

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116381.D
 Acq On : 19 Aug 2019 10:26
 Operator : HP/JU
 Sample : PB122335BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

Manual Integrations
 APPROVED

mohammad
 8/22/2019 12:45:00 PM

Quant Time: Aug 19 16:29:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120751	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	506292	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	270936	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	467305	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	322610	20.00	ng	-0.01
87) Perylene-d12	15.42	264	253144	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	795006	110.22	ng	0.00
7) Phenol-d6	6.46	99	962450	105.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	640384	73.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	272341	103.68	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1138533	78.71	ng	-0.01
79) Terphenyl-d14	12.90	244	1222599	79.86	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.63	88	131689	36.139	ng	99
3) Pyridine	3.39	79	291634	28.650	ng	99
4) n-Nitrosodimethylamine	3.33	42	138355	34.442	ng	99
6) Aniline	6.47	93	341014	26.165	ng	# 83
8) 2-Chlorophenol	6.60	128	333941	41.867	ng	99
9) Benzaldehyde	6.37	77	81231	12.936	ng	98
10) Phenol	6.47	94	417834	38.989	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	320255	40.646	ng	97
12) 1,3-Dichlorobenzene	6.75	146	357105	38.740	ng	99
13) 1,4-Dichlorobenzene	6.82	146	366084	39.664	ng	98
14) 1,2-Dichlorobenzene	6.97	146	336128	39.551	ng	99
15) Benzyl Alcohol	6.96	79	269041	38.956	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	419902	39.071	ng	76
17) 2-Methylphenol	7.07	107	276151	40.888	ng	96
18) Hexachloroethane	7.31	117	132142	38.886	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	235278	41.720	ng	99
20) 3+4-Methylphenols	7.23	107	352240	44.072	ng	# 79
22) Acetophenone	7.22	105	467739	42.125	ng	# 93
24) Nitrobenzene	7.39	77	371199	39.194	ng	99
25) Isophorone	7.63	82	676331	40.326	ng	99
26) 2-Nitrophenol	7.71	139	183592	41.124	ng	94
27) 2,4-Dimethylphenol	7.75	122	297803	44.339	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	417611	40.173	ng	99
29) 2,4-Dichlorophenol	7.96	162	290243	40.927	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	309897	38.335	ng	100
31) Naphthalene	8.10	128	978673	41.078	ng	99
32) Benzoic acid	7.91	122	155591	32.857	ng	100
33) 4-Chloroaniline	8.16	127	288701	27.120	ng	98
34) Hexachlorobutadiene	8.22	225	175227	37.632	ng	99
35) Caprolactam	8.53	113	88994m	38.800	ng	
36) 4-Chloro-3-methylphenol	8.66	107	300757	40.766	ng	95
37) 2-Methylnaphthalene	8.80	142	650327	41.446	ng	99
38) 1-Methylnaphthalene	8.89	142	613787	41.349	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	296230	40.898	ng	100

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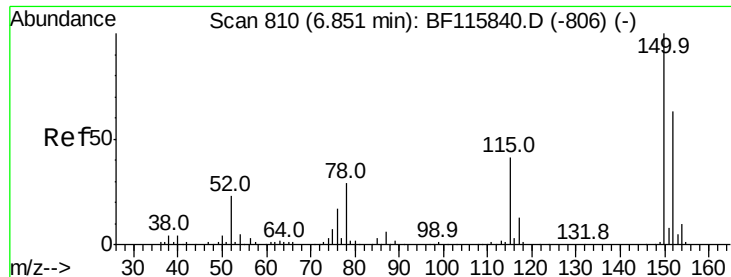
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	126274	41.881	nq	100
43) 2,4,6-Trichlorophenol	9.09	196	177038	35.510	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	187322	36.348	nq	99
46) 1,1'-Biphenyl	9.26	154	796873	41.660	nq	99
47) 2-Chloronaphthalene	9.29	162	622083	39.075	nq	99
48) 2-Nitroaniline	9.39	65	192477	36.577	nq	100
49) Acenaphthylene	9.70	152	918393	39.542	nq	99
50) Dimethylphthalate	9.56	163	725591	39.332	nq	100
51) 2,6-Dinitrotoluene	9.63	165	159600	39.810	nq #	89
52) Acenaphthene	9.87	154	571121	40.082	nq	100
53) 3-Nitroaniline	9.80	138	125121	25.258	nq	97
54) 2,4-Dinitrophenol	9.93	184	104563	54.085	nq	94
55) Dibenzofuran	10.05	168	799493	38.583	nq	99
56) 4-Nitrophenol	9.99	139	148106	46.673	nq	95
57) 2,4-Dinitrotoluene	10.04	165	199105	37.302	nq #	84
58) Fluorene	10.39	166	652029	40.899	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	168529	38.869	nq	99
60) Diethylphthalate	10.26	149	699402	40.608	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	337007	41.739	nq	97
62) 4-Nitroaniline	10.42	138	149999	29.301	nq	98
63) Azobenzene	10.53	77	721948	40.753	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	97225	39.261	nq	89
66) n-Nitrosodiphenylamine	10.49	169	587830	41.793	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	201741	40.328	nq	98
68) Hexachlorobenzene	10.94	284	223367	38.614	nq	100
69) Atrazine	11.02	200	175298	37.884	nq	99
70) Pentachlorophenol	11.14	266	148675	52.939	nq	99
71) Phenanthrene	11.35	178	959126	40.148	nq	100
72) Anthracene	11.40	178	986962	40.822	nq	100
73) Carbazole	11.56	167	877089	39.986	nq	100
74) Di-n-butylphthalate	11.87	149	1105776	43.215	nq	99
75) Fluoranthene	12.54	202	991507	39.644	nq	99
77) Benzdine	12.66	184	211593	19.414	nq	98
78) Pyrene	12.77	202	1008267	41.460	nq	100
80) Butylbenzylphthalate	13.37	149	447259	43.478	nq	95
81) Benzo(a)anthracene	13.96	228	811622	39.361	nq	98
82) 3,3'-Dichlorobenzidine	13.91	252	241388	33.696	nq	99
83) Chrysene	13.99	228	803214	40.123	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	623689	46.656	nq	98
85) Di-n-octyl phthalate	14.53	149	971416	45.750	nq	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	669238	39.803	nq	99
88) Benzo(b)fluoranthene	15.00	252	711404	48.603	nq	99
89) Benzo(k)fluoranthene	15.03	252	665876	46.706	nq	98
90) Benzo(a)pyrene	15.36	252	648677	49.576	nq	99
91) Dibenzo(a,h)anthracene	16.88	278	564279	49.822	nq	99
92) Benzo(g,h,i)perylene	17.32	276	559598	50.309	nq	99

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



#1

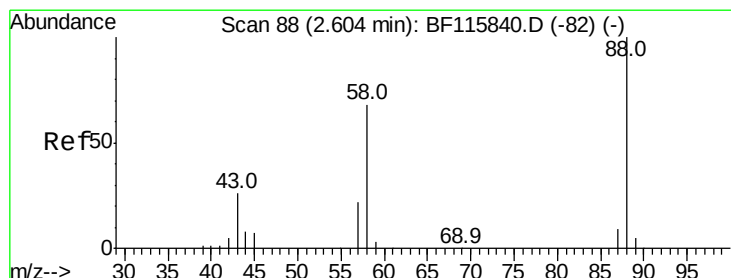
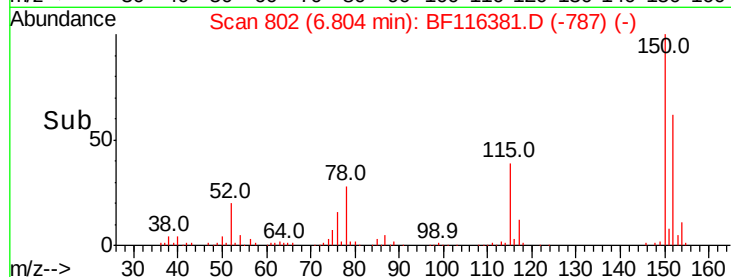
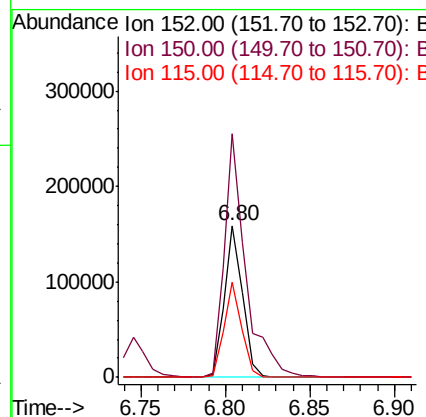
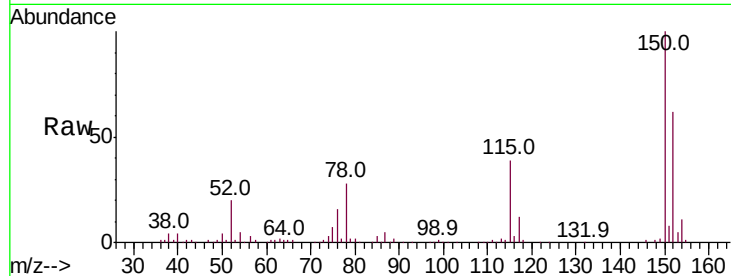
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	63.0	49.9	74.9

Manual Integrations
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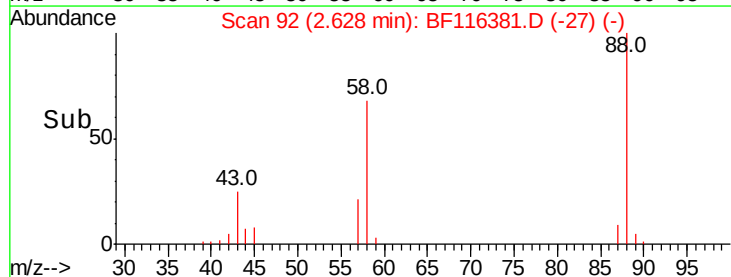
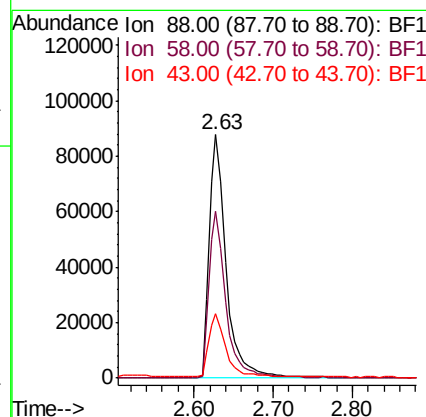
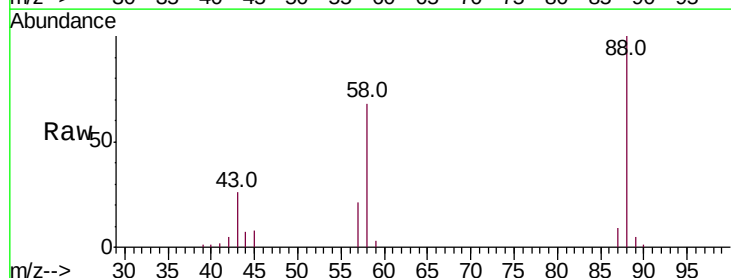
mohammad
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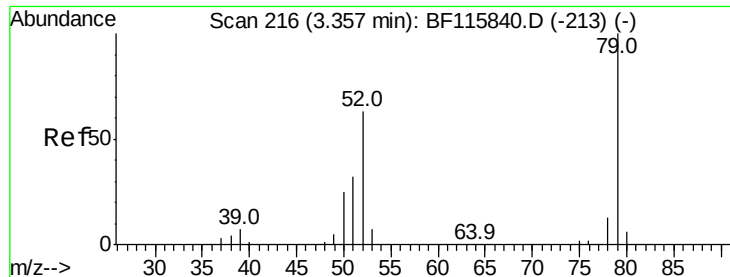


#2

1,4-Dioxane
Concen: 36.139 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.08 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	53.7	80.5
43	25.5	21.0	31.4





#3

Pvridine

Concen: 28.650 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.09 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

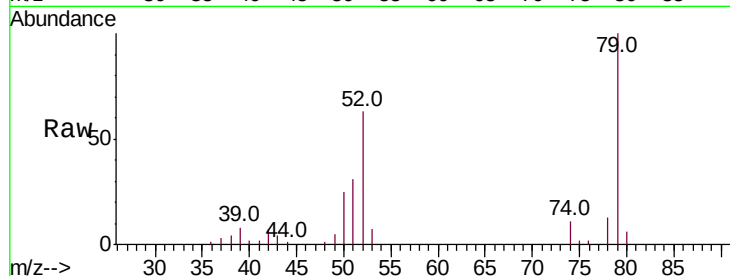
ClientSampleId :

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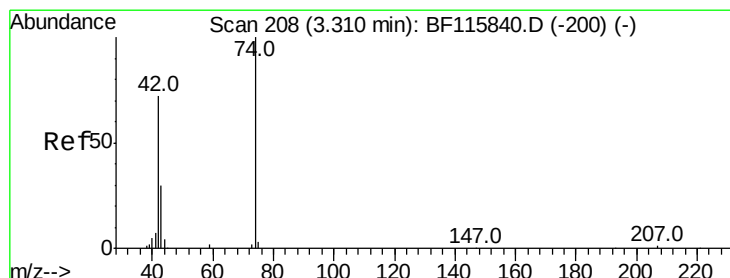
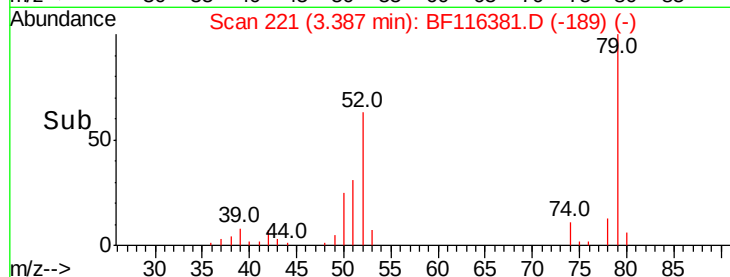
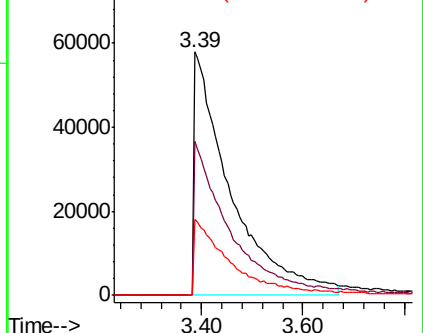
Tot Ion:	79	Resp:	291634
Ion Ratio	Lower	Upper	
79	100		
52	63.1	49.8	74.8
51	31.1	25.2	37.8

Manual Integrations
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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: 34.442 ng

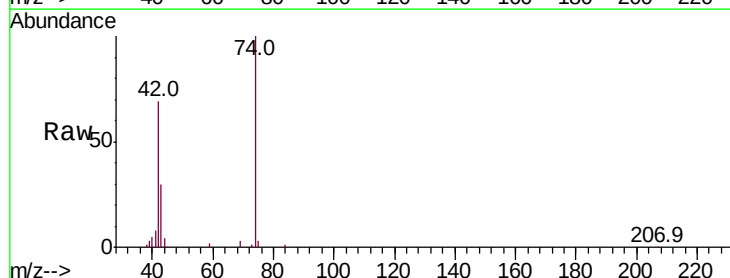
RT: 3.33 min Scan# 211

Delta R.T. 0.07 min

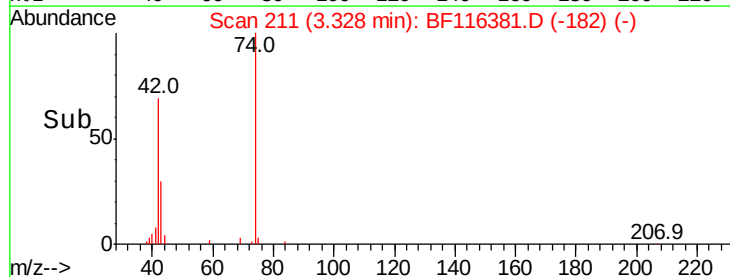
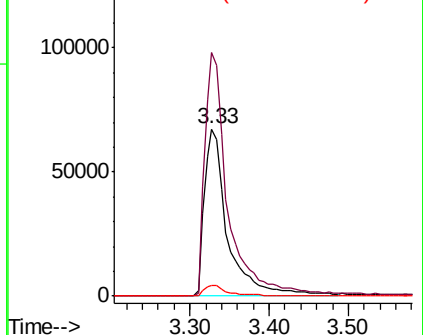
Lab File: BF116381.D

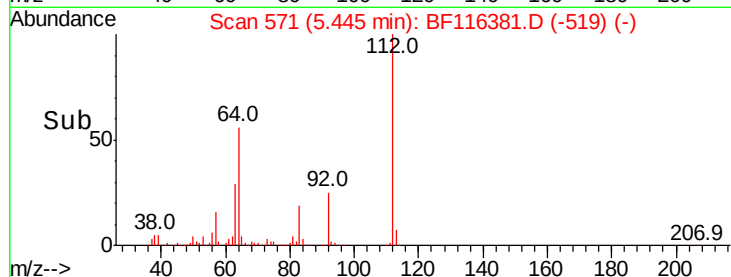
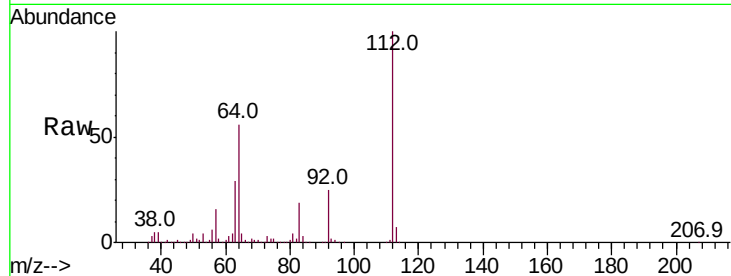
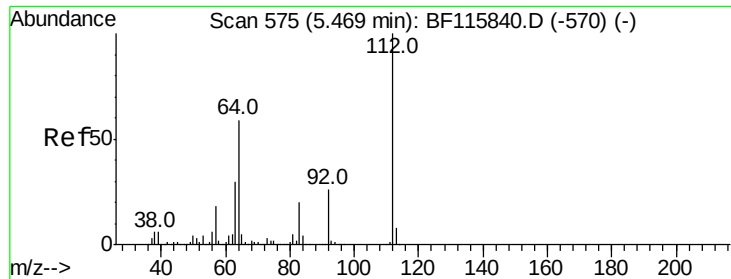
Acq: 19 Aug 2019 10:26

Tgt Ion:	42	Resp:	138355
Ion Ratio	Lower	Upper	
42	100		
74	145.6	116.0	174.0
44	6.4	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





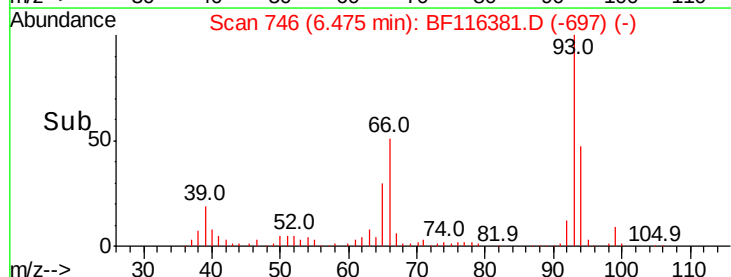
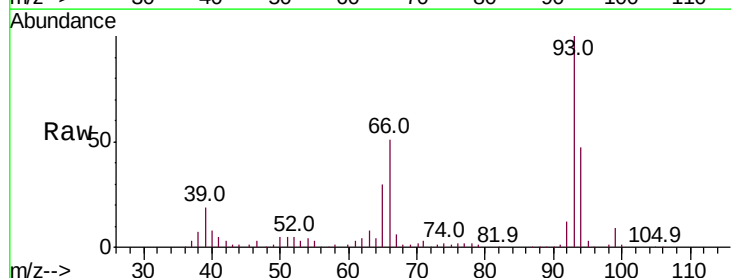
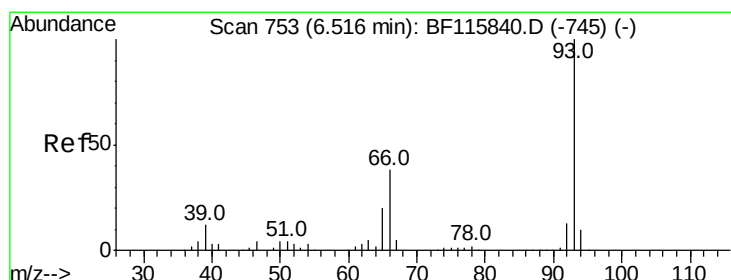
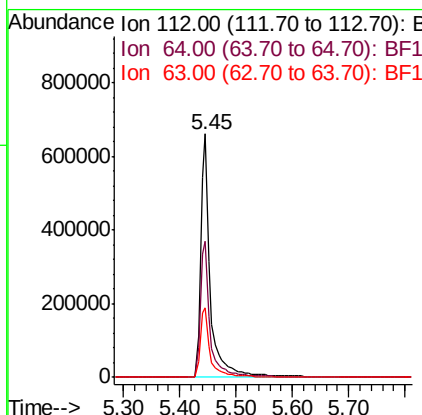
#5
2-Fluorophenol
Concen: 110.218 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	55.9	45.4	68.2
63	28.7	23.7	35.5

Instrument :
BNA_F
ClientSampleId :
PB122335BS

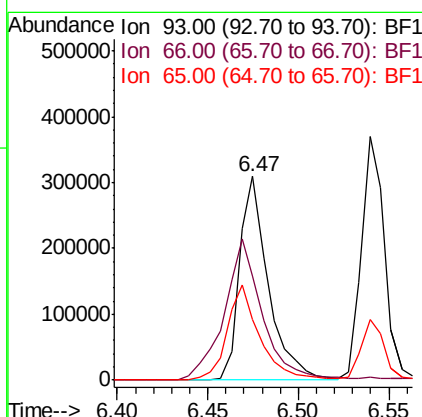
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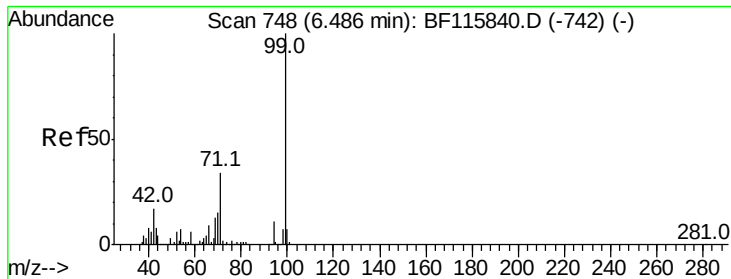
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#6
Aniline
Concen: 26.165 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	50.8	32.2	48.4#
65	29.7	17.0	25.6#





#7

Phenol-d6

Concen: 105.757 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

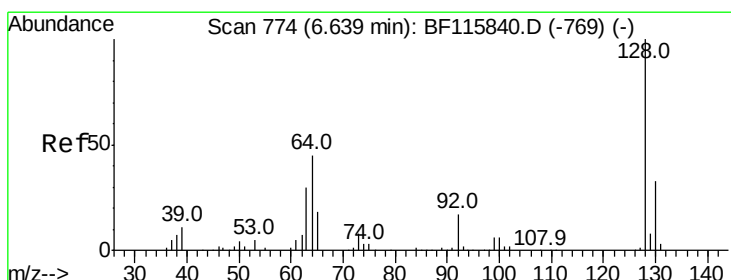
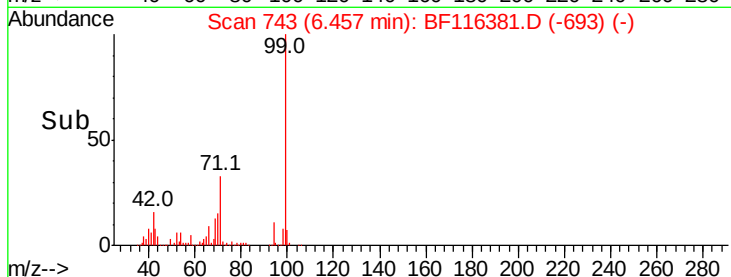
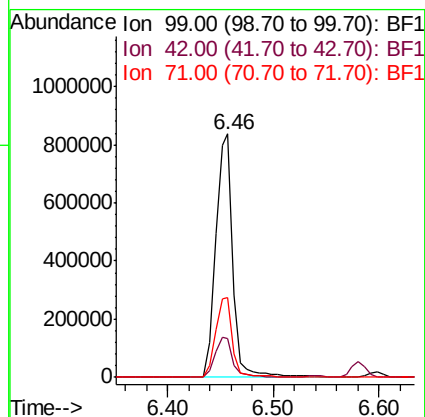
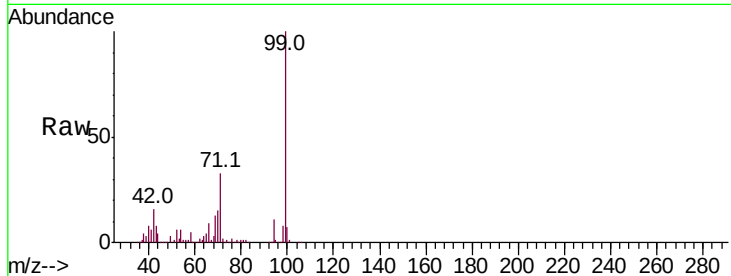
ClientSampled :

PB122335BS

Tot Ion:	99	Resp:	962450
Ion Ratio	Lower	Upper	
99	100		
42	16.2	13.8	20.8
71	32.8	27.3	40.9

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#8

2-Chlorophenol

Concen: 41.867 ng

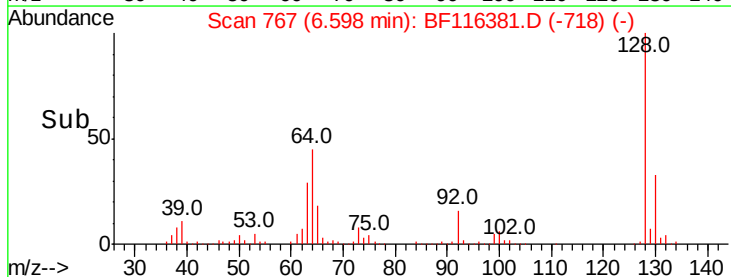
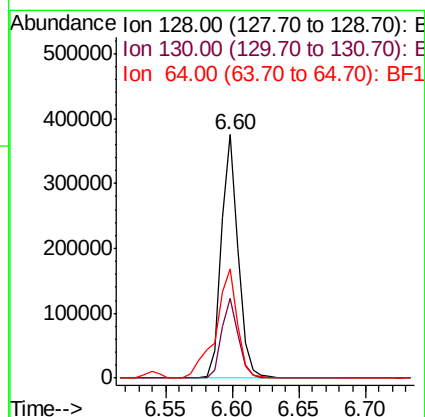
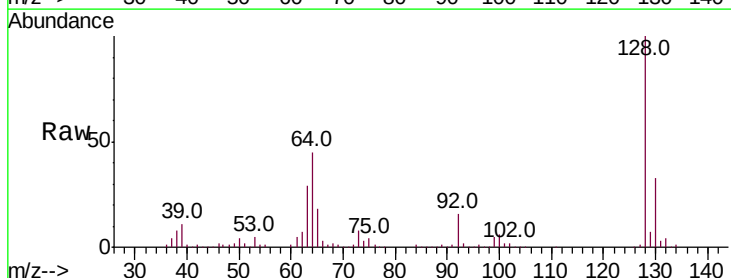
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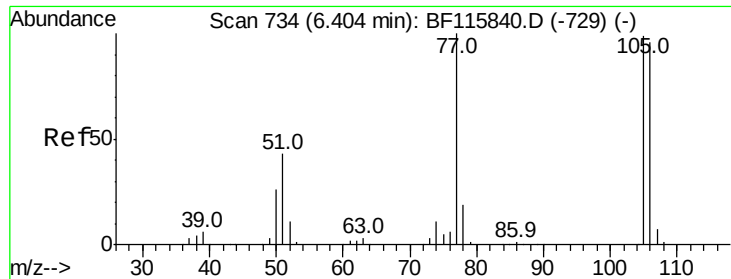
Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Tgt Ion:	128	Resp:	333941
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.9	52.9
64	44.9	24.3	64.3





#9

Benzaldehyde

Concen: 12.936 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

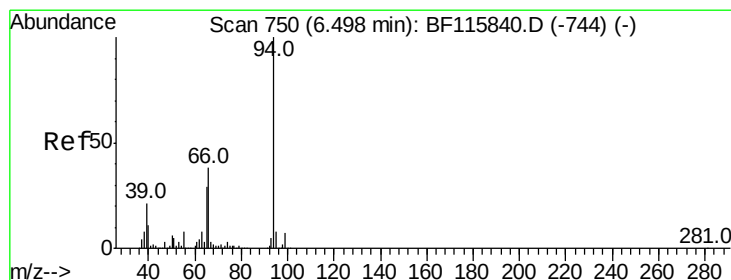
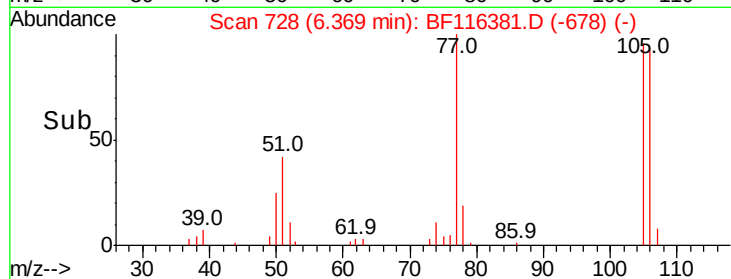
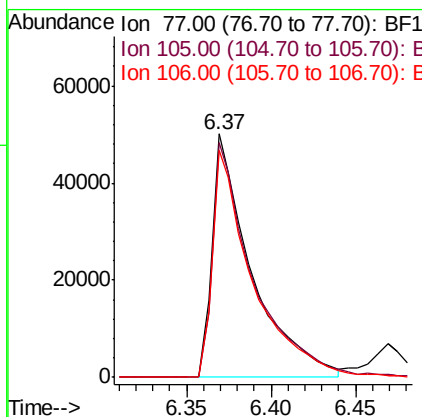
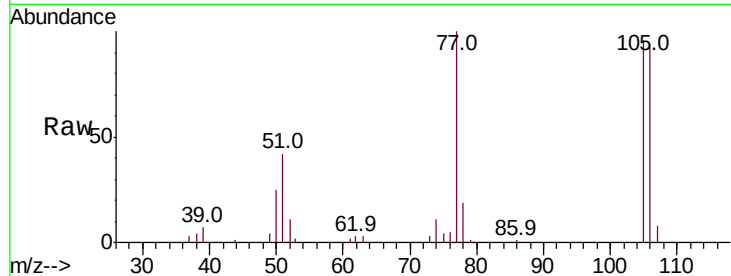
ClientSampleId :

PB122335BS

Tot Ion:	77	Resp:	81231
Ion	Ratio	Lower	Upper
77	100		
105	96.4	79.2	119.2
106	93.4	74.3	114.3

