

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118072.D
 Acq On : 3 Dec 2019 19:52
 Operator : JU
 Sample : K6090-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-20-SMSD

Manual Integrations
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mohammad
 12/4/2019 5:01:43 PM

Quant Time: Dec 04 08:23:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	141714	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	562174	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	302373	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	591258	20.00	ng	0.00
76) Chrysene-d12	14.07	240	402879	20.00	ng	0.00
87) Perylene-d12	15.57	264	372324	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	843464	105.35	ng	0.01
7) Phenol-d6	6.51	99	1075530	111.38	ng	0.00
23) Nitrobenzene-d5	7.45	82	661783	69.98	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	390672	122.04	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1343514	79.71	ng	0.00
79) Terphenyl-d14	13.01	244	1667988	75.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	133855	35.768	ng	99
3) Pyridine	3.45	79	329278	33.543	ng	99
4) n-Nitrosodimethylamine	3.40	42	169286	39.505	ng	98
6) Aniline	6.54	93	311290	24.395	ng	97
8) 2-Chlorophenol	6.66	128	430776	49.588	ng	99
9) Benzaldehyde	6.42	77	151484	20.641	ng	96
10) Phenol	6.52	94	509432	50.768	ng	98
11) bis(2-Chloroethyl)ether	6.61	93	368453	45.725	ng	97
12) 1,3-Dichlorobenzene	6.82	146	456051	44.591	ng	98
13) 1,4-Dichlorobenzene	6.89	146	473408	45.794	ng	99
14) 1,2-Dichlorobenzene	7.05	146	442092	44.714	ng	99
15) Benzyl Alcohol	7.02	79	363397	48.744	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	441223	35.564	ng	99
17) 2-Methylphenol	7.13	107	342965	46.619	ng	97
18) Hexachloroethane	7.39	117	170233	44.826	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	274914	46.148	ng	95
20) 3+4-Methylphenols	7.28	107	426645	46.719	ng	93
22) Acetophenone	7.29	105	567244	44.911	ng	# 93
24) Nitrobenzene	7.46	77	426654	43.732	ng	94
25) Isophorone	7.70	82	762961	44.018	ng	98
26) 2-Nitrophenol	7.78	139	234522	49.388	ng	97
27) 2,4-Dimethylphenol	7.82	122	372887	50.536	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	476585	43.329	ng	98
29) 2,4-Dichlorophenol	8.02	162	366015	45.730	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	404407	43.560	ng	98
31) Naphthalene	8.19	128	1244896	47.501	ng	99
32) Benzoic acid	7.95	122	259653	42.027	ng	99
33) 4-Chloroaniline	8.23	127	129462	11.034	ng	97
34) Hexachlorobutadiene	8.30	225	235004	43.295	ng	97
35) Caprolactam	8.61	113	115953m	45.584	ng	
36) 4-Chloro-3-methylphenol	8.72	107	392246	48.290	ng	97
37) 2-Methylnaphthalene	8.88	142	857252	48.411	ng	100
38) 1-Methylnaphthalene	8.98	142	791628	47.287	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	385157	43.861	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	417867	84.915	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	273808	43.533	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	292941	44.858	ng	96
46) 1,1'-Biphenyl	9.35	154	1058936	47.204	ng	99
47) 2-Chloronaphthalene	9.37	162	808745	43.823	ng	98
48) 2-Nitroaniline	9.47	65	229274	41.151	ng	99
49) Acenaphthylene	9.79	152	1292687	48.044	ng	99
50) Dimethylphthalate	9.65	163	1148759	54.177	ng	100
51) 2,6-Dinitrotoluene	9.71	165	223948	48.326	ng	99
52) Acenaphthene	9.96	154	757447	43.946	ng	99
53) 3-Nitroaniline	9.88	138	125052	22.552	ng	92
54) 2,4-Dinitrophenol	9.99	184	216854	90.073	ng	94
55) Dibenzofuran	10.14	168	1145671	48.001	ng	99
56) 4-Nitrophenol	10.05	139	365436	88.290	ng	93
57) 2,4-Dinitrotoluene	10.12	165	296750	50.340	ng	92
58) Fluorene	10.48	166	896268	48.458	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	245264	45.710	ng	99
60) Diethylphthalate	10.35	149	989010	47.842	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	444529	47.359	ng	99
62) 4-Nitroaniline	10.50	138	244784	44.089	ng	99
63) Azobenzene	10.63	77	859288	45.690	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	152493	55.247	ng	96
66) n-Nitrosodiphenylamine	10.59	169	819960	47.652	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	288485	45.220	ng	99
68) Hexachlorobenzene	11.03	284	327926	44.082	ng	96
69) Atrazine	11.12	200	252763	44.655	ng	99
70) Pentachlorophenol	11.23	266	362929	83.508	ng	99
71) Phenanthrene	11.45	178	1367304	45.996	ng	99
72) Anthracene	11.50	178	1414823	48.004	ng	99
73) Carbazole	11.66	167	1245117	48.344	ng	99
74) Di-n-butylphthalate	11.98	149	1581016	49.303	ng	100
75) Fluoranthene	12.64	202	1451903	55.369	ng	98
77) Benzidine	12.76	184	386491	29.287	ng	99
78) Pyrene	12.87	202	1451535	44.582	ng	99
80) Butylbenzylphthalate	13.49	149	688923	49.265	ng	100
81) Benzo(a)anthracene	14.06	228	1207190	45.344	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	257208	27.620	ng	99
83) Chrysene	14.10	228	1157373	44.864	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	968029	57.099	ng	98
85) Di-n-octyl phthalate	14.66	149	1523231	61.158	ng	100
86) Indeno(1,2,3-cd)pyrene	17.09	276	1132602	51.585	ng	100
88) Benzo(b)fluoranthene	15.13	252	1123492	46.444	ng	99
89) Benzo(k)fluoranthene	15.16	252	955696	41.930	ng	98
90) Benzo(a)pyrene	15.51	252	983522	46.237	ng	99
91) Dibenzo(a,h)anthracene	17.10	278	943965	51.558	ng	99
92) Benzo(g,h,i)perylene	17.55	276	956753	52.465	ng	99

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



#1

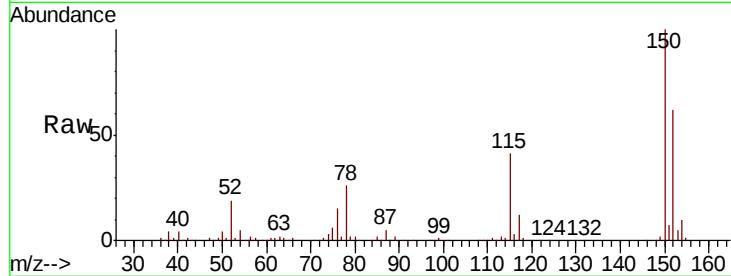
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	121.4	182.2
115	65.2	48.8	73.2

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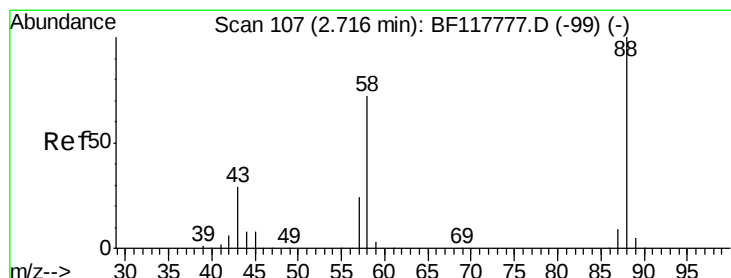
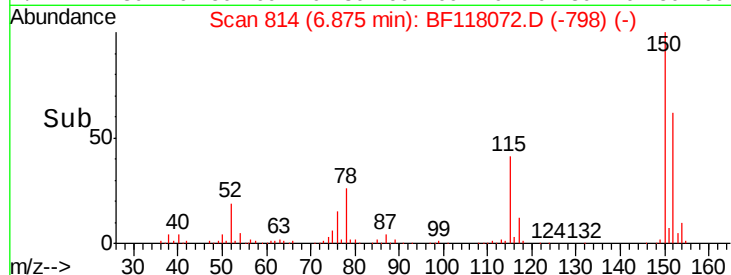
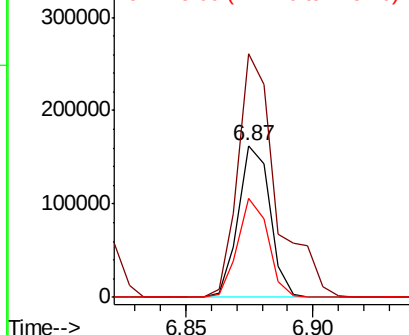


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

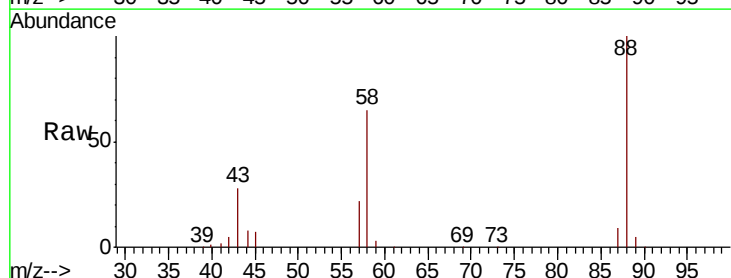
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.768 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.07 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.5	52.6	78.8
43	27.1	21.8	32.6

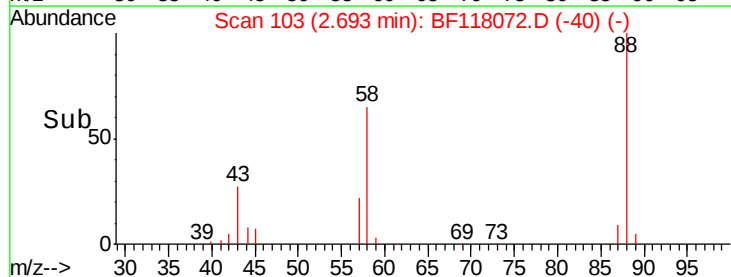
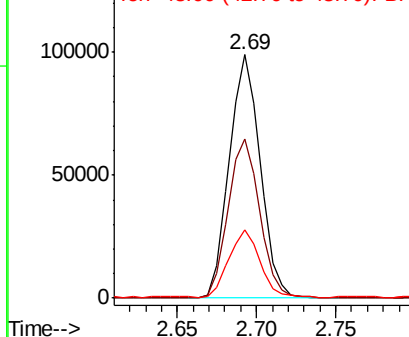


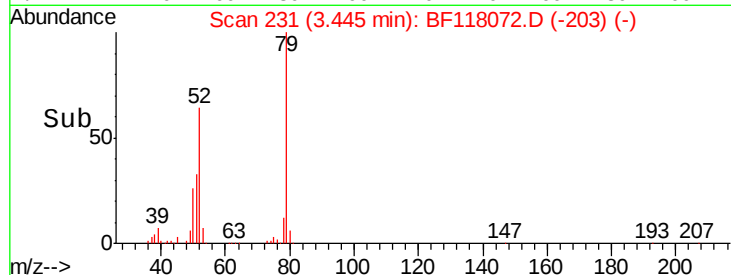
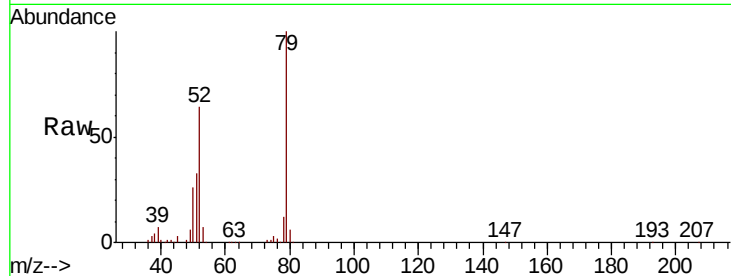
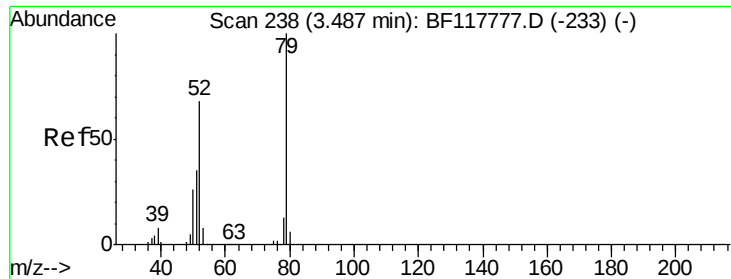
Abundance

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





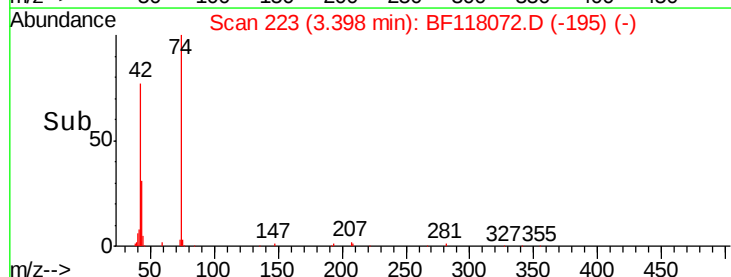
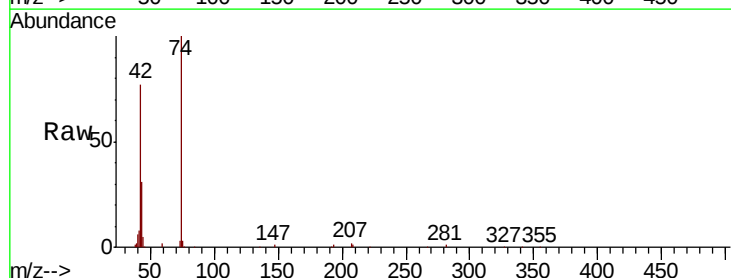
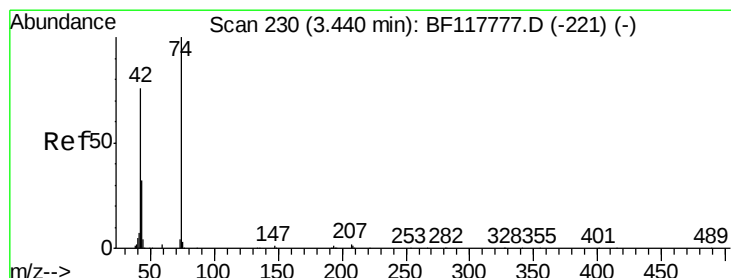
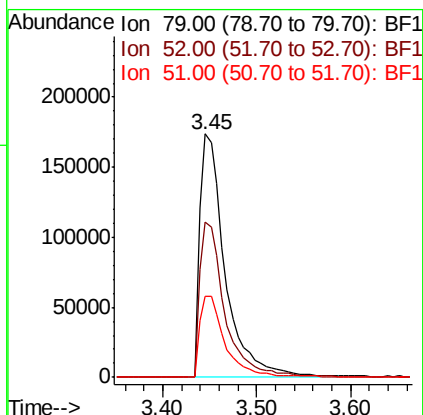
#3
Pvridine
Concen: 33.543 ng
RT: 3.45 min Scan# 231
Delta R.T. 0.06 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.9	50.6	75.8
51	33.2	26.8	40.2

Instrument :
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ClientSampleId :
TP-20-SMSD

