

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116183.D
 Acq On : 12 Aug 2019 11:18
 Operator : HP/JU
 Sample : PB122127BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:53:21 AM

Quant Time: Aug 12 15:14:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	136210	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	570516	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	314151	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	554751	20.00	ng	0.00
76) Chrysene-d12	14.01	240	379328	20.00	ng	0.00
87) Perylene-d12	15.48	264	286027	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	927990	114.05	ng	0.00
7) Phenol-d6	6.48	99	1166583	113.64	ng	0.00
23) Nitrobenzene-d5	7.40	82	766614	77.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	347502	114.09	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1355593	80.83	ng	-0.01
79) Terphenyl-d14	12.94	244	1518520	84.35	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	165825	40.342	ng	99
3) Pyridine	3.45	79	368448	32.088	ng	98
4) n-Nitrosodimethylamine	3.39	42	168593	37.206	ng	97
6) Aniline	6.50	93	429387	29.207	ng	96
8) 2-Chlorophenol	6.63	128	395473	43.954	ng	100
9) Benzaldehyde	6.39	77	119112	16.816	ng	98
10) Phenol	6.49	94	498332	41.223	ng	90
11) bis(2-Chloroethyl)ether	6.57	93	381159	42.886	ng	97
12) 1,3-Dichlorobenzene	6.77	146	417910	40.191	ng	99
13) 1,4-Dichlorobenzene	6.85	146	425630	40.881	ng	98
14) 1,2-Dichlorobenzene	7.00	146	390509	40.735	ng	98
15) Benzyl Alcohol	6.98	79	323845	41.569	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	496594	40.963	ng	95
17) 2-Methylphenol	7.10	107	333653	43.795	ng	96
18) Hexachloroethane	7.35	117	155377	40.534	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	270848	42.577	ng	99
20) 3+4-Methylphenols	7.25	107	405211	44.946	ng	94
22) Acetophenone	7.25	105	534785	42.741	ng	100
24) Nitrobenzene	7.42	77	442275	41.442	ng	97
25) Isophorone	7.66	82	805965	42.646	ng	99
26) 2-Nitrophenol	7.73	139	221247	43.980	ng	100
27) 2,4-Dimethylphenol	7.77	122	359586	47.511	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	497203	42.445	ng	100
29) 2,4-Dichlorophenol	7.98	162	349920	43.788	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	371653	40.799	ng	100
31) Naphthalene	8.14	128	1149209	42.805	ng	98
32) Benzoic acid	7.93	122	225642	42.287	ng	97
33) 4-Chloroaniline	8.19	127	364496	30.386	ng	99
34) Hexachlorobutadiene	8.25	225	208555	39.748	ng	99
35) Caprolactam	8.57	113	108972m	42.162	ng	
36) 4-Chloro-3-methylphenol	8.68	107	369828	44.485	ng	98
37) 2-Methylnaphthalene	8.83	142	777569	43.977	ng	100
38) 1-Methylnaphthalene	8.93	142	724644	43.321	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	358826	42.725	ng	99

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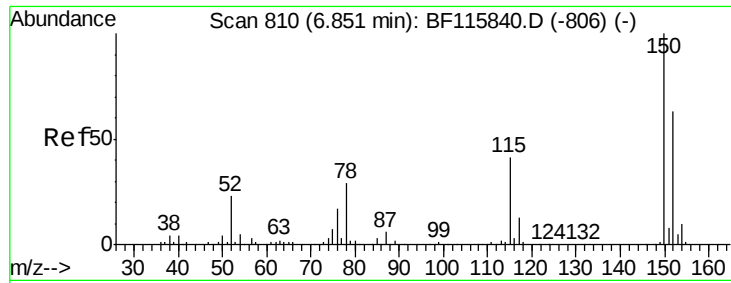
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	143919	41.268	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	232910	40.290	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	246499	41.251	ng	98
46) 1,1'-Biphenyl	9.29	154	945638	42.637	ng	99
47) 2-Chloronaphthalene	9.32	162	745545	40.388	ng	99
48) 2-Nitroaniline	9.42	65	238016	39.009	ng	97
49) Acenaphthylene	9.73	152	1124534	41.757	ng	99
50) Dimethylphthalate	9.59	163	893198	41.757	ng	99
51) 2,6-Dinitrotoluene	9.66	165	196465	42.265	ng	96
52) Acenaphthene	9.90	154	678960	41.095	ng	100
53) 3-Nitroaniline	9.83	138	162779	28.340	ng	98
54) 2,4-Dinitrophenol	9.95	184	164080	70.435	ng	99
55) Dibenzofuran	10.08	168	971042	40.415	ng	100
56) 4-Nitrophenol	10.01	139	264004	71.751	ng	99
57) 2,4-Dinitrotoluene	10.07	165	248731	40.189	ng	97
58) Fluorene	10.42	166	794853	42.999	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	207662	41.306	ng	97
60) Diethylphthalate	10.30	149	868508	43.490	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	396990	42.404	ng	99
62) 4-Nitroaniline	10.46	138	213948	36.043	ng	95
63) Azobenzene	10.57	77	883720	43.023	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	125200	42.588	ng	87
66) n-Nitrosodiphenylamine	10.53	169	715860	42.872	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	246331	41.480	ng	97
68) Hexachlorobenzene	10.97	284	273635	39.848	ng	96
69) Atrazine	11.06	200	221672	40.354	ng	99
70) Pentachlorophenol	11.17	266	257543	77.249	ng	98
71) Phenanthrene	11.39	178	1168703	41.209	ng	99
72) Anthracene	11.44	178	1204260	41.958	ng	99
73) Carbazole	11.59	167	1097413	42.144	ng	100
74) Di-n-butylphthalate	11.92	149	1356267	44.649	ng	98
75) Fluoranthene	12.57	202	1228197	41.367	ng	98
77) Benzidine	12.69	184	368471	28.752	ng	98
78) Pyrene	12.80	202	1254492	43.872	ng	99
80) Butylbenzylphthalate	13.41	149	565264	46.733	ng	96
81) Benzo(a)anthracene	14.00	228	1024779	42.267	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	315940	37.508	ng	99
83) Chrysene	14.03	228	998275	42.410	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	763664	48.585	ng	98
85) Di-n-octyl phthalate	14.59	149	1205926	48.303	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	789724	39.946	ng	99
88) Benzo(b)fluoranthene	15.06	252	873838	52.837	ng	100
89) Benzo(k)fluoranthene	15.09	252	845226	52.470	ng	99
90) Benzo(a)pyrene	15.42	252	803635	54.358	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	668050	52.203	ng	99
92) Benzo(g,h,i)perylene	17.40	276	665981	52.990	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



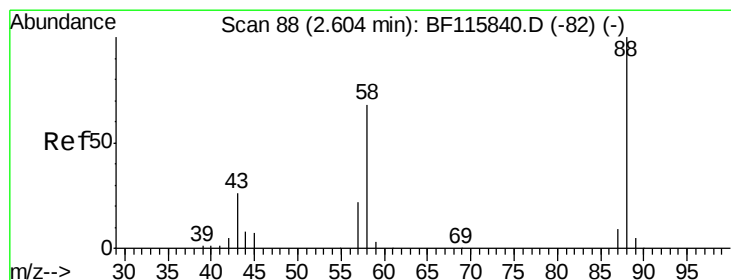
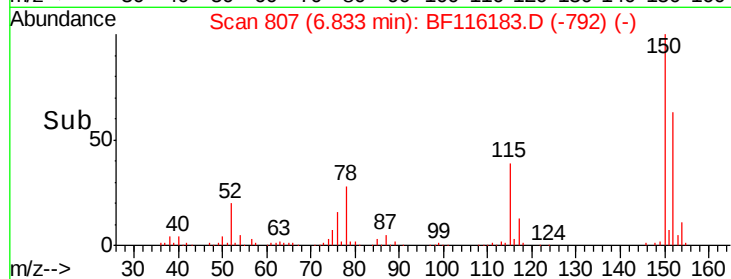
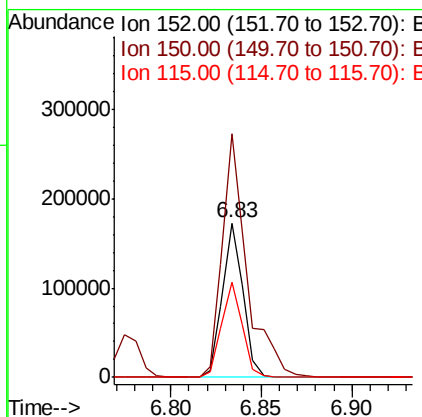
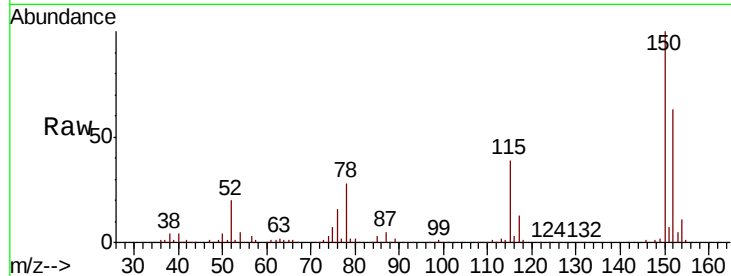
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	61.4	49.9	74.9

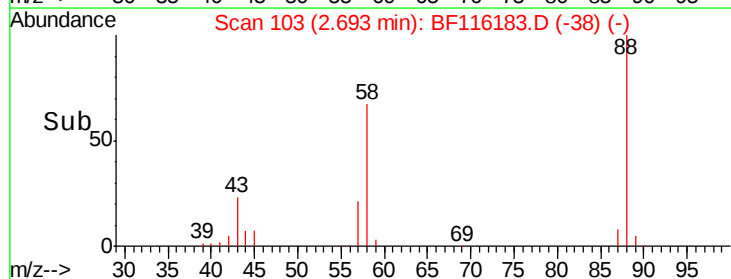
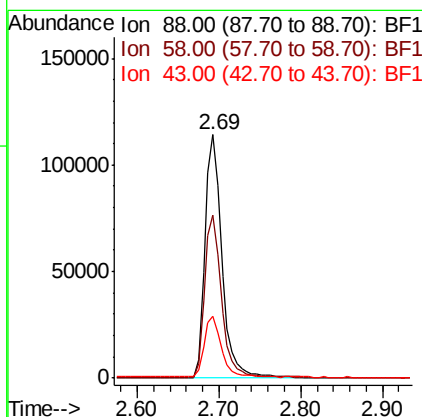
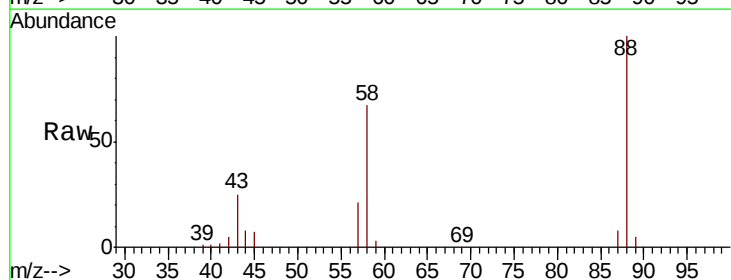
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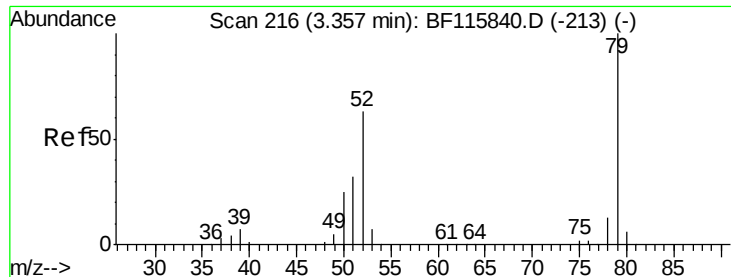
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#2
 1,4-Dioxane
 Concen: 40.342 ng
 RT: 2.69 min Scan# 103
 Delta R.T. 0.08 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.1	53.7	80.5
43	25.1	21.0	31.4





#3

Pvridine

Concen: 32.088 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

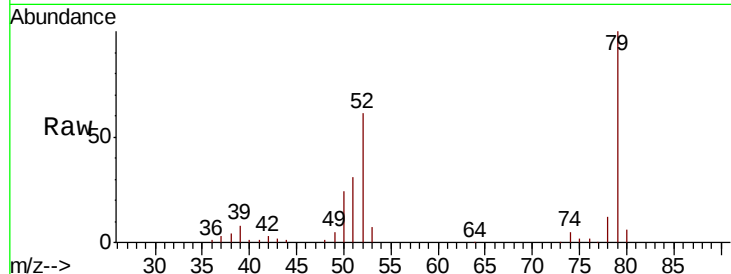
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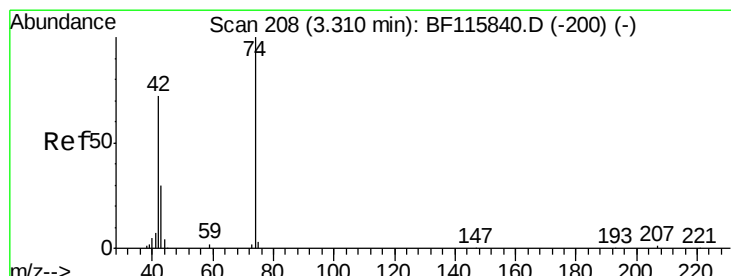
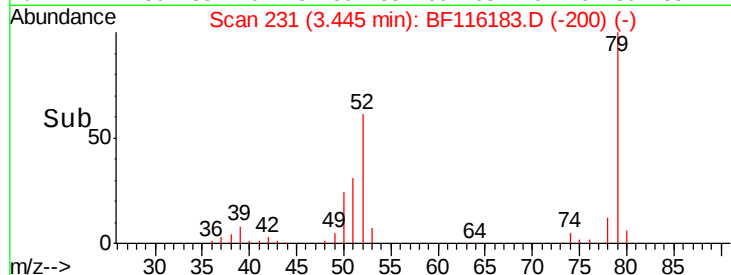
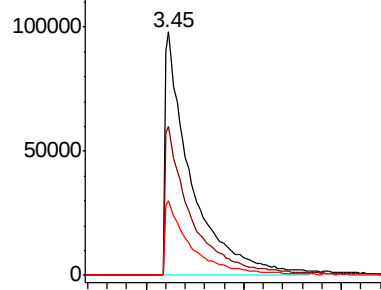
Tot Ion:	79	Resp:	368448
Ion	Ratio	Lower	Upper
79	100		
52	61.0	49.8	74.8
51	30.6	25.2	37.8

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.206 ng

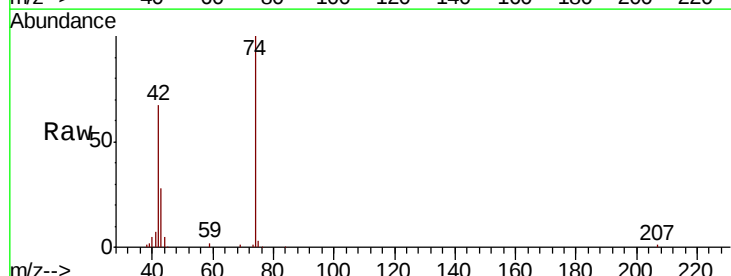
RT: 3.39 min Scan# 222

Delta R.T. 0.06 min

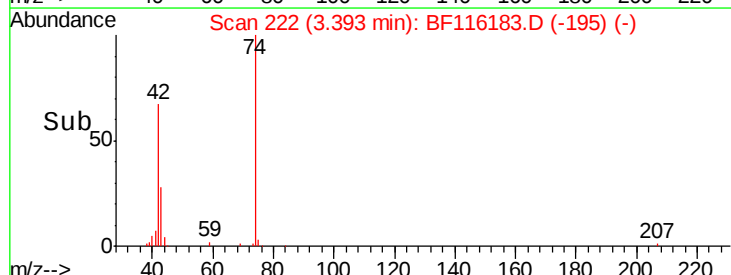
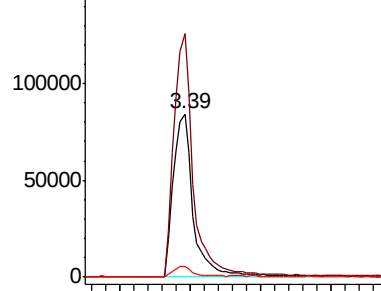
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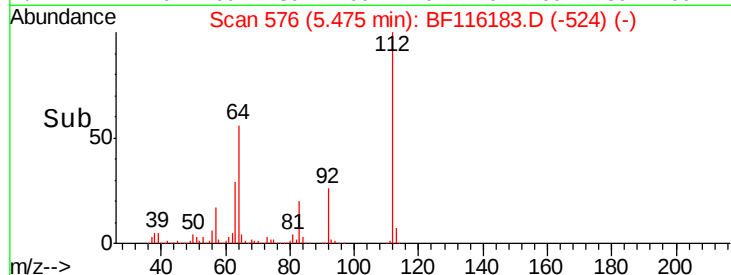
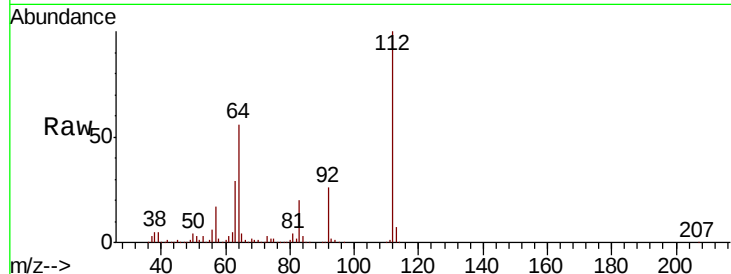
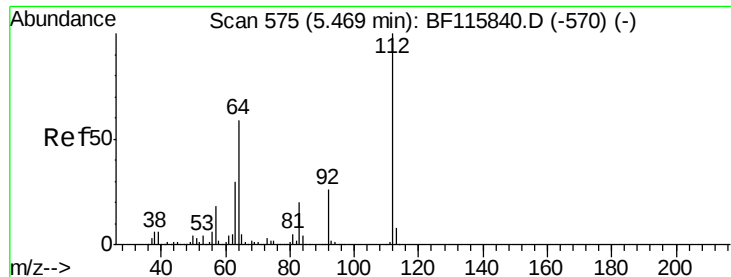
Acq: 12 Aug 2019 11:18

Tgt Ion:	42	Resp:	168593
Ion	Ratio	Lower	Upper
42	100		
74	149.0	116.0	174.0
44	6.7	4.6	7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





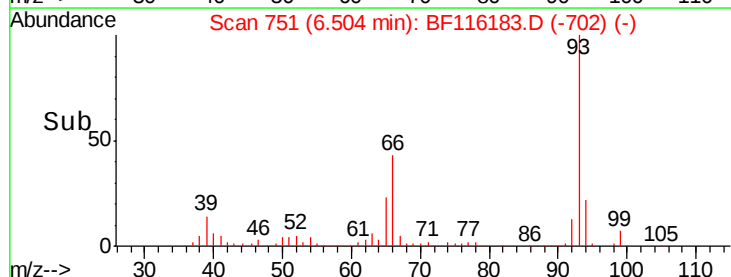
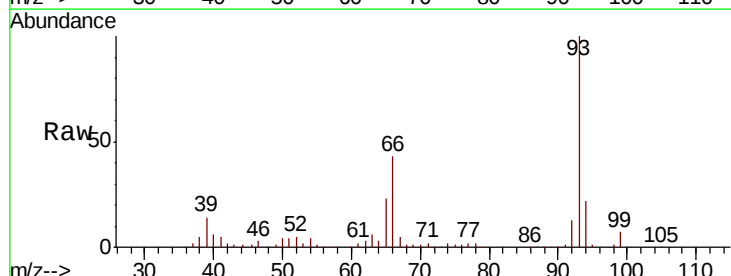
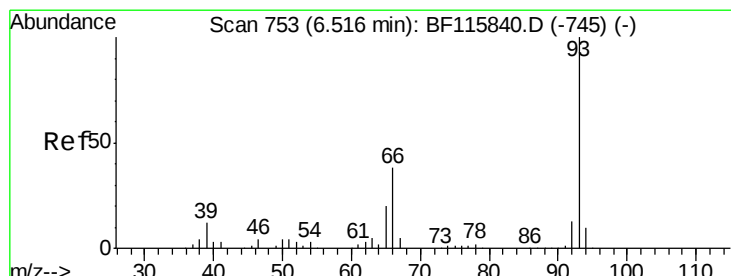
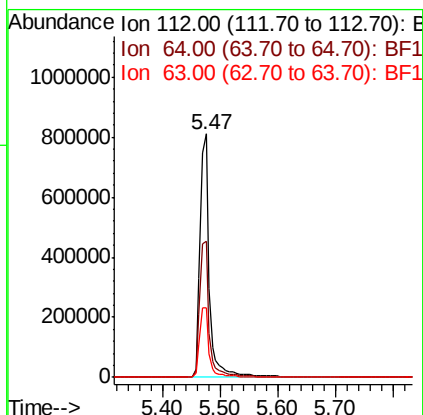
#5
2-Fluorophenol
Concen: 114.053 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	56.1	45.4	68.2
63	28.5	23.7	35.5

Instrument :
BNA_F
ClientSampleId :
PB122127BS

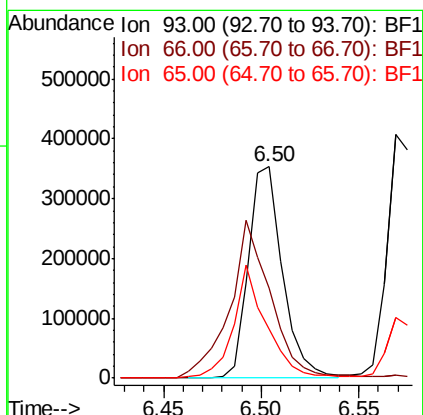
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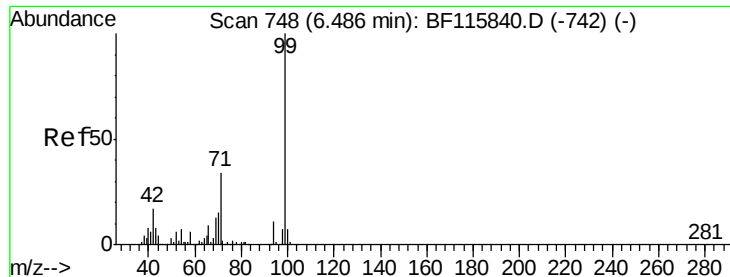
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#6
Aniline
Concen: 29.207 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	42.8	32.2	48.4
65	23.0	17.0	25.6





#7

Phenol-d6

Concen: 113.640 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

Tot Ion: 99 Resp: 1166583

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.8

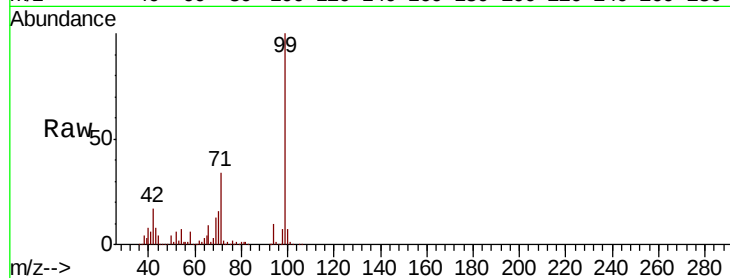
71 34.0 27.3 40.9

Manual Integrations

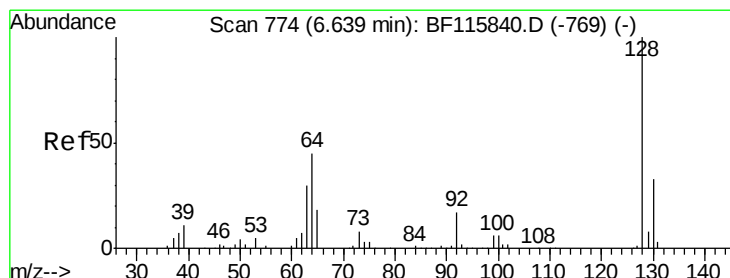
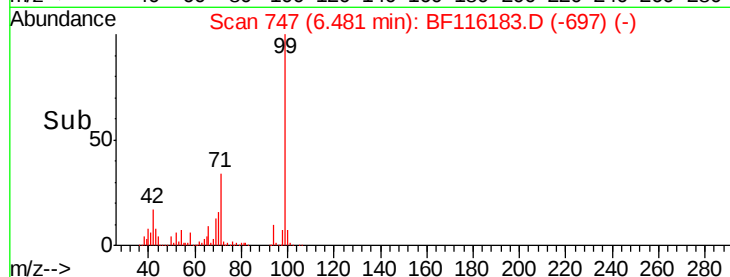
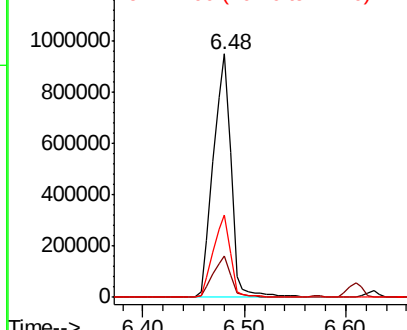
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.954 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

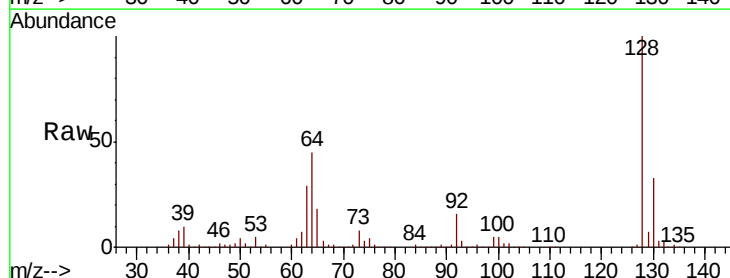
Tgt Ion: 128 Resp: 395473

Ion Ratio Lower Upper

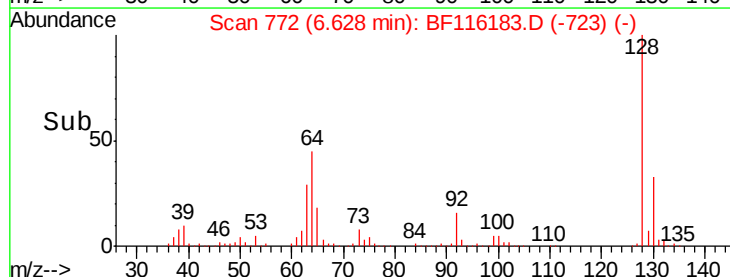
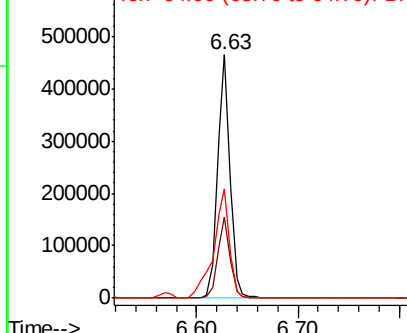
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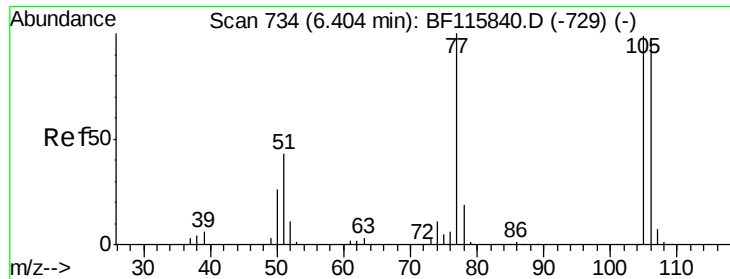
130 33.1 12.9 52.9

64 44.6 24.3 64.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





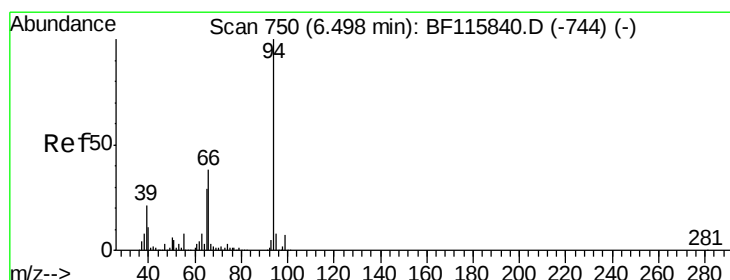
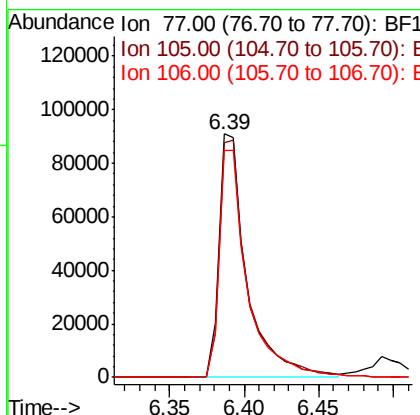
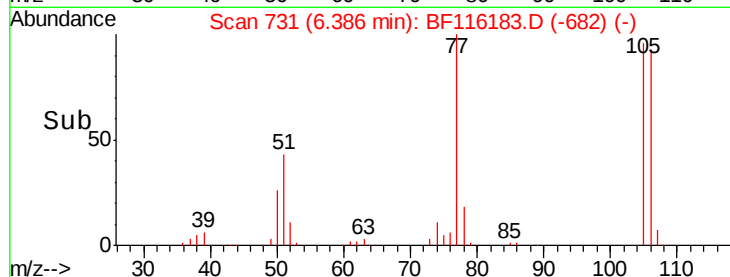
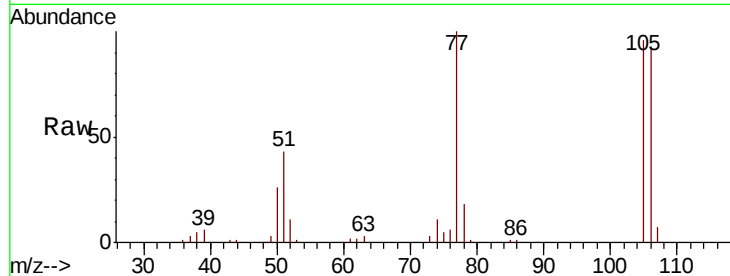
#9
Benzaldehyde
Concen: 16.816 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.3	79.2	119.2
106	93.1	74.3	114.3

