

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116064.D
 Acq On : 8 Aug 2019 13:03
 Operator : HP/JU
 Sample : PB122055BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BSD

Manual Integrations
 APPROVED

mohammad
 8/14/2019 9:21:20 AM

Quant Time: Aug 09 15:29:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	140221	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	569828	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	305931	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	533060	20.00	ng	0.00
76) Chrysene-d12	14.00	240	375857	20.00	ng	0.00
87) Perylene-d12	15.46	264	310061	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	887354	105.94	ng	0.00
7) Phenol-d6	6.48	99	1109605	105.00	ng	0.00
23) Nitrobenzene-d5	7.40	82	725065	73.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	318825	107.49	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1264873	77.44	ng	-0.01
79) Terphenyl-d14	12.94	244	1429382	80.14	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.69	88	160665	37.969	ng	99
3) Pyridine	3.45	79	344002	29.102	ng	99
4) n-Nitrosodimethylamine	3.39	42	158763	34.035	ng	97
6) Aniline	6.50	93	415937	27.483	ng	98
8) 2-Chlorophenol	6.63	128	366688	39.589	ng	97
9) Benzaldehyde	6.39	77	111760	15.327	ng	98
10) Phenol	6.49	94	461321	37.069	ng	87
11) bis(2-Chloroethyl)ether	6.57	93	346927	37.917	ng	98
12) 1,3-Dichlorobenzene	6.78	146	384499	35.920	ng	99
13) 1,4-Dichlorobenzene	6.86	146	393278	36.694	ng	98
14) 1,2-Dichlorobenzene	7.01	146	362199	36.701	ng	99
15) Benzyl Alcohol	6.99	79	303654	37.862	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	460803	36.923	ng	95
17) 2-Methylphenol	7.10	107	308835	39.378	ng	99
18) Hexachloroethane	7.35	117	142885	36.209	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	249900	38.160	ng	97
20) 3+4-Methylphenols	7.25	107	374746	40.378	ng	99
22) Acetophenone	7.25	105	494439	39.564	ng	# 98
24) Nitrobenzene	7.42	77	401073	37.627	ng	98
25) Isophorone	7.66	82	733528	38.860	ng	100
26) 2-Nitrophenol	7.74	139	200966	39.997	ng	95
27) 2,4-Dimethylphenol	7.77	122	327265	43.293	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	449480	38.418	ng	100
29) 2,4-Dichlorophenol	7.98	162	318220	39.869	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	338355	37.189	ng	99
31) Naphthalene	8.14	128	1055448	39.361	ng	99
32) Benzoic acid	7.93	122	196571	36.883	ng	98
33) 4-Chloroaniline	8.19	127	295474	24.662	ng	97
34) Hexachlorobutadiene	8.26	225	189509	36.162	ng	98
35) Caprolactam	8.56	113	97664m	37.833	ng	
36) 4-Chloro-3-methylphenol	8.68	107	331743	39.952	ng	97
37) 2-Methylnaphthalene	8.83	142	698716	39.565	ng	99
38) 1-Methylnaphthalene	8.93	142	662543	39.657	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	322143	39.388	ng	99

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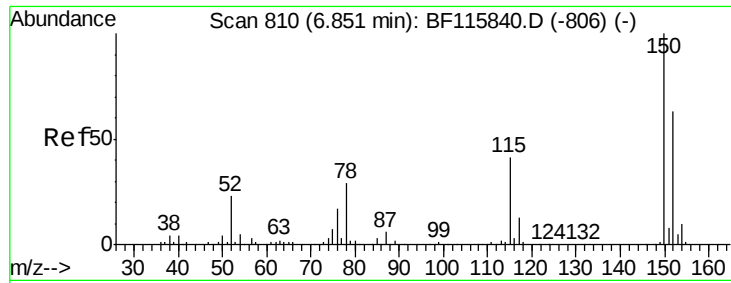
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	140526	41.362	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	207594	36.876	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	224063	38.504	ng	98
46) 1,1'-Biphenyl	9.29	154	850853	39.394	ng	99
47) 2-Chloronaphthalene	9.32	162	670376	37.292	ng	99
48) 2-Nitroaniline	9.42	65	210884	35.491	ng	98
49) Acenaphthylene	9.73	152	1009629	38.497	ng	98
50) Dimethylphthalate	9.60	163	804215	38.608	ng	99
51) 2,6-Dinitrotoluene	9.66	165	178607	39.455	ng	100
52) Acenaphthene	9.91	154	611893	38.031	ng	99
53) 3-Nitroaniline	9.83	138	142716	25.515	ng	96
54) 2,4-Dinitrophenol	9.95	184	153371	67.921	ng	93
55) Dibenzofuran	10.08	168	898027	38.381	ng	99
56) 4-Nitrophenol	10.01	139	238300	66.505	ng	89
57) 2,4-Dinitrotoluene	10.07	165	231384	38.391	ng	98
58) Fluorene	10.42	166	714328	39.681	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	189459	38.698	ng	99
60) Diethylphthalate	10.29	149	775945	39.899	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	360182	39.506	ng	98
62) 4-Nitroaniline	10.45	138	188975	32.692	ng	99
63) Azobenzene	10.57	77	782245	39.106	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	115928	41.038	ng	99
66) n-Nitrosodiphenylamine	10.53	169	639564	39.862	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	221396	38.798	ng	96
68) Hexachlorobenzene	10.97	284	248556	37.668	ng	98
69) Atrazine	11.06	200	198421	37.591	ng	99
70) Pentachlorophenol	11.17	266	220810	68.926	ng	98
71) Phenanthrene	11.39	178	1049204	38.501	ng	100
72) Anthracene	11.44	178	1081885	39.228	ng	99
73) Carbazole	11.59	167	992623	39.671	ng	99
74) Di-n-butylphthalate	11.92	149	1206513	41.335	ng	99
75) Fluoranthene	12.57	202	1109172	38.878	ng	98
77) Benzidine	12.69	184	313935	24.723	ng	98
78) Pyrene	12.80	202	1129126	39.852	ng	100
80) Butylbenzylphthalate	13.41	149	507797	42.370	ng	96
81) Benzo(a)anthracene	13.99	228	923406	38.438	ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	299630	35.900	ng	99
83) Chrysene	14.03	228	914633	39.216	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	696488	44.721	ng	98
85) Di-n-octyl phthalate	14.58	149	1099879	44.462	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	784023	40.024	ng	100
88) Benzo(b)fluoranthene	15.04	252	806183	44.968	ng	100
89) Benzo(k)fluoranthene	15.07	252	816984	46.786	ng	99
90) Benzo(a)pyrene	15.40	252	757555	47.269	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	672938	48.509	ng	98
92) Benzo(g,h,i)perylene	17.37	276	657534	48.262	ng	99

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



#1

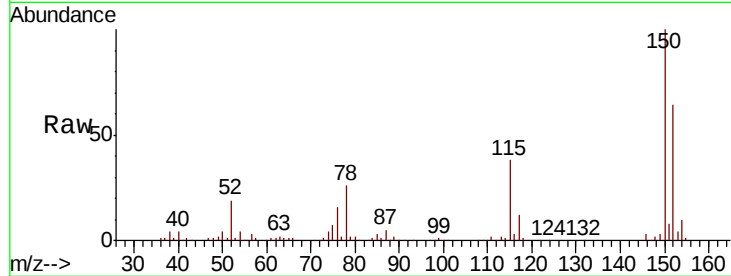
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
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ClientSampleId :
PB122055BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	59.9	49.9	74.9

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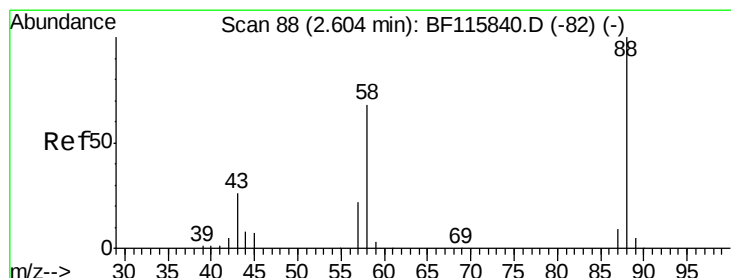
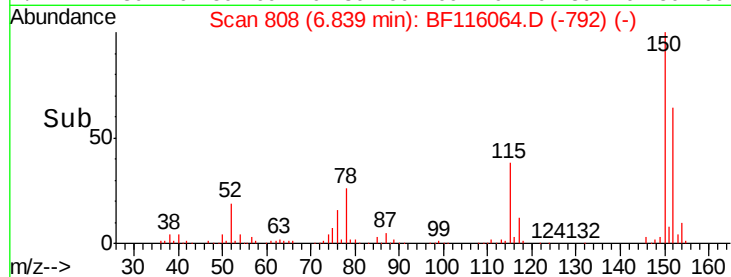
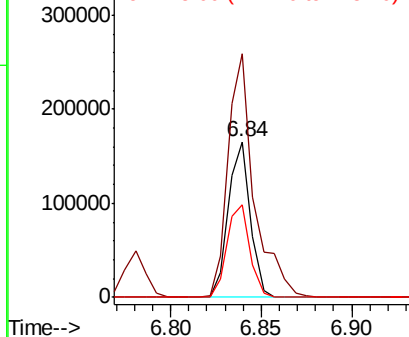


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

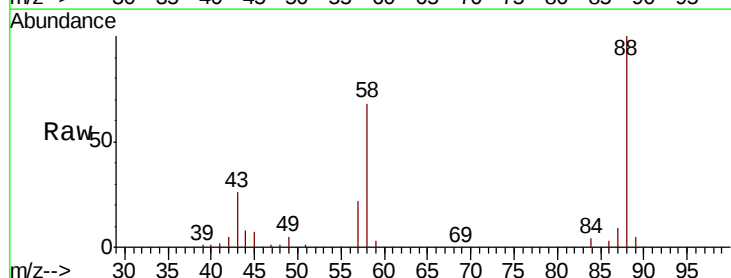
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.969 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.08 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	53.7	80.5
43	25.7	21.0	31.4

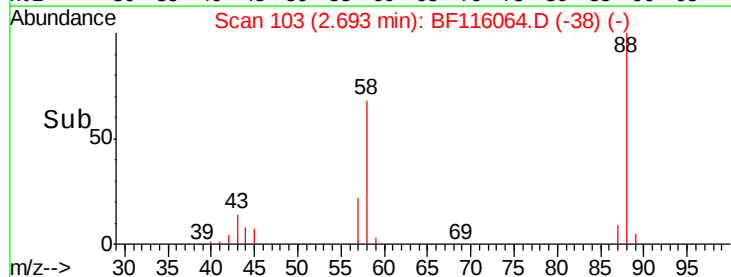
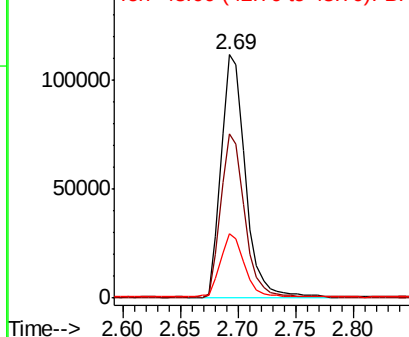


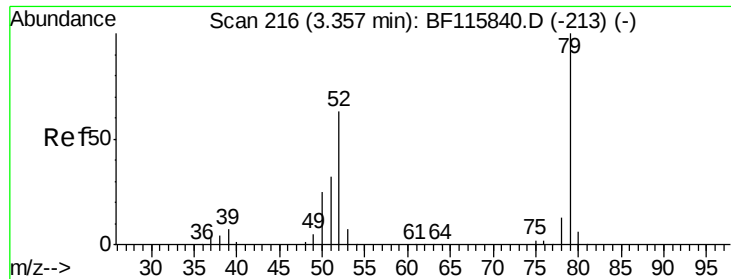
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.102 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

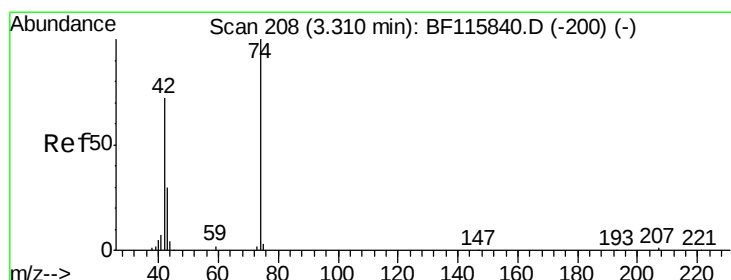
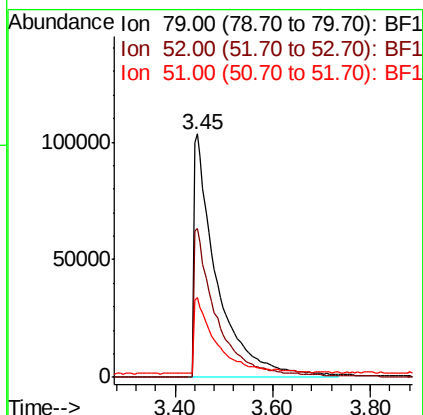
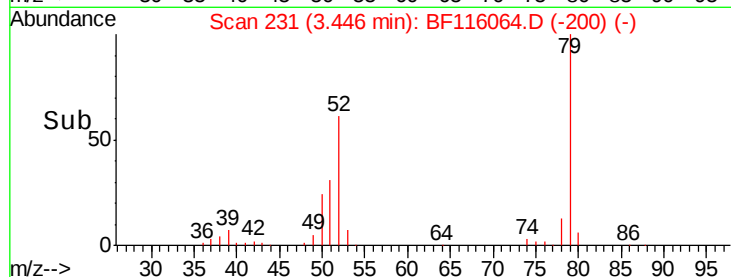
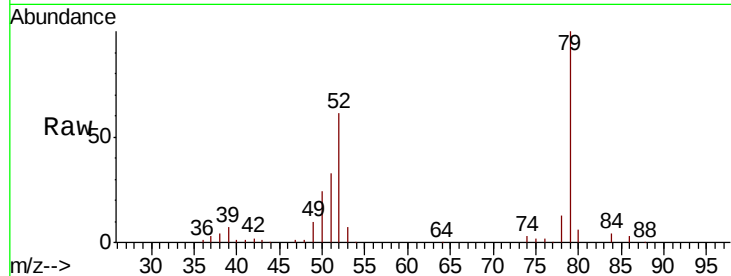
ClientSampleId :

PB122055BSD

Tot Ion:	79	Resp:	344002
Ion Ratio	Lower	Upper	
79	100		
52	61.4	49.8	74.8
51	32.6	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 34.035 ng

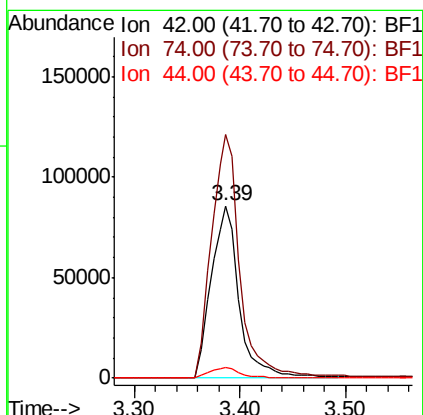
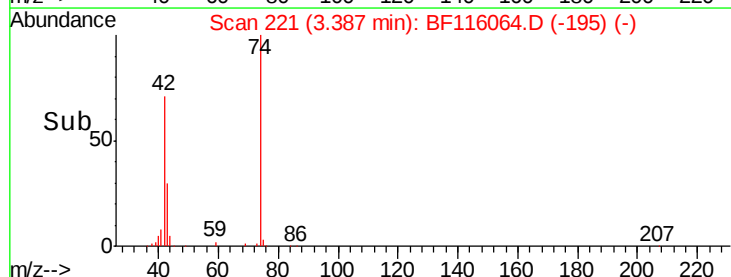
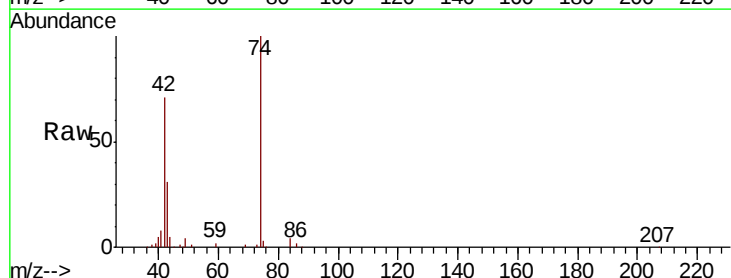
RT: 3.39 min Scan# 221

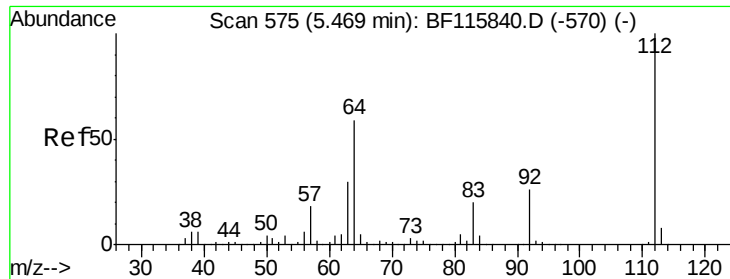
Delta R.T. 0.05 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Tgt Ion:	42	Resp:	158763
Ion Ratio	Lower	Upper	
42	100		
74	141.1	116.0	174.0
44	6.4	4.6	7.0





#5

2-Fluorophenol

Concen: 105.939 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

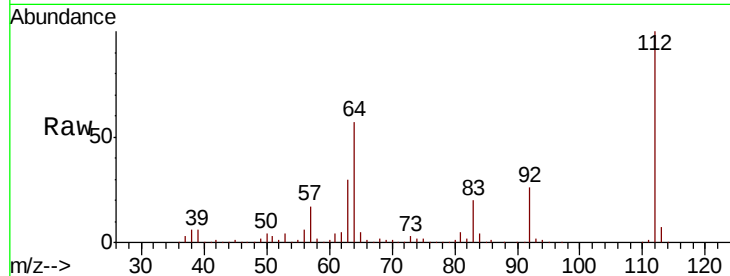
ClientSampleId :

PB122055BSD

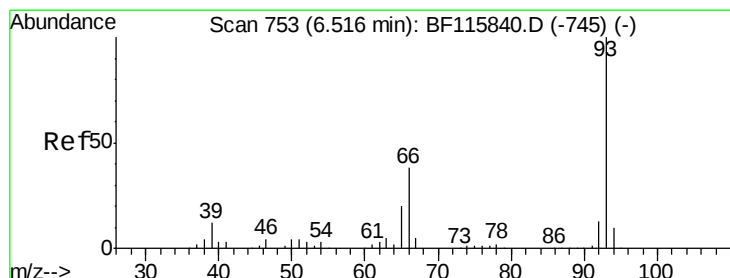
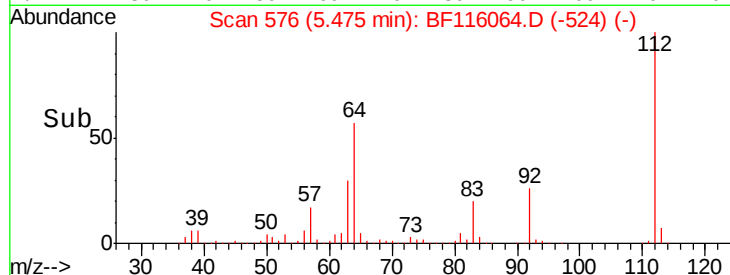
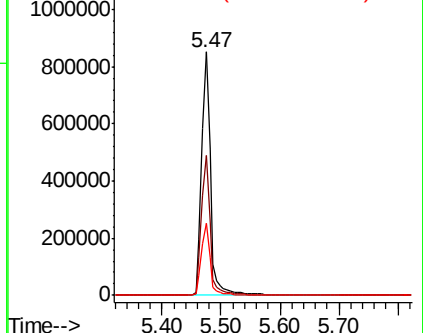
Tot Ion:	112	Resp:	887354
Ion Ratio	Lower	Upper	
112	100		
64	57.4	45.4	68.2
63	29.7	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.483 ng

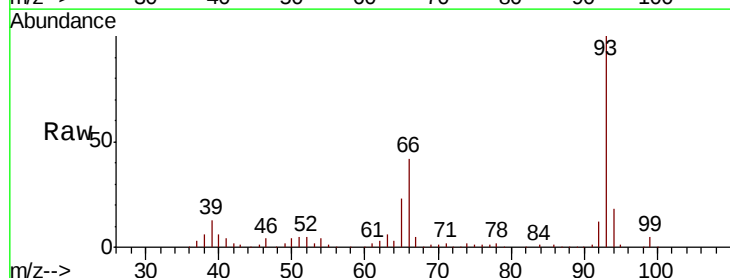
RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

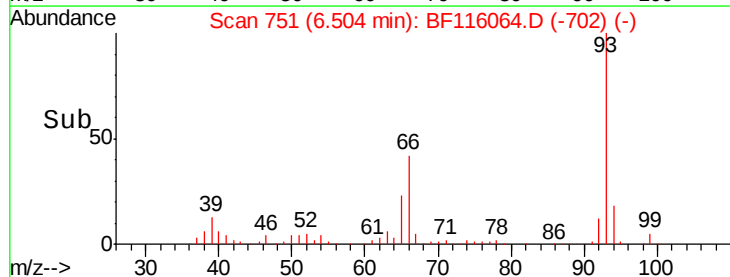
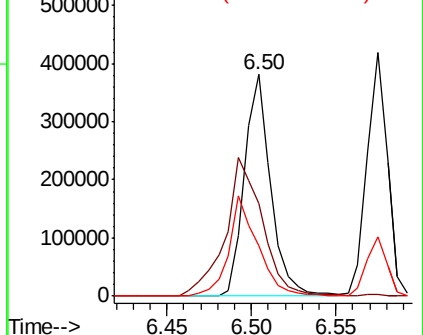
Lab File: BF116064.D

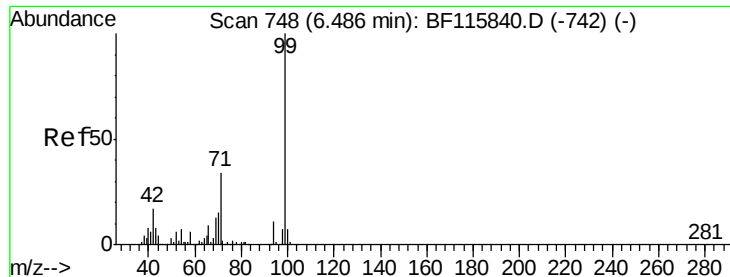
Acq: 8 Aug 2019 13:03

Tgt Ion:	93	Resp:	415937
Ion Ratio	Lower	Upper	
93	100		
66	41.6	32.2	48.4
65	22.8	17.0	25.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.997 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

ClientSampleId :

PB122055BSD

Tot Ion: 99 Resp: 1109605

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.8

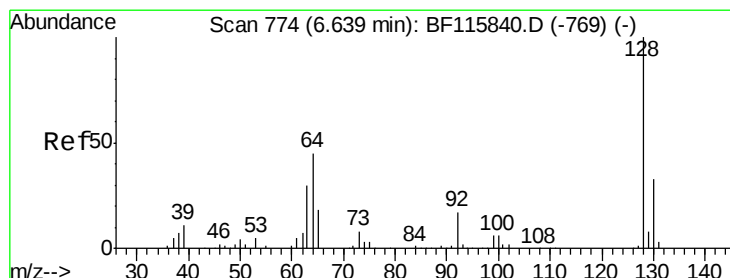
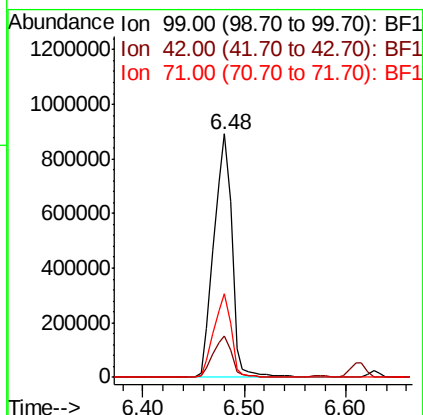
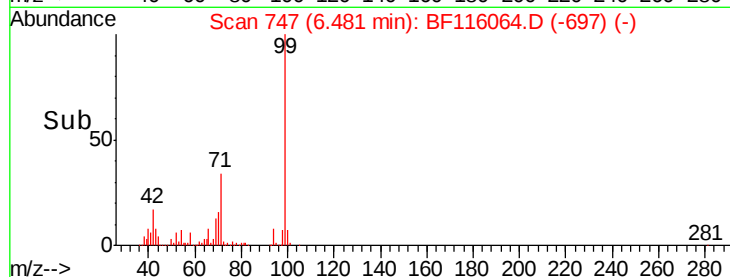
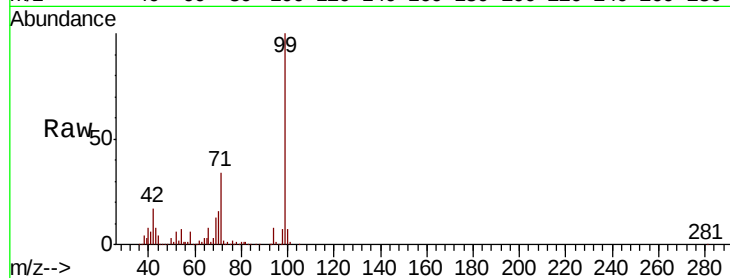
71 34.3 27.3 40.9

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.589 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

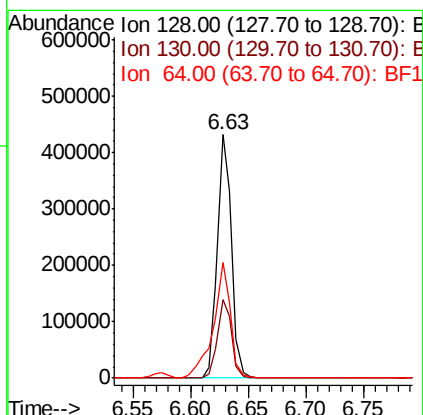
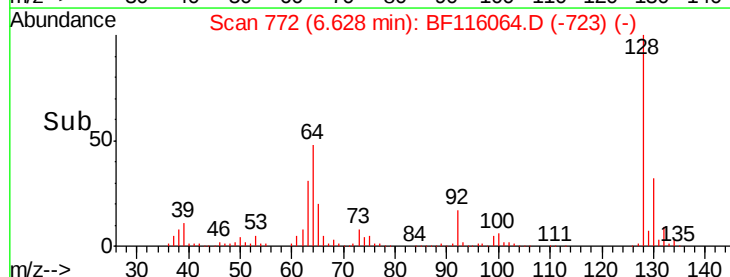
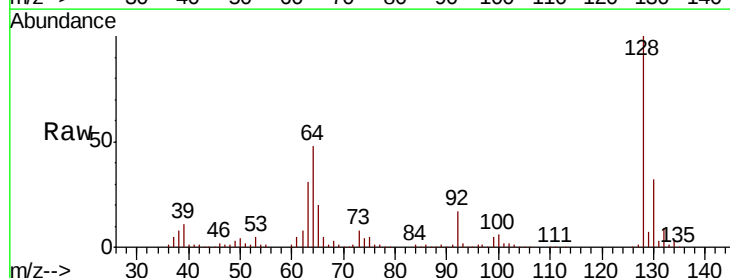
Tgt Ion: 128 Resp: 366688

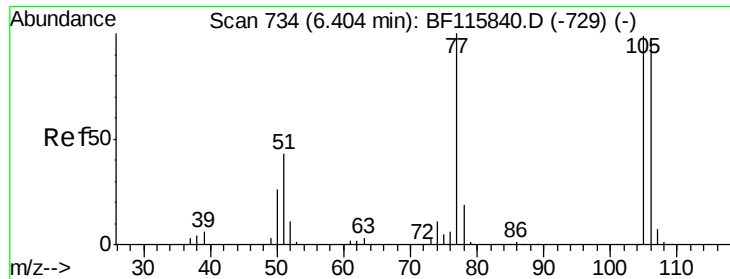
Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

64 47.7 24.3 64.3





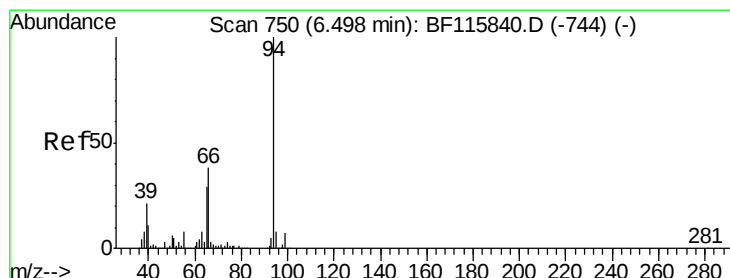
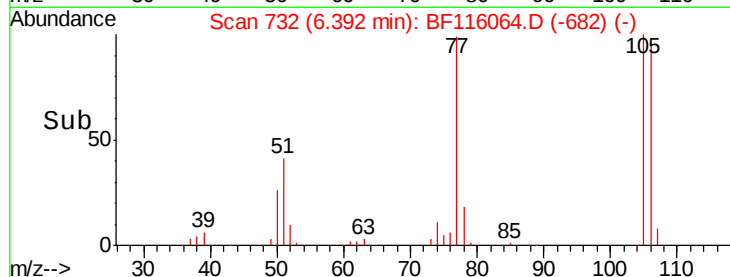
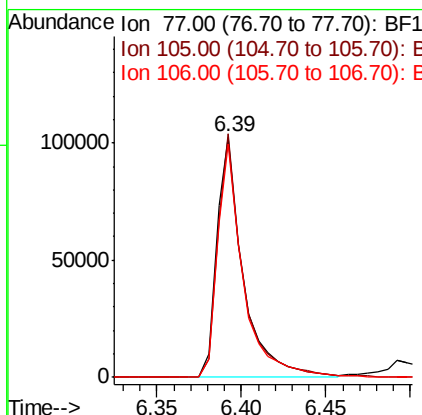
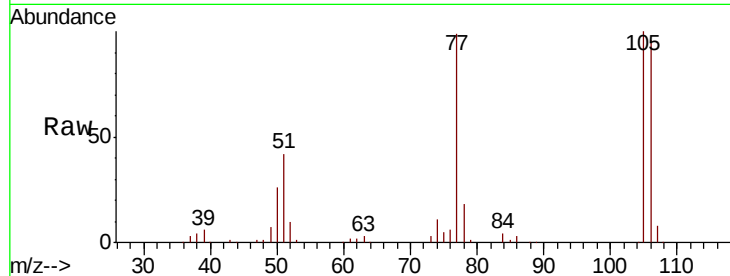
#9
Benzaldehyde
Concen: 15.327 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.3	79.2	119.2
106	97.0	74.3	114.3