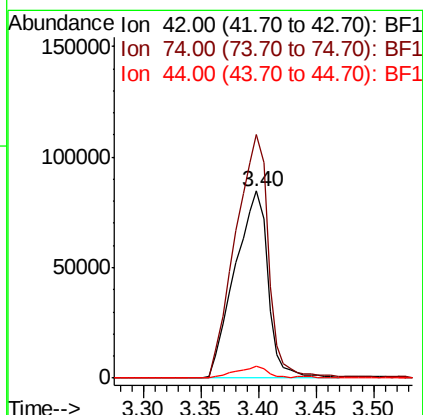
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#4
n-Nitrosodimethylamine
Concen: 39.505 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.06 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.4	102.8	154.2
44	6.3	4.7	7.1





#5

2-Fluorophenol

Concen: 105.354 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

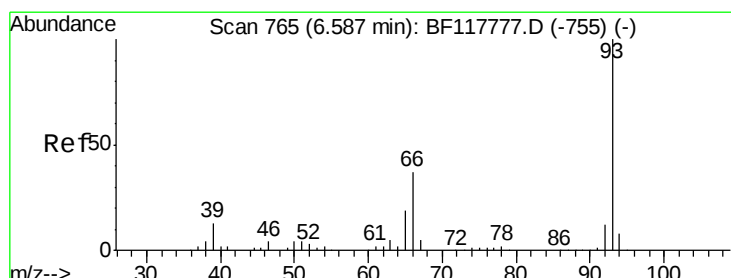
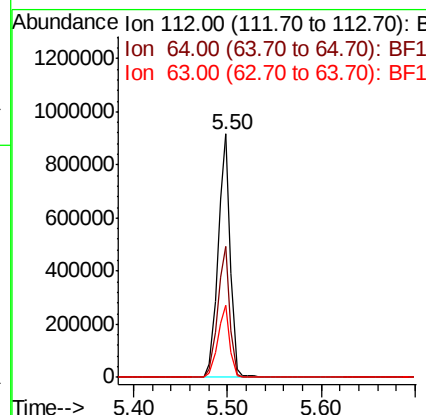
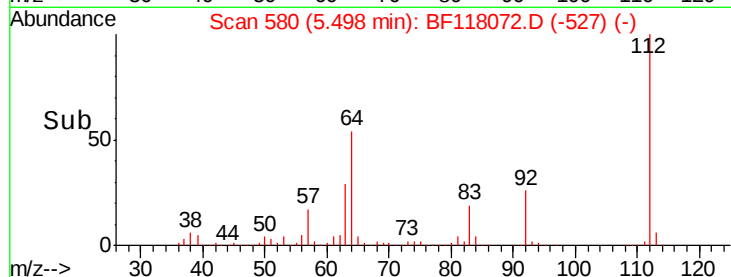
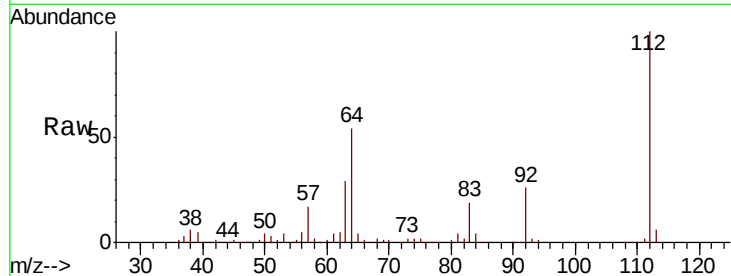
ClientSampleId :

TP-20-SMSD

Tot Ion:	112	Resp:	843464
Ion Ratio	Lower	Upper	
112	100		
64	53.6	45.1	67.7
63	29.5	24.6	37.0

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#6

Aniline

Concen: 24.395 ng

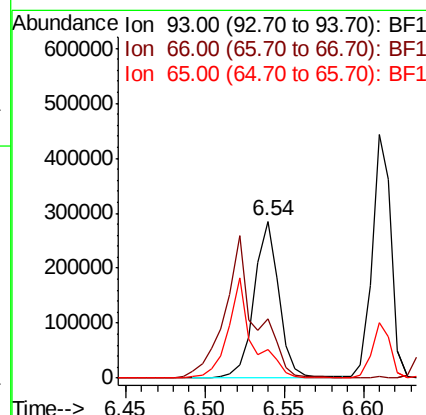
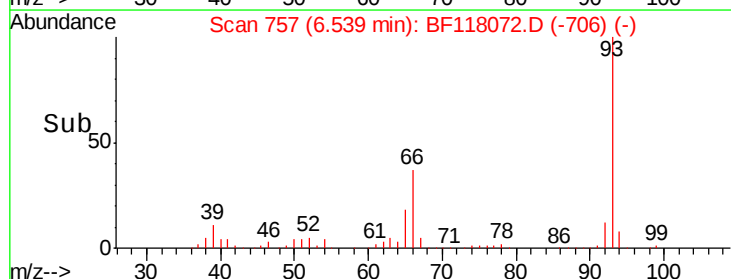
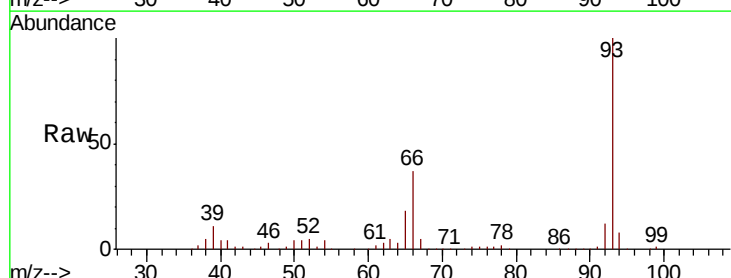
RT: 6.54 min Scan# 757

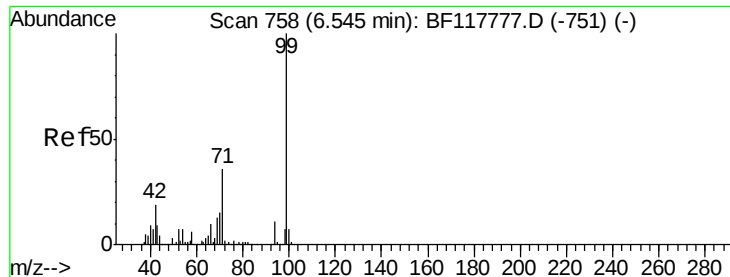
Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Tgt Ion:	93	Resp:	311290
Ion Ratio	Lower	Upper	
93	100		
66	37.5	31.0	46.6
65	18.1	15.8	23.8





#7

Phenol-d6

Concen: 111.379 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

TP-20-SMSD

Tot Ion: 99 Resp: 1075530

Ion Ratio Lower Upper

99 100

42 17.6 14.0 21.0

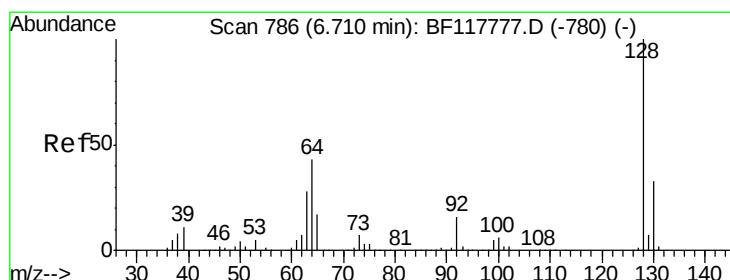
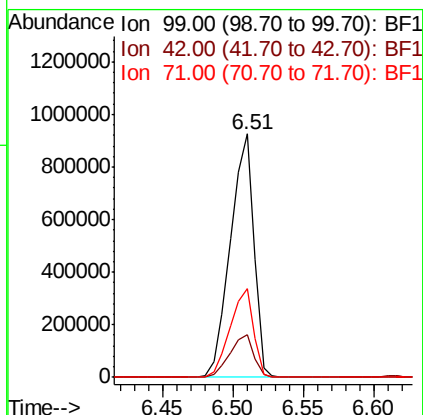
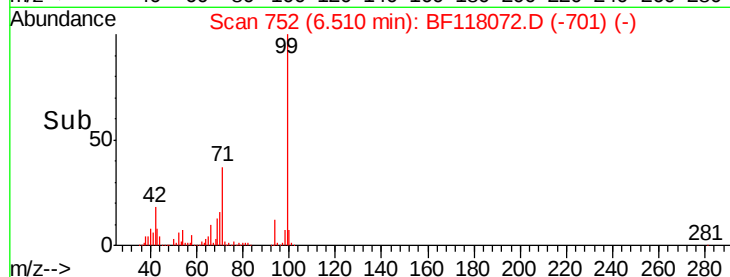
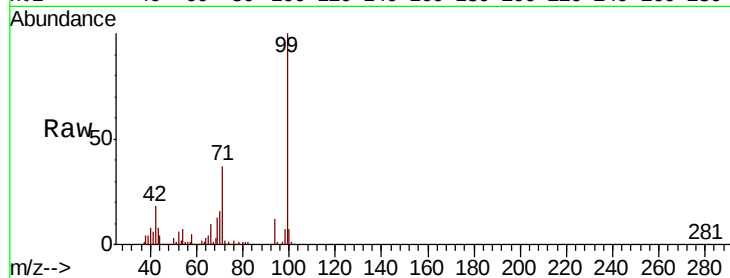
71 36.5 29.2 43.8

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#8

2-Chlorophenol

Concen: 49.588 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

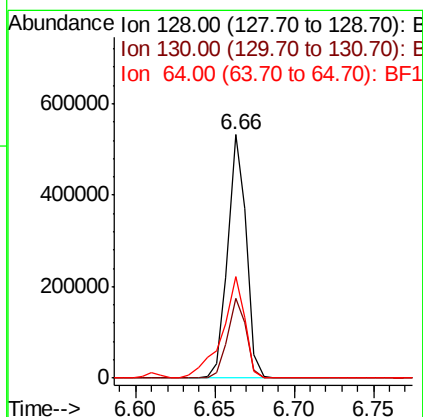
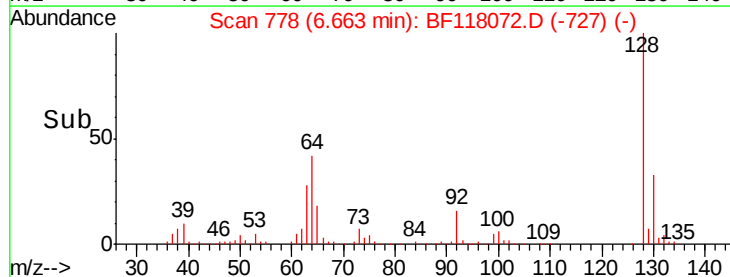
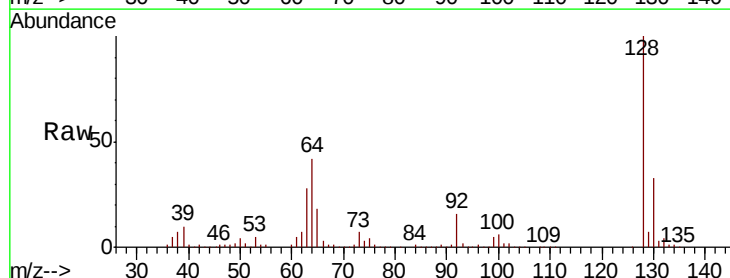
Tgt Ion: 128 Resp: 430776

Ion Ratio Lower Upper

128 100

130 32.6 12.4 52.4

64 41.9 23.2 63.2





#9

Benzaldehyde

Concen: 20.641 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

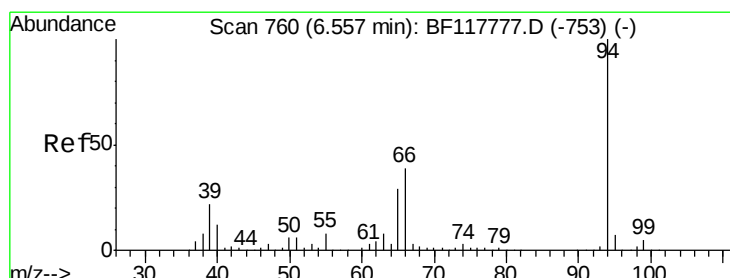
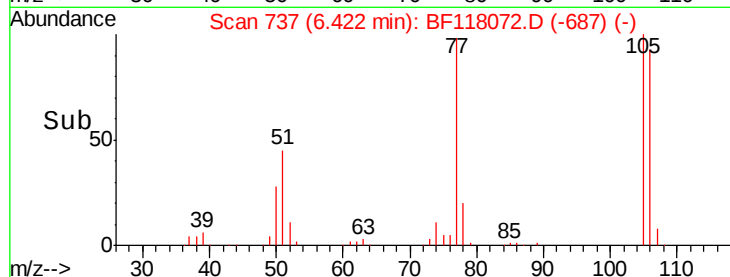
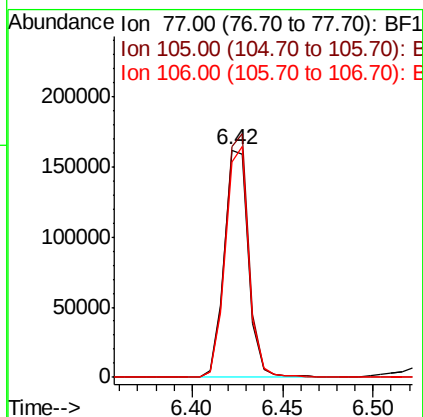
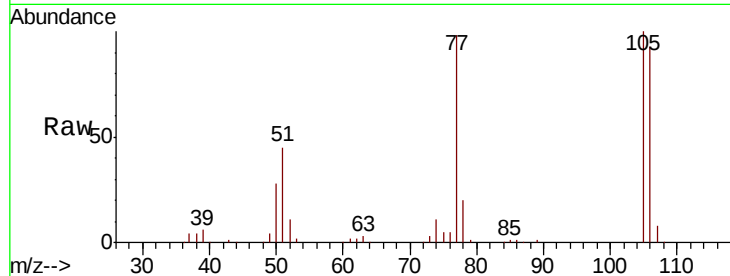
ClientSampleId :

TP-20-SMSD

Tot Ion:	77	Resp:	151484
Ion	Ratio	Lower	Upper
77	100		
105	101.6	83.3	123.3
106	95.0	80.9	120.9

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#10

Phenol

Concen: 50.768 ng

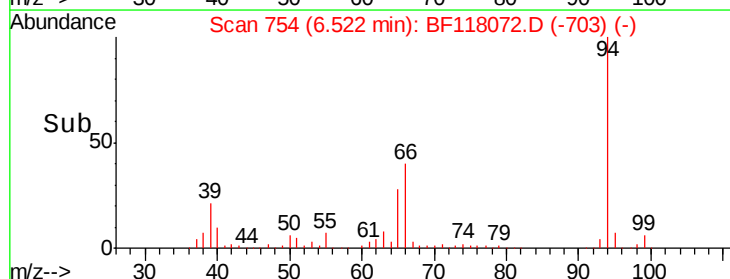
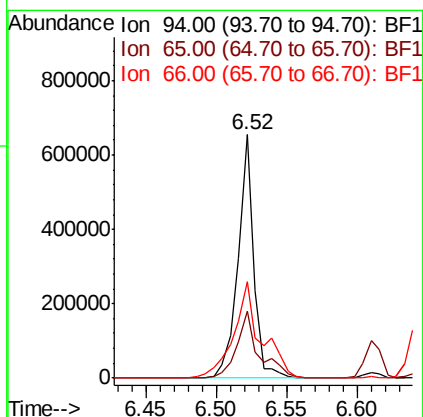
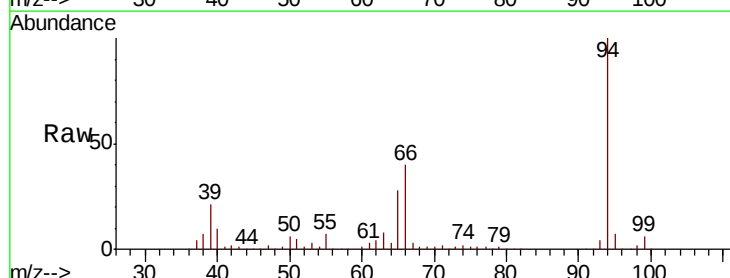
RT: 6.52 min Scan# 754