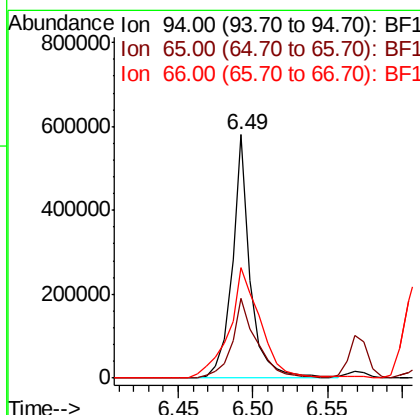
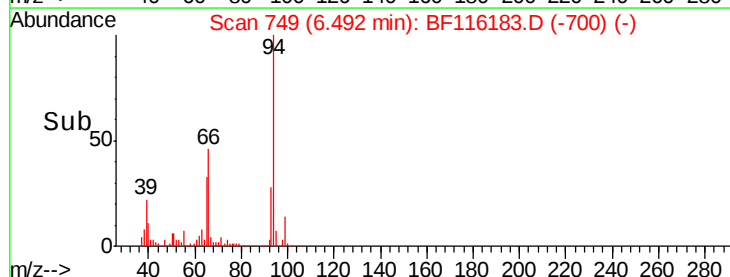
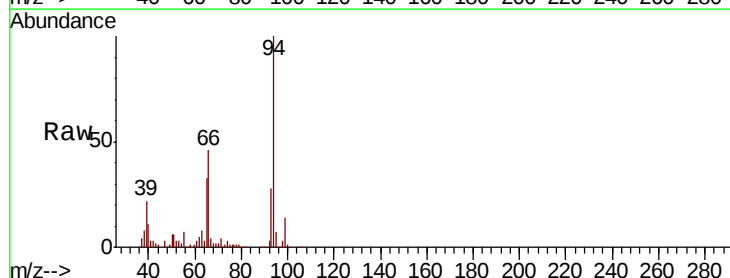
Manual Integrations
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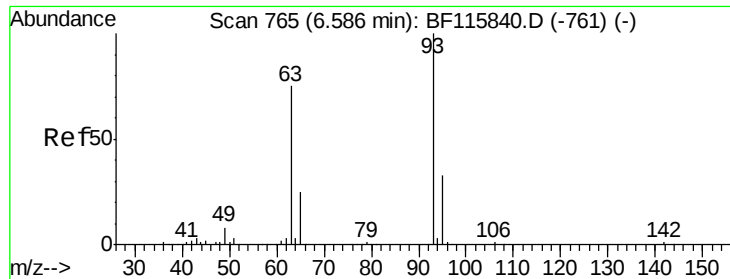
mohammad
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#10
Phenol
Concen: 41.223 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.6	16.8	56.8
66	45.6	34.2	74.2





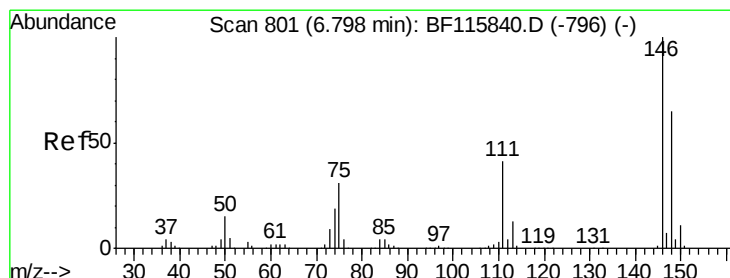
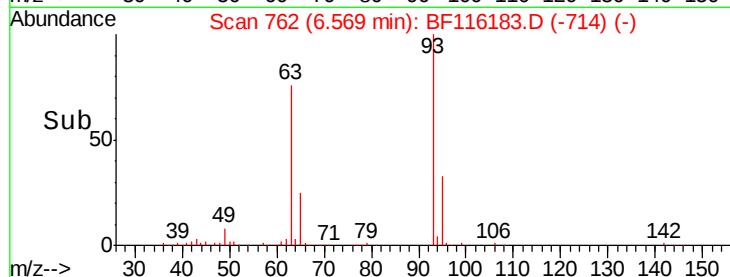
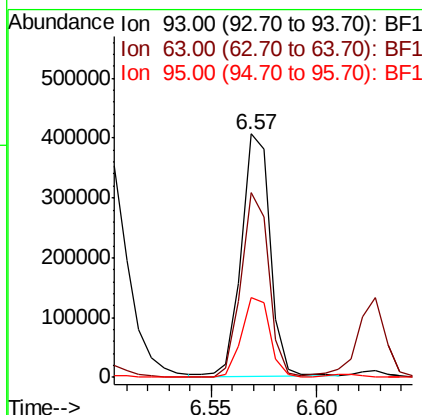
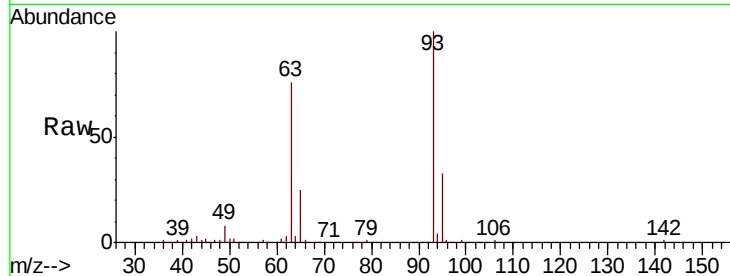
#11
bis(2-Chloroethyl)ether
Concen: 42.886 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	75.7	51.9	91.9	
95	32.7	13.0	53.0	

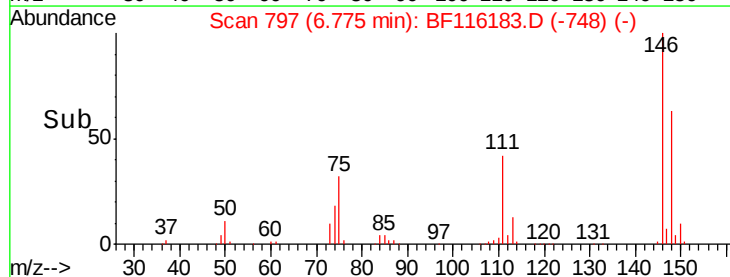
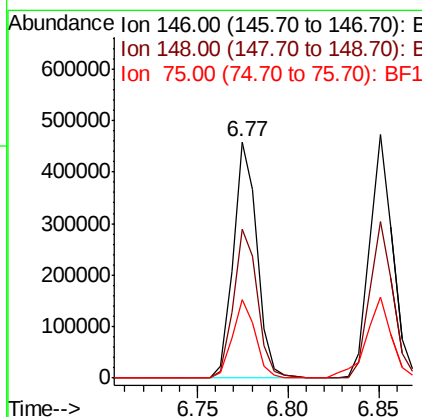
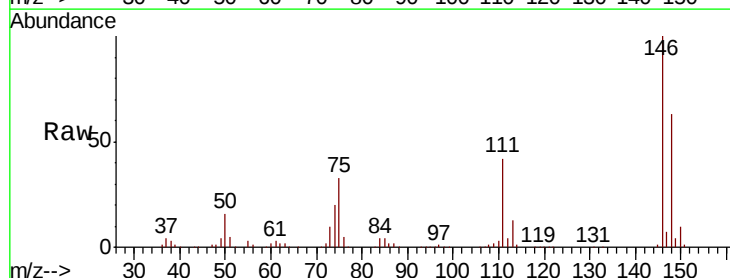
Manual Integrations
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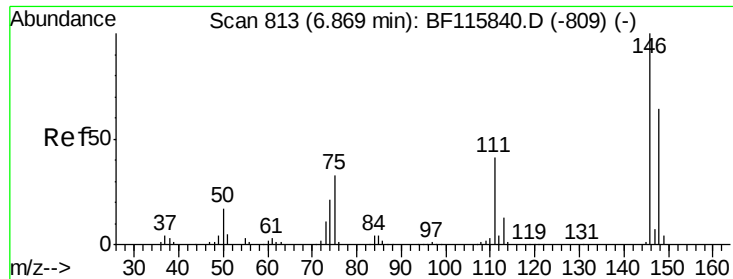
mohammad
8/14/2019 2:53:21 AM



#12
1,3-Dichlorobenzene
Concen: 40.191 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.2	51.3	76.9	
75	33.2	27.4	41.2	





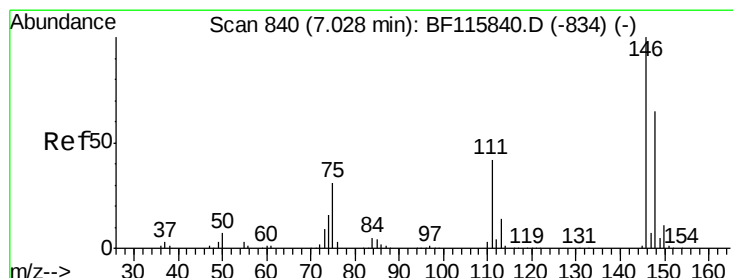
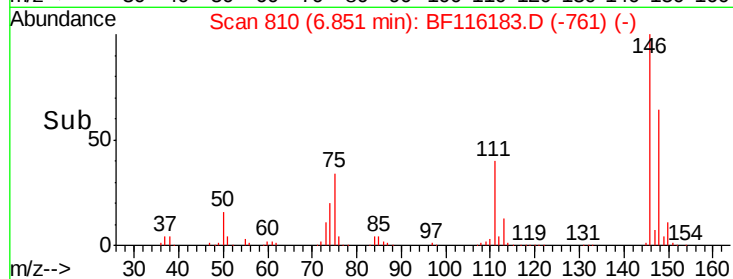
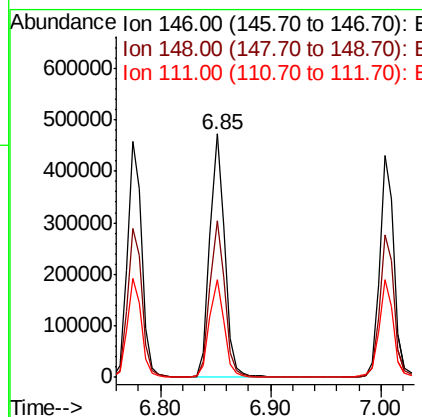
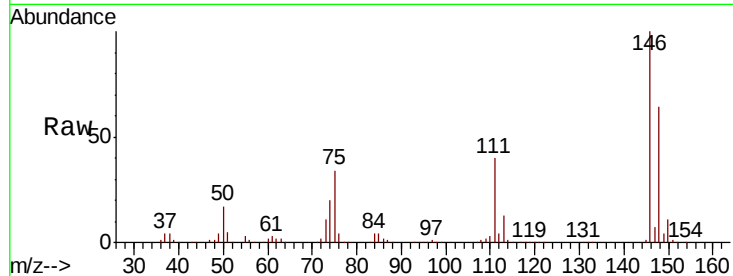
#13
 1,4-Dichlorobenzene
 Concen: 40.881 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		425630		
148	64.3	51.3	76.9		
111	40.3	34.0	51.0		

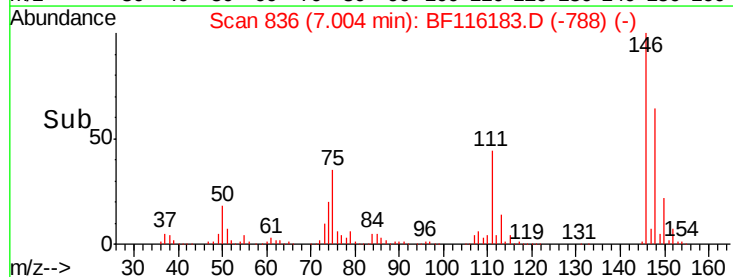
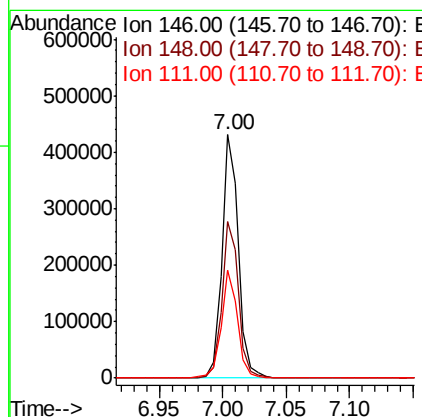
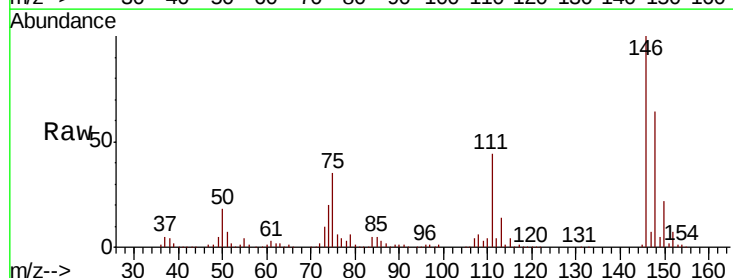
Manual Integrations
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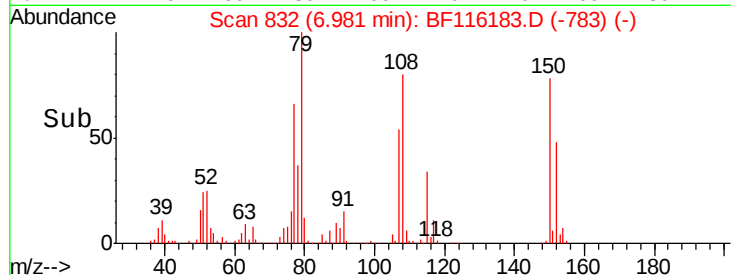
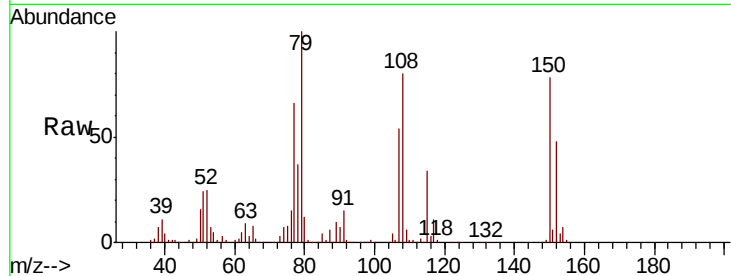
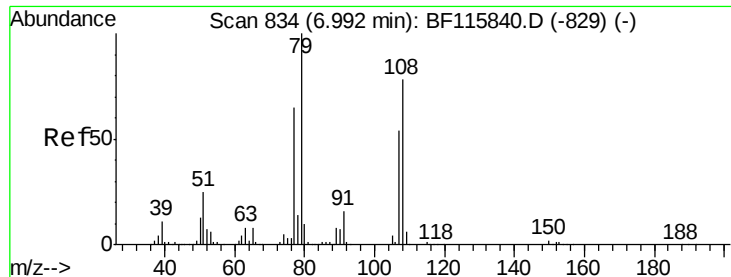
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.735 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		390509		
148	64.2	51.2	76.8		
111	44.2	33.5	50.3		





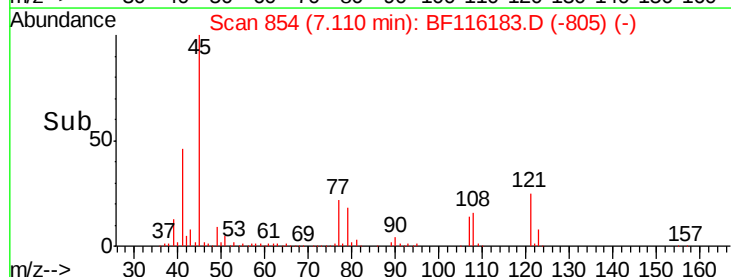
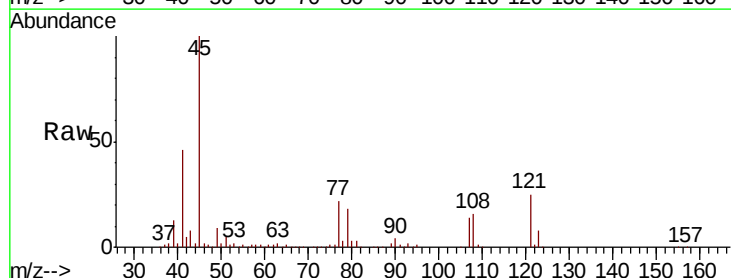
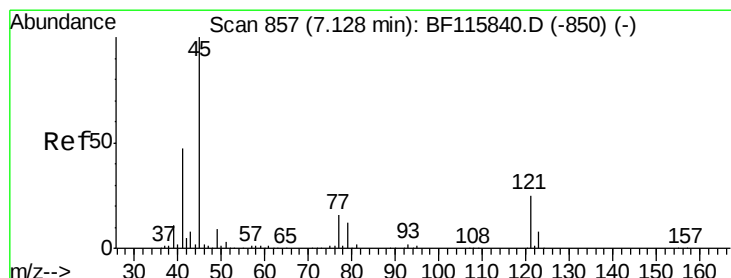
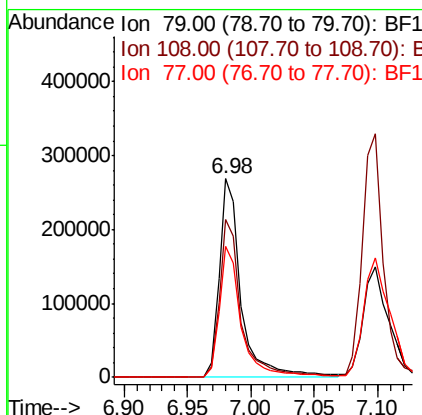
#15
Benzyl Alcohol
Concen: 41.569 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.8	62.7	94.1	
77	66.1	52.2	78.2	

Instrument :
BNA_F
ClientSampleId :
PB122127BS

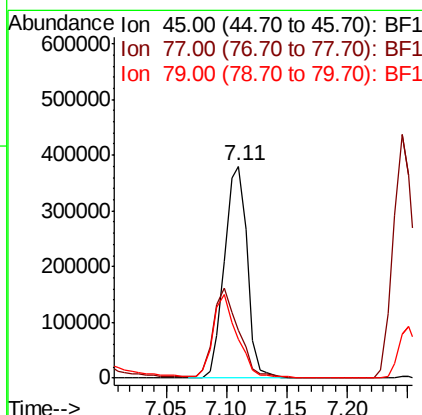
Manual Integrations
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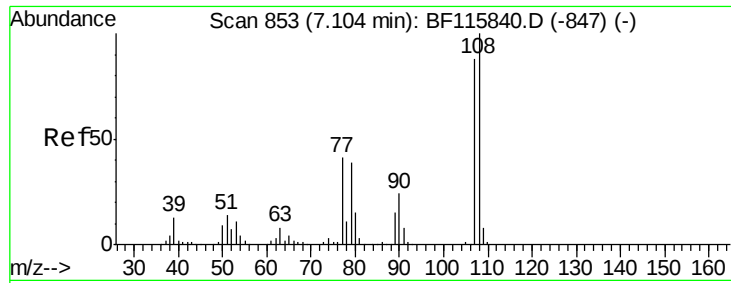
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.963 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	22.2	0.0	40.0	
79	18.2	0.0	35.9	





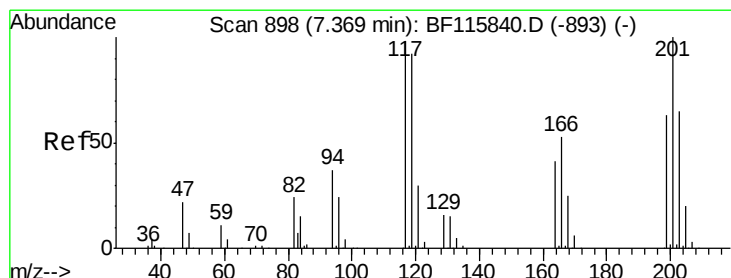
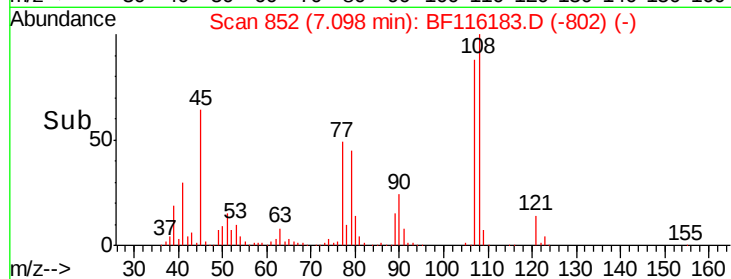
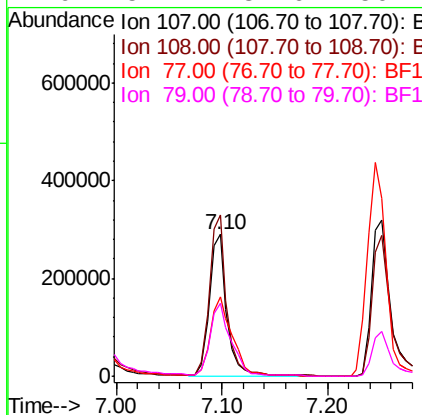
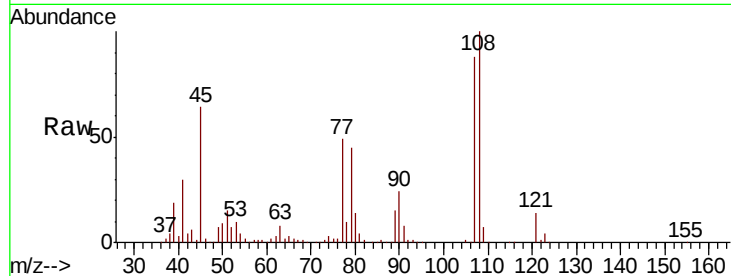
#17
2-Methylphenol
Concen: 43.795 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.3	91.2	333653	136.8	
77	55.9	40.3		60.5	
79	51.4	37.6		56.4	

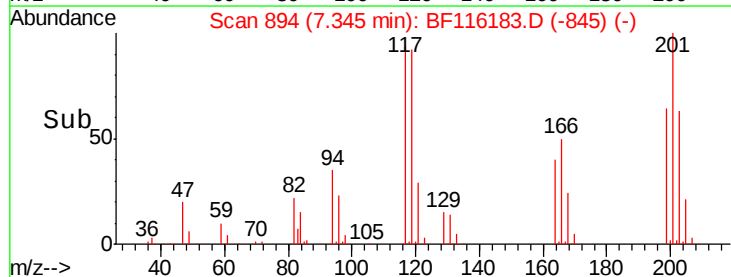
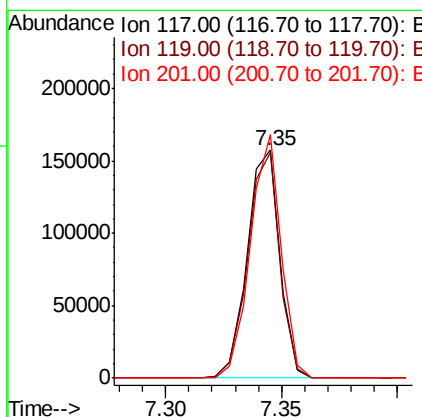
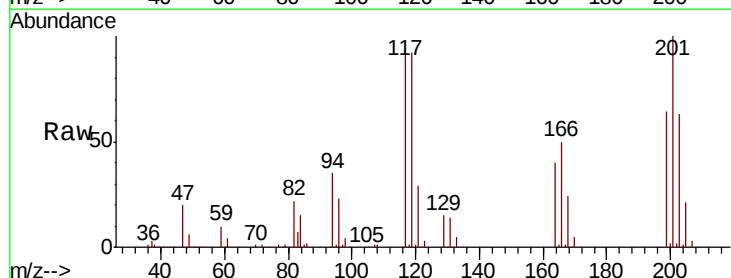
Manual Integrations
APPROVED

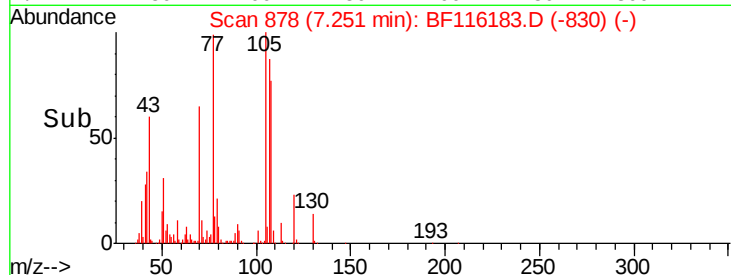
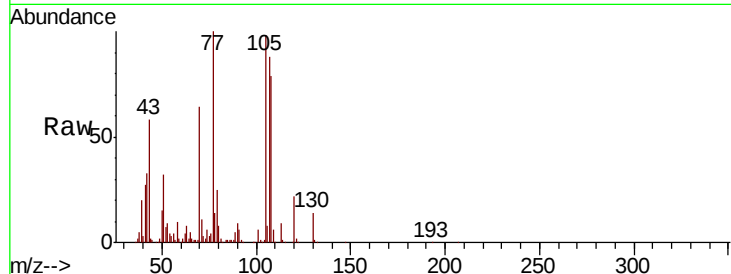
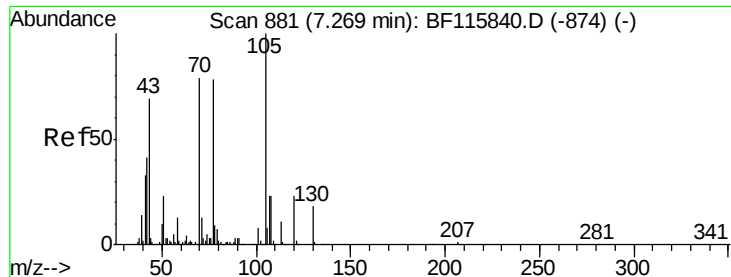
mohammad
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#18
Hexachloroethane
Concen: 40.534 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	98.8	76.1	155377	114.1	
201	106.9	77.0		115.4	





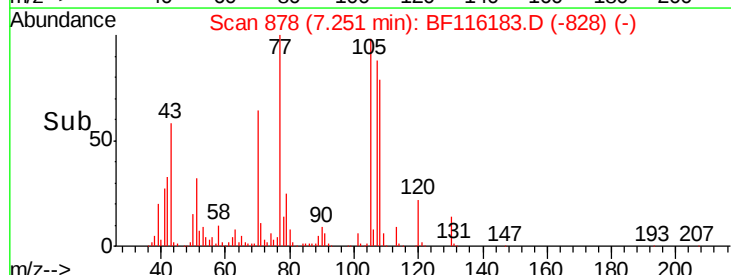
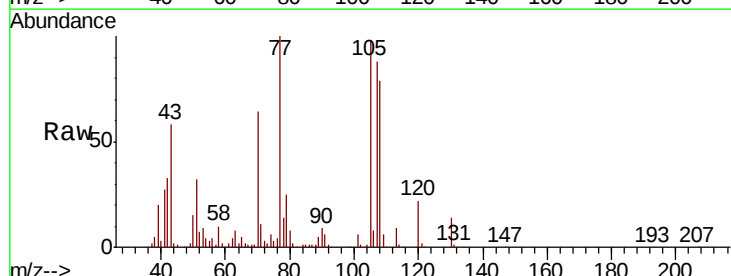
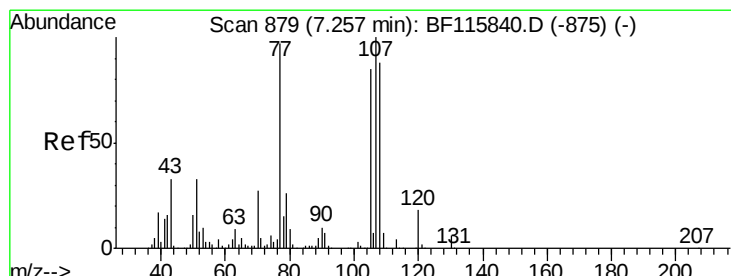
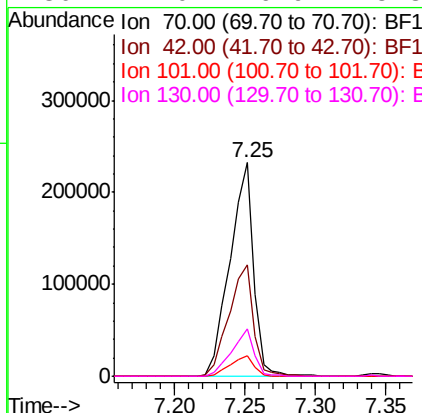
#19
n-Nitroso-di-n-propylamine
Concen: 42.577 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.1	40.9	61.3		
101	9.8	7.9	11.9		
130	22.0	16.9	25.3		

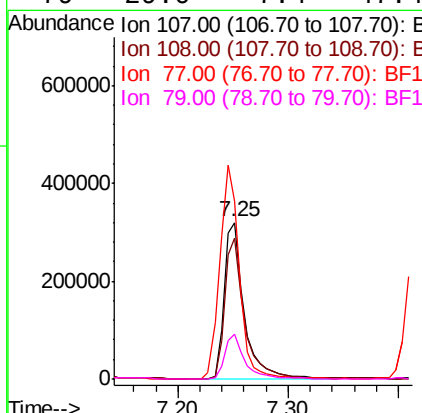
Manual Integrations
APPROVED

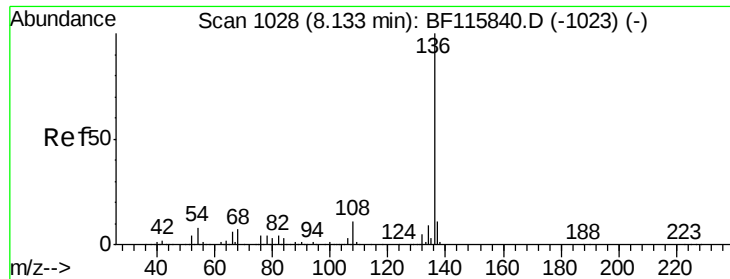
mohammad
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#20
3+4-Methylphenols
Concen: 44.946 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.4	67.6	107.6		
77	113.9	104.4	144.4		
79	29.0	7.4	47.4		





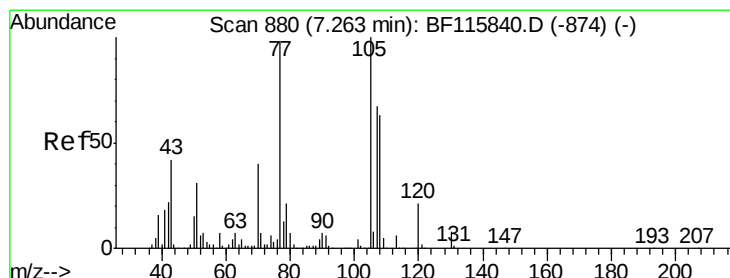
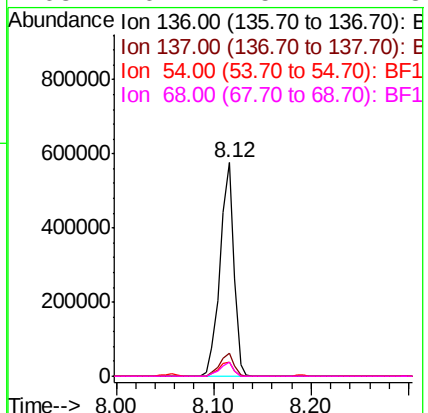
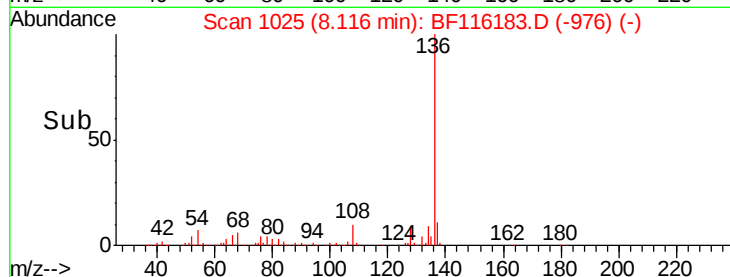
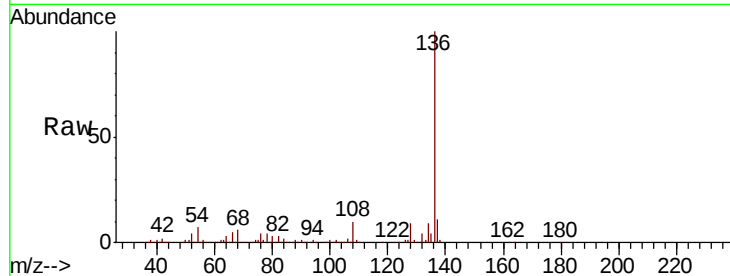
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	570516		
137	11.0		9.0	13.4
54	6.8		5.8	8.6
68	6.4		5.2	7.8