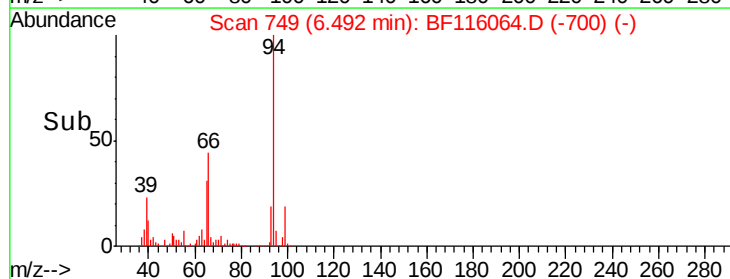
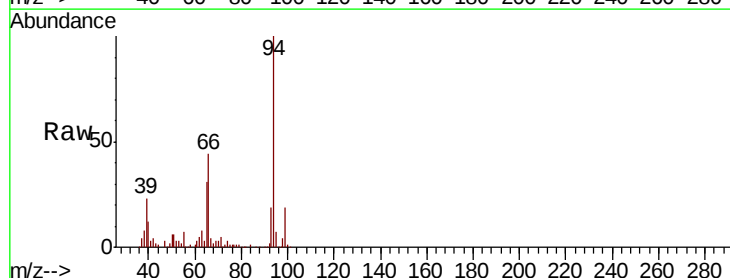
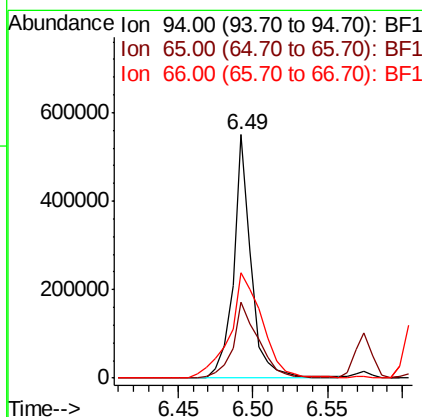
Manual Integrations
APPROVED

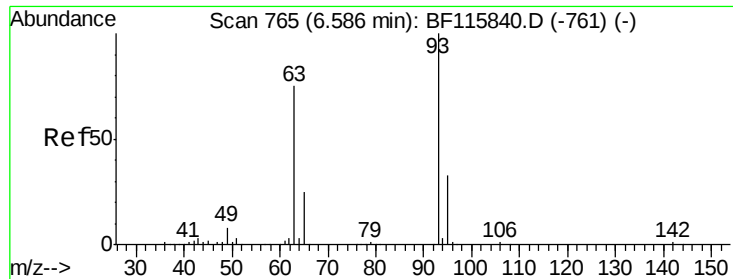
mohammad
8/14/2019 9:21:20 AM



#10
Phenol
Concen: 37.069 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.4	16.8	56.8
66	43.5	34.2	74.2





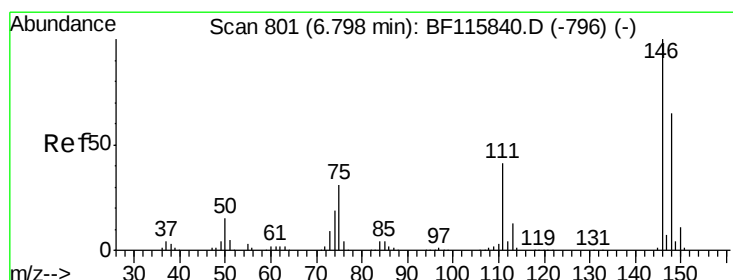
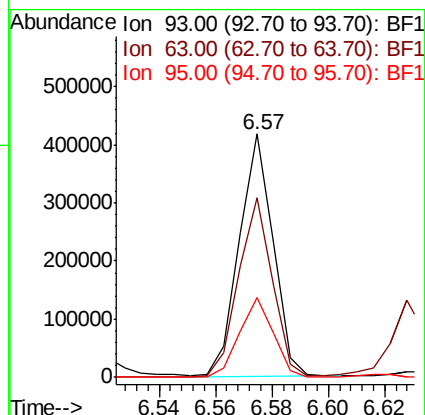
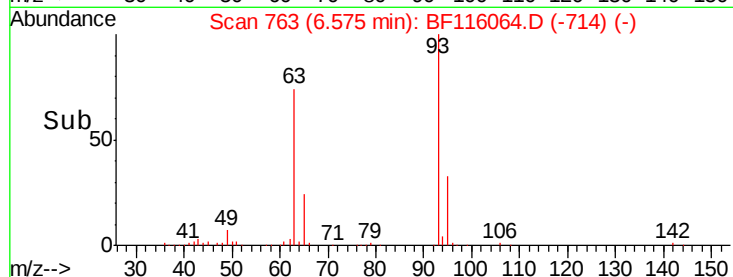
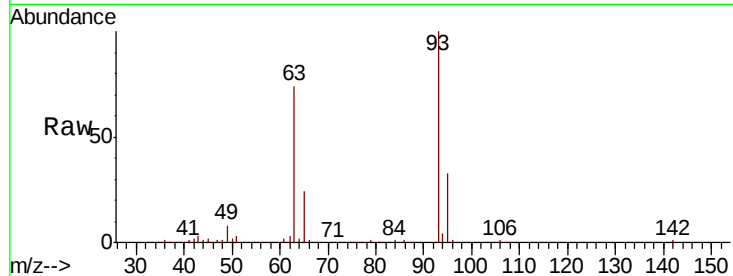
#11
bis(2-Chloroethyl)ether
Concen: 37.917 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion:	93	Resp:	346927
Ion	Ratio	Lower	Upper
93	100		
63	73.7	51.9	91.9
95	32.8	13.0	53.0

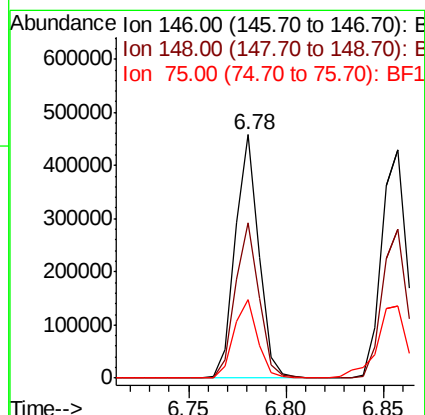
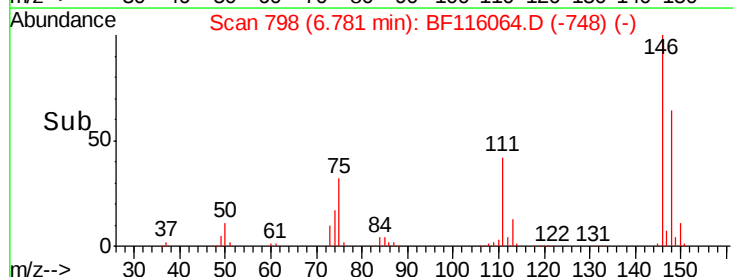
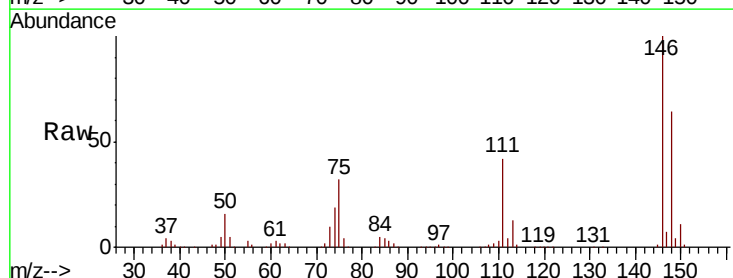
Manual Integrations
APPROVED

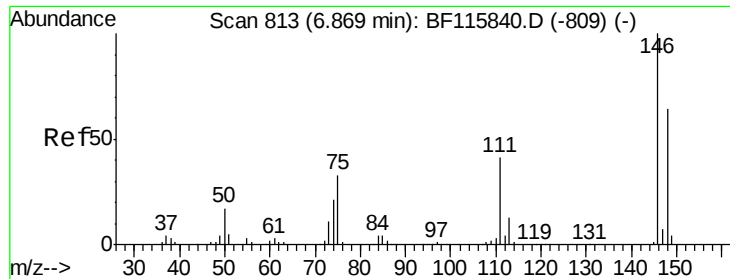
mohammad
8/14/2019 9:21:20 AM



#12
1,3-Dichlorobenzene
Concen: 35.920 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion:	146	Resp:	384499
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.3	76.9
75	32.2	27.4	41.2





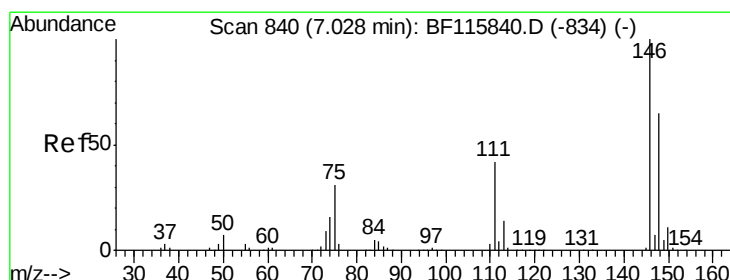
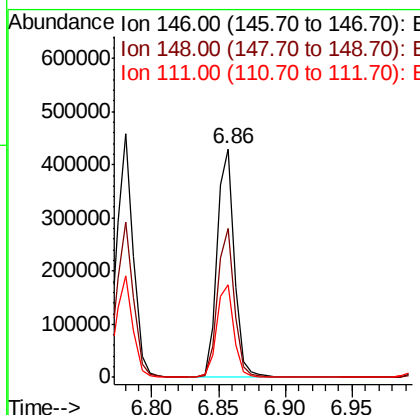
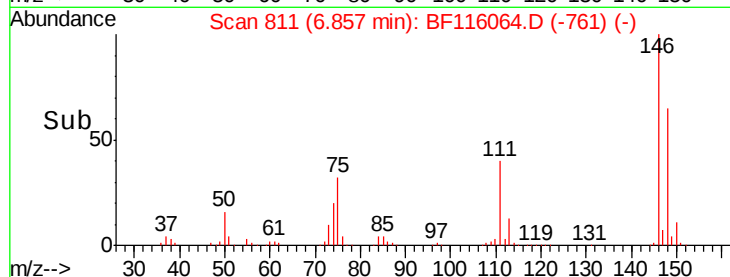
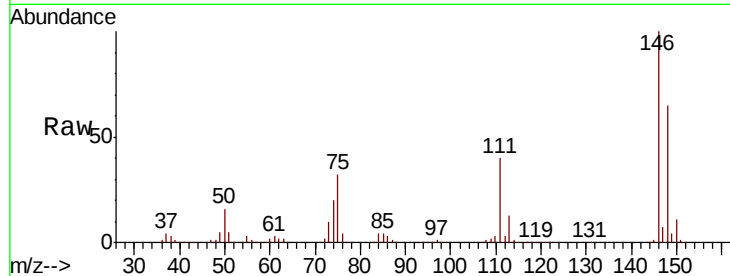
#13
 1,4-Dichlorobenzene
 Concen: 36.694 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.3	76.9
111	40.5	34.0	51.0

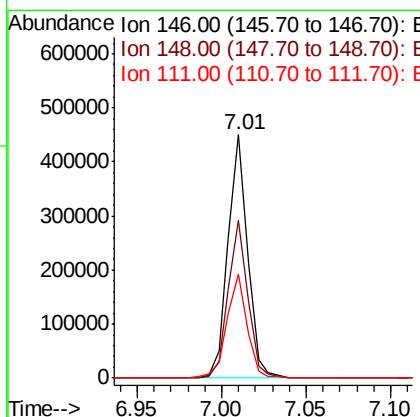
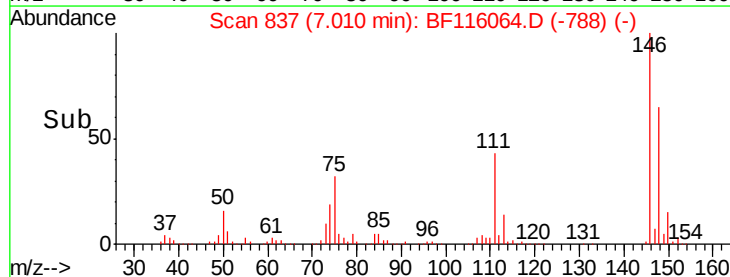
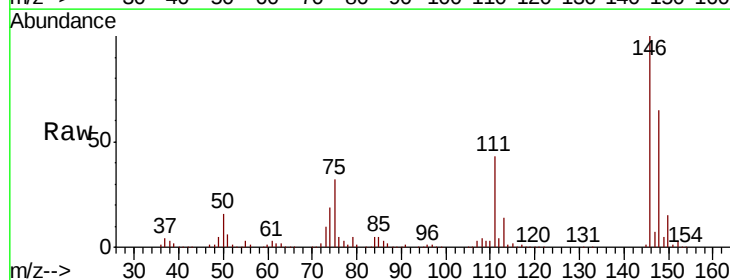
Manual Integrations
 APPROVED

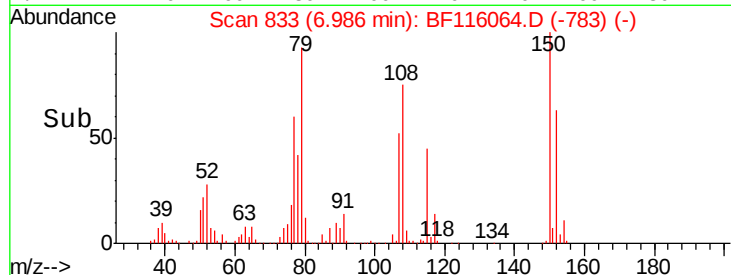
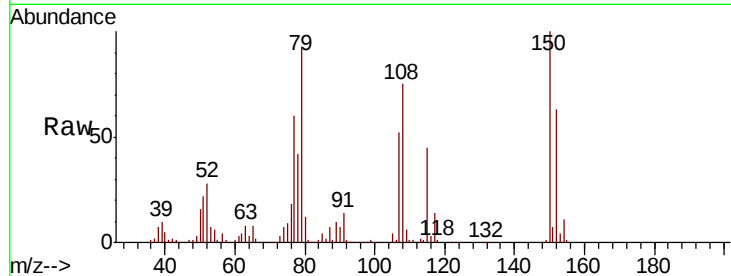
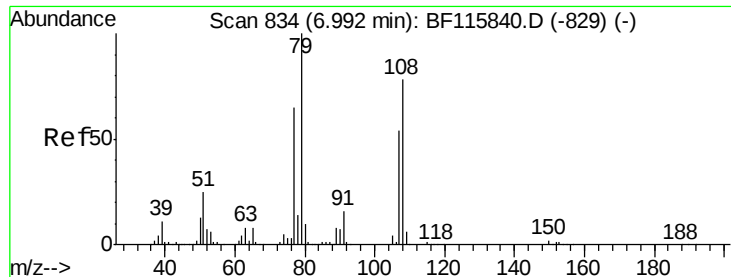
mohammad
 8/14/2019 9:21:20 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.701 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.2	76.8
111	42.6	33.5	50.3





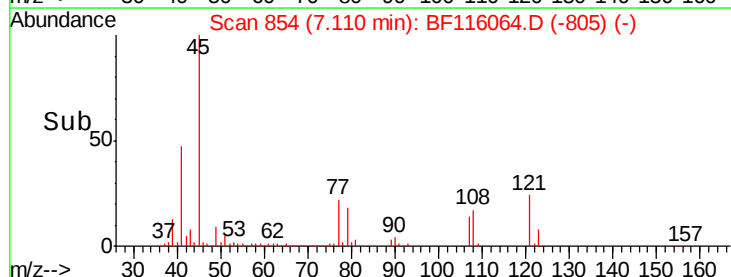
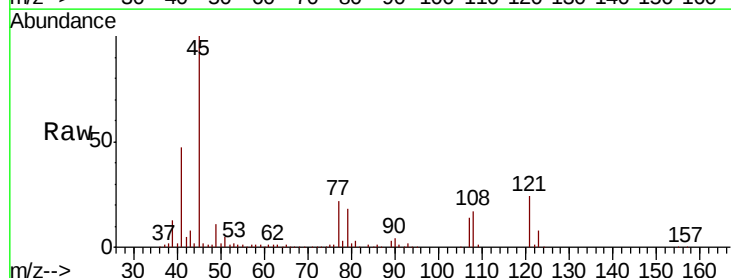
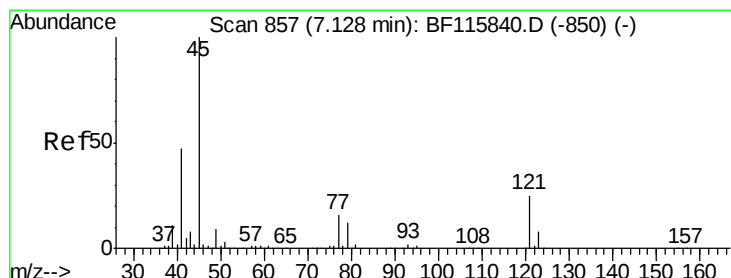
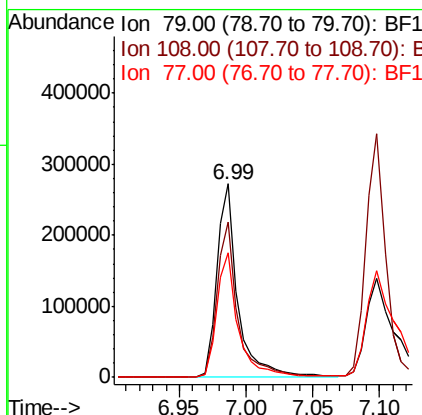
#15
Benzyl Alcohol
Concen: 37.862 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tot Ion	Ratio	Resp	Lower	Upper
79	100	303654		
108	80.4	62.7	94.1	
77	64.5	52.2	78.2	

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

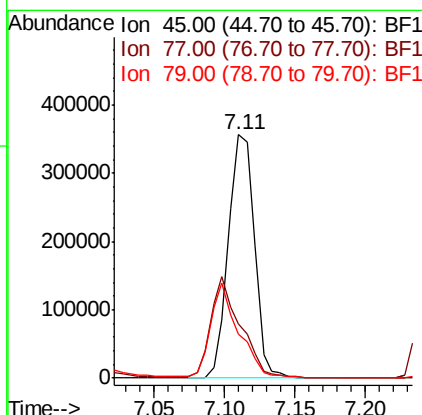
Manual Integrations
APPROVED

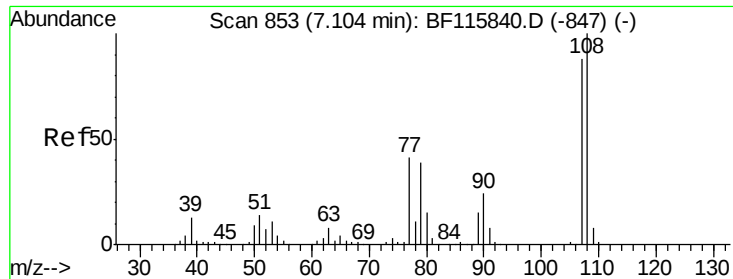
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.923 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	460803		
77	22.5	0.0	40.0	
79	17.8	0.0	35.9	





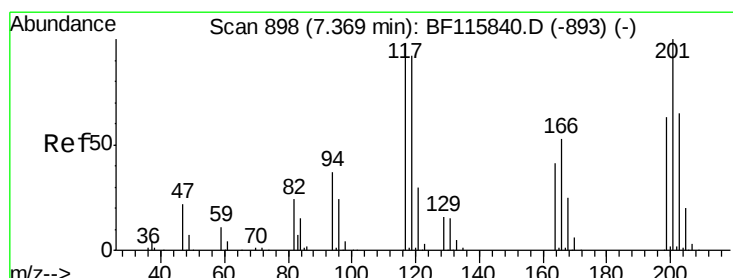
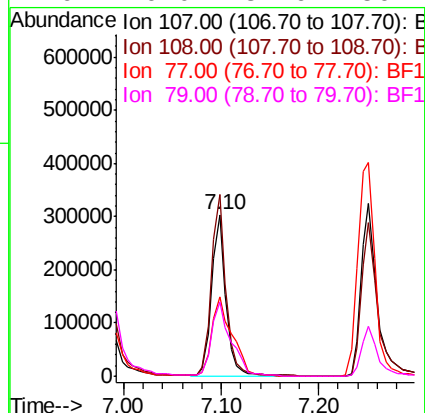
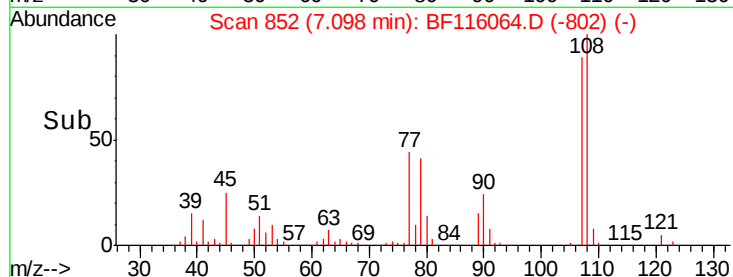
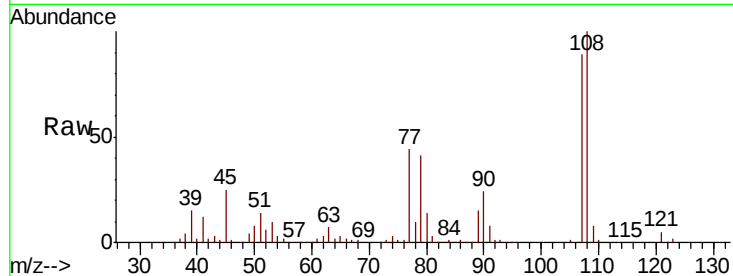
#17
2-Methylphenol
Concen: 39.378 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	91.2	136.8	
77	49.3	40.3	60.5	
79	46.0	37.6	56.4	

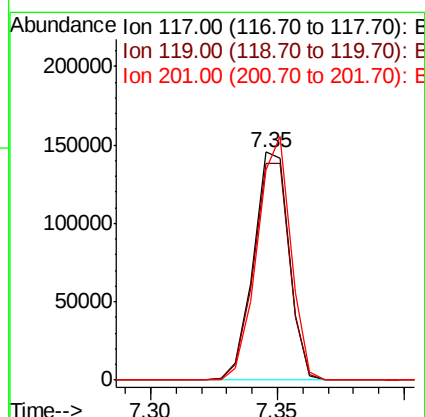
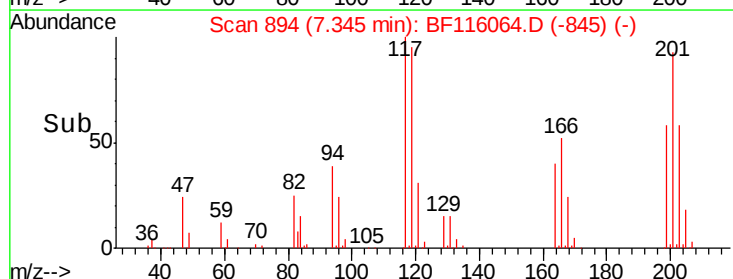
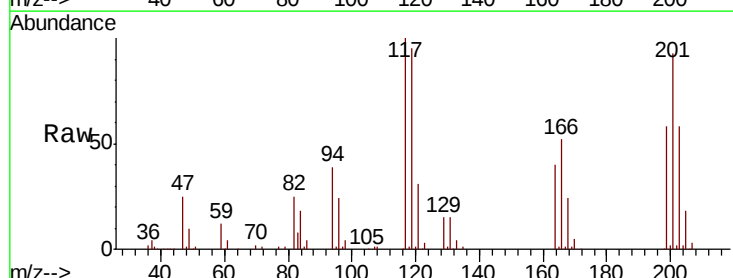
Manual Integrations
APPROVED

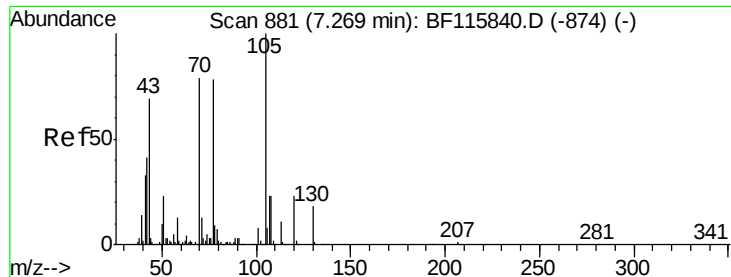
mohammad
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#18
Hexachloroethane
Concen: 36.209 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	76.1	114.1	
201	92.5	77.0	115.4	





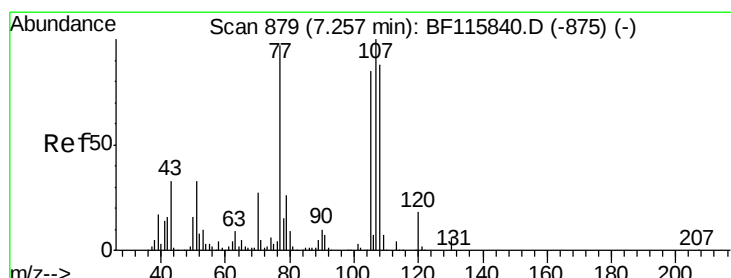
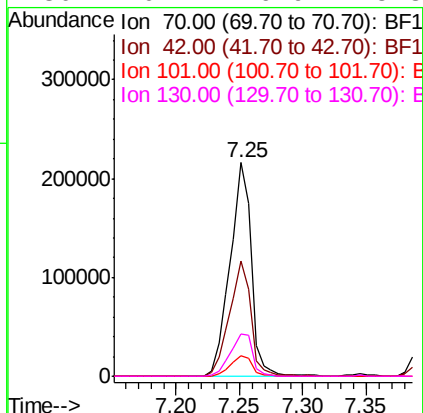
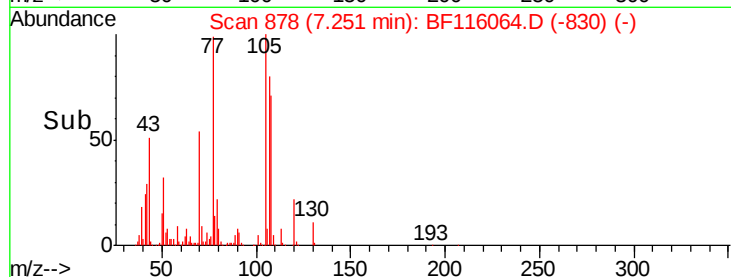
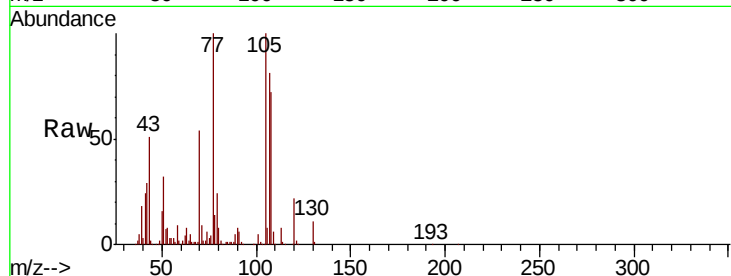
#19
n-Nitroso-di-n-propylamine
Concen: 38.160 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.8	40.9	61.3
101	9.7	7.9	11.9
130	20.1	16.9	25.3

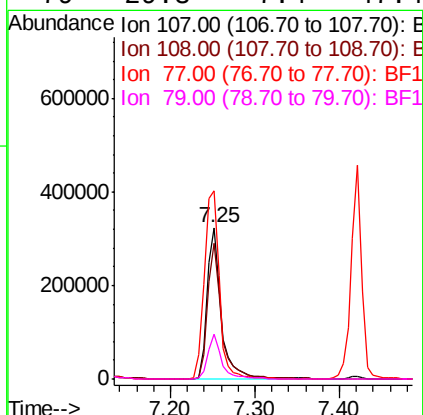
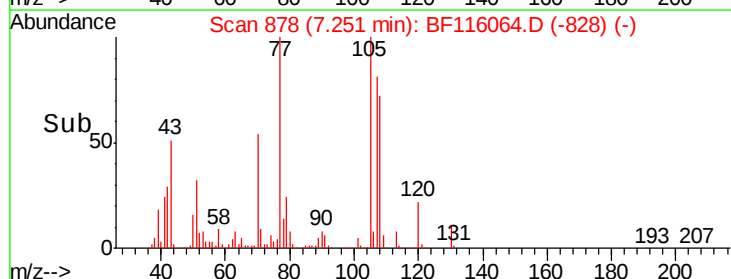
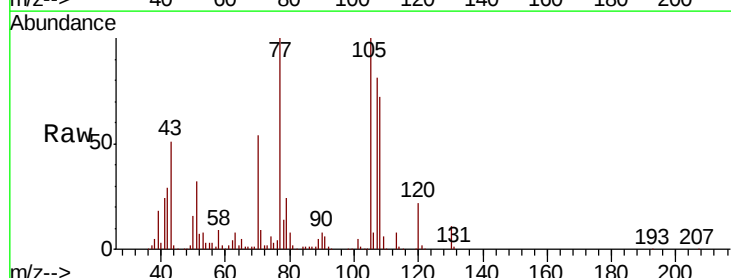
Manual Integrations
APPROVED

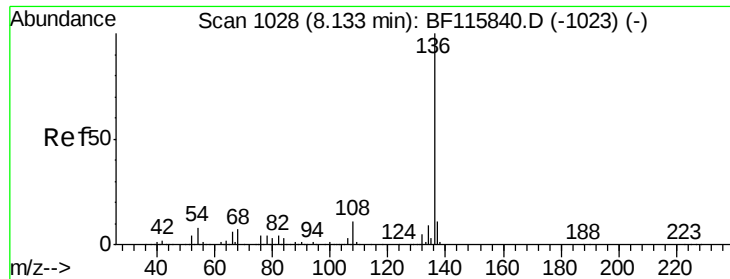
mohammad
8/14/2019 9:21:20 AM



#20
3+4-Methylphenols
Concen: 40.378 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.6	107.6
77	123.9	104.4	144.4
79	29.3	7.4	47.4





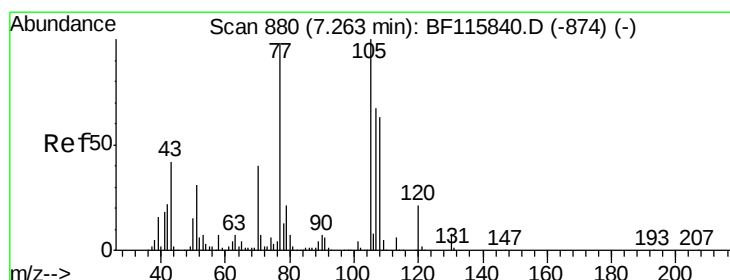
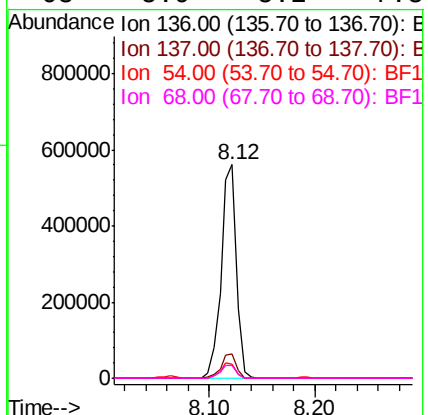
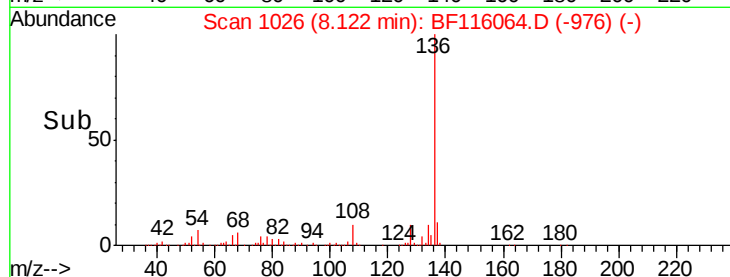
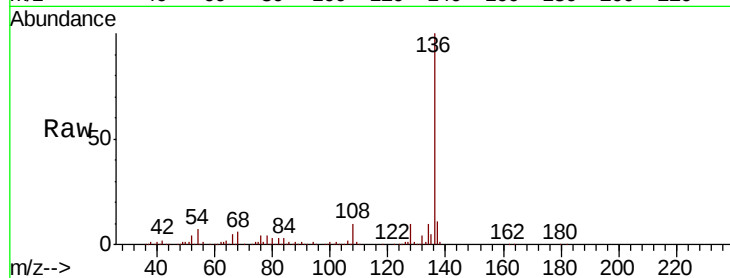
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	569828		
137	11.1	9.0	13.4	
54	6.6	5.8	8.6	
68	5.9	5.2	7.8	