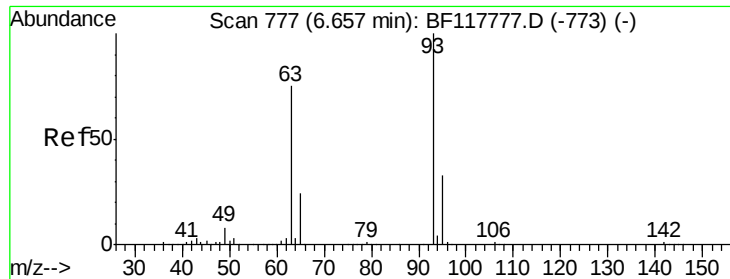
Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Tgt Ion:	94	Resp:	509432
Ion	Ratio	Lower	Upper
94	100		
65	27.7	6.9	46.9
66	39.6	18.6	58.6





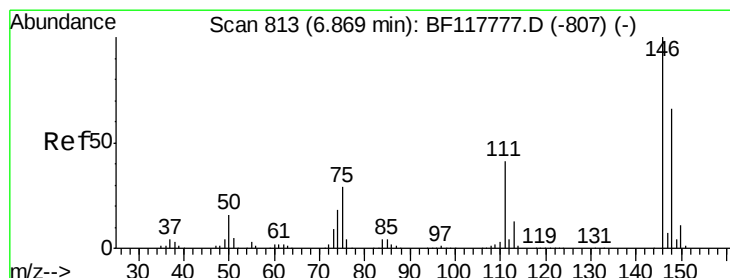
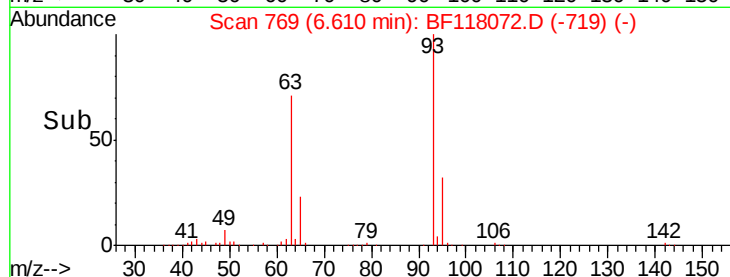
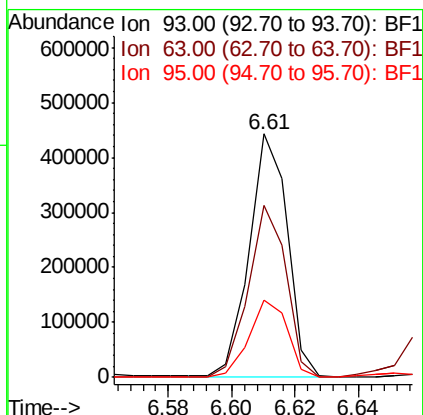
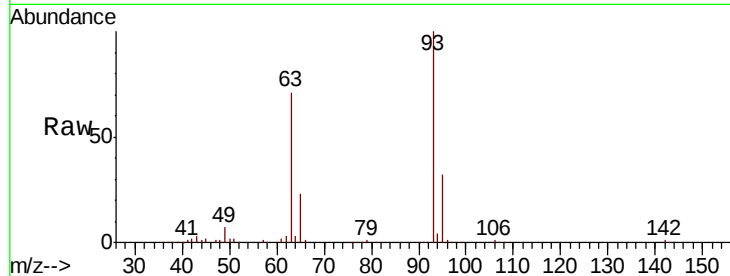
#11
bis(2-Chloroethyl)ether
Concen: 45.725 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.6	46.8	86.8
95	31.7	12.0	52.0

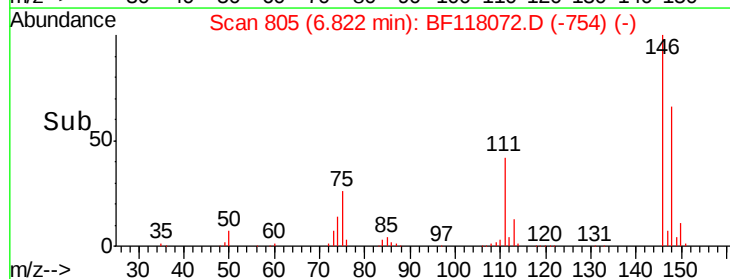
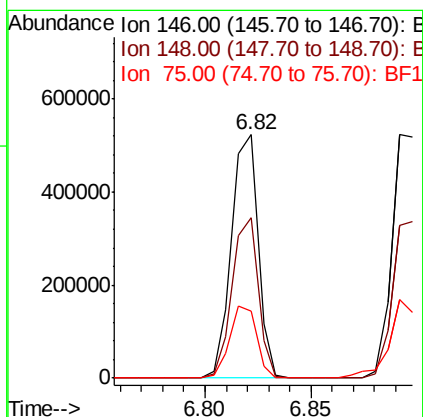
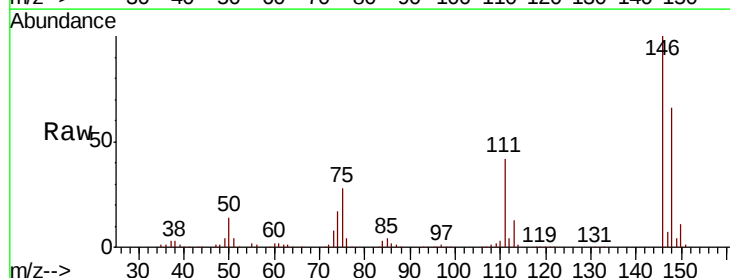
Manual Integrations
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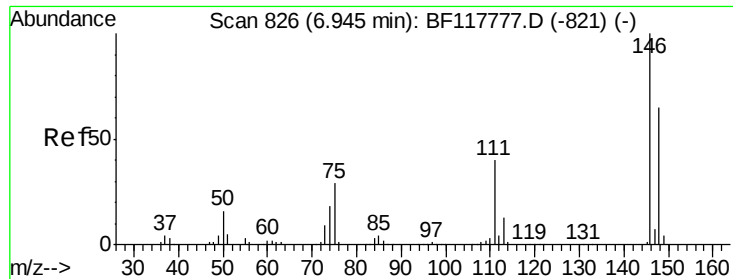
mohammad
12/4/2019 5:01:43 PM



#12
1,3-Dichlorobenzene
Concen: 44.591 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.7	79.1
75	27.5	24.5	36.7





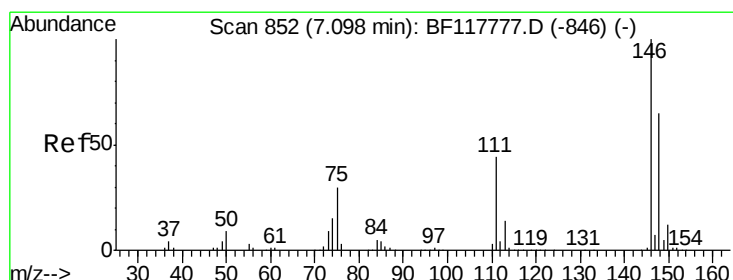
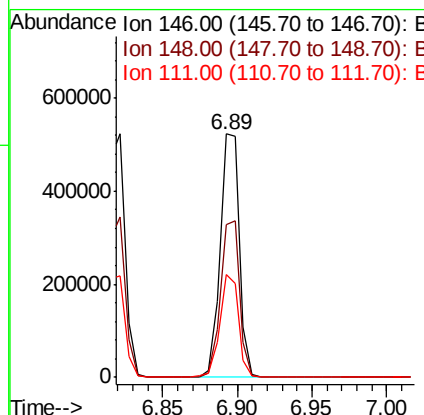
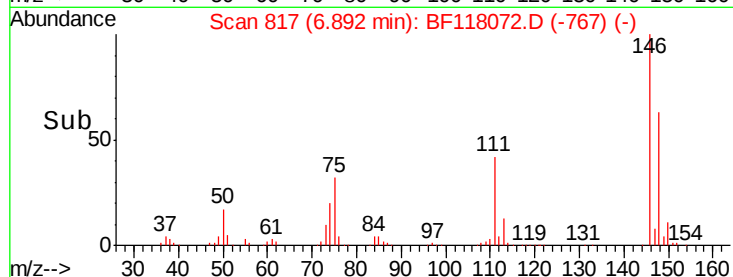
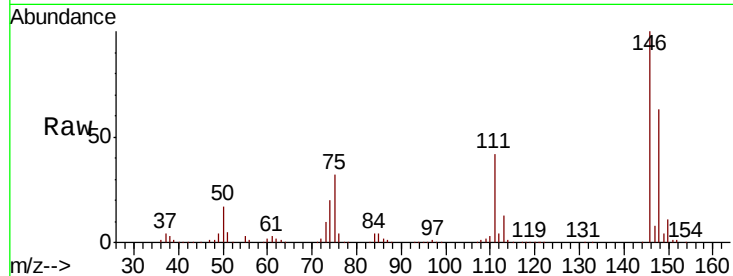
#13
1,4-Dichlorobenzene
Concen: 45.794 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.8	76.2
111	42.2	34.6	51.8

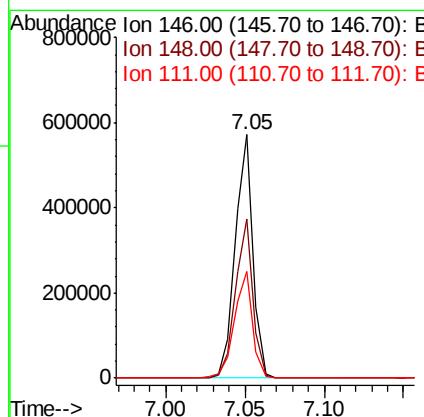
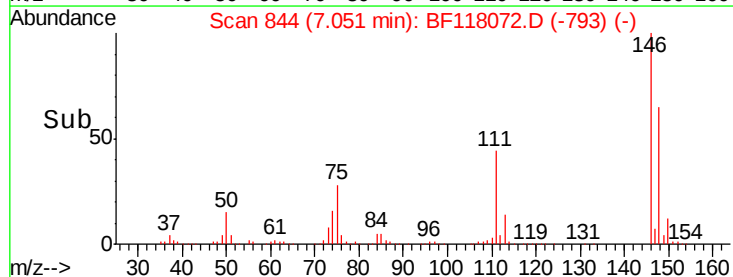
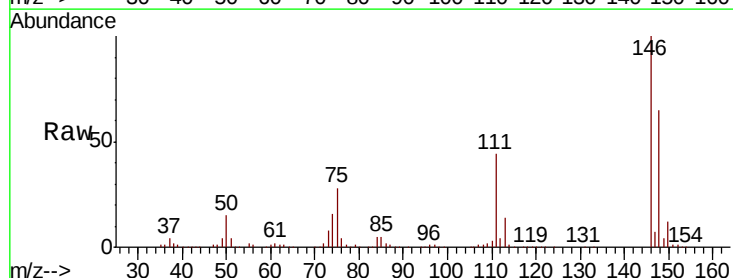
Manual Integrations
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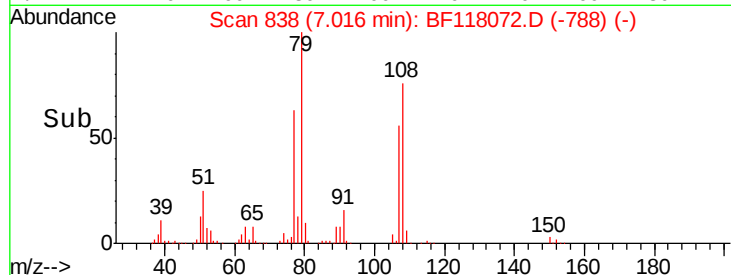
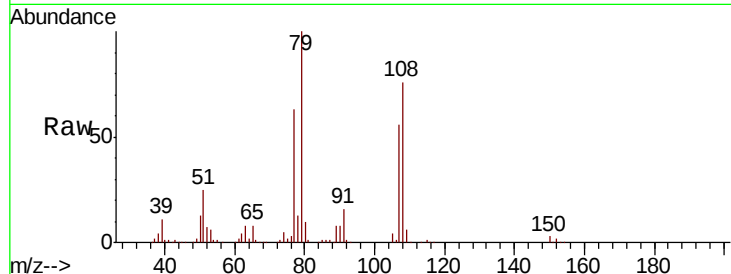
mohammad
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#14
1,2-Dichlorobenzene
Concen: 44.714 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.6	77.4
111	43.6	35.8	53.8





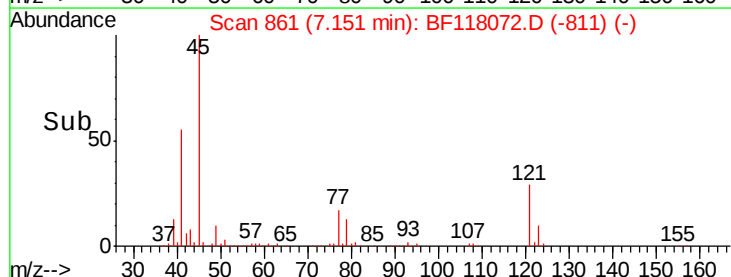
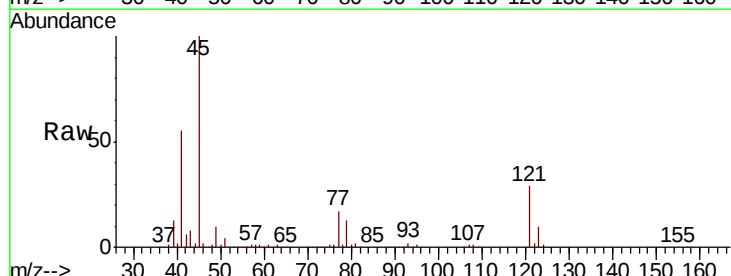
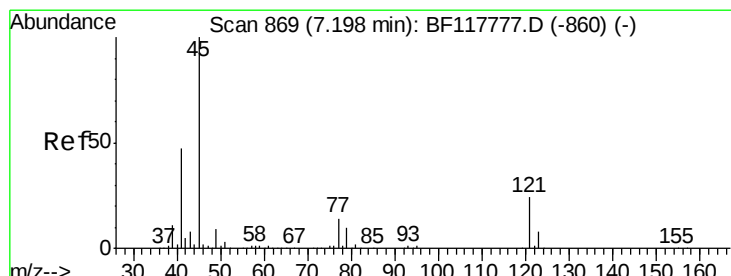
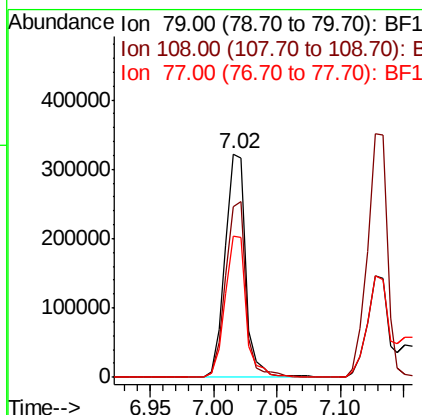
#15
Benzyl Alcohol
Concen: 48.744 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tot Ion	Ratio	Resp	Lower	Upper
79	100	363397		
108	76.4	63.1	94.7	
77	63.2	50.6	76.0	