Manual Integrations
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#10

Phenol

Concen: 38.989 ng

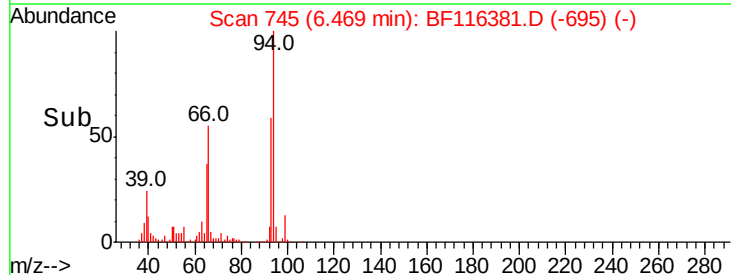
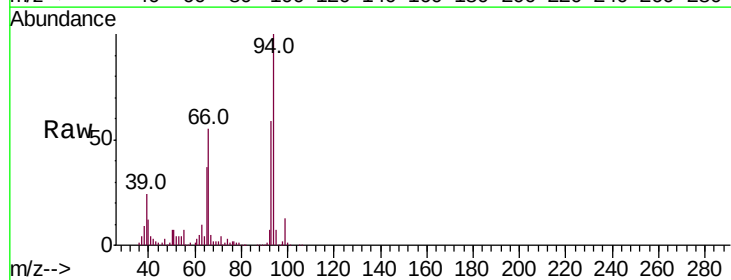
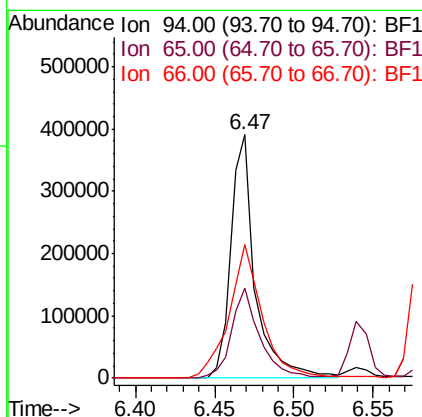
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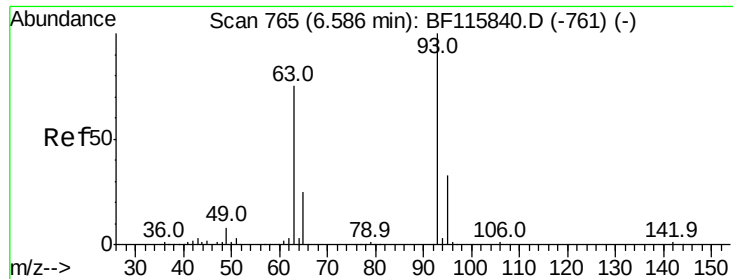
Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Tgt Ion:	94	Resp:	417834
Ion	Ratio	Lower	Upper
94	100		
65	37.2	16.8	56.8
66	55.0	34.2	74.2





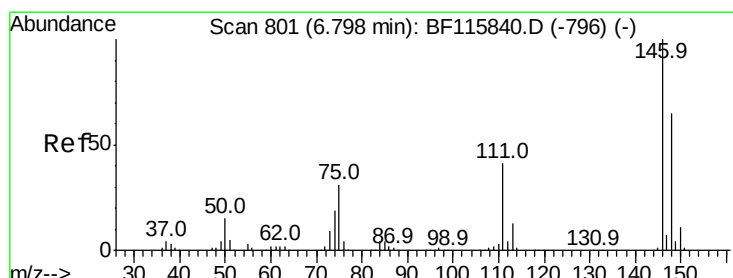
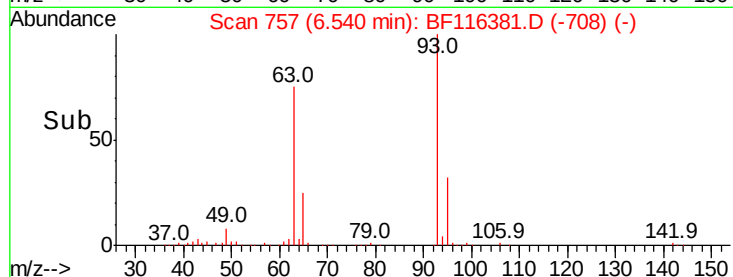
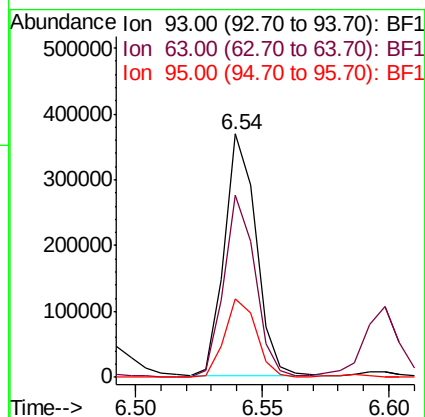
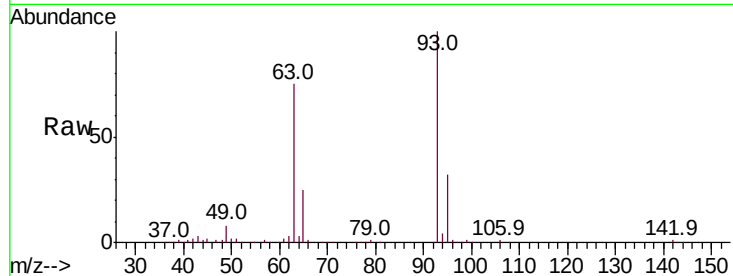
#11
bis(2-Chloroethyl)ether
Concen: 40.646 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	75.0	51.9	91.9
95	32.0	13.0	53.0

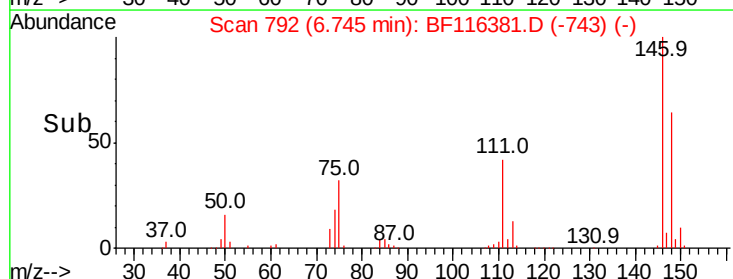
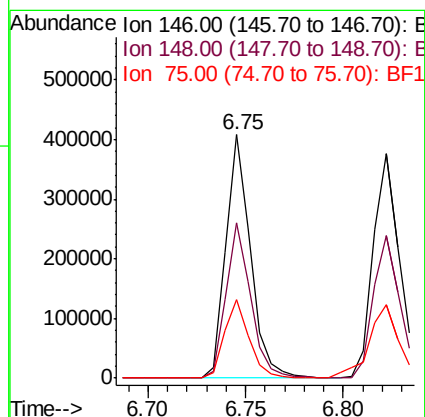
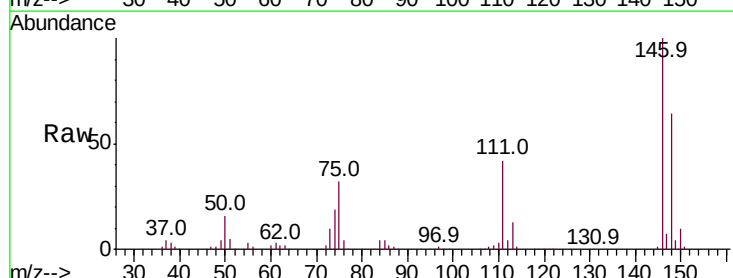
Manual Integrations
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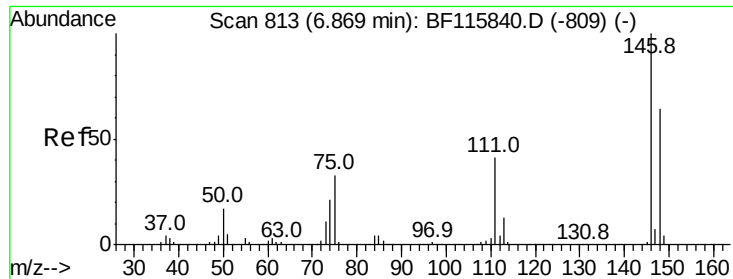
mohammad
8/22/2019 12:45:00 PM



#12
1,3-Dichlorobenzene
Concen: 38.740 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.7	51.3	76.9
75	32.5	27.4	41.2





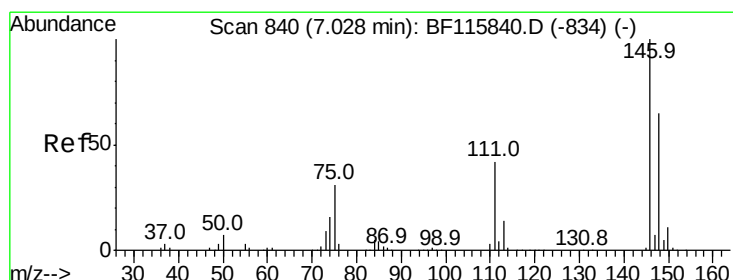
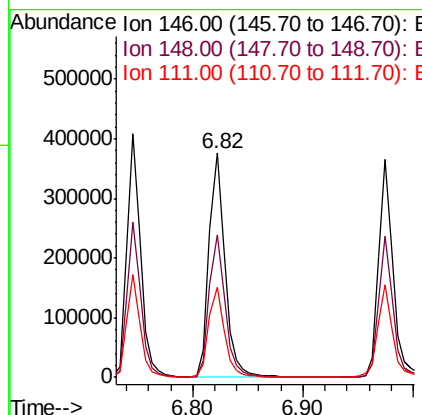
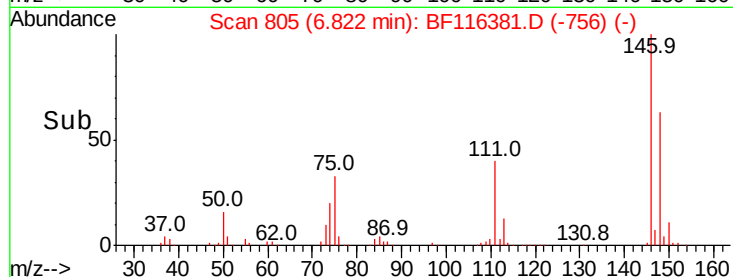
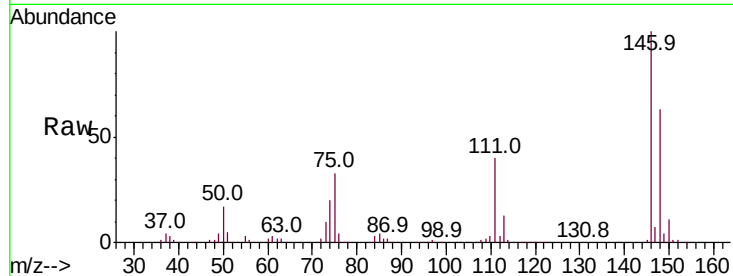
#13
 1,4-Dichlorobenzene
 Concen: 39.664 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Instrument :
 BNA_F
 ClientSampled :
 PB122335BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	366084		
148	63.4	51.3	76.9	
111	40.2	34.0	51.0	

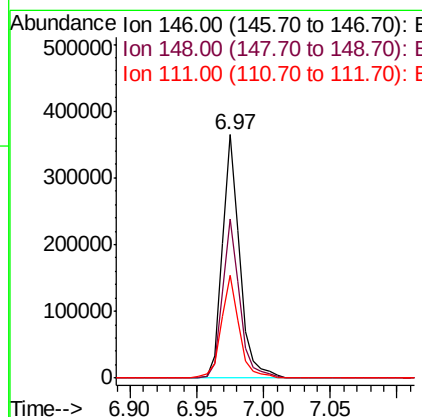
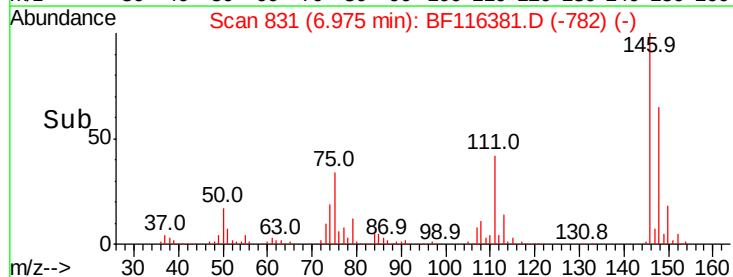
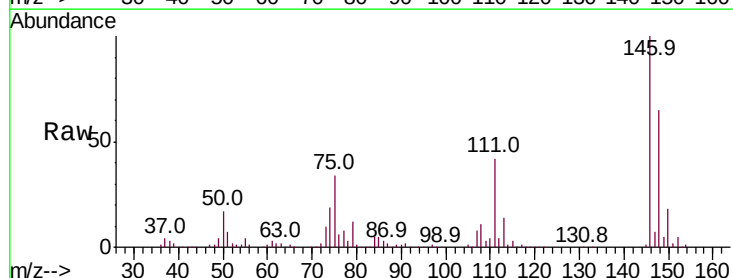
Manual Integrations
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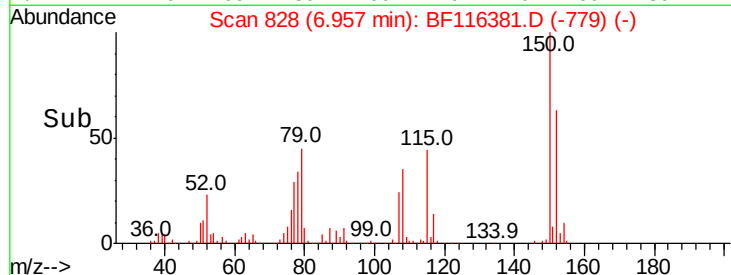
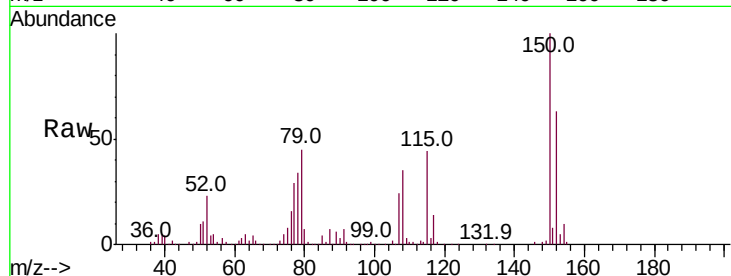
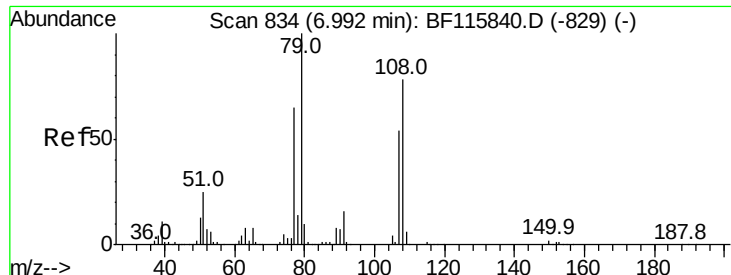
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.551 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	336128		
148	65.2	51.2	76.8	
111	42.4	33.5	50.3	





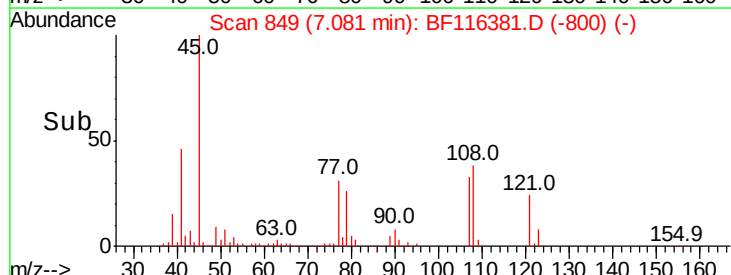
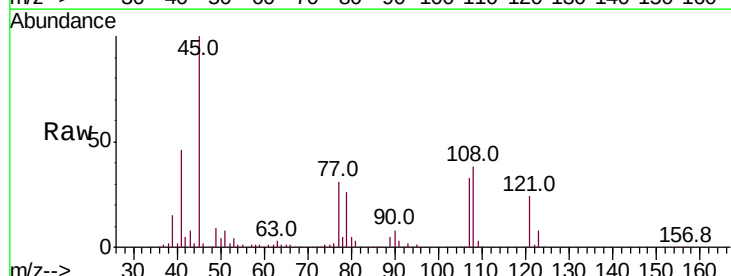
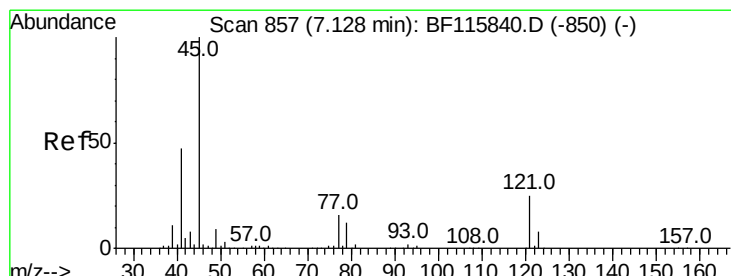
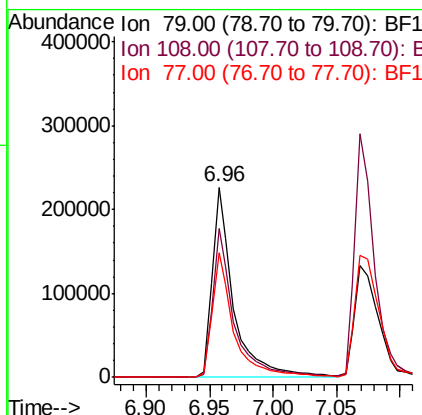
#15
Benzyl Alcohol
Concen: 38.956 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tot Ion	Ratio	Resp	Lower	Upper
79	100	269041		
108	78.1	62.7	94.1	
77	65.5	52.2	78.2	

Instrument :
BNA_F
ClientSampleId :
PB122335BS

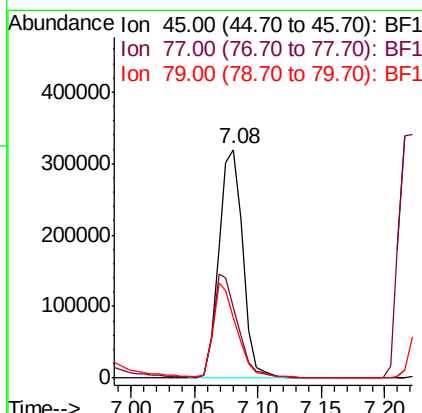
Manual Integrations
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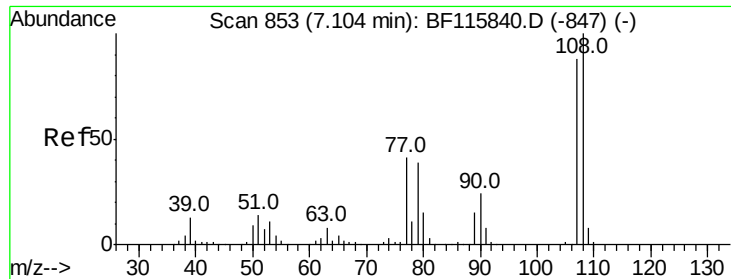
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.071 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	419902		
77	30.7	0.0	40.0	
79	26.3	0.0	35.9	





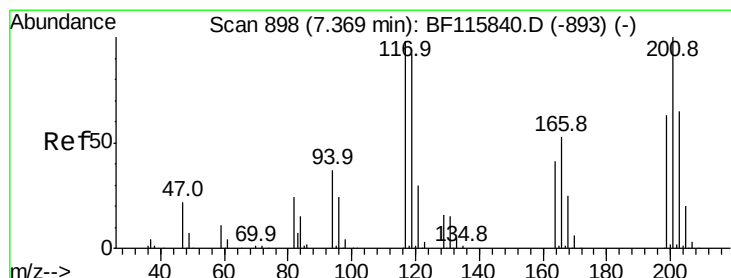
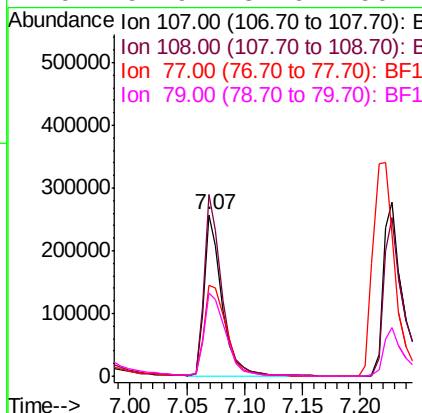
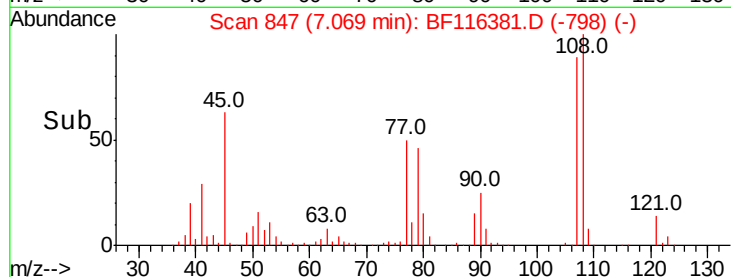
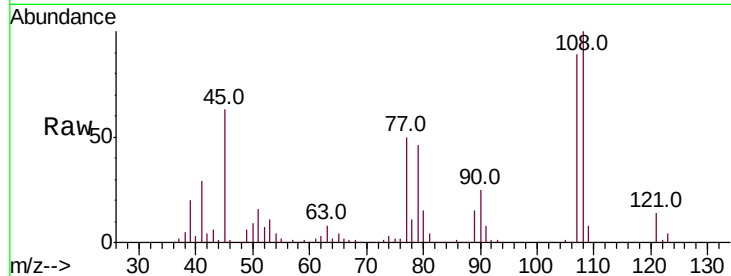
#17
2-Methylphenol
Concen: 40.888 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampled :
PB122335BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	91.2	136.8	
77	56.6	40.3	60.5	
79	51.9	37.6	56.4	

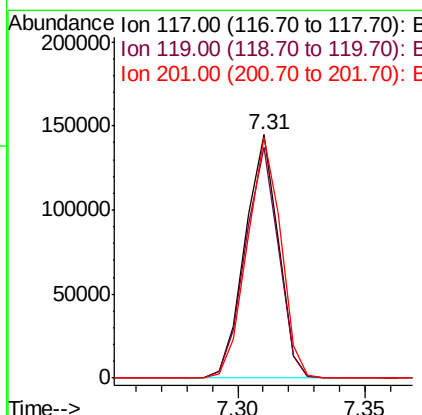
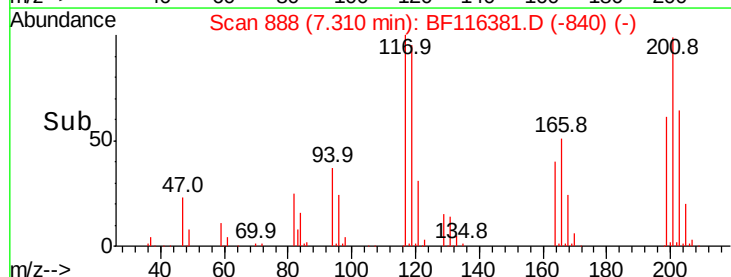
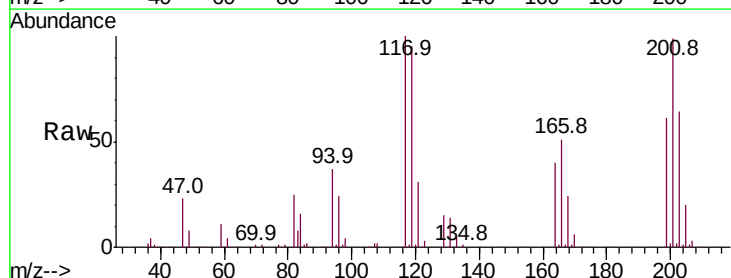
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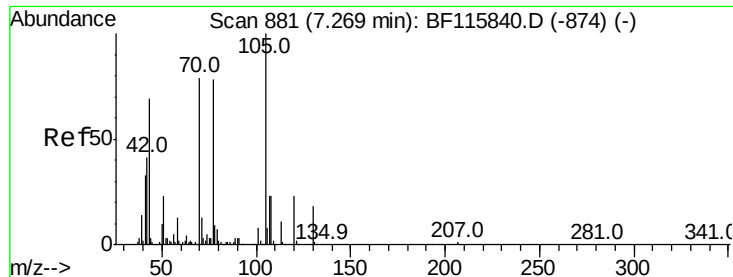
mohammad
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#18
Hexachloroethane
Concen: 38.886 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	76.1	114.1	
201	98.9	77.0	115.4	





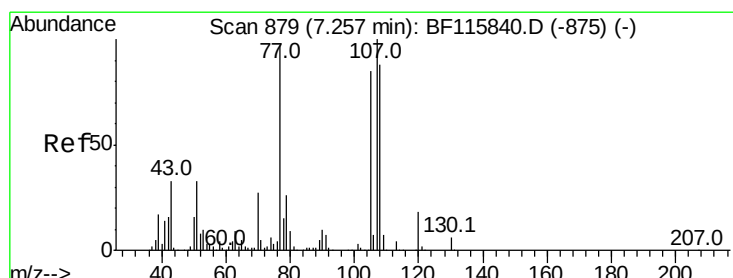
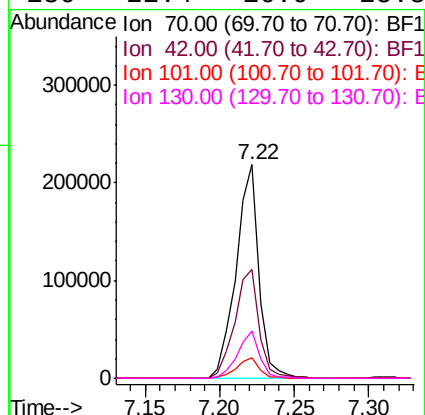
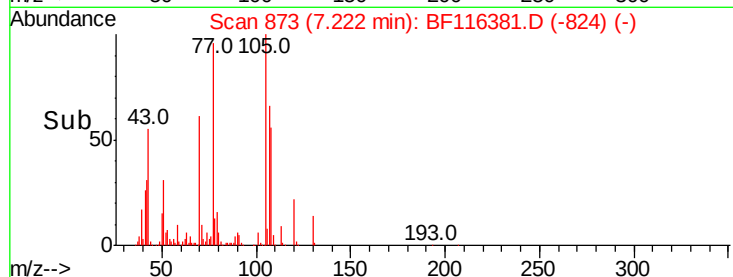
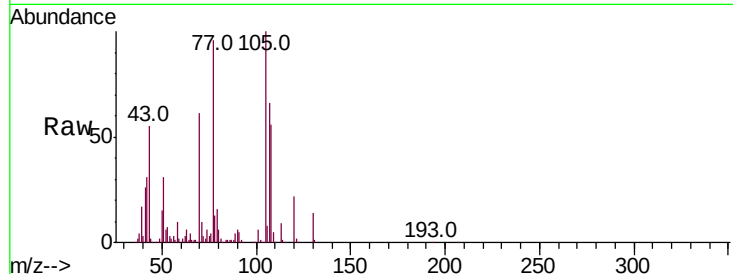
#19
n-Nitroso-di-n-propylamine
Concen: 41.720 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		235278		
42	51.2	40.9	61.3		
101	9.7	7.9	11.9		
130	22.4	16.9	25.3		

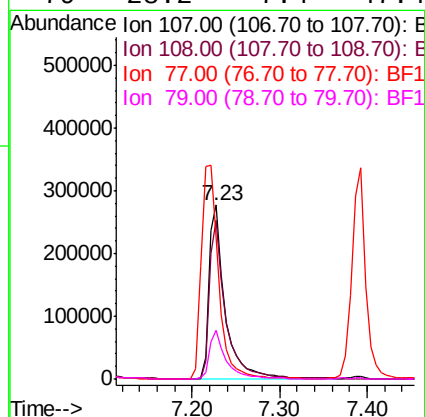
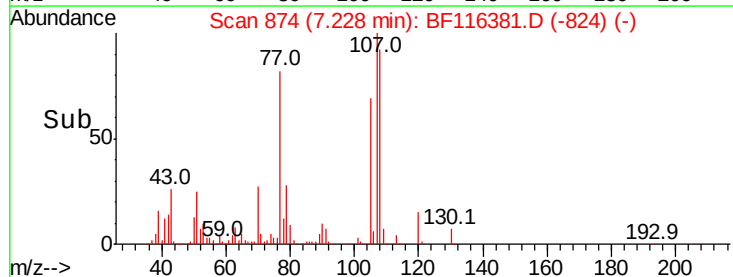
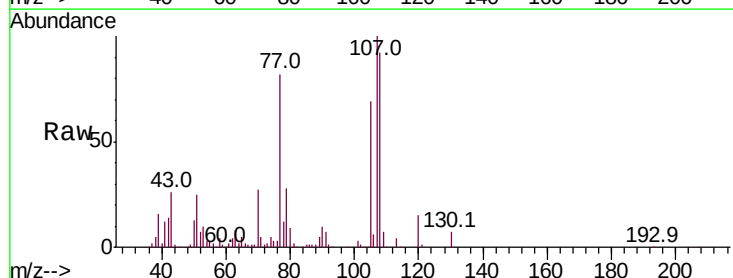
Manual Integrations
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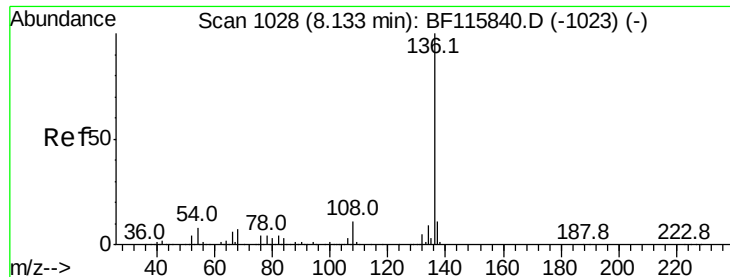
mohammad
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#20
3+4-Methylphenols
Concen: 44.072 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		352240		
108	91.5	67.6	107.6		
77	81.9	104.4	144.4#		
79	28.2	7.4	47.4		





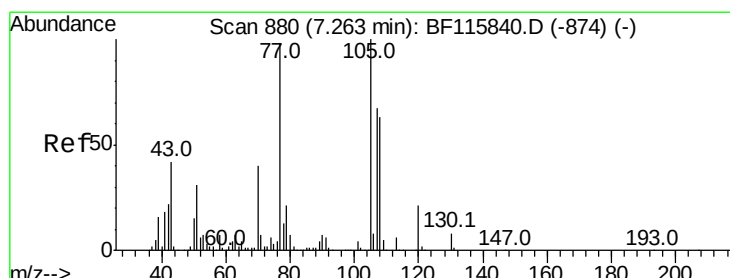
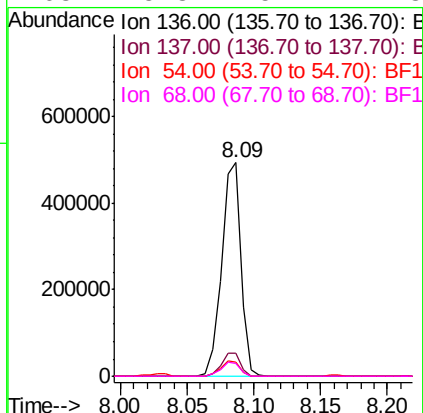
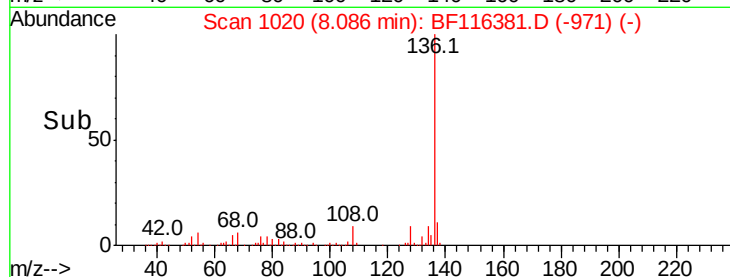
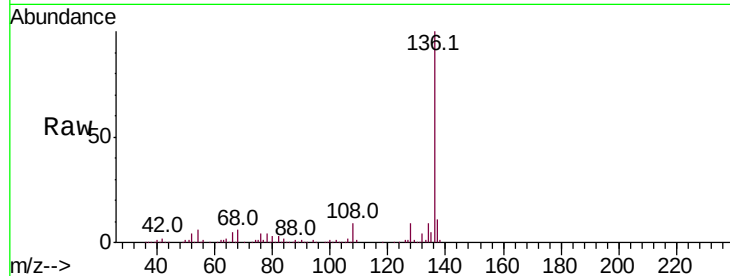
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.0	13.4	
54	6.4	5.8	8.6	
68	5.8	5.2	7.8	