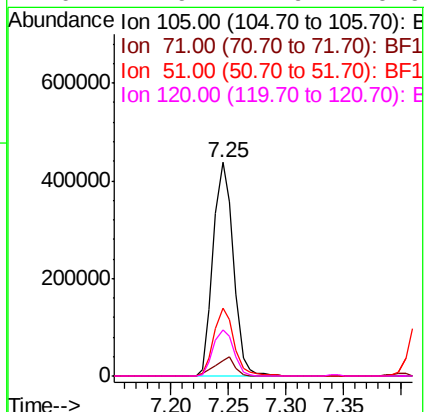
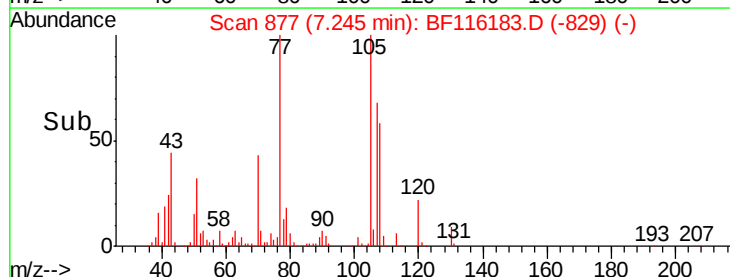
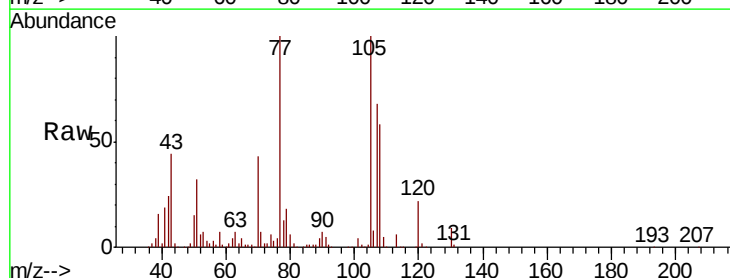
Manual Integrations
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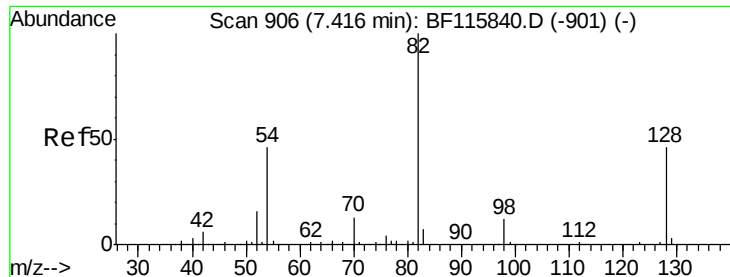
mohammad
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#22
Acetophenone
Concen: 42.741 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	534785		
71	7.3		5.9	8.9
51	31.6		25.3	37.9
120	21.9		17.9	26.9





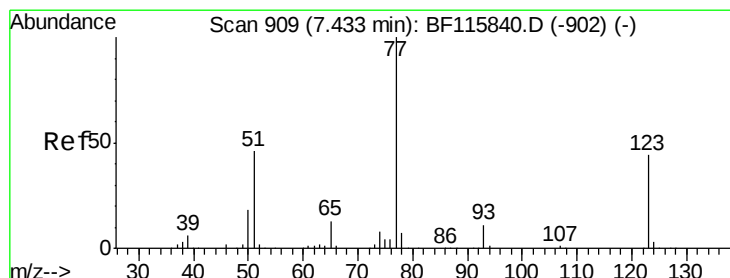
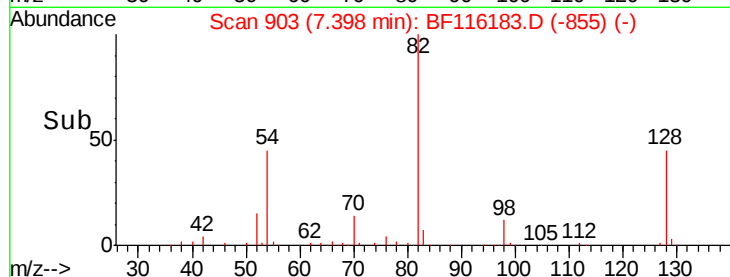
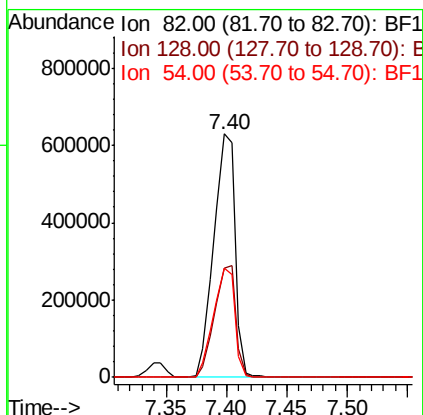
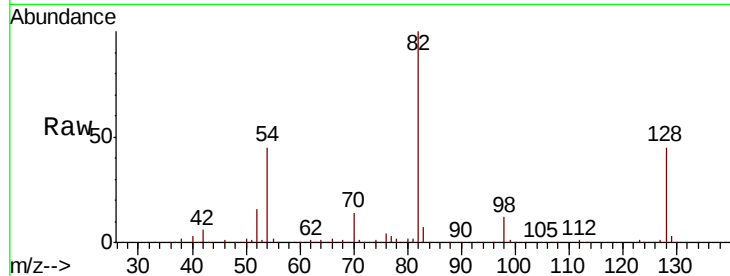
#23
Nitrobenzene-d5
Concen: 77.564 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	766614		
128	44.7	36.5	54.7	
54	45.1	36.0	54.0	

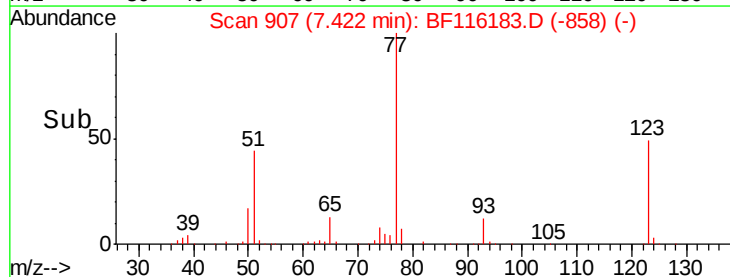
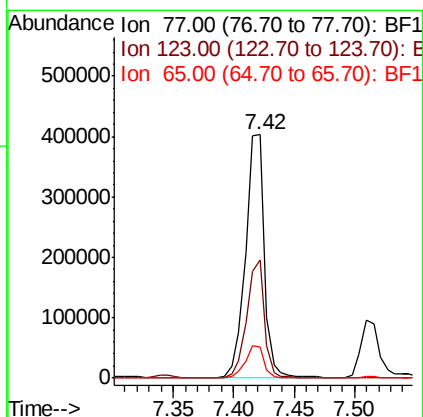
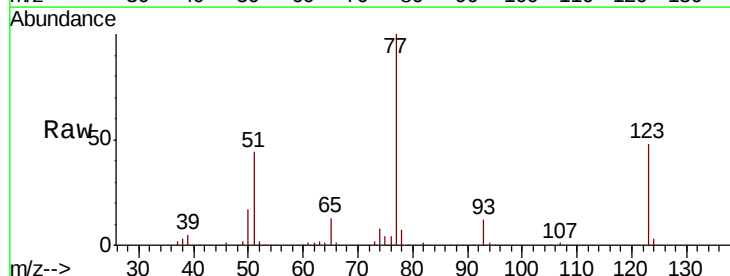
Manual Integrations
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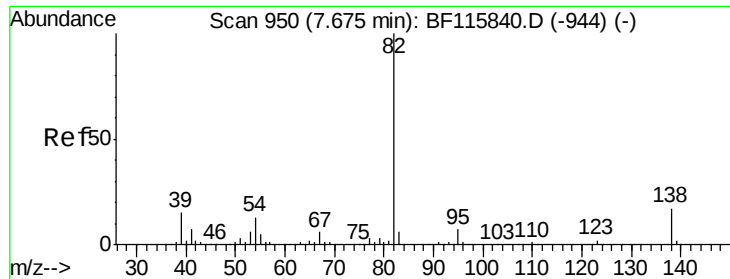
mohammad
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#24
Nitrobenzene
Concen: 41.442 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	442275		
123	48.4	36.7	55.1	
65	13.0	10.6	16.0	





#25

Isophorone

Concen: 42.646 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

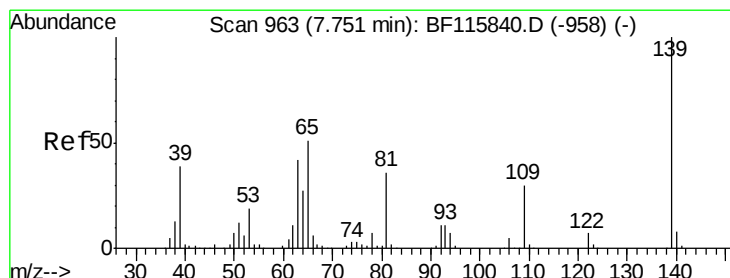
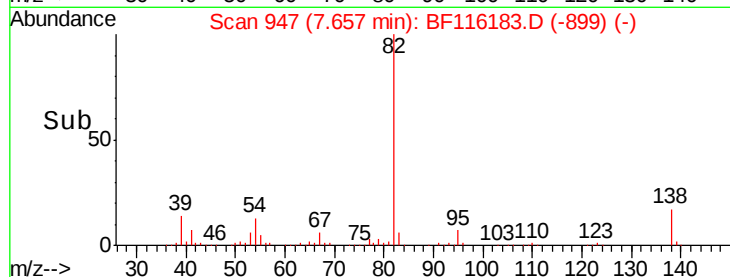
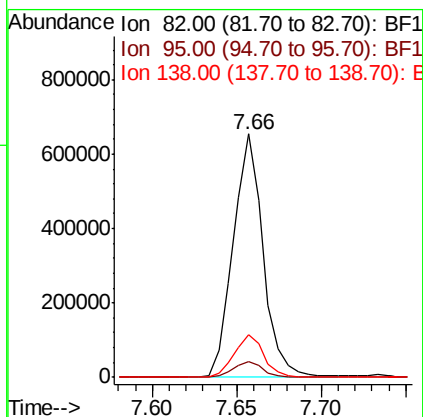
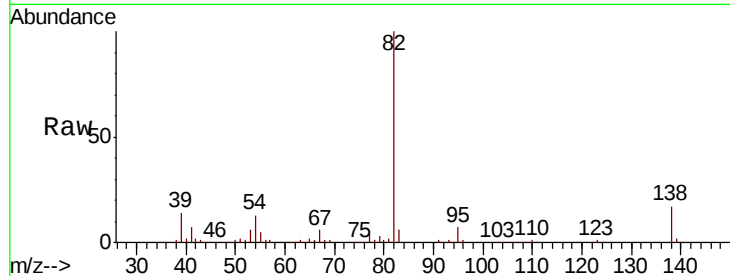
ClientSampleId :

PB122127BS

Tot Ion:	82	Resp:	805965
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.4	8.0
138	17.4	14.5	21.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.980 ng

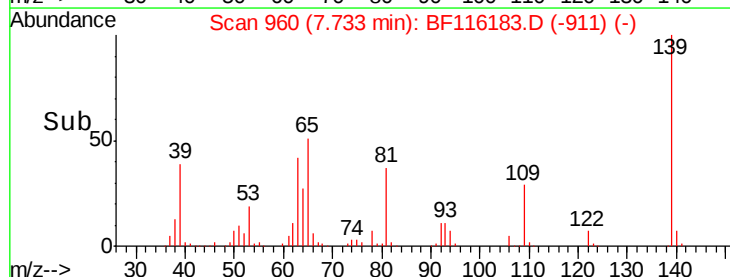
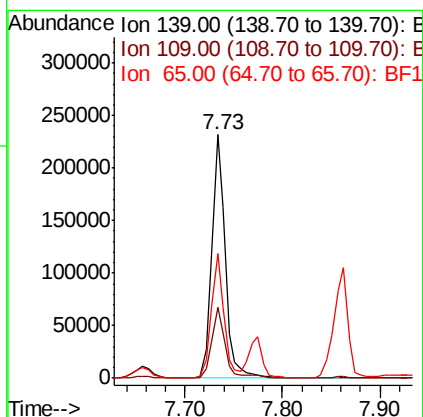
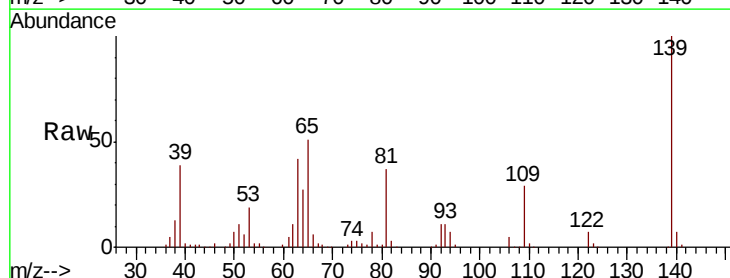
RT: 7.73 min Scan# 960

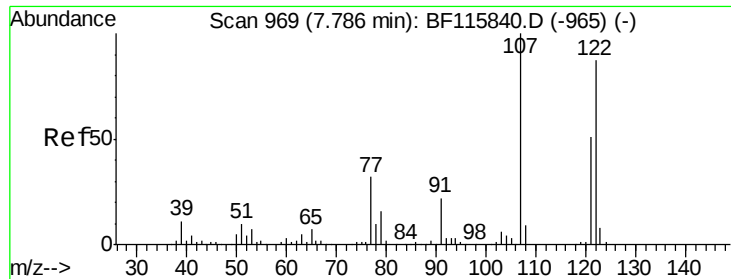
Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Tgt Ion:	139	Resp:	221247
Ion Ratio	Lower	Upper	
139	100		
109	28.9	23.4	35.2
65	51.4	41.1	61.7





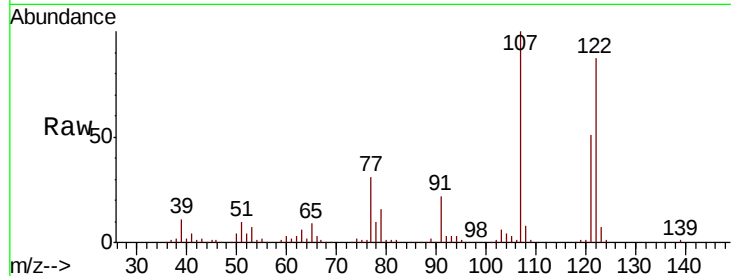
#27
2,4-Dimethylphenol
Concen: 47.511 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	359586		
107	114.3	93.0	139.6	
121	58.6	47.6	71.4	

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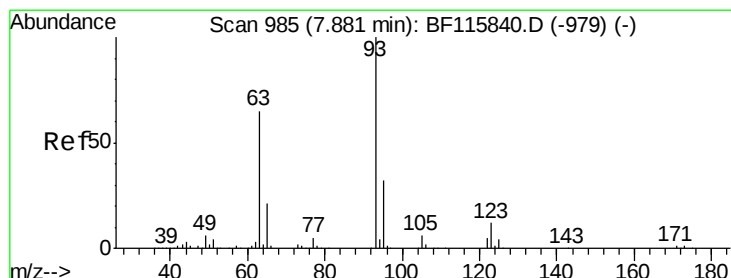
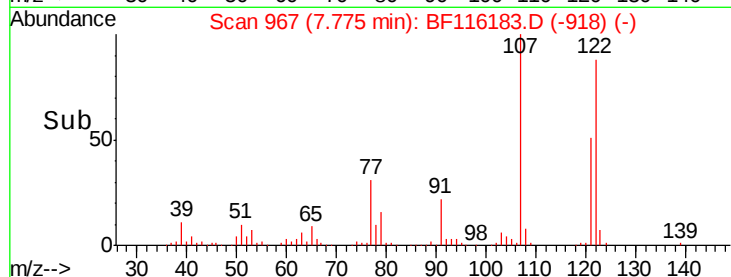
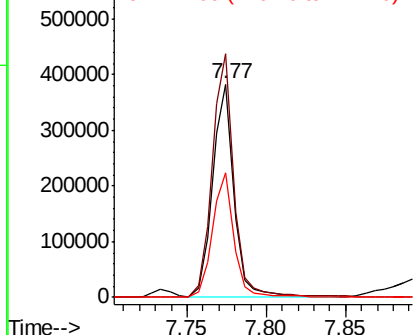


Abundance

Ion 122.00 (121.70 to 122.70): E

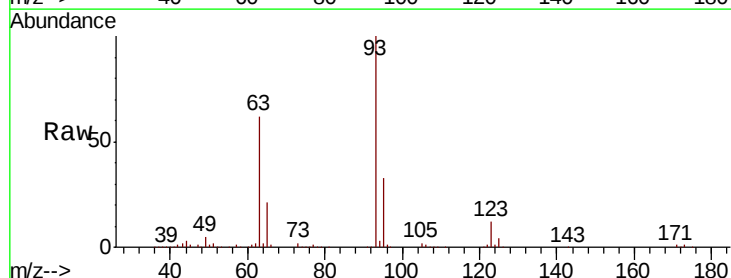
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.445 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	497203		
95	32.6	26.2	39.4	
123	11.8	9.2	13.8	

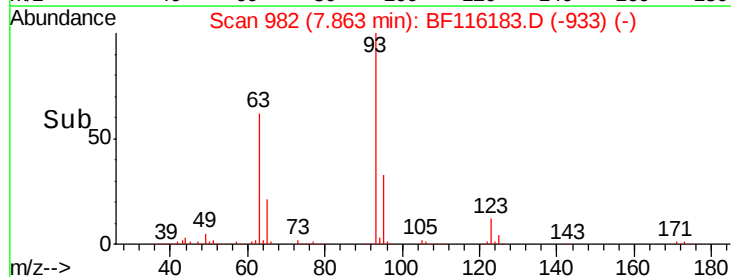
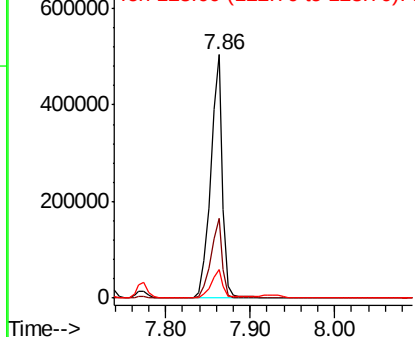


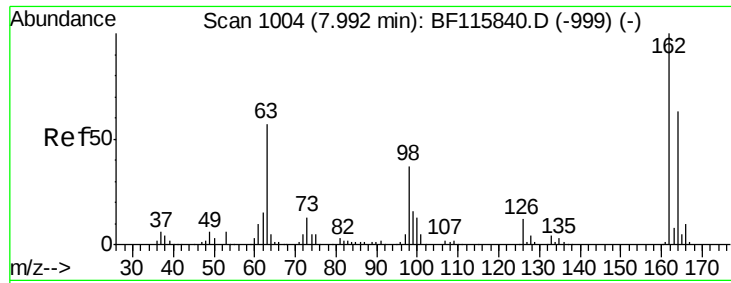
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





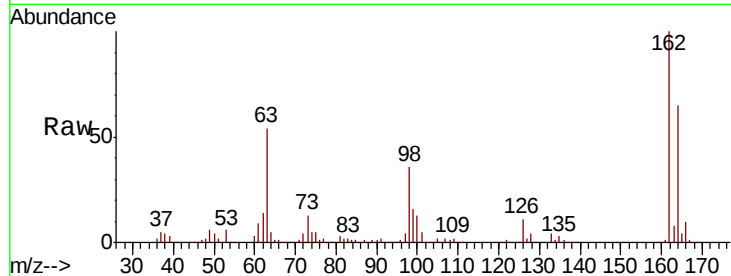
#29
2,4-Dichlorophenol
Concen: 43.788 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

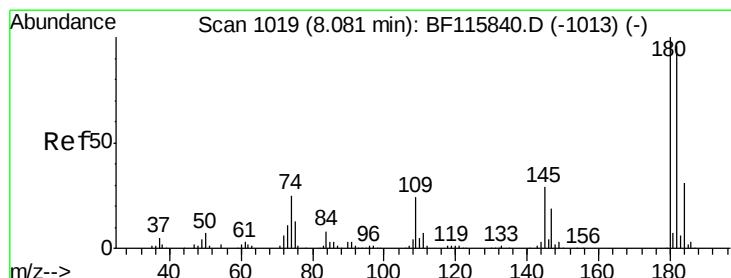
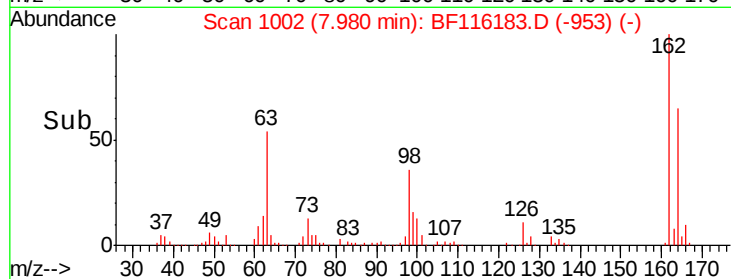
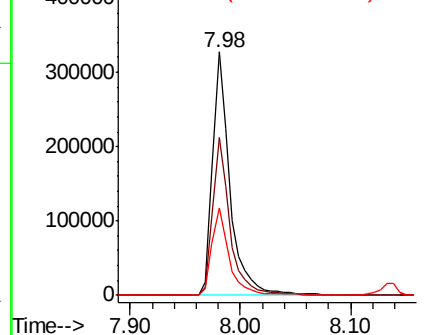
Tot Ion:	162	Resp:	349920
Ion Ratio	Lower	Upper	
162	100		
164	65.1	45.1	85.1
98	35.9	15.8	55.8

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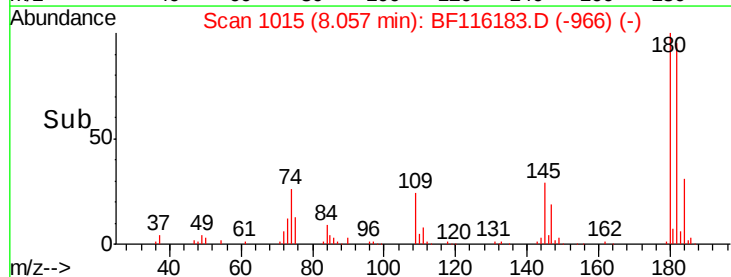
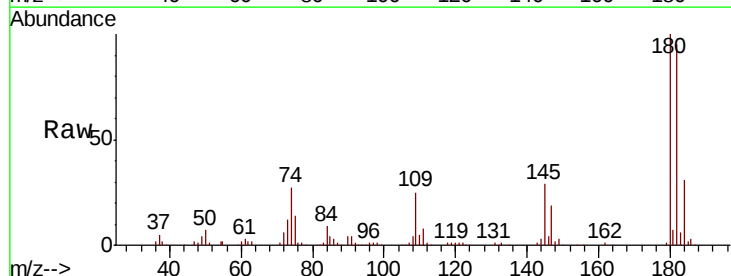
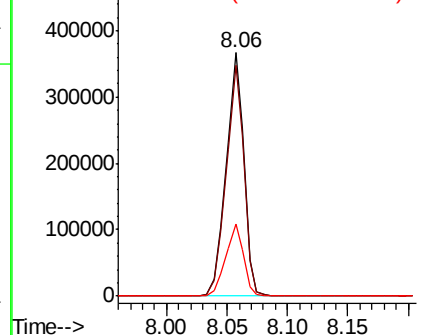
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

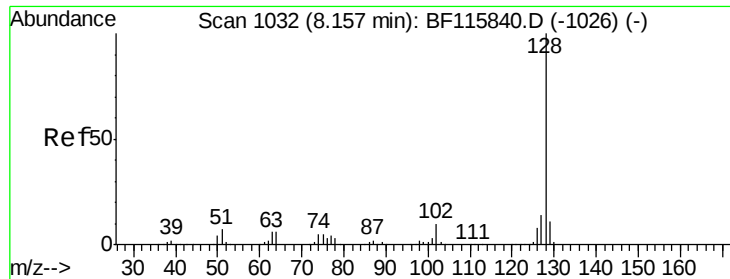


#30
1,2,4-Trichlorobenzene
Concen: 40.799 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion:	180	Resp:	371653
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.7	113.5
145	29.4	24.3	36.5

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





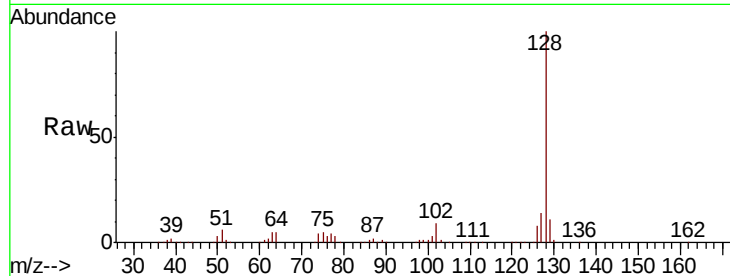
#31
Naphthalene
Concen: 42.805 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampled :
PB122127BS

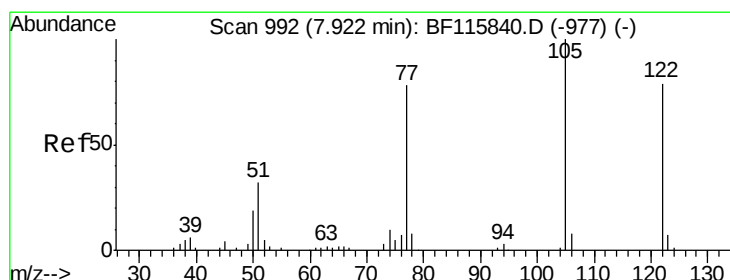
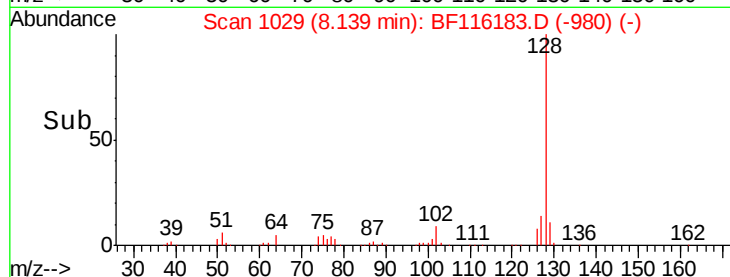
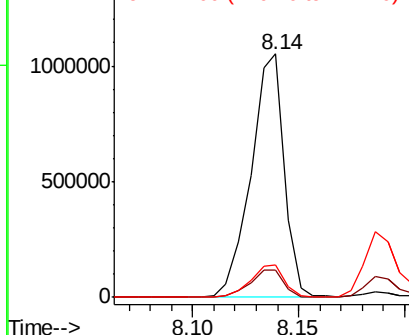
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.5	11.4	17.0

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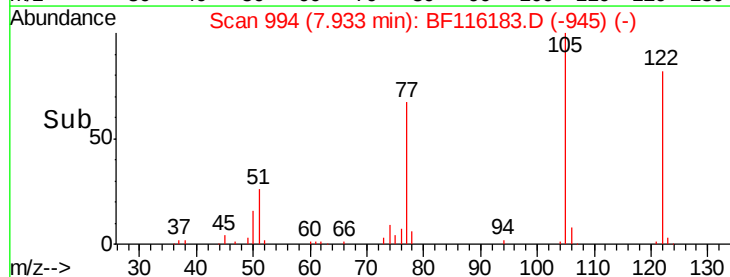
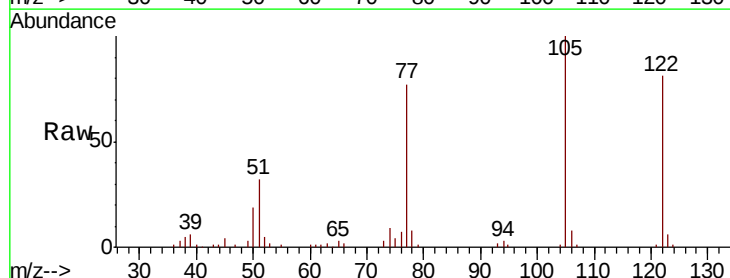
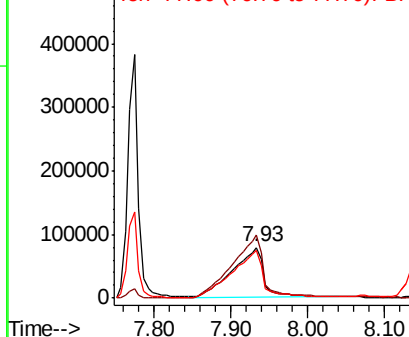
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

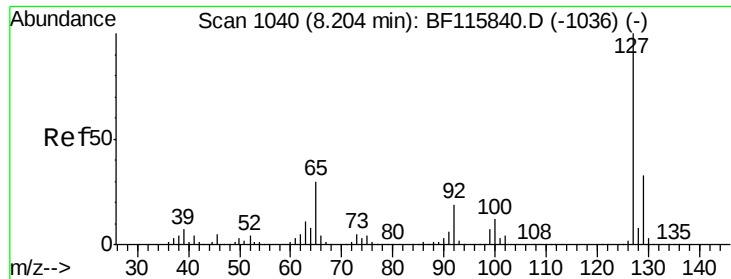


#32
Benzoic acid
Concen: 42.287 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.2	106.1	146.1
77	94.3	76.7	116.7

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





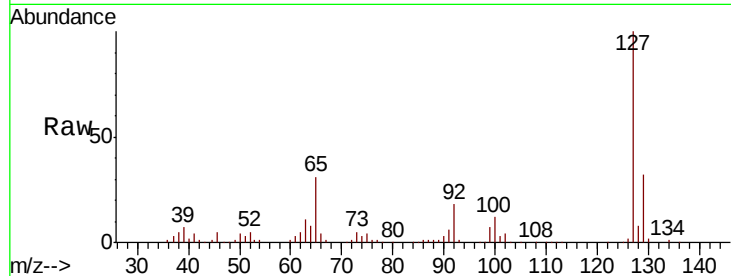
#33
4-Chloroaniline
Concen: 30.386 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	26.1	39.1	
65	30.6	24.9	37.3	
92	18.5	15.7	23.5	