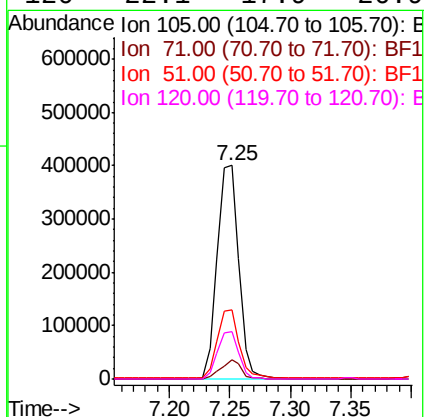
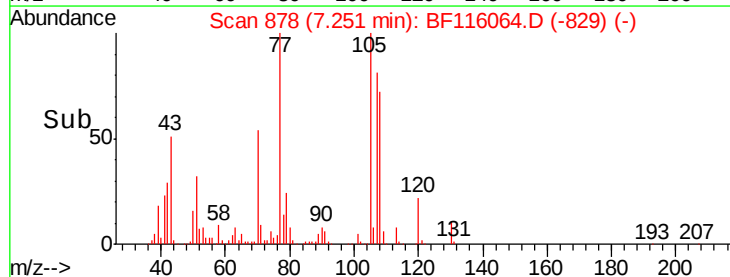
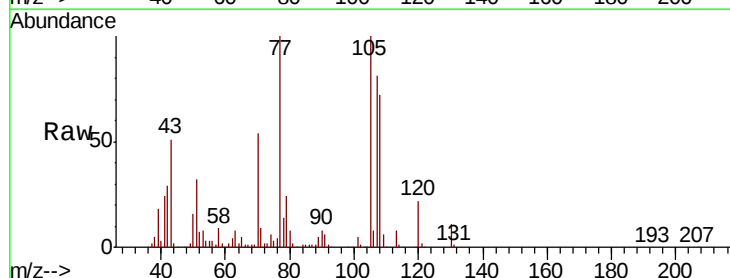
Manual Integrations
APPROVED

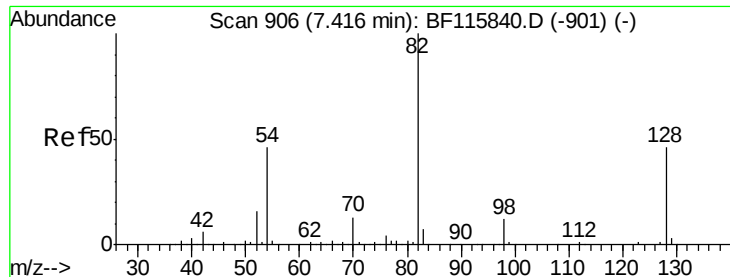
mohammad
8/14/2019 9:21:20 AM



#22
Acetophenone
Concen: 39.564 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	494439		
71	9.0	5.9	8.9#	
51	32.4	25.3	37.9	
120	22.1	17.9	26.9	





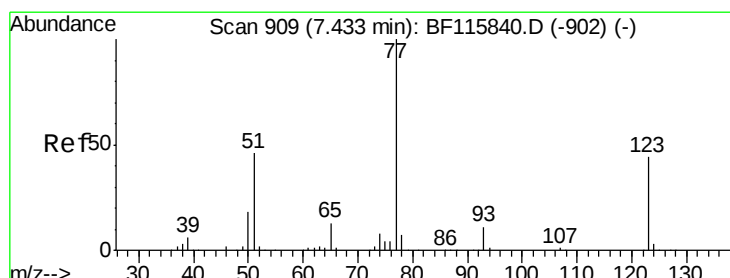
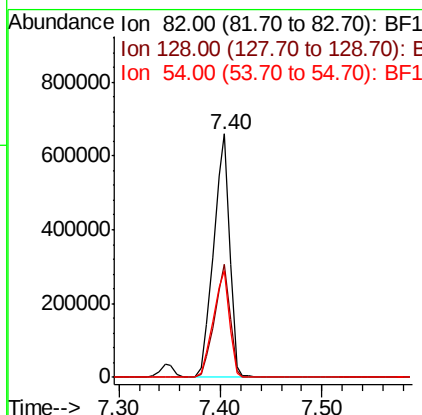
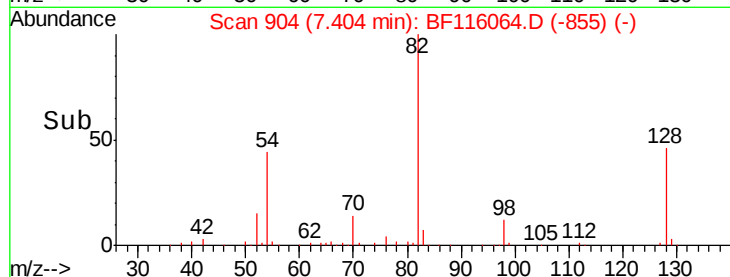
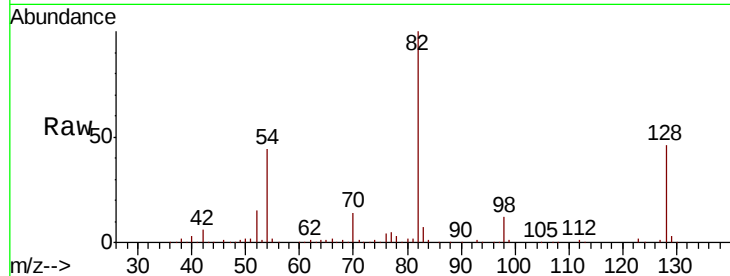
#23
 Nitrobenzene-d5
 Concen: 73.448 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.5	54.7
54	43.7	36.0	54.0

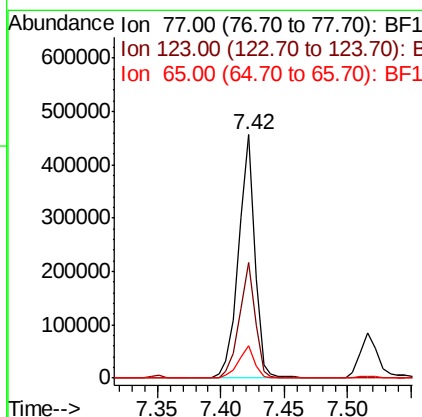
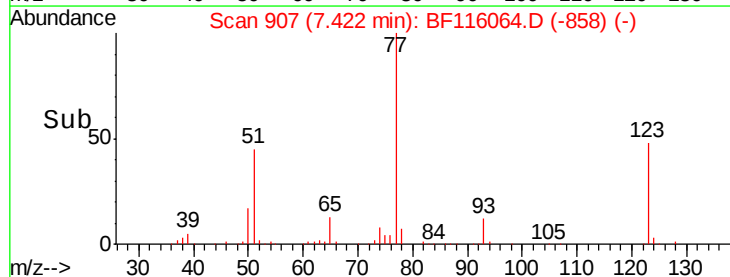
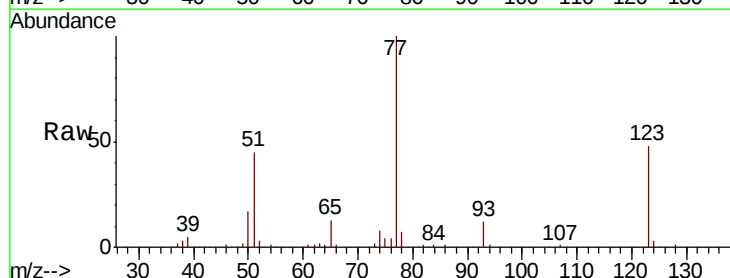
Manual Integrations
 APPROVED

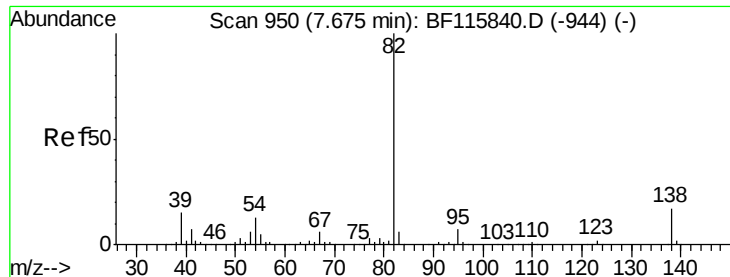
mohammad
 8/14/2019 9:21:20 AM



#24
 Nitrobenzene
 Concen: 37.627 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	36.7	55.1
65	13.3	10.6	16.0





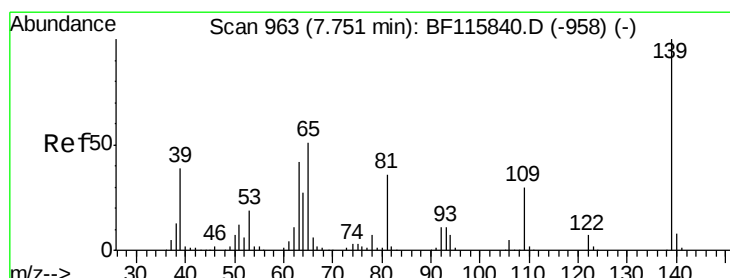
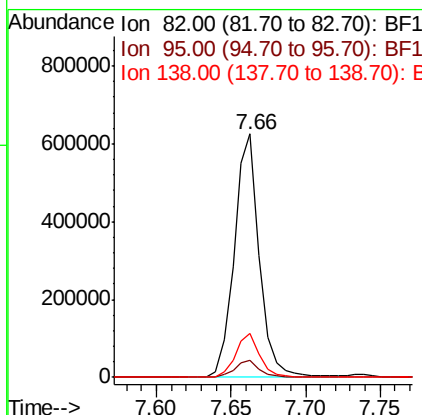
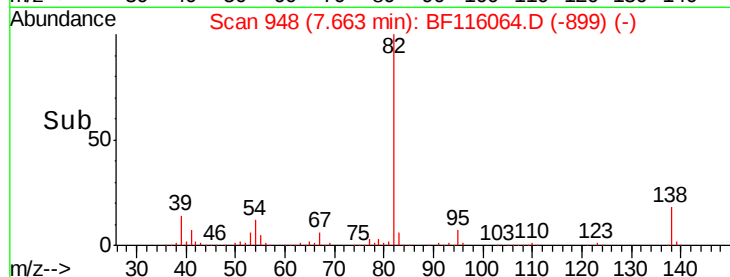
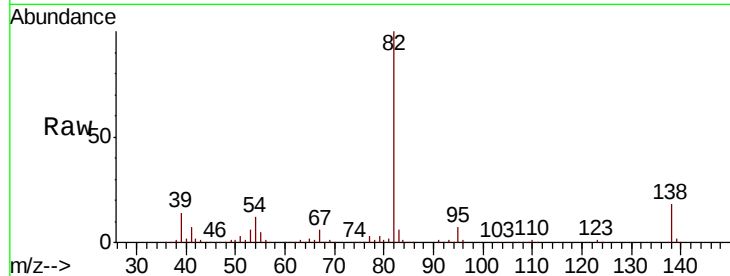
#25
Isophorone
Concen: 38.860 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.8	5.4	8.0	
138	18.0	14.5	21.7	

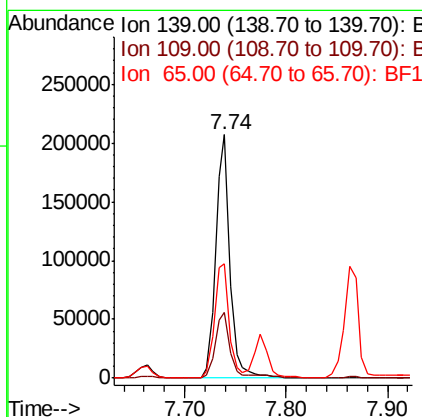
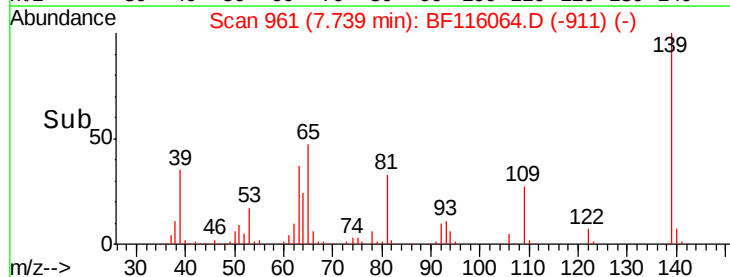
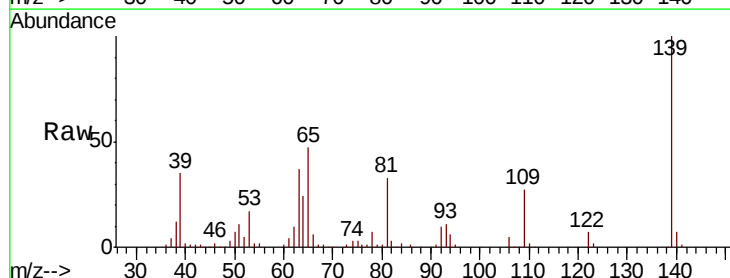
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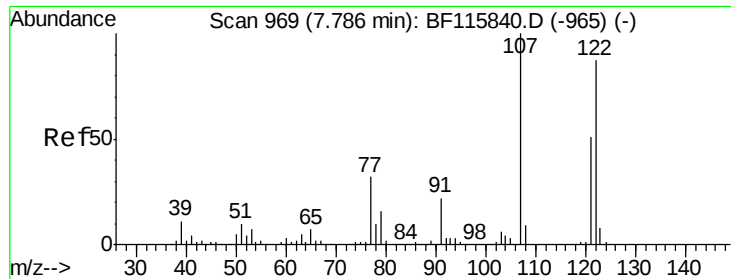
mohammad
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#26
2-Nitrophenol
Concen: 39.997 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.3	23.4	35.2	
65	47.2	41.1	61.7	





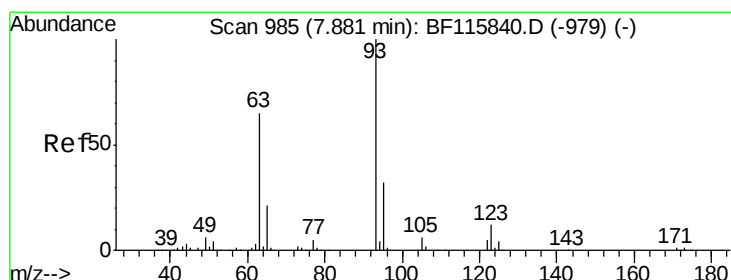
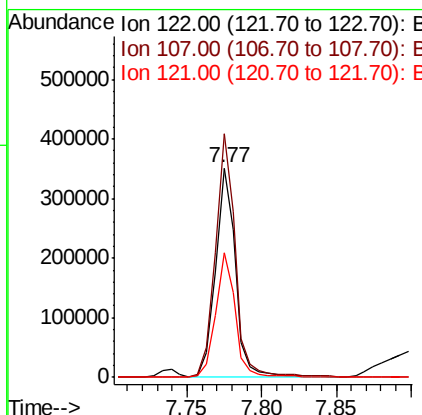
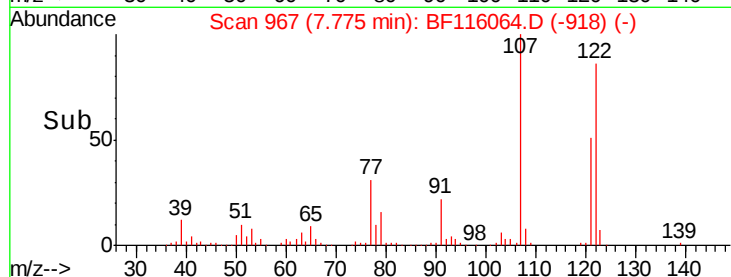
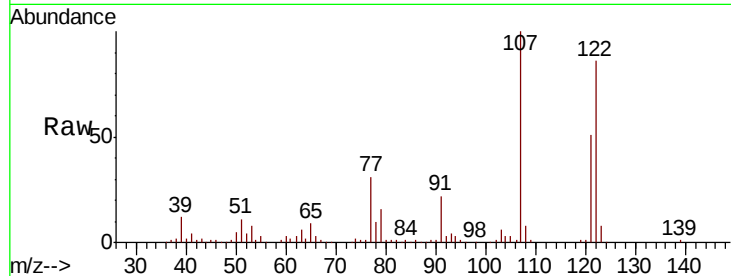
#27
2,4-Dimethylphenol
Concen: 43.293 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleID :
PB122055BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	327265		
107	116.2	93.0	139.6	
121	59.2	47.6	71.4	

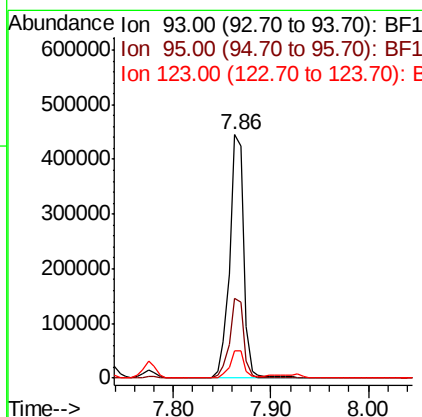
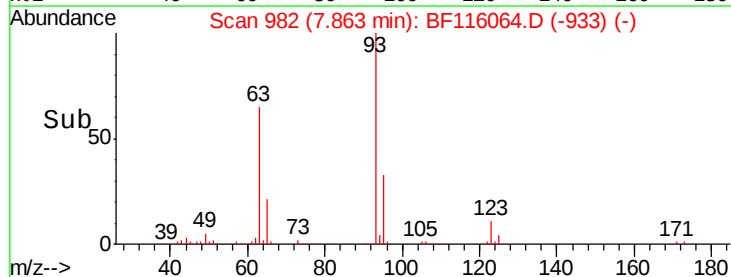
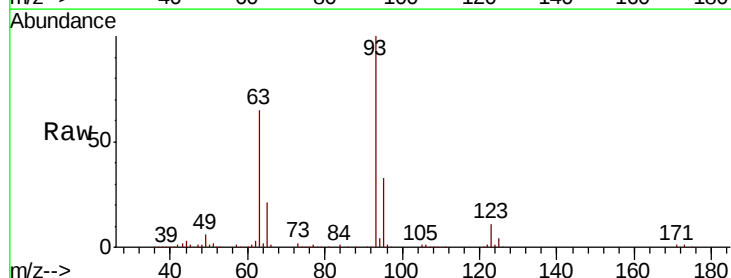
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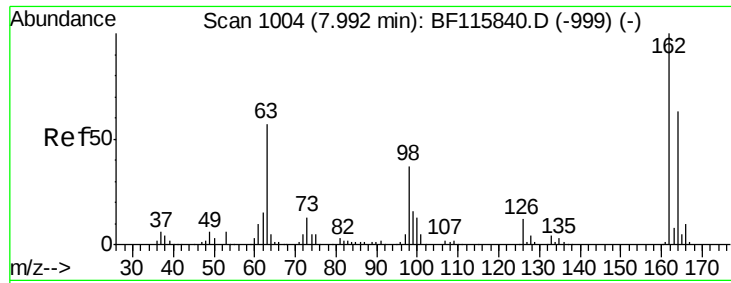
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.418 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	449480		
95	32.7	26.2	39.4	
123	11.3	9.2	13.8	





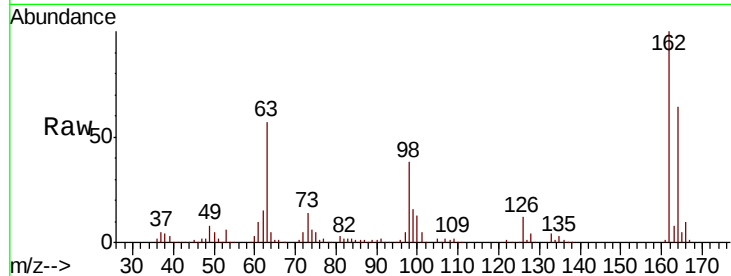
#29
2,4-Dichlorophenol
Concen: 39.869 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	318220		
164	63.8	45.1	85.1	
98	38.3	15.8	55.8	

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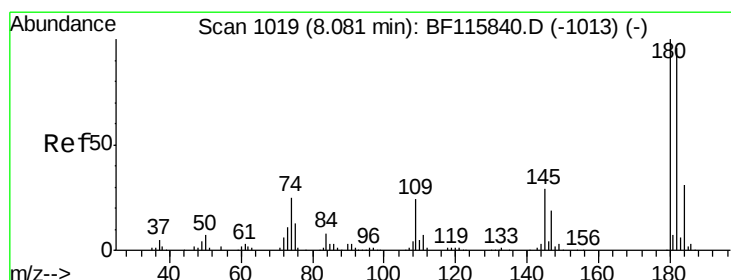
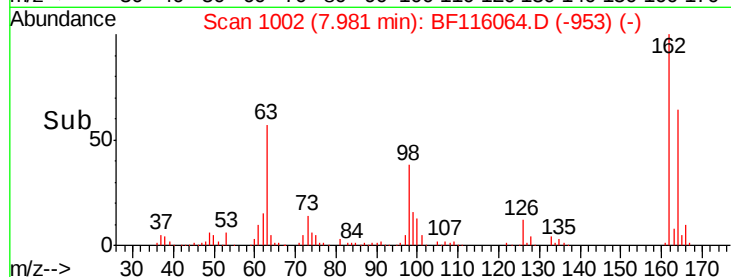
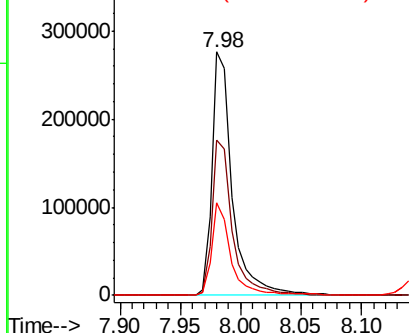


Abundance

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: 37.189 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

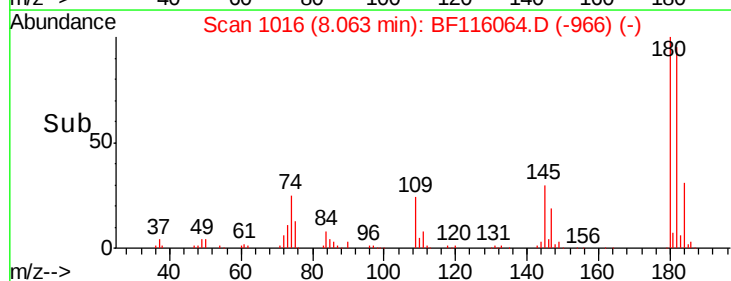
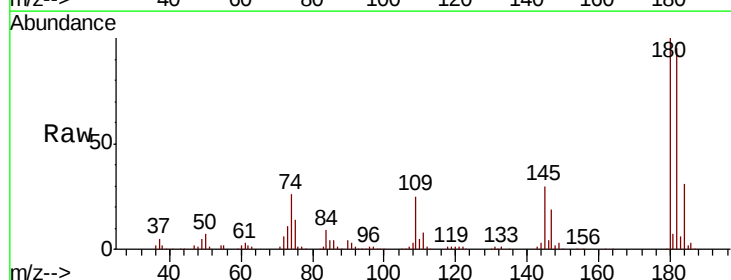
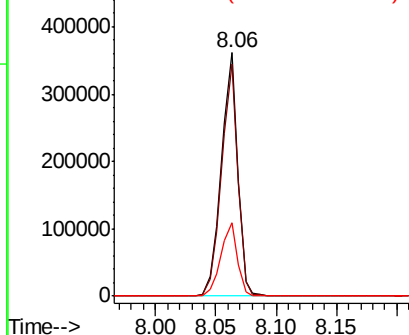
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	338355		
182	95.3	75.7	113.5	
145	30.0	24.3	36.5	

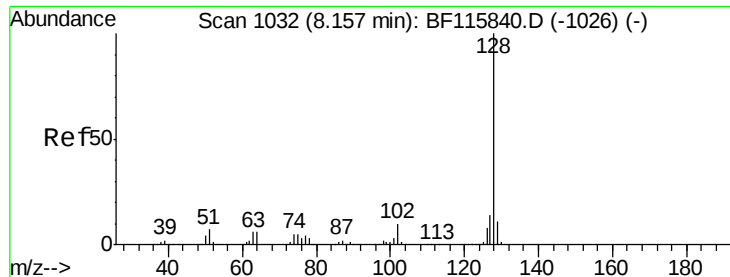
Abundance

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





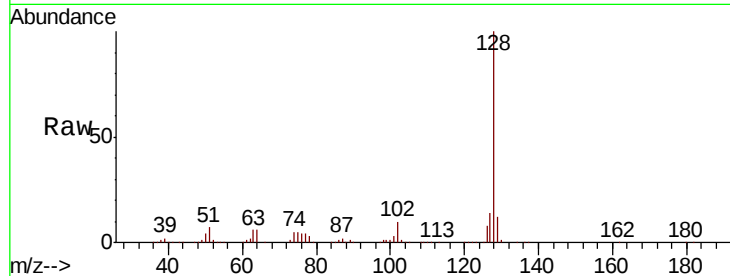
#31
Naphthalene
Concen: 39.361 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.7	11.4	17.0

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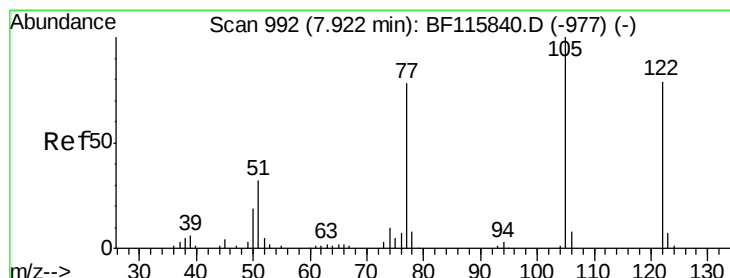
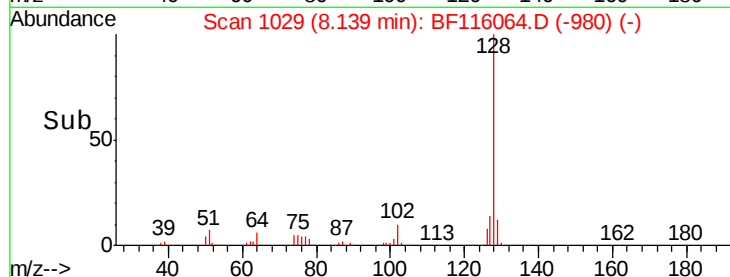
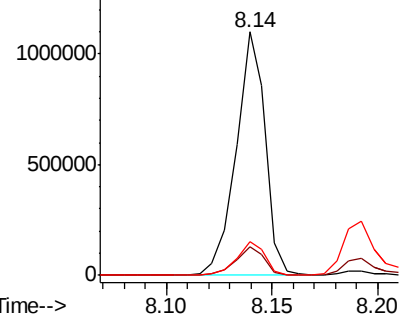


Abundance

Ion 128.00 (127.70 to 128.70): E

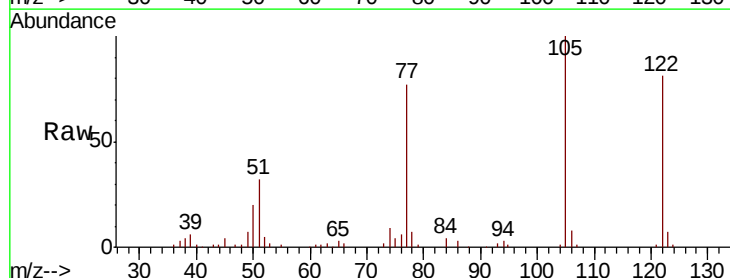
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.883 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.8	106.1	146.1
77	94.9	76.7	116.7

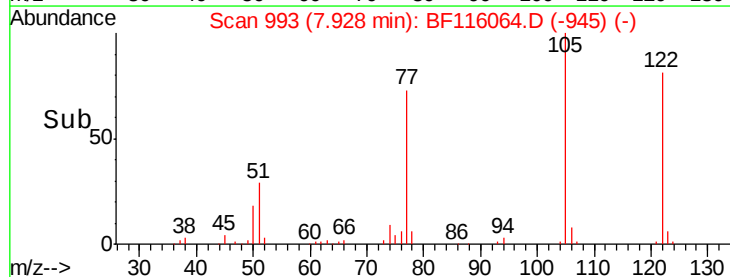
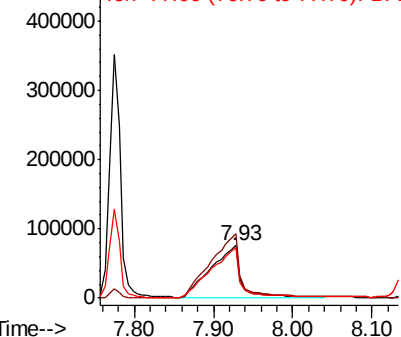


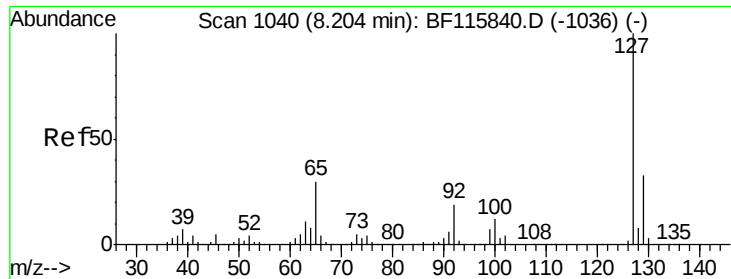
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





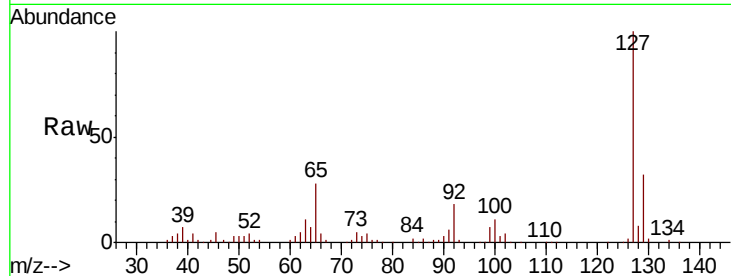
#33
4-Chloroaniline
Concen: 24.662 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