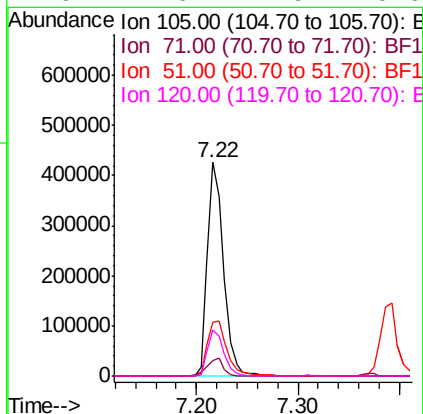
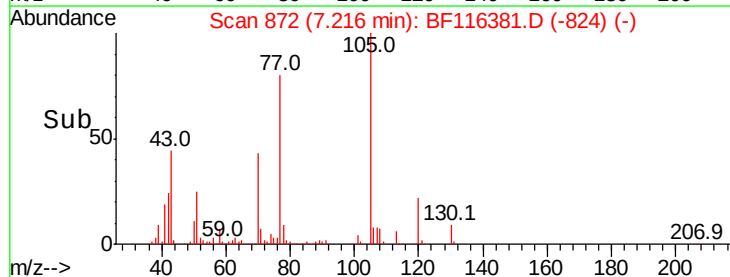
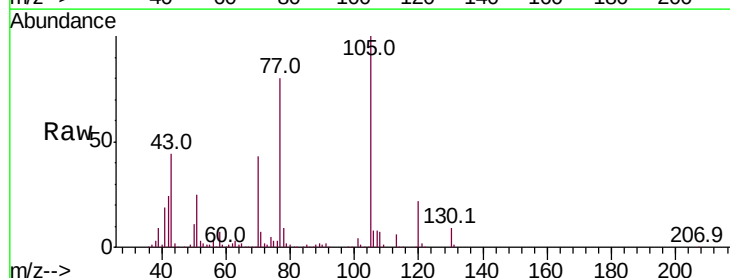
Manual Integrations
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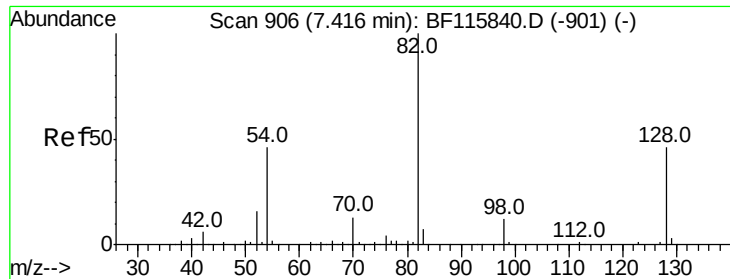
mohammad
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#22
Acetophenone
Concen: 42.125 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.1	5.9	8.9	
51	25.1	25.3	37.9	
120	21.6	17.9	26.9	





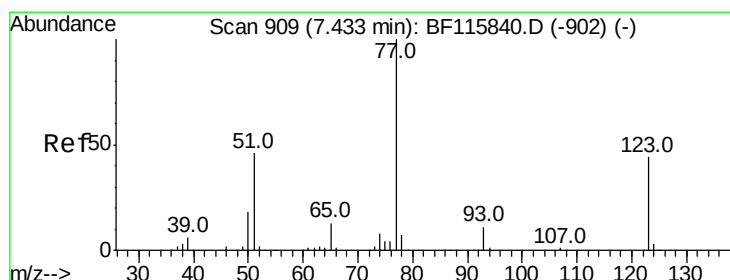
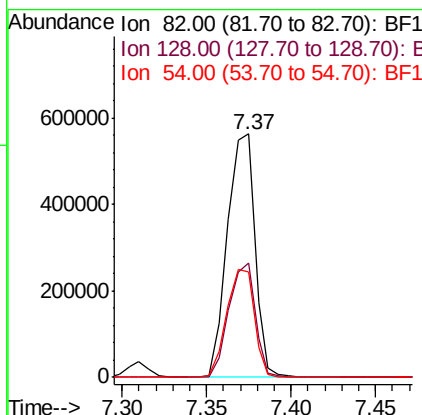
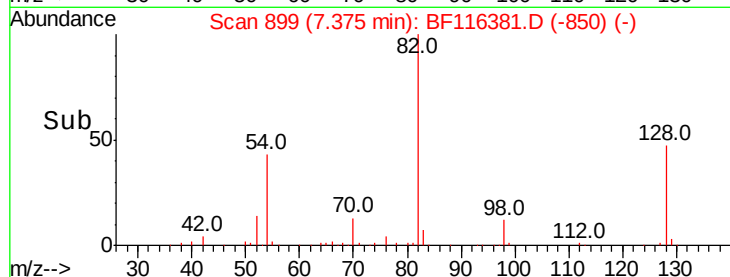
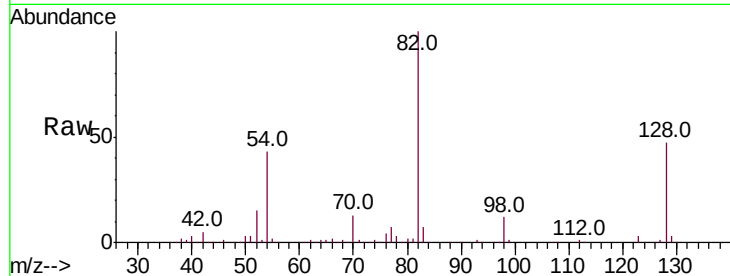
#23
 Nitrobenzene-d5
 Concen: 73.011 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	640384		
128	47.0		36.5	54.7
54	43.1		36.0	54.0

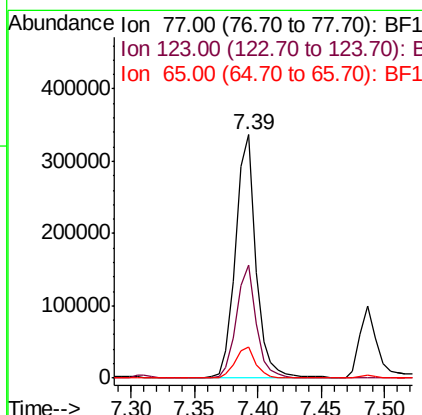
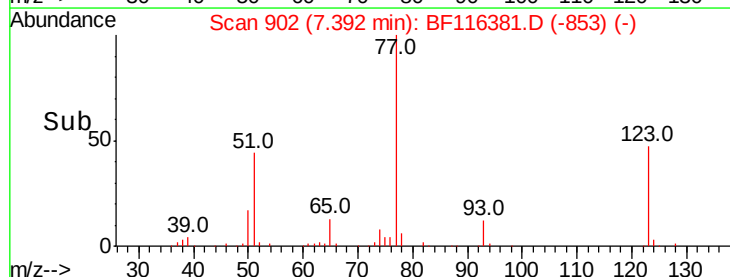
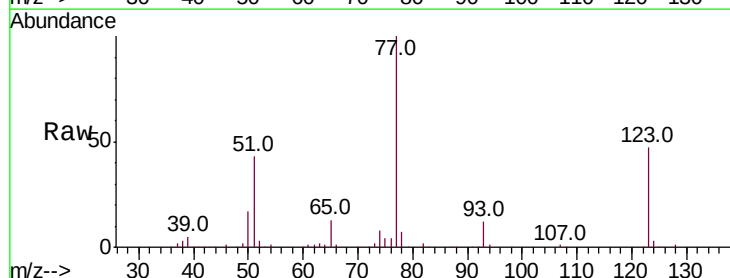
Manual Integrations
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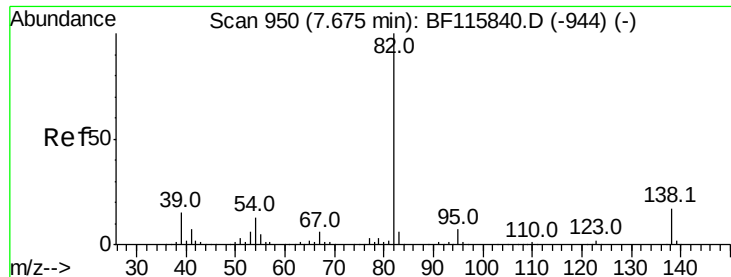
mohammad
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#24
 Nitrobenzene
 Concen: 39.194 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	371199		
123	46.6		36.7	55.1
65	12.9		10.6	16.0





#25

Isophorone

Concen: 40.326 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

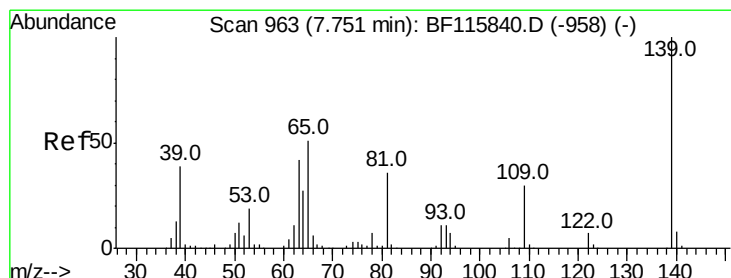
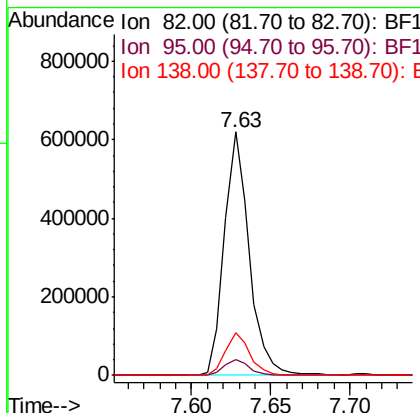
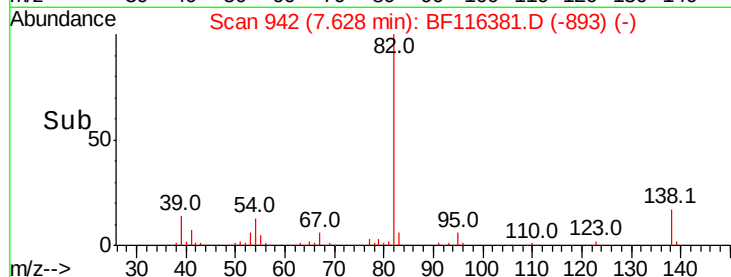
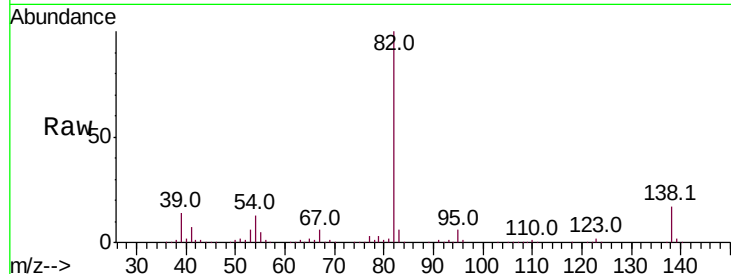
ClientSampleId :

PB122335BS

Tot Ion:	82	Resp:	676331
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.4	8.0
138	17.4	14.5	21.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.124 ng

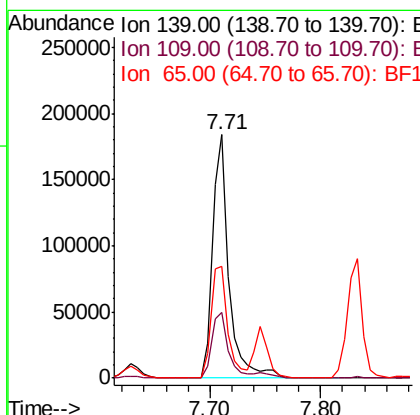
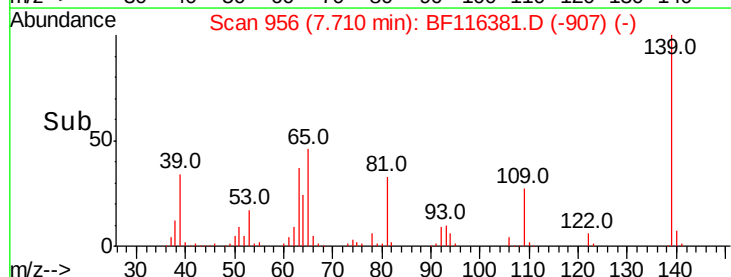
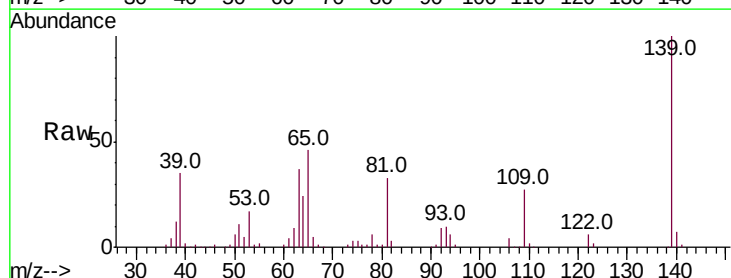
RT: 7.71 min Scan# 956

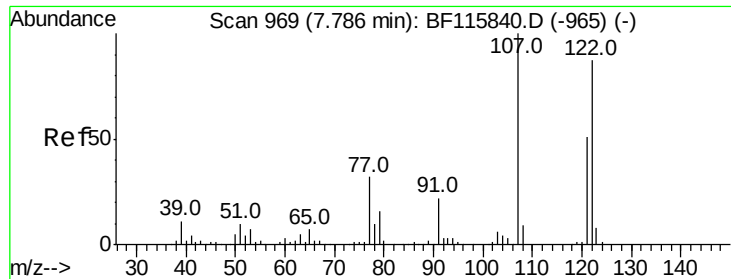
Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Tgt Ion:	139	Resp:	183592
Ion Ratio	Lower	Upper	
139	100		
109	27.1	23.4	35.2
65	46.1	41.1	61.7





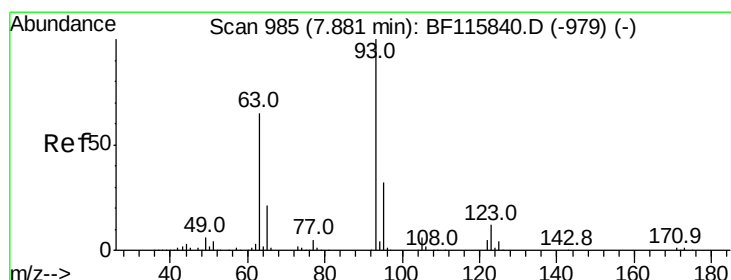
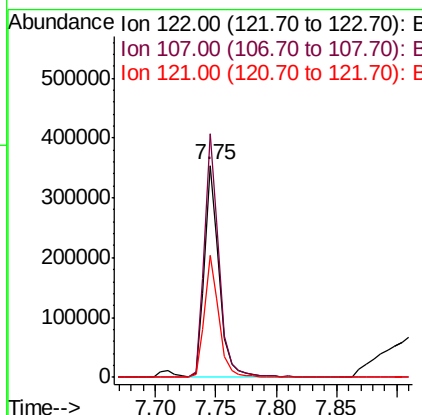
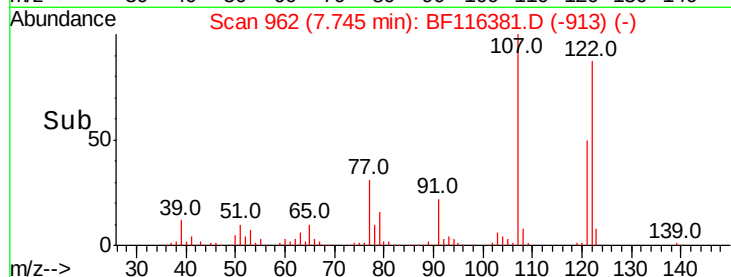
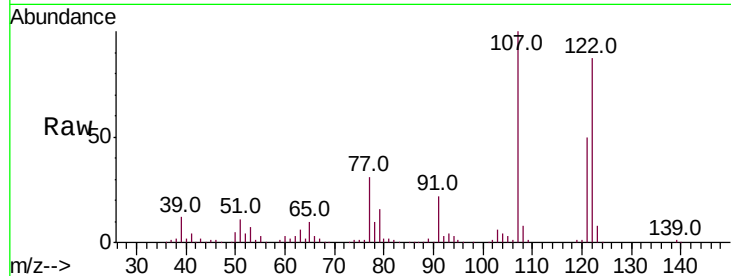
#27
2,4-Dimethylphenol
Concen: 44.339 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	297803		
107	115.0	93.0	139.6	
121	57.6	47.6	71.4	

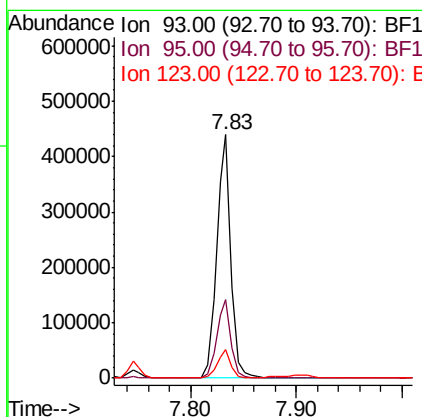
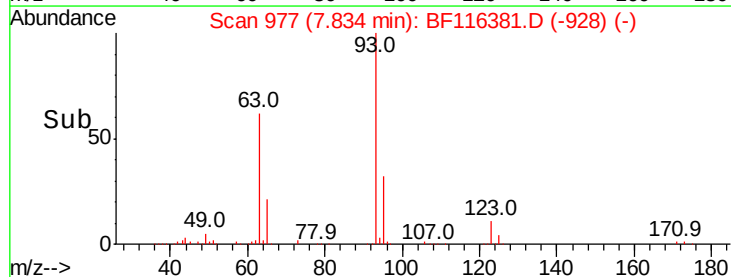
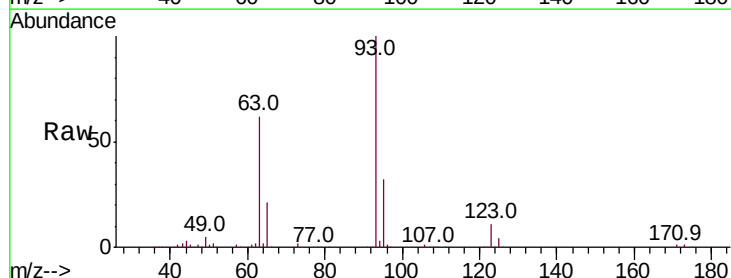
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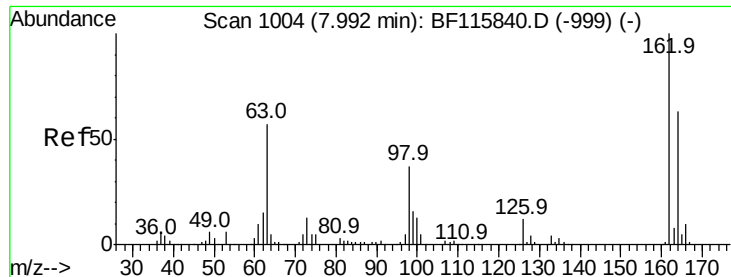
mohammad
8/22/2019 12:45:00 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.173 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	417611		
95	32.3	26.2	39.4	
123	11.5	9.2	13.8	





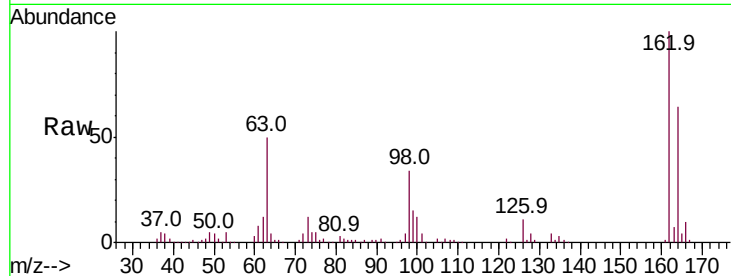
#29
 2,4-Dichlorophenol
 Concen: 40.927 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.5	45.1	85.1
98	34.3	15.8	55.8

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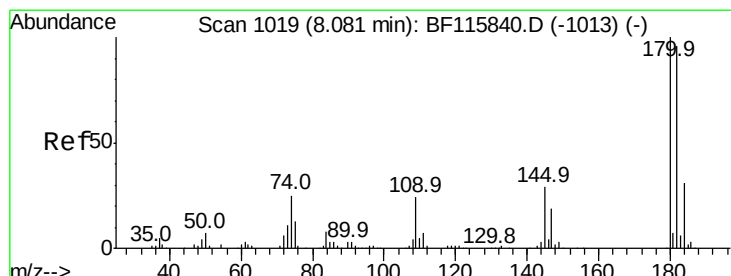
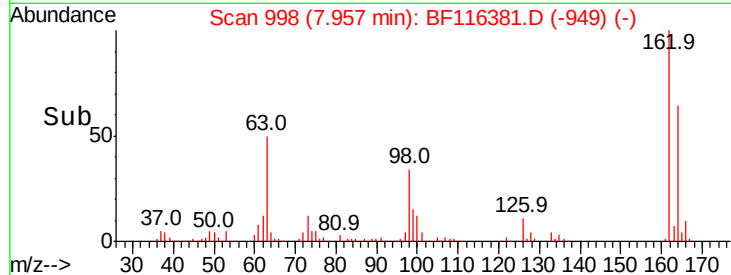
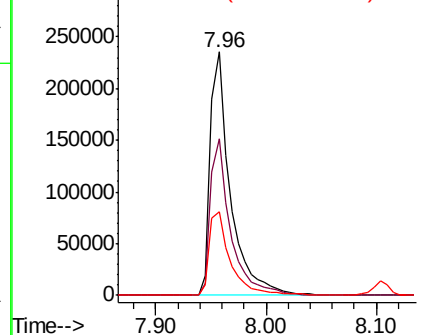


Abundance

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: 38.335 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

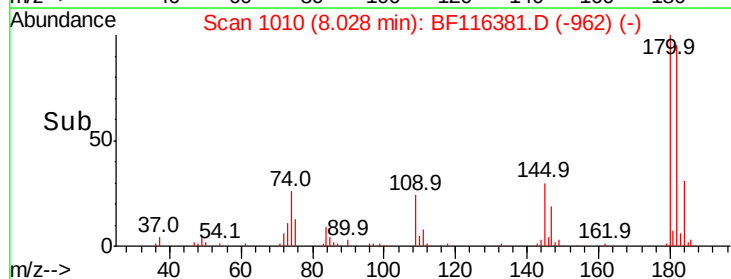
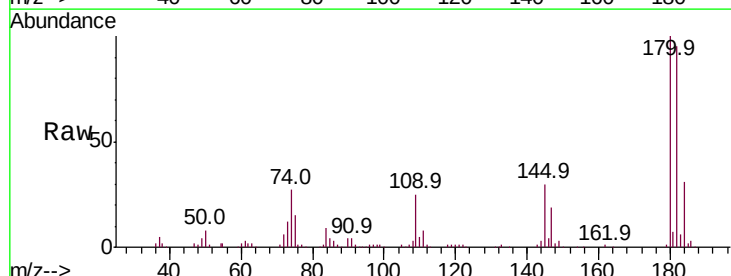
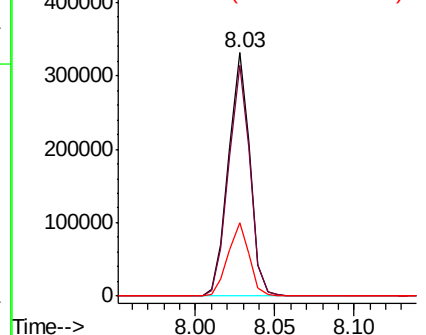
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.7	75.7	113.5
145	30.1	24.3	36.5

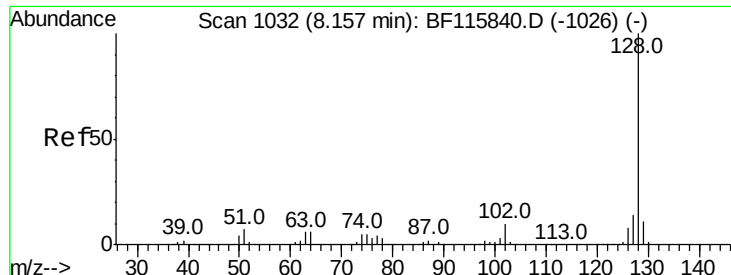
Abundance

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





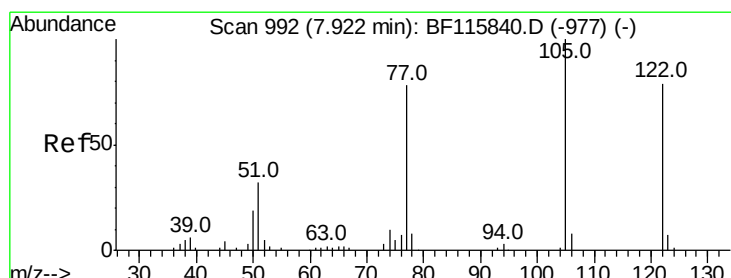
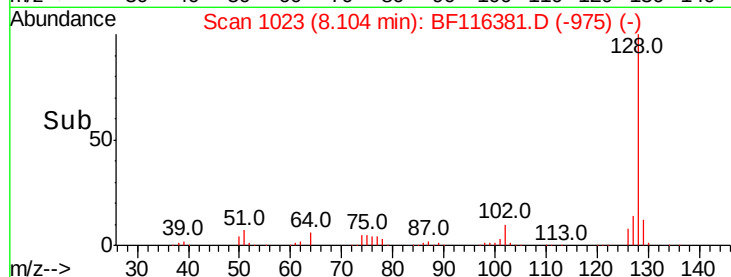
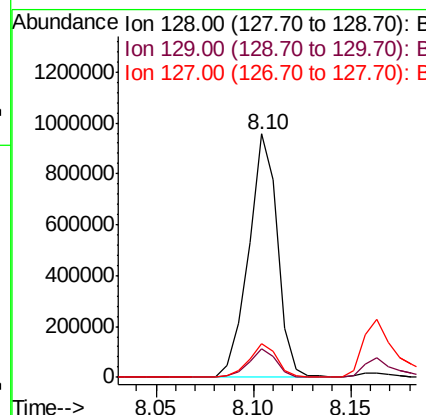
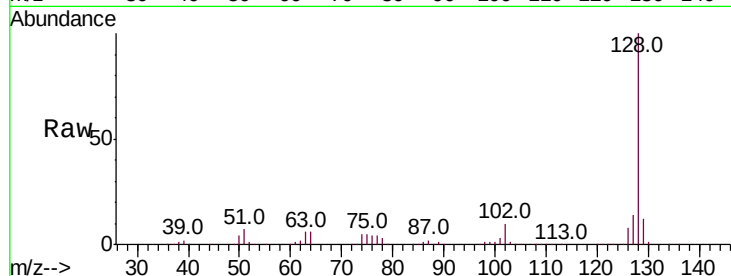
#31
Naphthalene
Concen: 41.078 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.6	11.4	17.0

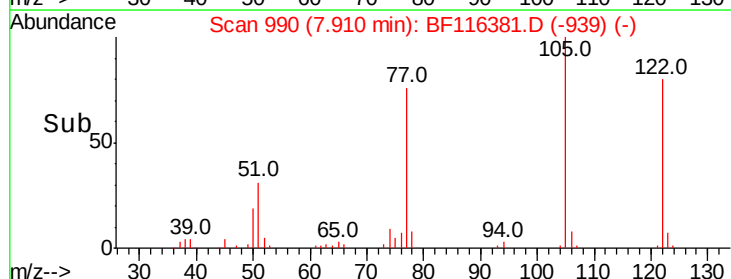
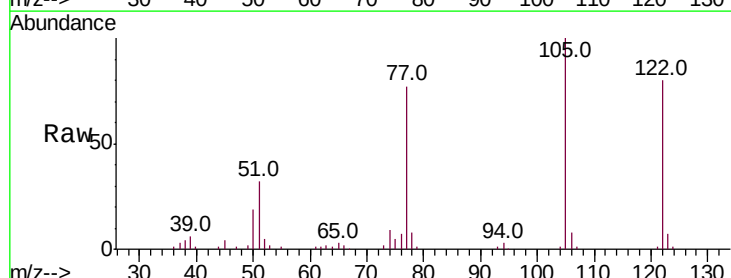
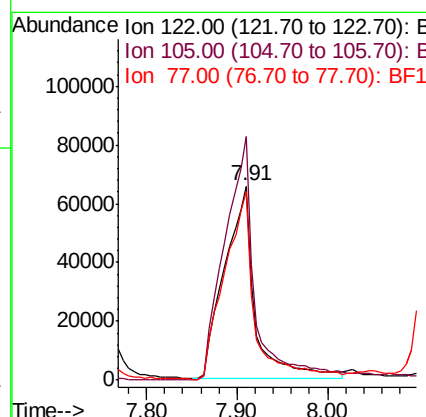
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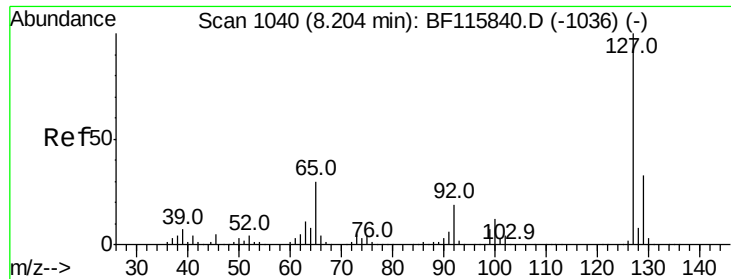
mohammad
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#32
Benzoic acid
Concen: 32.857 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	106.1	146.1
77	97.0	76.7	116.7