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

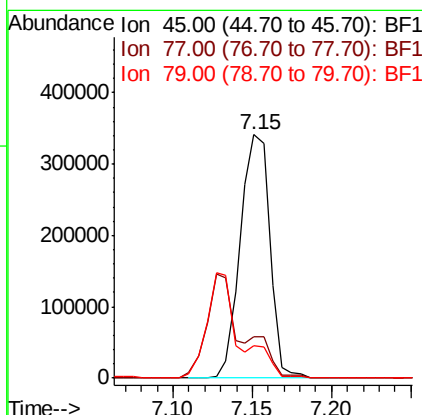
Manual Integrations
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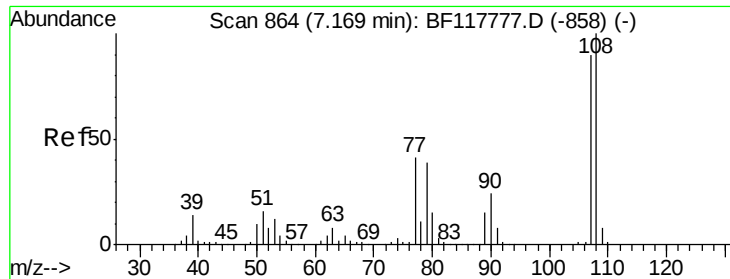
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.564 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	441223		
77	17.2	0.0	36.8	
79	13.4	0.0	33.5	





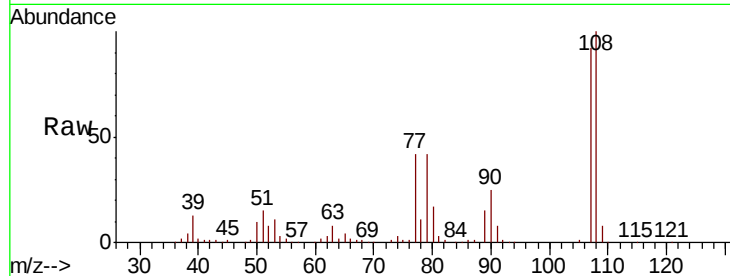
#17
2-Methylphenol
Concen: 46.619 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.0	89.8	134.8
77	45.5	35.0	52.6
79	45.6	35.0	52.6

Manual Integrations
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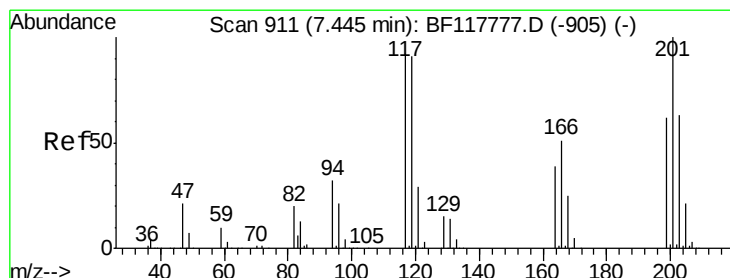
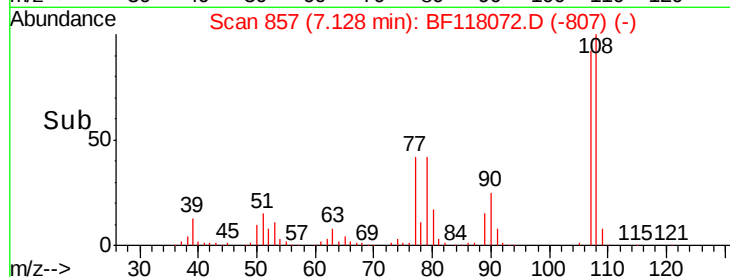
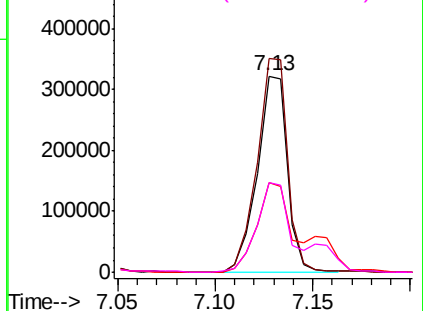
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

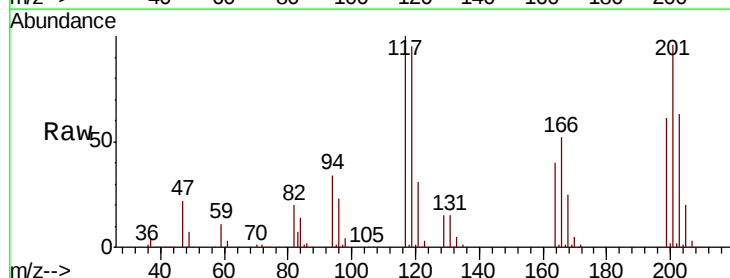
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 44.826 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.4	114.6
201	96.4	71.7	107.5

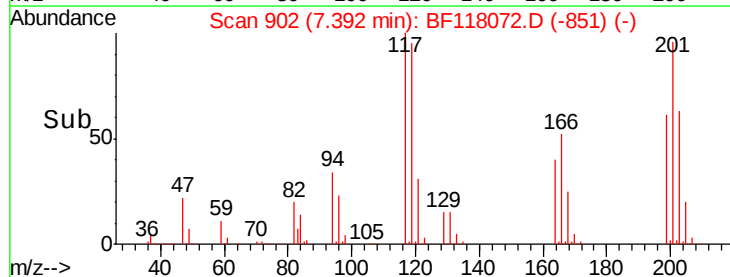
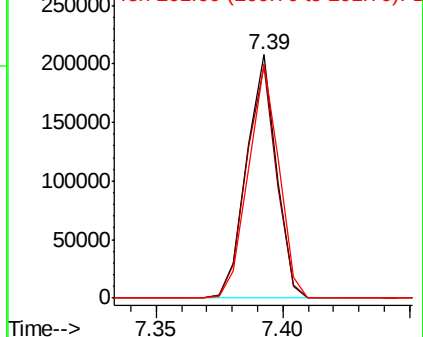


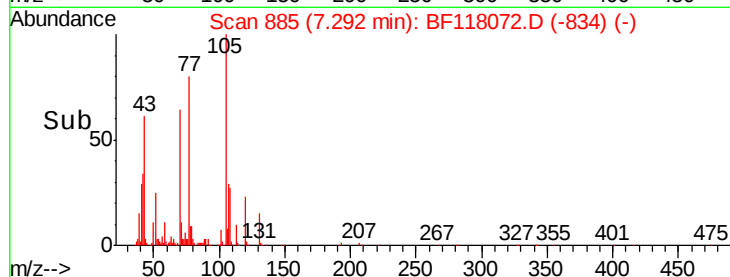
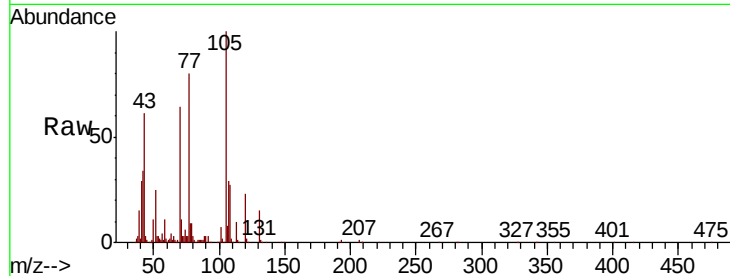
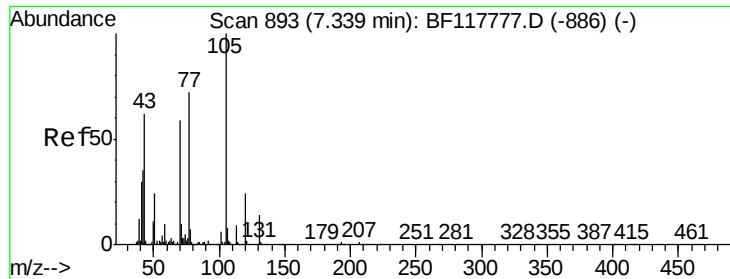
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





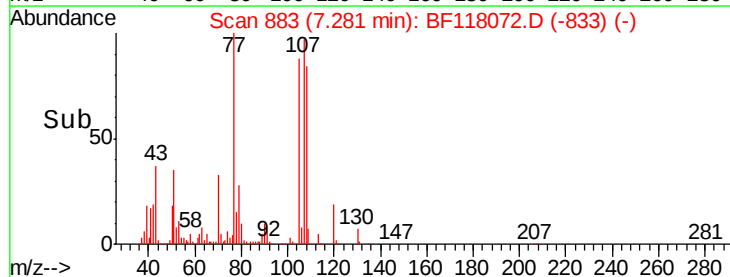
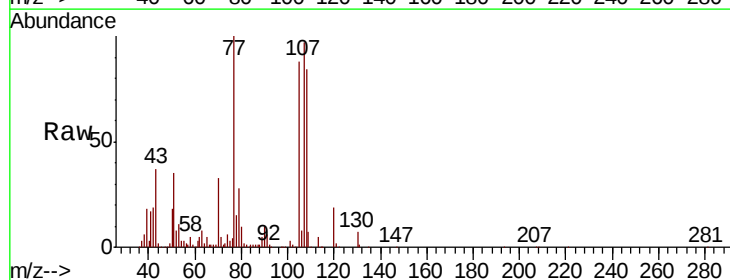
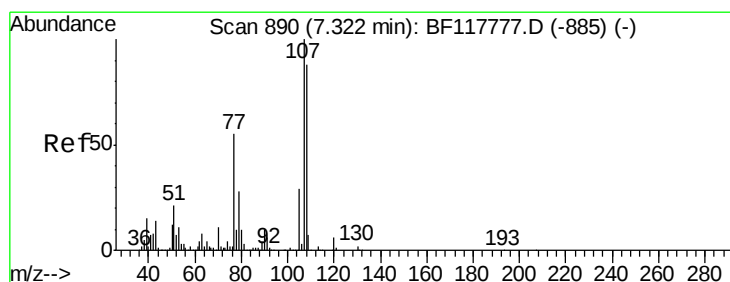
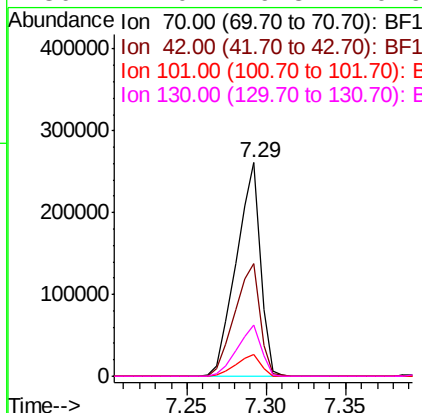
#19
n-Nitroso-di-n-propylamine
Concen: 46.148 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.6	46.0	69.0
101	10.4	8.8	13.2
130	24.0	19.8	29.6

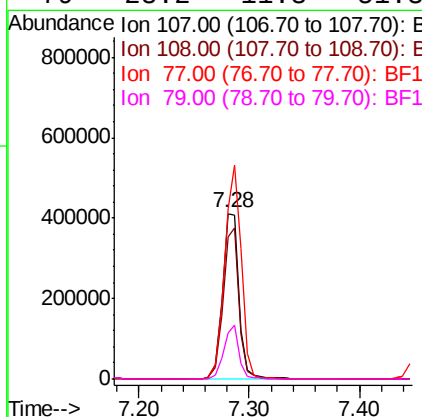
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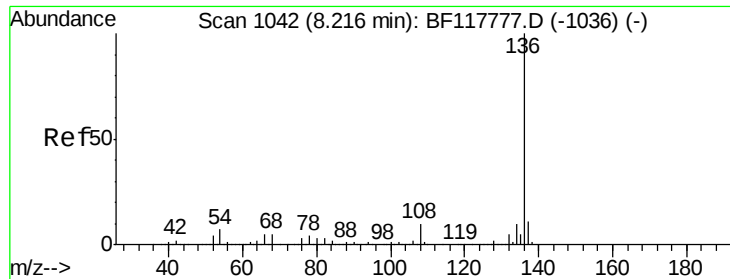
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#20
3+4-Methylphenols
Concen: 46.719 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.0	71.9	111.9
77	102.6	91.6	131.6
79	28.2	11.3	51.3





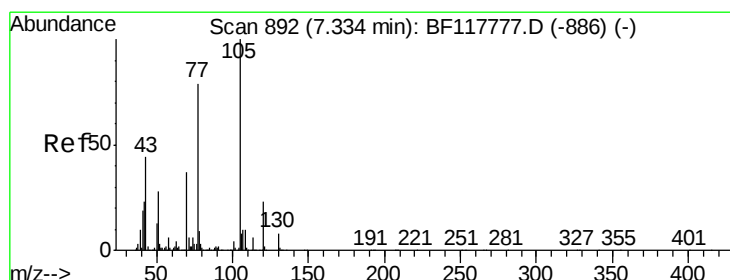
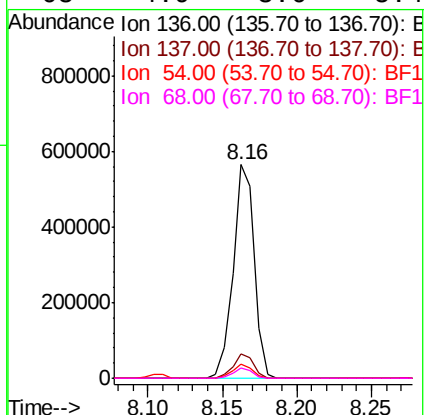
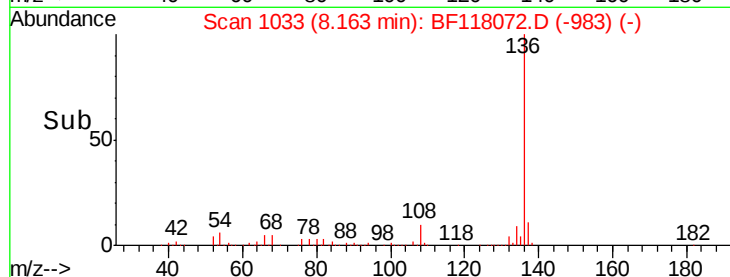
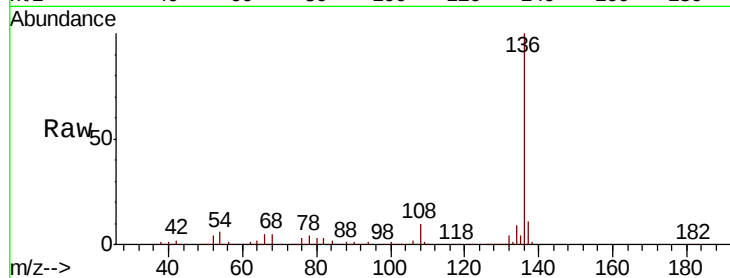
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		562174		
137	11.2	9.1	13.7		
54	6.4	4.9	7.3		
68	4.9	3.6	5.4		