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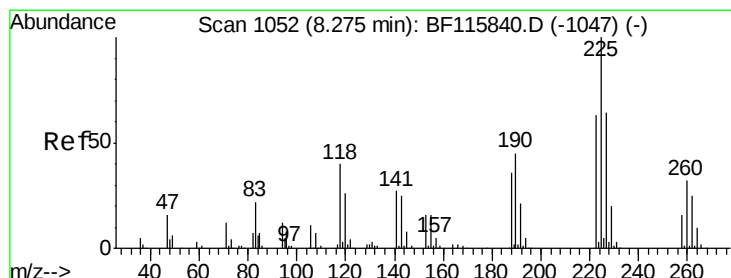
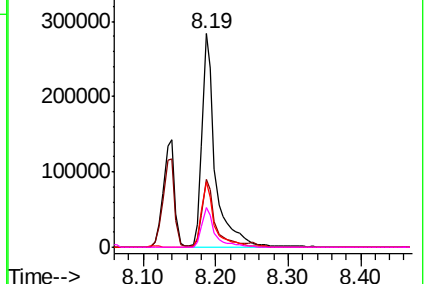
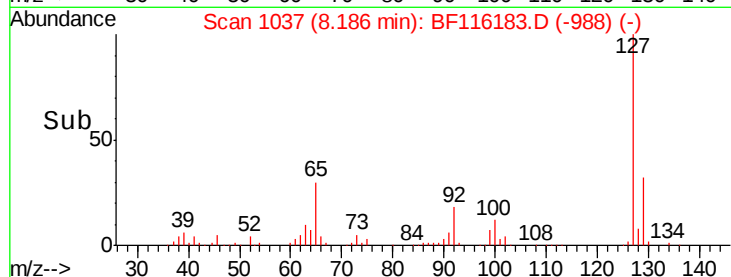
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

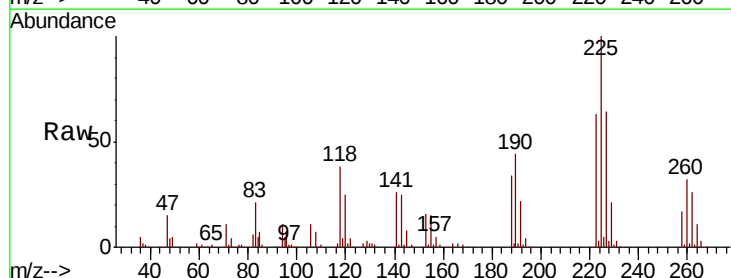
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.748 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	50.0	75.0	
227	63.5	51.0	76.4	

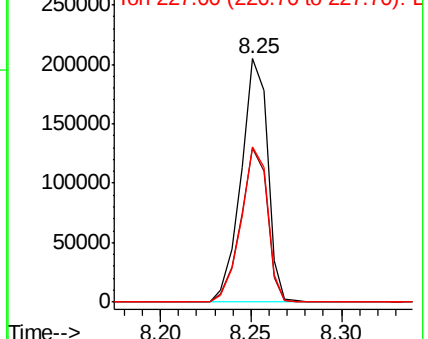
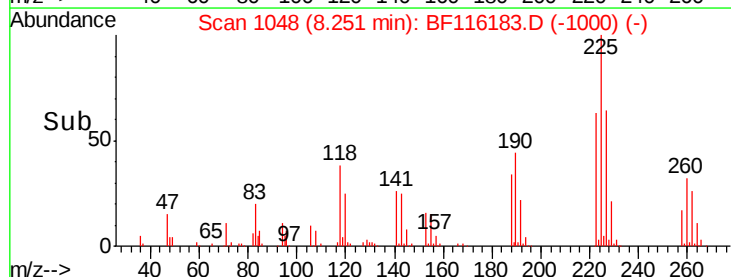


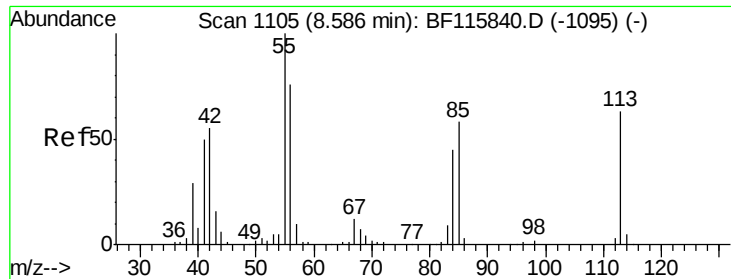
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





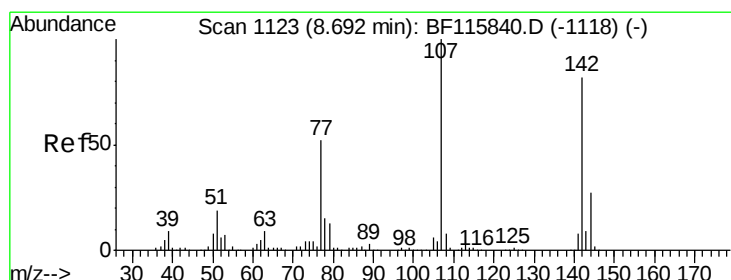
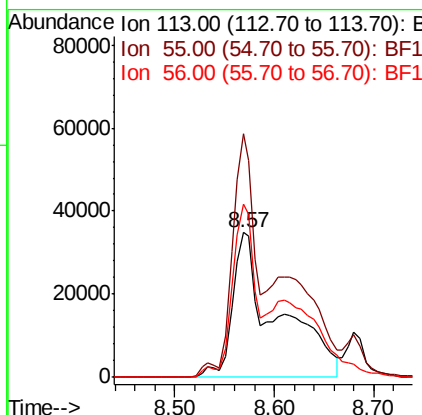
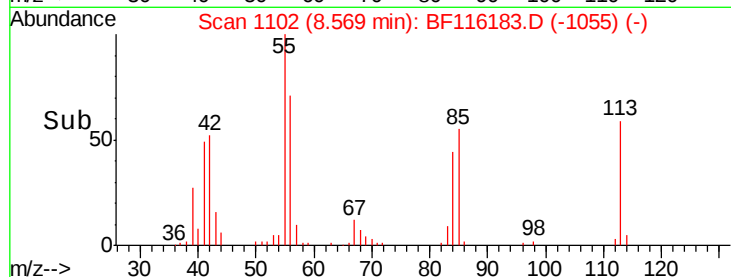
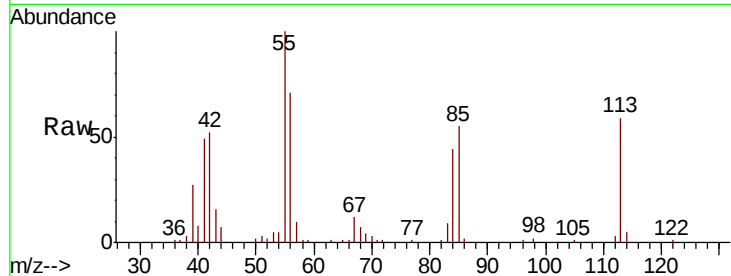
#35
Caprolactam
Concen: 42.162 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	168.6		144.3	184.3	
56	119.8		97.1	137.1	

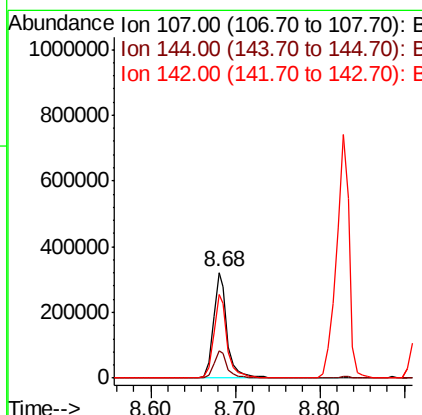
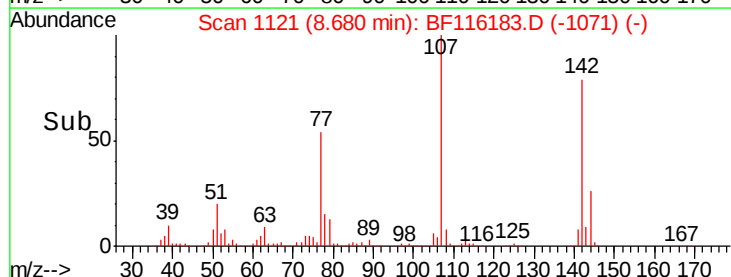
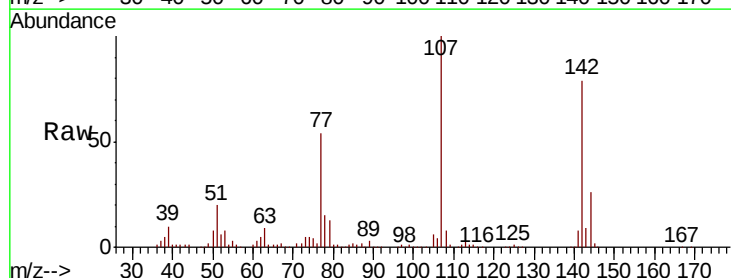
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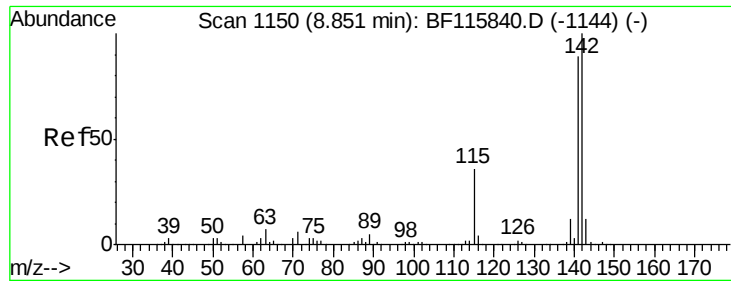
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#36
4-Chloro-3-methylphenol
Concen: 44.485 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.6		20.2	30.2	
142	78.9		61.7	92.5	





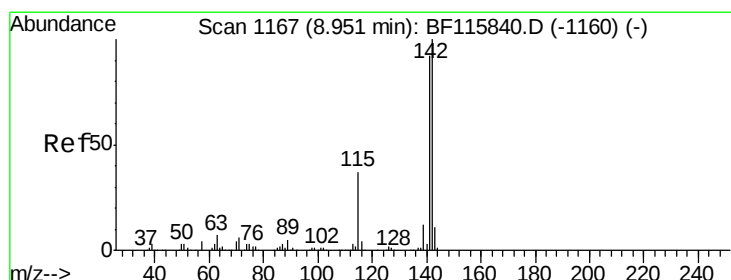
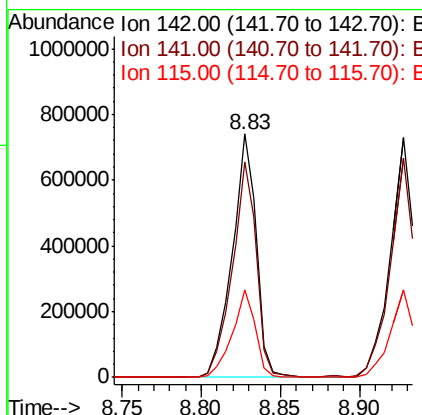
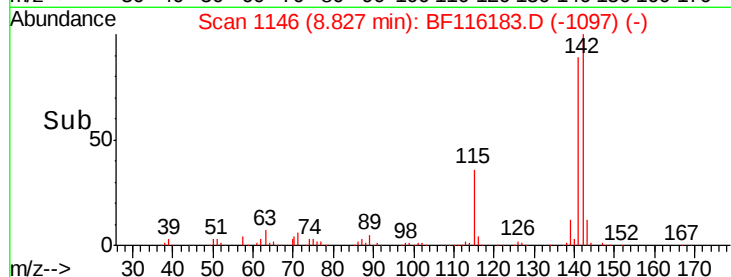
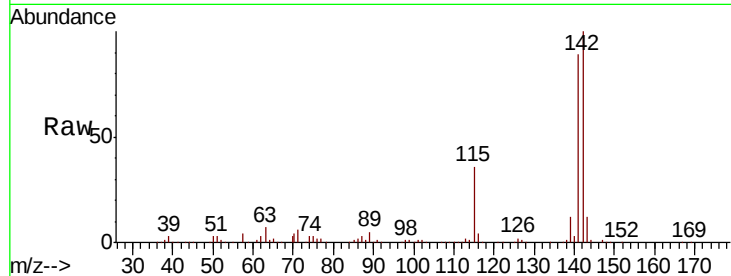
#37
2-Methylnaphthalene
Concen: 43.977 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3
115	36.0	29.0	43.6

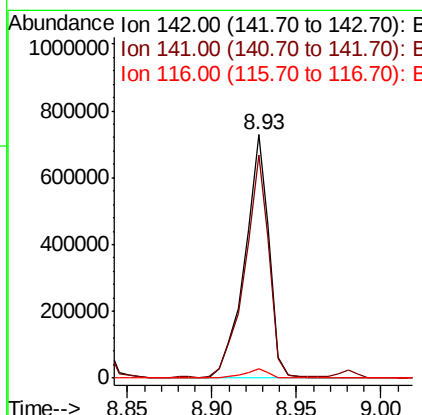
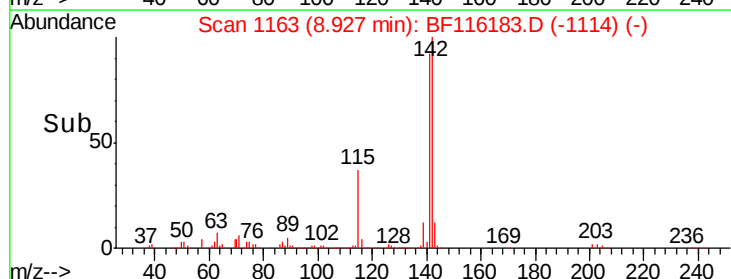
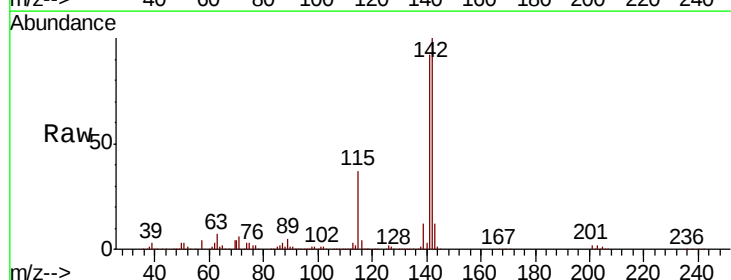
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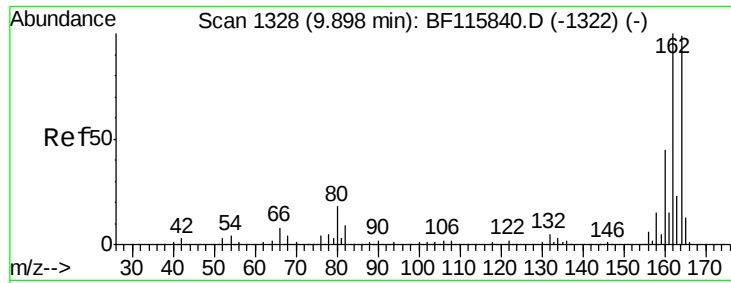
mohammad
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#38
1-Methylnaphthalene
Concen: 43.321 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.4	111.6
116	3.9	3.1	4.7





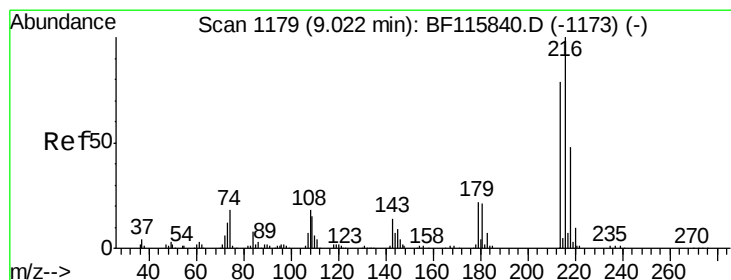
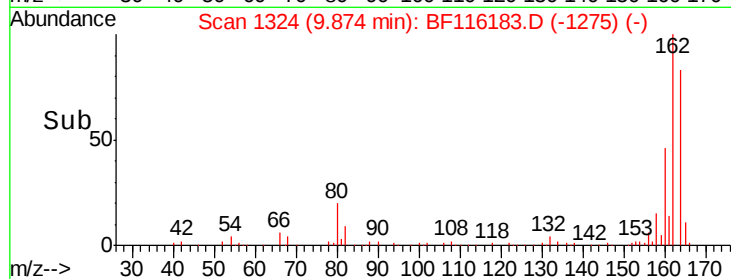
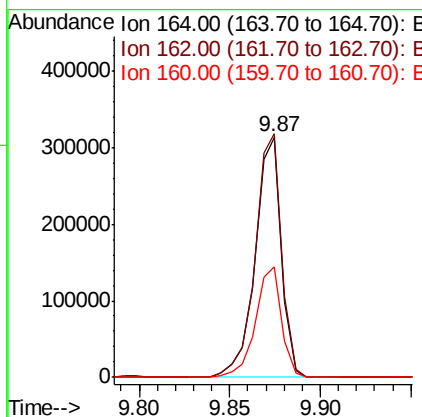
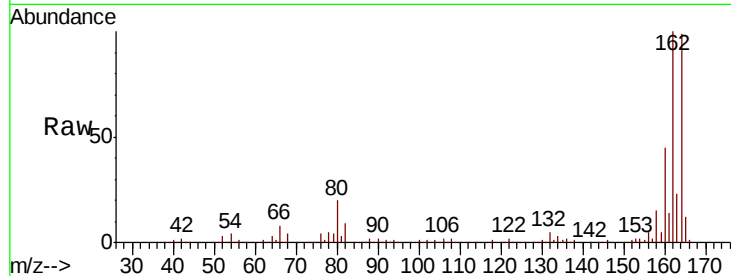
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	82.6	124.0	
160	46.0	37.6	56.4	

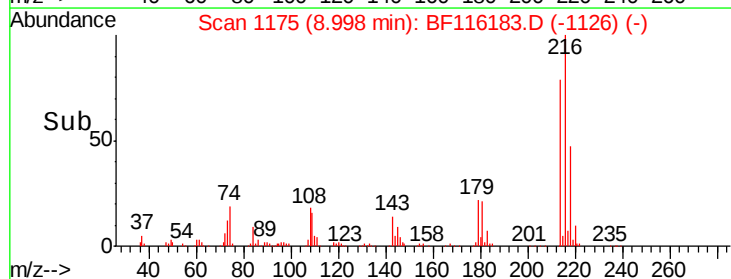
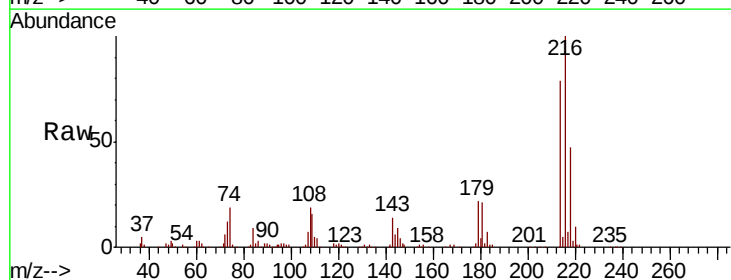
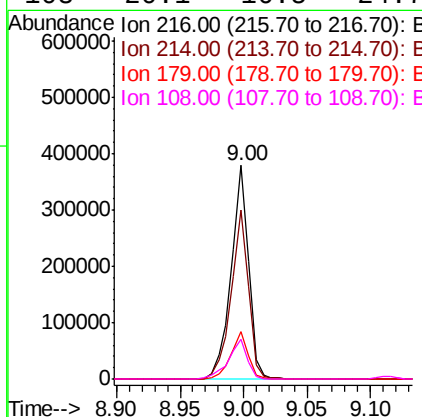
Manual Integrations
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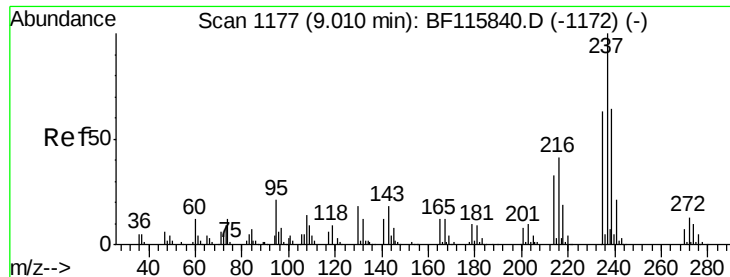
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.725 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	63.6	95.4	
179	21.8	17.8	26.8	
108	20.1	16.5	24.7	





#41

Hexachlorocyclopentadiene

Concen: 41.268 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

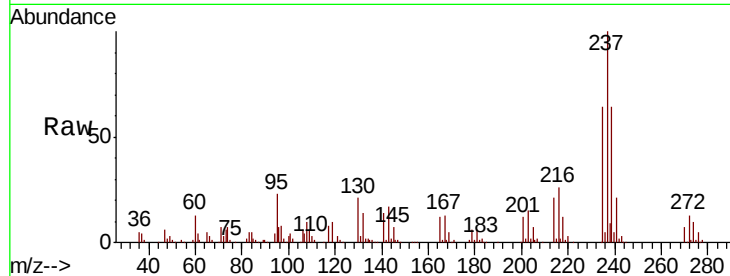
ClientSampleId :

PB122127BS

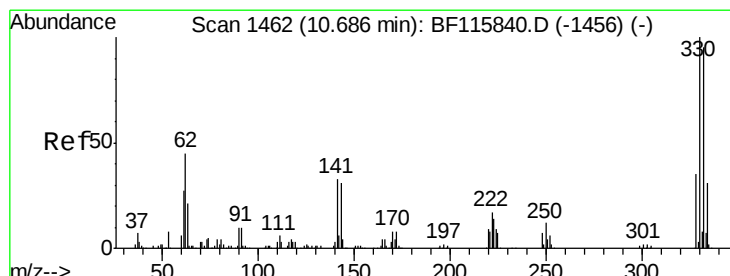
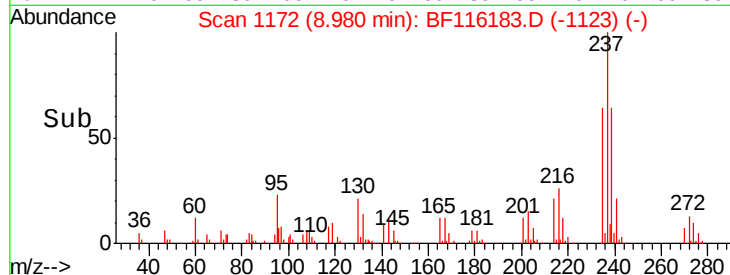
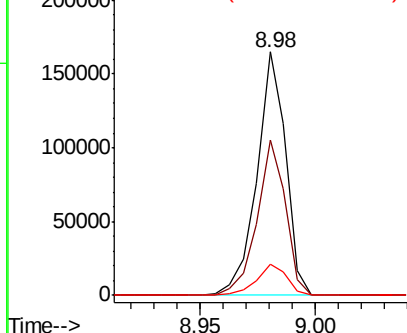
Tot Ion:	237	Resp:	143919
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.4	83.4
272	12.9	0.0	33.2

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 114.093 ng

RT: 10.67 min Scan# 1459

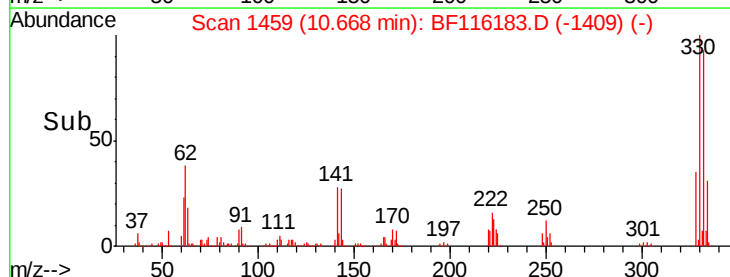
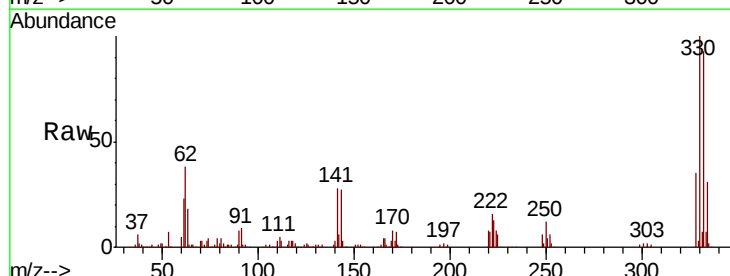
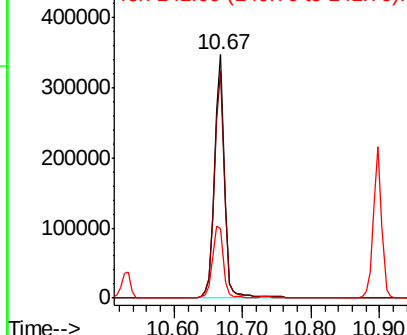
Delta R.T. -0.01 min

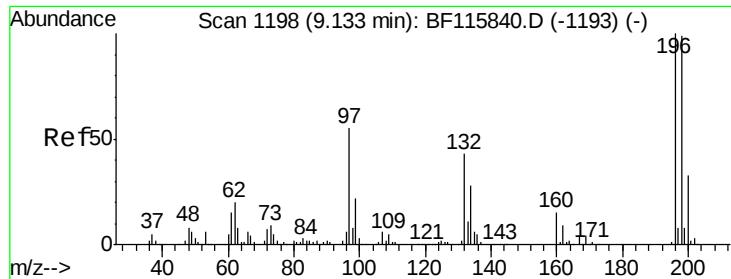
Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Tgt Ion:	330	Resp:	347502
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.8	115.2
141	32.8	26.3	39.5

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





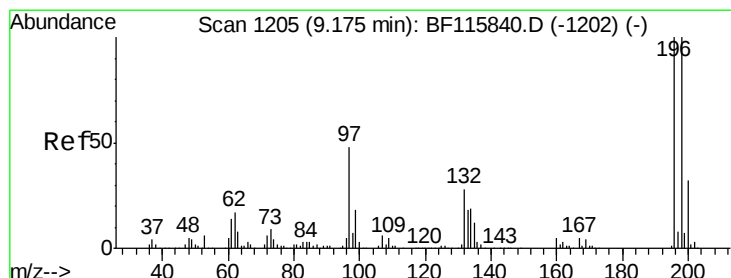
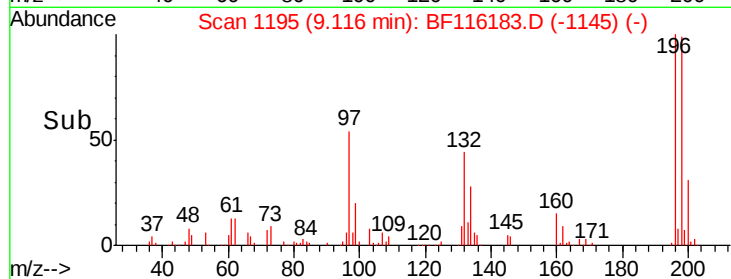
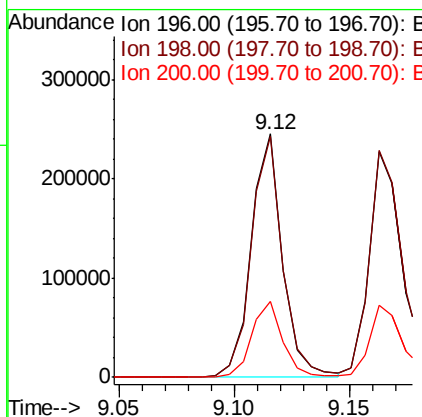
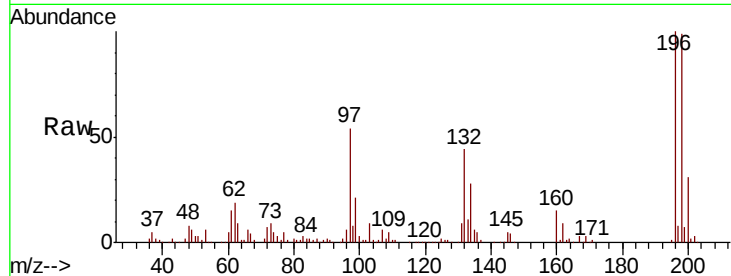
#43
 2,4,6-Trichlorophenol
 Concen: 40.290 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		232910		
198	99.2	79.2	118.8		
200	31.3	25.2	37.8		

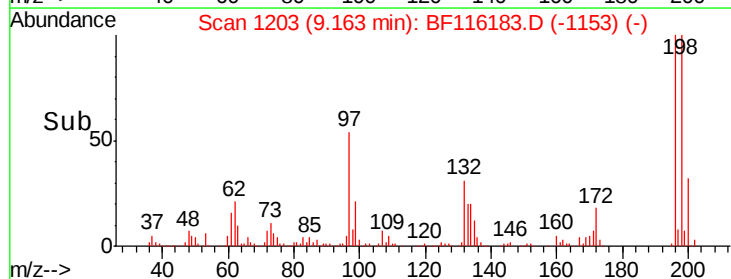
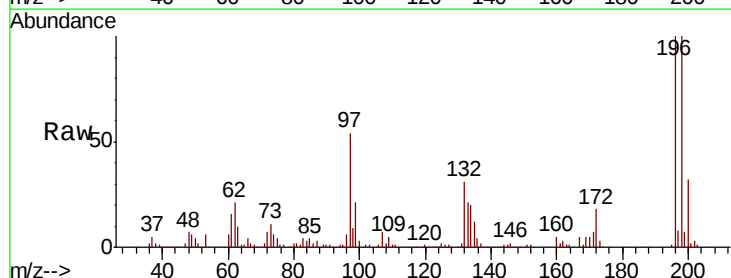
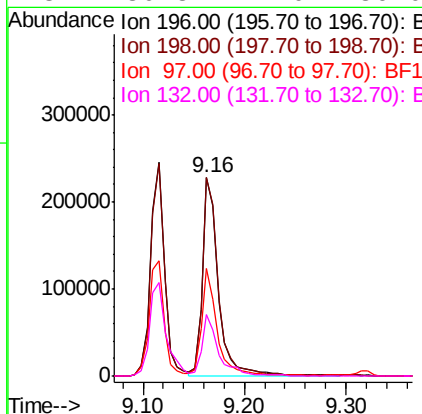
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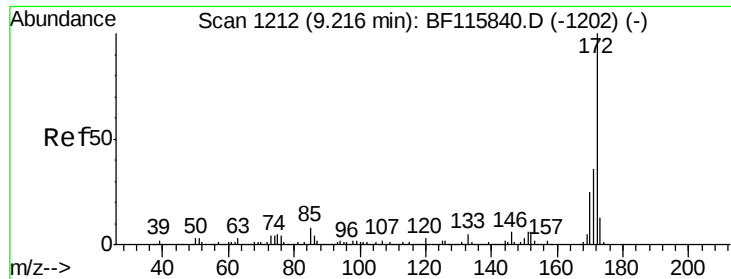
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.251 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		246499		
198	100.3	78.8	118.2		
97	54.2	42.2	63.4		
132	30.8	24.0	36.0		