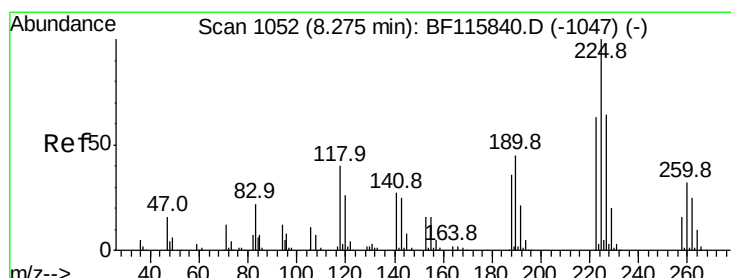
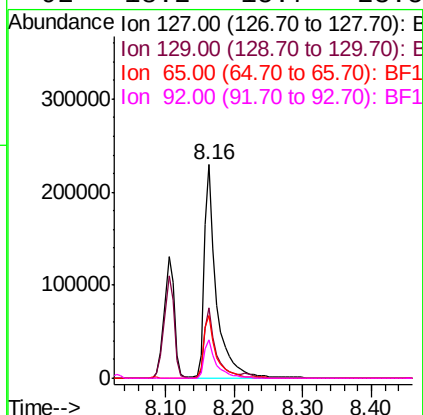
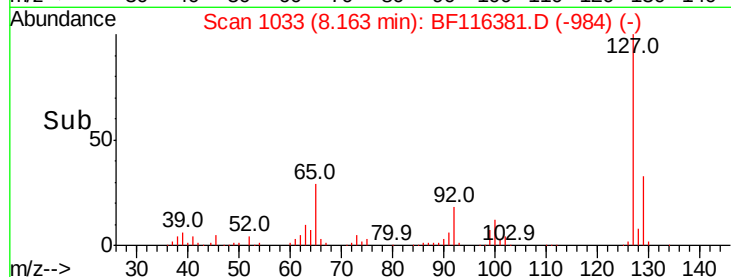
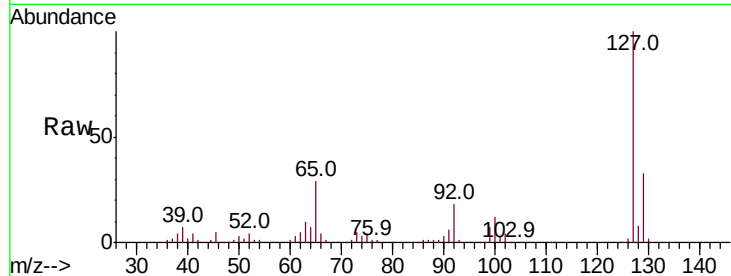
#33
4-Chloroaniline
Concen: 27.120 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	29.4	24.9	37.3
92	18.2	15.7	23.5

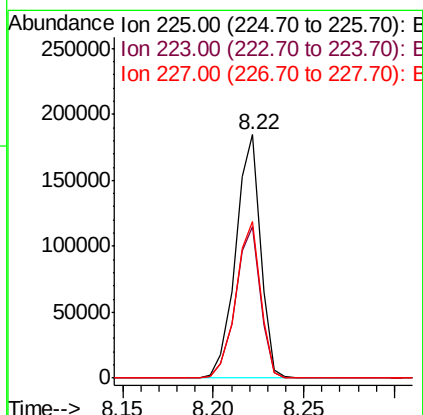
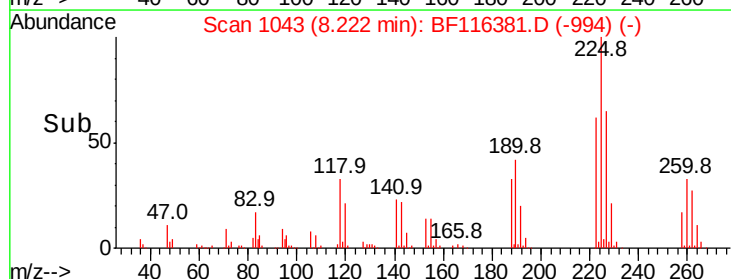
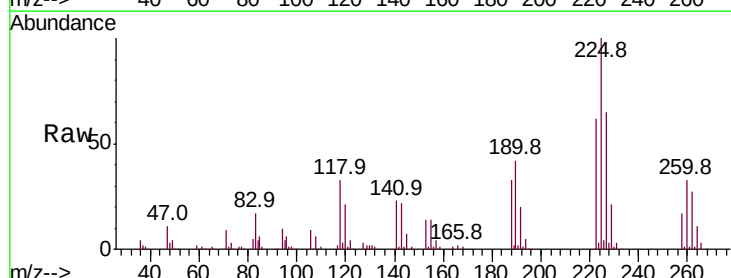
Manual Integrations
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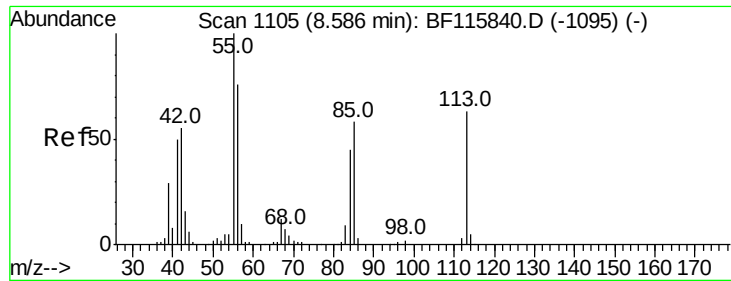
mohammad
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#34
Hexachlorobutadiene
Concen: 37.632 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.0	75.0
227	64.6	51.0	76.4





#35

Caprolactam

Concen: 38.800 ng/mL

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

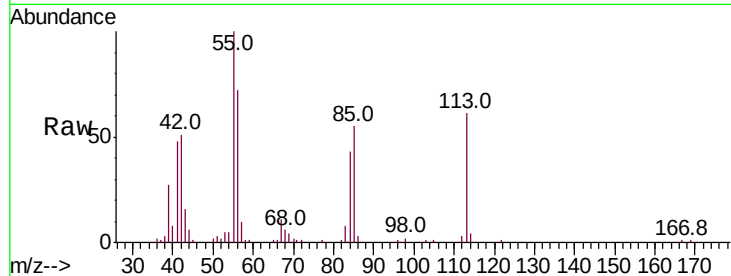
ClientSampleID :

PB122335BS

Tot Ion:	113	Resp:	88994
Ion Ratio	Lower	Upper	
113	100		
55	165.0	144.3	184.3
56	118.5	97.1	137.1

Manual Integrations
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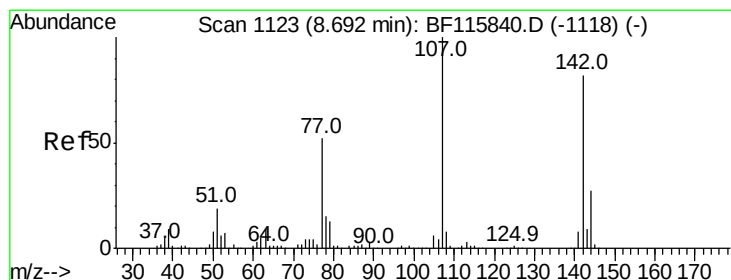
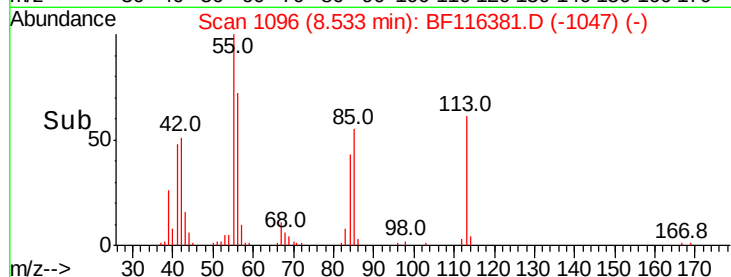
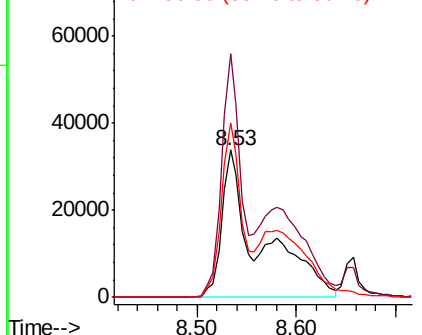
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.766 ng/mL

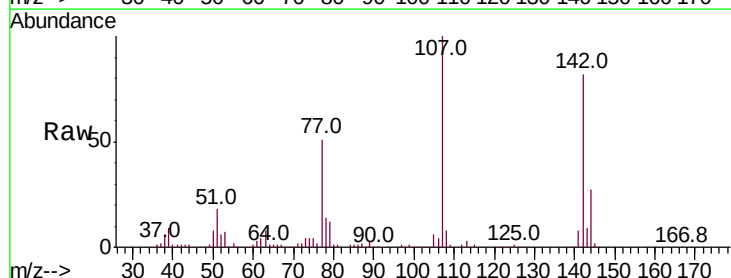
RT: 8.66 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

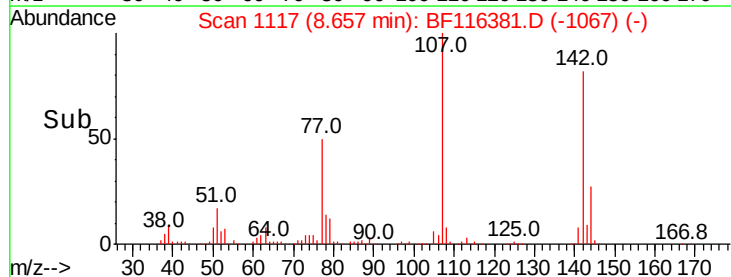
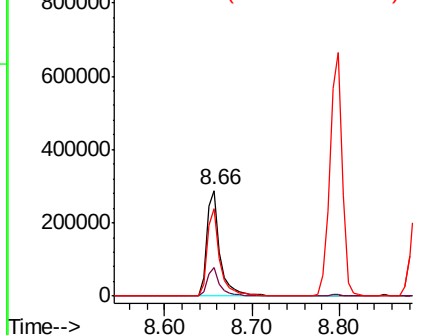
Tgt Ion:	107	Resp:	300757
Ion Ratio	Lower	Upper	
107	100		
144	26.6	20.2	30.2
142	82.3	61.7	92.5

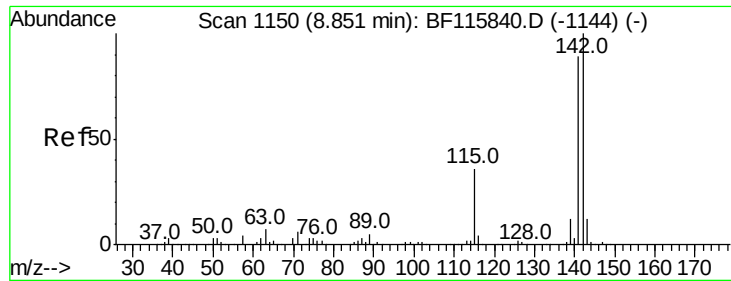


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





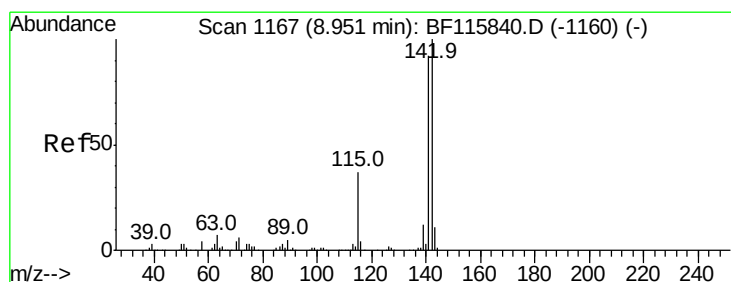
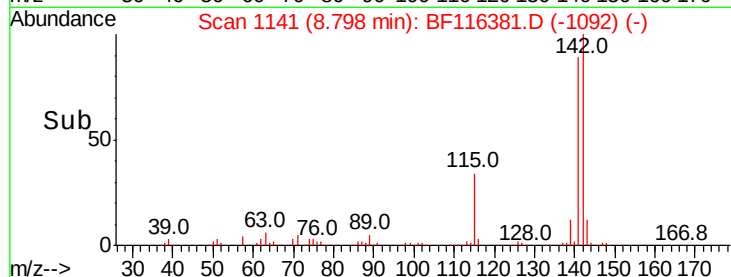
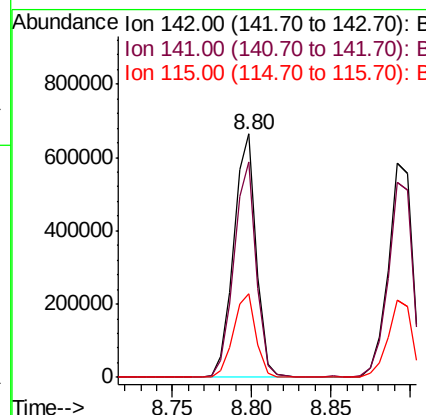
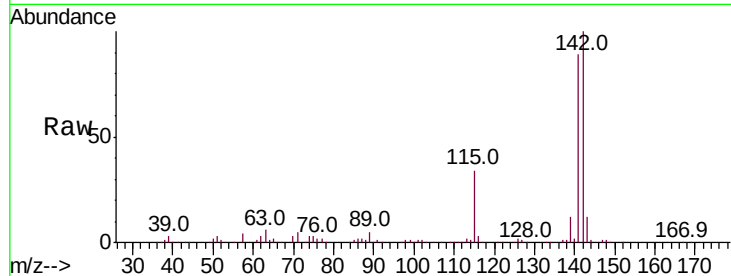
#37
 2-Methylnaphthalene
 Concen: 41.446 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.9	106.3
115	34.5	29.0	43.6

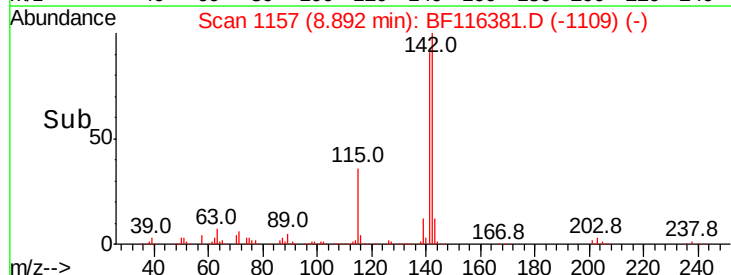
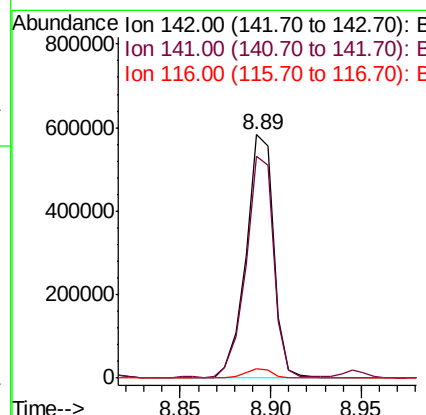
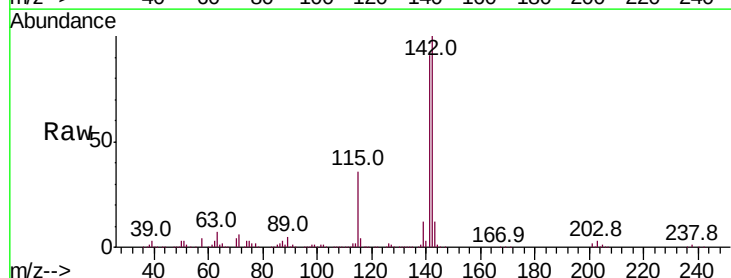
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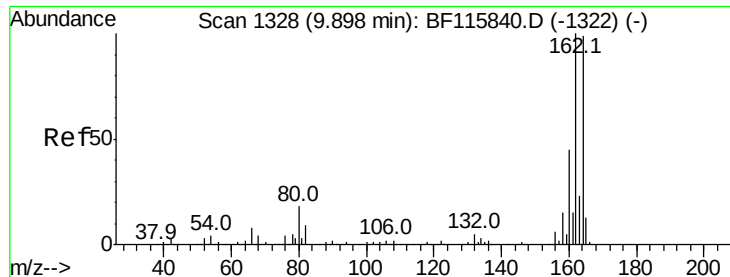
mohammad
 8/22/2019 12:45:00 PM



#38
 1-Methylnaphthalene
 Concen: 41.349 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.4	111.6
116	3.9	3.1	4.7





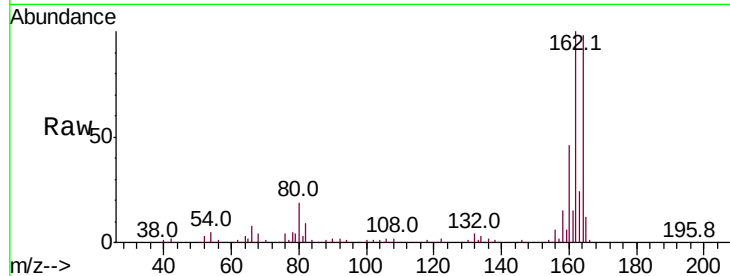
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	124.0
160	46.4	37.6	56.4

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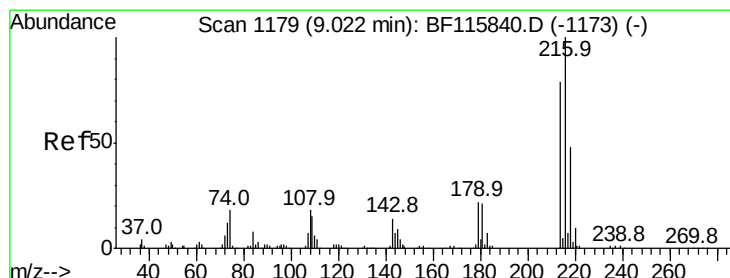
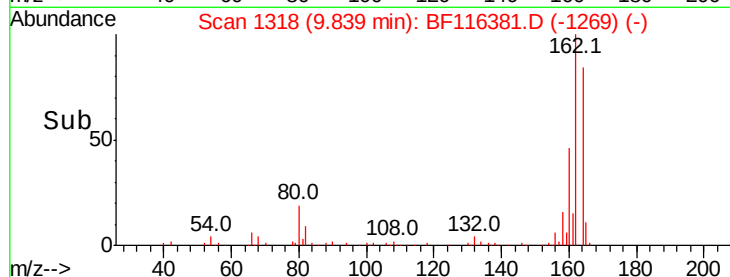
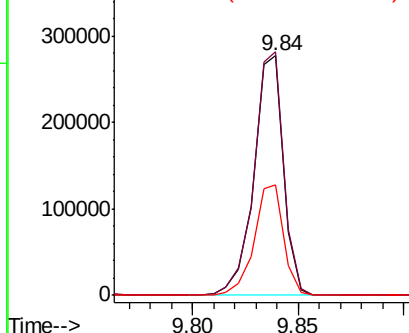


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.898 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.6	95.4
179	22.0	17.8	26.8
108	20.6	16.5	24.7

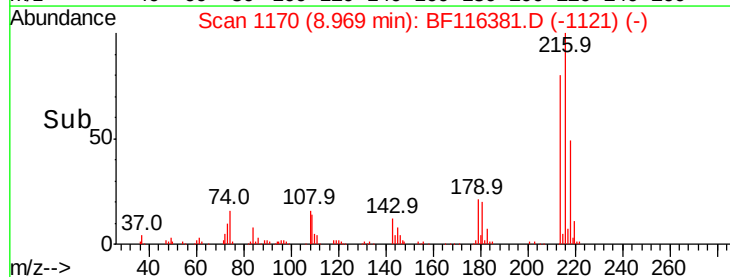
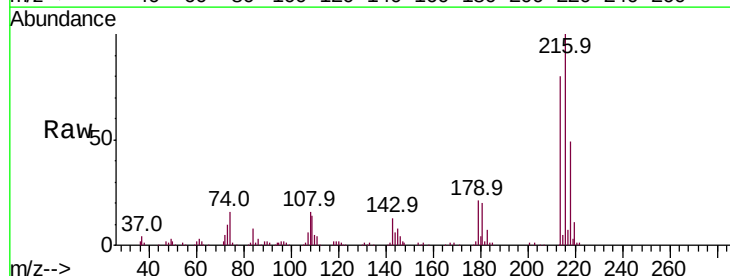
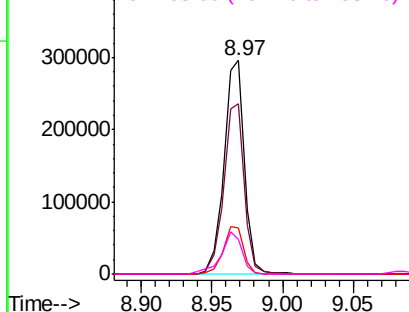
Abundance

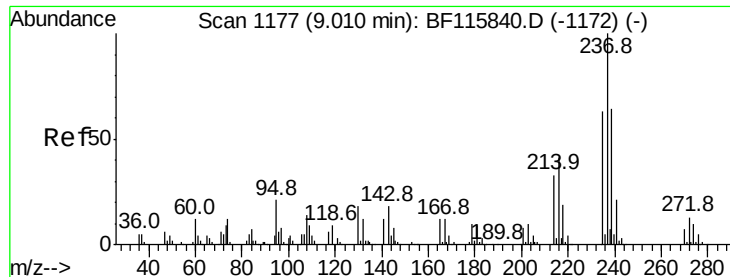
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.881 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

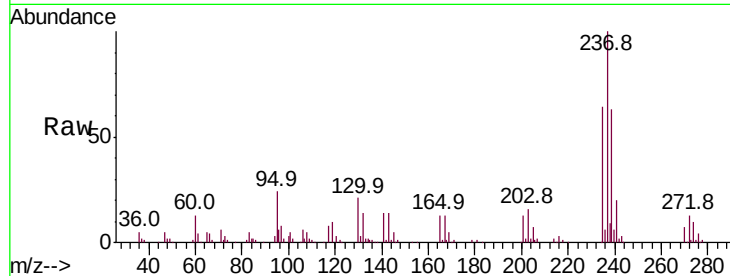
ClientSampleId :

PB122335BS

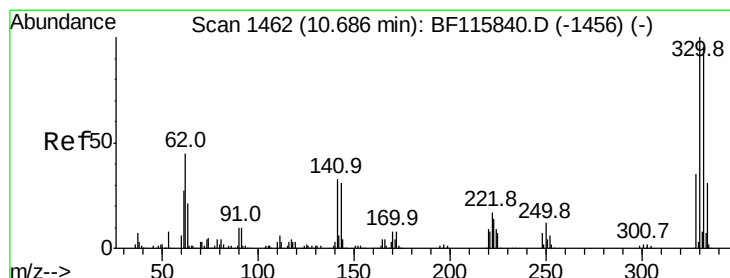
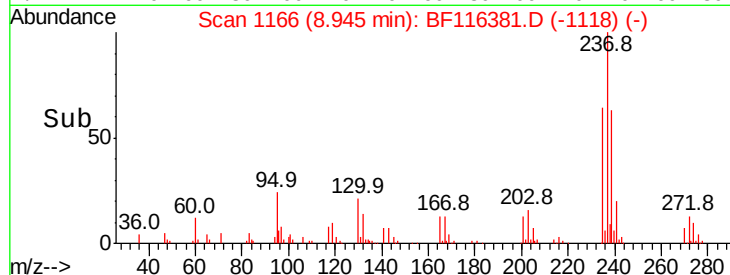
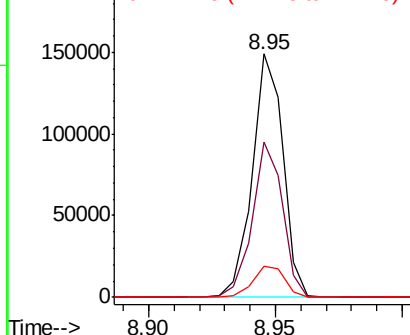
Tot Ion:	237	Resp:	126274
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.4	83.4
272	12.8	0.0	33.2

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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: 103.678 ng

RT: 10.63 min Scan# 1453

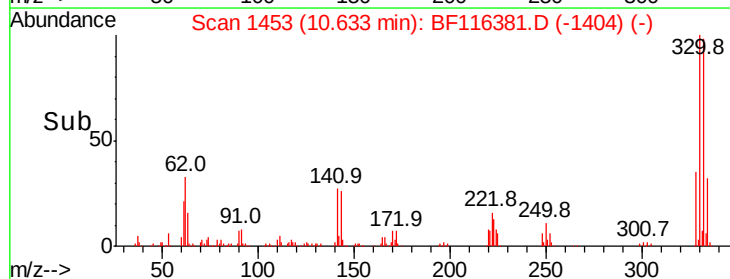
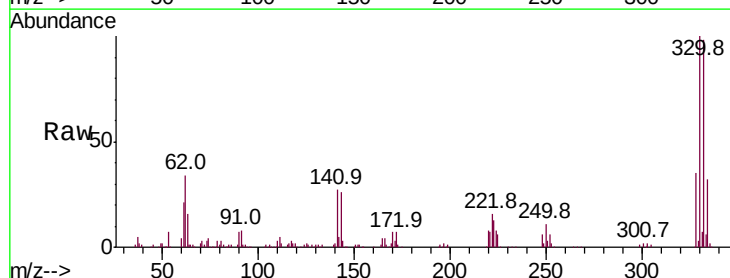
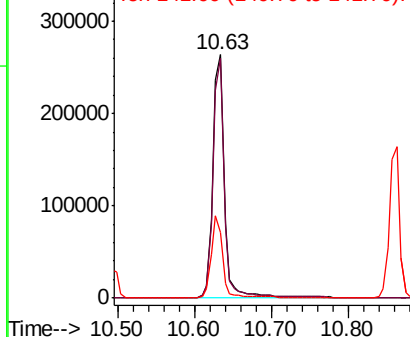
Delta R.T. -0.01 min

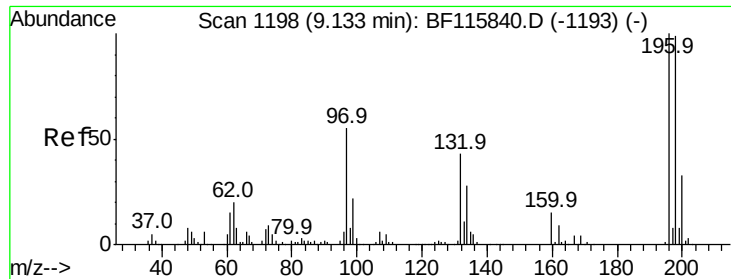
Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Tgt Ion:	330	Resp:	272341
Ion Ratio	Lower	Upper	
330	100		
332	97.5	76.8	115.2
141	32.9	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





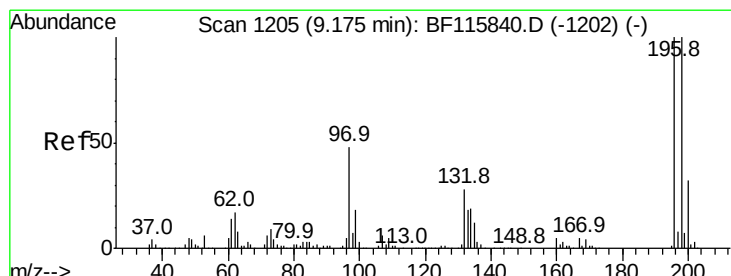
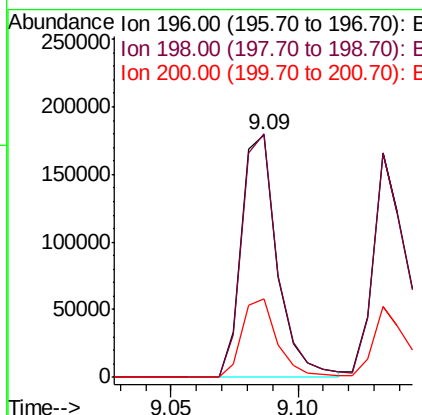
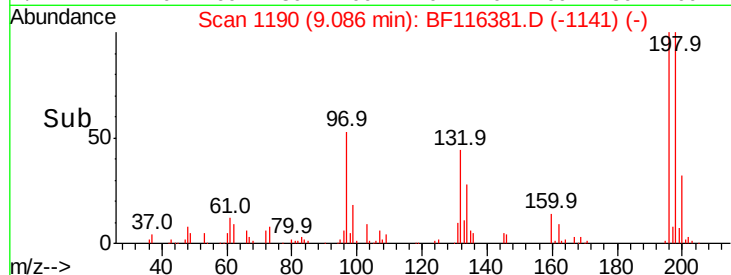
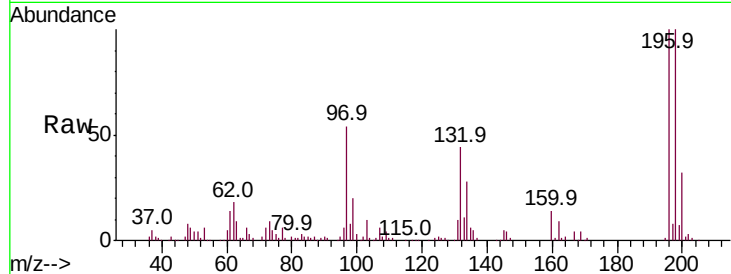
#43
 2,4,6-Trichlorophenol
 Concen: 35.510 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

Tot Ion:	196	Resp:	177038
Ion Ratio	Lower	Upper	
196	100		
198	100.3	79.2	118.8
200	32.2	25.2	37.8

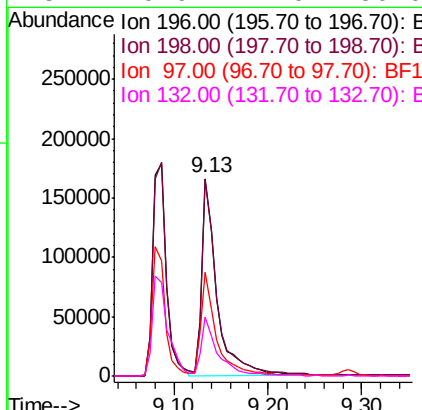
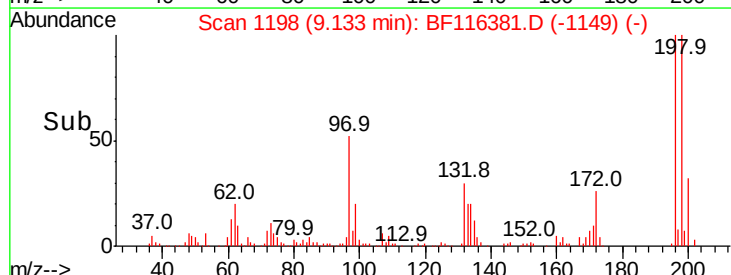
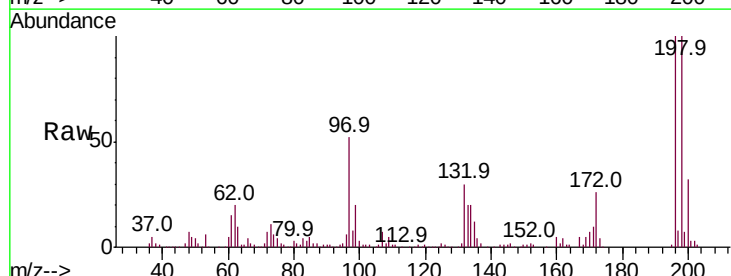
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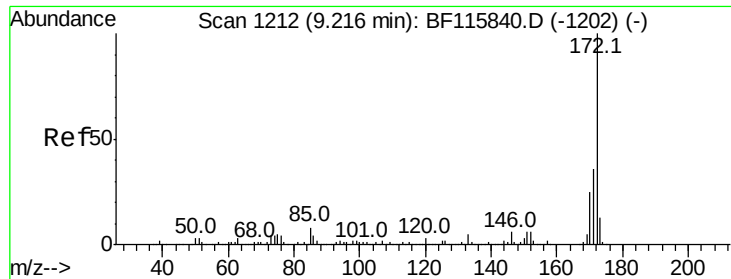
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 36.348 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion:	196	Resp:	187322
Ion Ratio	Lower	Upper	
196	100		
198	99.6	78.8	118.2
97	52.5	42.2	63.4
132	29.9	24.0	36.0