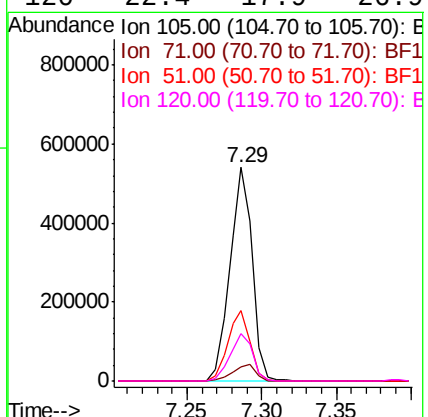
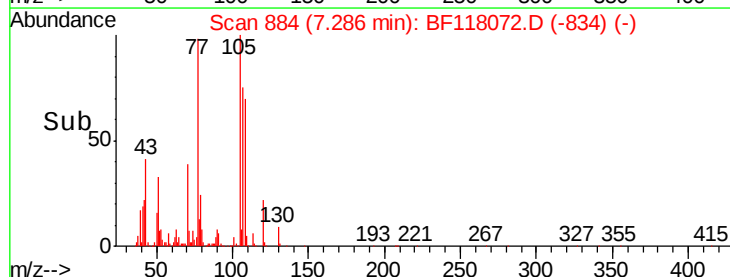
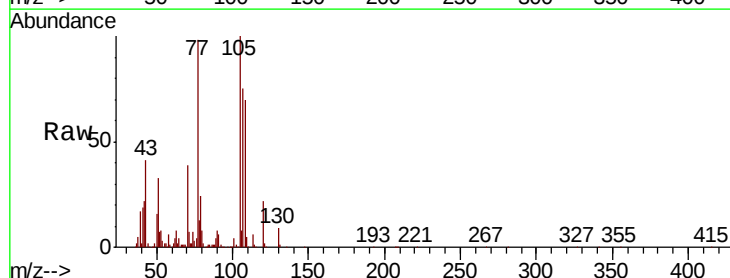
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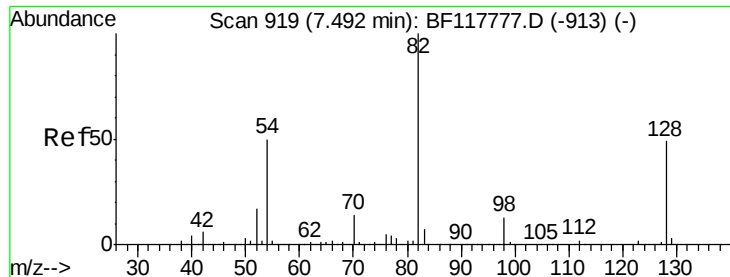
mohammad
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#22
Acetophenone
Concen: 44.911 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		567244		
71	6.5	5.9	8.9		
51	32.7	20.2	30.2		
120	22.4	17.9	26.9		





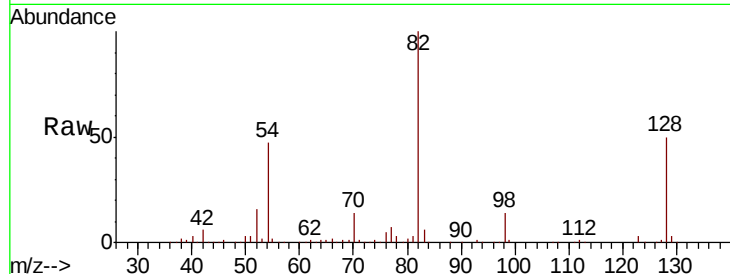
#23
Nitrobenzene-d5
Concen: 69.979 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

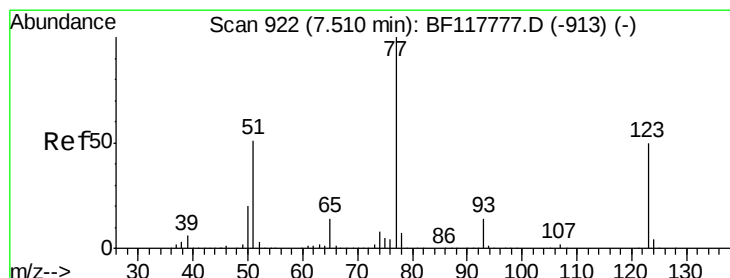
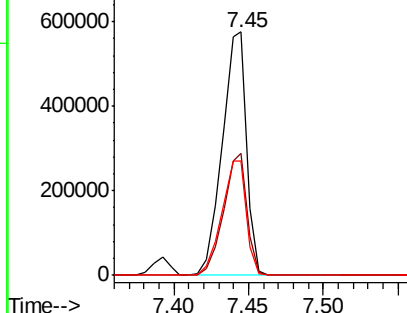
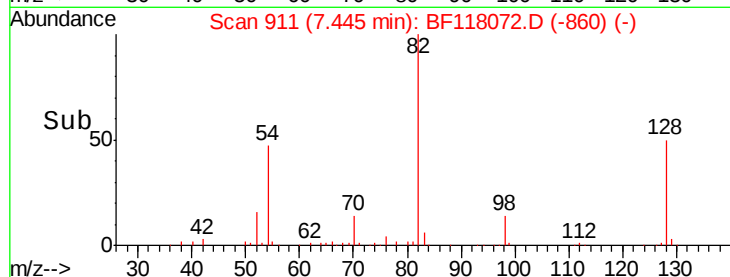
Tot Ion	Ratio	Resp	Lower	Upper
82	100	661783		
128	50.3		38.2	57.4
54	46.9		39.0	58.4

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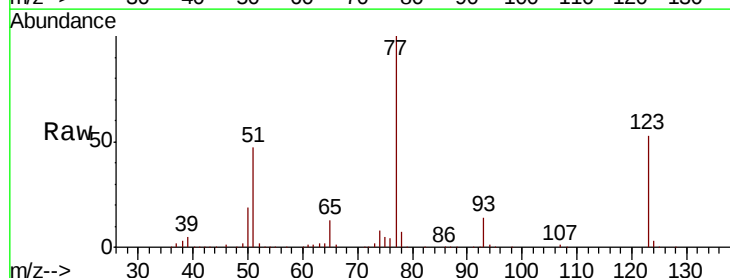


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

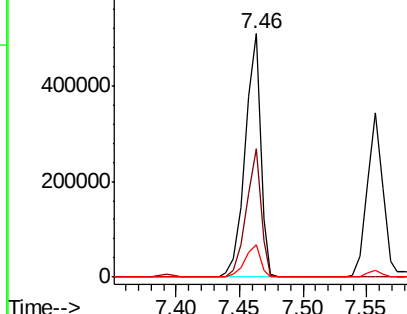
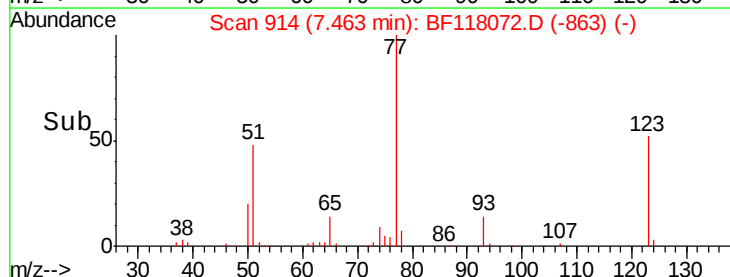


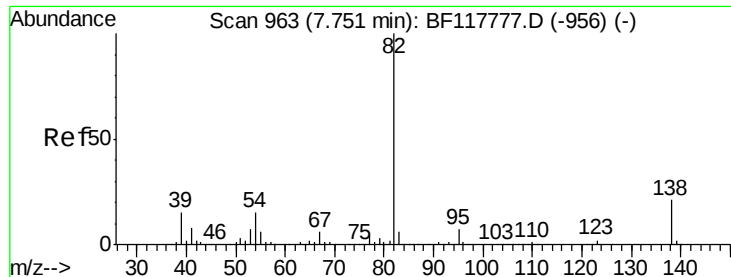
#24
Nitrobenzene
Concen: 43.732 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	426654		
123	52.6		38.2	57.2
65	13.2		11.1	16.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.018 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

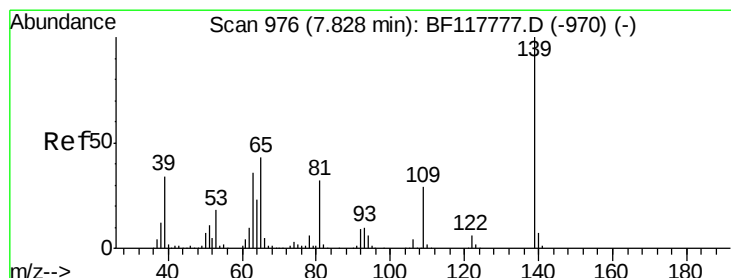
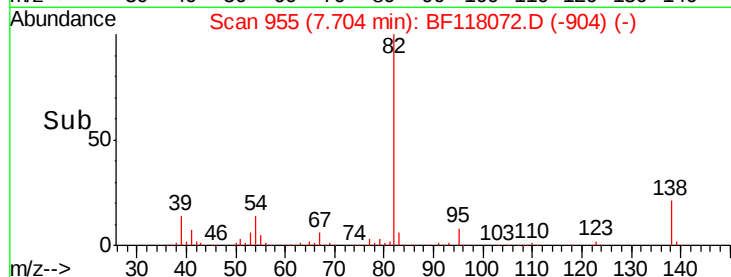
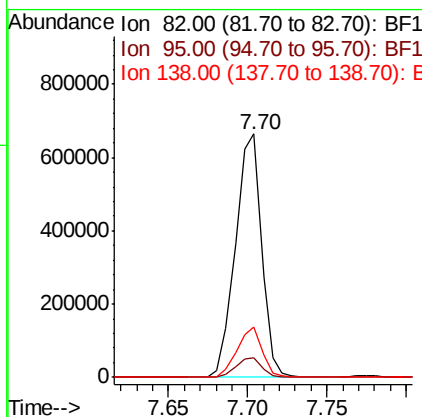
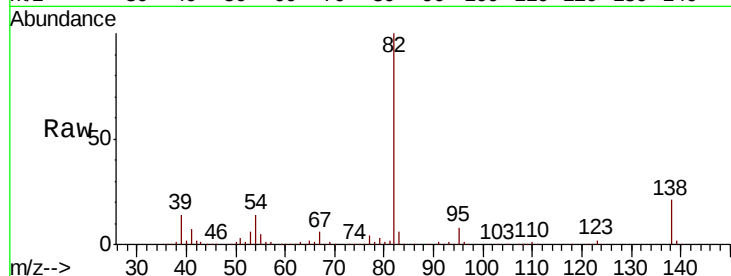
ClientSampleId :

TP-20-SMSD

Tot Ion:	82	Resp:	762961
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.2	9.2
138	20.7	15.9	23.9

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#26

2-Nitrophenol

Concen: 49.388 ng

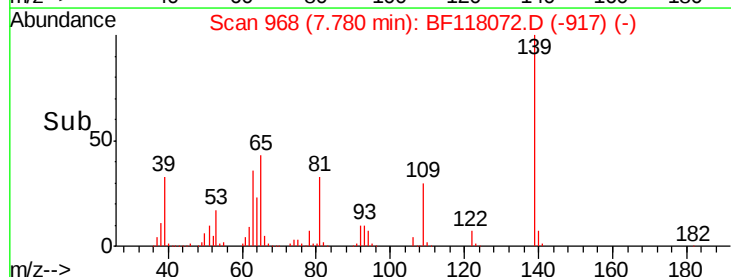
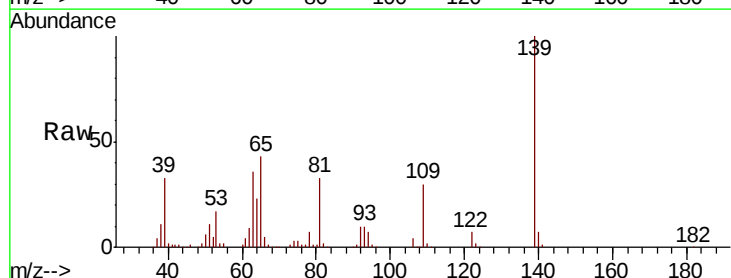
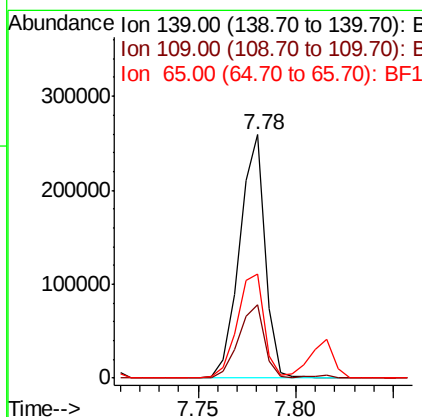
RT: 7.78 min Scan# 968

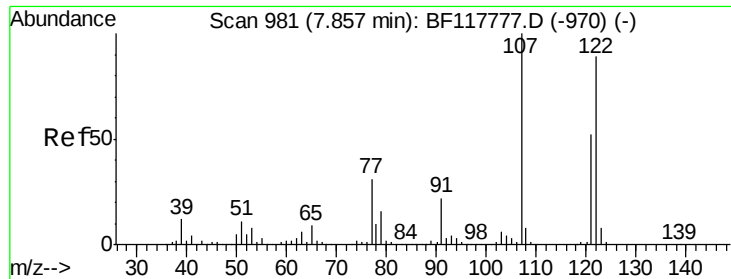
Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Tgt Ion:	139	Resp:	234522
Ion Ratio	Lower	Upper	
139	100		
109	30.4	23.8	35.6
65	43.0	36.2	54.4





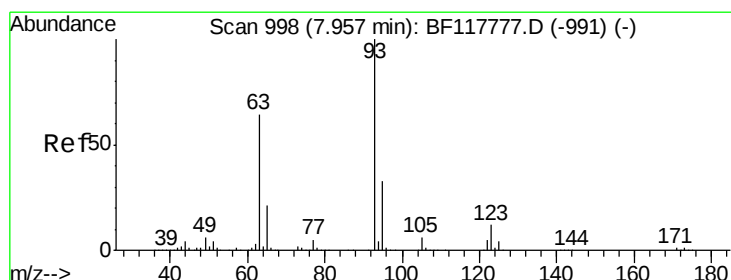
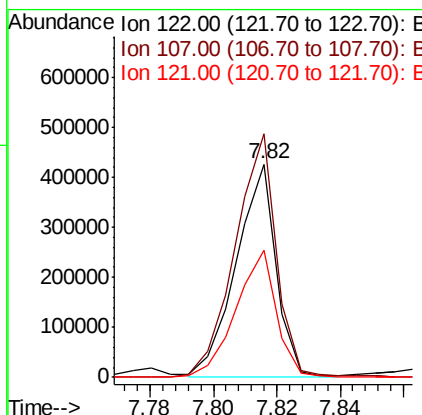
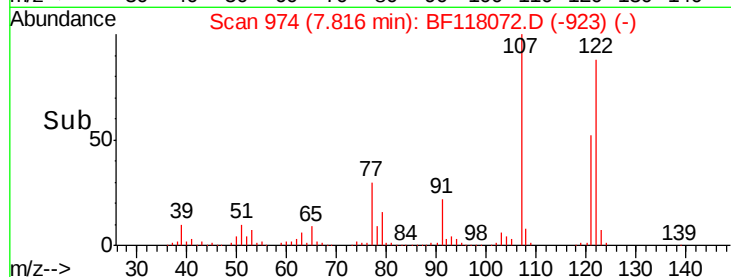
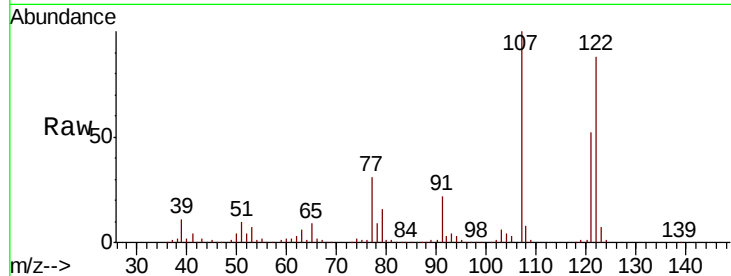
#27
2,4-Dimethylphenol
Concen: 50.536 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	114.0	92.6	138.8		
121	59.8	46.9	70.3		