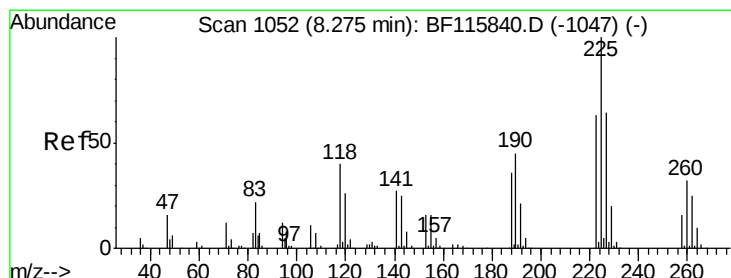
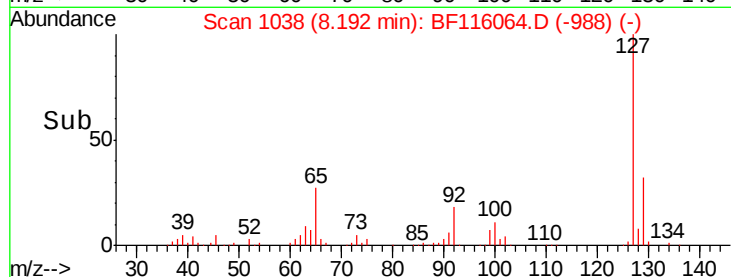
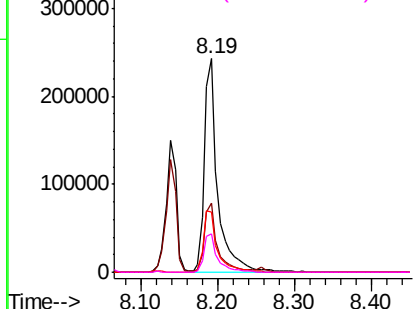
Tot Ion	Ratio	Resp	Lower	Upper
127	100	295474		
129	32.4	26.1	39.1	
65	28.2	24.9	37.3	
92	17.8	15.7	23.5	

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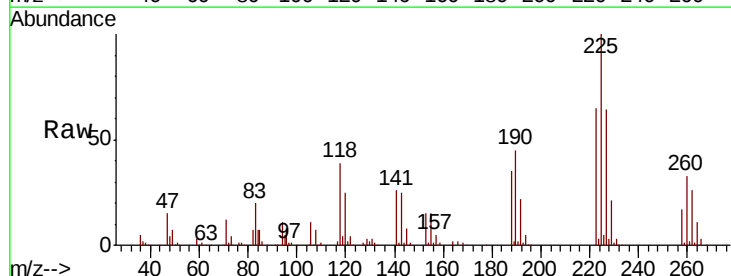


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

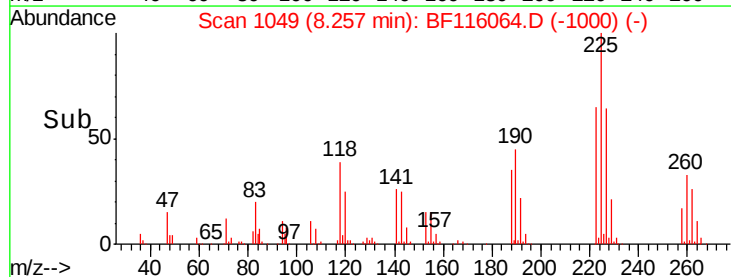
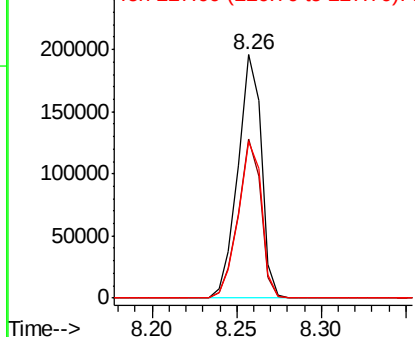


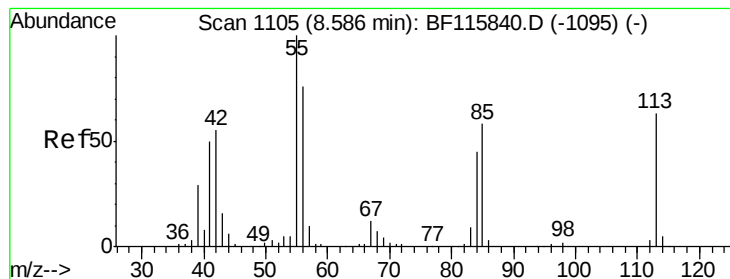
#34
Hexachlorobutadiene
Concen: 36.162 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	189509		
223	65.5	50.0	75.0	
227	64.4	51.0	76.4	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.833 ng/ml

RT: 8.56 min Scan# 1101

Delta R.T. -0.03 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

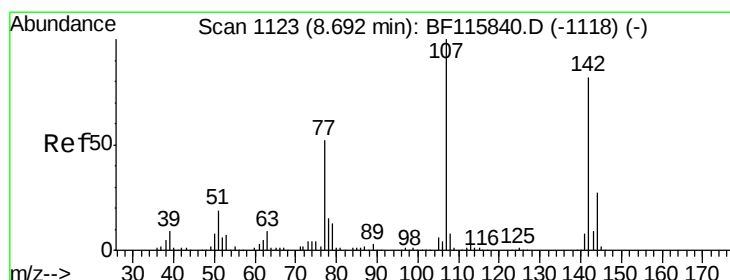
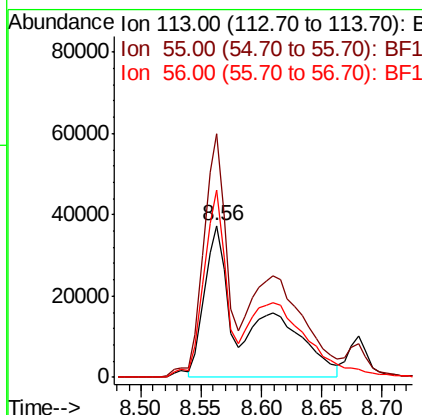
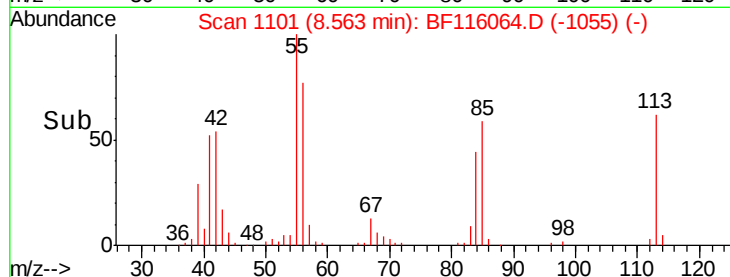
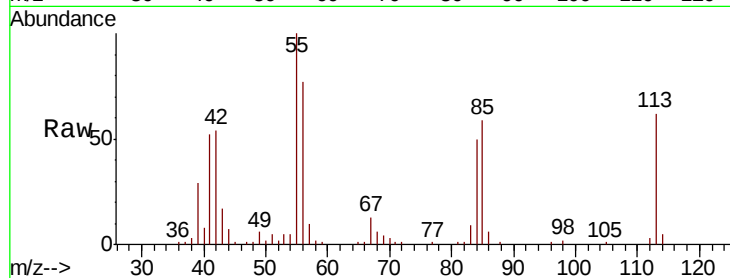
ClientSampleId :

PB122055BSD

Tot Ion:	113	Resp:	97664
Ion	Ratio	Lower	Upper
113	100		
55	160.4	144.3	184.3
56	123.0	97.1	137.1

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#36

4-Chloro-3-methylphenol

Concen: 39.952 ng/ml

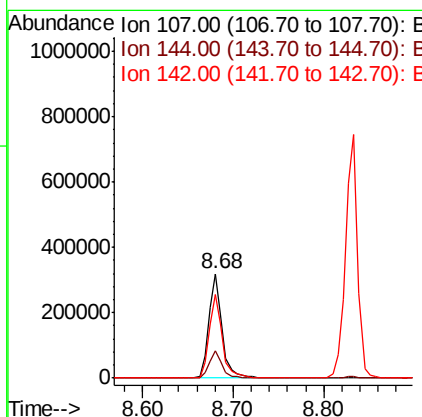
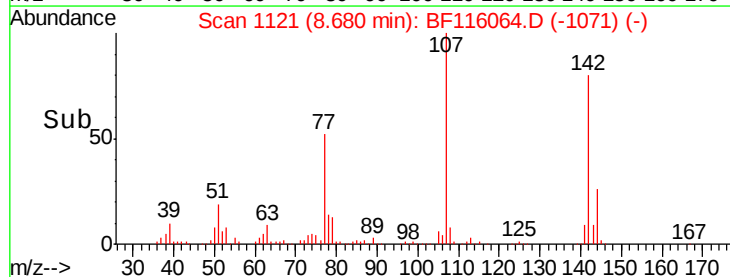
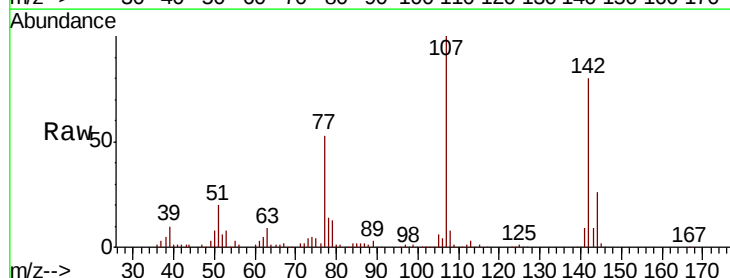
RT: 8.68 min Scan# 1121

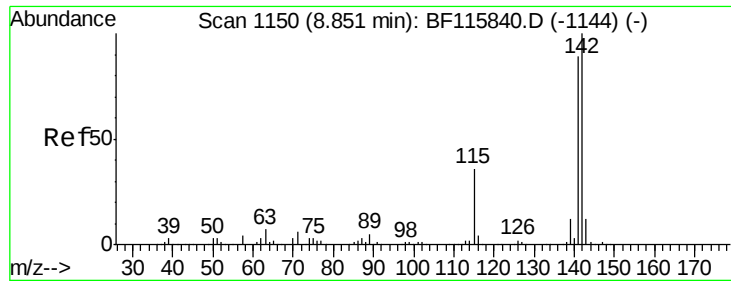
Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Tgt Ion:	107	Resp:	331743
Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.2	30.2
142	79.6	61.7	92.5





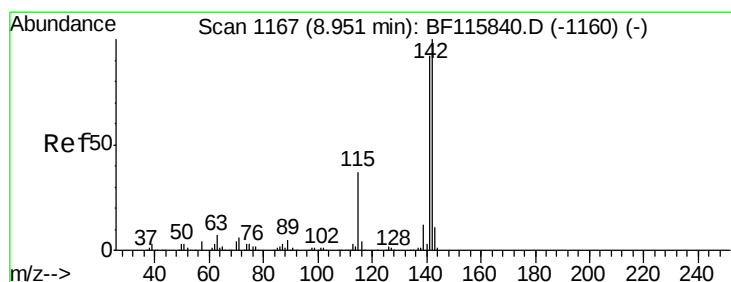
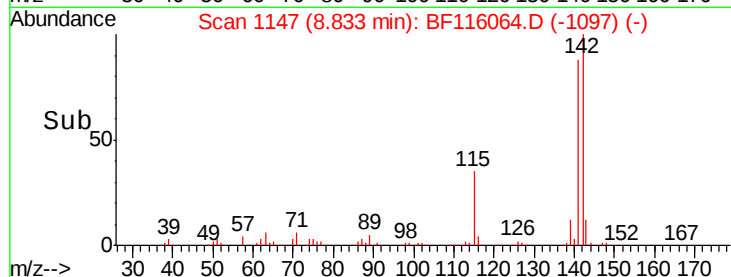
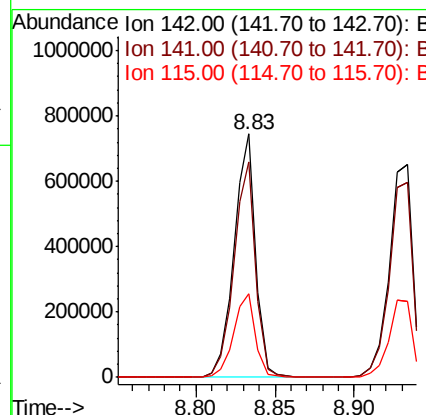
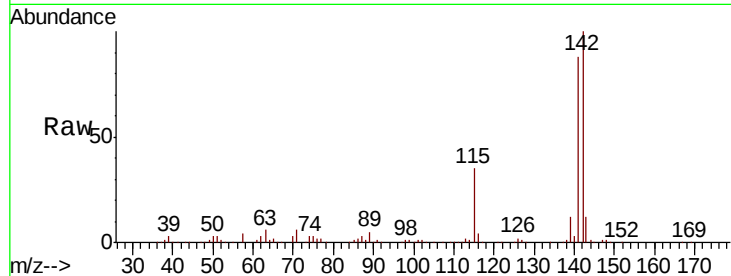
#37
2-Methylnaphthalene
Concen: 39.565 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.9	106.3
115	34.6	29.0	43.6

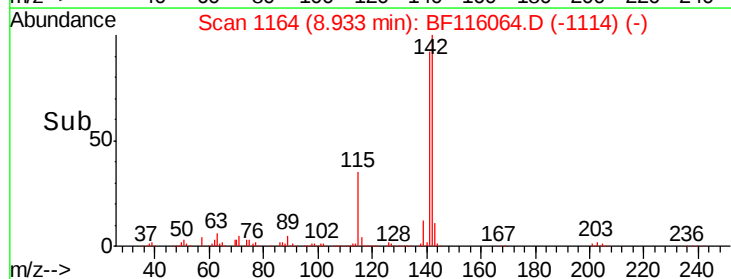
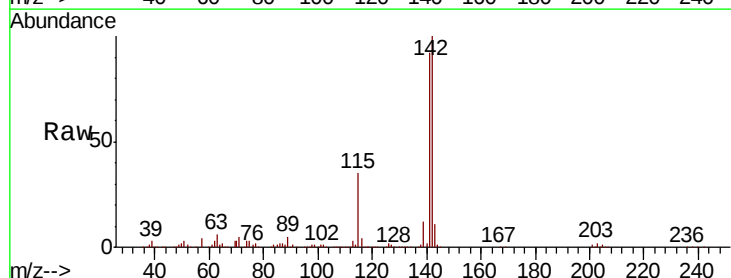
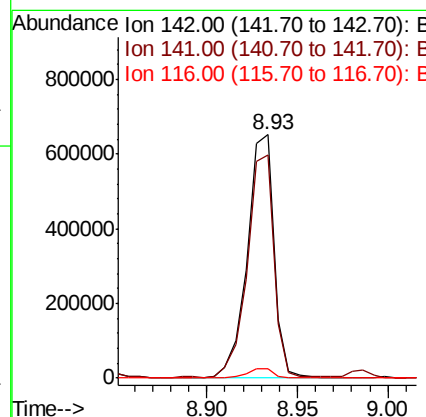
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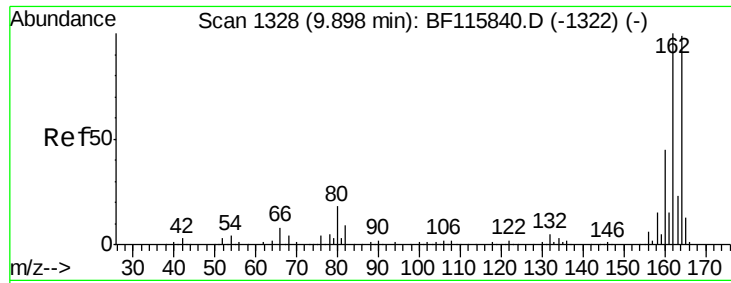
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#38
1-Methylnaphthalene
Concen: 39.657 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.4	111.6
116	3.7	3.1	4.7





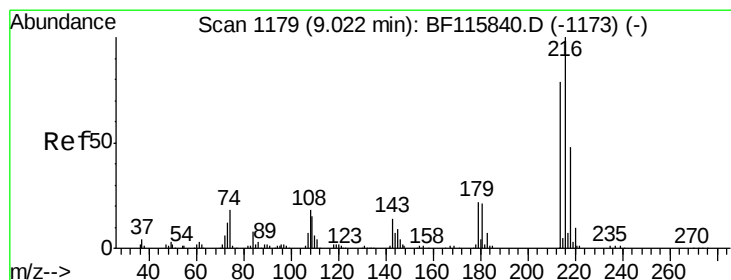
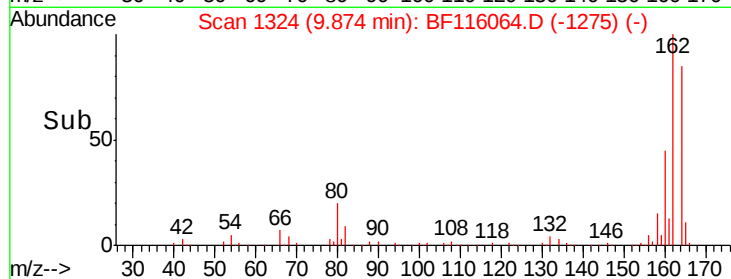
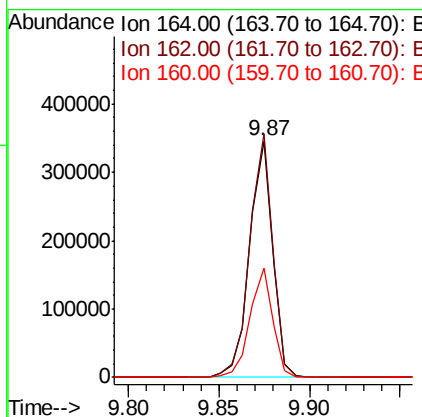
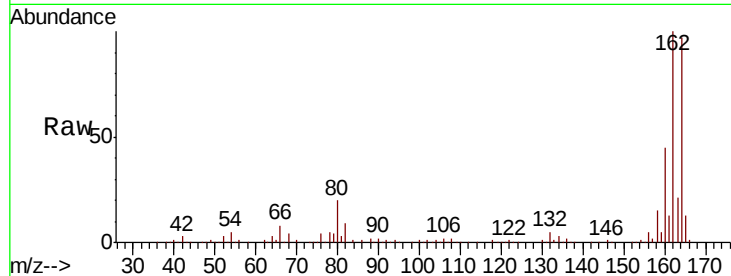
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	82.6	124.0	
160	46.1	37.6	56.4	

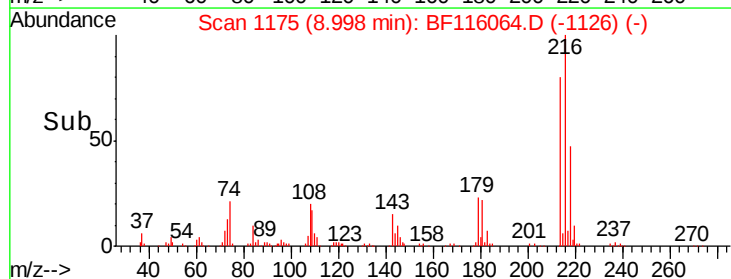
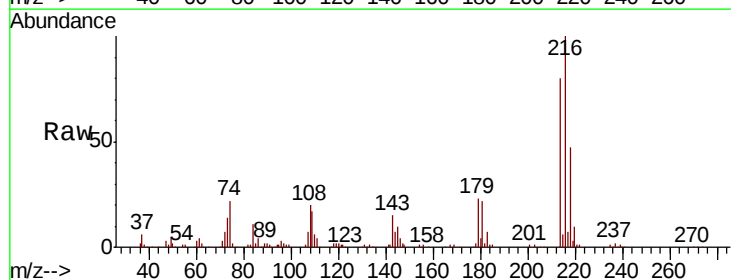
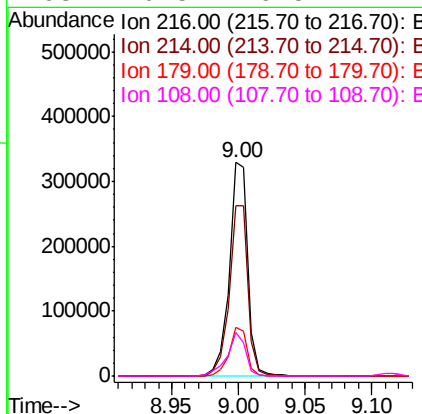
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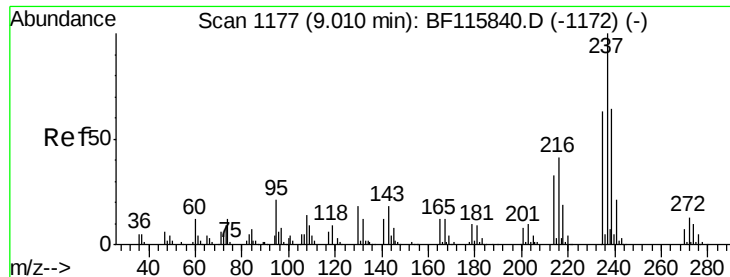
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.388 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.4	63.6	95.4	
179	21.9	17.8	26.8	
108	20.5	16.5	24.7	





#41

Hexachlorocyclopentadiene

Concen: 41.362 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

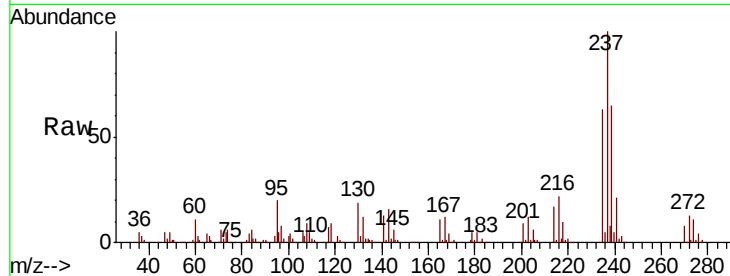
ClientSampleId :

PB122055BSD

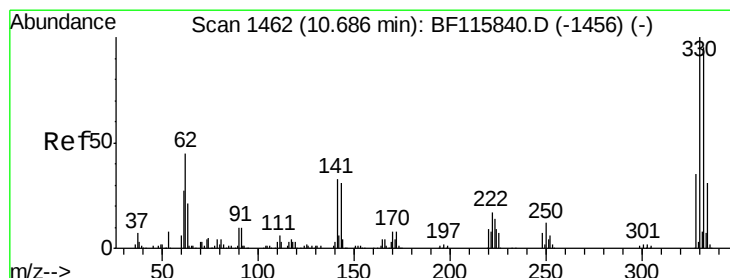
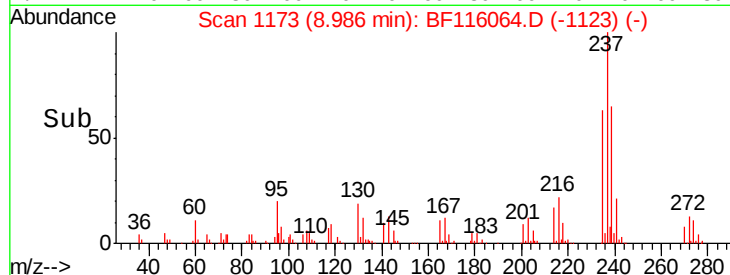
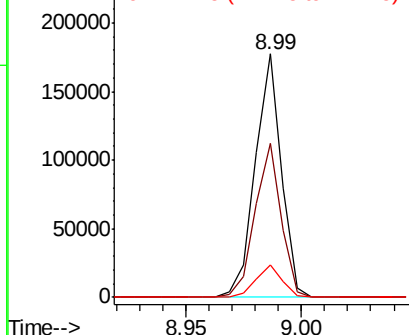
Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.2	43.4	83.4		
272	13.1	0.0	33.2		

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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: 107.490 ng

RT: 10.67 min Scan# 1459

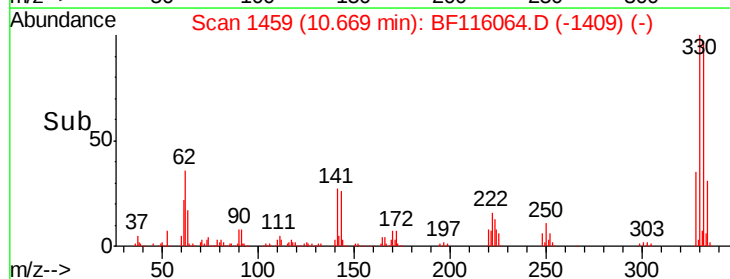
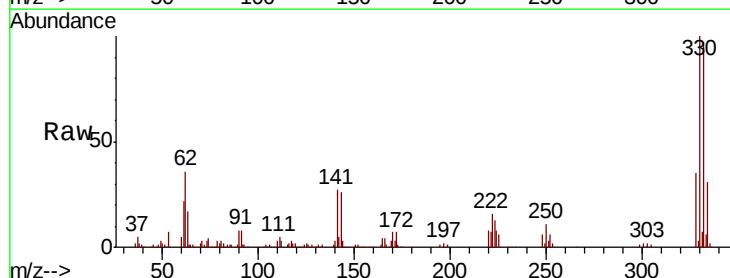
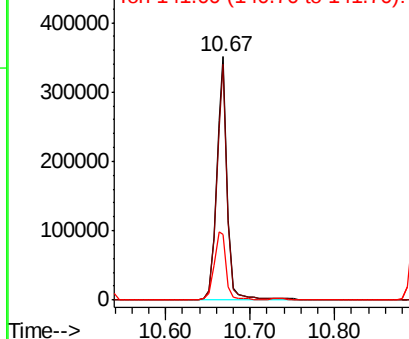
Delta R.T. -0.01 min

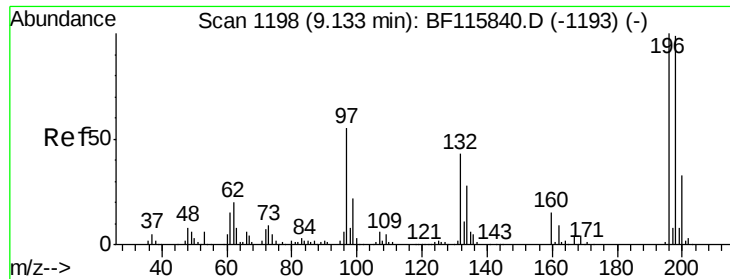
Lab File: BF116064.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	97.5	76.8	115.2		
141	32.1	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





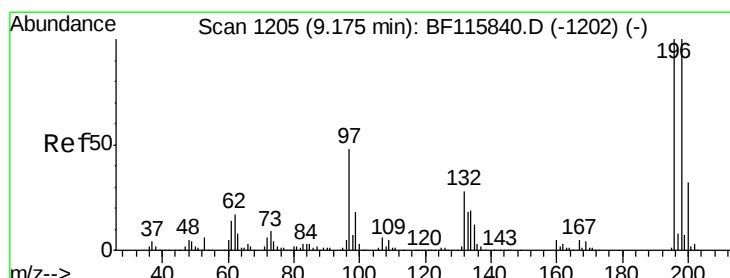
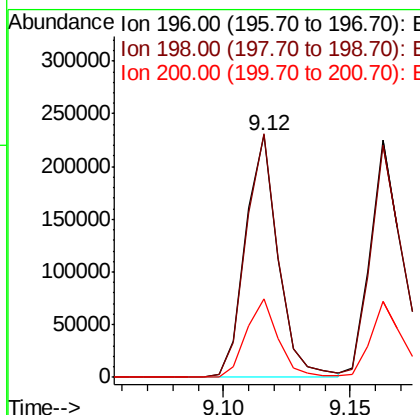
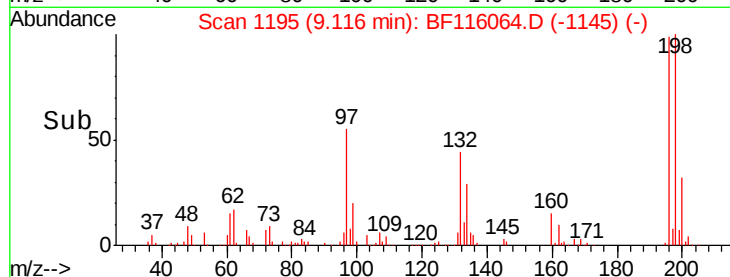
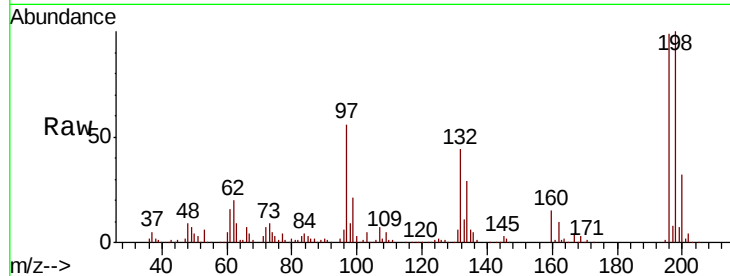
#43
 2,4,6-Trichlorophenol
 Concen: 36.876 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	207594		
198	100.7	79.2	118.8	
200	32.4	25.2	37.8	

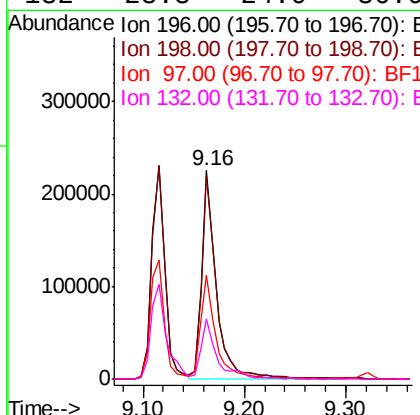
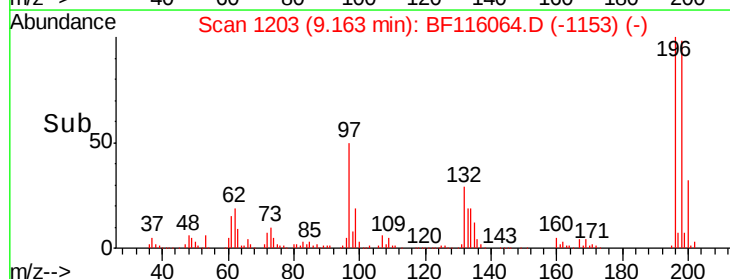
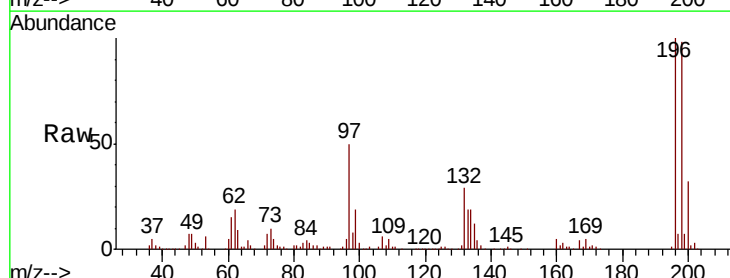
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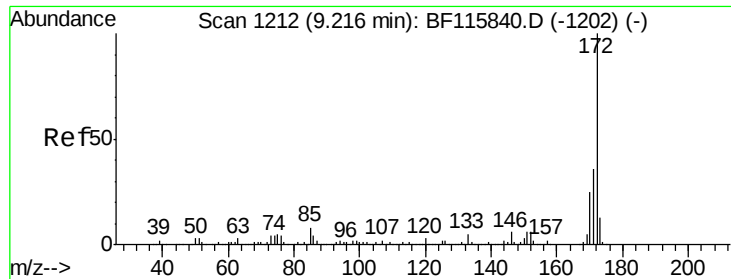
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#44
 2,4,5-Trichlorophenol
 Concen: 38.504 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	224063		
198	97.7	78.8	118.2	
97	50.0	42.2	63.4	
132	28.8	24.0	36.0	