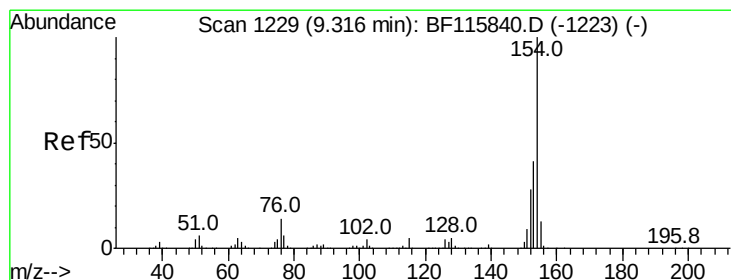
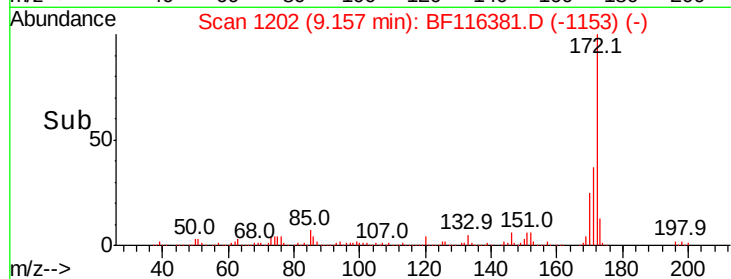
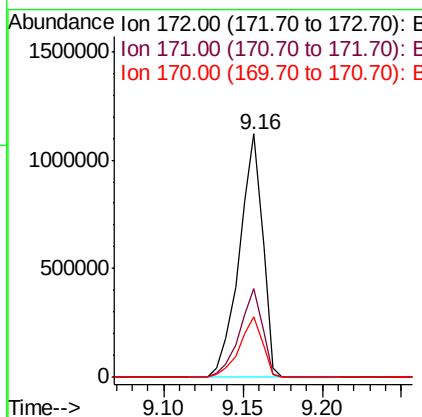
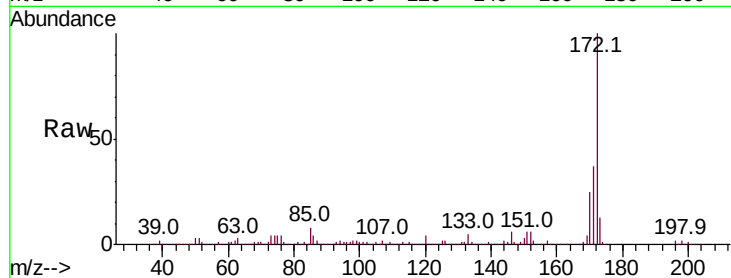
#45
2-Fluorobiphenyl
Concen: 78.711 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleID :
PB122335BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.9	20.1	30.1

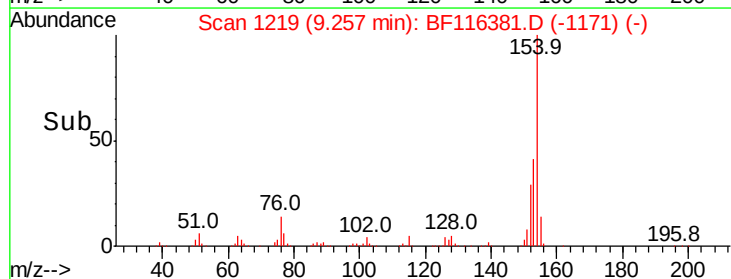
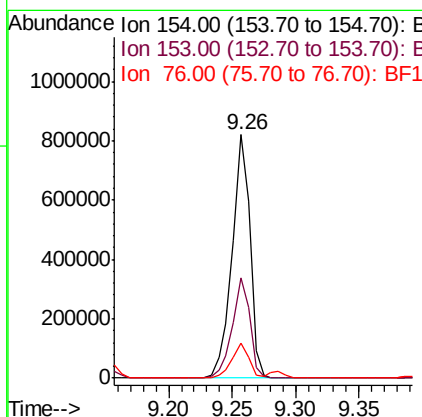
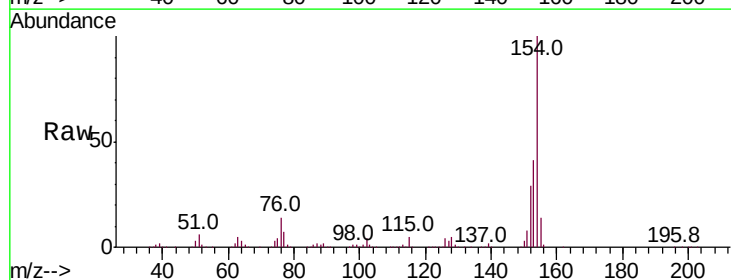
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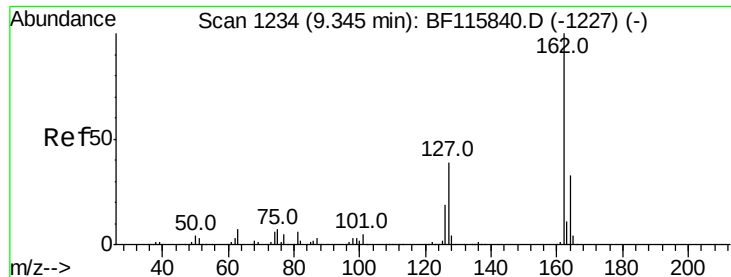
mohammad
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#46
1,1'-Biphenyl
Concen: 41.660 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.4	61.4
76	14.4	0.0	35.2





#47

2-Chloronaphthalene

Concen: 39.075 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

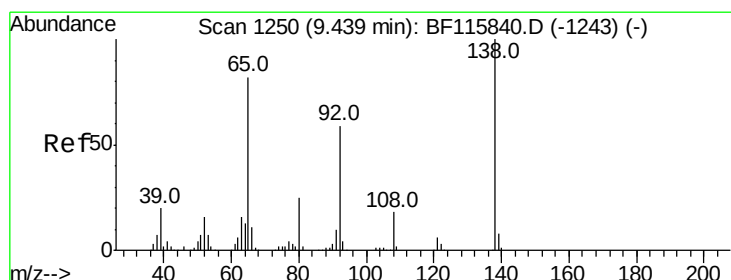
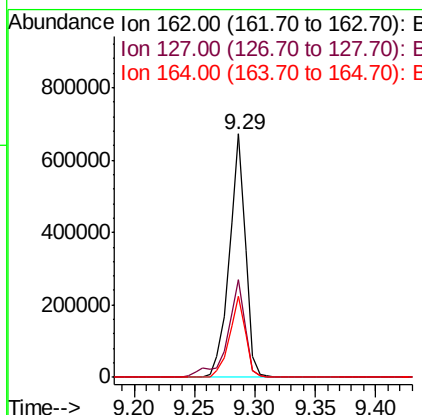
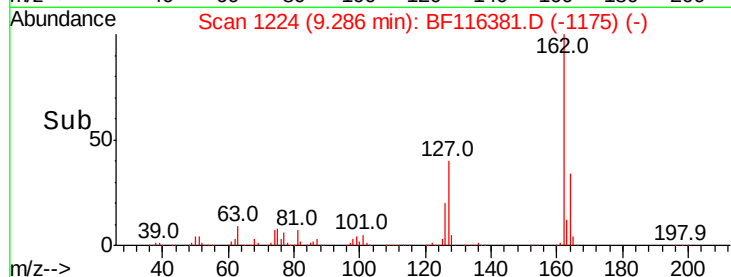
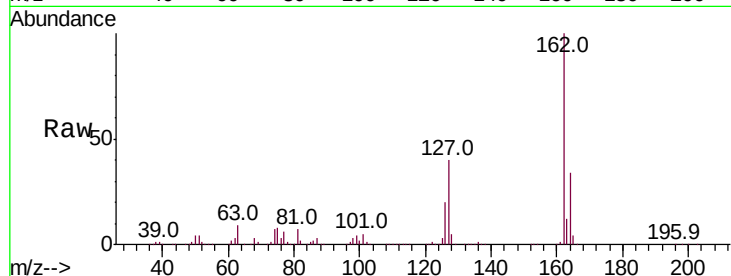
ClientSampleID :

PB122335BS

Tot Ion:	162	Resp:	622083
Ion Ratio	Lower	Upper	
162	100		
127	40.3	32.8	49.2
164	33.5	26.6	39.8

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#48

2-Nitroaniline

Concen: 36.577 ng

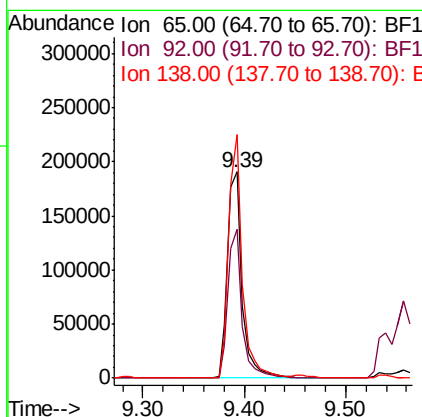
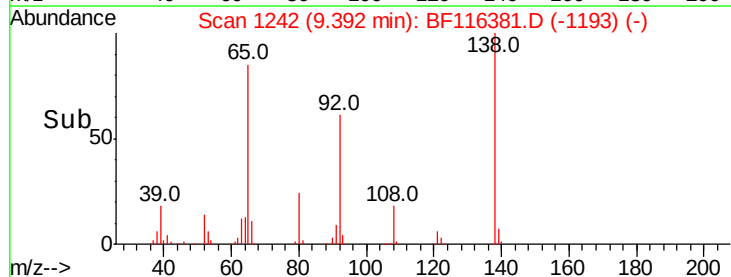
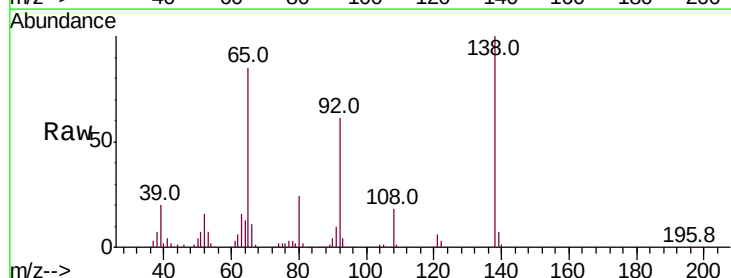
RT: 9.39 min Scan# 1242

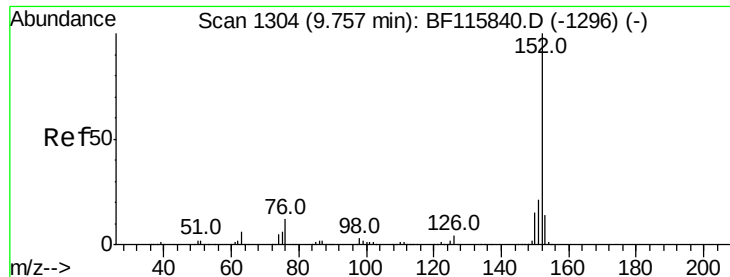
Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Tgt Ion:	65	Resp:	192477
Ion Ratio	Lower	Upper	
65	100		
92	72.5	57.8	86.8
138	118.1	94.0	141.0





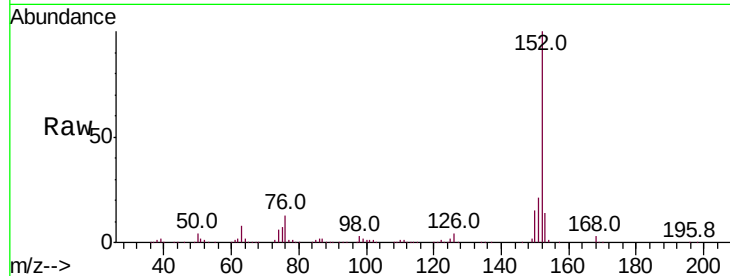
#49
Acenaphthylene
Concen: 39.542 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampled :
PB122335BS

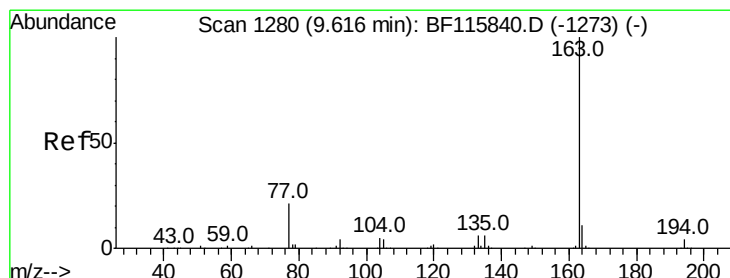
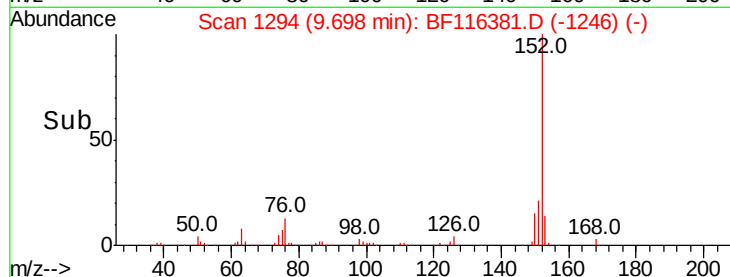
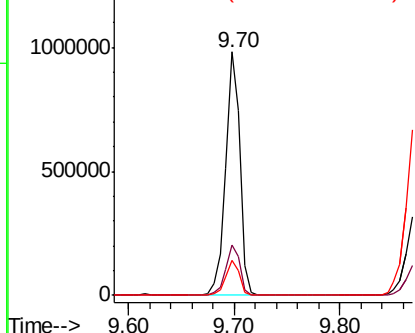
Tot Ion	Ratio	Resp	Lower	Upper
152	100	918393		
151	20.7		17.2	25.8
153	14.3		11.8	17.8

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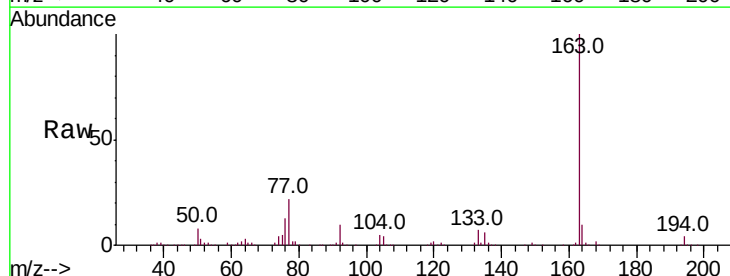


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

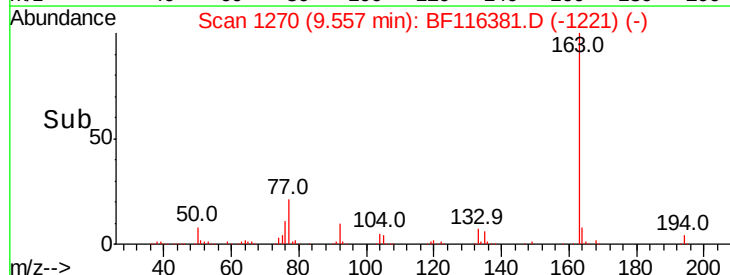
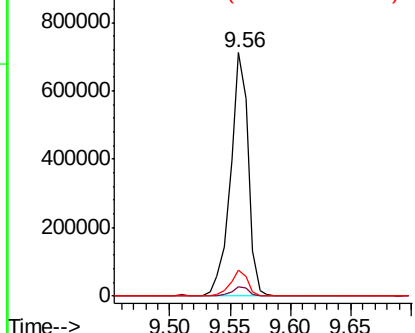


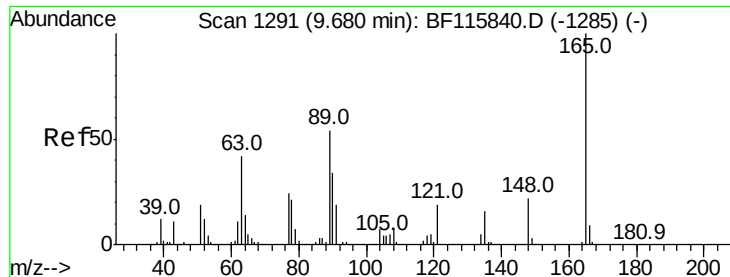
#50
Dimethylphthalate
Concen: 39.332 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	725591		
194	3.7		3.0	4.6
164	10.5		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





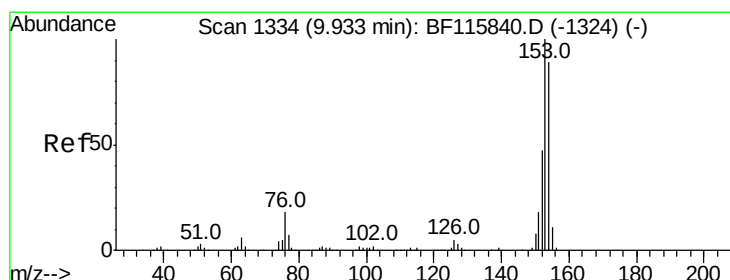
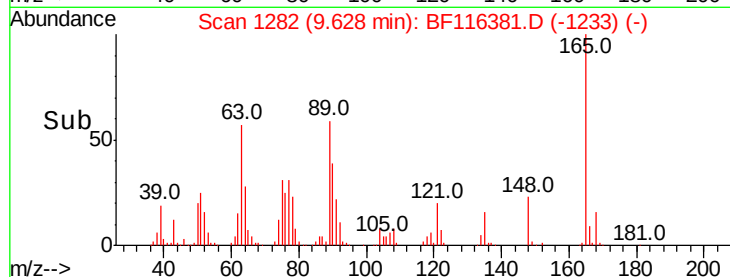
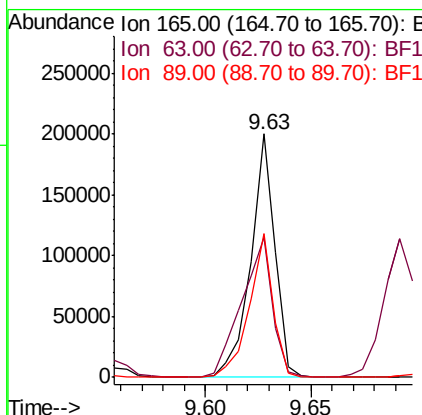
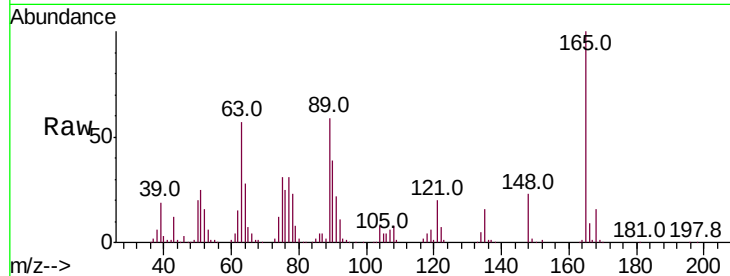
#51
 2,6-Dinitrotoluene
 Concen: 39.810 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Instrument :
 BNA_F
 ClientSampled :
 PB122335BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.5	38.2	57.2#	
89	59.3	42.9	64.3	

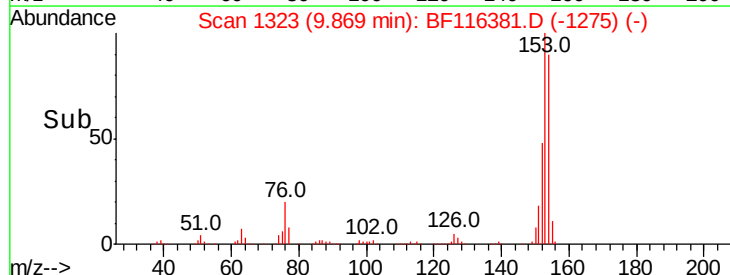
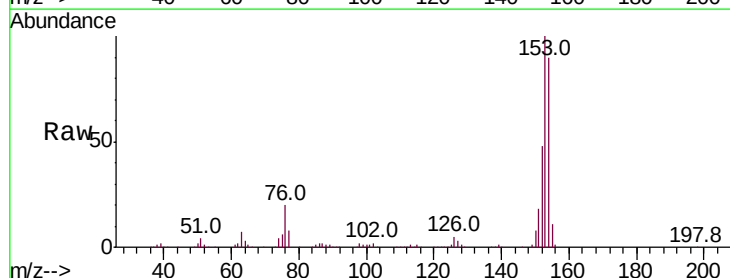
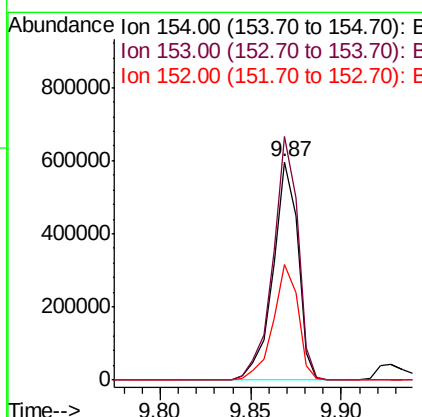
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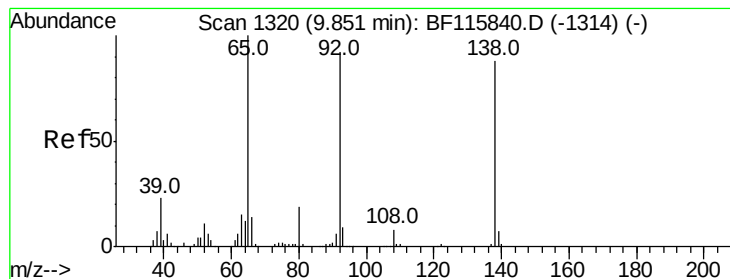
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#52
 Acenaphthene
 Concen: 40.082 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.6	89.4	134.0	
152	53.2	42.3	63.5	





#53

3-Nitroaniline

Concen: 25.258 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

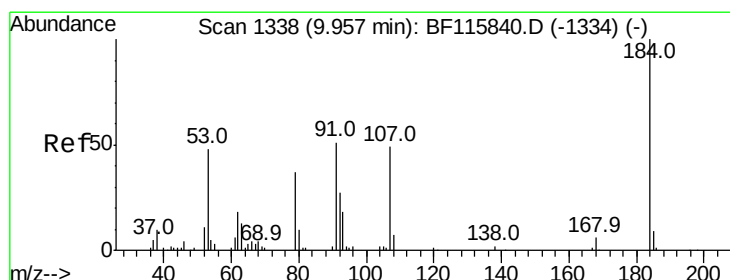
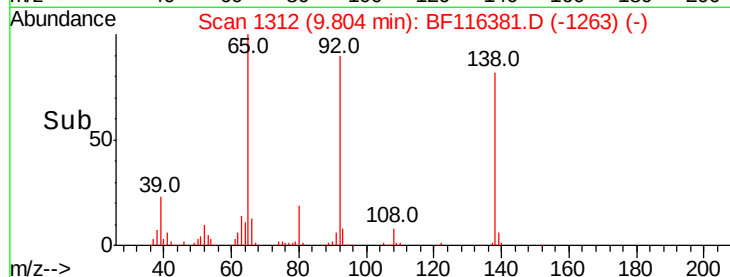
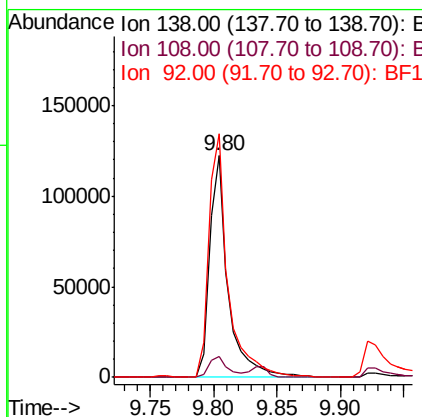
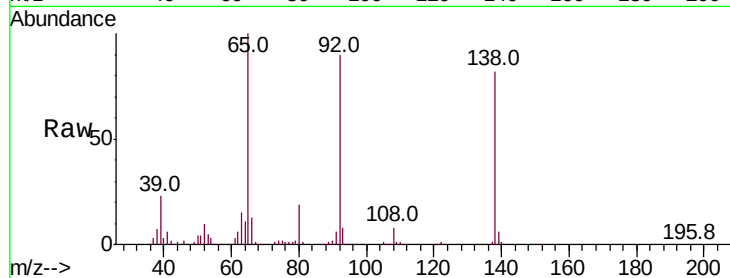
ClientSampleId :

PB122335BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	125121		
108	9.6	8.0	12.0	
92	109.9	91.0	136.6	

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#54

2,4-Dinitrophenol

Concen: 54.085 ng

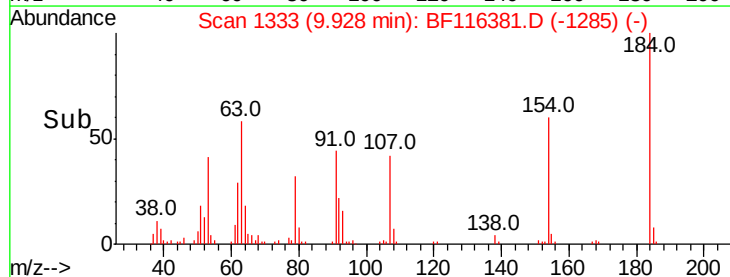
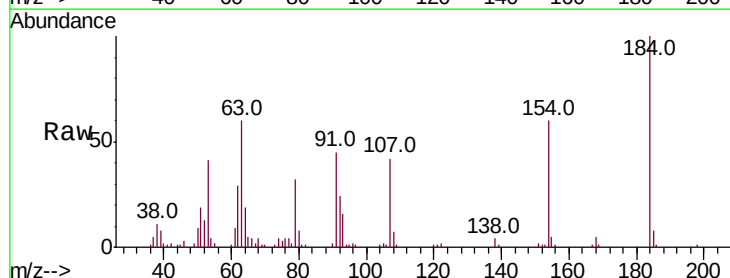
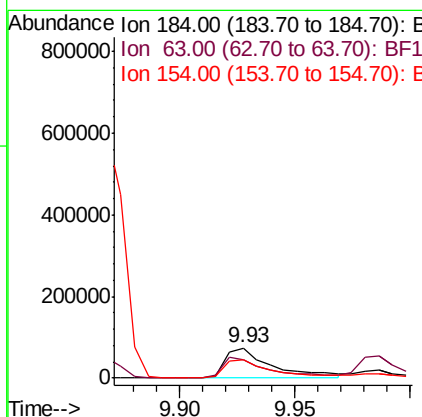
RT: 9.93 min Scan# 1333

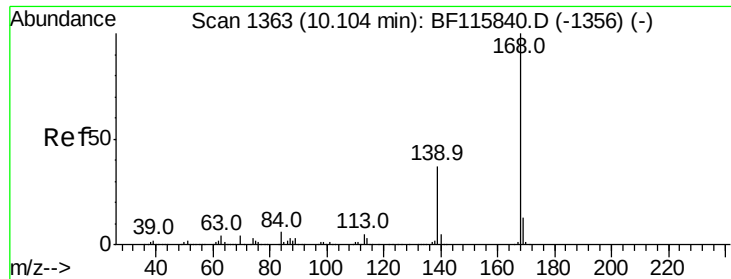
Delta R.T. -0.02 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	104563		
63	60.0	53.0	79.4	
154	60.0	50.1	75.1	





#55

Dibenzofuran

Concen: 38.583 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

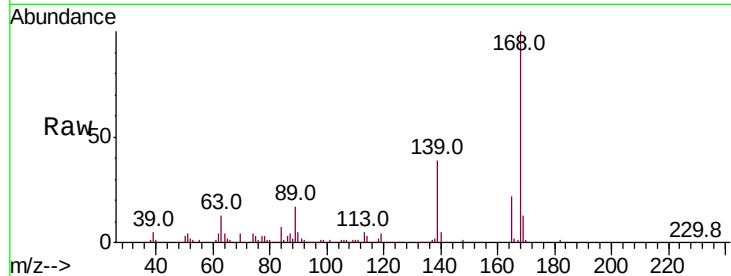
ClientSampleId :

PB122335BS

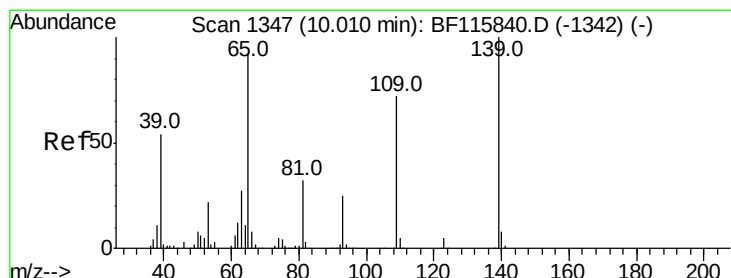
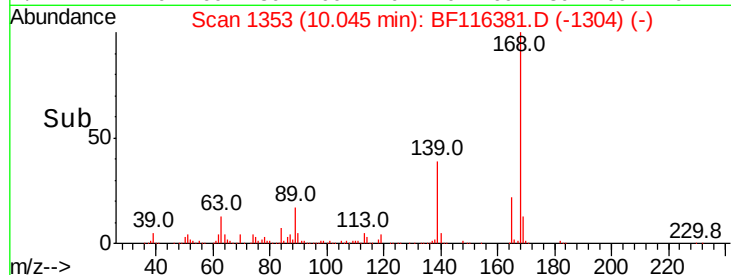
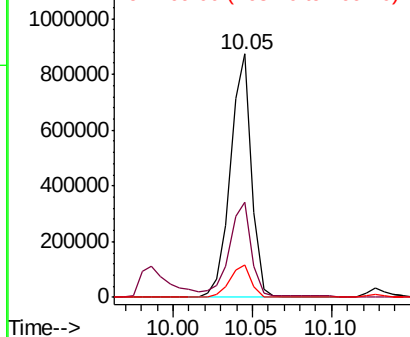
Tot Ion:168	Resp:	799493
Ion Ratio	Lower	Upper
168 100		
139 38.9	31.4	47.2
169 13.4	10.9	16.3

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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: 46.673 ng

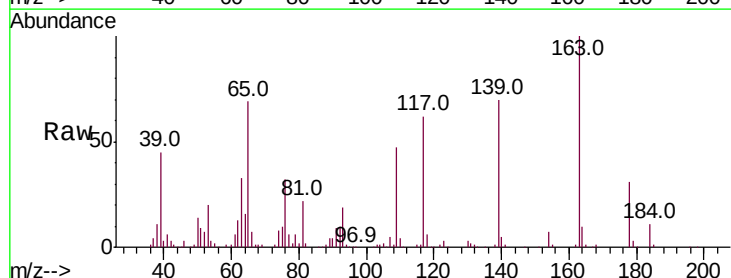
RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

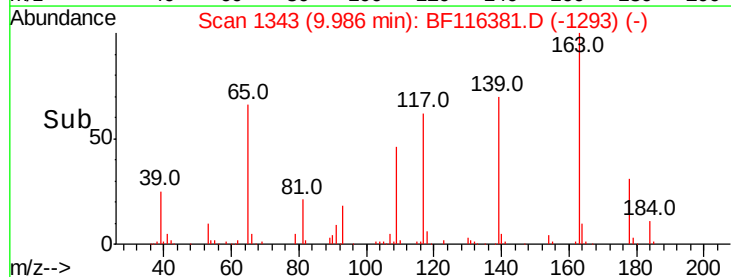
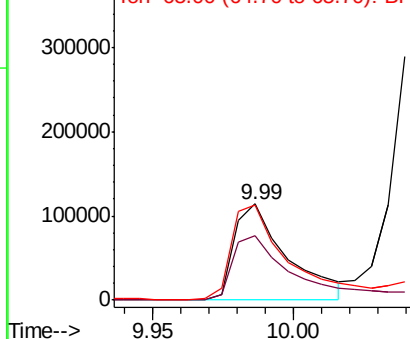
Lab File: BF116381.D