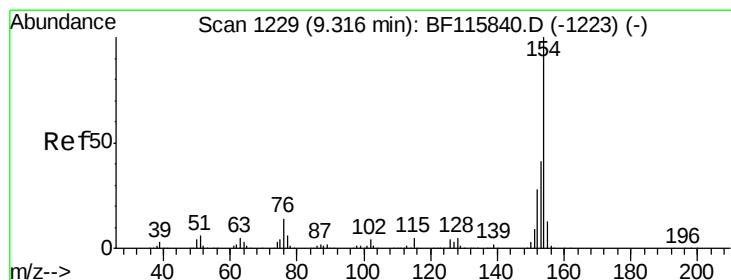
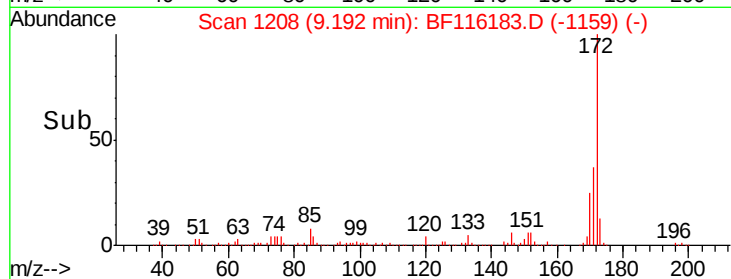
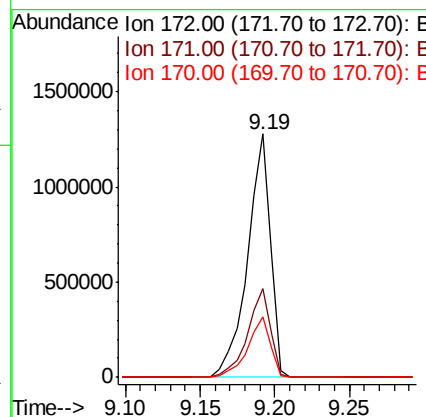
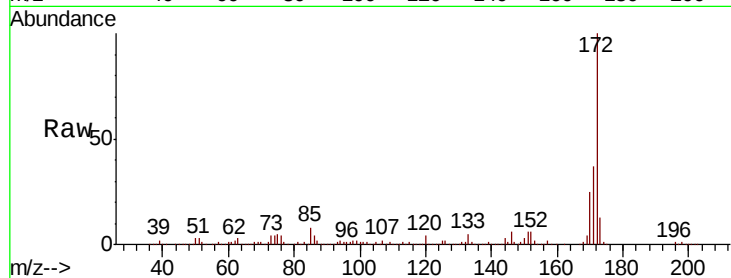
#45
2-Fluorobiphenyl
Concen: 80.825 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.0	20.1	30.1

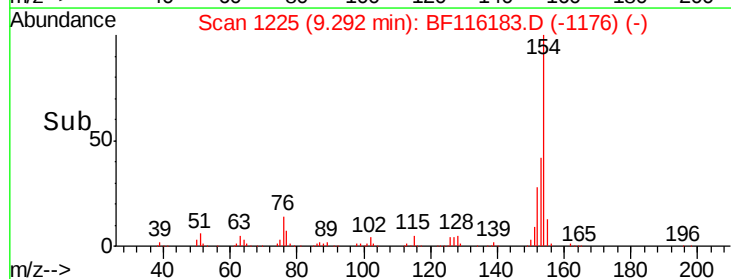
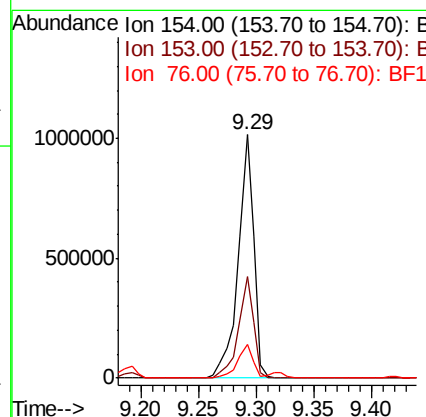
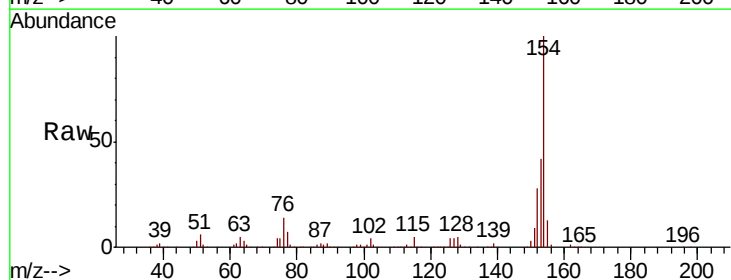
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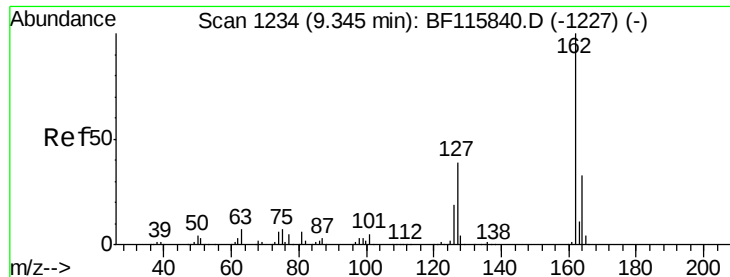
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#46
1,1'-Biphenyl
Concen: 42.637 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.4	61.4
76	14.0	0.0	35.2





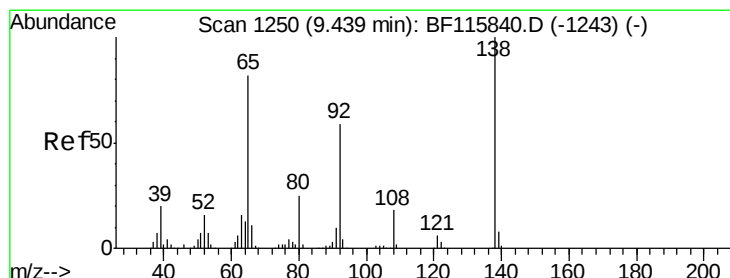
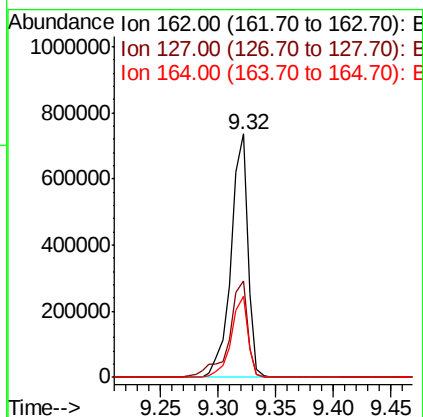
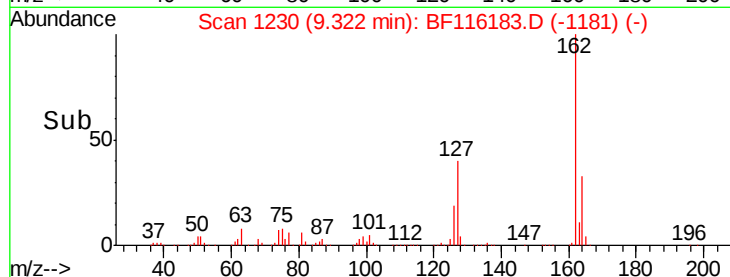
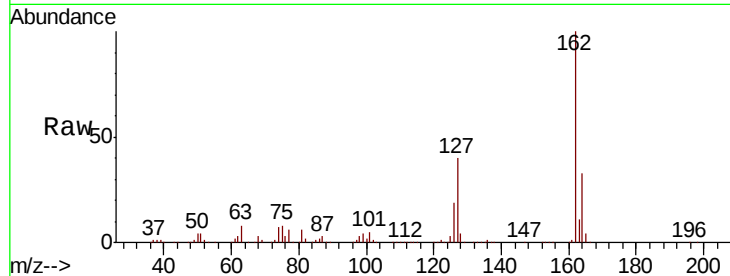
#47
2-Chloronaphthalene
Concen: 40.388 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	745545		
127	39.8		32.8	49.2
164	33.2		26.6	39.8

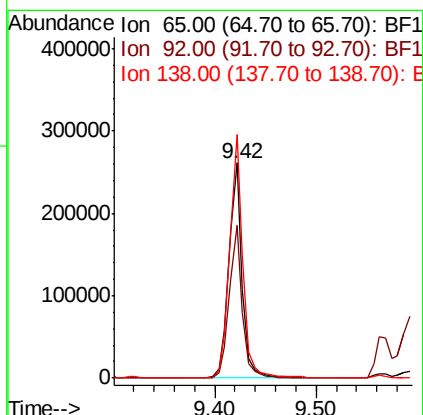
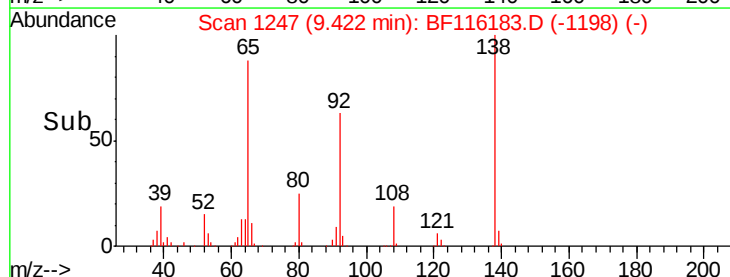
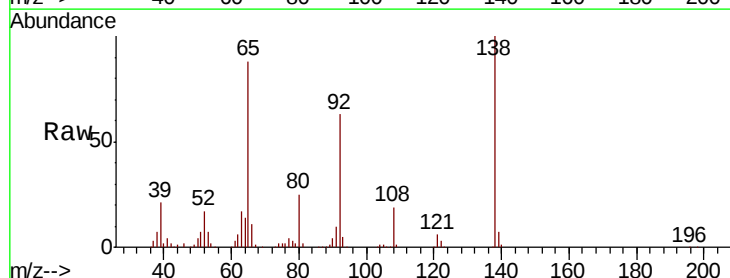
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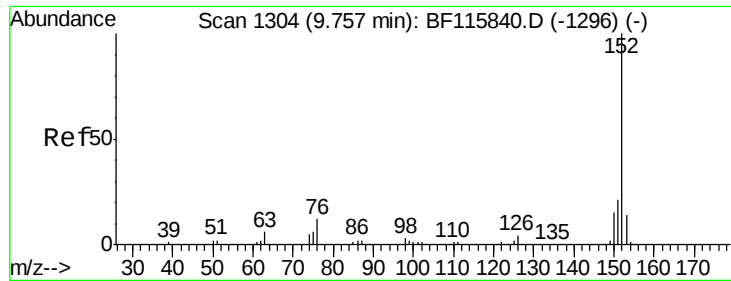
mohammad
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#48
2-Nitroaniline
Concen: 39.009 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	238016		
92	71.1		57.8	86.8
138	113.2		94.0	141.0





#49

Acenaphthylene

Concen: 41.757 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

Tot Ion:152 Resp: 1124534

Ion Ratio Lower Upper

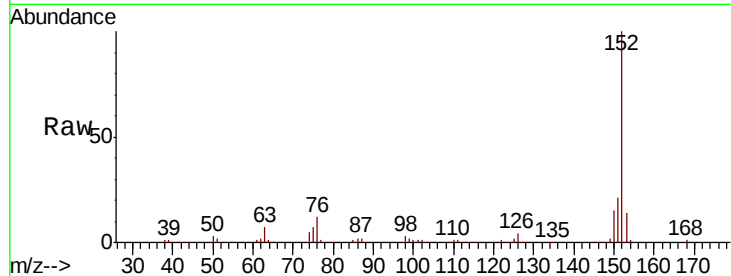
152 100

151 20.8 17.2 25.8

153 14.3 11.8 17.8

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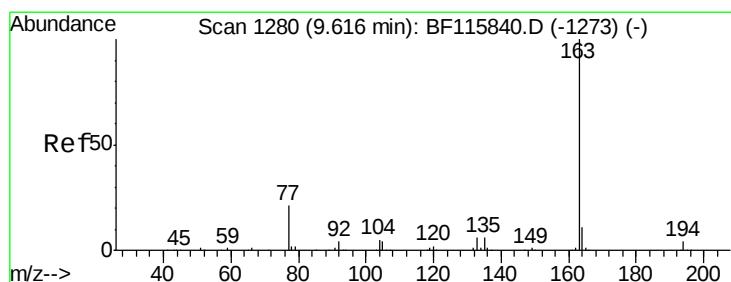
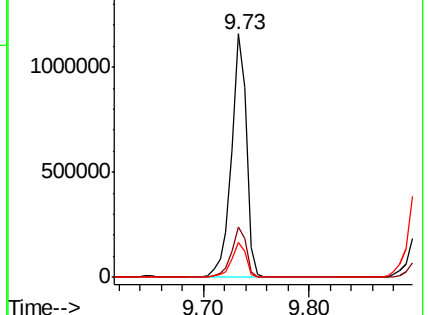
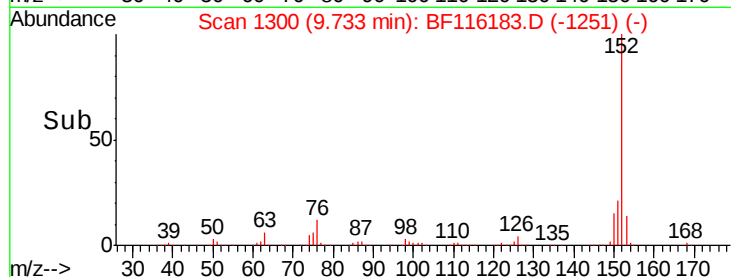


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.757 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

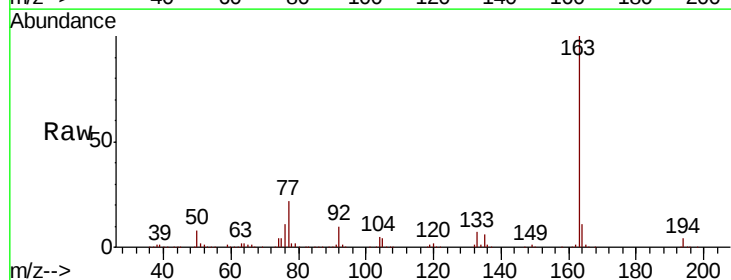
Tgt Ion:163 Resp: 893198

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.7 8.4 12.6

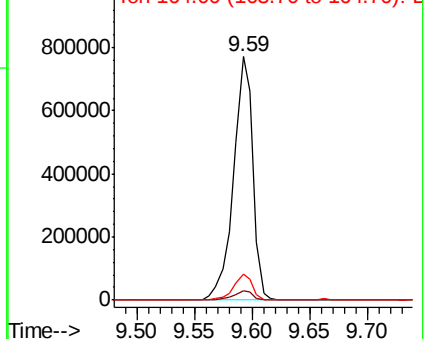
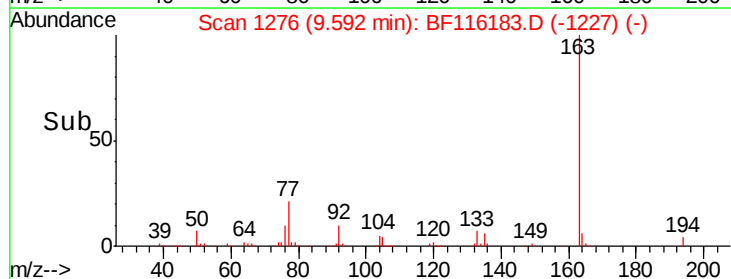


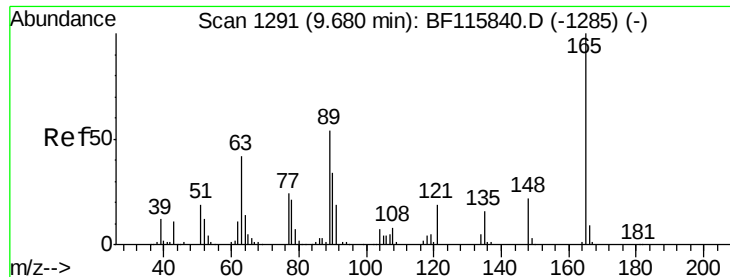
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.265 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

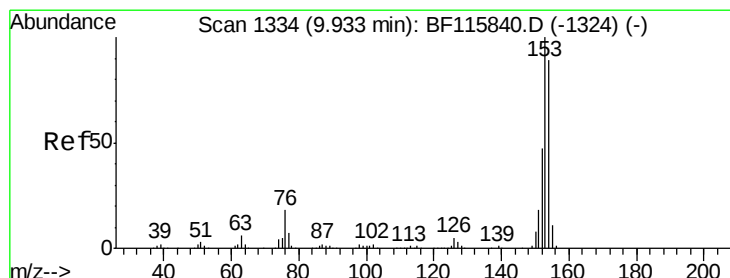
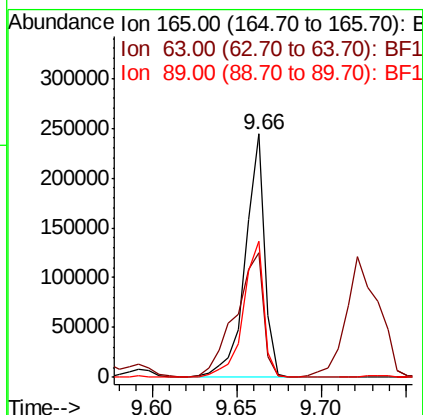
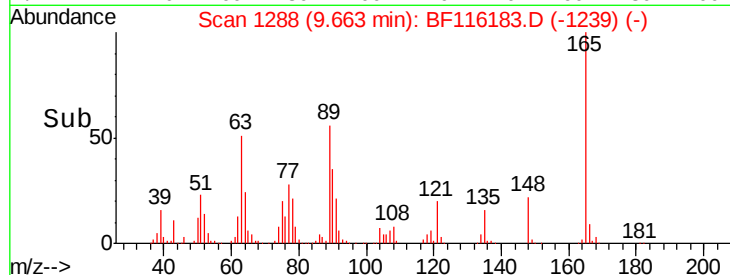
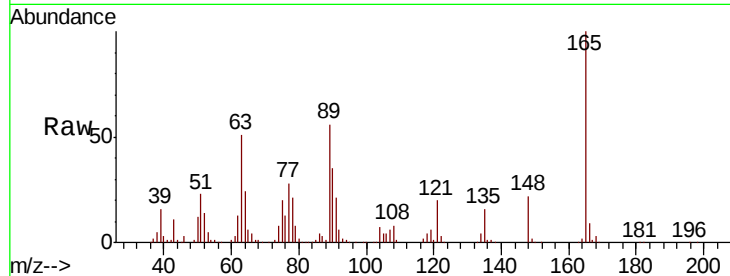
ClientSampleId :

PB122127BS

Tot Ion:	165	Resp:	196465
Ion Ratio		Lower	Upper
165	100		
63	51.1	38.2	57.2
89	55.6	42.9	64.3

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#52

Acenaphthene

Concen: 41.095 ng

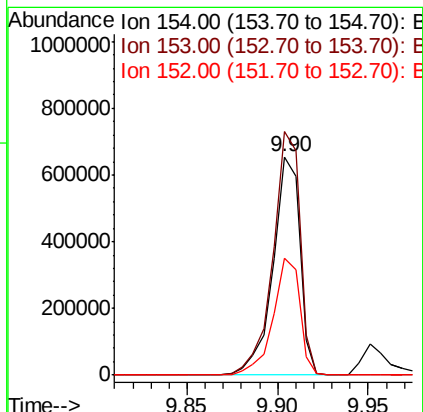
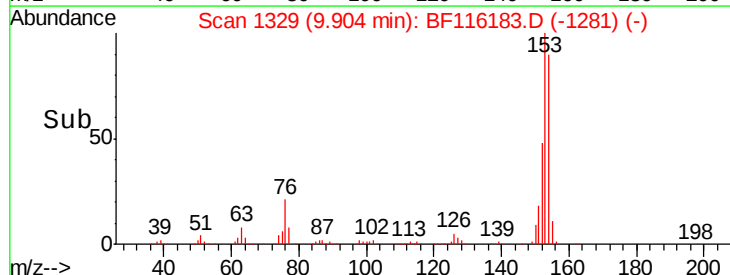
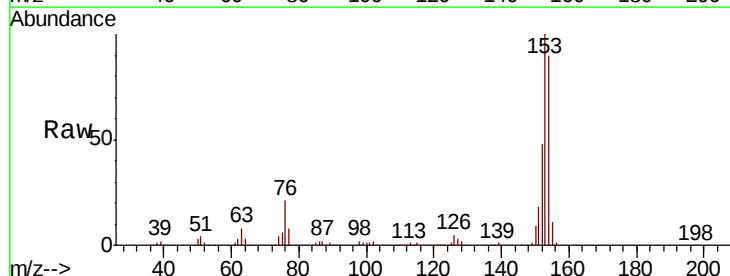
RT: 9.90 min Scan# 1329

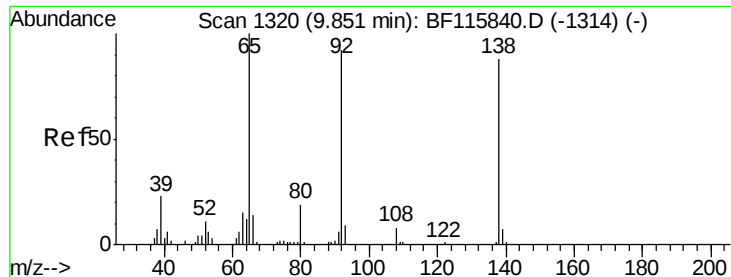
Delta R.T. -0.02 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Tgt Ion:	154	Resp:	678960
Ion Ratio		Lower	Upper
154	100		
153	111.6	89.4	134.0
152	53.4	42.3	63.5





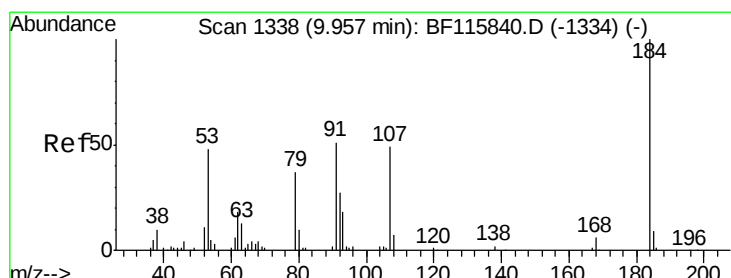
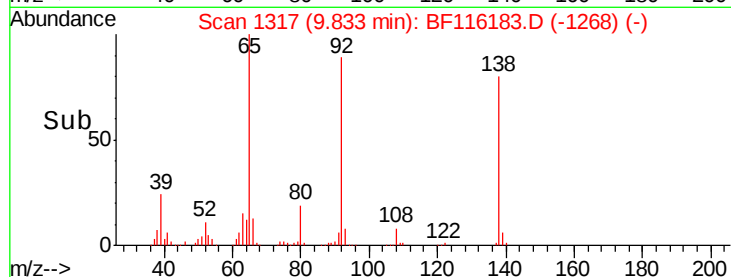
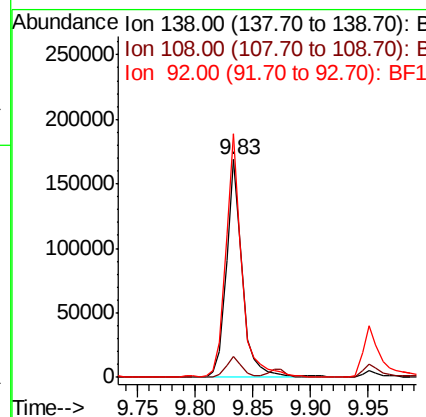
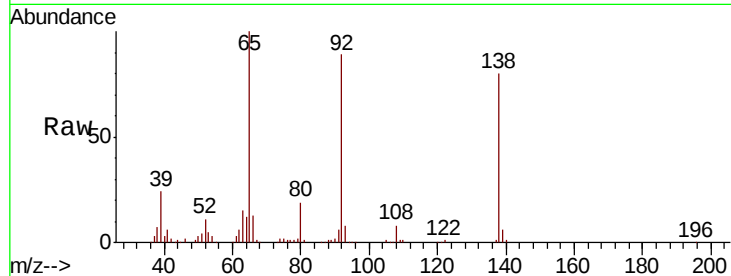
#53
3-Nitroaniline
Concen: 28.340 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.0	12.0
92	111.7	91.0	136.6

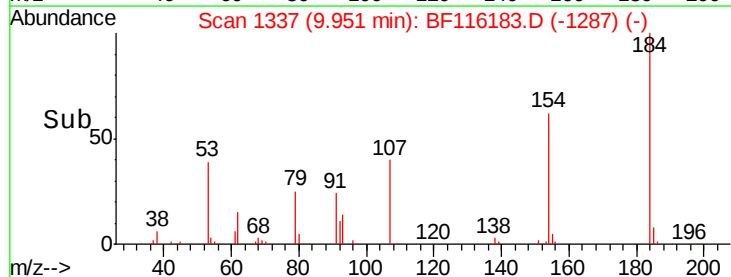
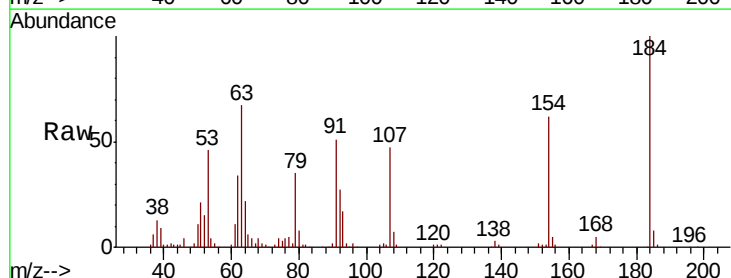
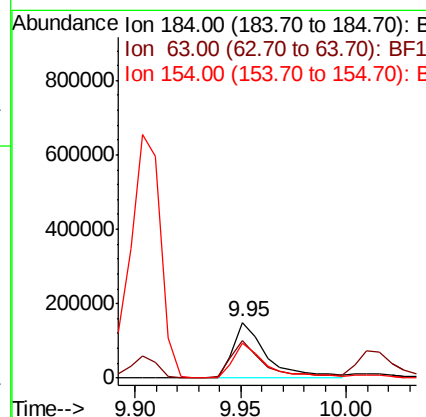
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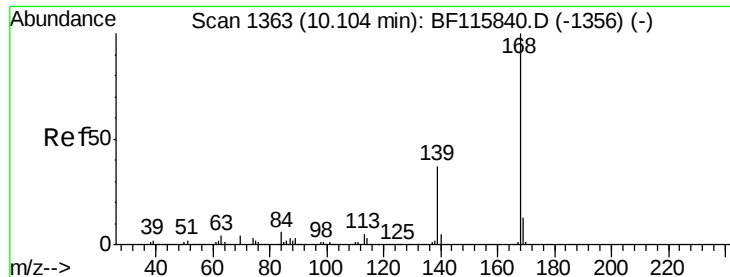
mohammad
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#54
2,4-Dinitrophenol
Concen: 70.435 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.1	53.0	79.4
154	62.4	50.1	75.1





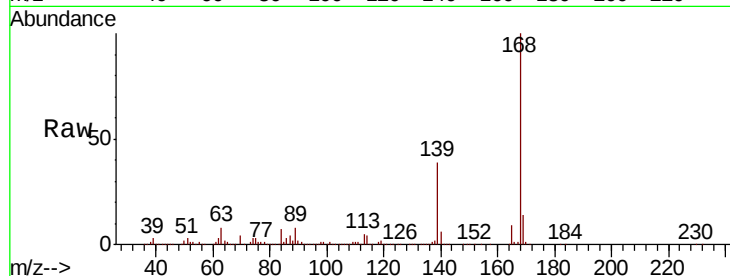
#55
Dibenzofuran
Concen: 40.415 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.4	47.2
169	14.0	10.9	16.3

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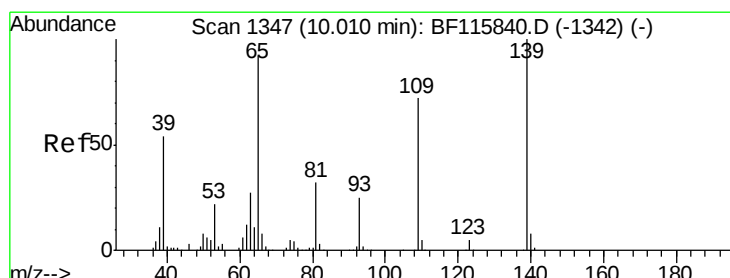
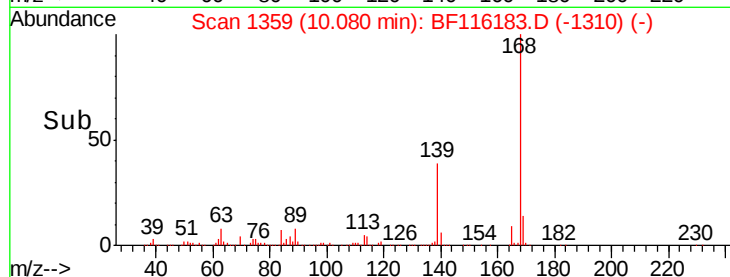
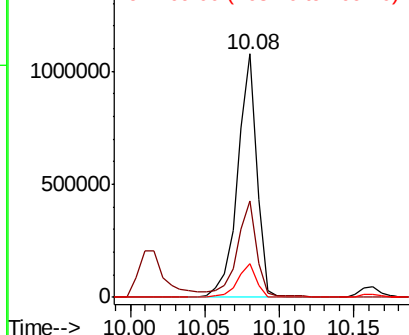


Abundance

Ion 168.00 (167.70 to 168.70): E

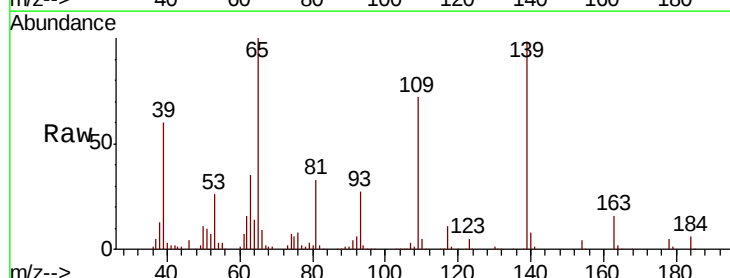
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 71.751 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.8	54.4	94.4
65	101.7	80.6	120.6

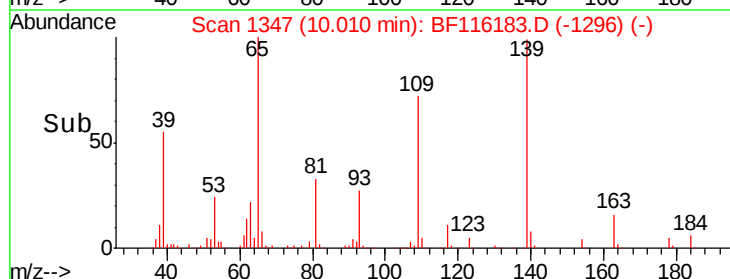
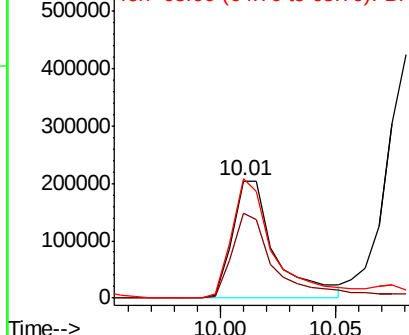


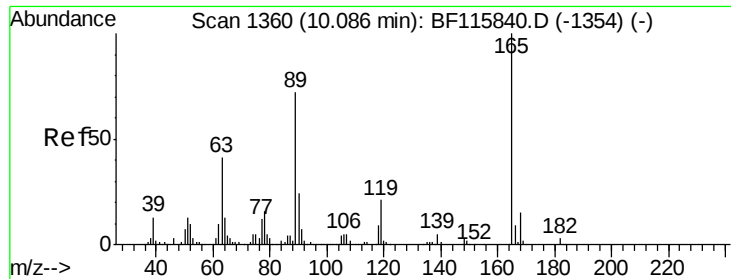
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 40.189 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