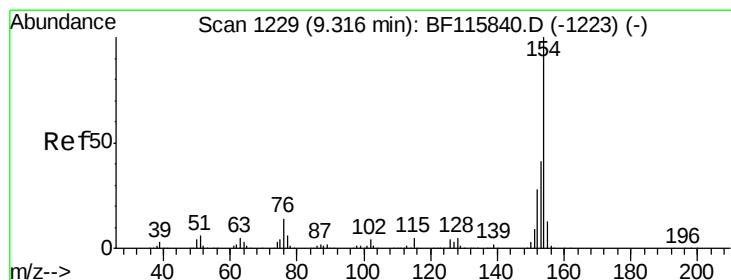
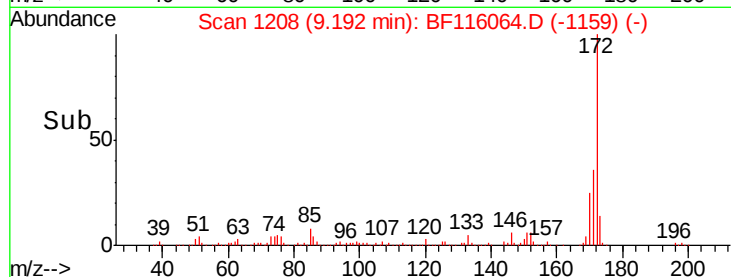
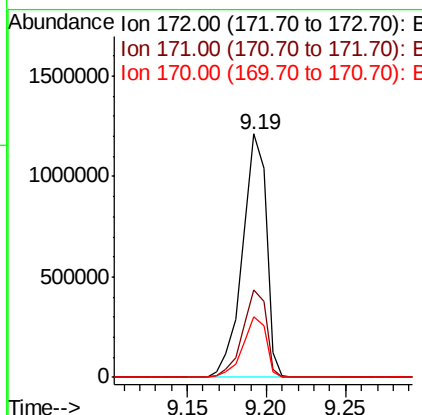
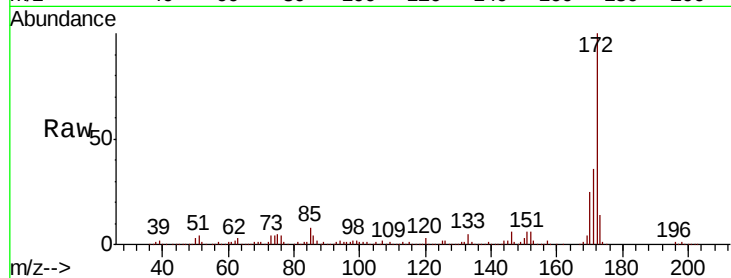
#45
2-Fluorobiphenyl
Concen: 77.442 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.7	20.1	30.1

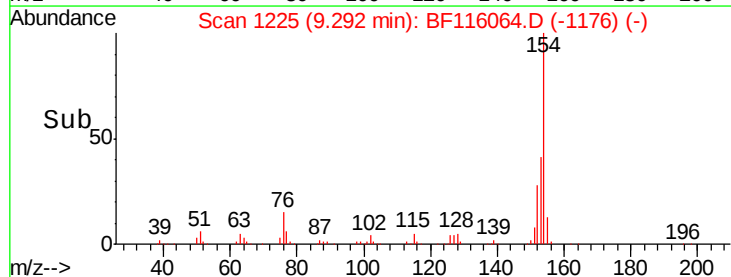
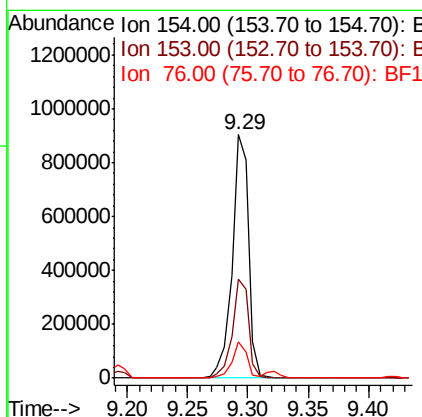
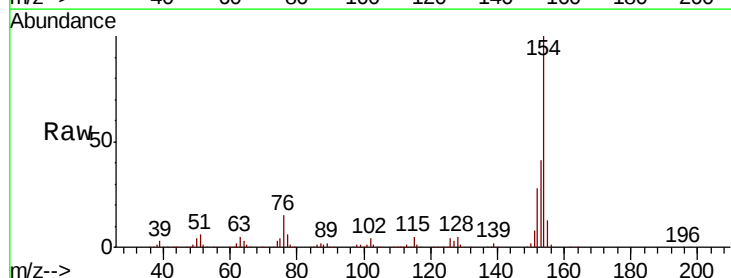
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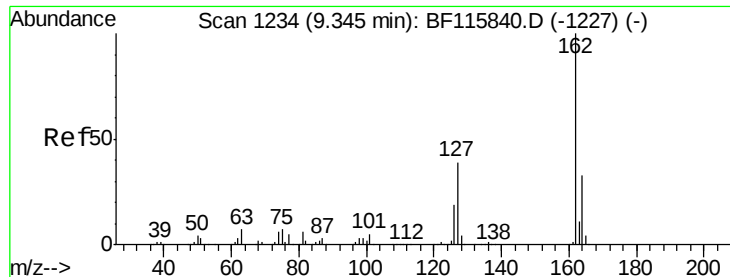
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#46
1,1'-Biphenyl
Concen: 39.394 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.4	61.4
76	14.7	0.0	35.2





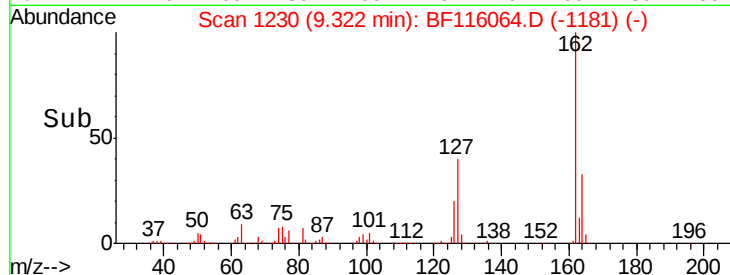
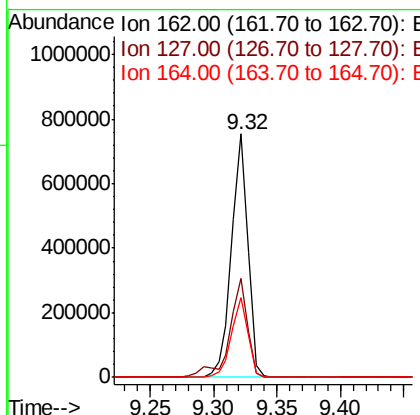
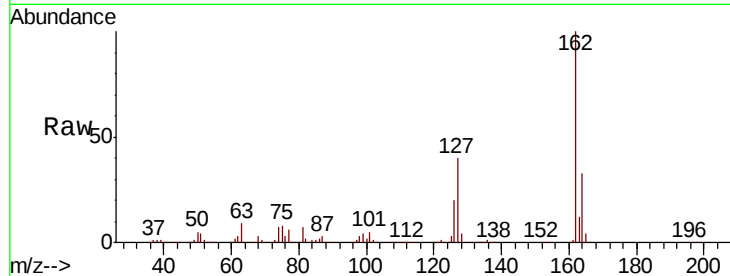
#47
 2-Chloronaphthalene
 Concen: 37.292 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.5	32.8	49.2		
164	32.8	26.6	39.8		

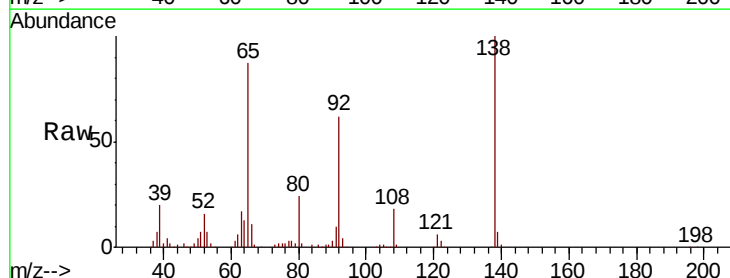
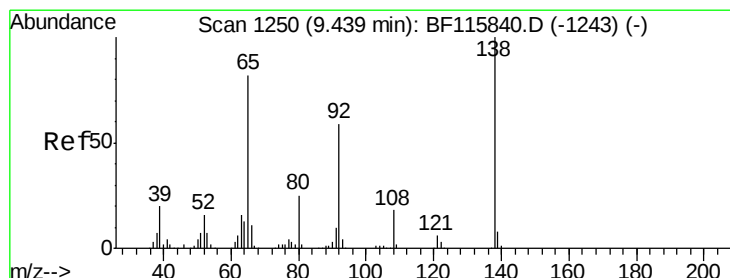
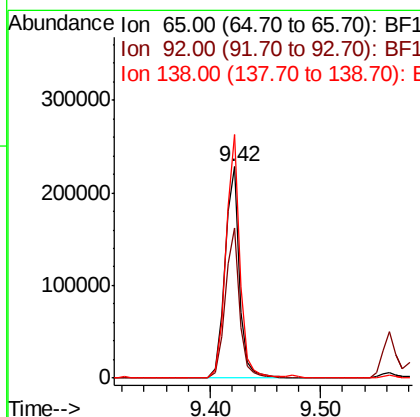
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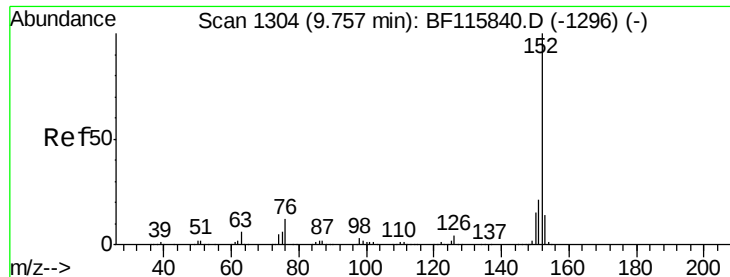
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#48
 2-Nitroaniline
 Concen: 35.491 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	71.0	57.8	86.8		
138	115.2	94.0	141.0		





#49

Acenaphthylene

Concen: 38.497 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

ClientSampled :

PB122055BSD

Tot Ion:152 Resp: 1009629

Ion Ratio Lower Upper

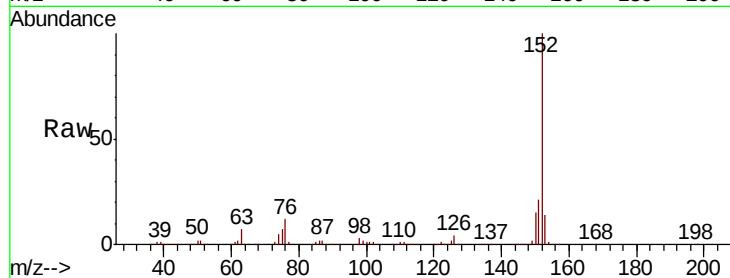
152 100

151 20.7 17.2 25.8

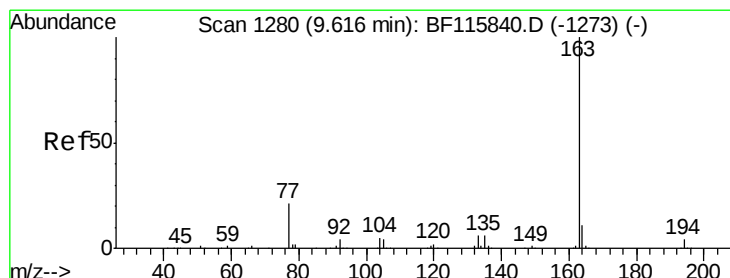
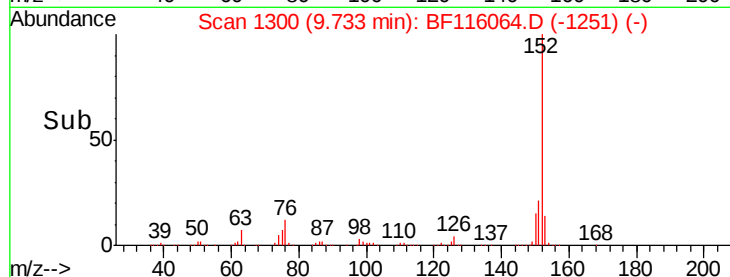
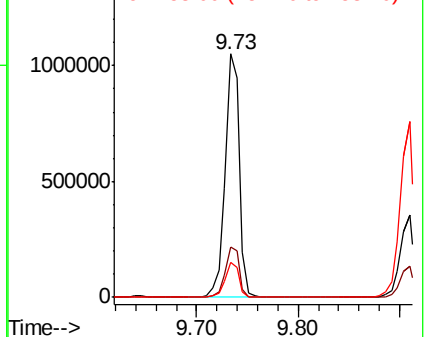
153 14.2 11.8 17.8

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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: 38.608 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

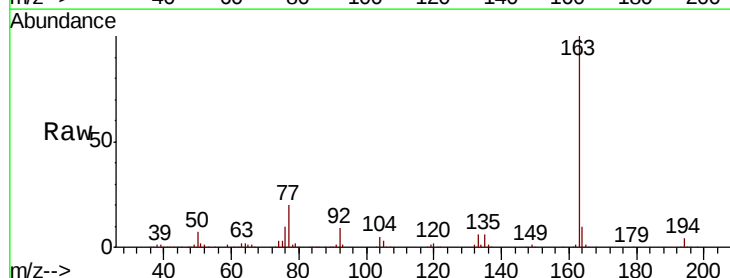
Tgt Ion:163 Resp: 804215

Ion Ratio Lower Upper

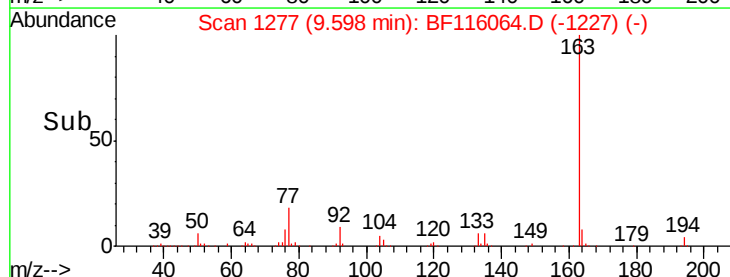
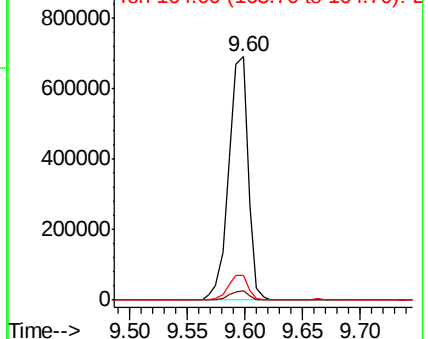
163 100

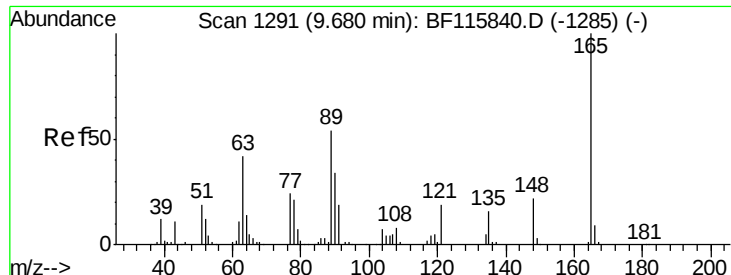
194 3.9 3.0 4.6

164 9.9 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: 39.455 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

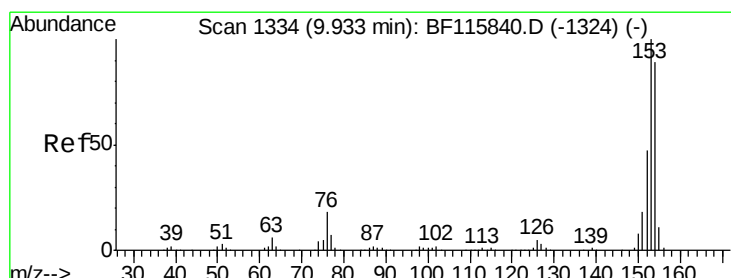
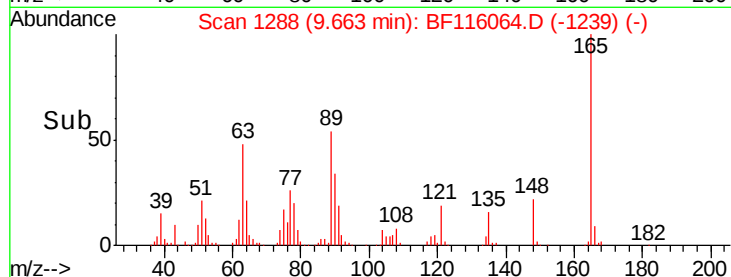
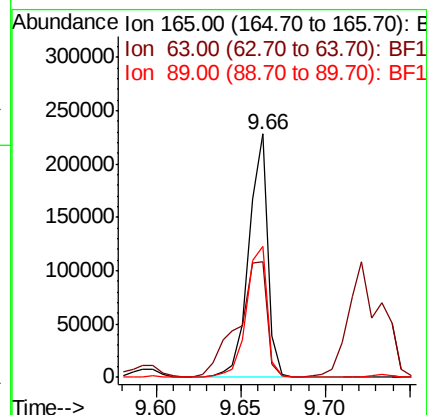
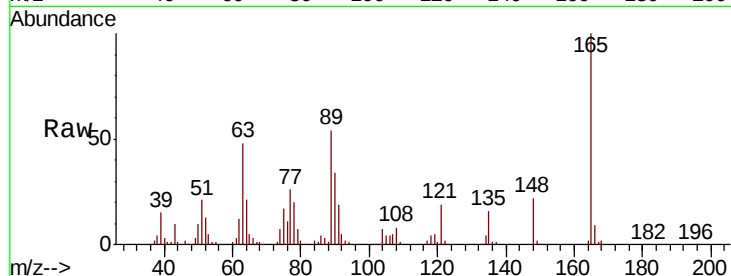
ClientSampleId :

PB122055BSD

Tot Ion:	165	Resp:	178607
Ion Ratio	Lower	Upper	
165	100		
63	47.6	38.2	57.2
89	53.7	42.9	64.3

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#52

Acenaphthene

Concen: 38.031 ng

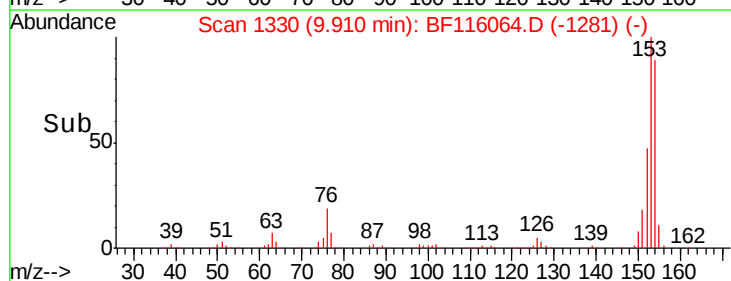
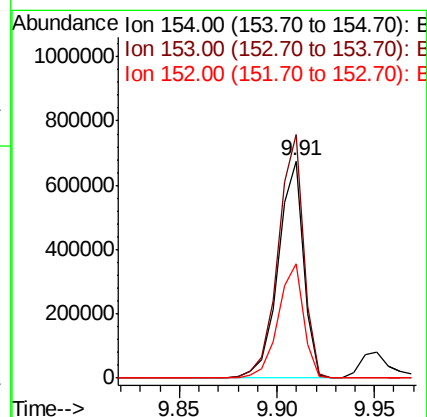
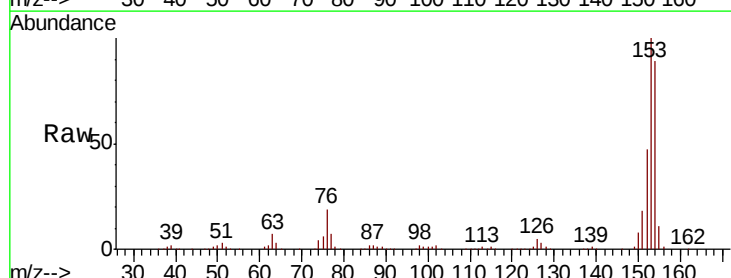
RT: 9.91 min Scan# 1330

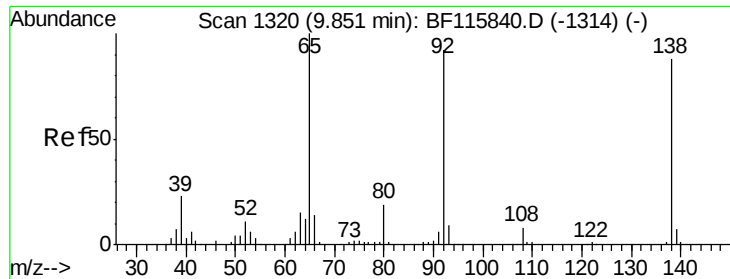
Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Tgt Ion:	154	Resp:	611893
Ion Ratio	Lower	Upper	
154	100		
153	112.3	89.4	134.0
152	52.7	42.3	63.5





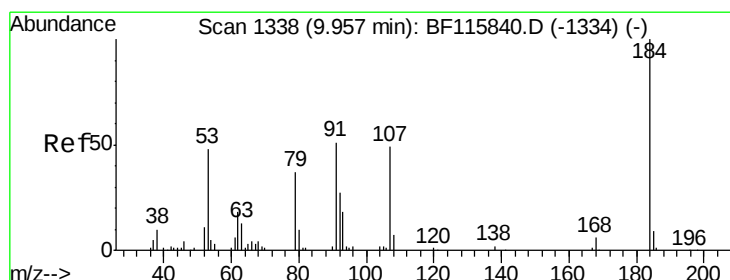
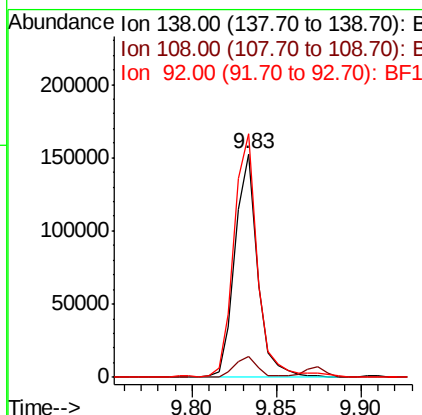
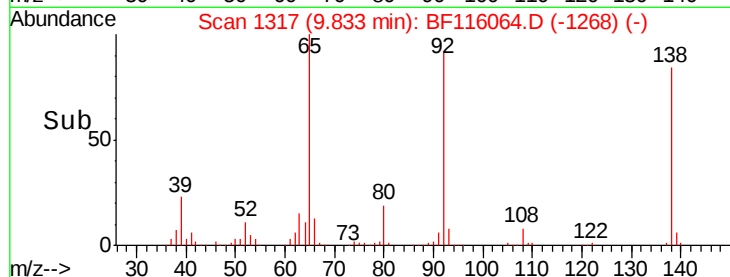
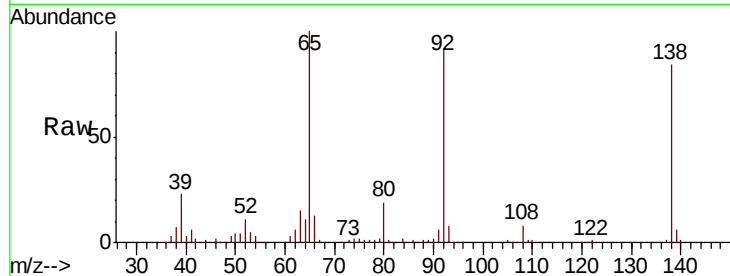
#53
3-Nitroaniline
Concen: 25.515 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	142716		
108	9.5	8.0	12.0	
92	109.1	91.0	136.6	

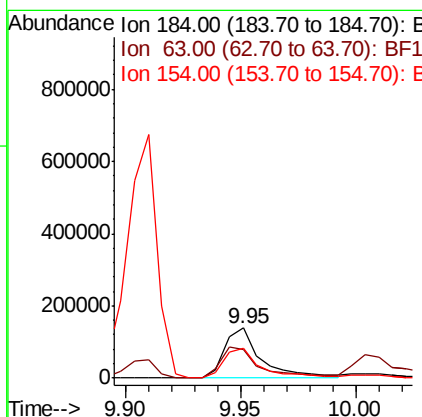
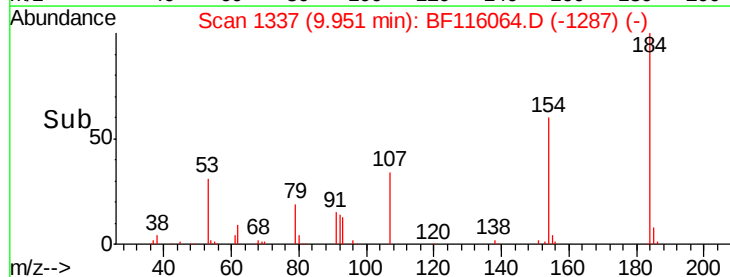
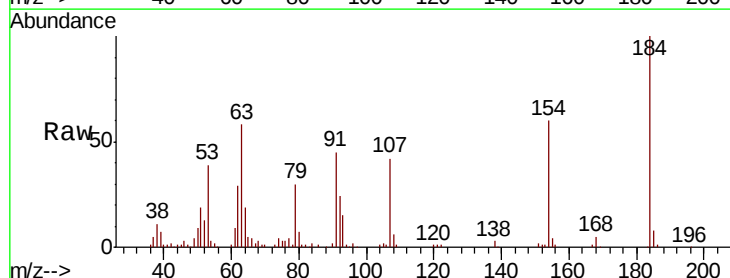
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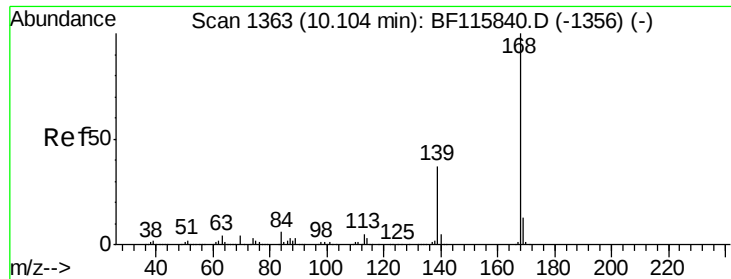
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#54
2,4-Dinitrophenol
Concen: 67.921 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	153371		
63	58.3	53.0	79.4	
154	60.0	50.1	75.1	





#55

Dibenzofuran

Concen: 38.381 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

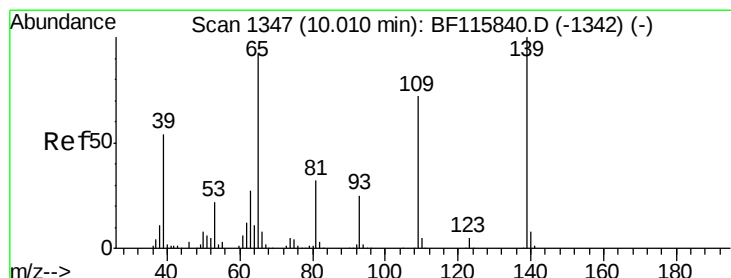
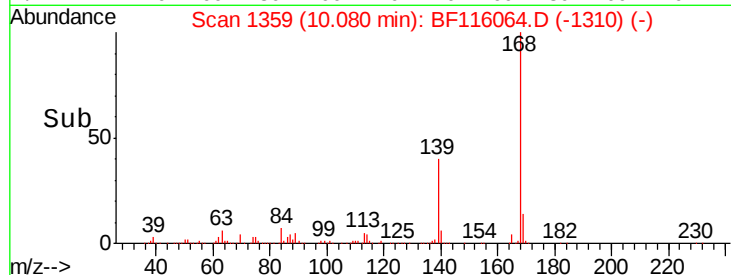
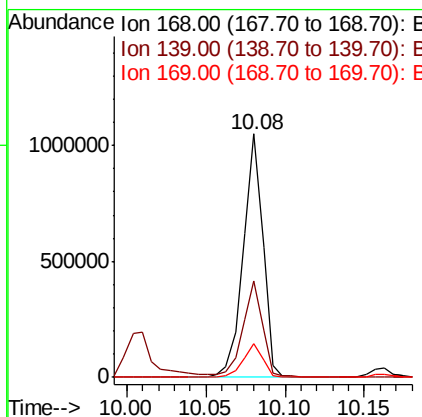
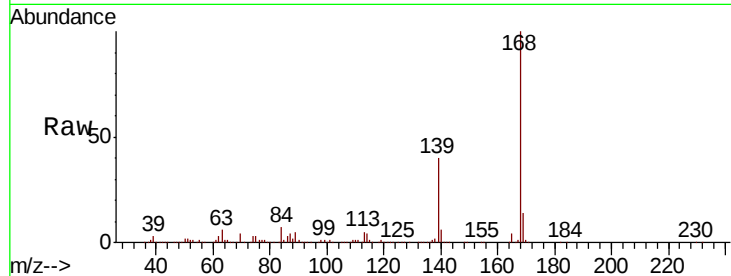
ClientSampleId :

PB122055BSD

Tot Ion:	168	Resp:	898027
Ion Ratio	Lower	Upper	
168	100		
139	39.9	31.4	47.2
169	13.8	10.9	16.3

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#56

4-Nitrophenol

Concen: 66.505 ng

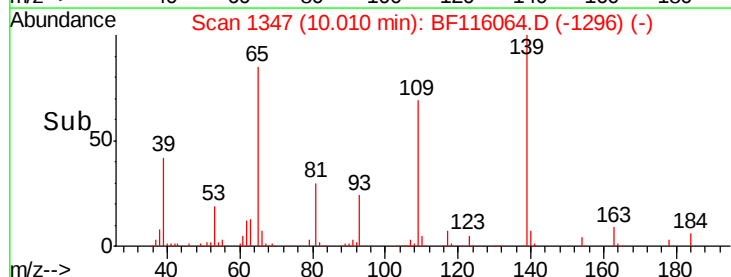
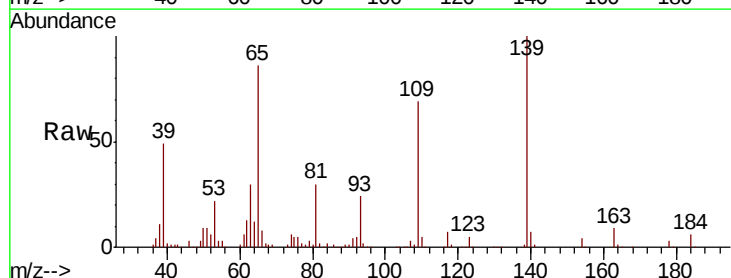
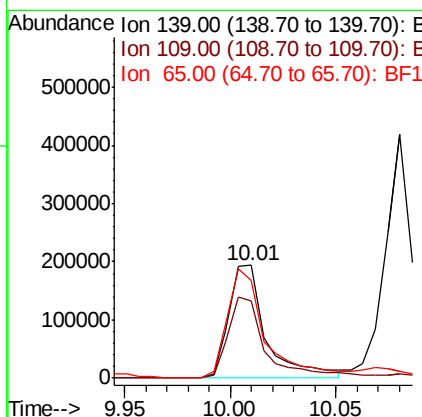
RT: 10.01 min Scan# 1347