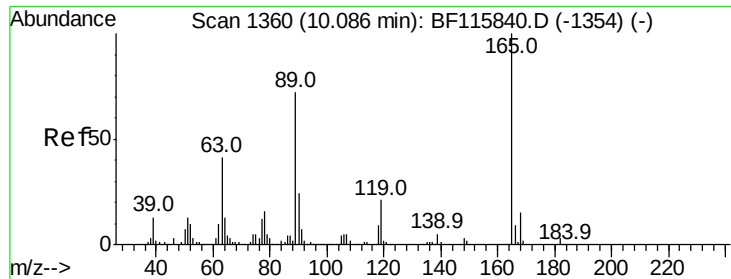
Acq: 19 Aug 2019 10:26

Tgt Ion:139	Resp:	148106
Ion Ratio	Lower	Upper
139 100		
109 67.3	54.4	94.4
65 98.5	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: 37.302 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

Tot Ion:165 Resp: 199105
Ion Ratio Lower Upper

165 100

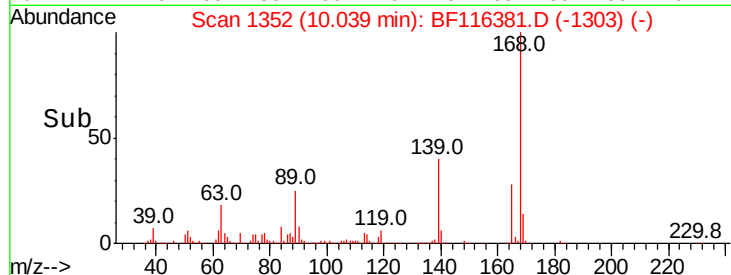
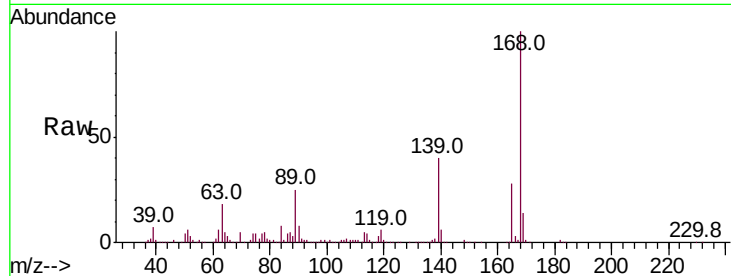
63 64.5 39.6 59.4#

89 88.4 62.2 93.2

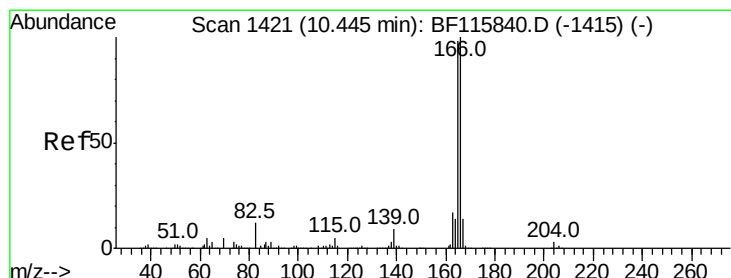
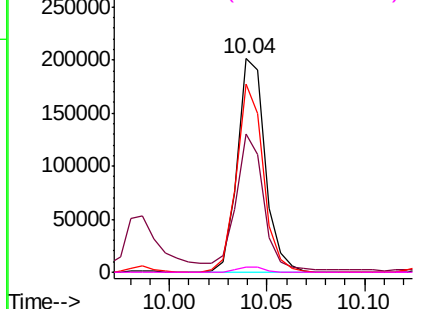
182 2.5 2.1 3.1

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.899 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF116381.D

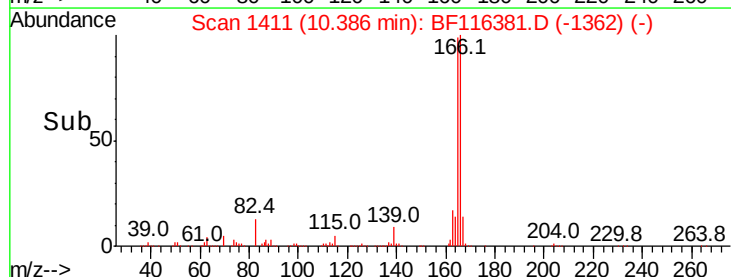
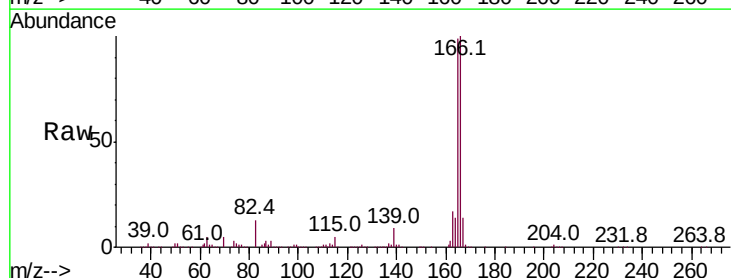
Acq: 19 Aug 2019 10:26

Tgt Ion:166 Resp: 652029
Ion Ratio Lower Upper

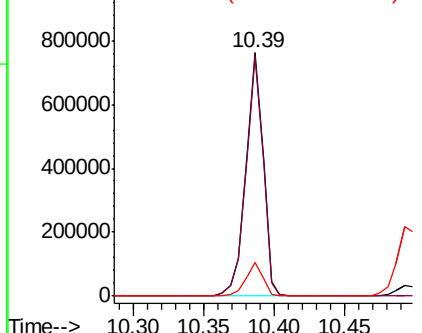
166 100

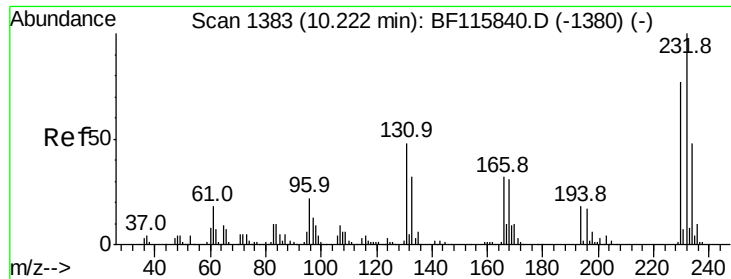
165 98.7 78.4 117.6

167 13.8 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





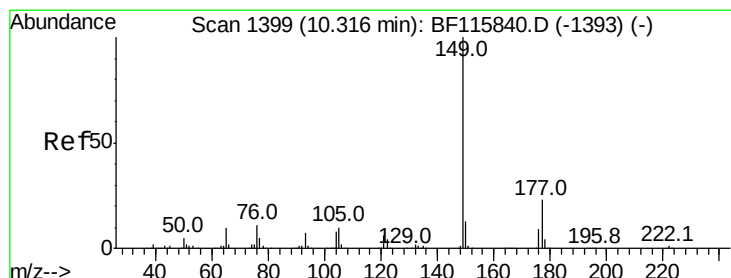
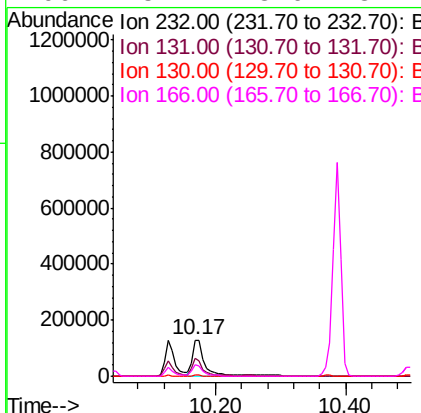
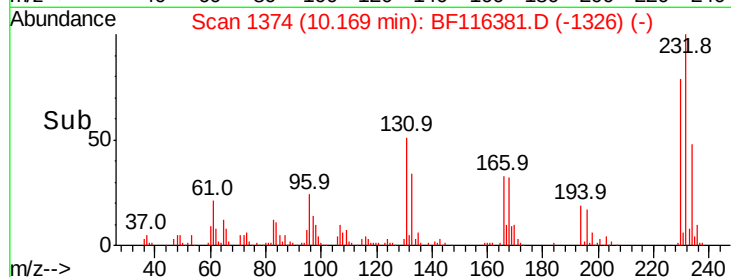
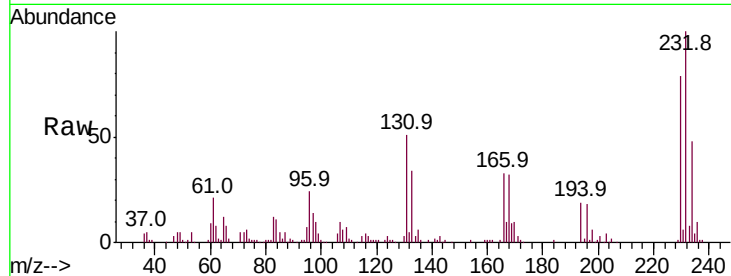
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.869 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.02 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	168529		
131	44.1	36.2	54.2	
130	2.3	1.9	2.9	
166	28.1	23.0	34.4	

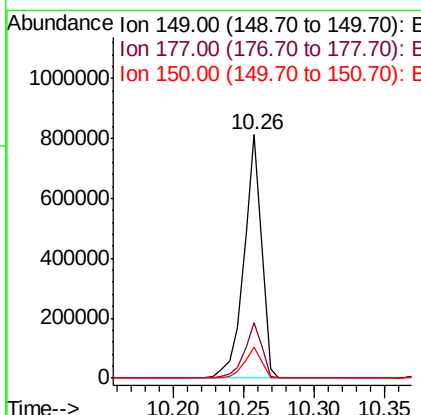
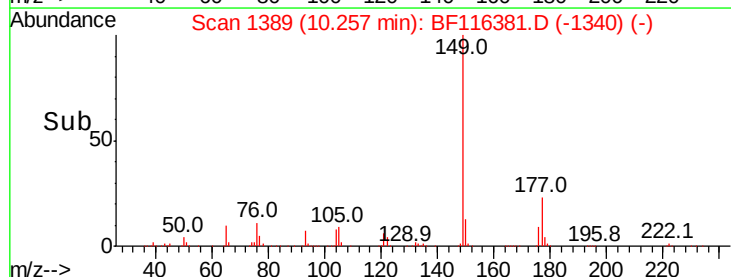
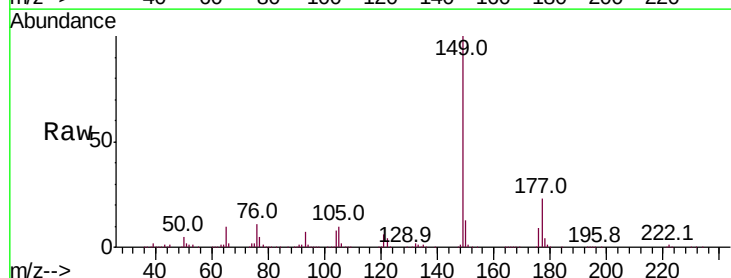
Manual Integrations
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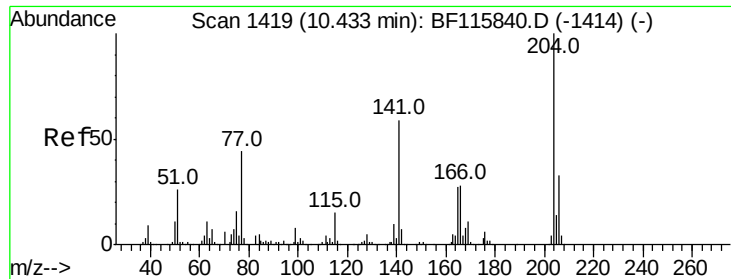
mohammad
 8/22/2019 12:45:00 PM



#60
 Diethylphthalate
 Concen: 40.608 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	699402		
177	22.8	18.8	28.2	
150	12.6	10.2	15.4	





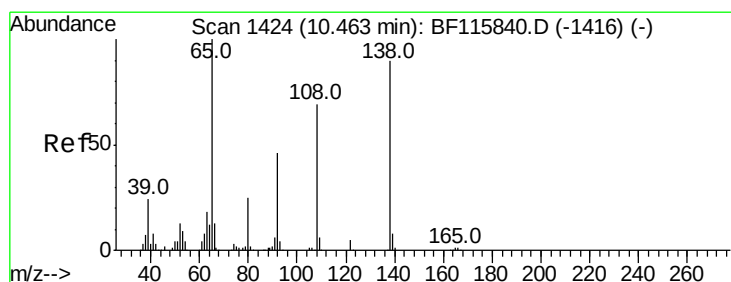
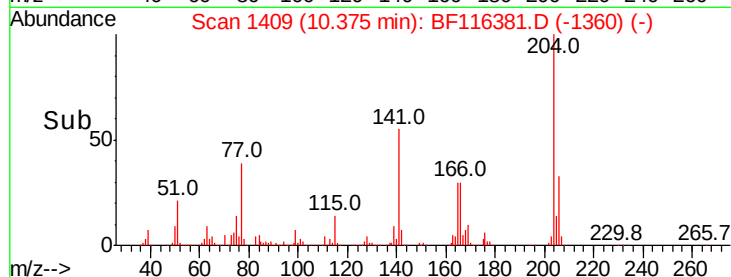
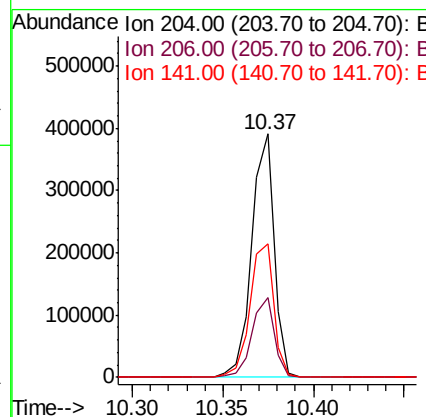
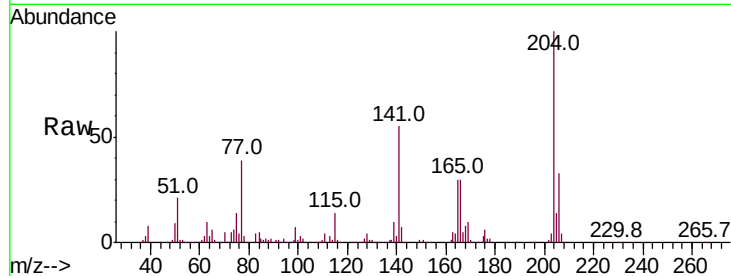
#61
4-Chlorophenyl-phenylether
Concen: 41.739 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampled :
PB122335BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.4	39.6
141	54.9	46.4	69.6

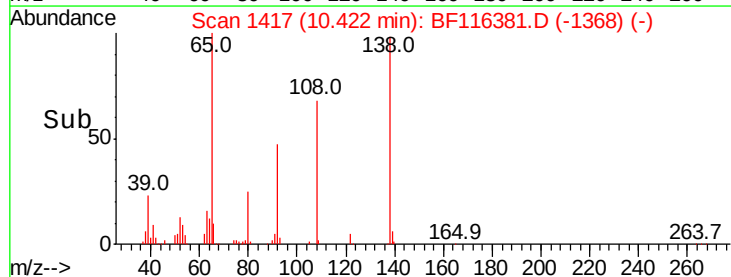
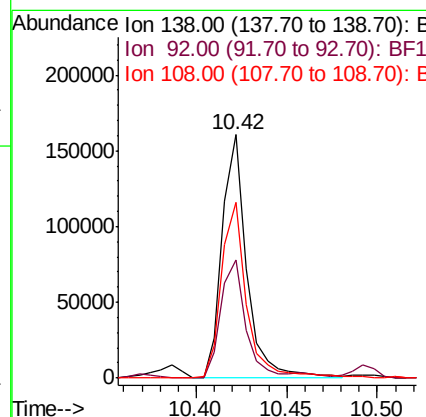
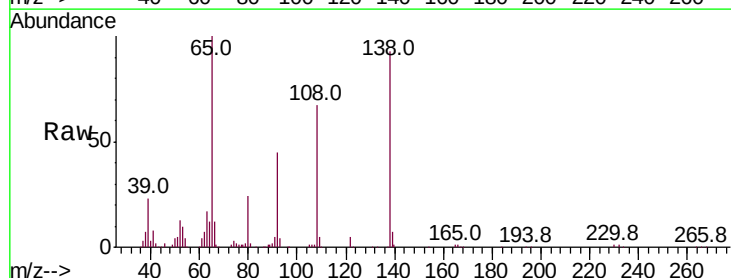
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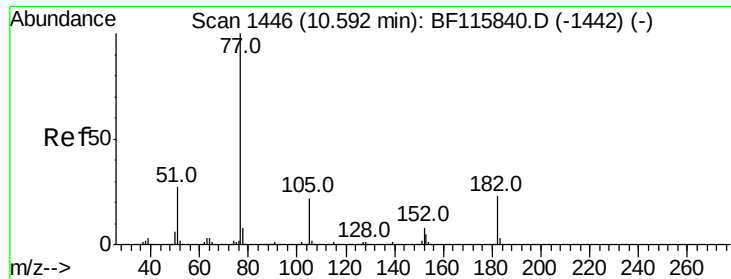
mohammad
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#62
4-Nitroaniline
Concen: 29.301 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	29.0	69.0
108	72.1	54.7	94.7





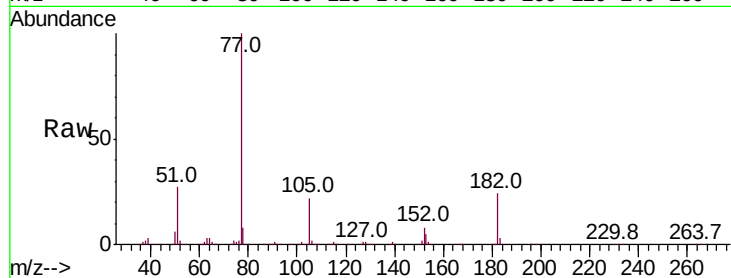
#63
Azobenzene
Concen: 40.753 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

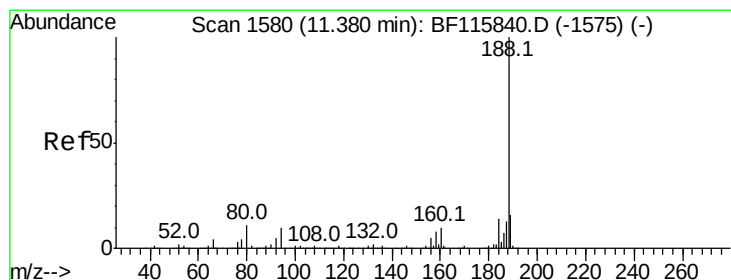
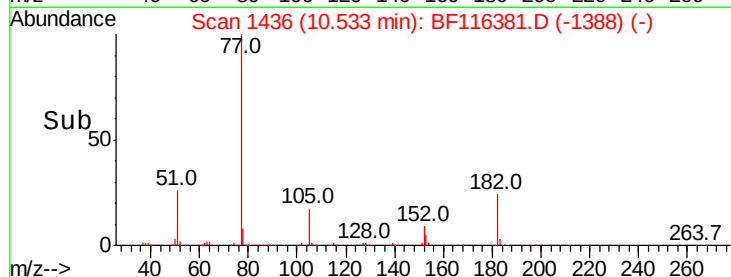
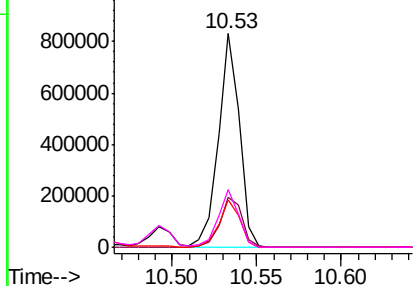
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		721948		
182	23.6	4.0	44.0		
105	22.1	2.0	42.0		
51	27.1	7.5	47.5		

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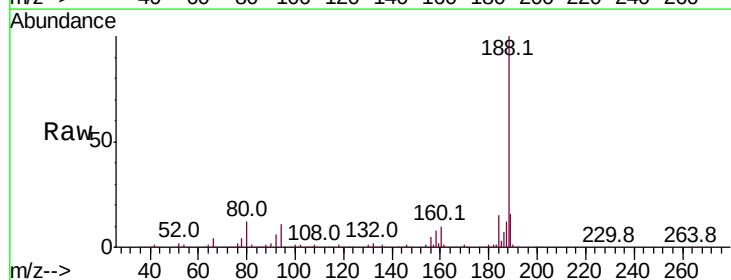


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

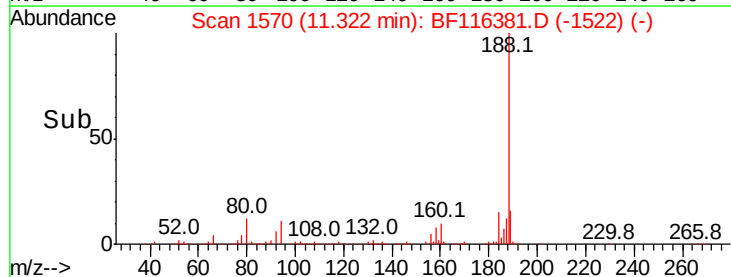
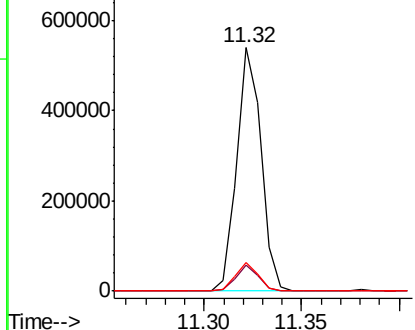


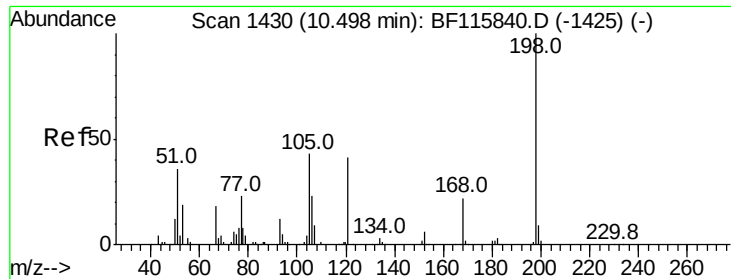
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		467305		
94	10.6	8.1	12.1		
80	11.5	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





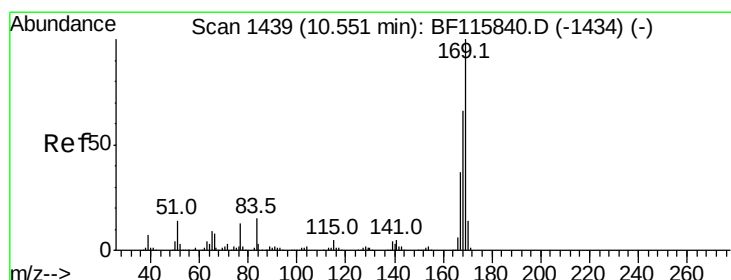
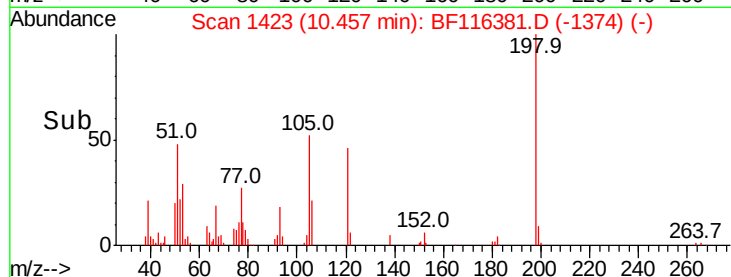
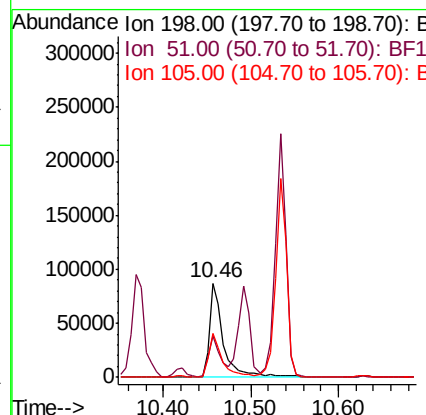
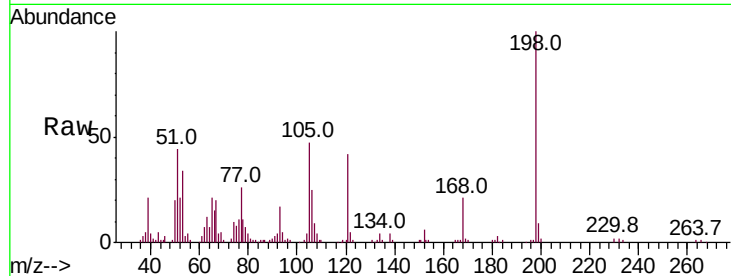
#65
4,6-Dinitro-2-methylphenol
Concen: 39.261 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampled :
PB122335BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	44.5	17.0	57.0	
105	47.2	21.6	61.6	

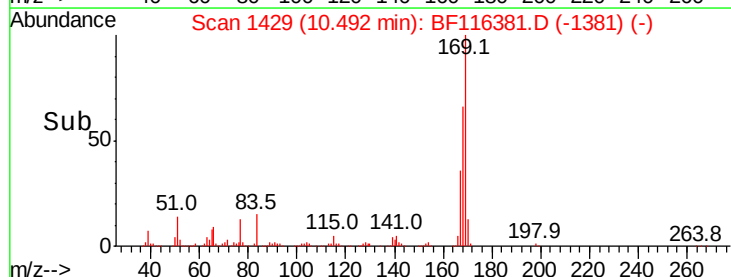
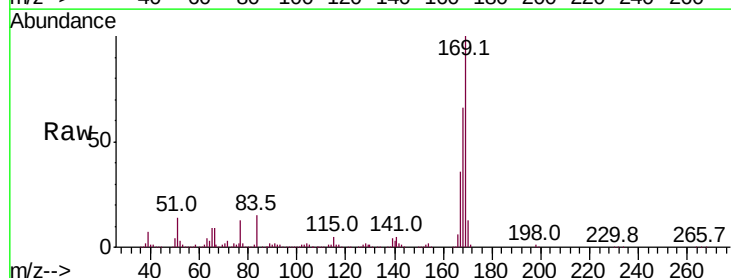
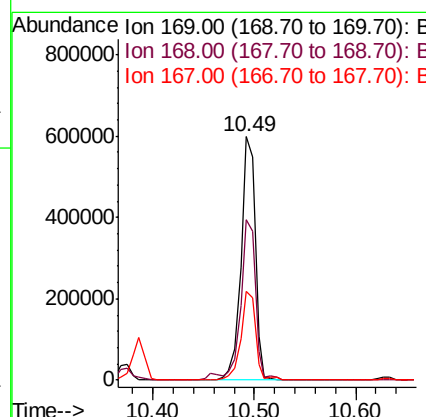
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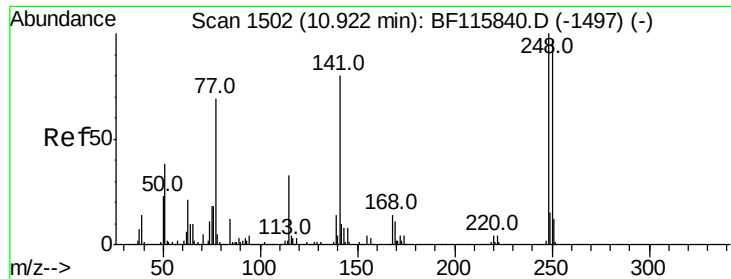
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 41.793 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.9	53.8	80.6	
167	36.4	29.6	44.4	





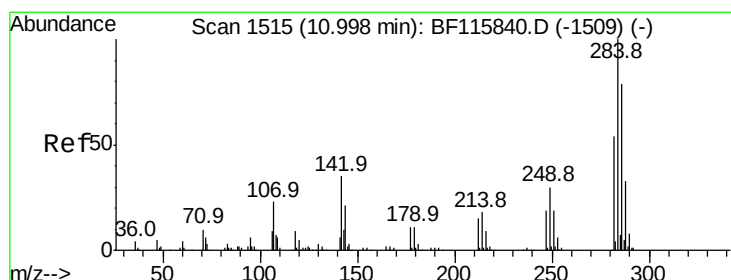
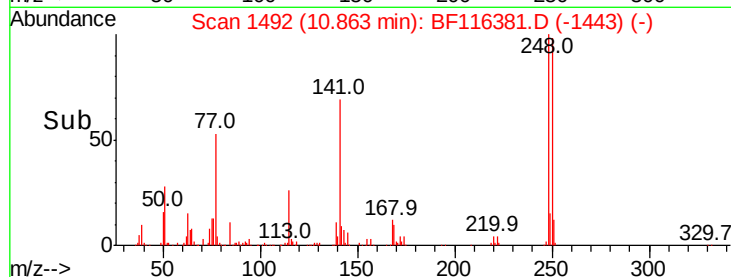
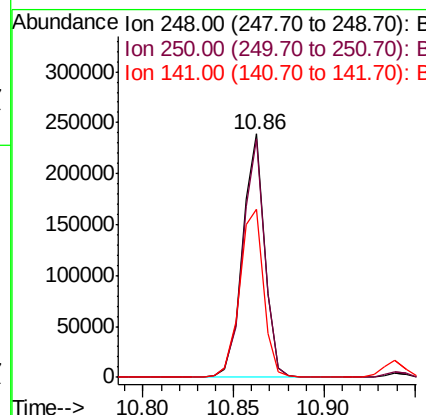
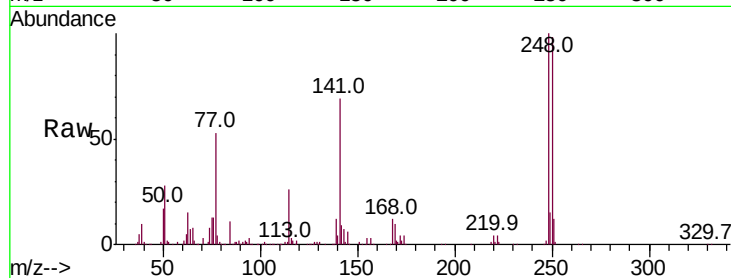
#67
4-Bromophenyl-phenylether
Concen: 40.328 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.4	116.2
141	68.9	56.8	85.2