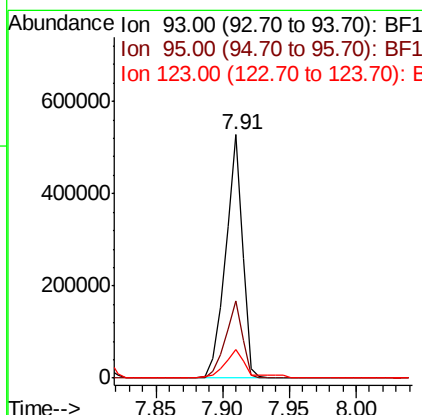
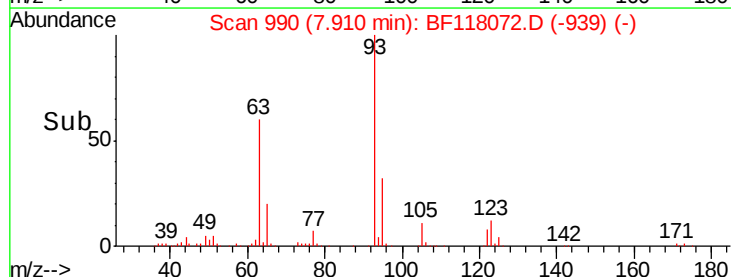
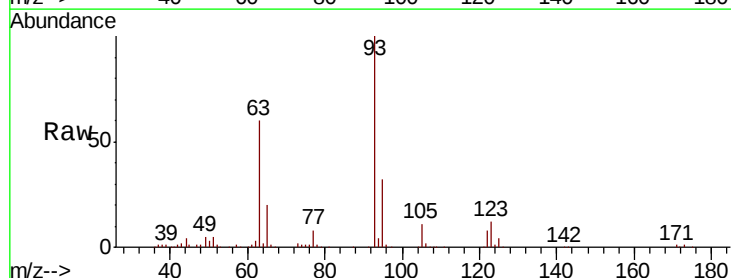
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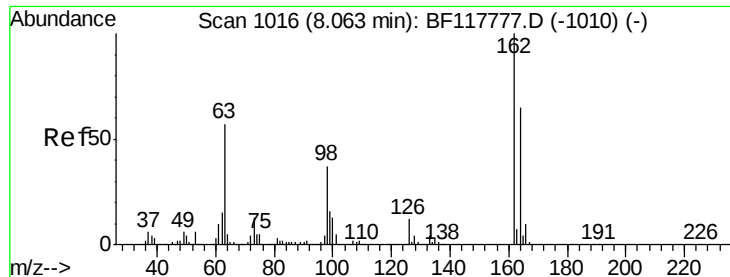
mohammad
12/4/2019 5:01:43 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.329 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	31.9	26.4	39.6		
123	12.0	10.2	15.4		





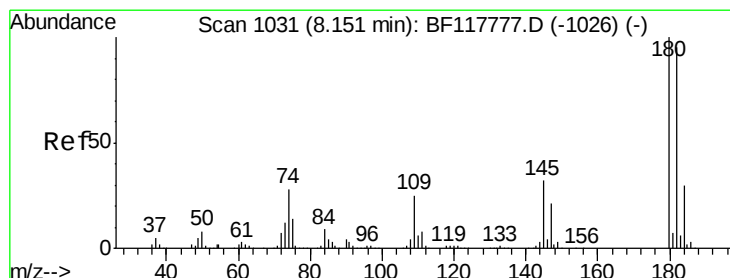
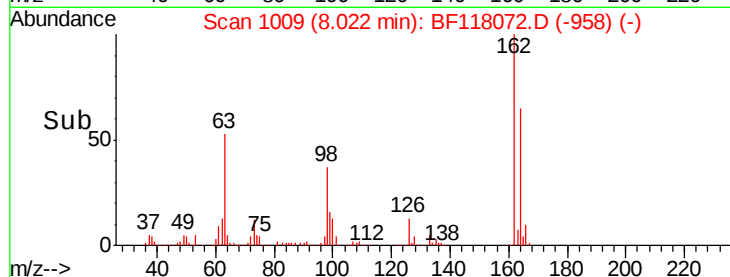
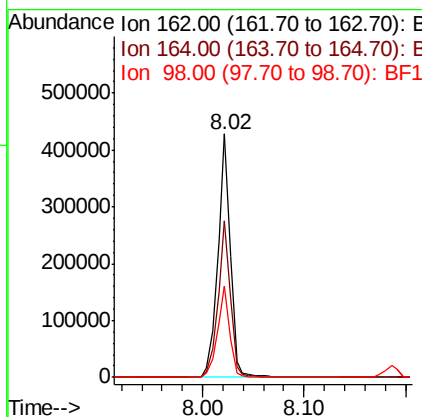
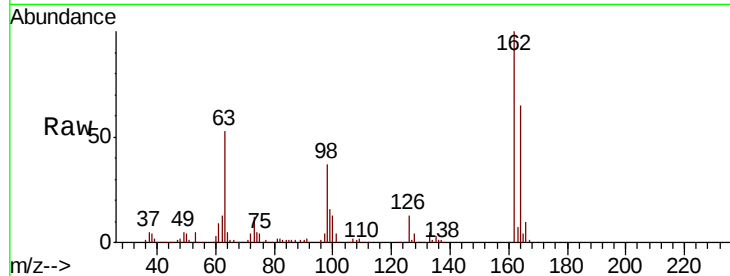
#29
2,4-Dichlorophenol
Concen: 45.730 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampled :
TP-20-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	366015		
164	64.6	42.9	82.9	
98	37.3	16.7	56.7	

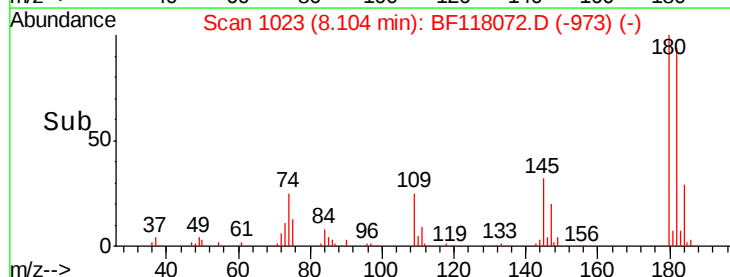
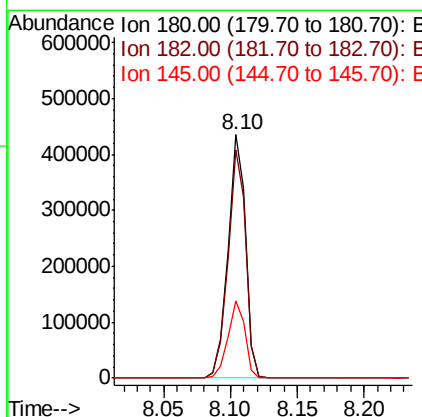
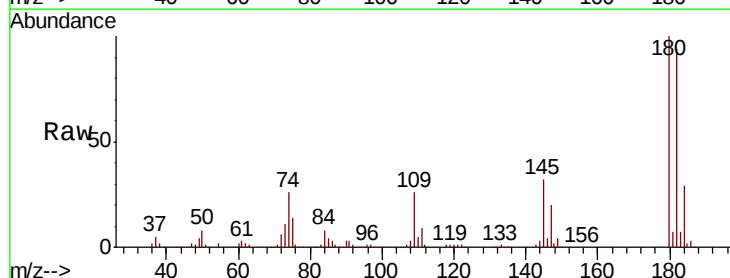
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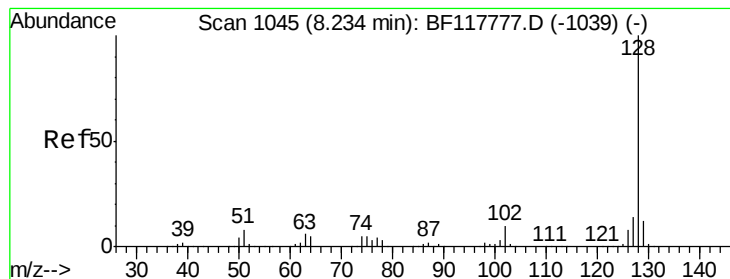
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 43.560 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	404407		
182	93.8	76.6	114.8	
145	31.8	25.1	37.7	





#31

Naphthalene

Concen: 47.501 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

TP-20-SMSD

Tot Ion:128 Resp: 1244896

Ion Ratio Lower Upper

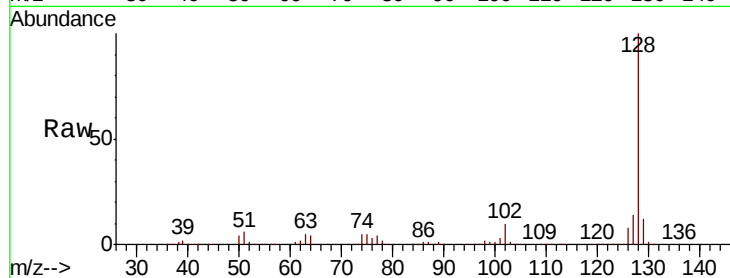
128 100

129 11.6 8.8 13.2

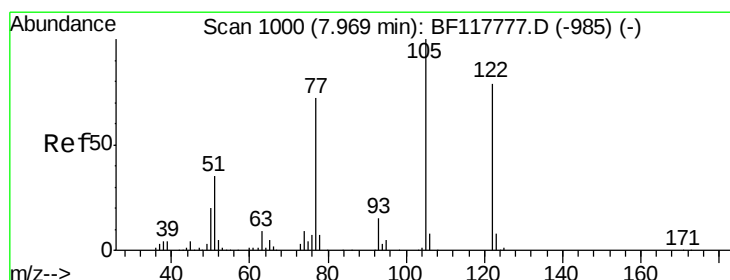
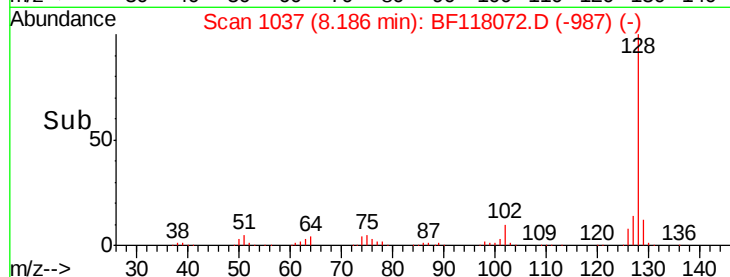
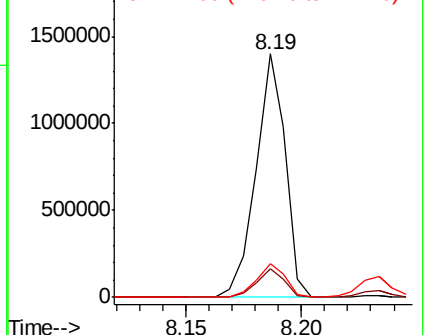
127 13.7 10.6 16.0

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



#32

Benzoic acid

Concen: 42.027 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

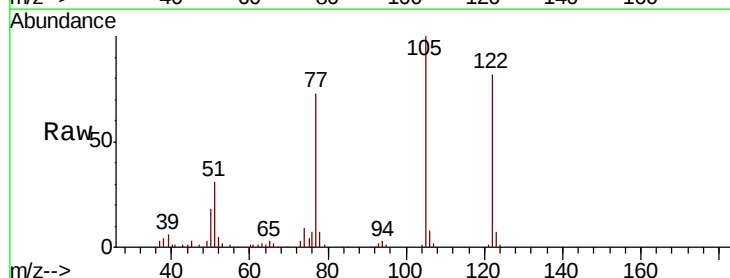
Tgt Ion:122 Resp: 259653

Ion Ratio Lower Upper

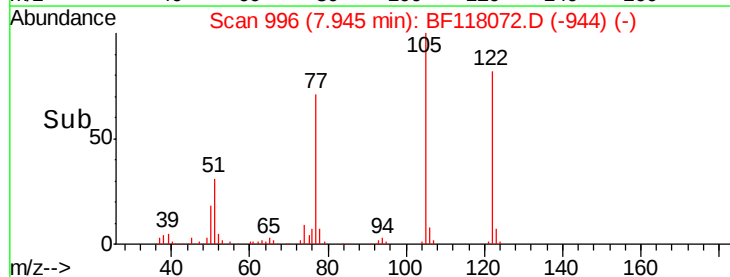
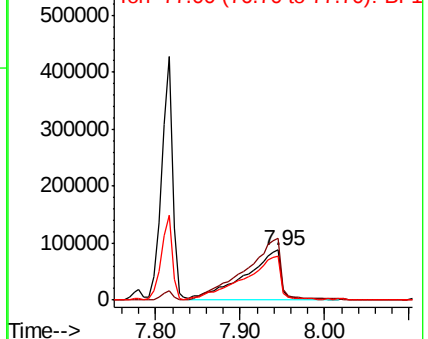
122 100

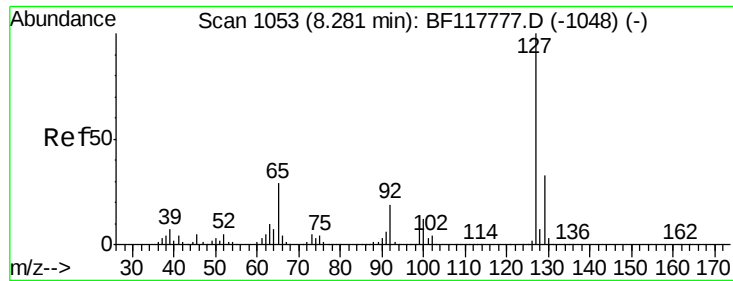
105 121.9 101.4 141.4

77 88.5 66.4 106.4



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





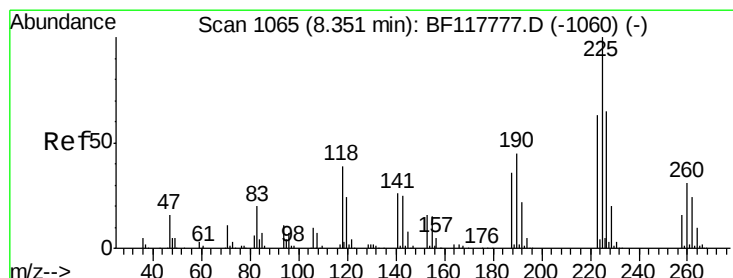
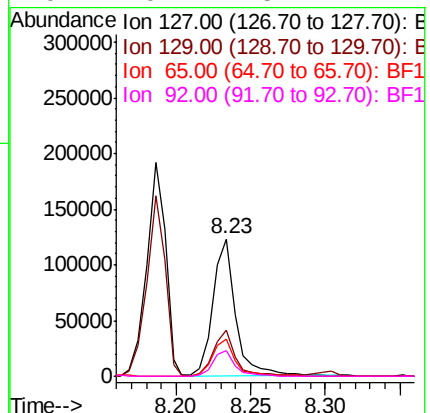
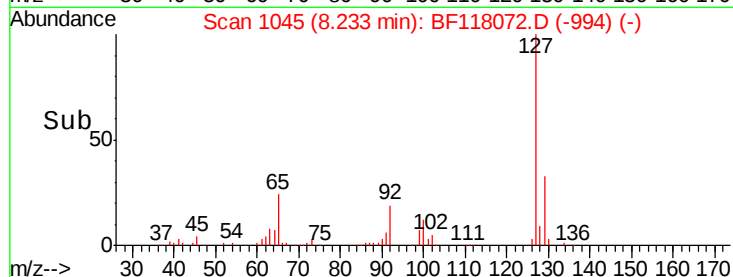
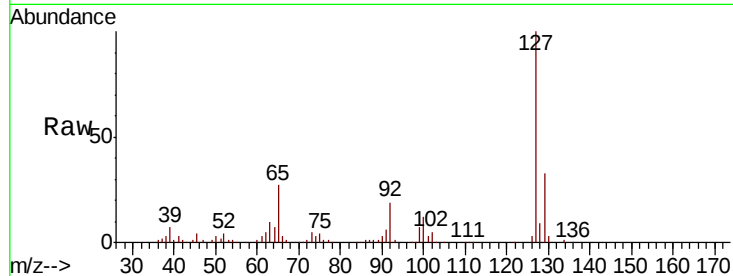
#33
4-Chloroaniline
Concen: 11.034 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	25.4	38.0		
65	26.7	23.4	35.0		
92	19.1	15.1	22.7		