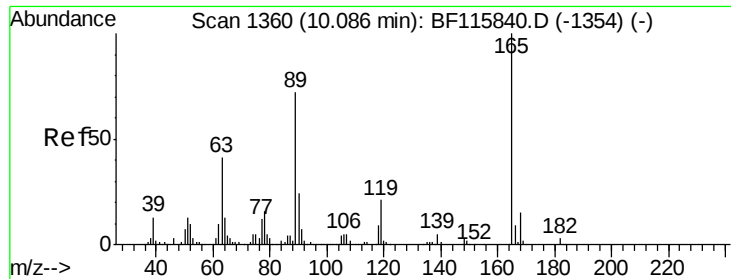
Delta R.T. -0.00 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Tgt Ion:	139	Resp:	238300
Ion Ratio	Lower	Upper	
139	100		
109	68.7	54.4	94.4
65	86.3	80.6	120.6





#57

2,4-Dinitrotoluene

Concen: 38.391 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

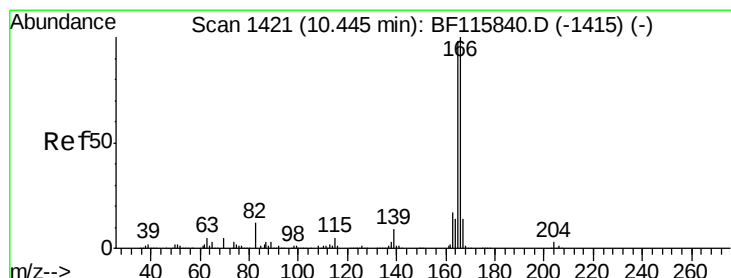
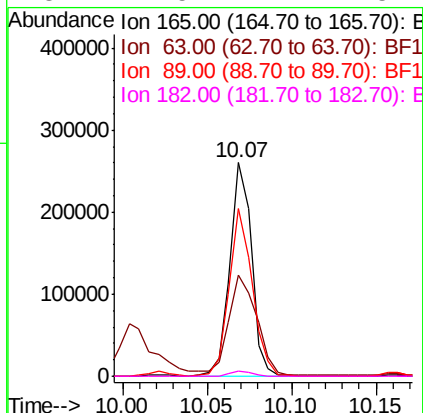
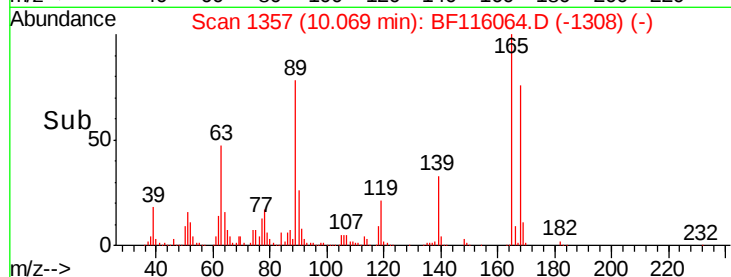
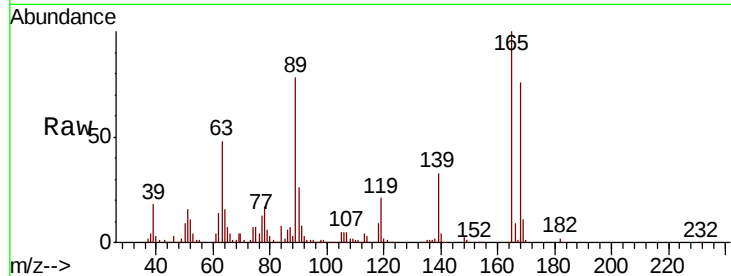
ClientSampleId :

PB122055BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	231384		
63	47.6	39.6	59.4	
89	78.4	62.2	93.2	
182	2.5	2.1	3.1	

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#58

Fluorene

Concen: 39.681 ng

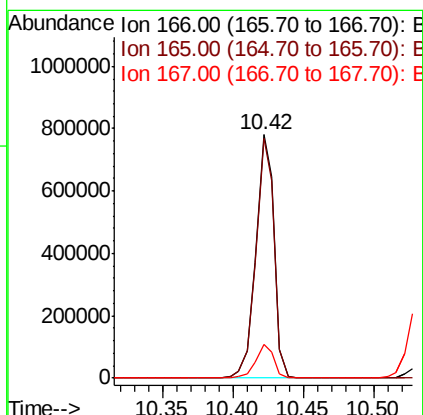
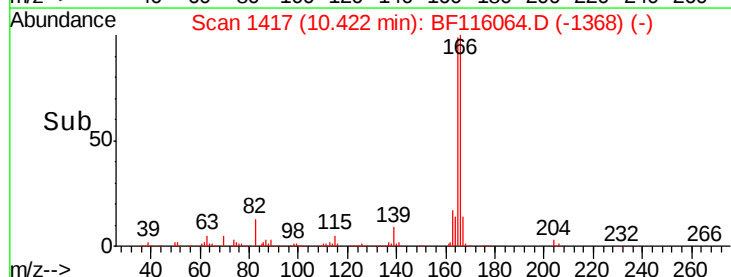
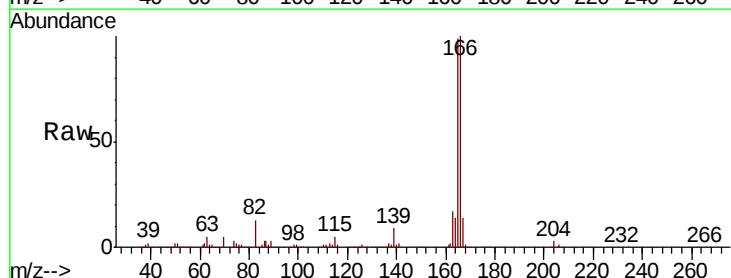
RT: 10.42 min Scan# 1417

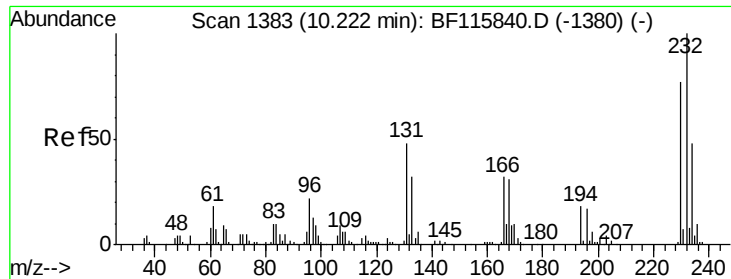
Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	714328		
165	98.5	78.4	117.6	
167	13.9	11.0	16.4	





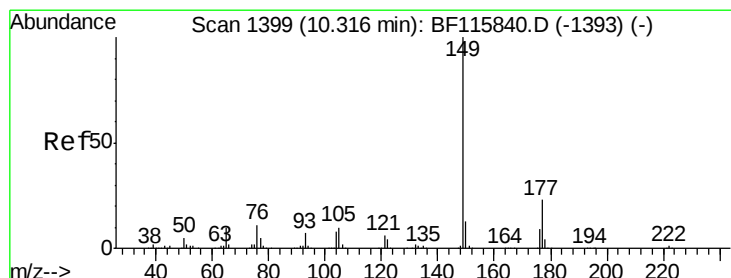
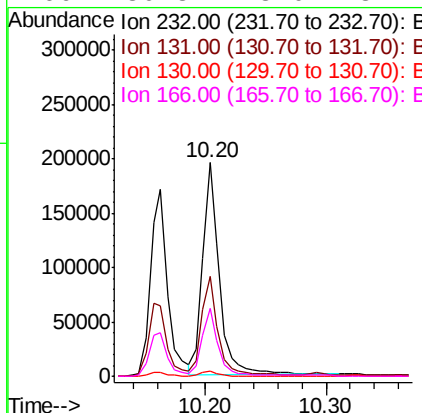
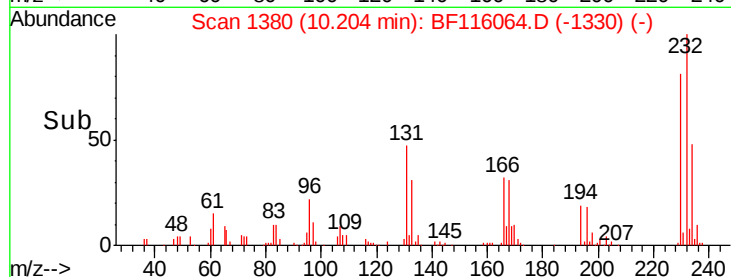
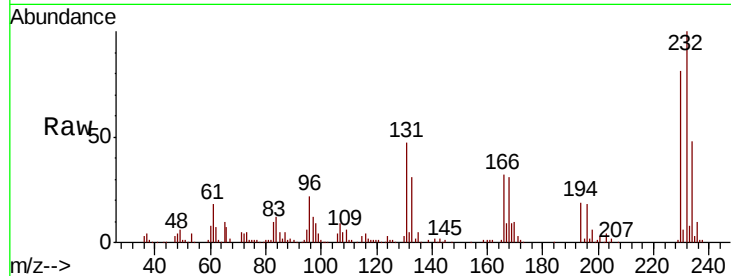
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.698 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		189459		
131	44.9	36.2	54.2		
130	2.5	1.9	2.9		
166	30.3	23.0	34.4		

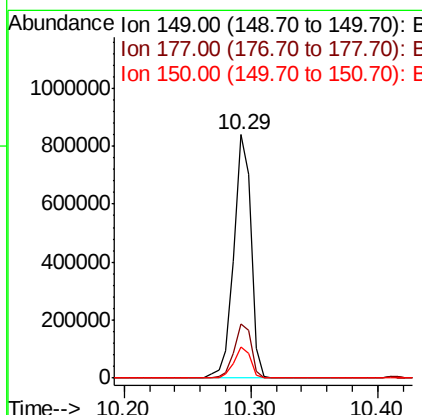
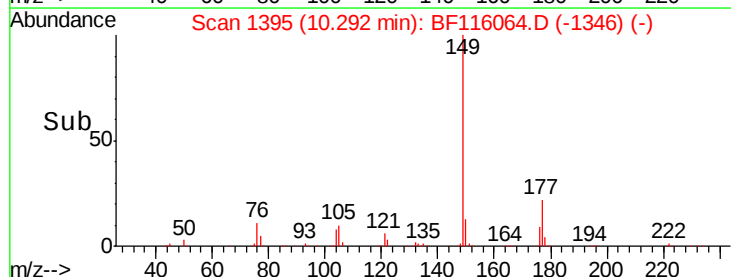
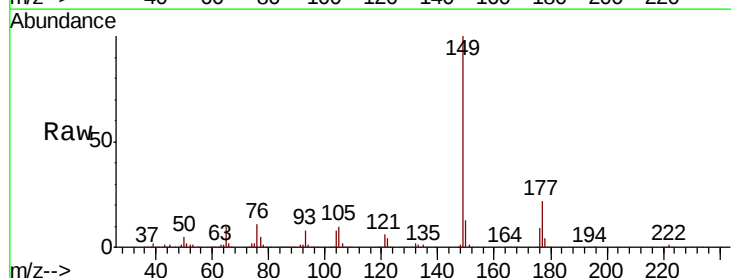
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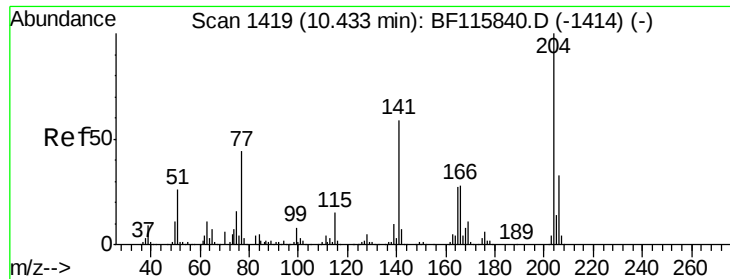
mohammad
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#60
 Diethylphthalate
 Concen: 39.899 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		775945		
177	22.5	18.8	28.2		
150	12.9	10.2	15.4		





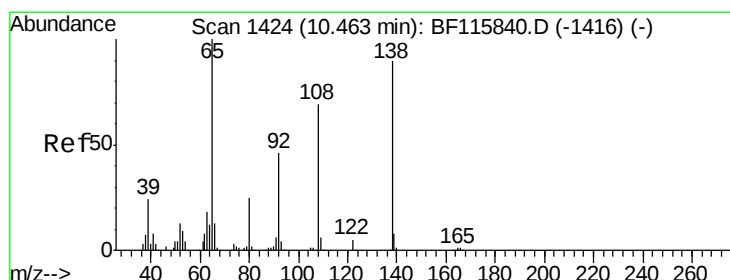
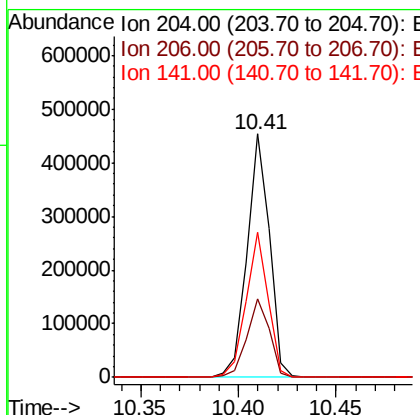
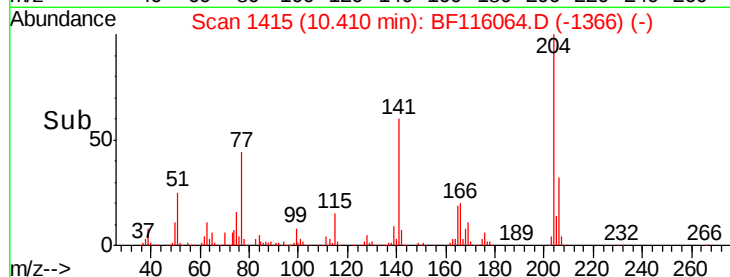
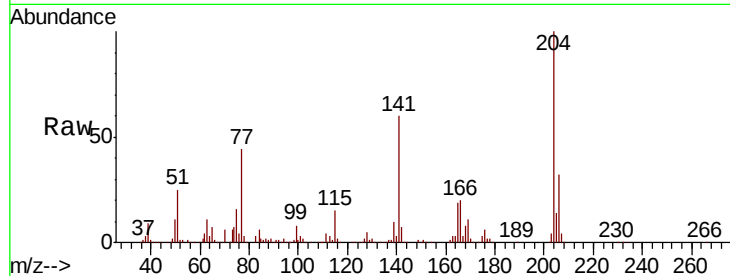
#61
4-Chlorophenyl-phenylether
Concen: 39.506 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	360182		
206	32.3	26.4	39.6	
141	59.5	46.4	69.6	

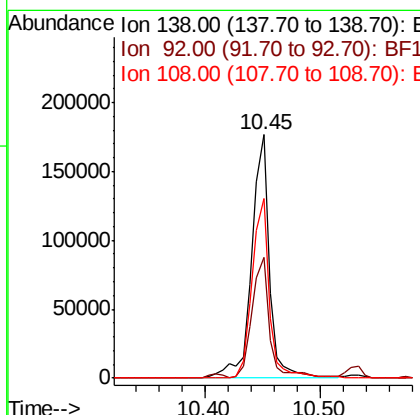
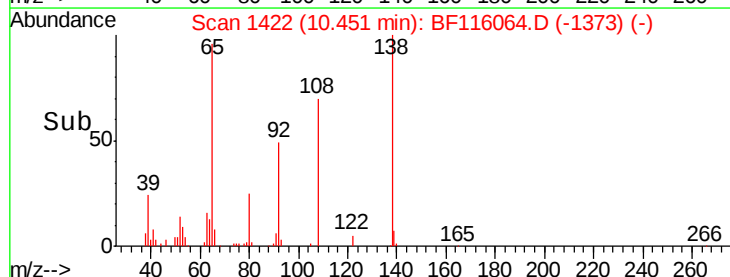
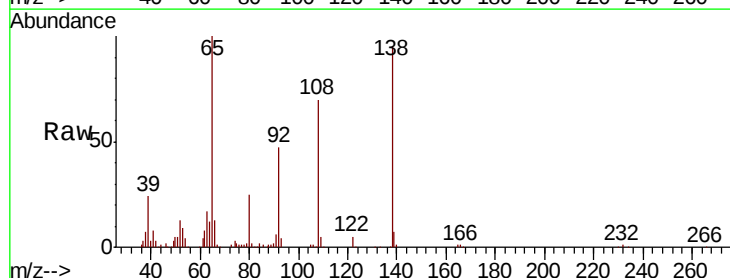
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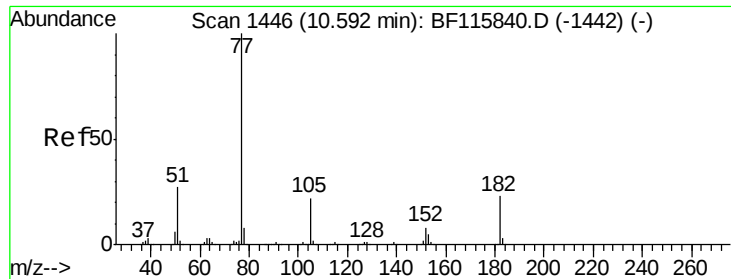
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#62
4-Nitroaniline
Concen: 32.692 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	188975		
92	49.4	29.0	69.0	
108	73.7	54.7	94.7	





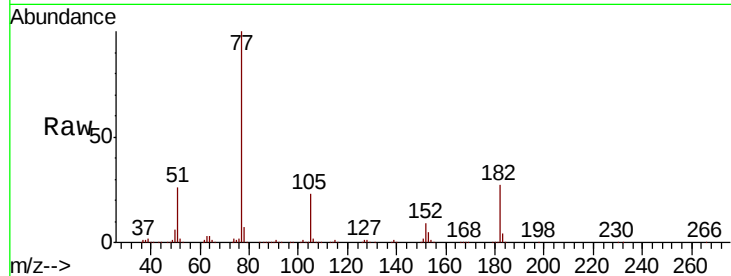
#63
Azobenzene
Concen: 39.106 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

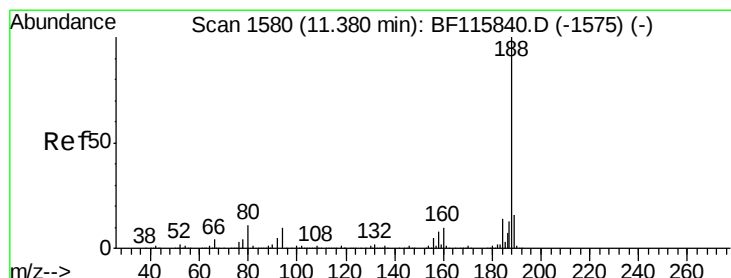
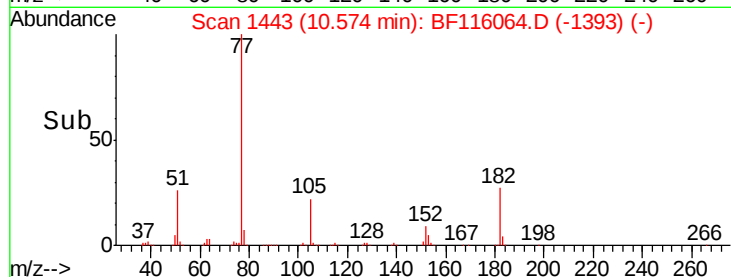
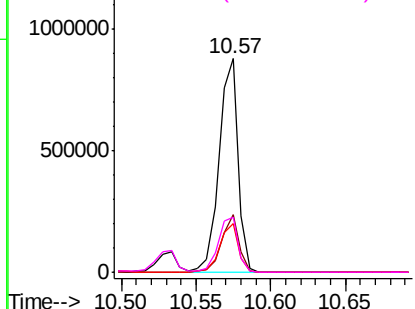
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.1	4.0	44.0		
105	23.0	2.0	42.0		
51	26.1	7.5	47.5		

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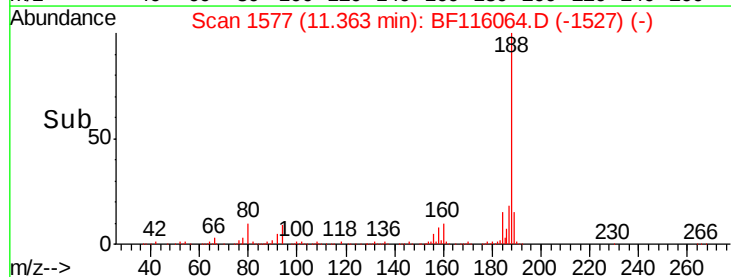
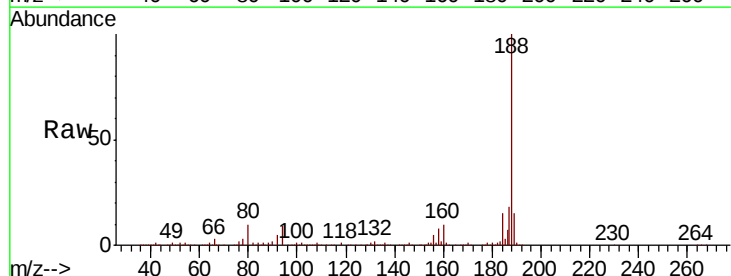
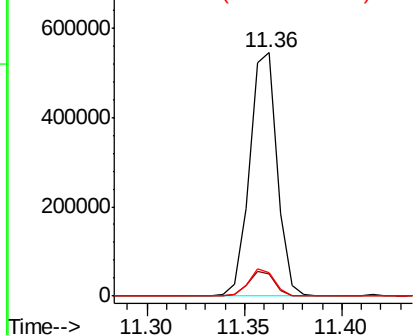
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

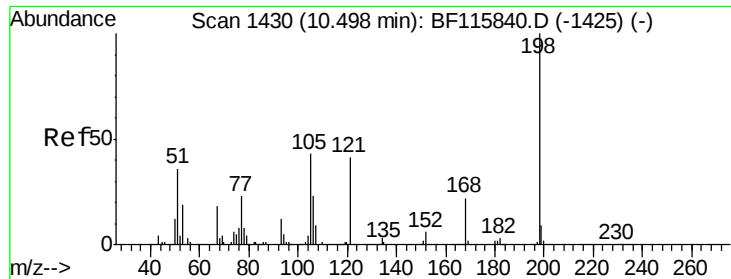


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.2	8.1	12.1		
80	9.7	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: 41.038 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

ClientSampleId :

PB122055BSD

Tot Ion:198 Resp: 115928

Ion Ratio Lower Upper

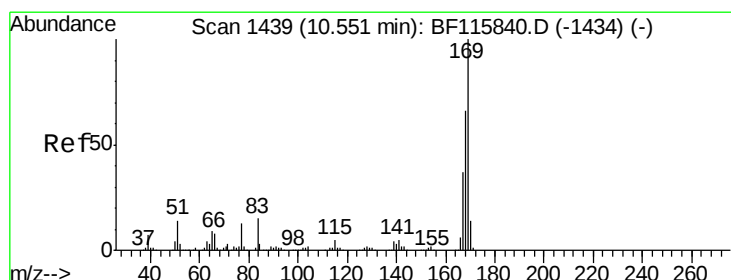
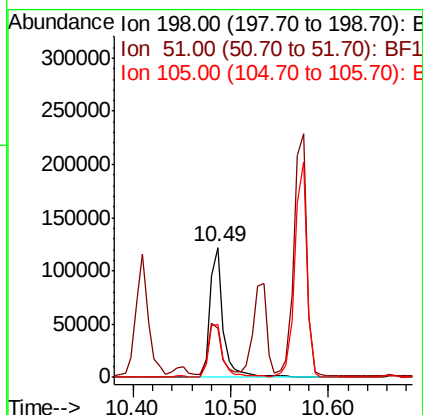
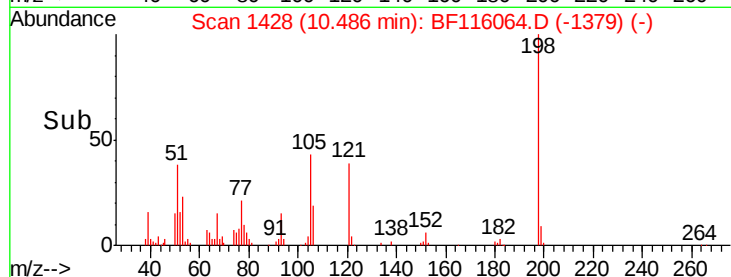
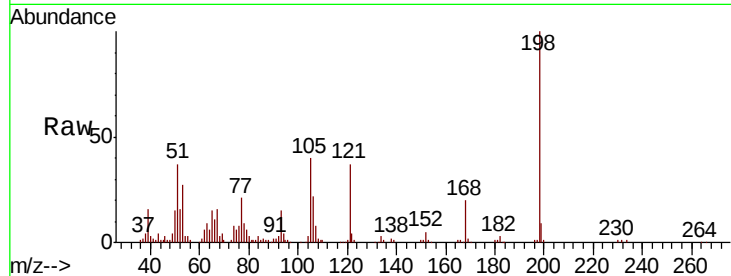
198 100

51 37.3 17.0 57.0

105 40.3 21.6 61.6

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#66

n-Nitrosodiphenylamine

Concen: 39.862 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

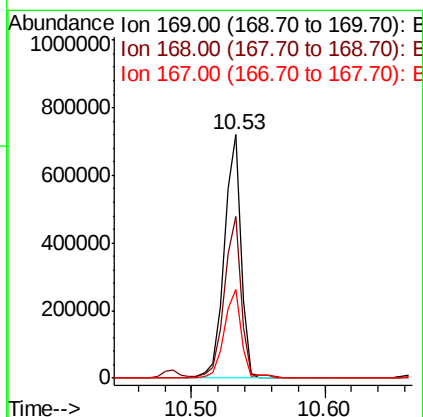
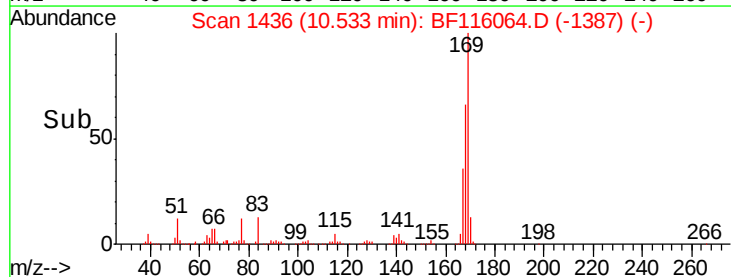
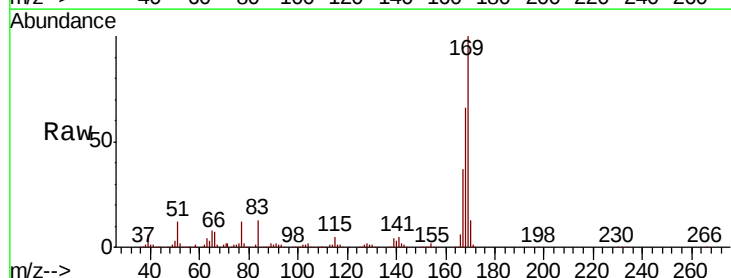
Tgt Ion:169 Resp: 639564

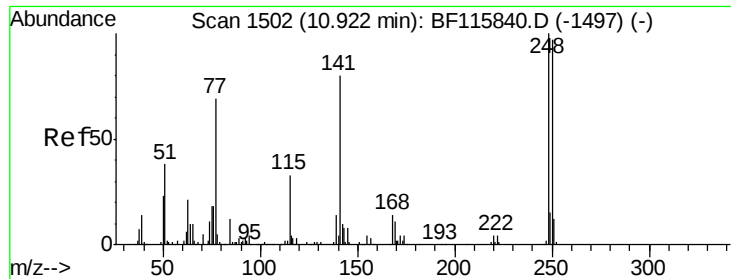
Ion Ratio Lower Upper

169 100

168 66.4 53.8 80.6

167 36.5 29.6 44.4





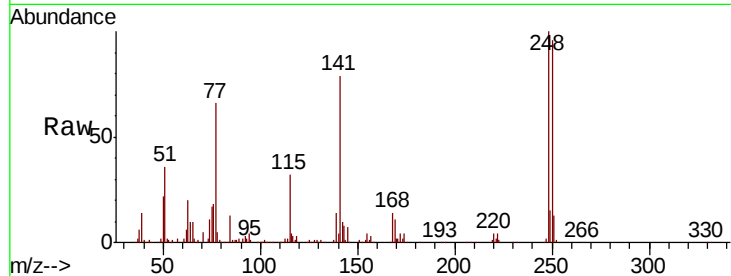
#67
4-Bromophenyl-phenylether
Concen: 38.798 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.4	116.2
141	79.1	56.8	85.2

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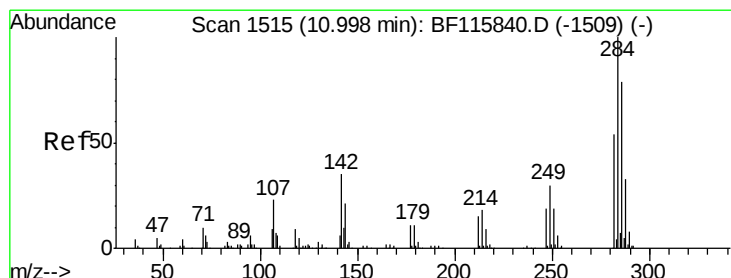
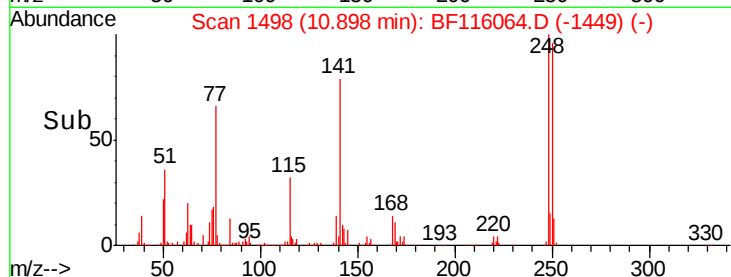
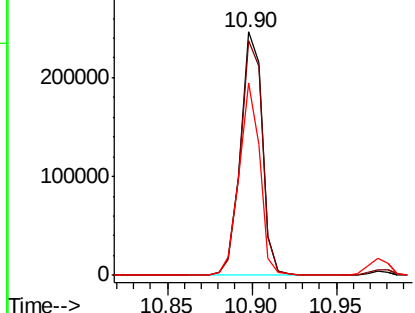


Abundance

Ion 248.00 (247.70 to 248.70): E

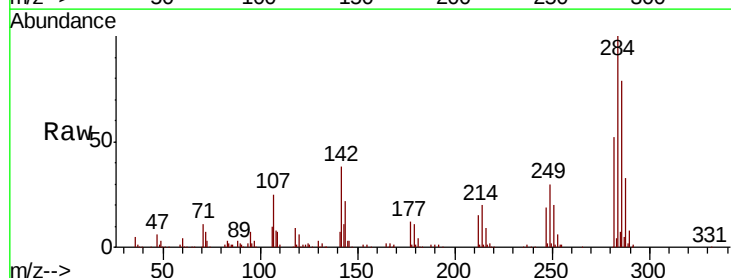
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.668 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	28.4	42.6
249	30.4	24.5	36.7

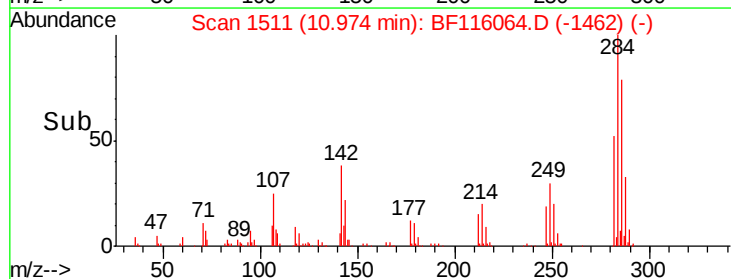
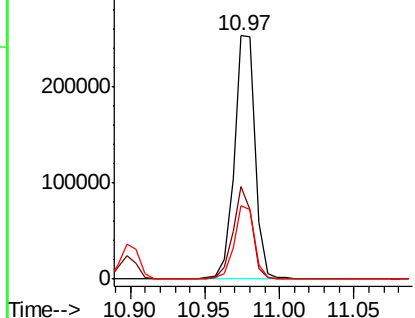