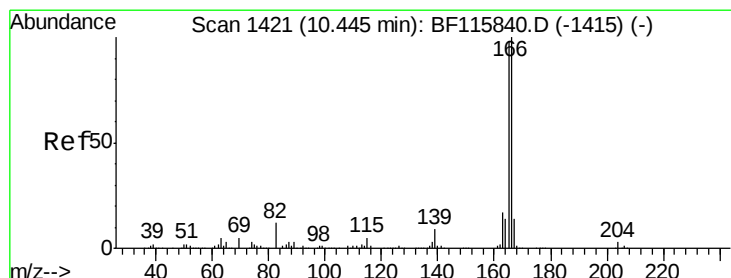
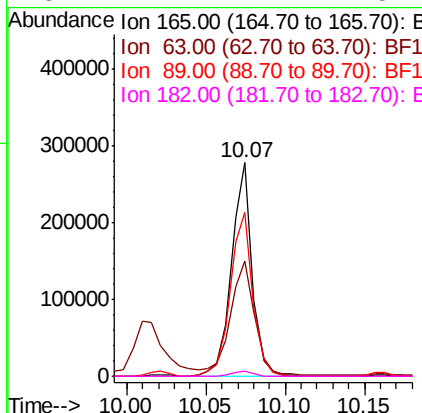
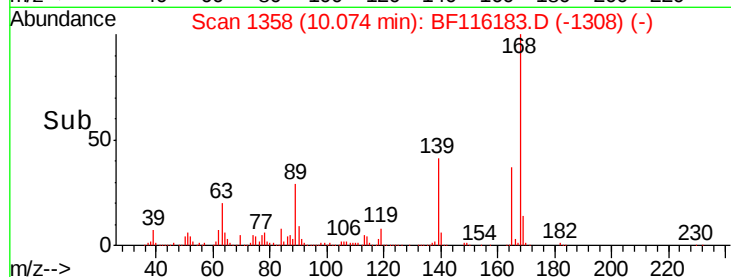
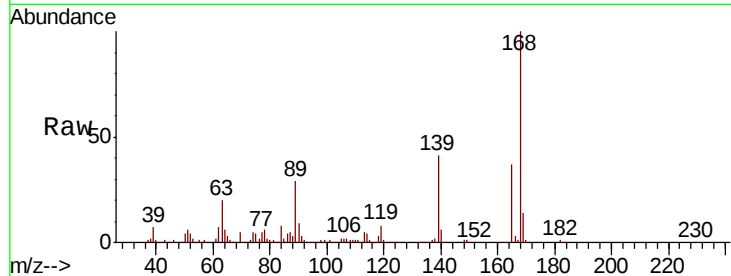
ClientSampleId :

PB122127BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	248731		
63	53.7	39.6	59.4	
89	77.0	62.2	93.2	
182	2.7	2.1	3.1	

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#58

Fluorene

Concen: 42.999 ng

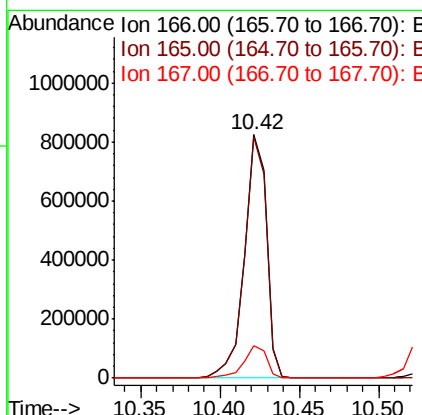
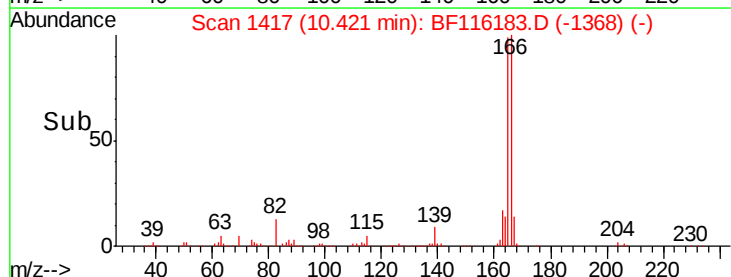
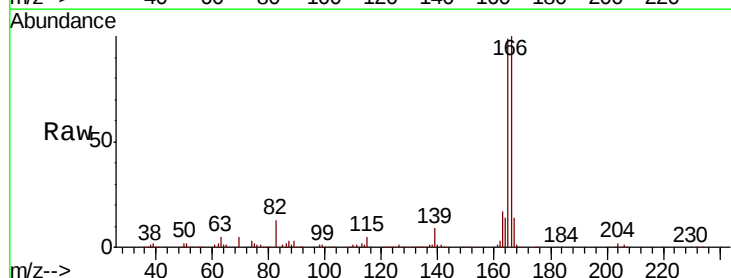
RT: 10.42 min Scan# 1417

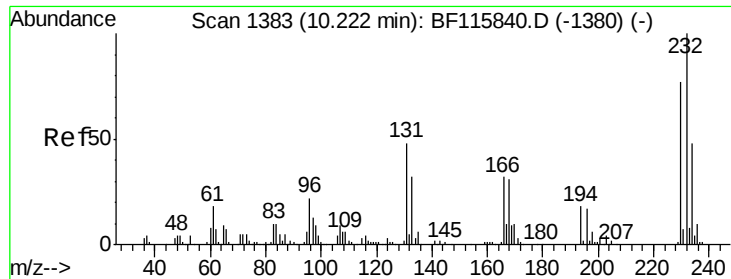
Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	794853		
165	99.0	78.4	117.6	
167	13.6	11.0	16.4	





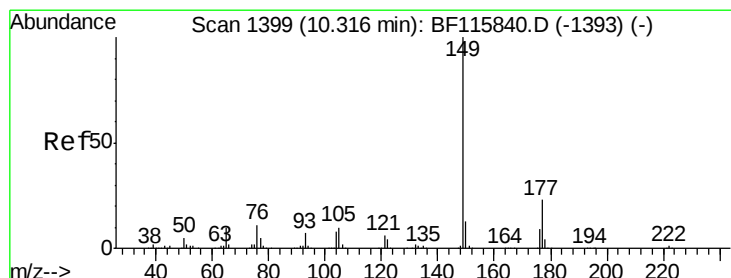
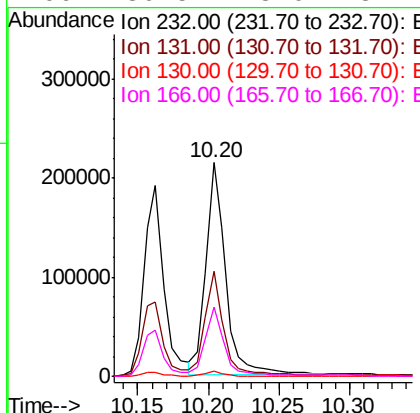
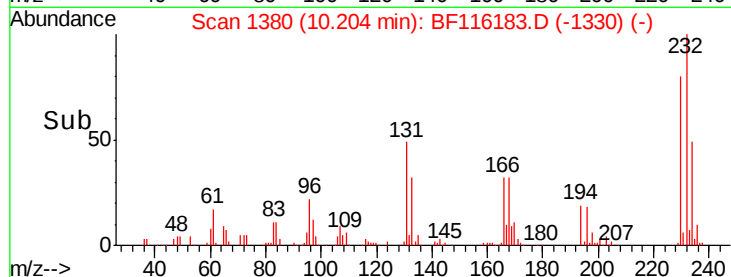
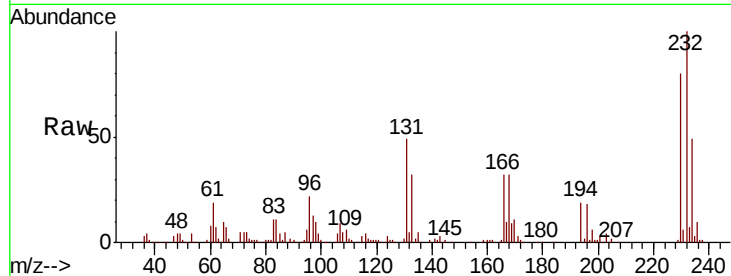
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.306 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	207662		
131	47.1	36.2	54.2	
130	2.3	1.9	2.9	
166	30.5	23.0	34.4	

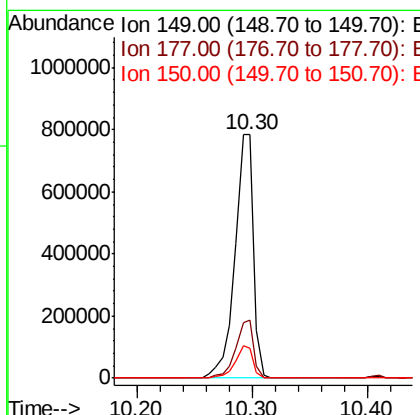
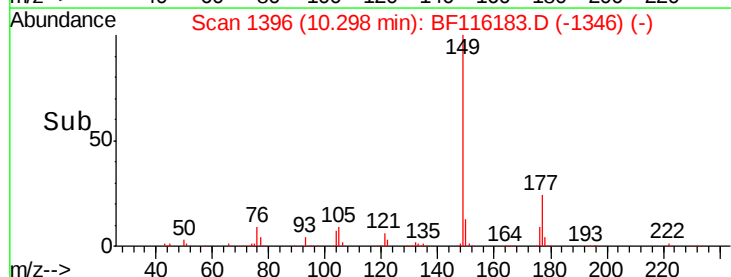
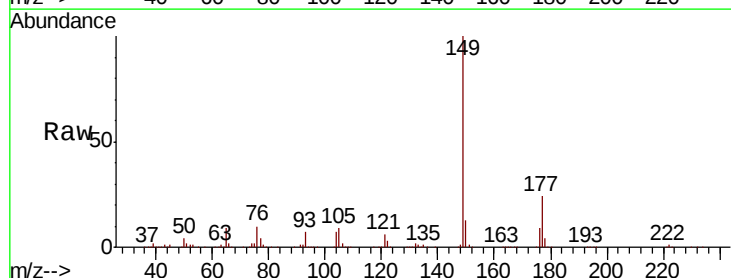
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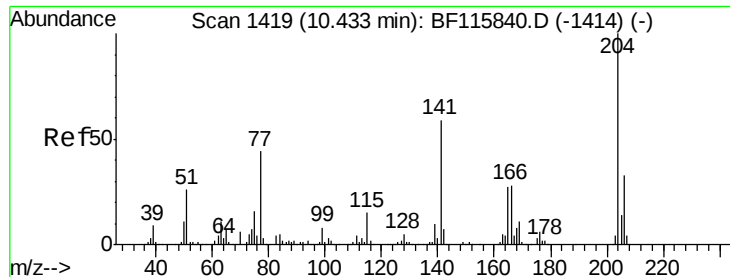
mohammad
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#60
Diethylphthalate
Concen: 43.490 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	868508		
177	23.9	18.8	28.2	
150	12.5	10.2	15.4	





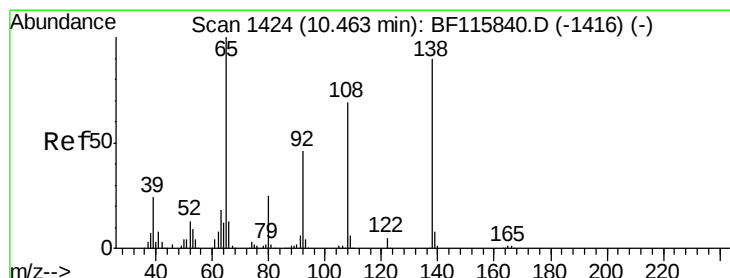
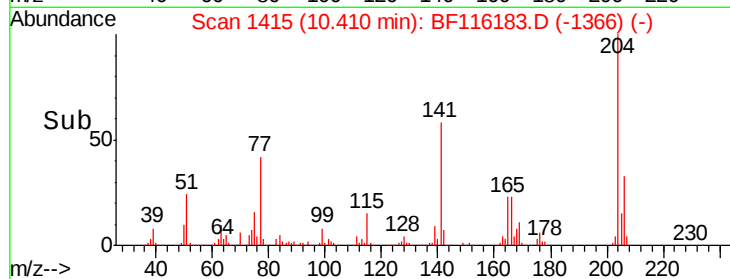
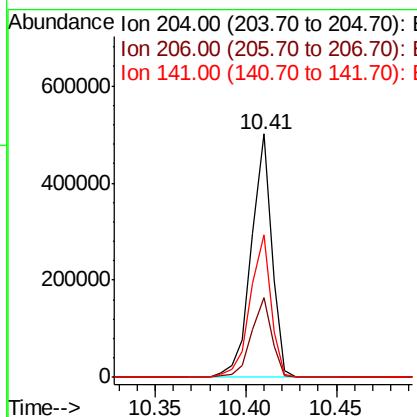
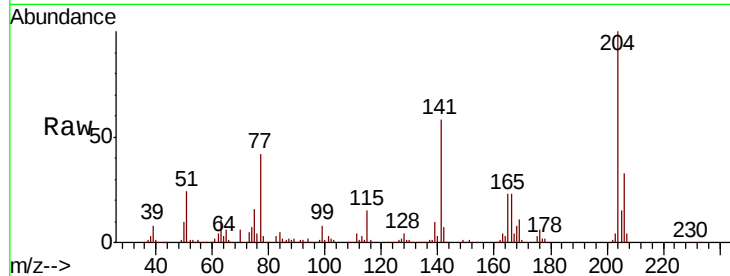
#61
 4-Chlorophenyl-phenylether
 Concen: 42.404 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

Tot Ion:	204	Resp:	396990
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.4	39.6
141	58.3	46.4	69.6

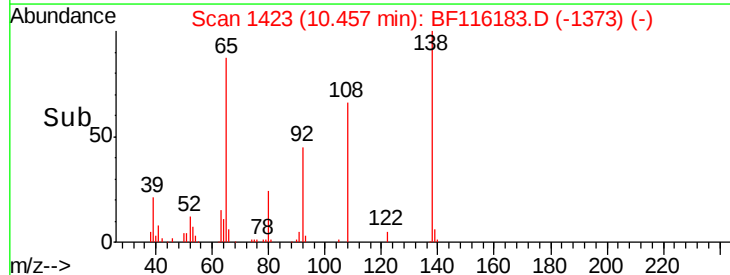
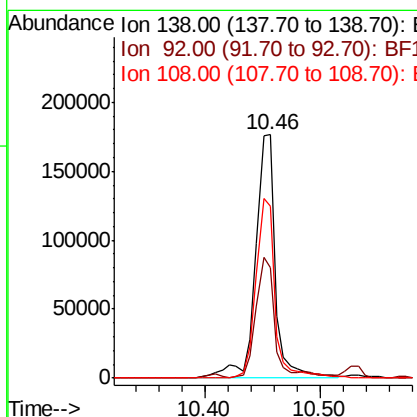
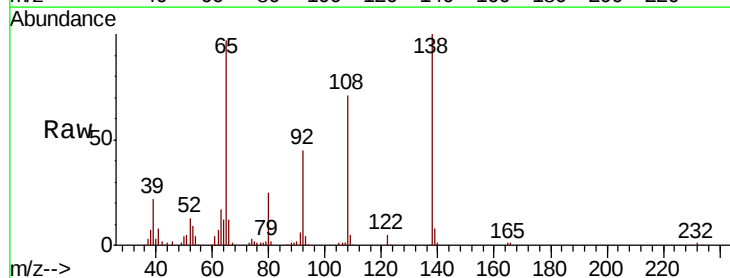
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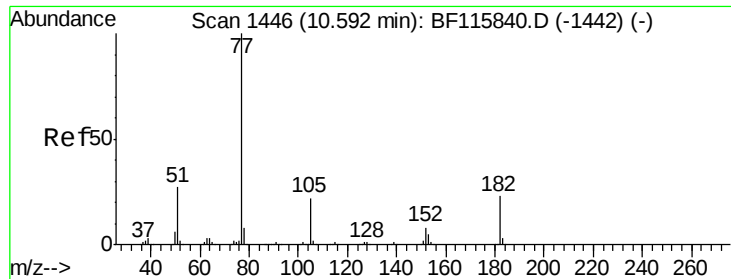
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#62
 4-Nitroaniline
 Concen: 36.043 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion:	138	Resp:	213948
Ion Ratio	Lower	Upper	
138	100		
92	45.4	29.0	69.0
108	70.6	54.7	94.7





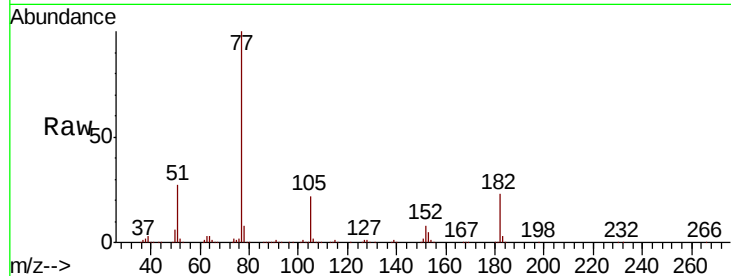
#63
Azobenzene
Concen: 43.023 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

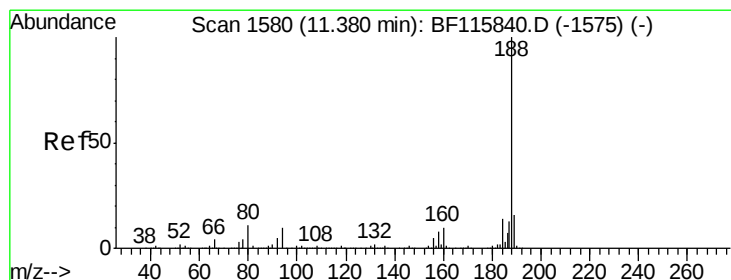
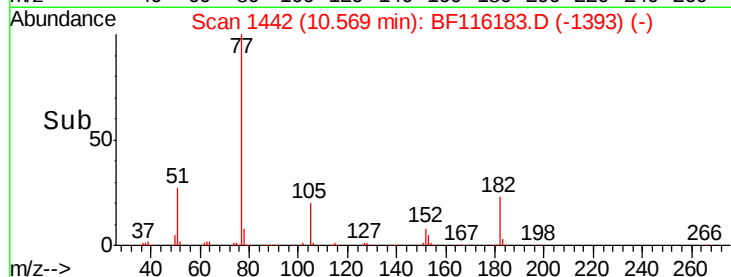
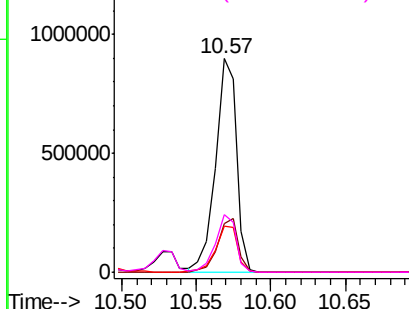
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.6	4.0	44.0		
105	21.8	2.0	42.0		
51	26.9	7.5	47.5		

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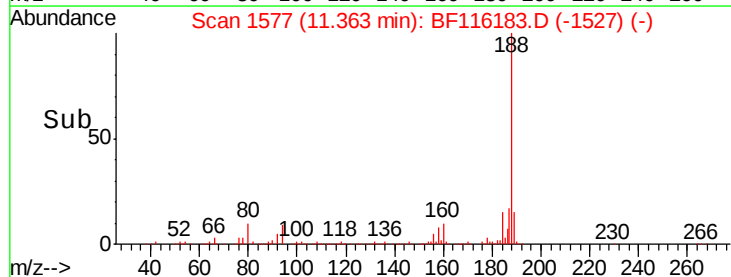
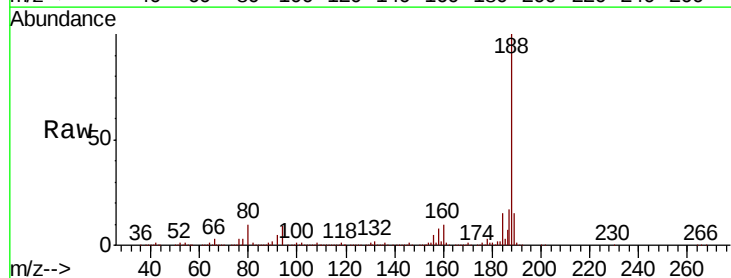
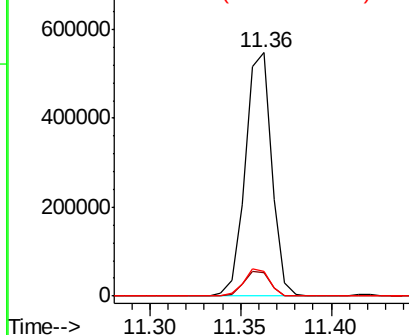
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

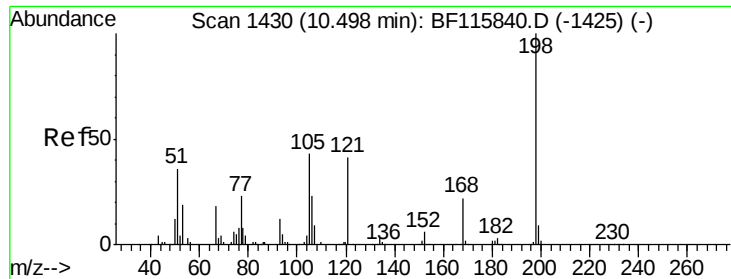


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.4	8.1	12.1		
80	10.2	8.7	13.1		

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





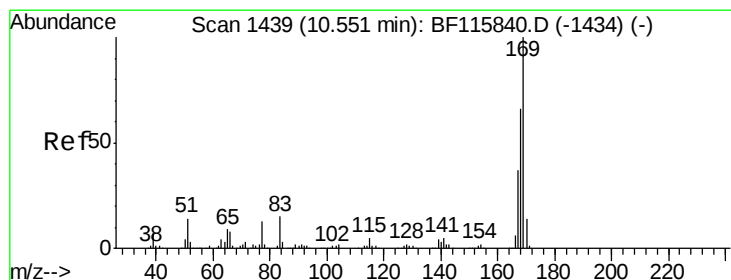
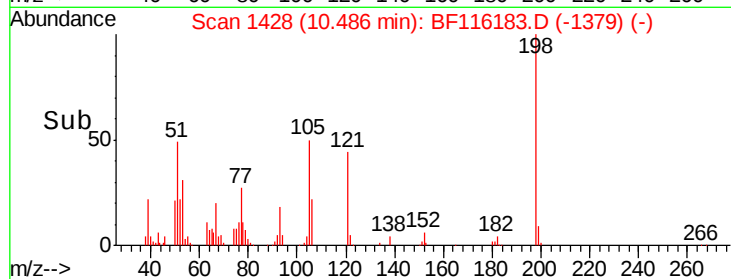
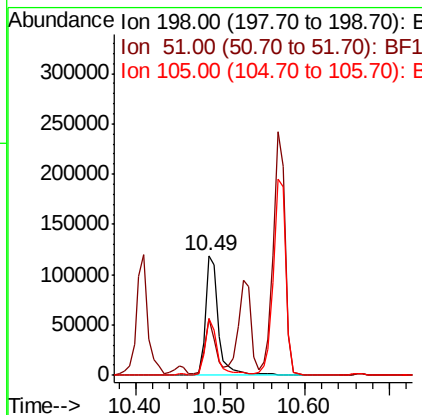
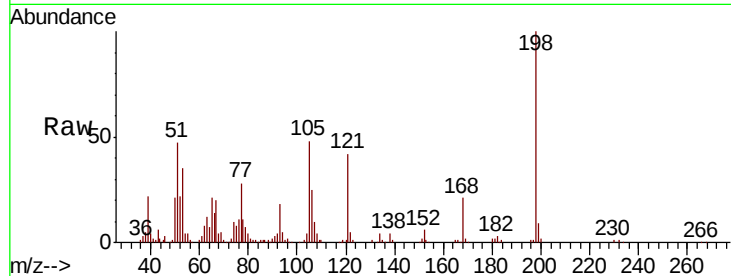
#65
4,6-Dinitro-2-methylphenol
Concen: 42.588 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	125200		
51	47.1	17.0	57.0	
105	47.9	21.6	61.6	

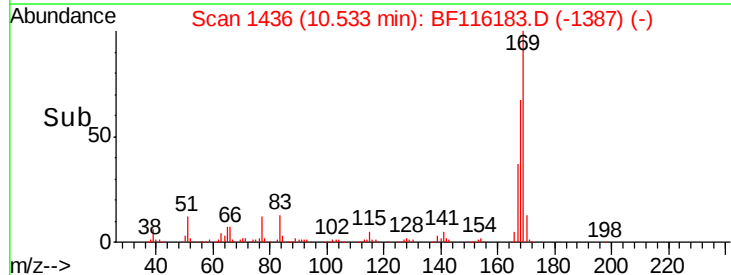
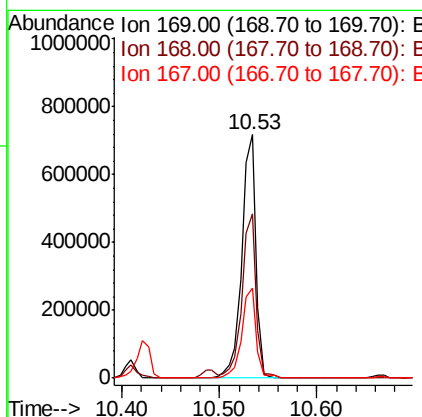
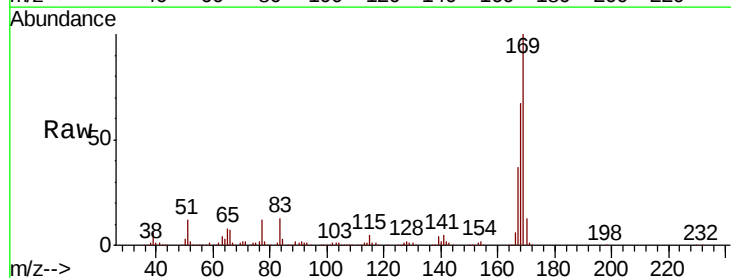
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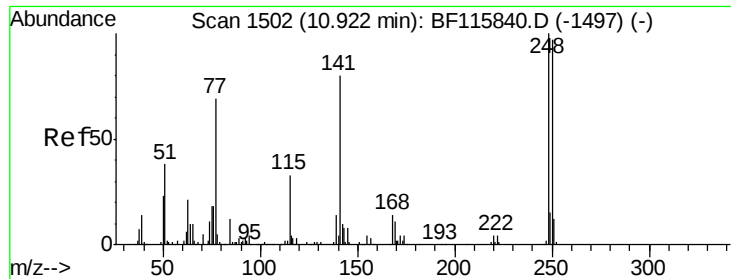
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 42.872 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	715860		
168	67.4	53.8	80.6	
167	37.1	29.6	44.4	





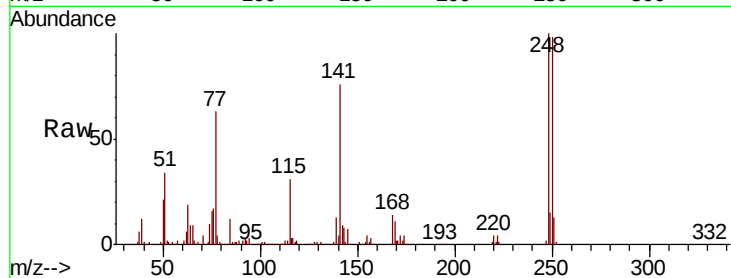
#67
 4-Bromophenyl-phenylether
 Concen: 41.480 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.4	116.2
141	75.7	56.8	85.2

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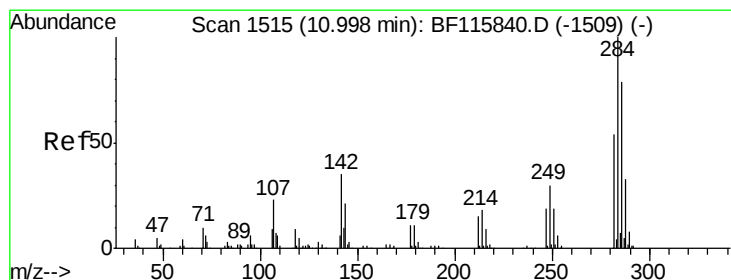
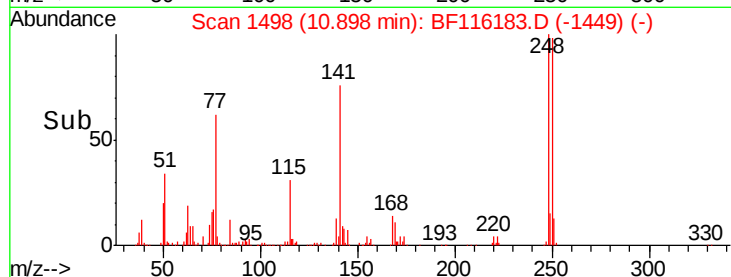
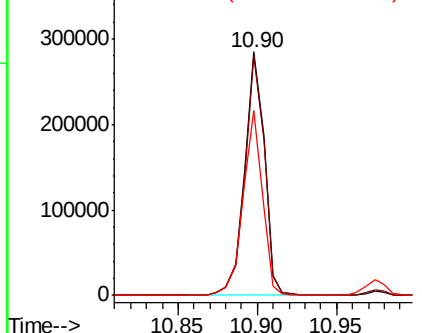


Abundance

Ion 248.00 (247.70 to 248.70): E

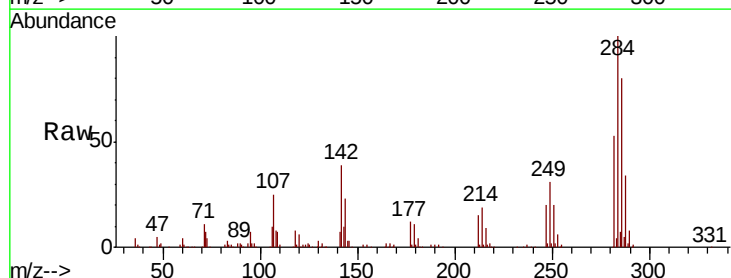
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.848 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.6	28.4	42.6
249	31.5	24.5	36.7

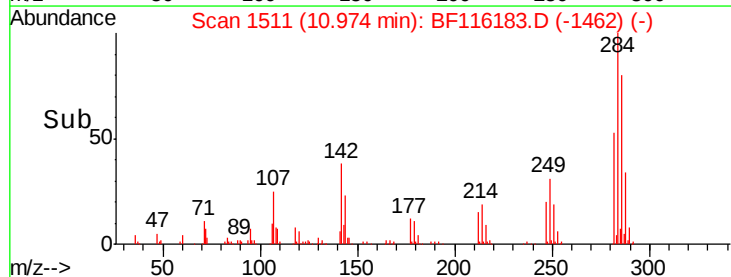
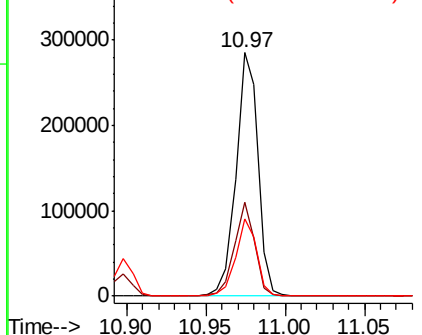