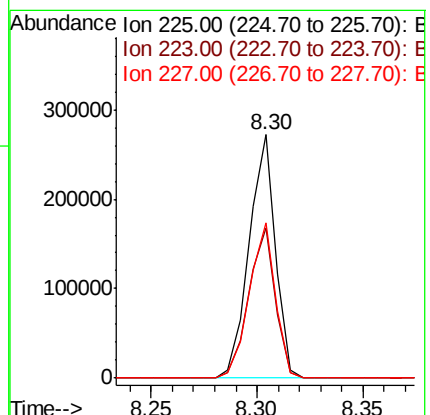
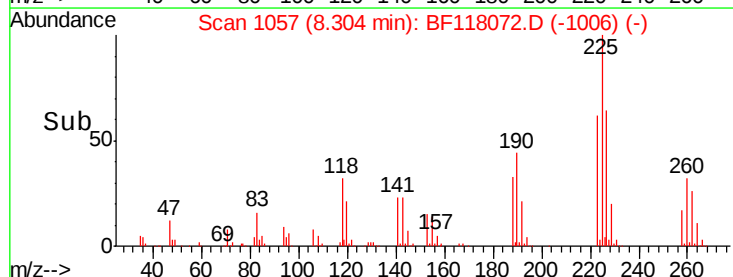
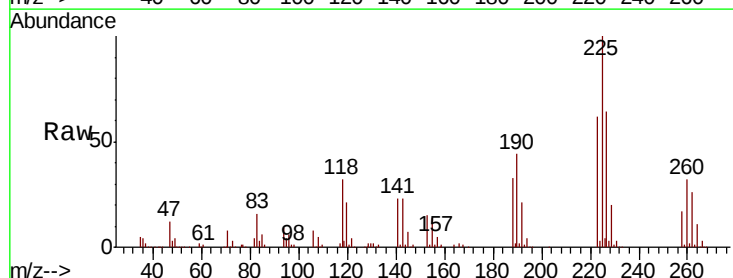
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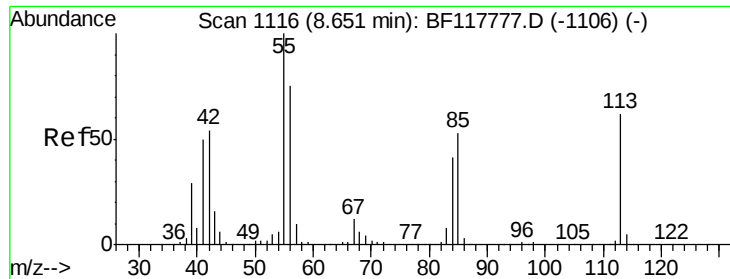
mohammad
12/4/2019 5:01:43 PM



#34
Hexachlorobutadiene
Concen: 43.295 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	51.4	77.2		
227	63.8	52.6	78.8		





#35

Caprolactam

Concen: 45.584 ng/mL

RT: 8.61 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

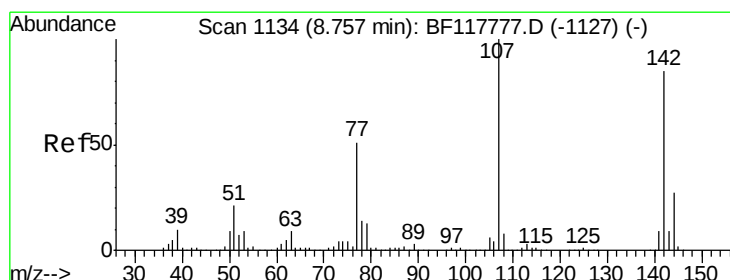
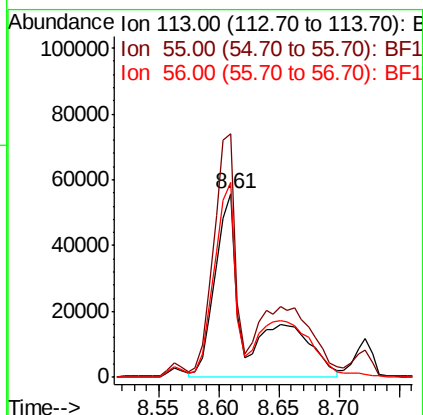
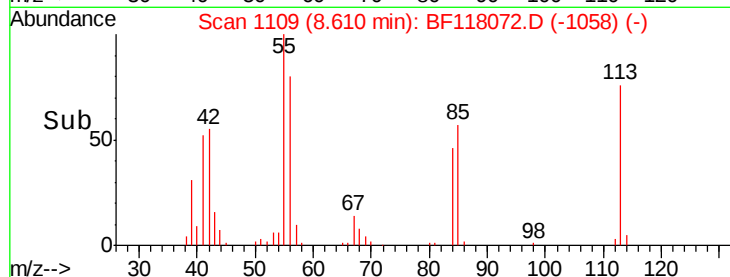
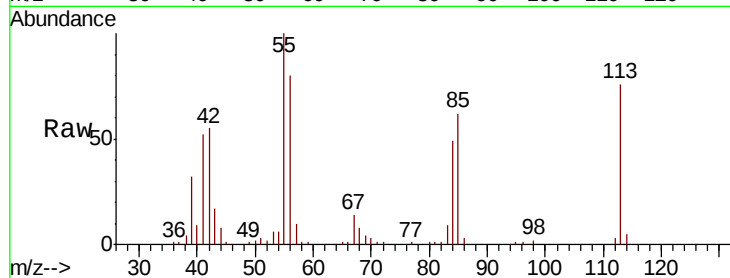
ClientSampleId :

TP-20-SMSD

Tot Ion:	113	Resp:	115953
Ion Ratio	Lower	Upper	
113	100		
55	132.4	125.5	165.5
56	105.9	88.0	128.0

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#36

4-Chloro-3-methylphenol

Concen: 48.290 ng/mL

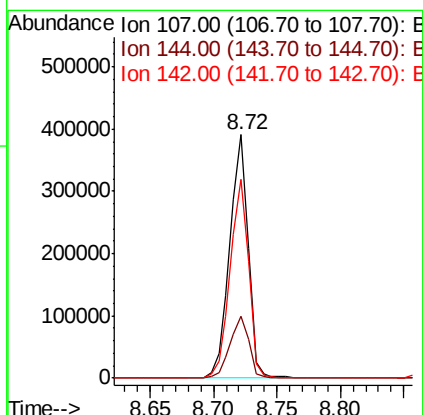
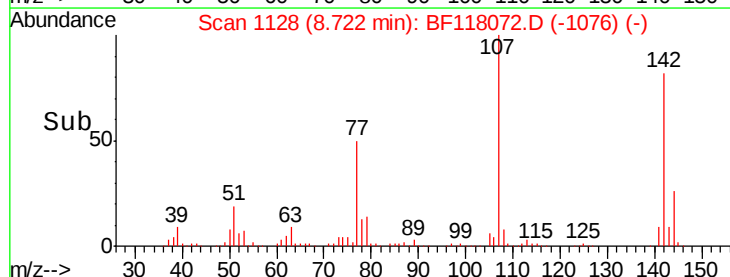
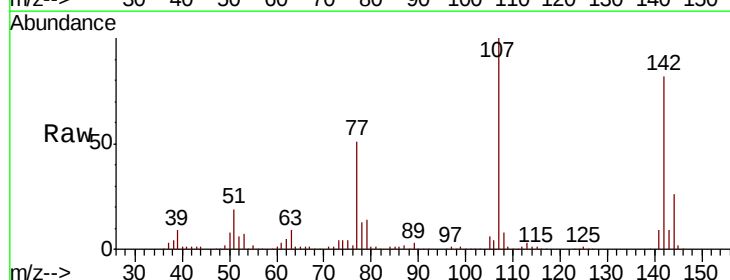
RT: 8.72 min Scan# 1128

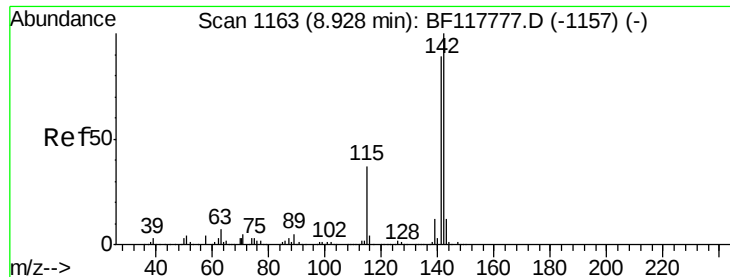
Delta R.T. 0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Tgt Ion:	107	Resp:	392246
Ion Ratio	Lower	Upper	
107	100		
144	25.6	20.6	30.8
142	81.5	62.5	93.7





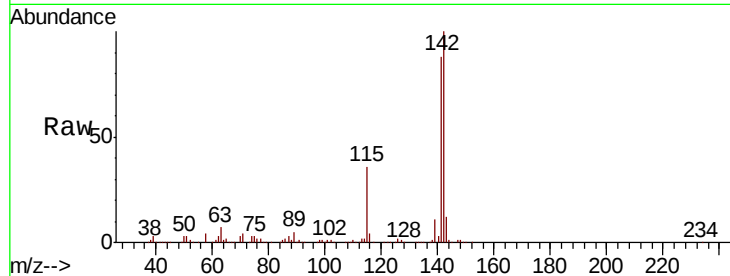
#37
2-Methylnaphthalene
Concen: 48.411 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.2	105.4
115	35.8	29.2	43.8

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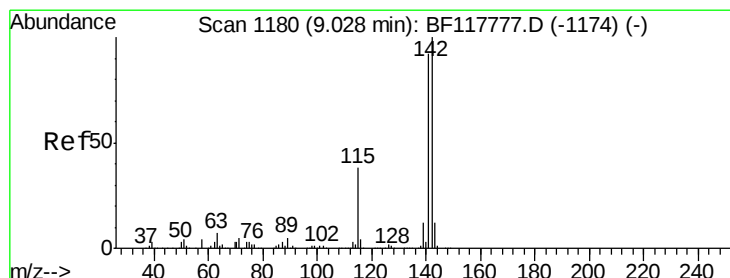
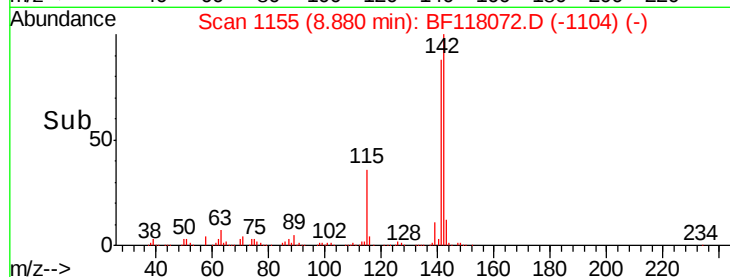
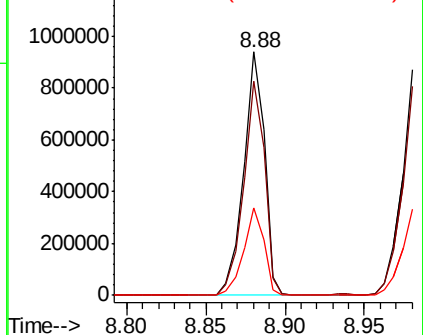


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.287 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

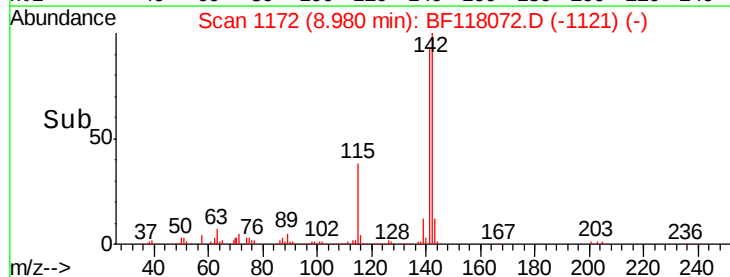
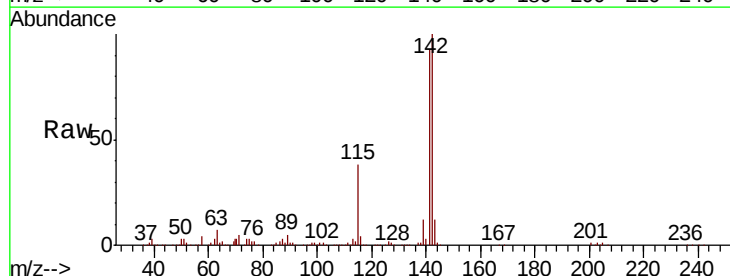
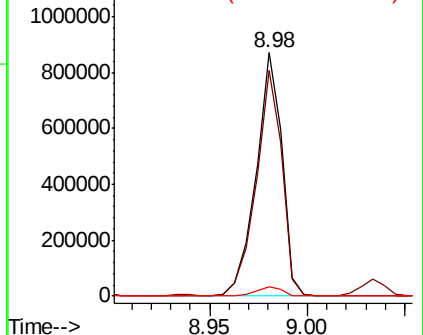
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.6	110.4
116	4.0	3.1	4.7

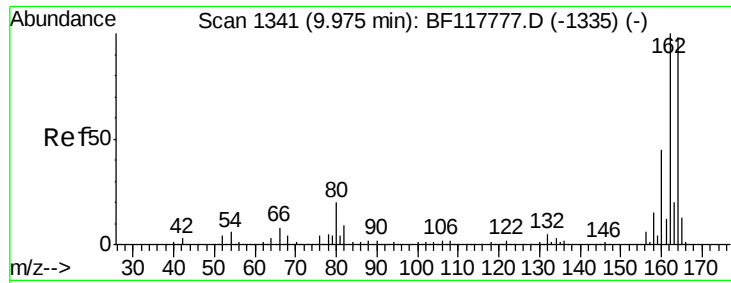
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