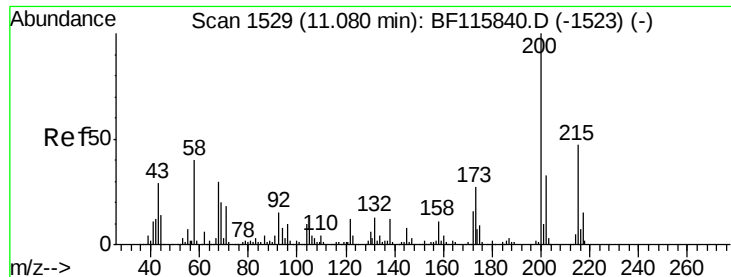
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





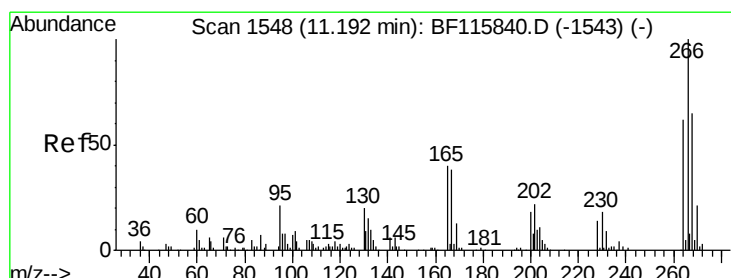
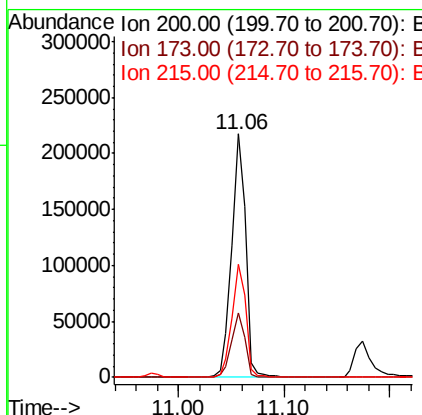
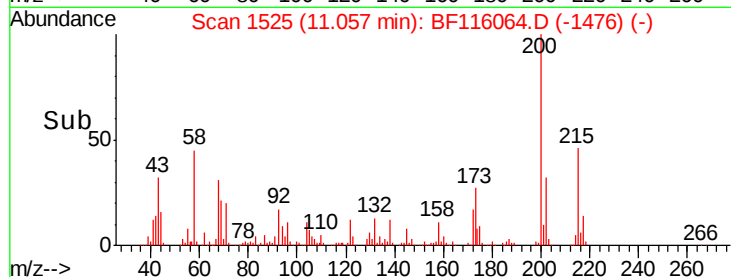
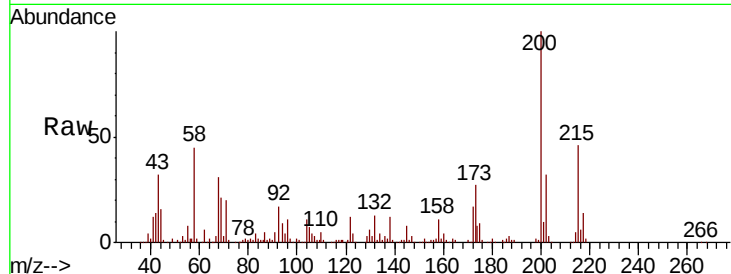
#69
Atrazine
Concen: 37.591 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	198421		
173	26.5	6.8	46.8	
215	46.3	27.5	67.5	

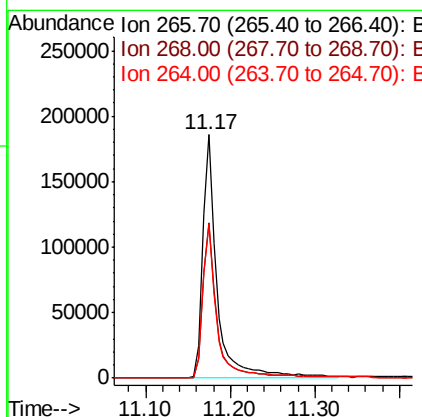
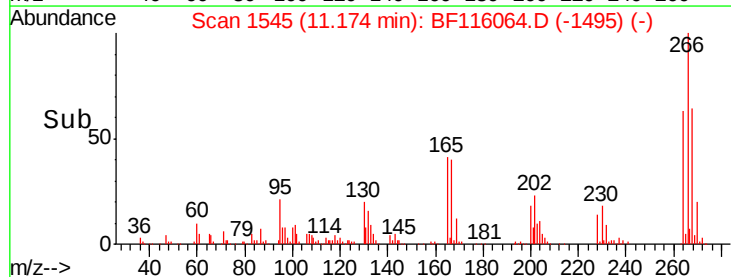
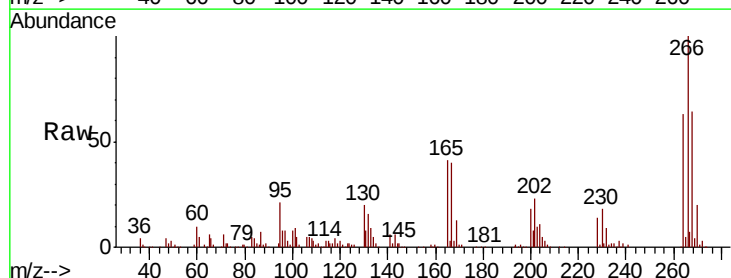
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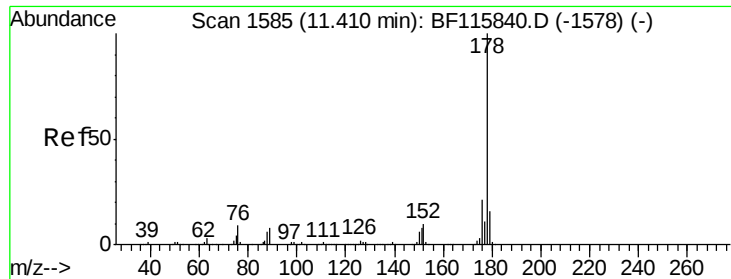
mohammad
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#70
Pentachlorophenol
Concen: 68.926 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	220810		
268	64.0	48.8	73.2	
264	63.2	50.6	76.0	





#71

Phenanthrene

Concen: 38.501 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

ClientSampleId :

PB122055BSD

Tot Ion:178 Resp: 1049204

Ion Ratio Lower Upper

178 100

176 20.7 16.6 24.8

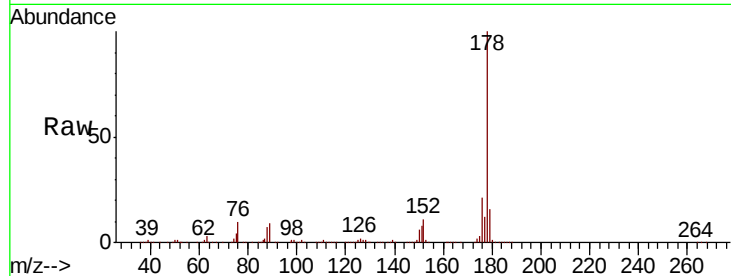
179 15.9 12.5 18.7

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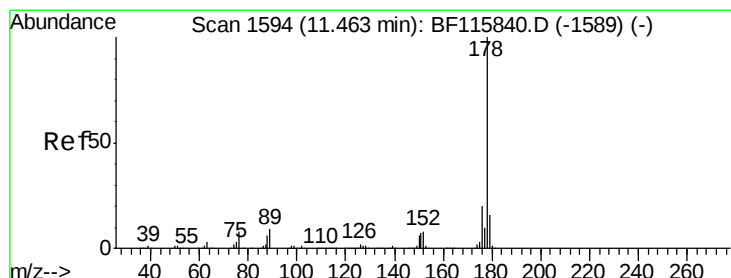
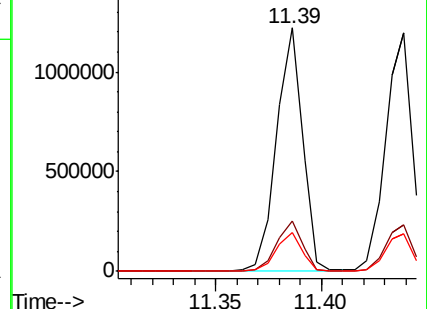
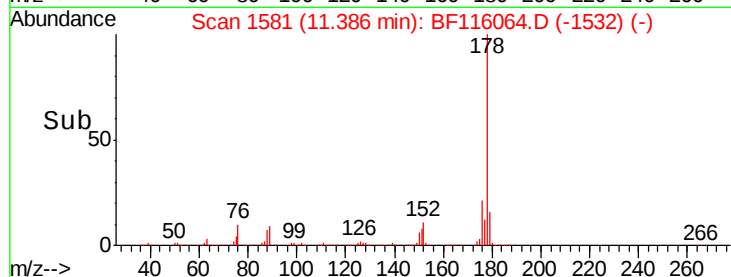
8/14/2019 9:21:20 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.228 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

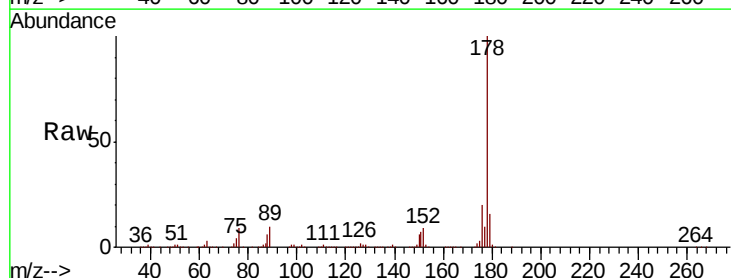
Tgt Ion:178 Resp: 1081885

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

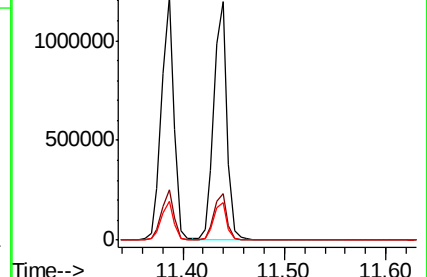
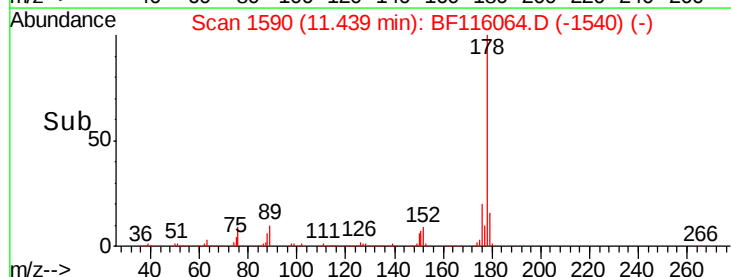
179 15.6 13.0 19.6

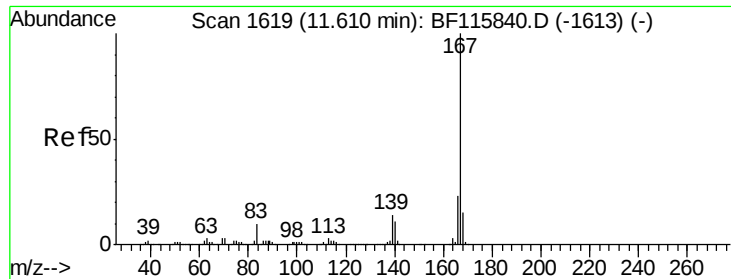


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





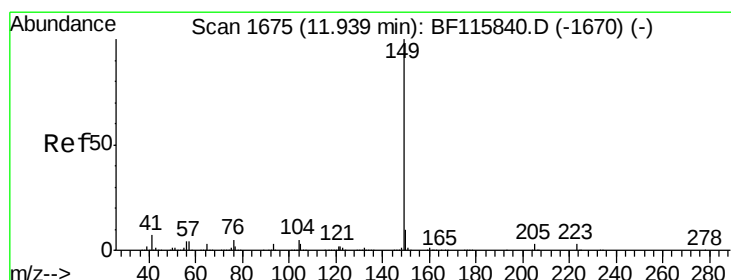
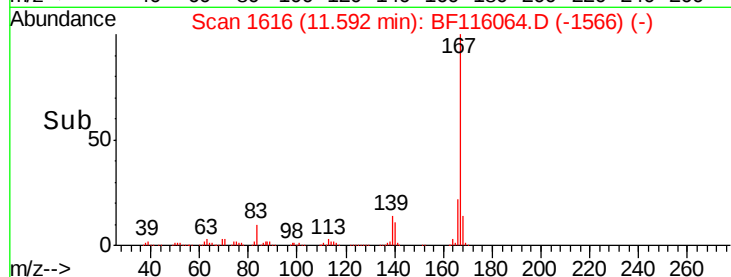
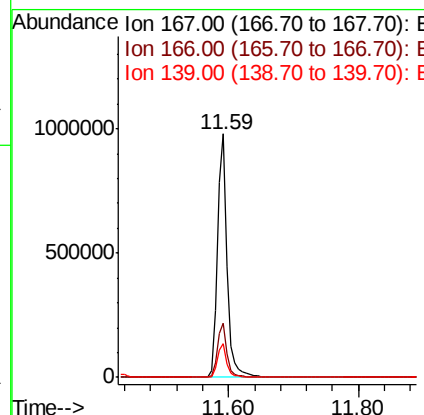
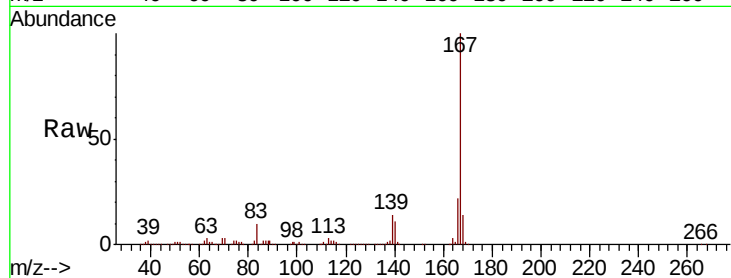
#73
 Carbazole
 Concen: 39.671 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	13.7	11.4	17.0

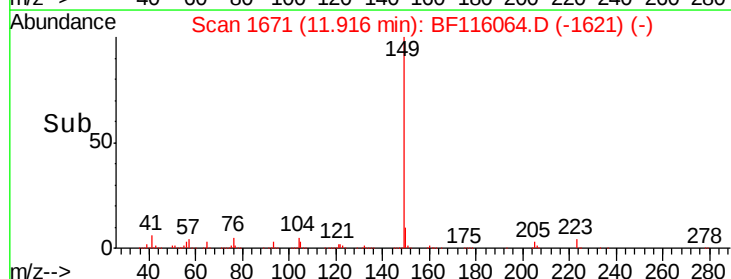
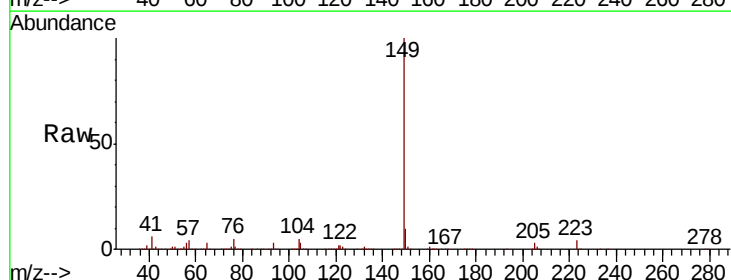
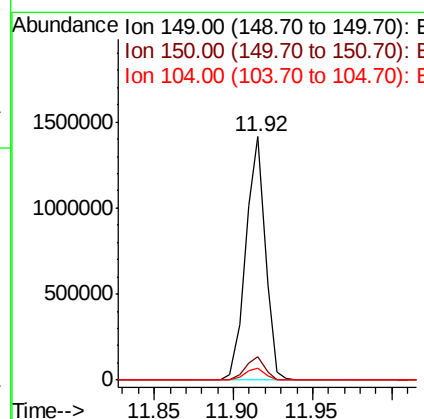
Manual Integrations
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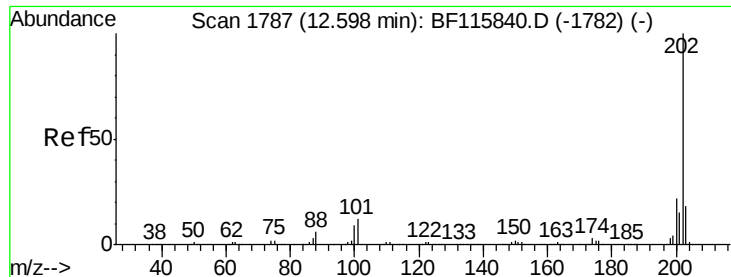
mohammad
 8/14/2019 9:21:20 AM



#74
 Di-n-butylphthalate
 Concen: 41.335 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.0	12.0
104	5.2	4.5	6.7





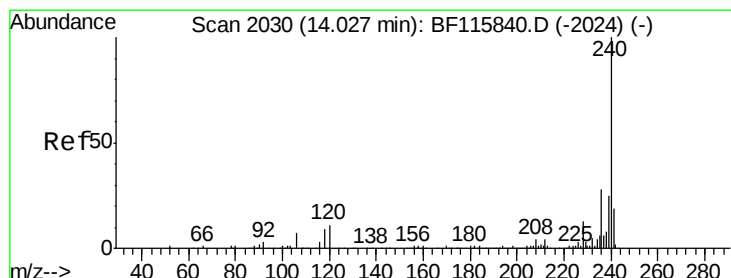
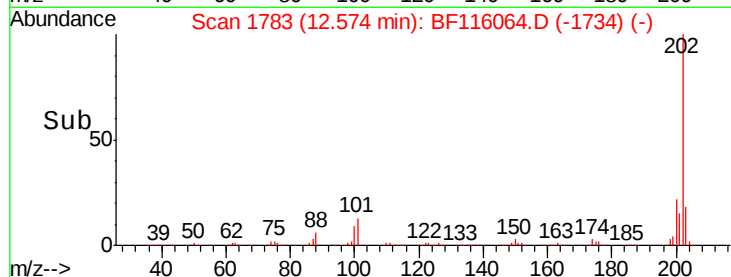
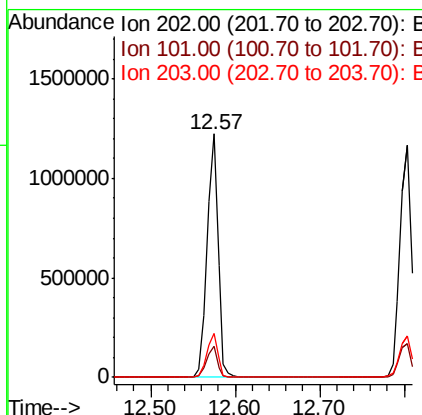
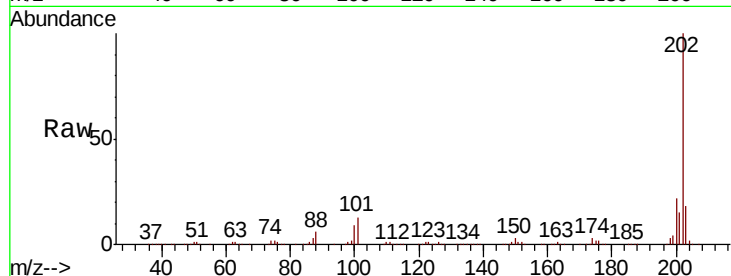
#75
Fluoranthene
Concen: 38.878 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1109172		
101	12.6		0.0	31.2
203	18.0		0.0	37.8

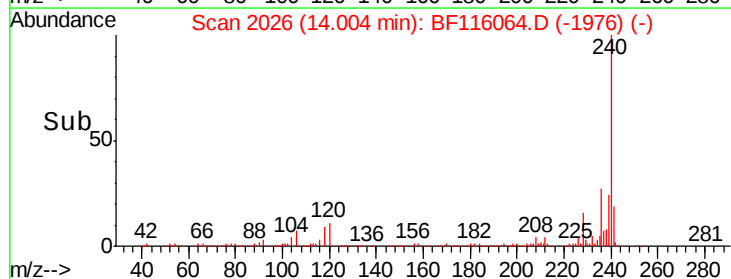
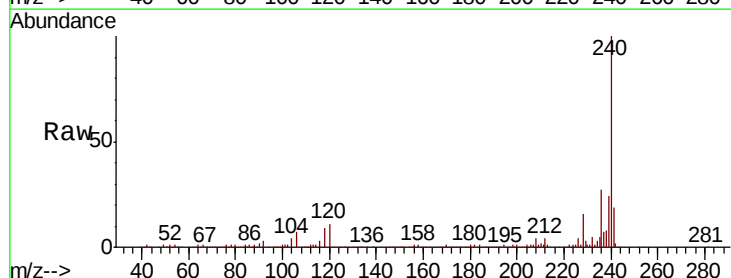
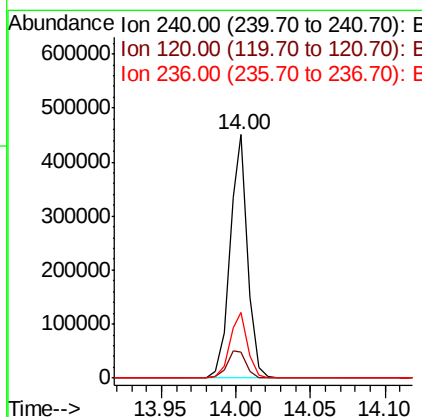
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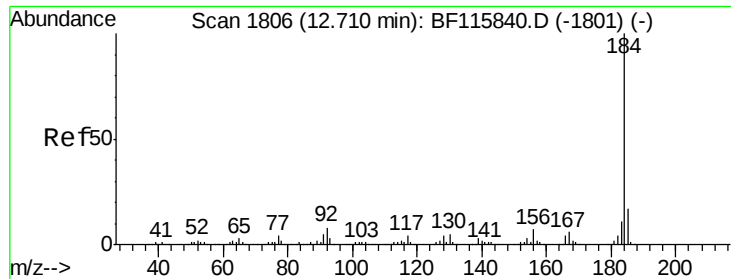
mohammad
8/14/2019 9:21:20 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	375857		
120	10.6		10.7	16.1#
236	27.2		22.2	33.2





#77

Benzidine

Concen: 24.723 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

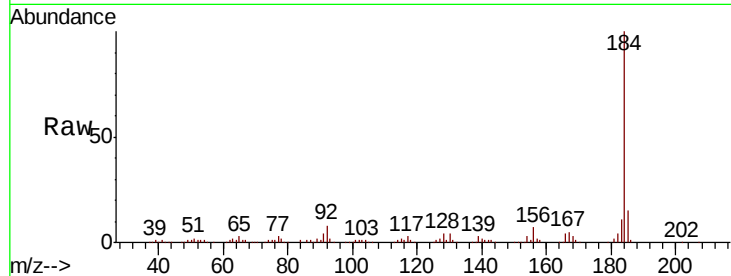
ClientSampleId :

PB122055BSD

Tot Ion:	184	Resp:	313935
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.8	19.2
183	11.0	9.4	14.0

Manual Integrations
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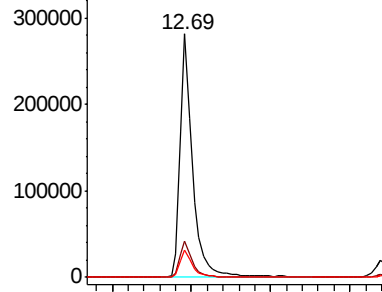
mohammad
8/14/2019 9:21:20 AM



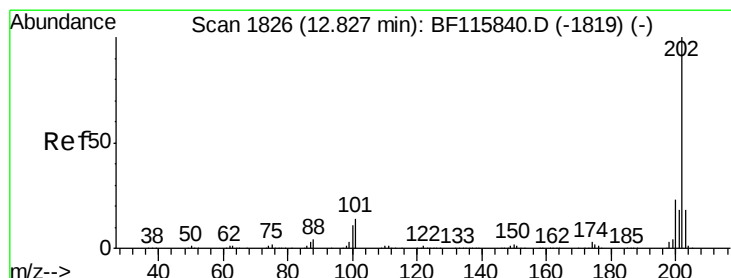
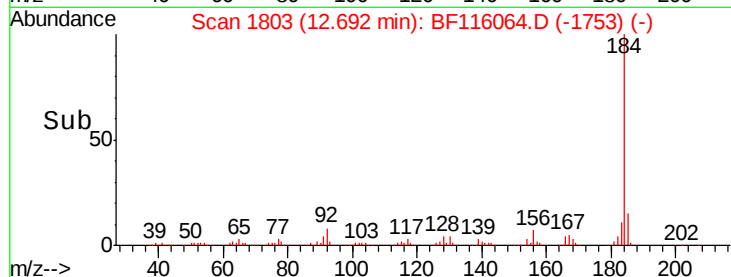
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 39.852 ng

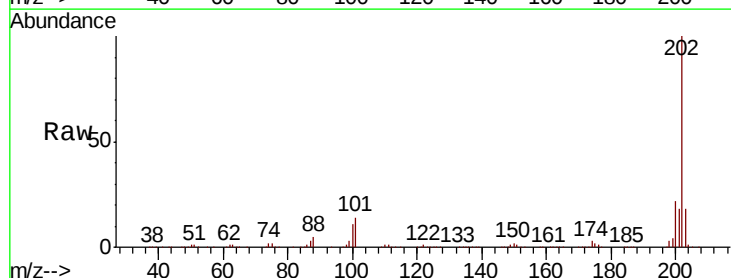
RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

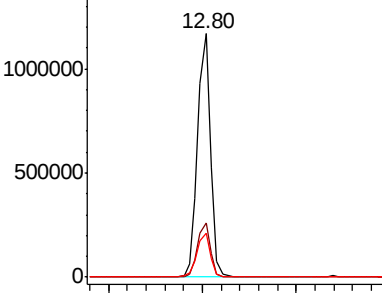
Tgt Ion:	202	Resp:	1129126
Ion Ratio	Lower	Upper	
202	100		
200	22.5	18.0	27.0
203	17.8	14.1	21.1



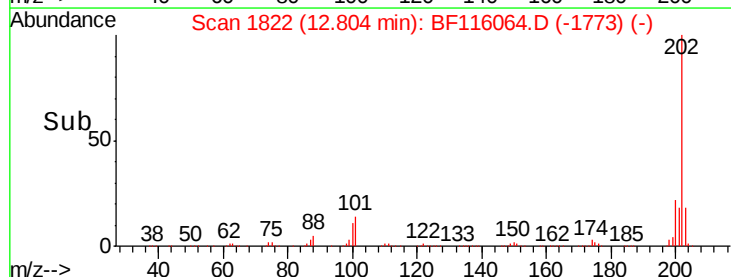
Abundance Ion 202.00 (201.70 to 202.70): E

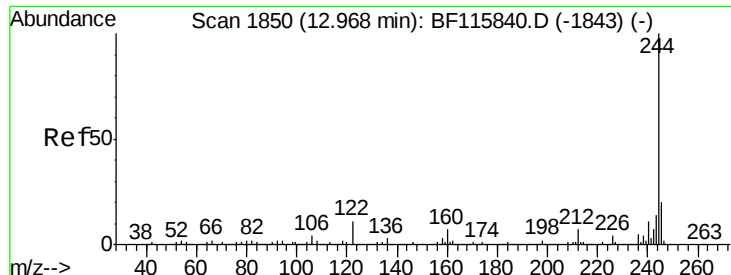
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





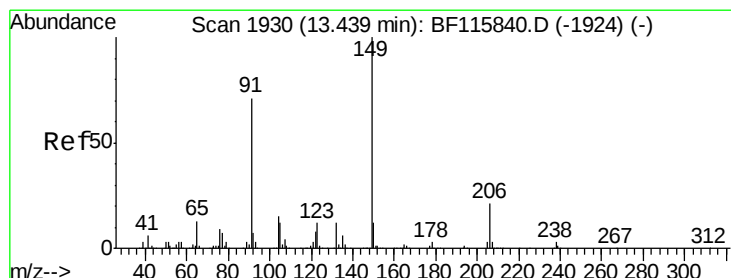
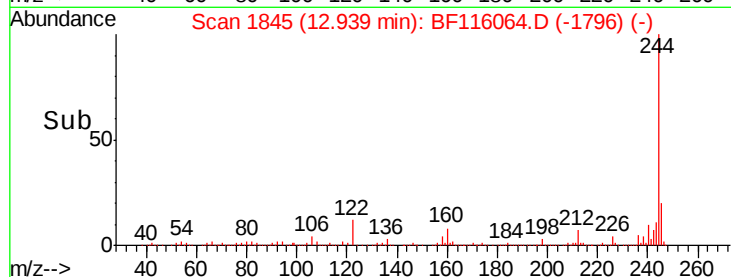
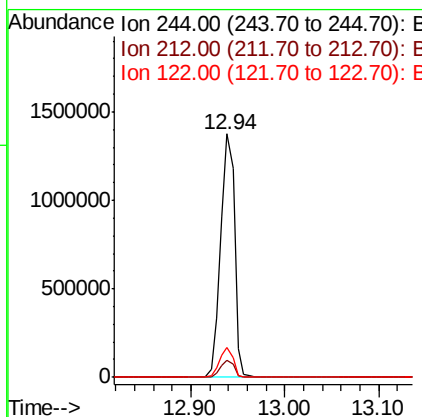
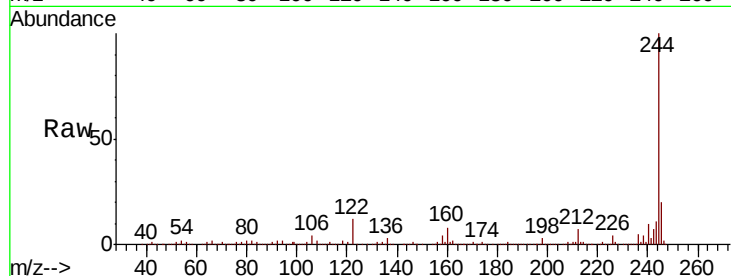
#79
 Terphenyl-d14
 Concen: 80.135 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.0	9.0	13.4