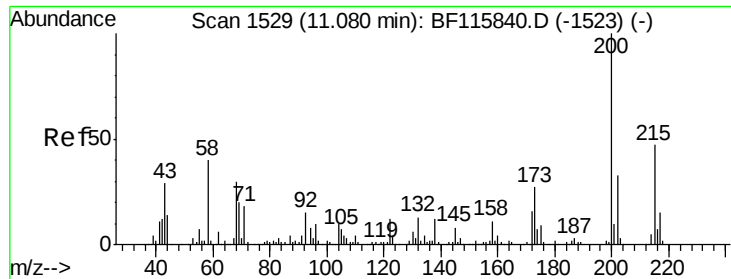
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





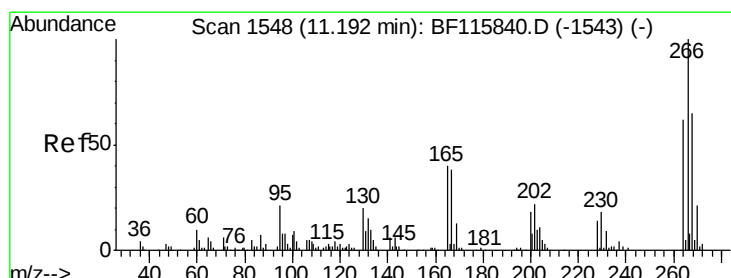
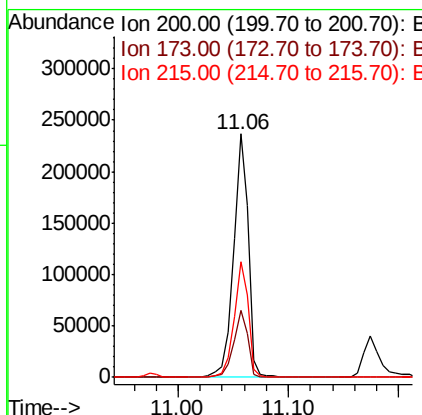
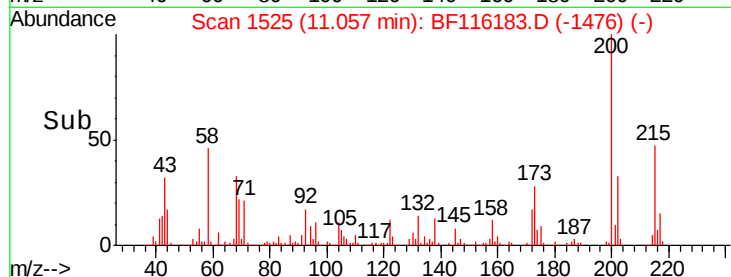
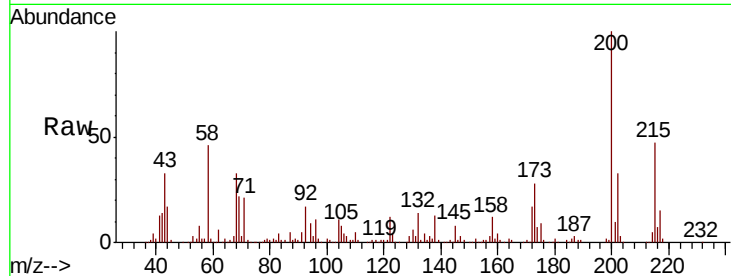
#69
Atrazine
Concen: 40.354 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	221672		
173	27.8	6.8	46.8	
215	47.4	27.5	67.5	

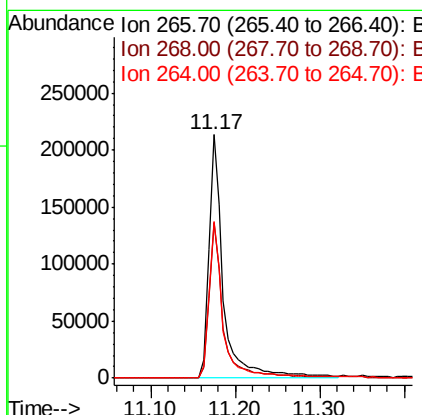
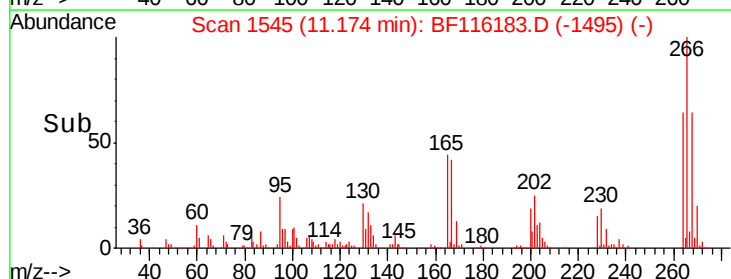
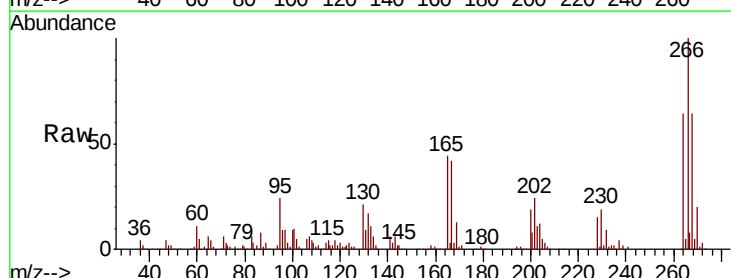
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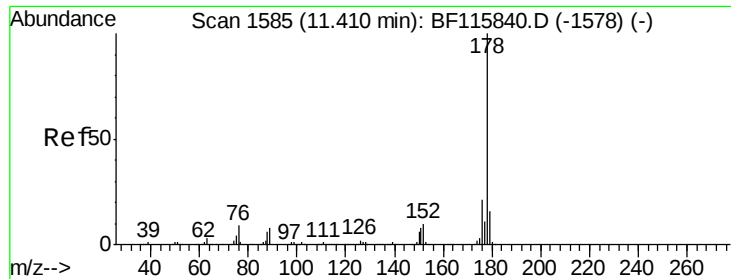
mohammad
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#70
Pentachlorophenol
Concen: 77.249 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	257543		
268	63.9	48.8	73.2	
264	64.1	50.6	76.0	





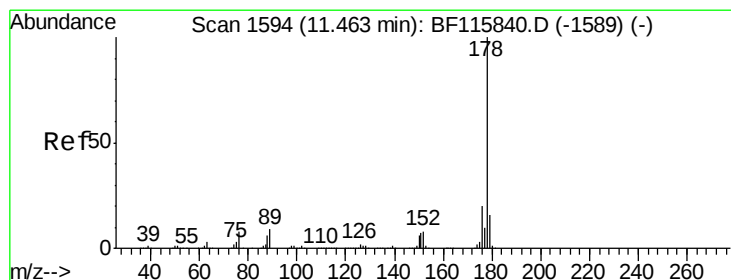
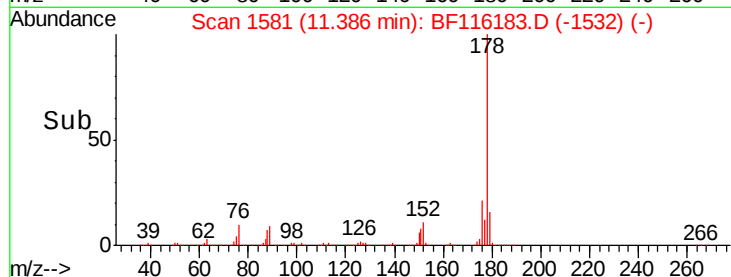
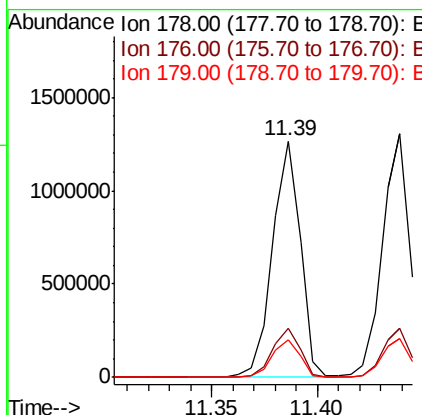
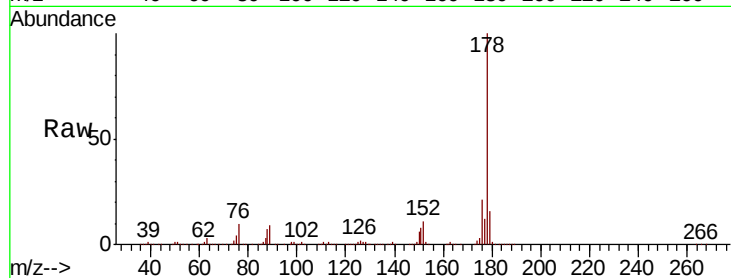
#71
Phenanthrene
Concen: 41.209 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion:178 Resp: 1168703
Ion Ratio Lower Upper
178 100
176 20.7 16.6 24.8
179 16.2 12.5 18.7

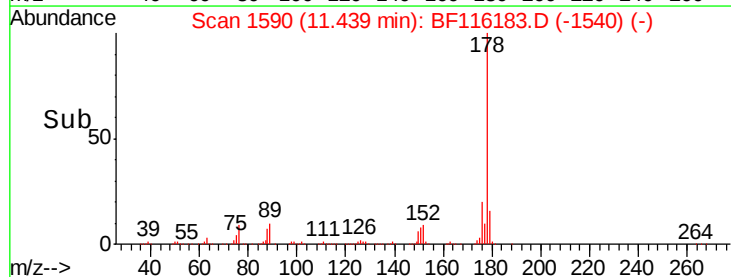
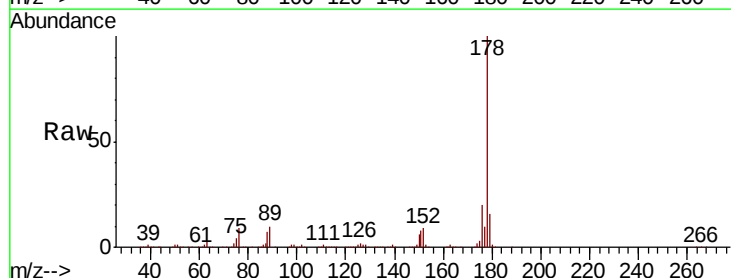
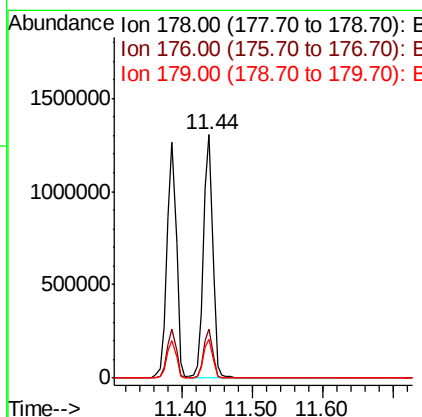
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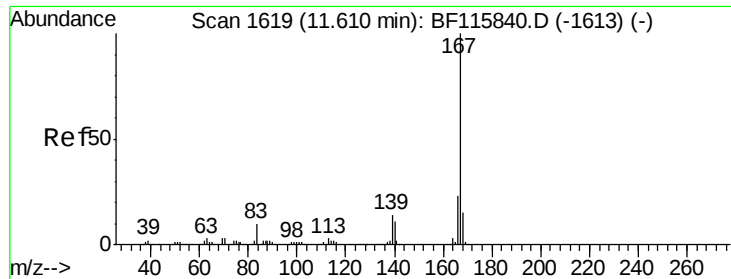
mohammad
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#72
Anthracene
Concen: 41.958 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion:178 Resp: 1204260
Ion Ratio Lower Upper
178 100
176 20.2 15.7 23.5
179 16.0 13.0 19.6





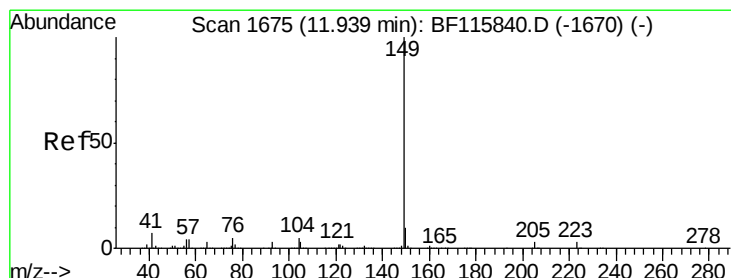
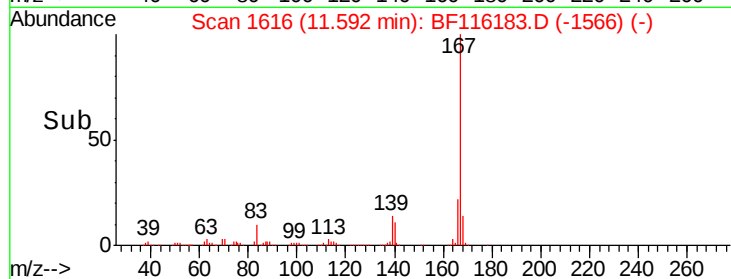
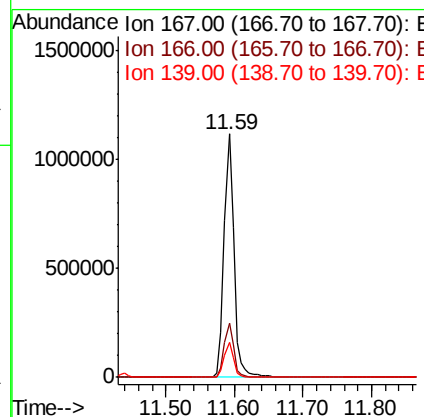
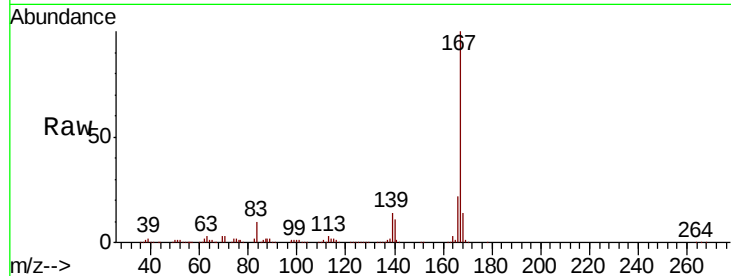
#73
 Carbazole
 Concen: 42.144 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.2	17.8	26.6	
139	14.1	11.4	17.0	

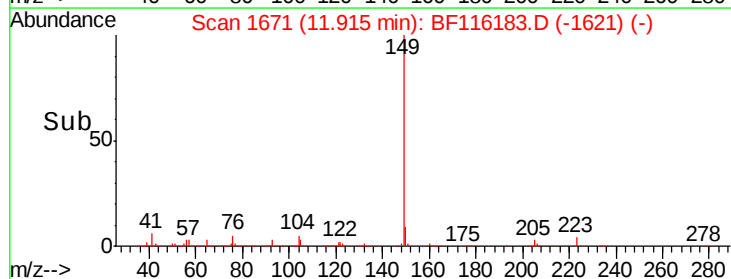
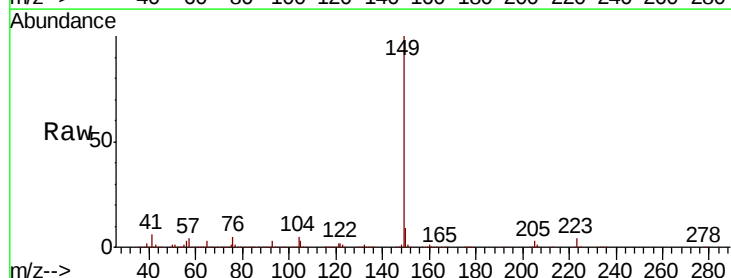
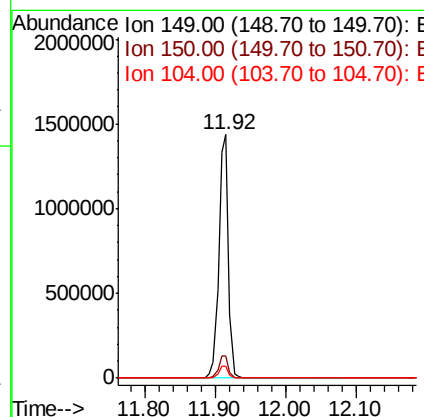
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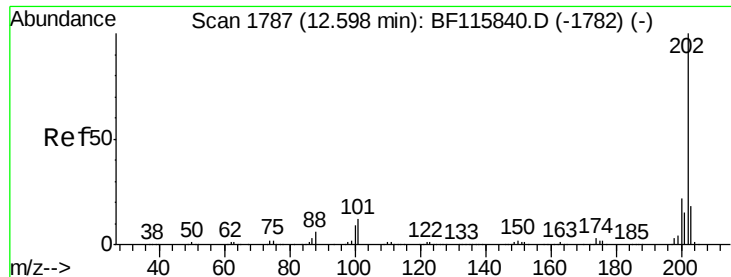
mohammad
 8/14/2019 2:53:21 AM



#74
 Di-n-butylphthalate
 Concen: 44.649 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.3	8.0	12.0	
104	5.0	4.5	6.7	





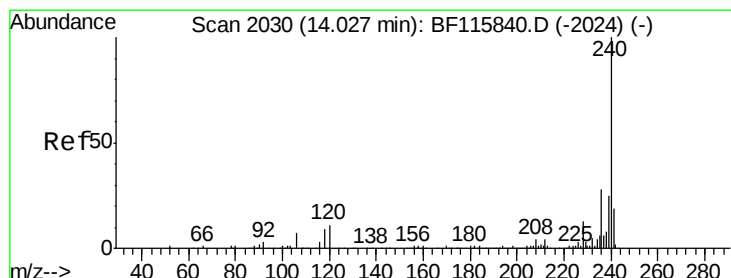
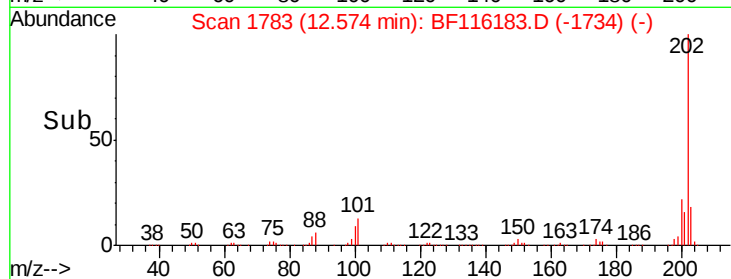
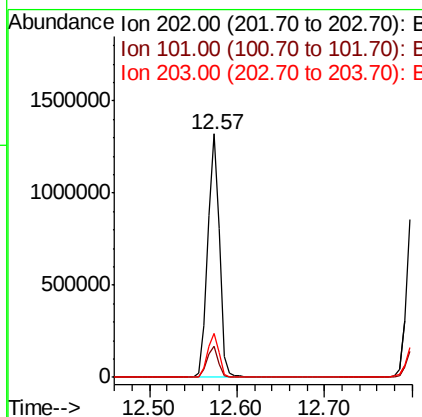
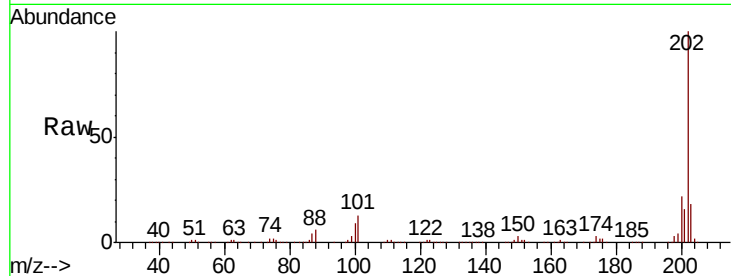
#75
 Fluoranthene
 Concen: 41.367 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1228197		
101	12.9		0.0	31.2
203	18.3		0.0	37.8

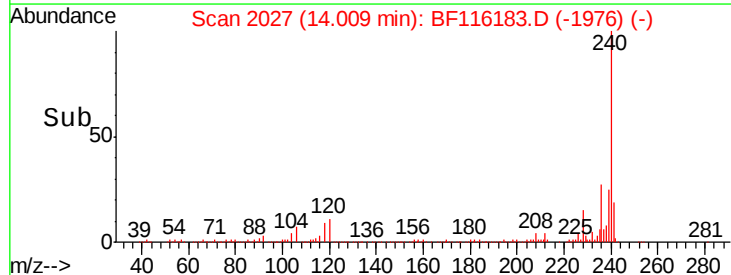
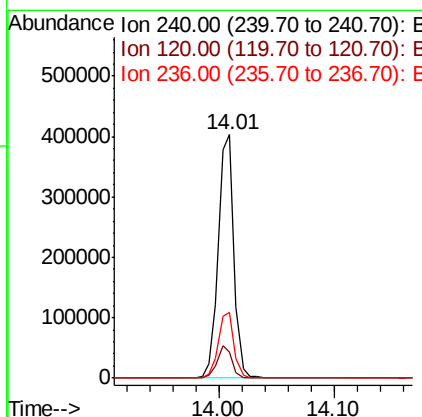
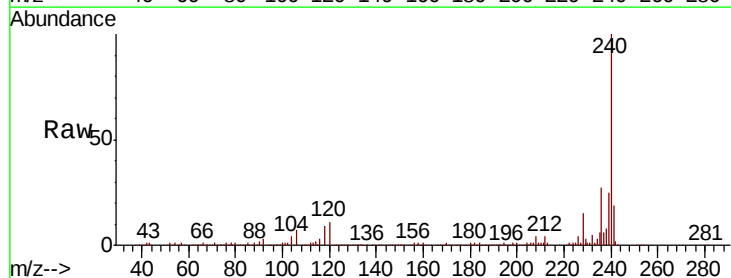
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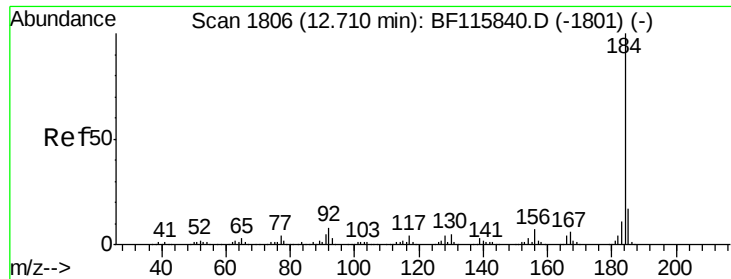
mohammad
 8/14/2019 2:53:21 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	379328		
120	10.5		10.7	16.1#
236	27.2		22.2	33.2





#77

Benzidine

Concen: 28.752 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

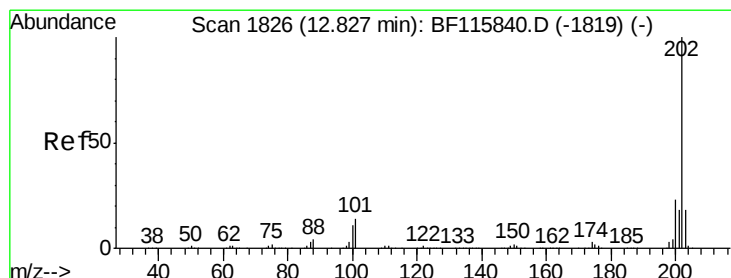
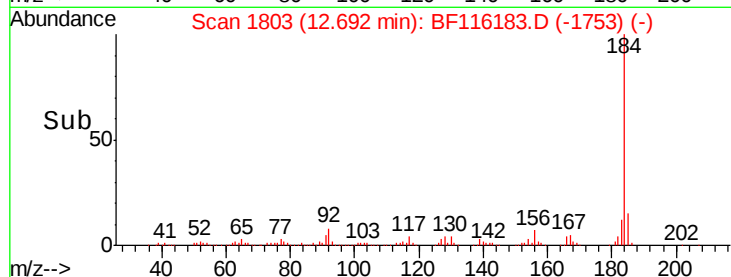
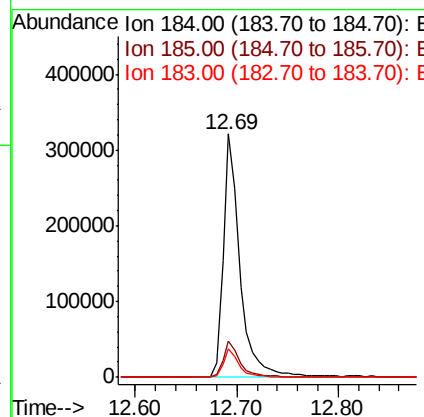
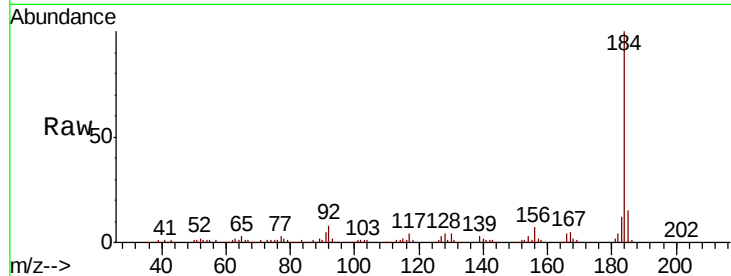
ClientSampleId :

PB122127BS

Tot Ion:	184	Resp:	368471
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.8	19.2
183	11.6	9.4	14.0

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#78

Pyrene

Concen: 43.872 ng

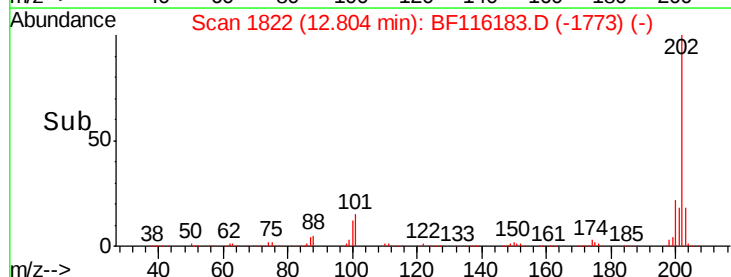
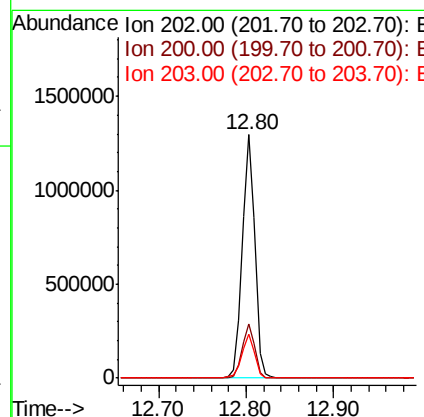
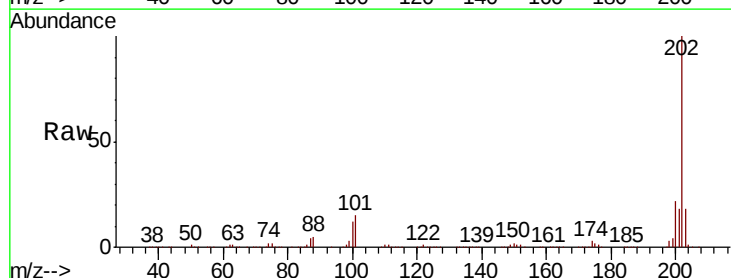
RT: 12.80 min Scan# 1822

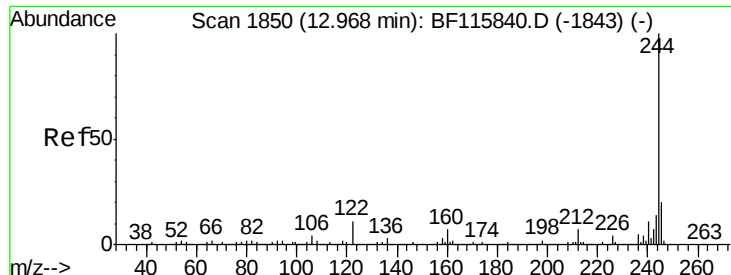
Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Tgt Ion:	202	Resp:	1254492
Ion Ratio	Lower	Upper	
202	100		
200	22.3	18.0	27.0
203	17.9	14.1	21.1





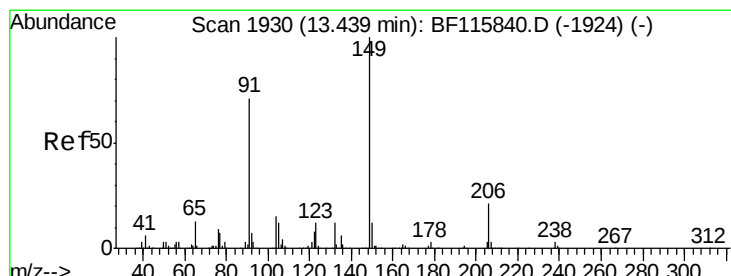
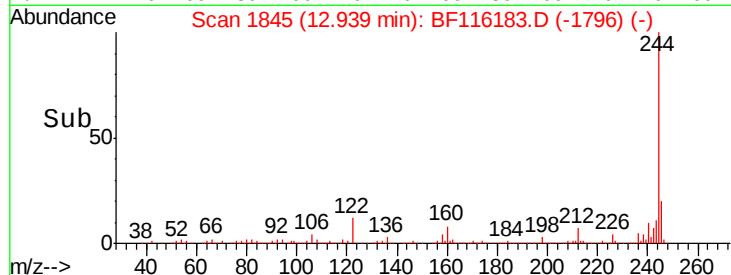
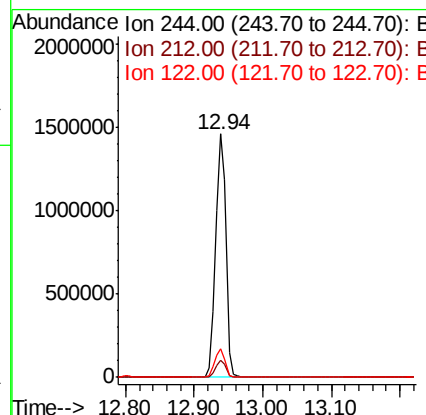
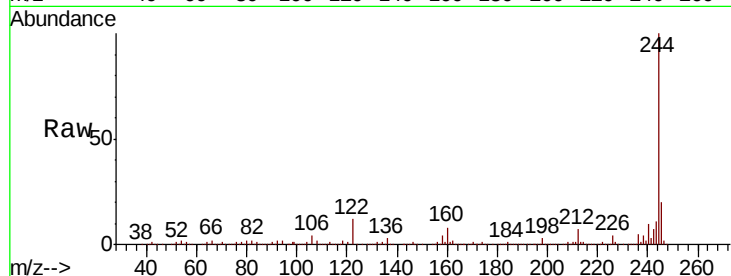
#79
 Terphenyl-d14
 Concen: 84.354 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.9	9.0	13.4