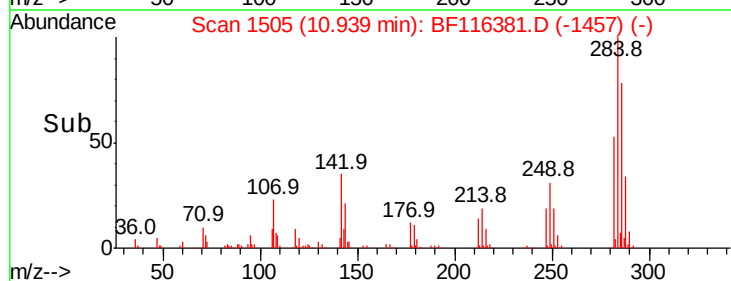
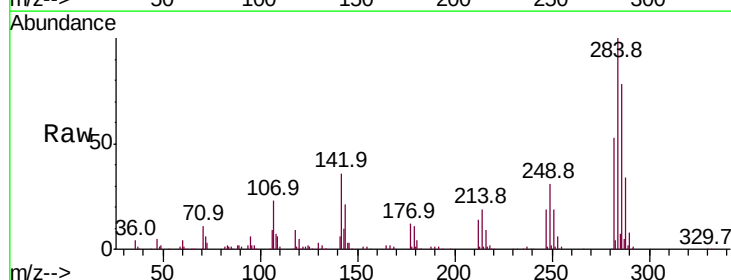
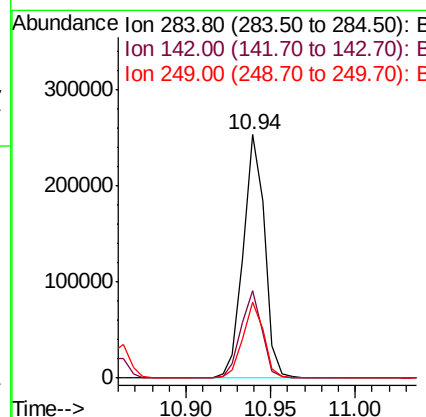
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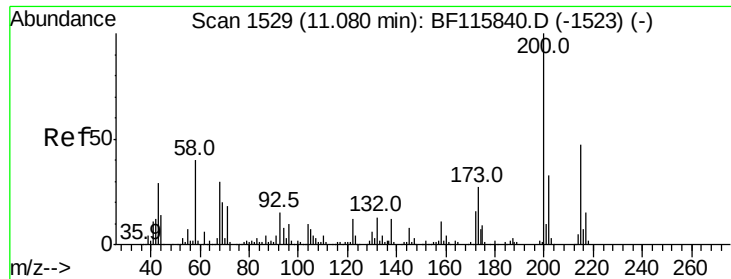
mohammad
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#68
Hexachlorobenzene
Concen: 38.614 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	28.4	42.6
249	31.0	24.5	36.7





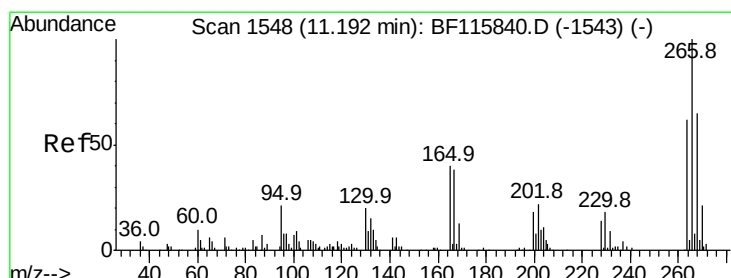
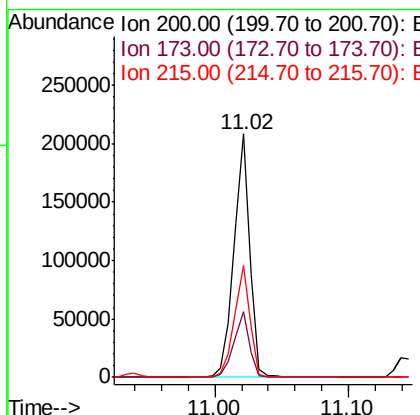
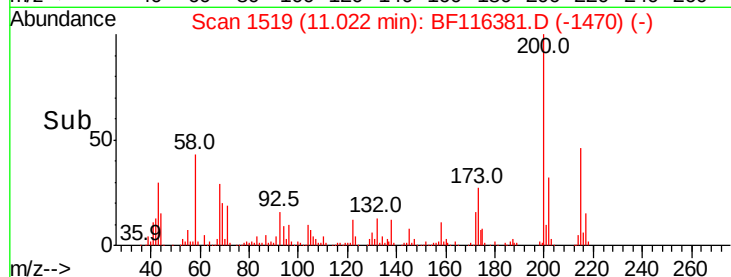
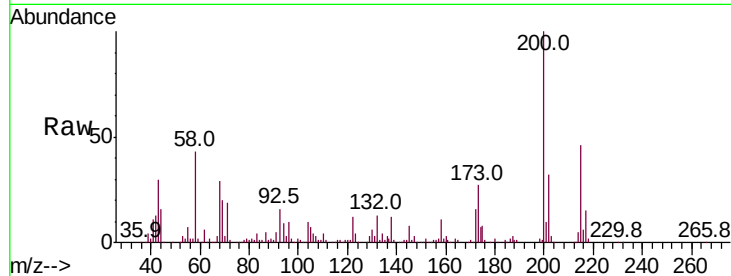
#69
 Atrazine
 Concen: 37.884 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Instrument :
 BNA_F
 ClientSampled :
 PB122335BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	175298		
173	27.0	6.8	46.8	
215	46.2	27.5	67.5	

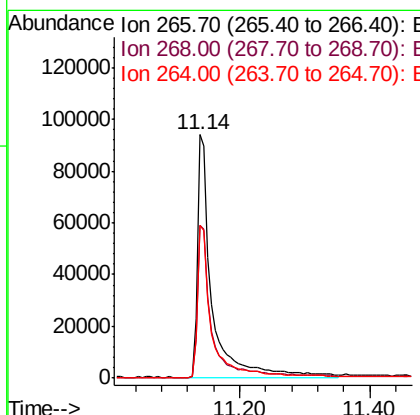
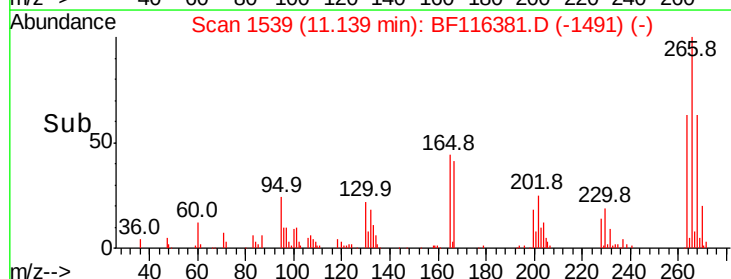
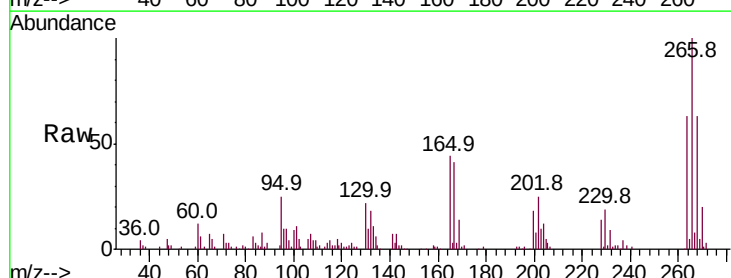
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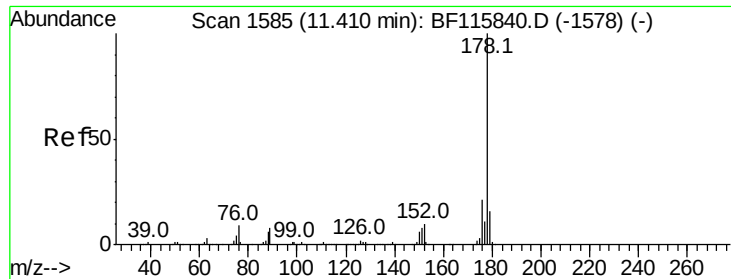
mohammad
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#70
 Pentachlorophenol
 Concen: 52.939 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.02 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	148675		
268	62.9	48.8	73.2	
264	63.0	50.6	76.0	





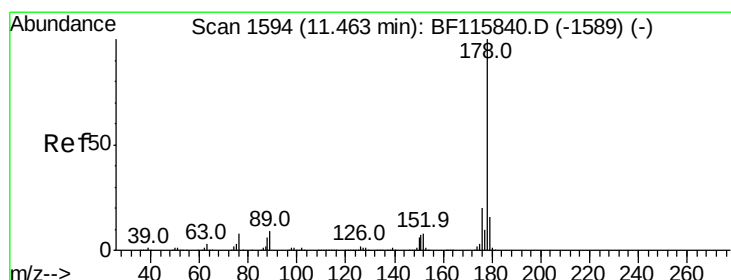
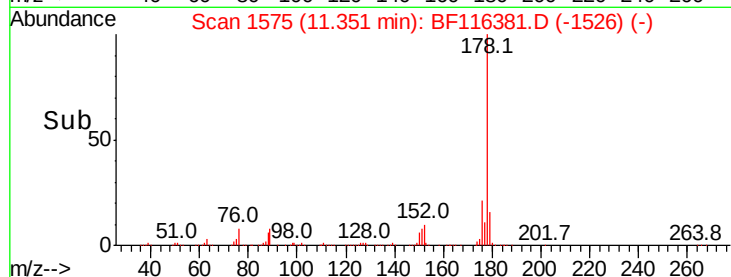
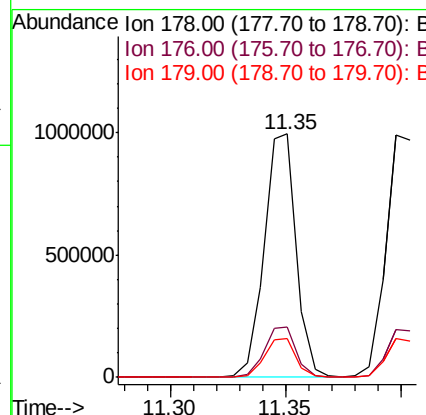
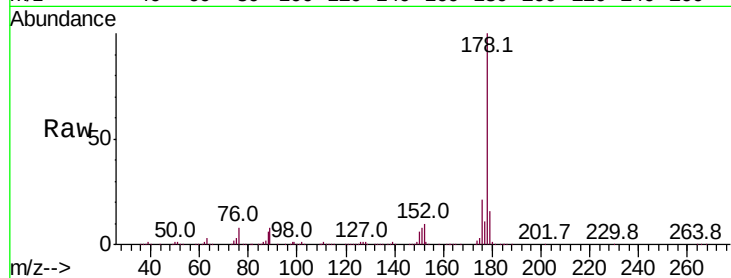
#71
Phenanthrene
Concen: 40.148 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.6	24.8
179	15.8	12.5	18.7

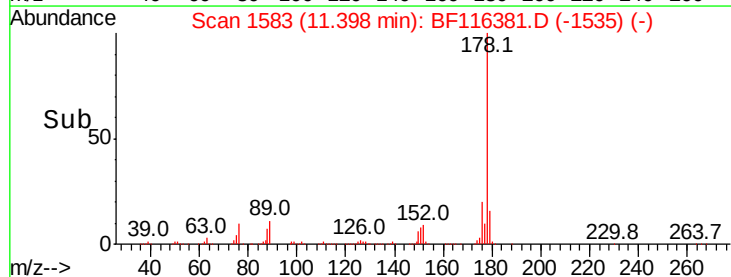
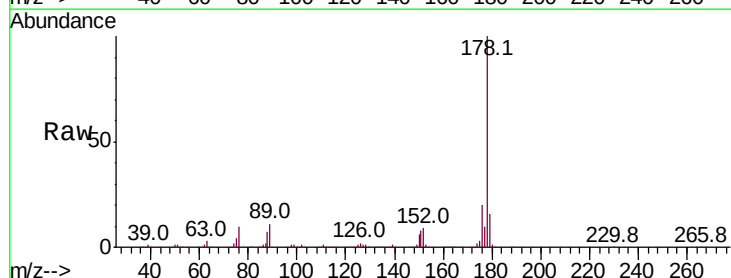
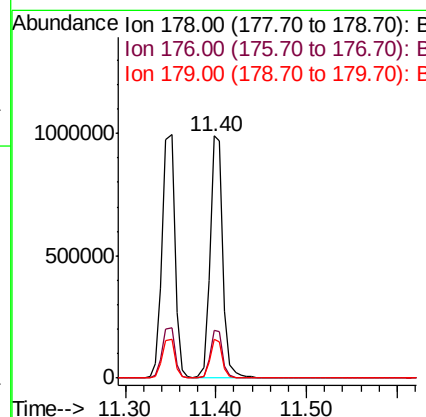
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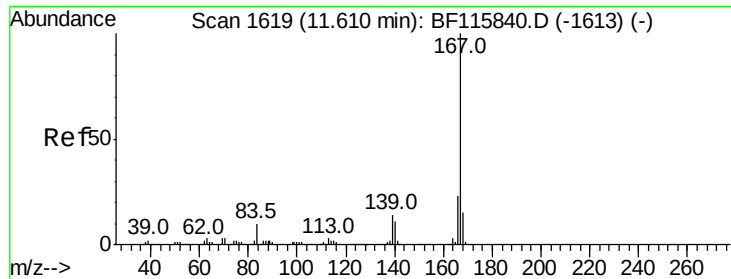
mohammad
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#72
Anthracene
Concen: 40.822 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	16.0	13.0	19.6





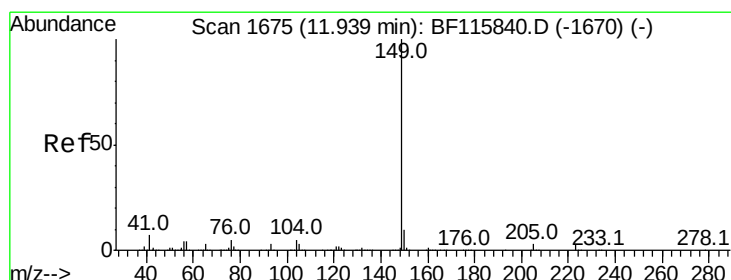
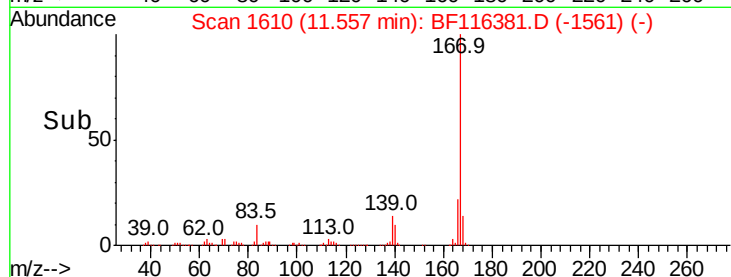
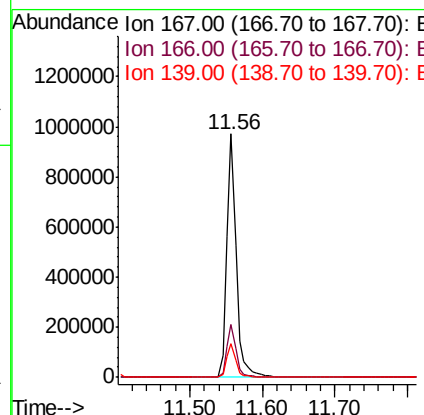
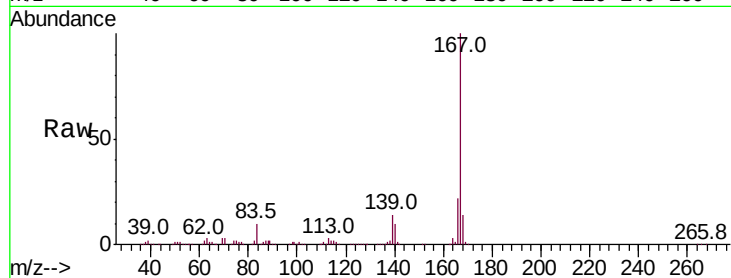
#73
 Carbazole
 Concen: 39.986 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	14.0	11.4	17.0

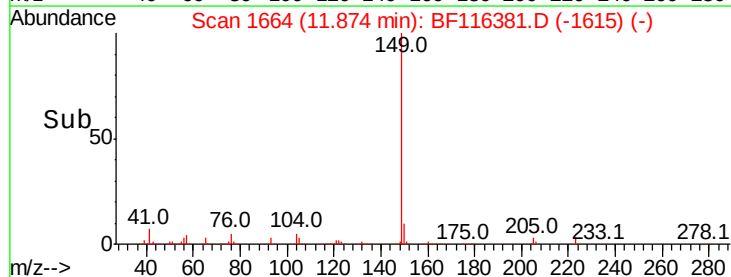
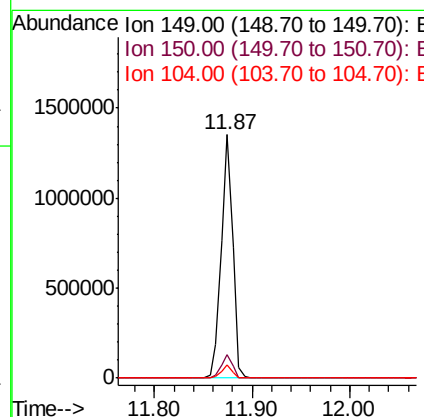
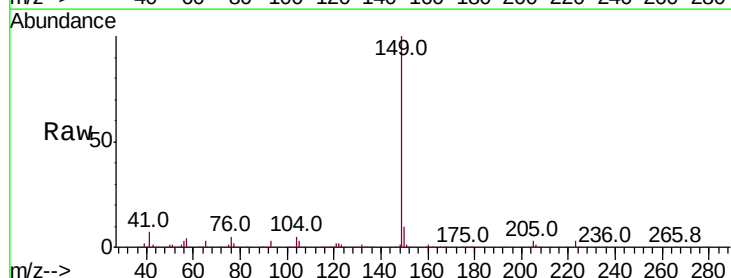
Manual Integrations
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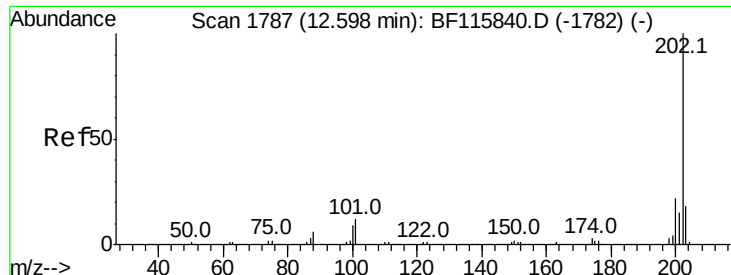
mohammad
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#74
 Di-n-butylphthalate
 Concen: 43.215 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.0	12.0
104	5.2	4.5	6.7





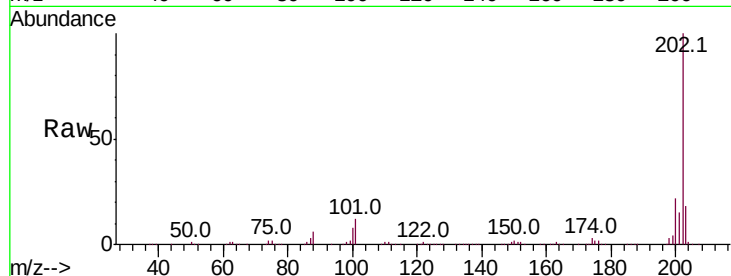
#75
Fluoranthene
Concen: 39.644 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	0.0	31.2
203	17.8	0.0	37.8

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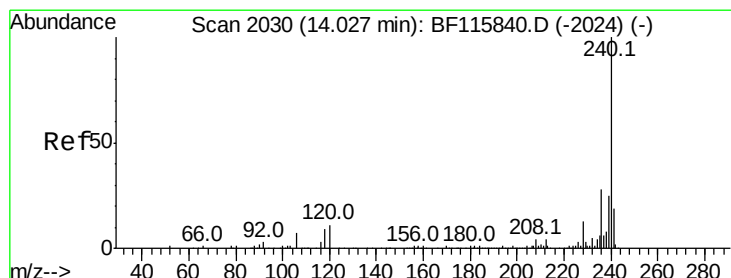
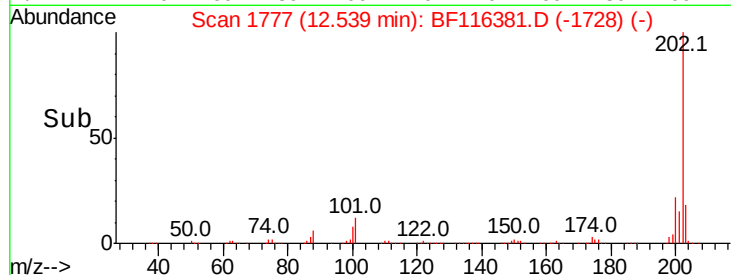
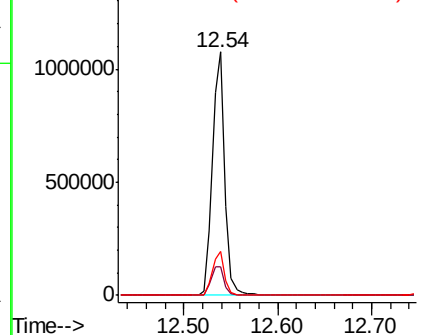


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

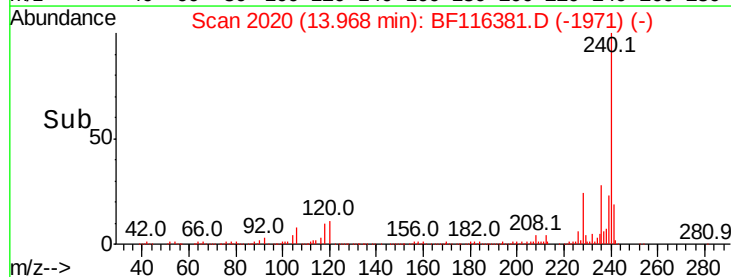
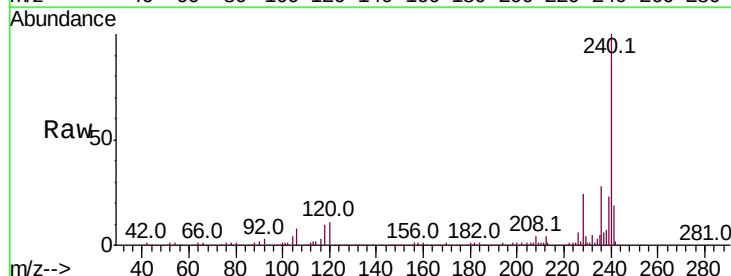
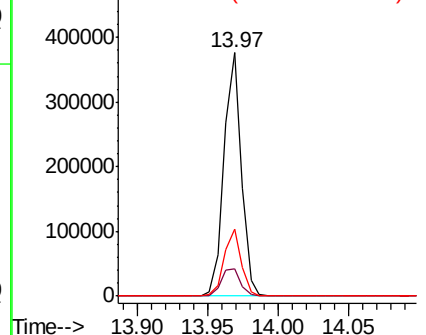
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.4	10.7	16.1
236	27.5	22.2	33.2

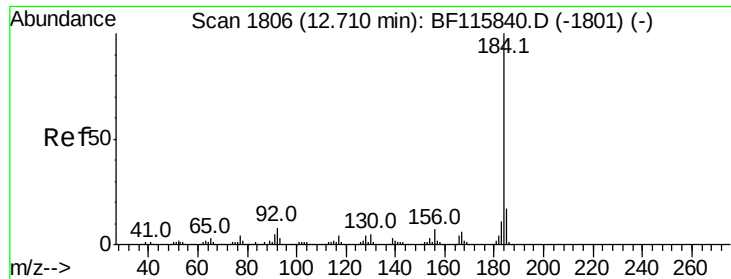
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.414 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

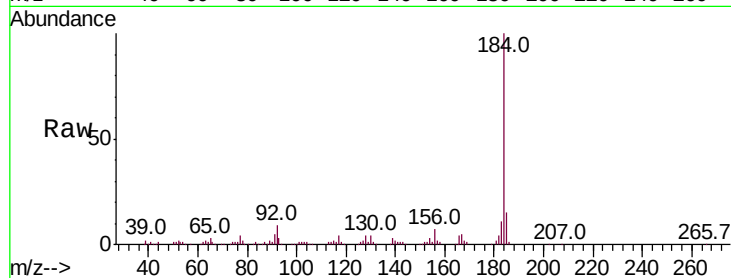
ClientSampleId :

PB122335BS

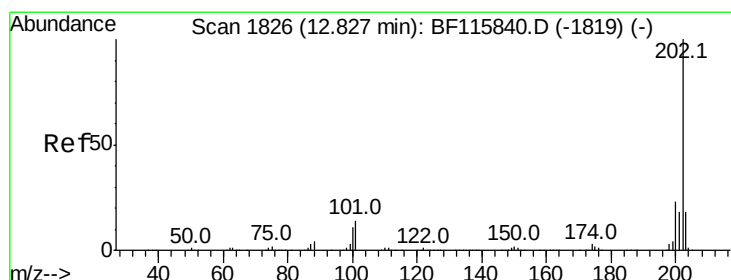
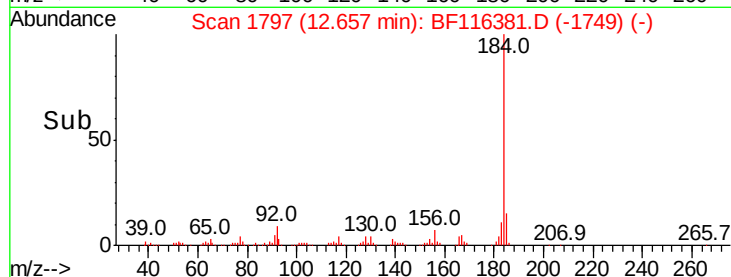
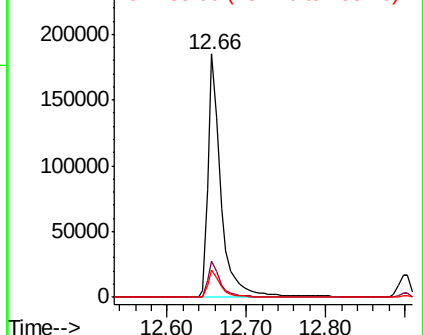
Tot Ion:	184	Resp:	211593
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.8	19.2
183	11.2	9.4	14.0

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.460 ng

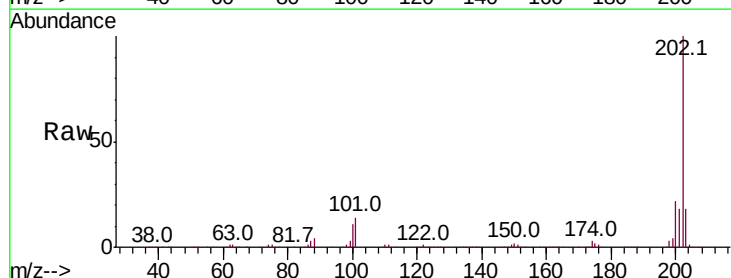
RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

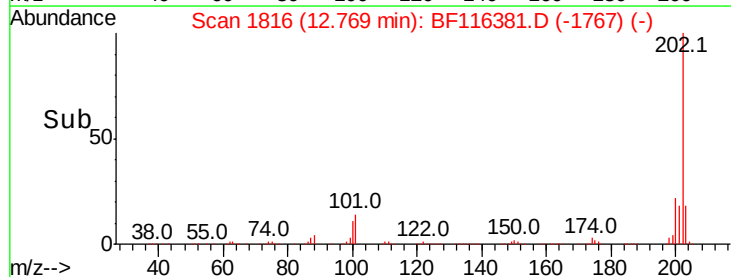
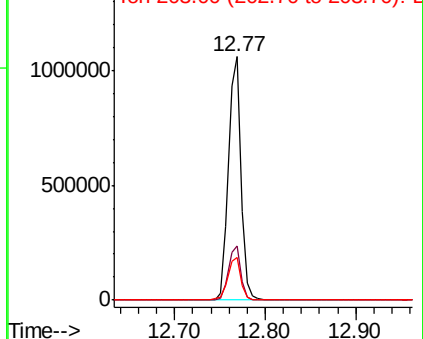
Lab File: BF116381.D

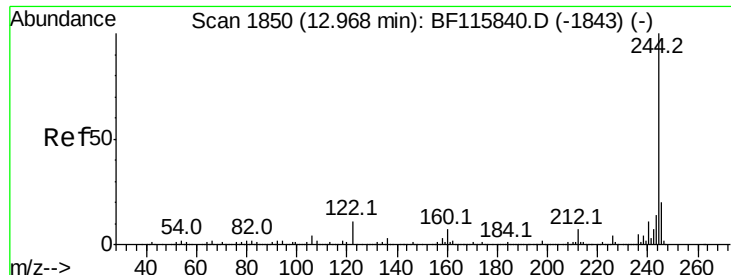
Acq: 19 Aug 2019 10:26

Tgt Ion:	202	Resp:	1008267
Ion Ratio	Lower	Upper	
202	100		
200	22.5	18.0	27.0
203	17.8	14.1	21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.855 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

Tot Ion:244 Resp: 1222599

Ion Ratio Lower Upper

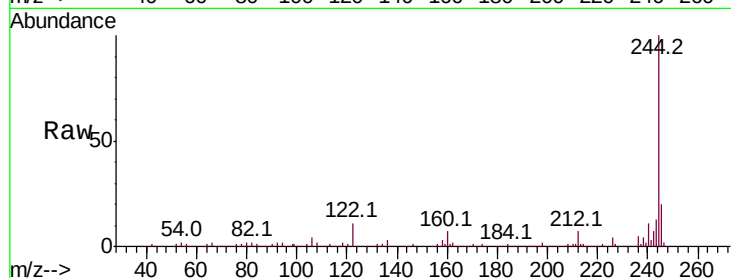
244 100

212 7.1 5.8 8.8

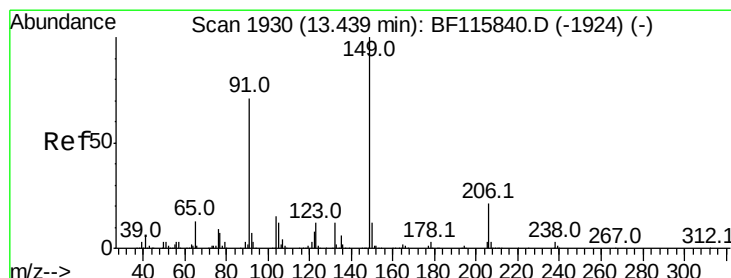
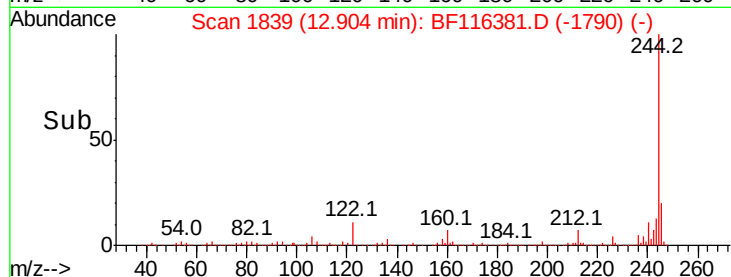
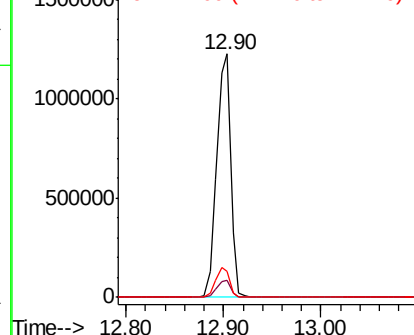
122 10.7 9.0 13.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.478 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