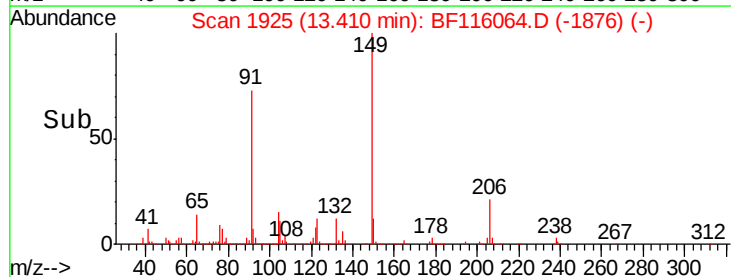
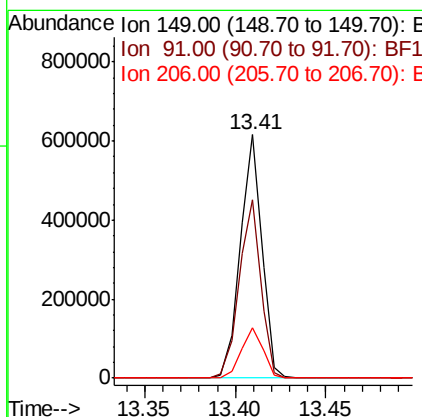
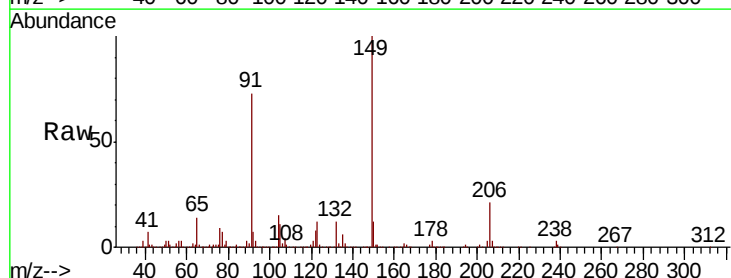
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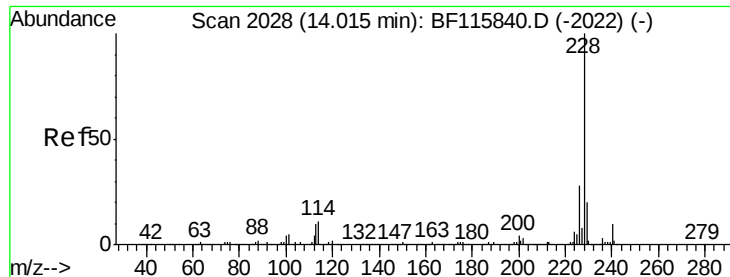
mohammad
 8/14/2019 9:21:20 AM



#80
 Butylbenzylphthalate
 Concen: 42.370 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.2	56.3	84.5
206	20.6	18.0	27.0





#81

Benzo(a)anthracene

Concen: 38.438 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Instrument :

BNA_F

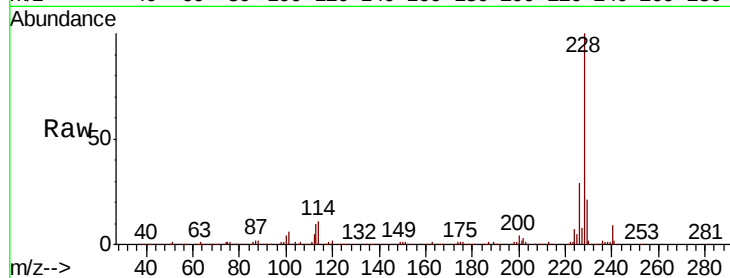
ClientSampleId :

PB122055BSD

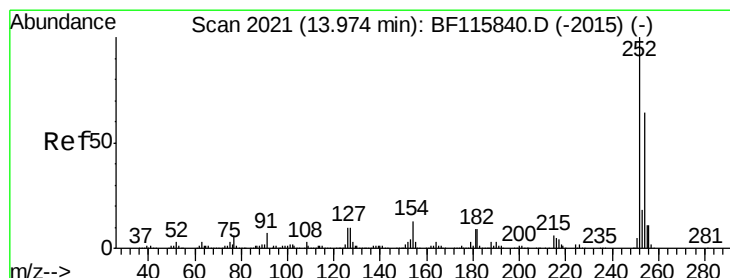
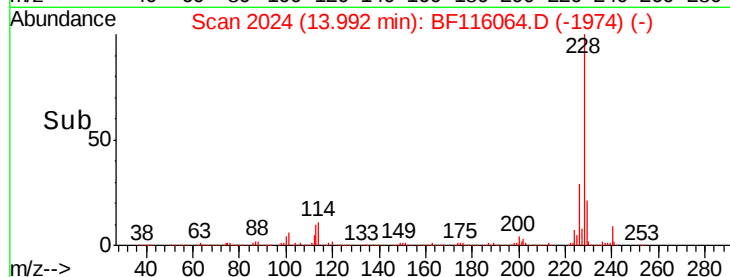
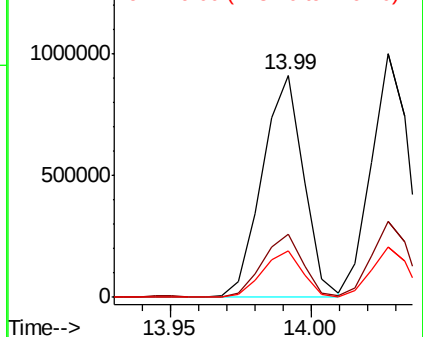
Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	28.5	22.7	34.1		
229	20.7	16.2	24.4		

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mohammad
8/14/2019 9:21:20 AM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.900 ng

RT: 13.94 min Scan# 2016

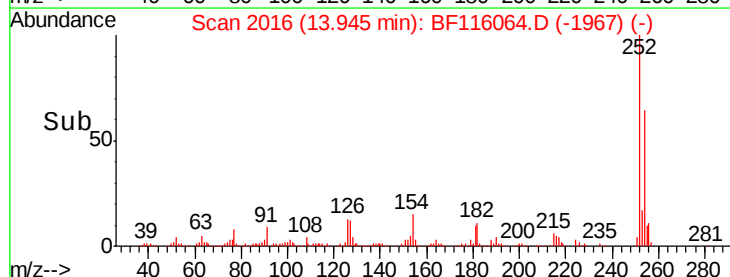
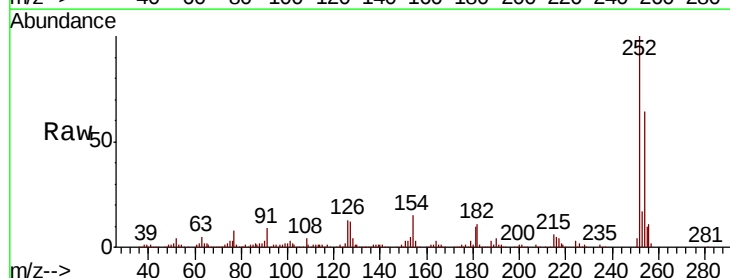
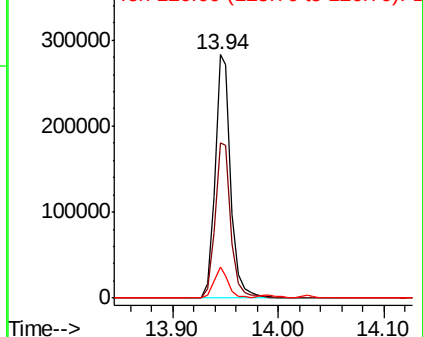
Delta R.T. -0.01 min

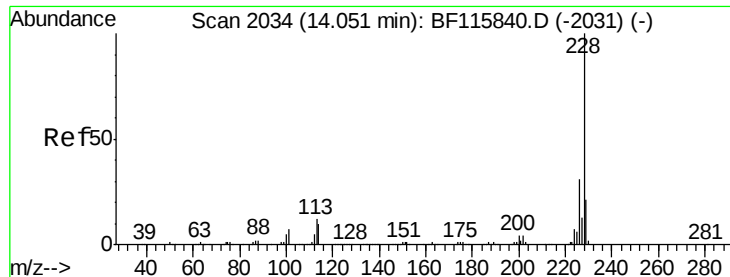
Lab File: BF116064.D

Acq: 8 Aug 2019 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	64.0	50.9	76.3		
126	13.0	9.8	14.8		

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





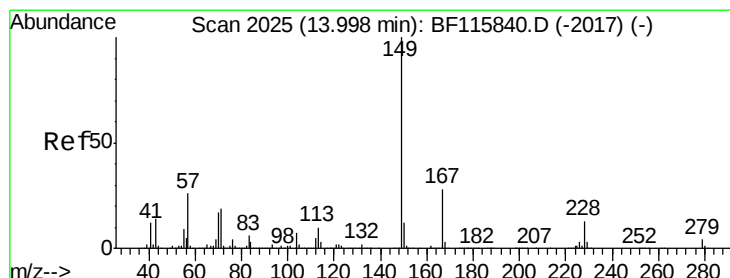
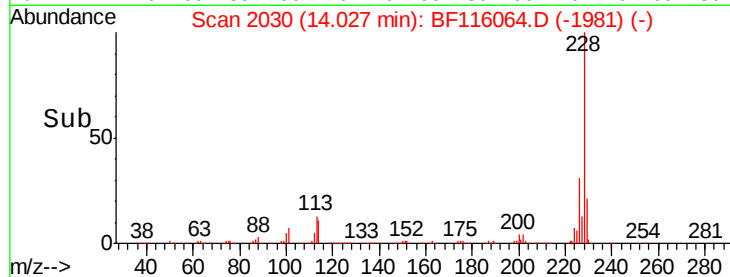
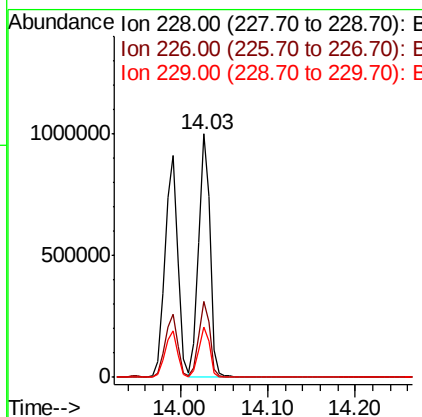
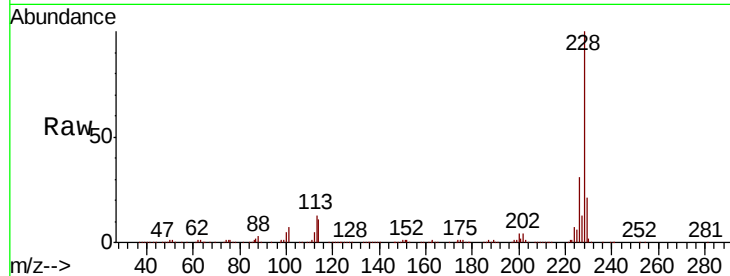
#83
 Chrvsene
 Concen: 39.216 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.5	38.3
229	20.5	16.6	24.8

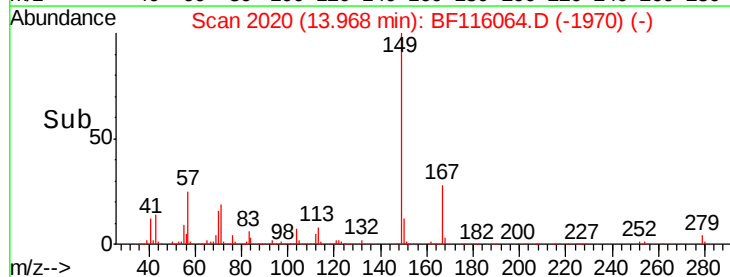
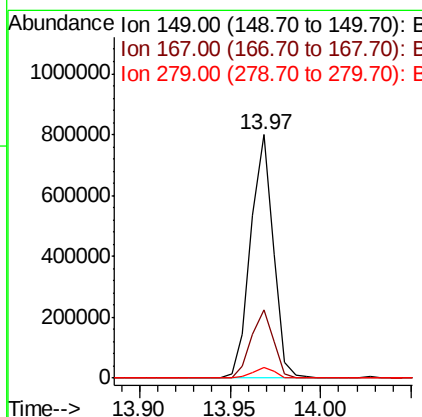
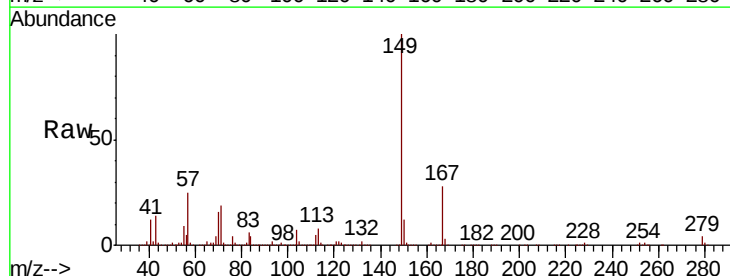
Manual Integrations
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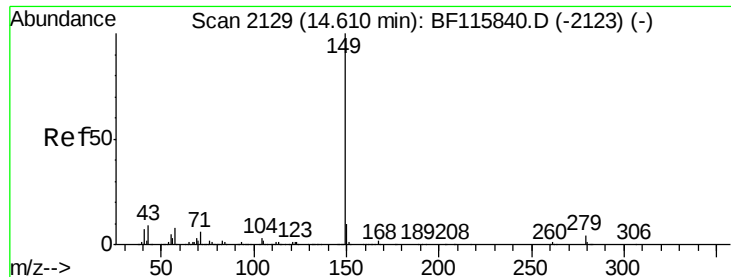
mohammad
 8/14/2019 9:21:20 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.721 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116064.D
 Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.6	32.4
279	4.1	3.0	4.4





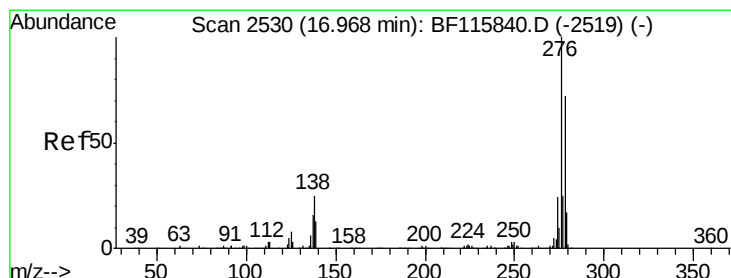
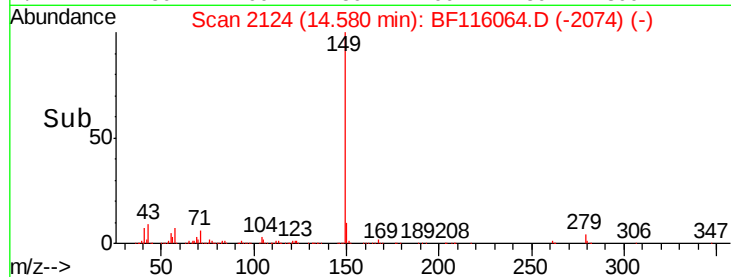
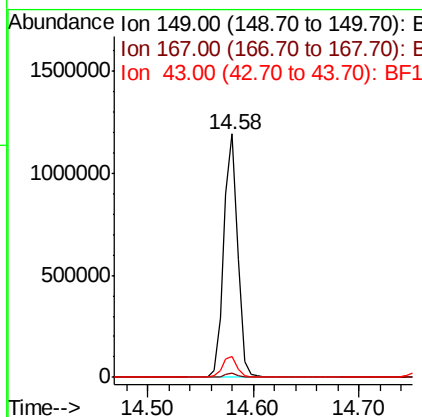
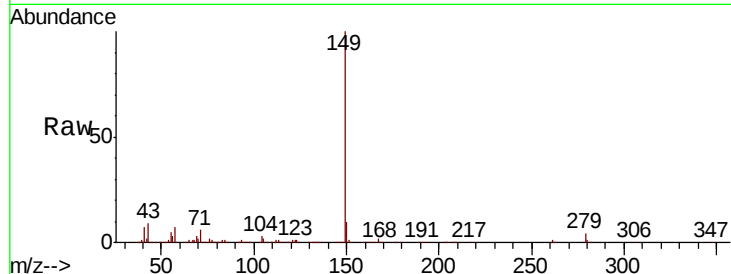
#85
Di-n-octyl phthalate
Concen: 44.462 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

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

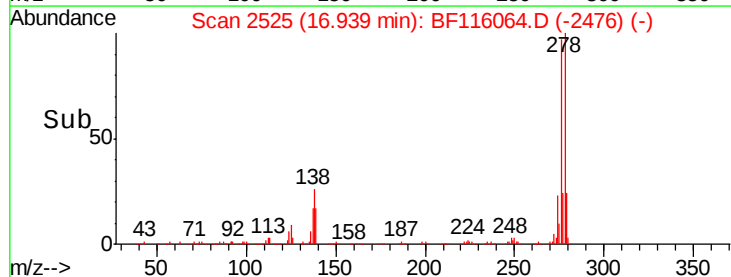
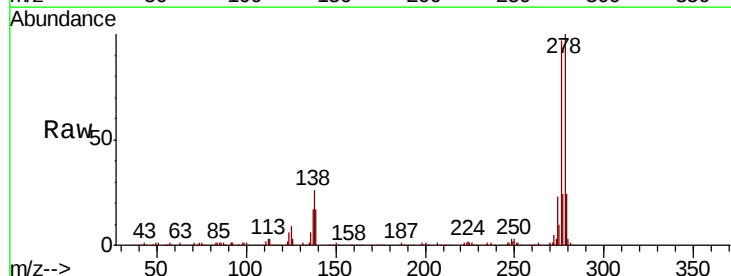
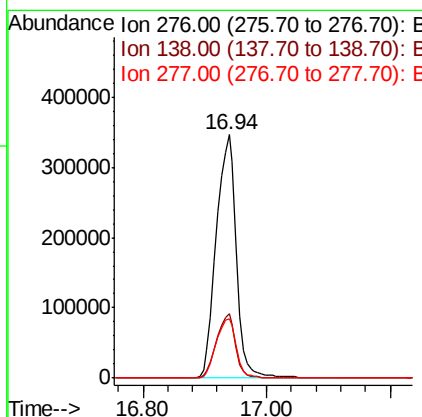
Manual Integrations
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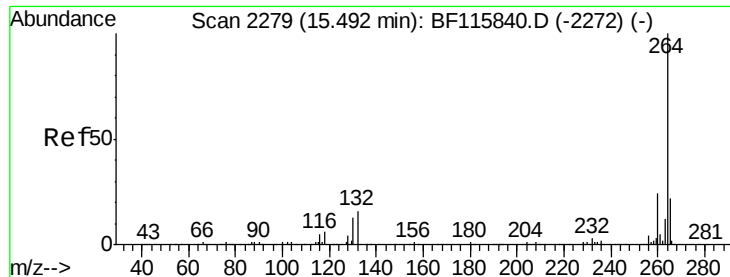
mohammad
8/14/2019 9:21:20 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.024 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.4	30.6
277	24.7	20.0	30.0





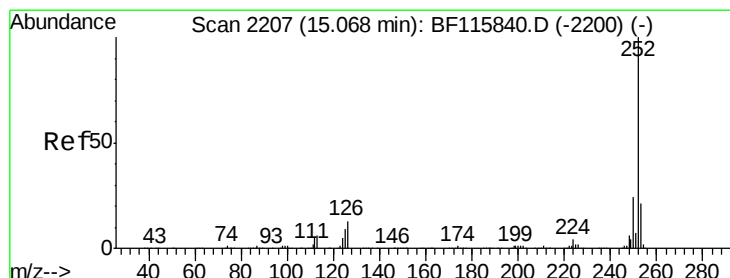
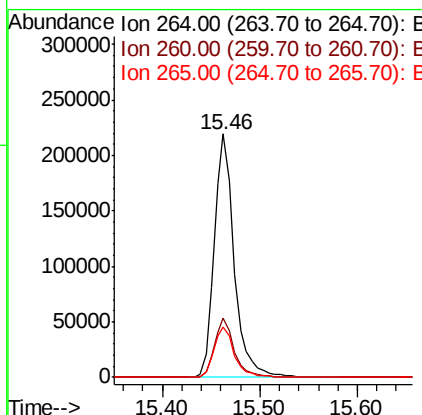
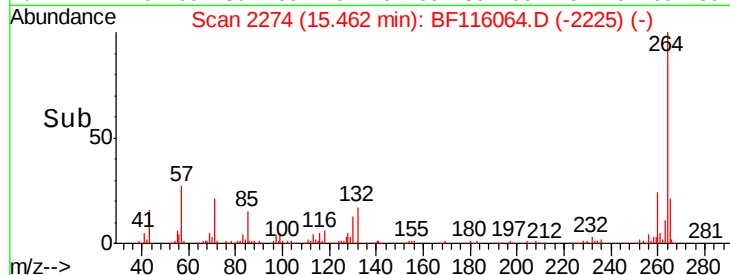
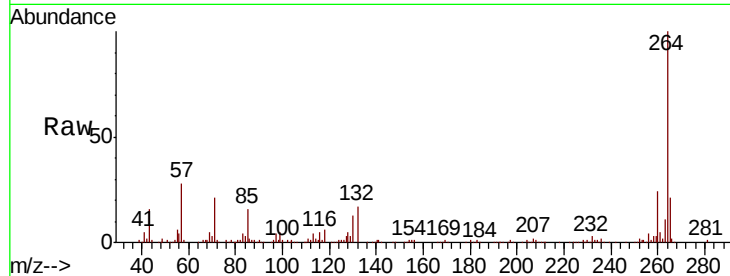
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion:	264	Resp:	310061
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.7	29.5
265	20.9	17.4	26.0

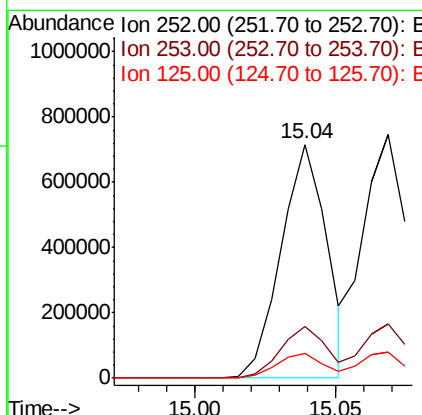
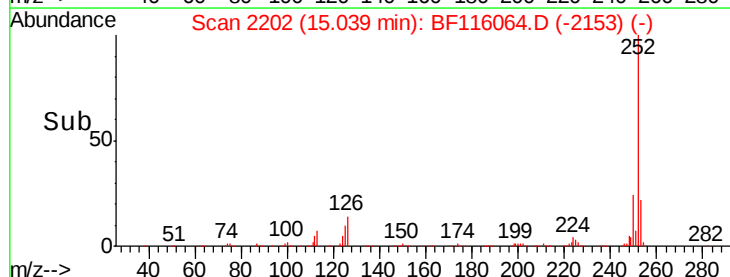
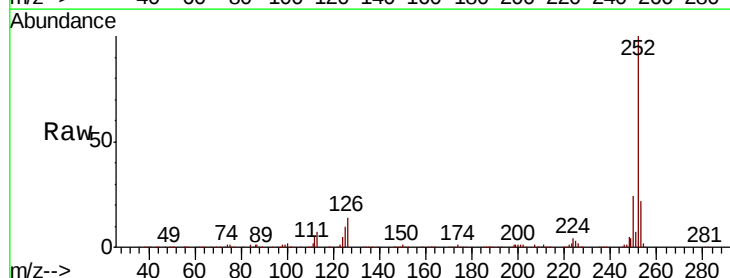
Manual Integrations
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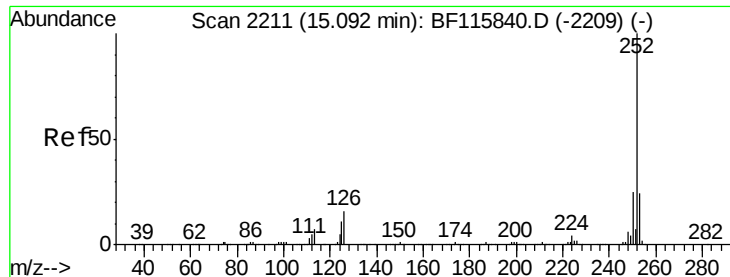
mohammad
8/14/2019 9:21:20 AM



#88
Benzo(b)fluoranthene
Concen: 44.968 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion:	252	Resp:	806183
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.8
125	10.5	8.4	12.6





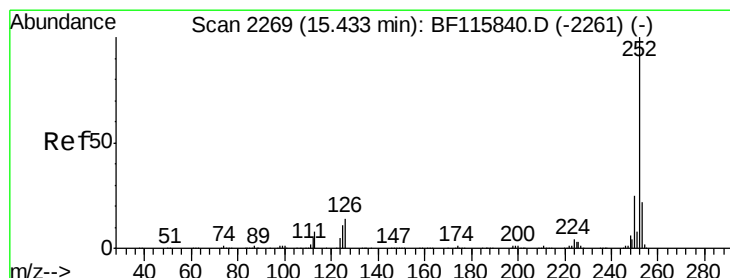
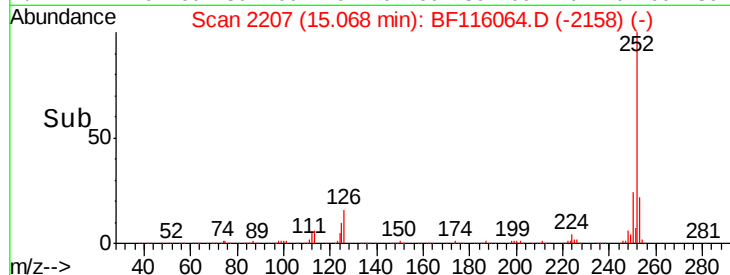
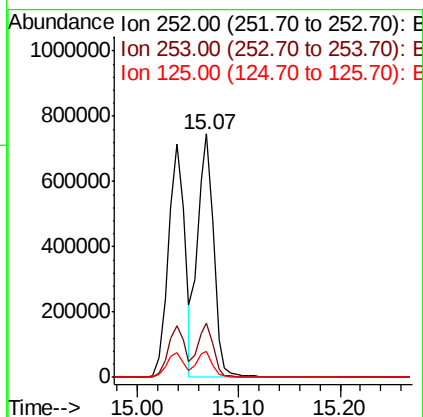
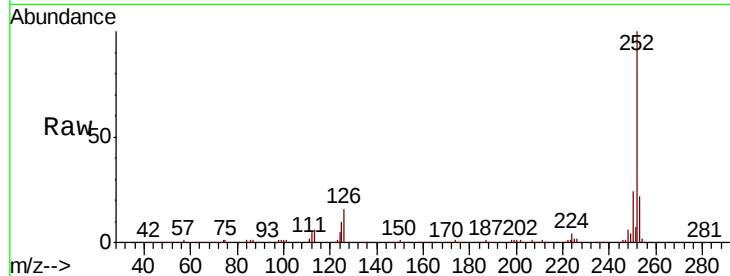
#89
Benzo(k)fluoranthene
Concen: 46.786 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.4	7.7	11.5

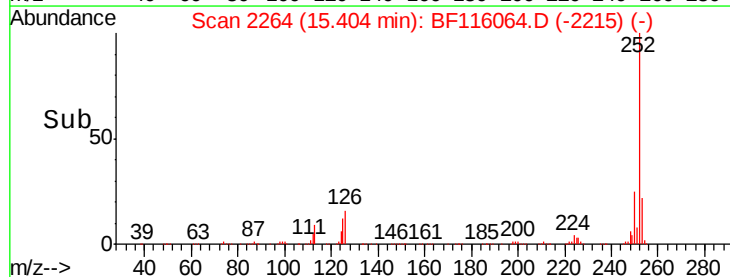
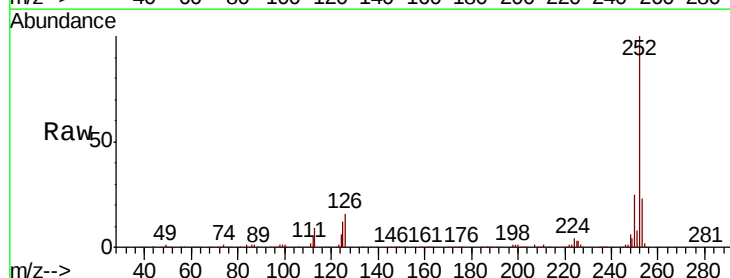
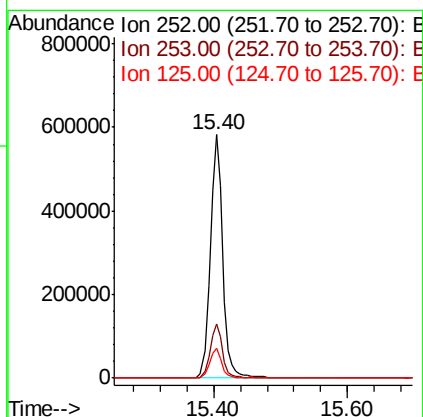
Manual Integrations
APPROVED

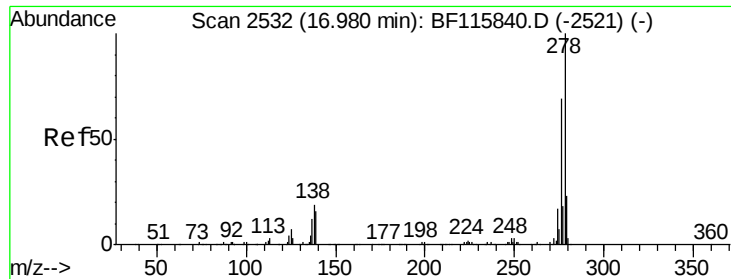
mohammad
8/14/2019 9:21:20 AM



#90
Benzo(a)pyrene
Concen: 47.269 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	12.1	8.9	13.3





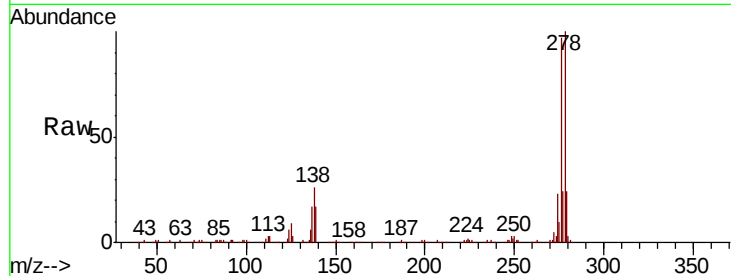
#91
Dibenzo(a,h)anthracene
Concen: 48.509 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.8	19.2
279	24.2	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/14/2019 9:21:20 AM

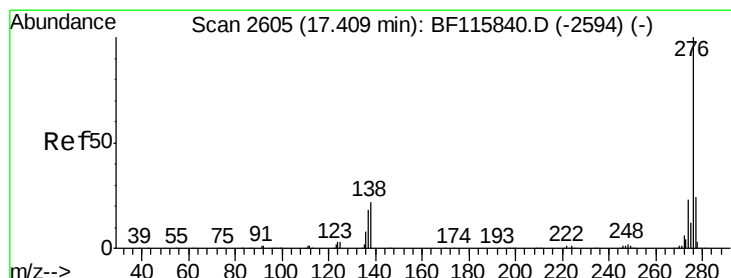
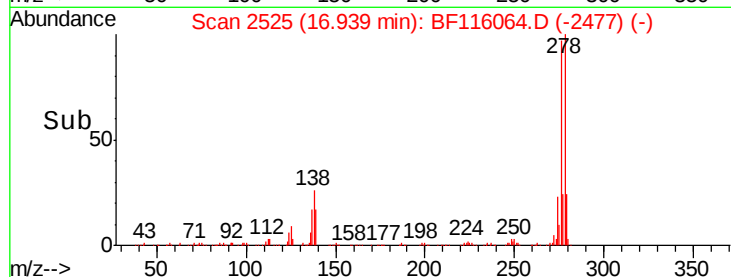
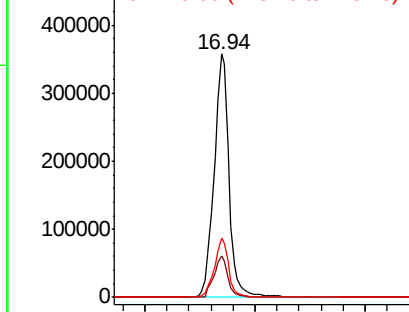


Abundance

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: 48.262 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BF116064.D
Acq: 8 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	21.3	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