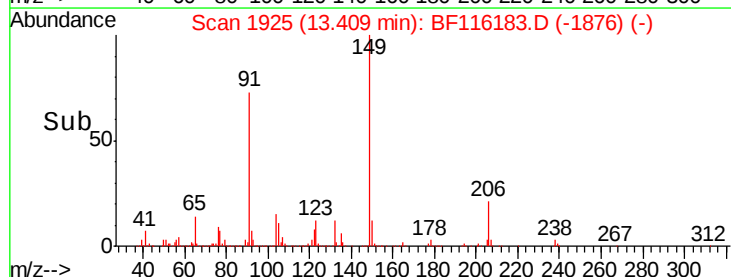
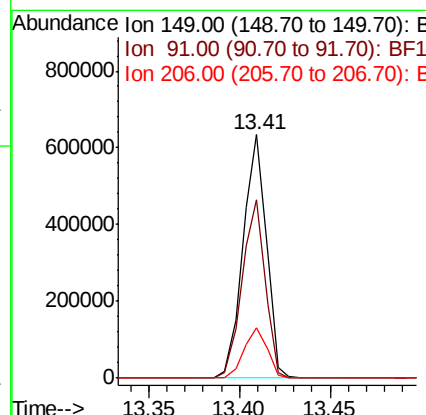
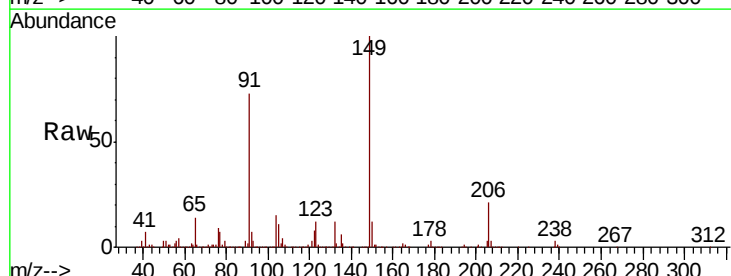
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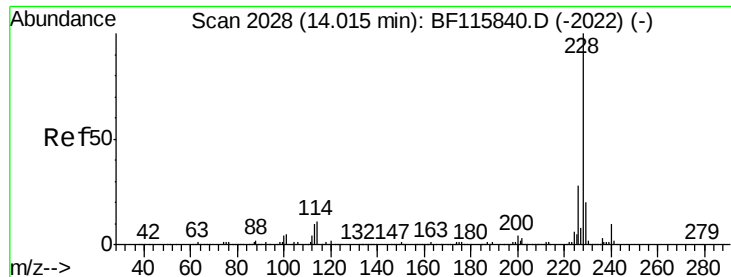
mohammad
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#80
 Butylbenzylphthalate
 Concen: 46.733 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.3	56.3	84.5
206	20.6	18.0	27.0





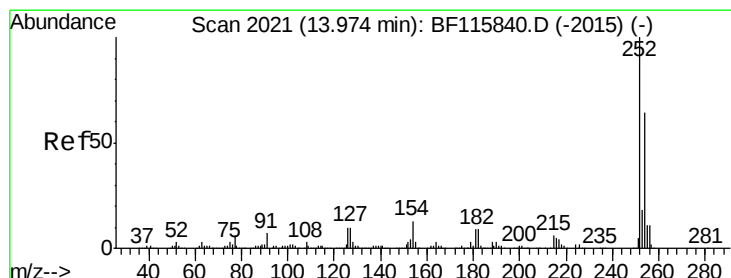
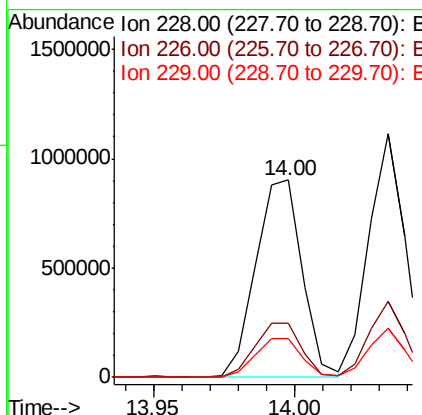
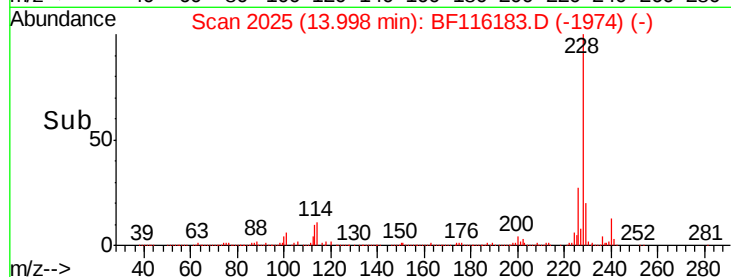
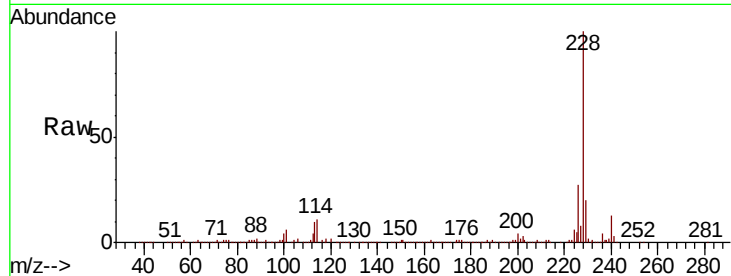
#81
Benzo(a)anthracene
Concen: 42.267 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	19.9	16.2	24.4

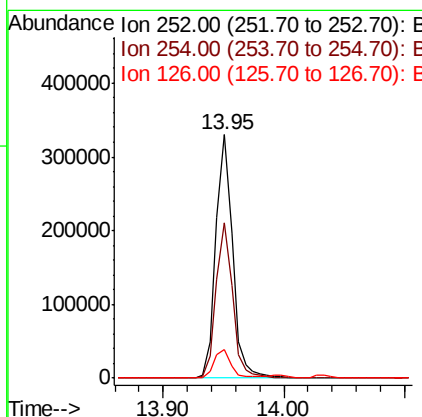
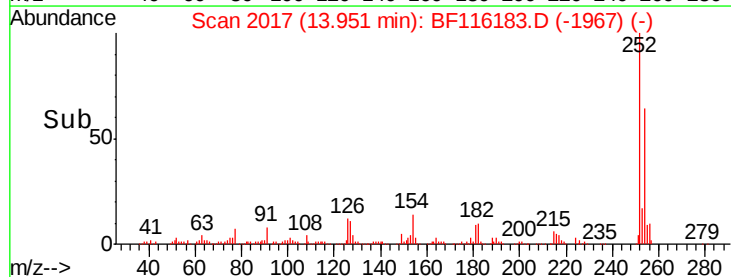
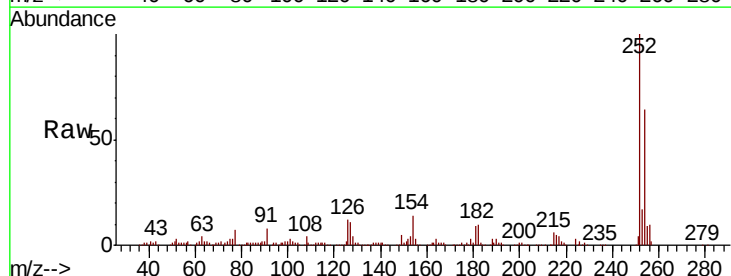
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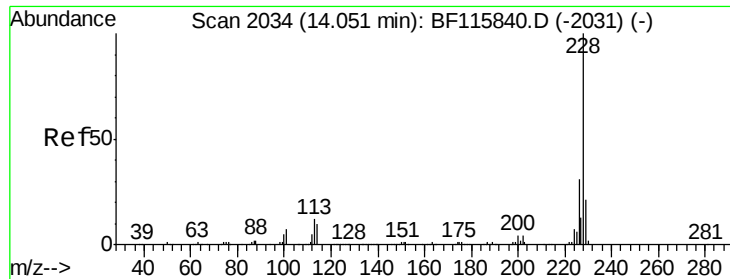
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 37.508 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.9	76.3
126	11.8	9.8	14.8





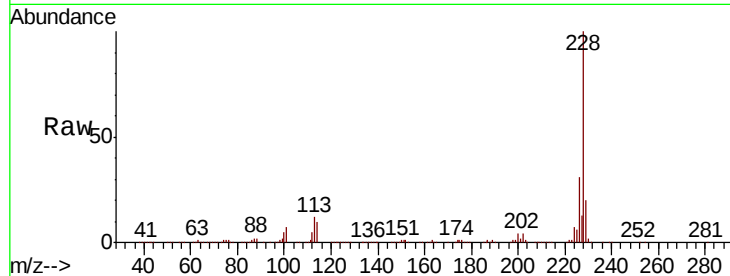
#83
 Chrvsene
 Concen: 42.410 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Instrument :
 BNA_F
 ClientSampled :
 PB122127BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	998275		
226	31.3		25.5	38.3
229	20.0		16.6	24.8

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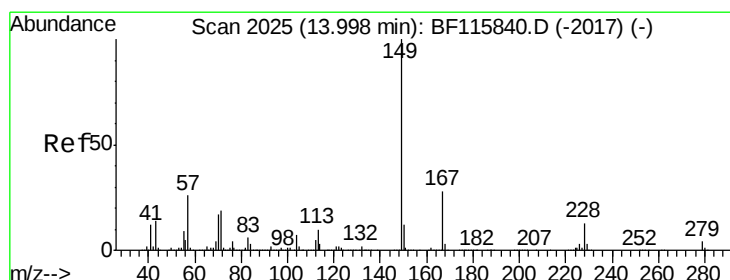
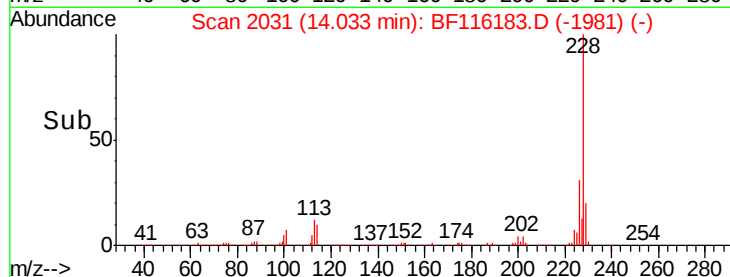
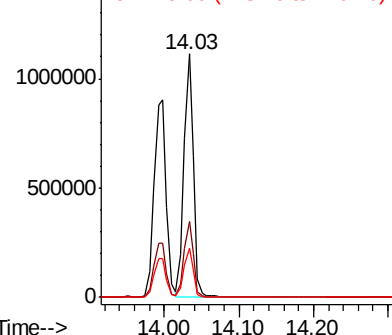


Abundance

Ion 228.00 (227.70 to 228.70): E

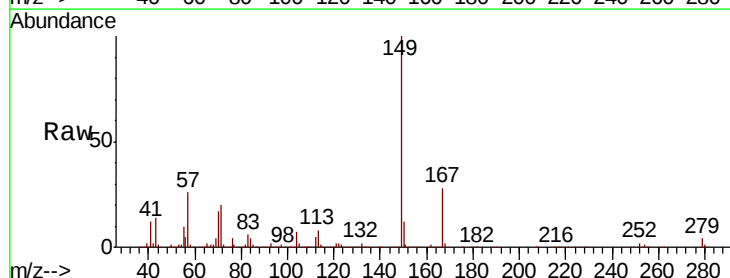
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.585 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	763664		
167	28.1		21.6	32.4
279	4.2		3.0	4.4

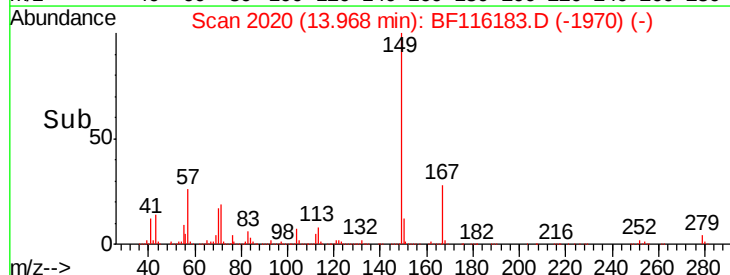
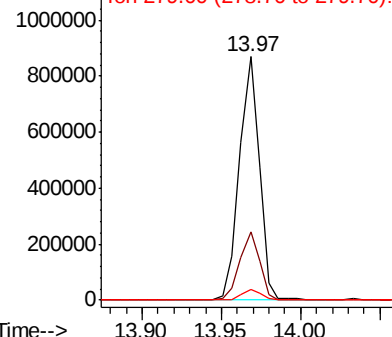


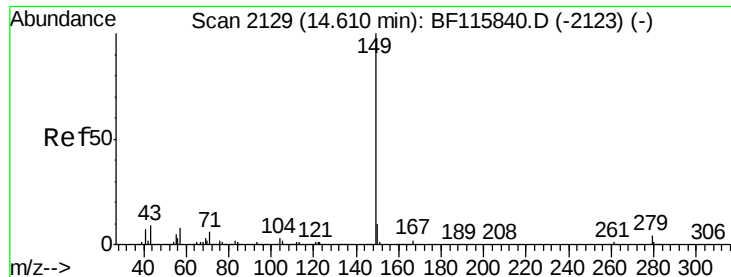
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





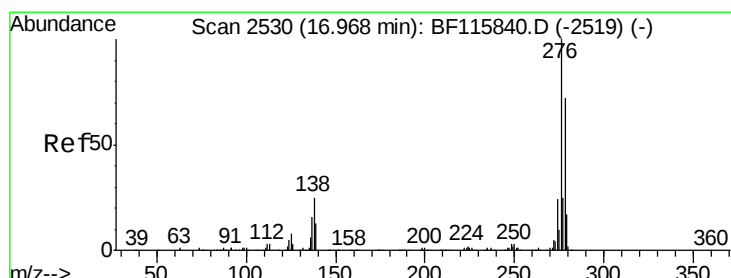
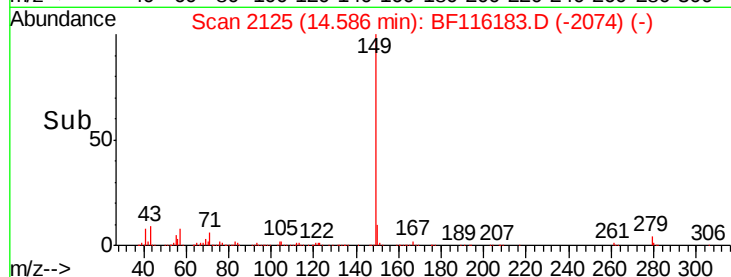
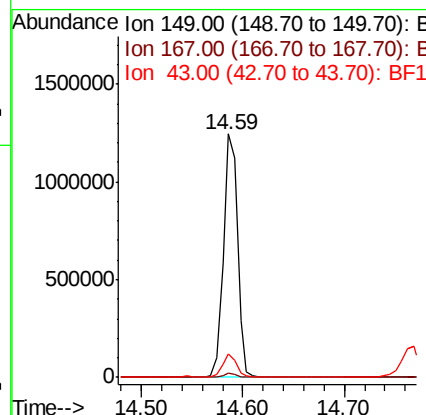
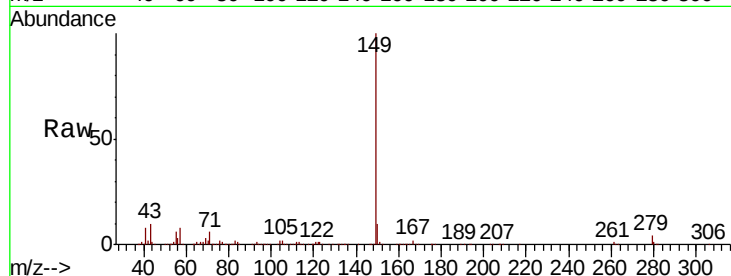
#85
Di-n-octyl phthalate
Concen: 48.303 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.0	7.5	11.3

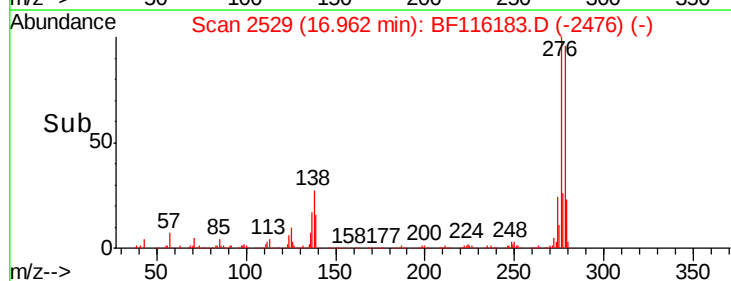
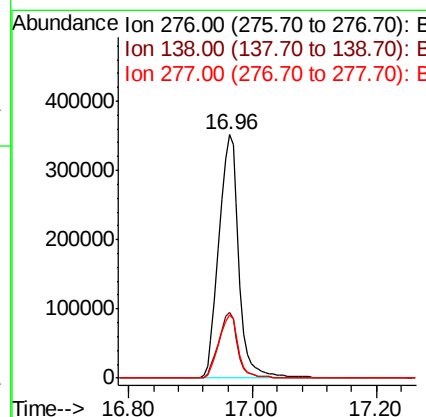
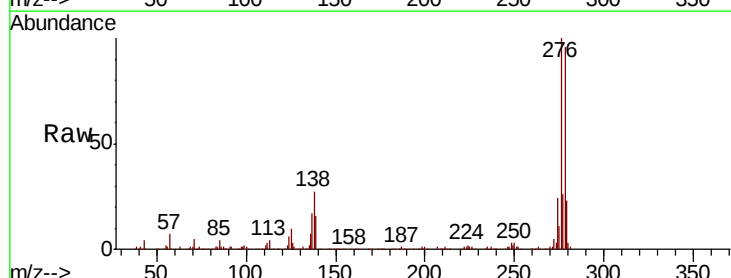
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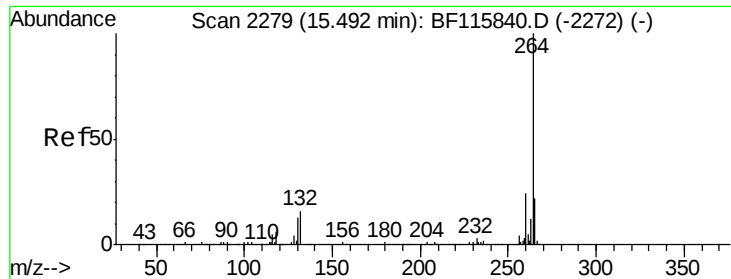
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.946 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.4	30.6
277	25.3	20.0	30.0





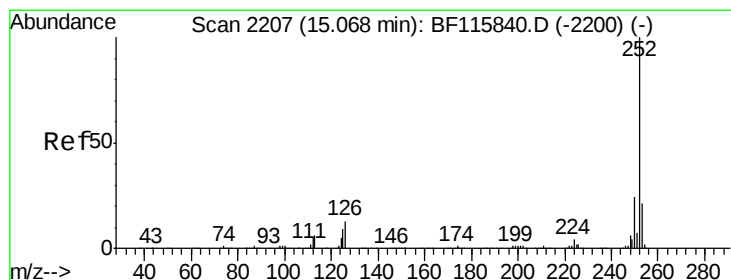
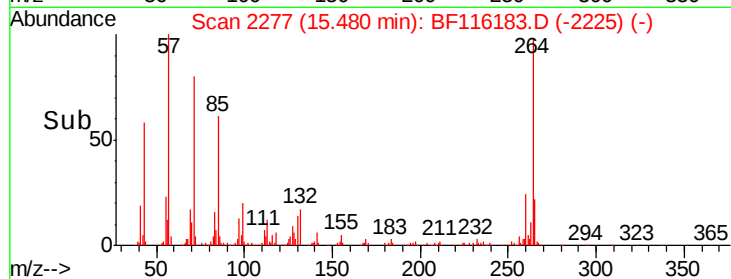
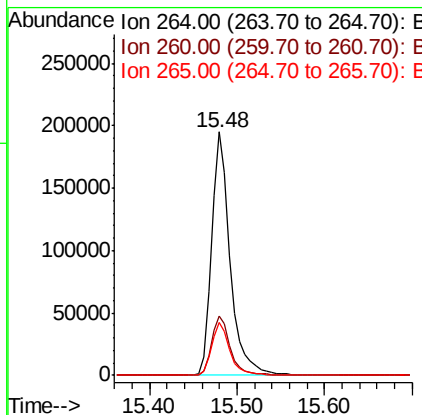
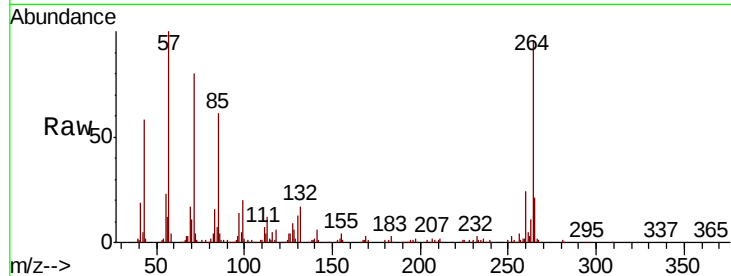
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampled :
PB122127BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	22.0	17.4	26.0

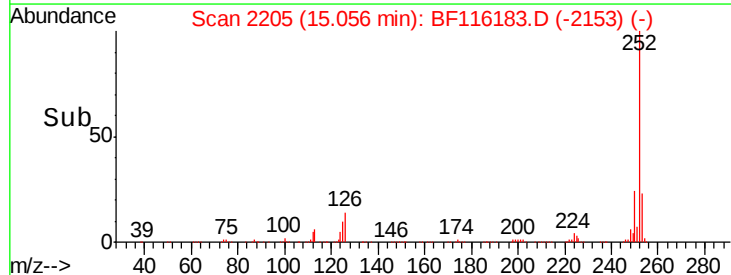
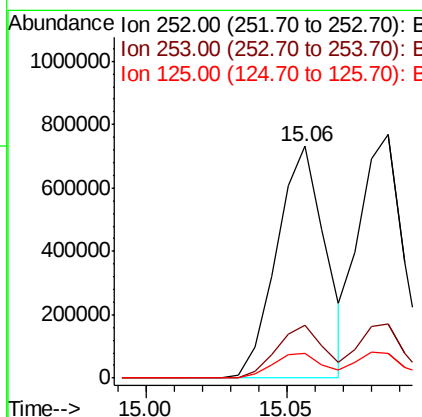
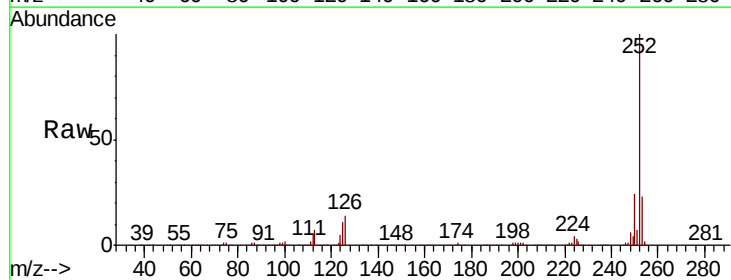
Manual Integrations
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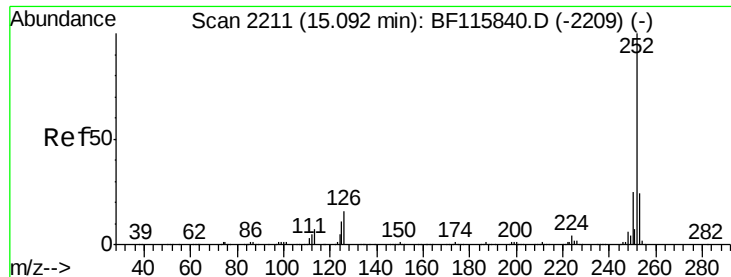
mohammad
8/14/2019 2:53:21 AM



#88
Benzo(b)fluoranthene
Concen: 52.837 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.6	8.4	12.6





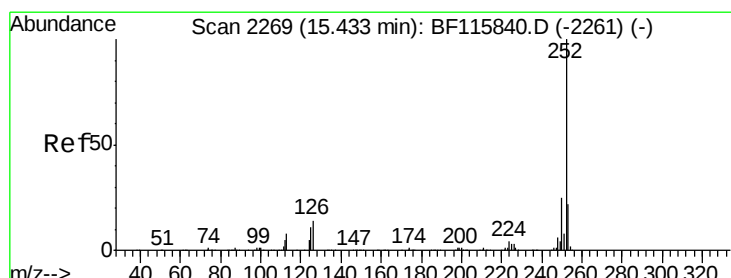
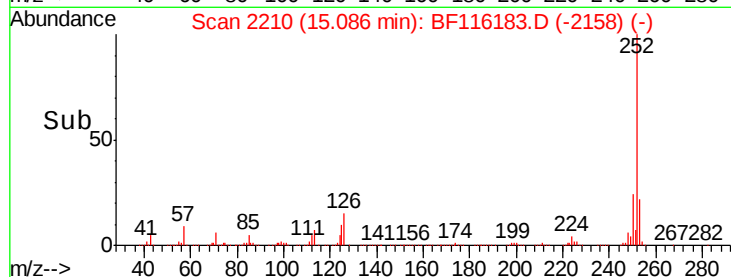
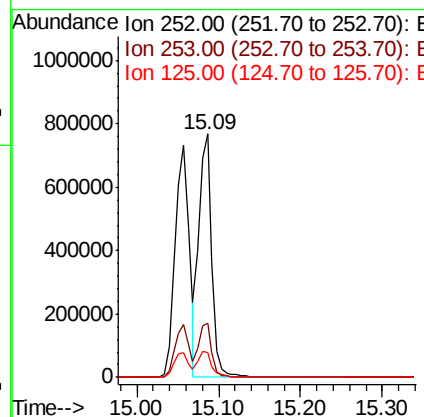
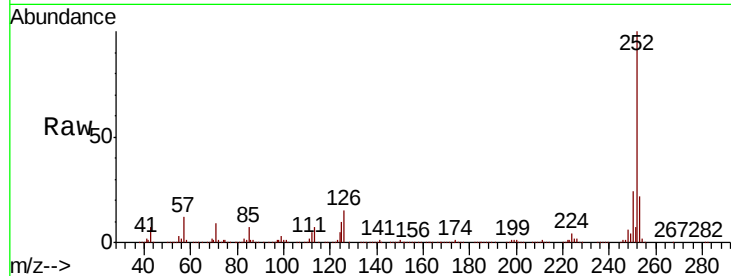
#89
Benzo(k)fluoranthene
Concen: 52.470 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.4	7.7	11.5

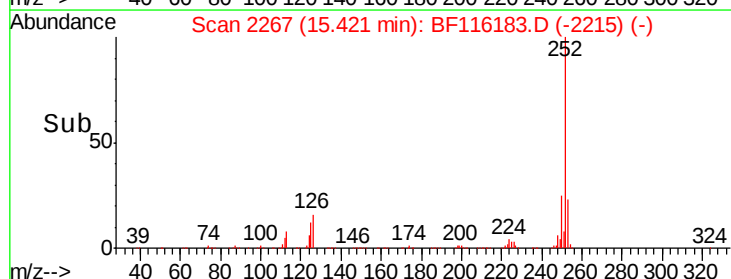
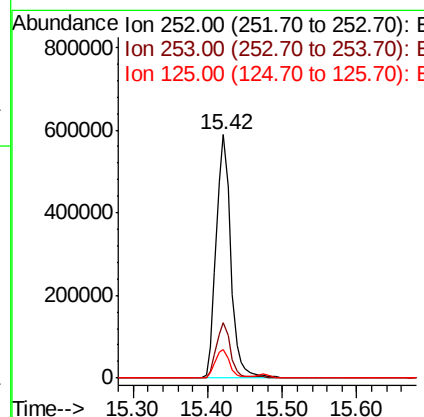
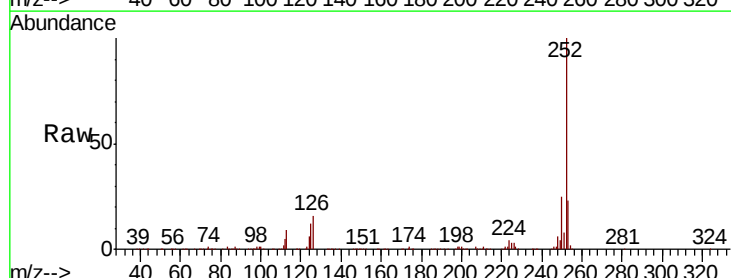
Manual Integrations
APPROVED

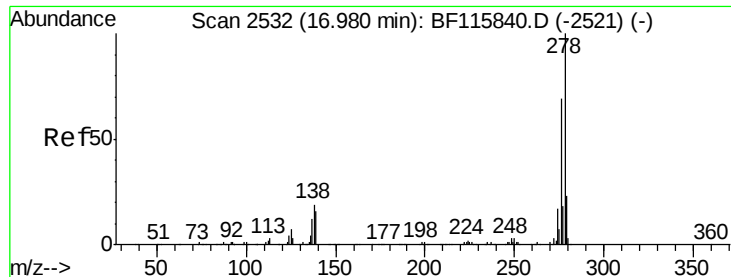
mohammad
8/14/2019 2:53:21 AM



#90
Benzo(a)pyrene
Concen: 54.358 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.9	8.9	13.3





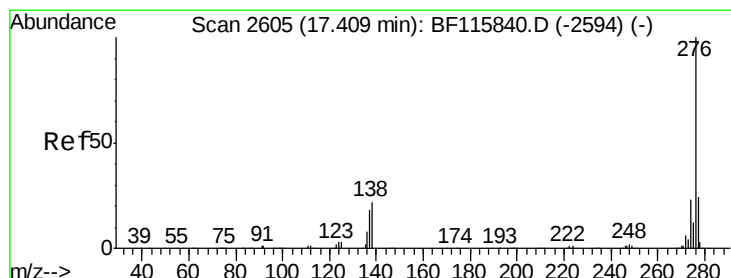
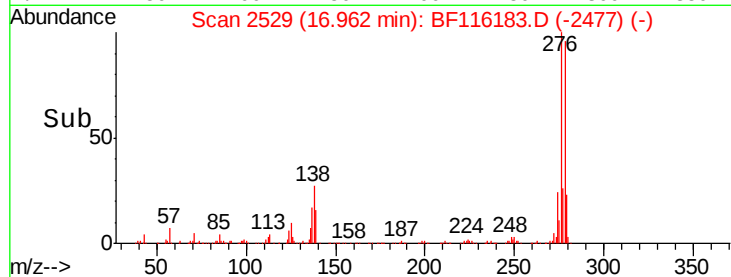
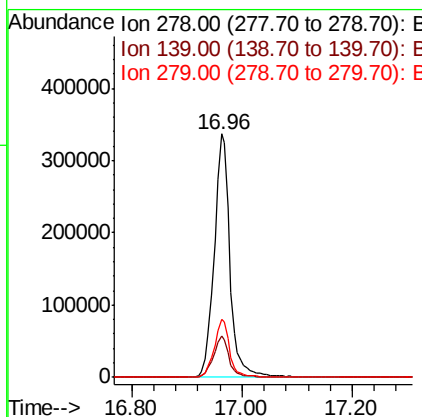
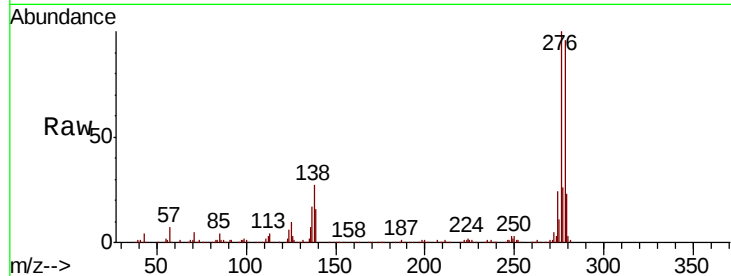
#91
Dibenzo(a,h)anthracene
Concen: 52.203 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.8	19.2
279	23.6	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:21 AM



#92
Benzo(g,h,i)perylene
Concen: 52.990 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.02 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.4	27.6
138	21.7	17.0	25.6