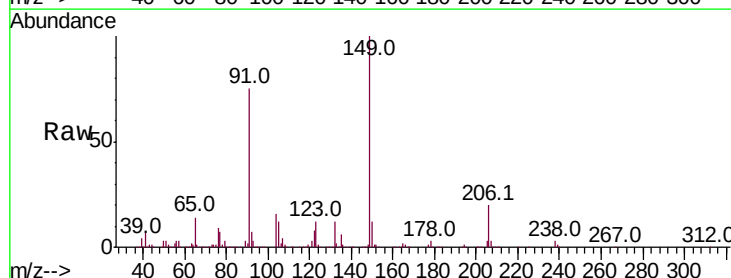
Tgt Ion:149 Resp: 447259

Ion Ratio Lower Upper

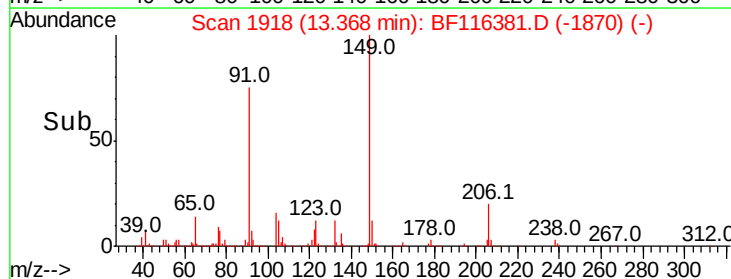
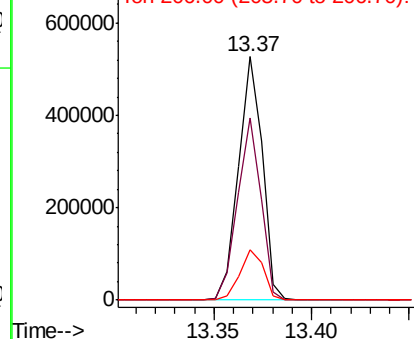
149 100

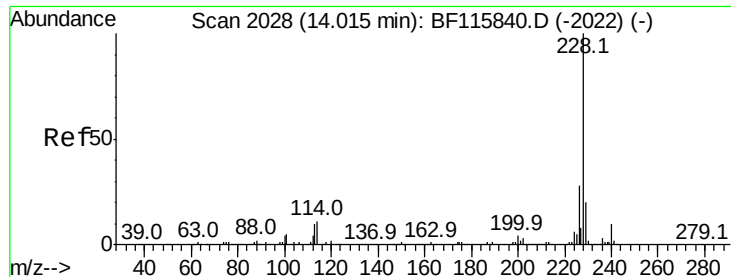
91 75.0 56.3 84.5

206 20.4 18.0 27.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





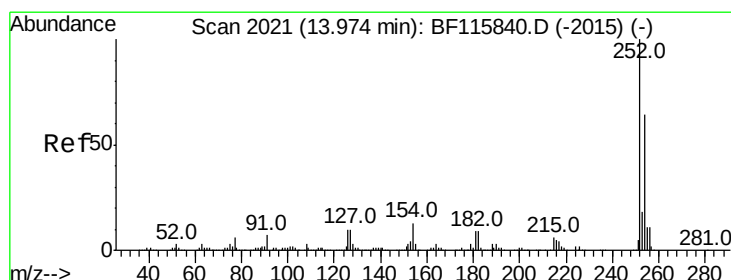
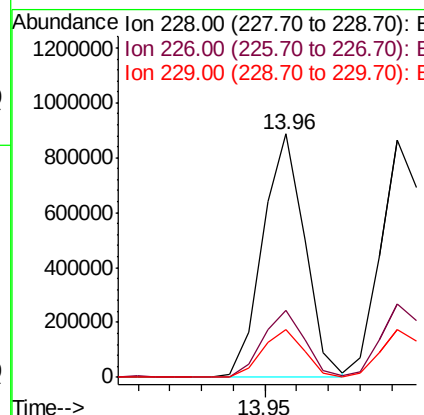
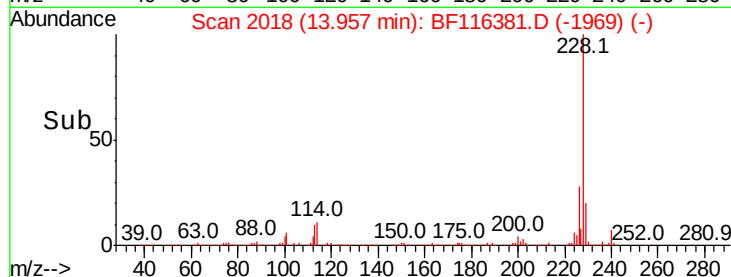
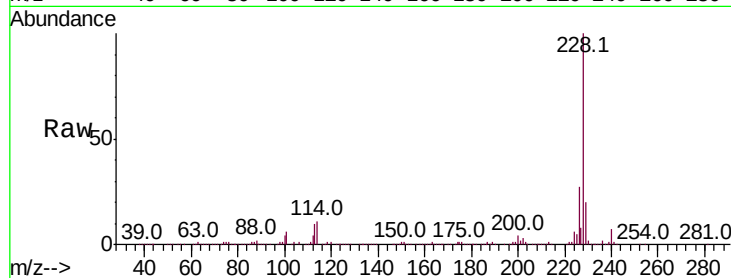
#81
Benzo(a)anthracene
Concen: 39.361 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.7	34.1
229	19.7	16.2	24.4

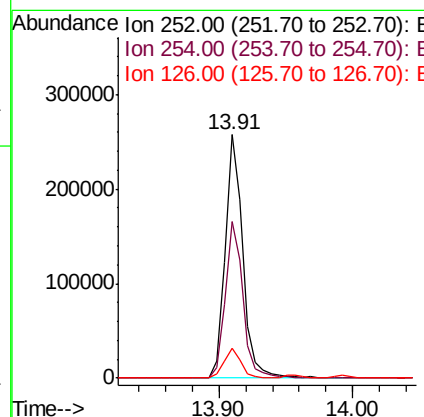
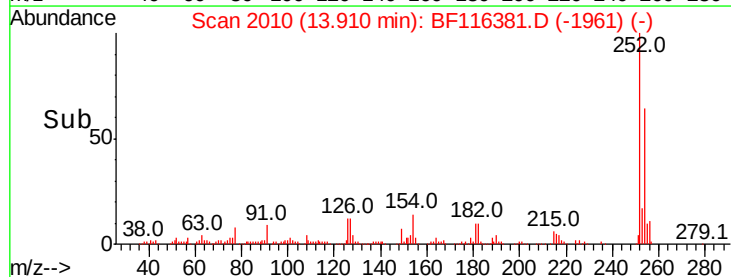
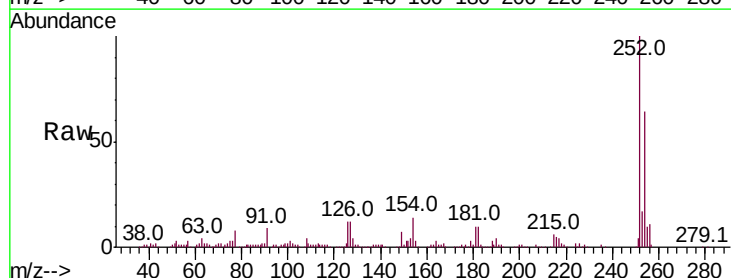
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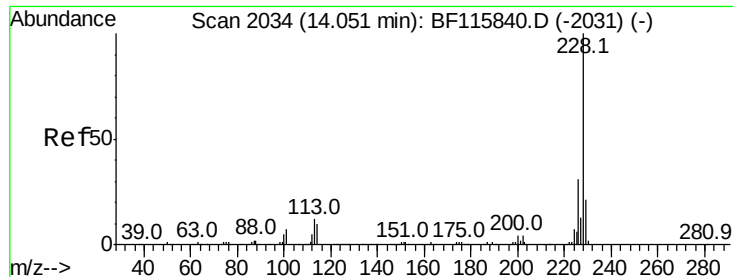
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#82
3,3'-Dichlorobenzidine
Concen: 33.696 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.9	76.3
126	12.0	9.8	14.8





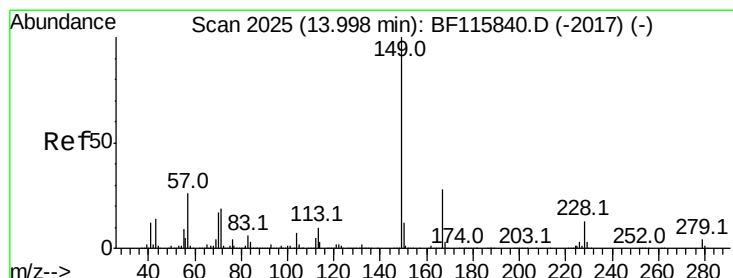
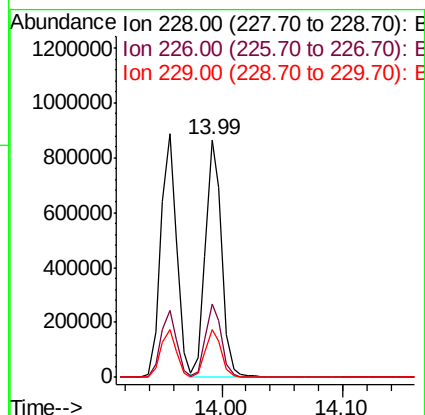
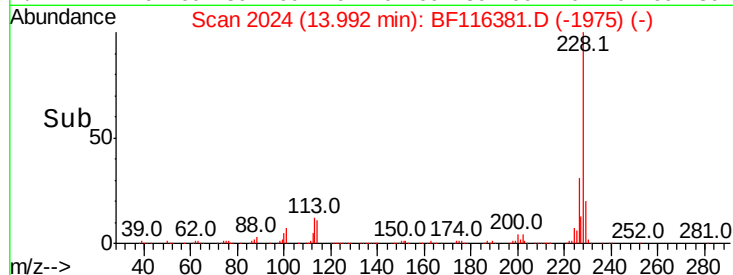
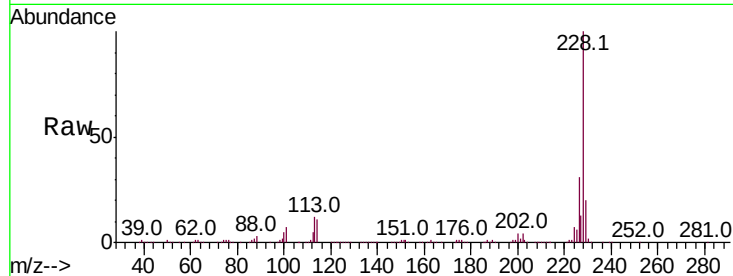
#83
 Chrysene
 Concen: 40.123 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

Tot Ion:	228	Resp:	803214
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.5	38.3
229	20.0	16.6	24.8

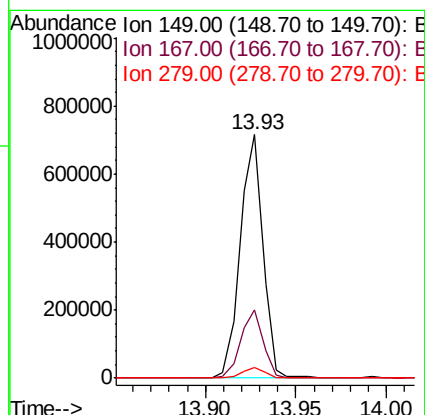
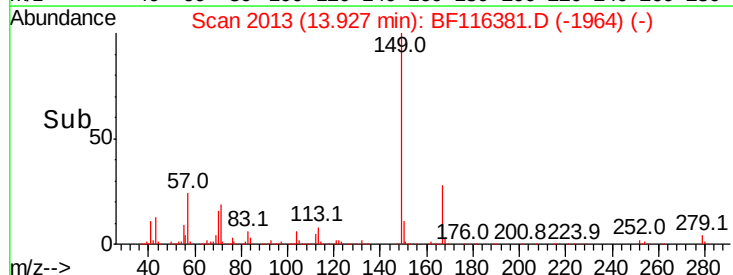
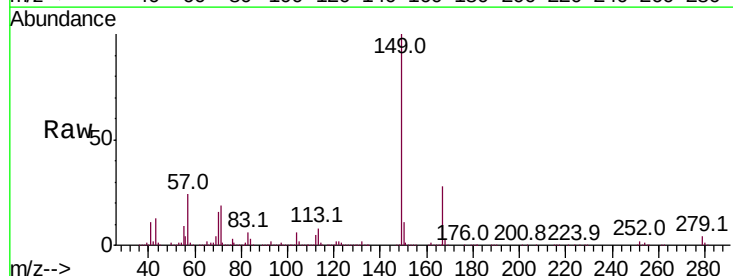
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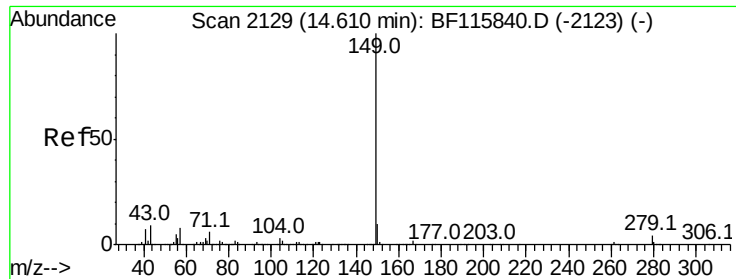
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.656 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion:	149	Resp:	623689
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.6	32.4
279	4.3	3.0	4.4





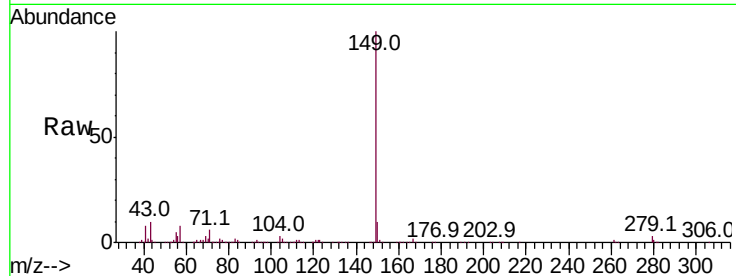
#85
Di-n-octyl phthalate
Concen: 45.750 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampled :
PB122335BS

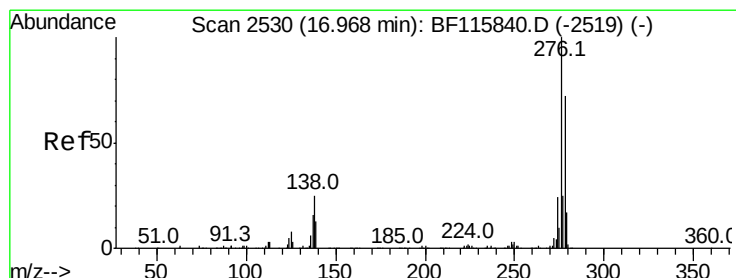
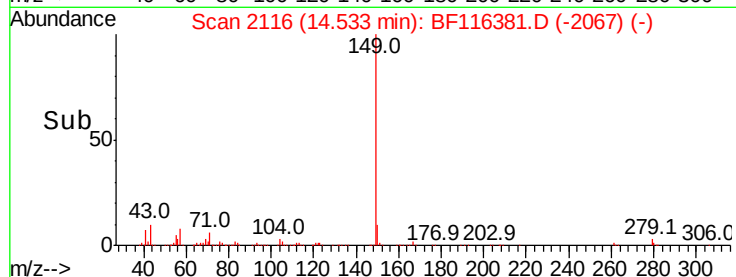
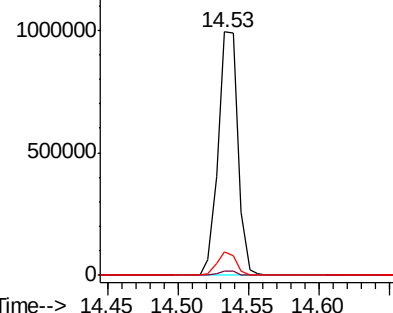
Tot Ion	Ratio	Resp	Lower	Upper
149	100	971416		
167	1.6	1.4	2.0	
43	8.9	7.5	11.3	

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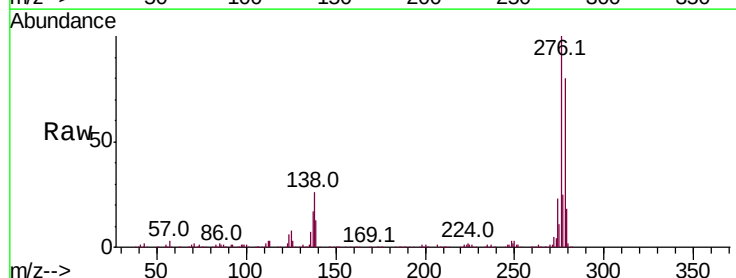


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

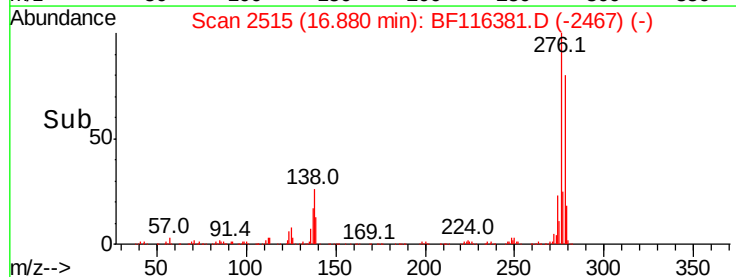
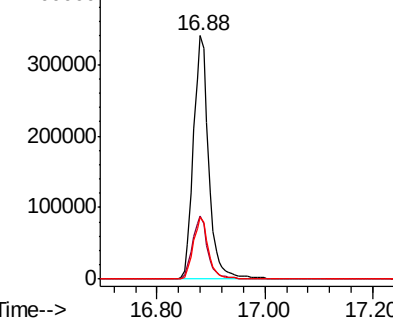


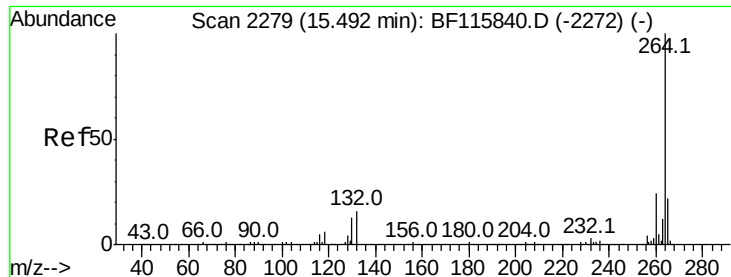
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.803 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	669238		
138	25.9	20.4	30.6	
277	24.9	20.0	30.0	



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





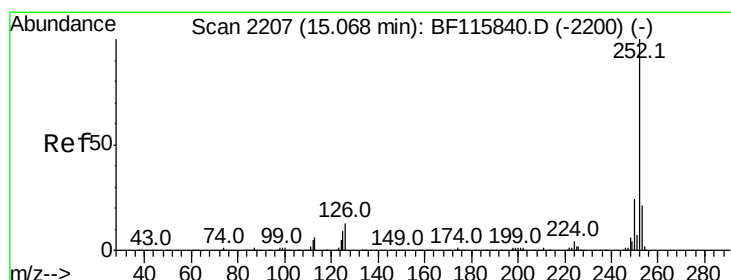
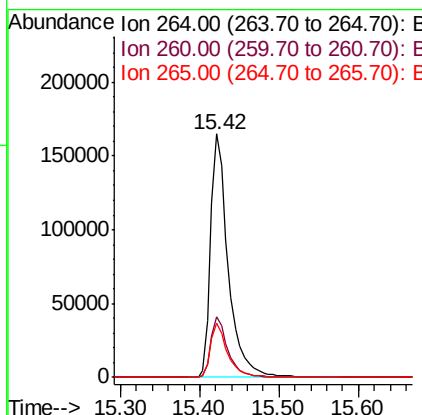
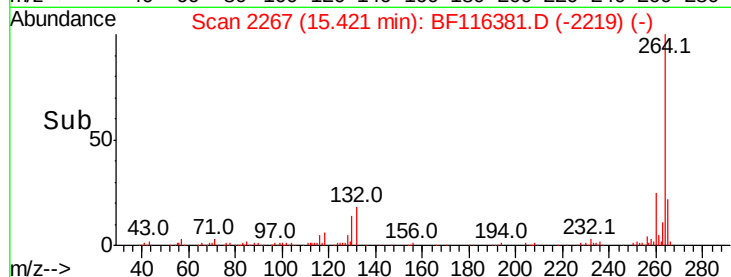
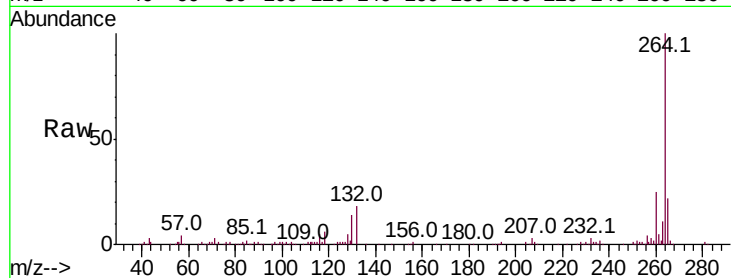
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	22.4	17.4	26.0

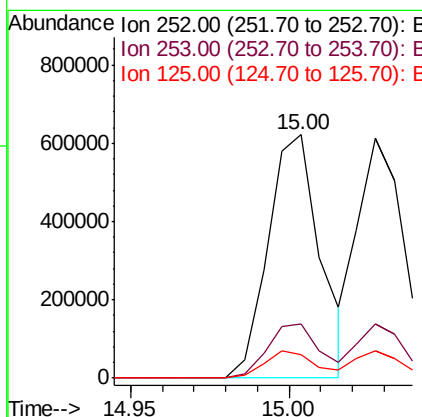
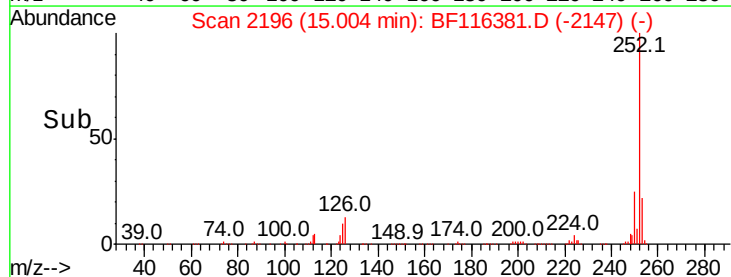
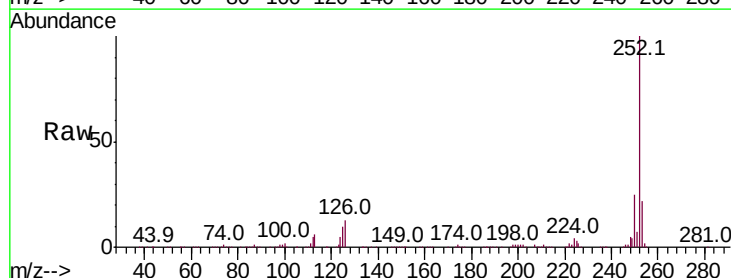
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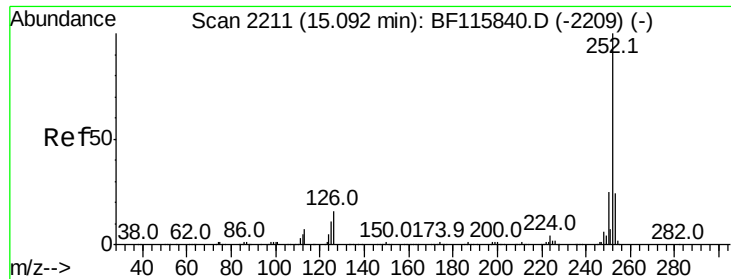
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#88
Benzo(b)fluoranthene
Concen: 48.603 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.8	8.4	12.6





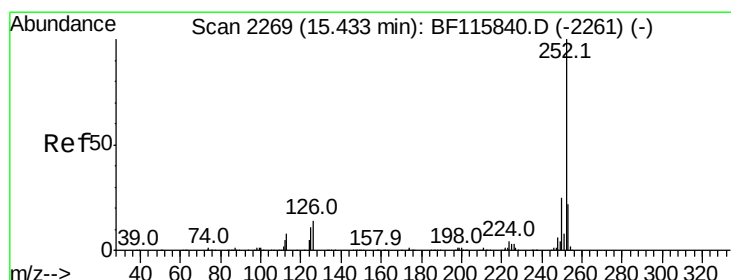
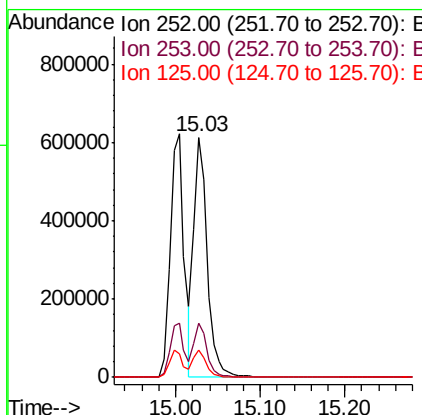
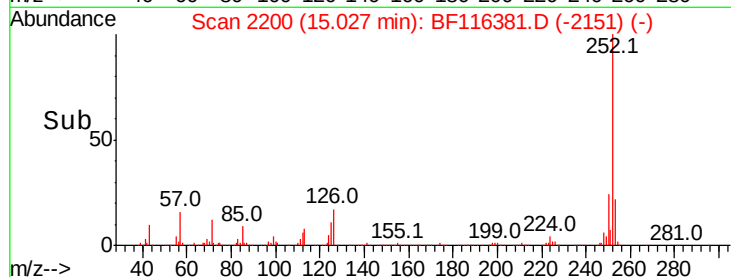
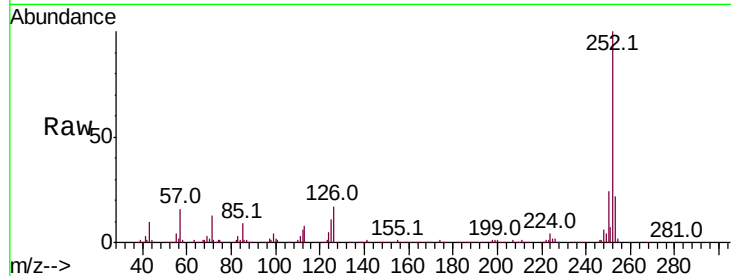
#89
Benzo(k)fluoranthene
Concen: 46.706 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	11.3	7.7	11.5

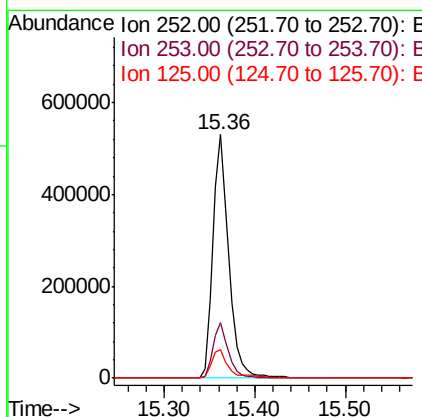
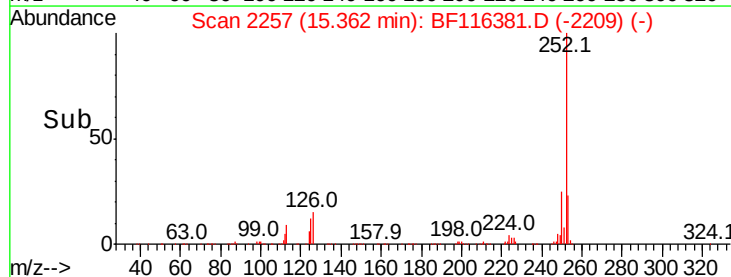
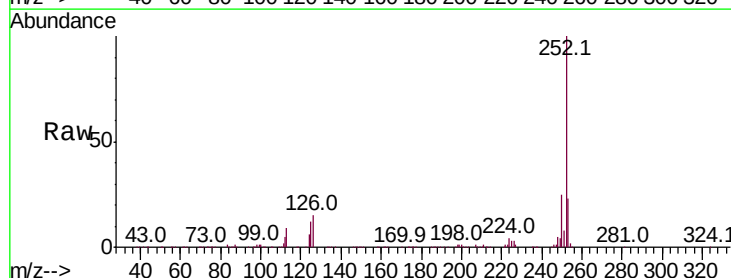
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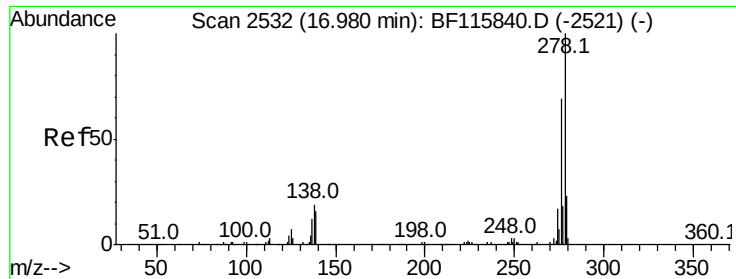
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#90
Benzo(a)pyrene
Concen: 49.576 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.6	8.9	13.3





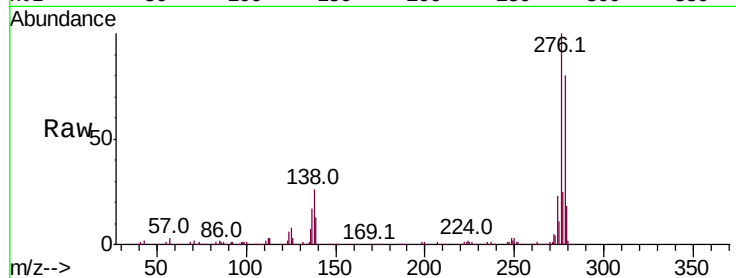
#91
Dibenzo(a,h)anthracene
Concen: 49.822 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

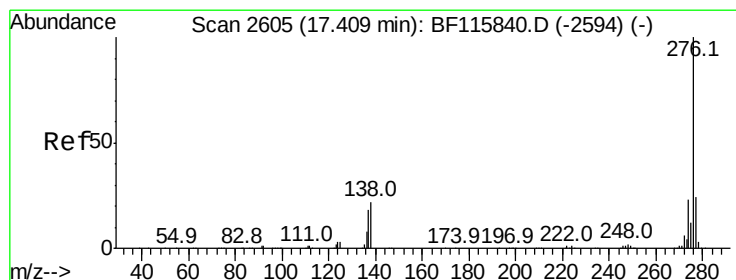
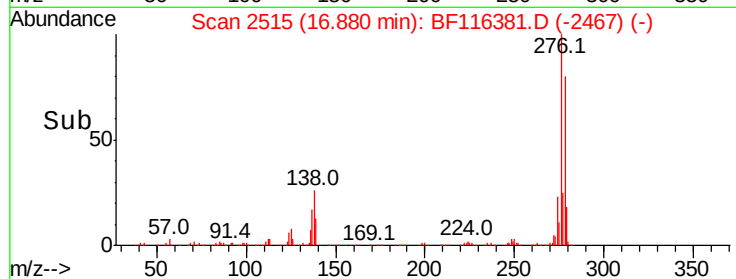
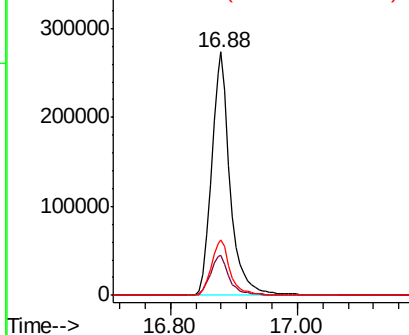
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	12.8	19.2
279	23.0	18.8	28.2

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.309 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.4	27.6
138	22.0	17.0	25.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