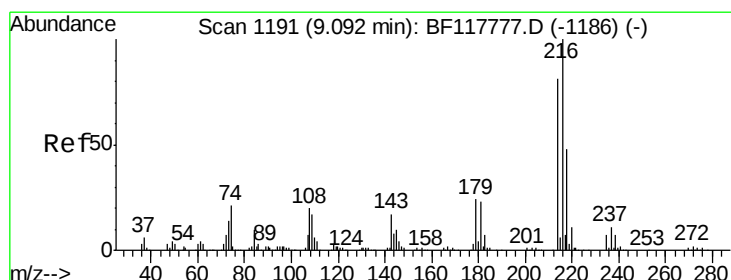
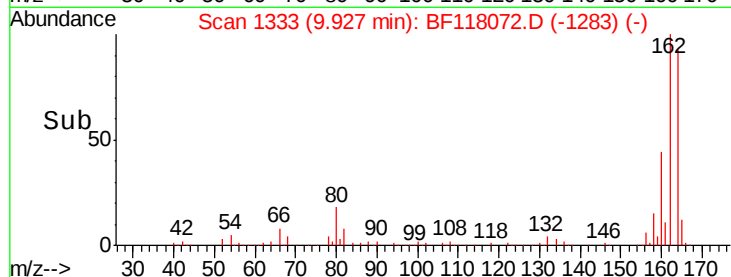
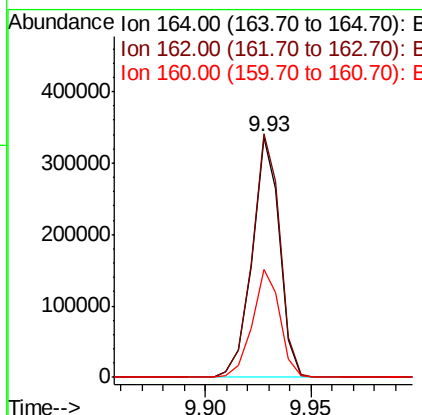
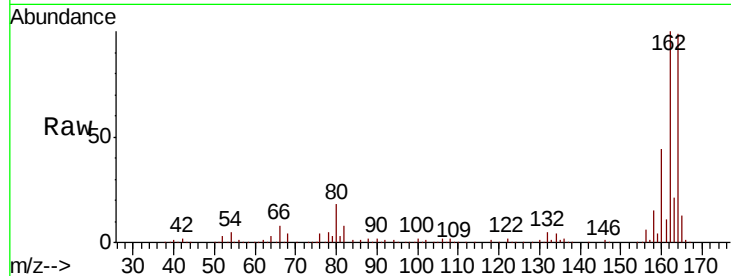
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.8	122.8
160	45.1	35.9	53.9

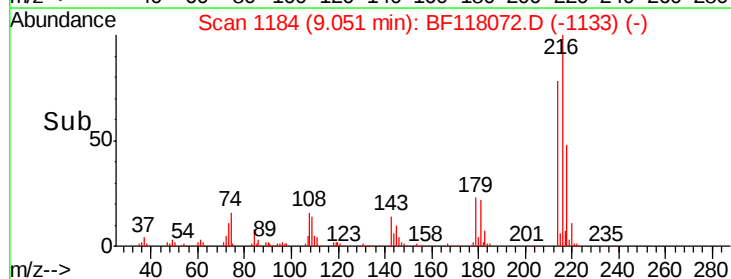
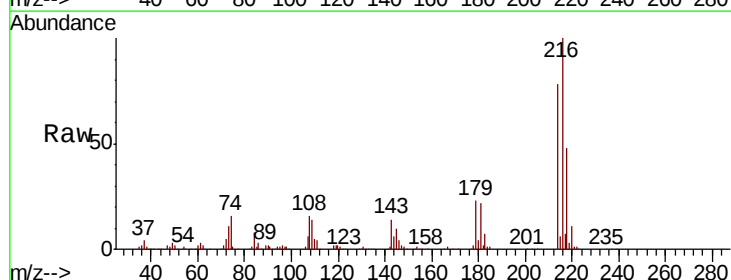
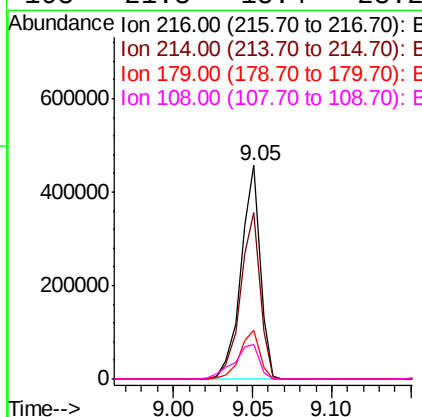
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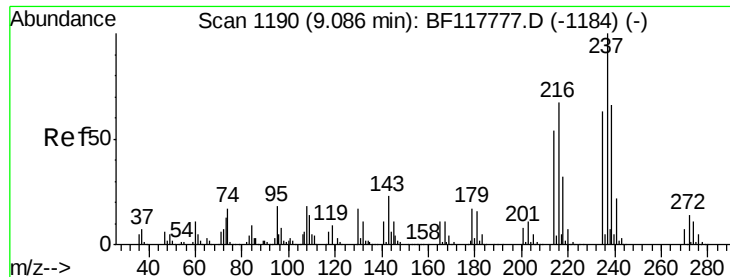
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.861 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	23.3	18.5	27.7
108	21.3	15.4	23.2





#41

Hexachlorocyclopentadiene

Concen: 84.915 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

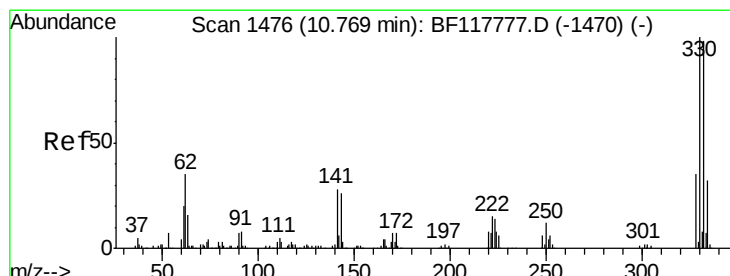
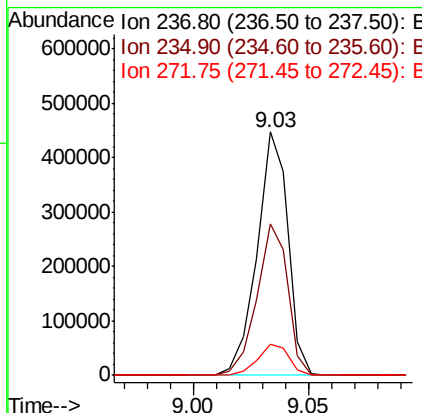
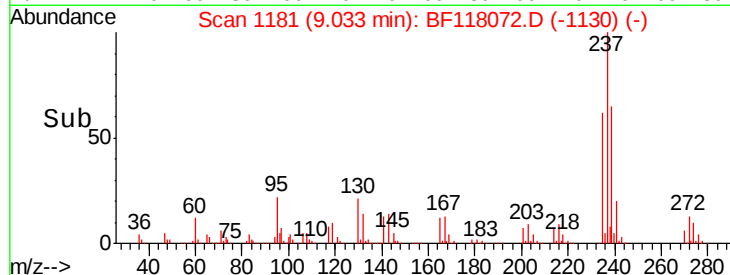
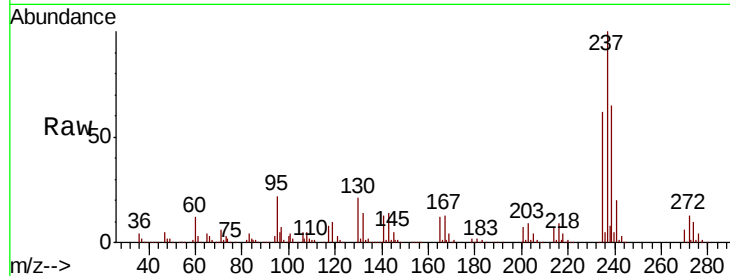
ClientSampleId :

TP-20-SMSD

Tot Ion:	237	Resp:	417867
Ion Ratio	Lower	Upper	
237	100		
235	62.3	43.7	83.7
272	12.8	0.0	32.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 122.040 ng

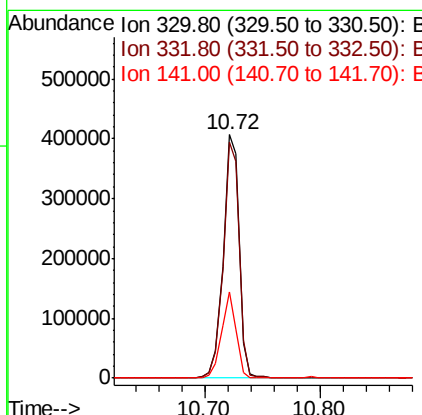
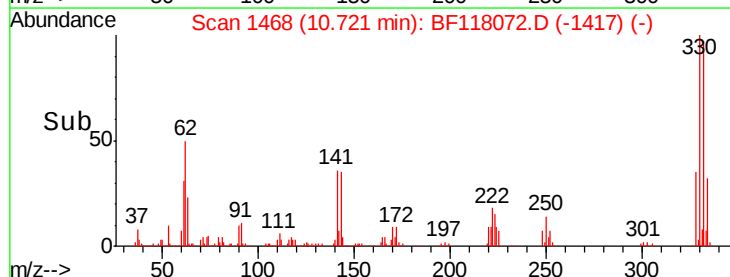
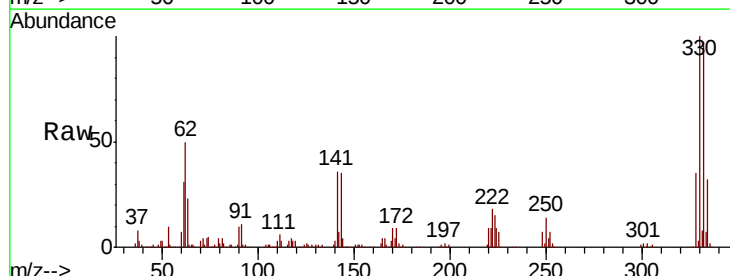
RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Tgt Ion:	330	Resp:	390672
Ion Ratio	Lower	Upper	
330	100		
332	97.5	78.3	117.5
141	32.6	26.4	39.6





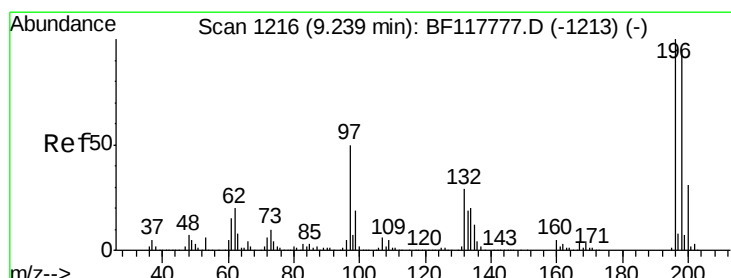
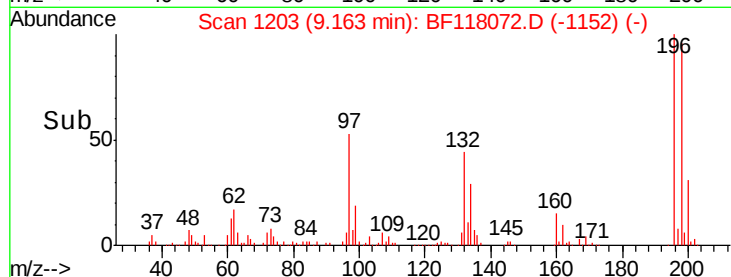
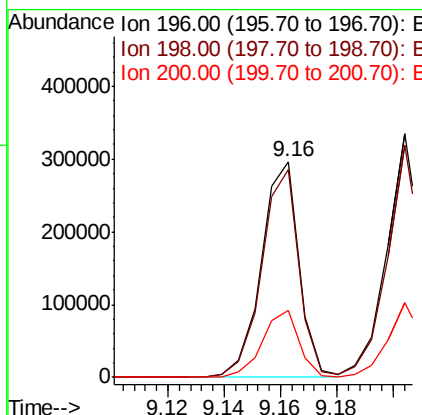
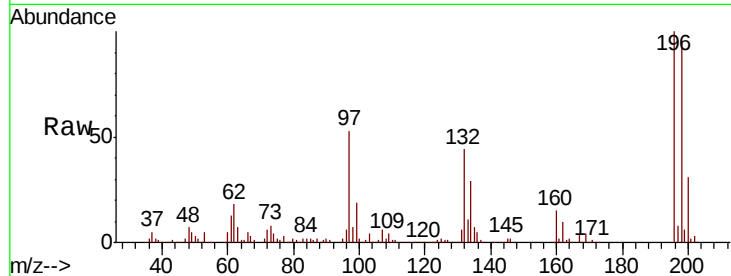
#43
 2,4,6-Trichlorophenol
 Concen: 43.533 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Instrument :
 BNA_F
 ClientSampled :
 TP-20-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	273808		
198	96.2	76.9	115.3	
200	31.2	24.2	36.4	

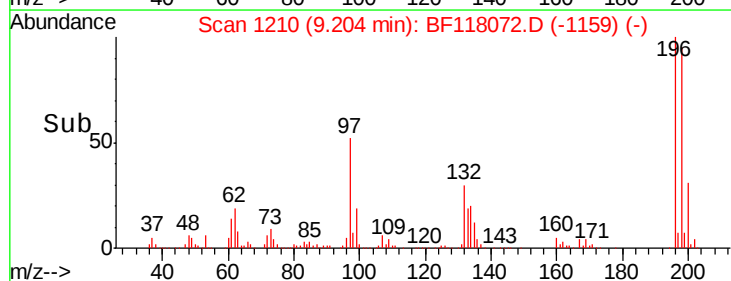
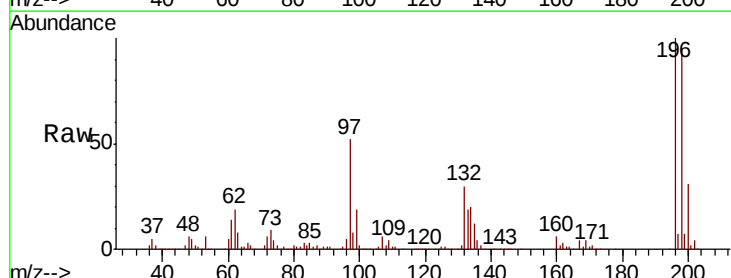
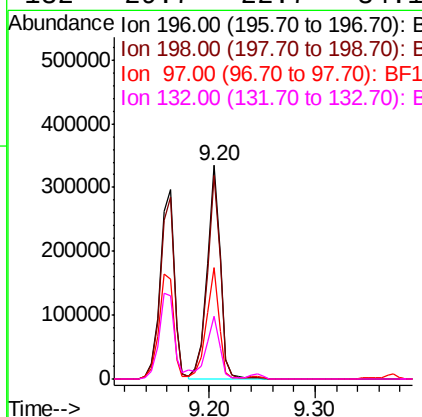
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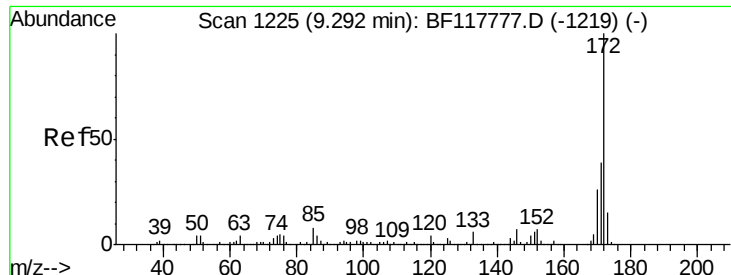
mohammad
 12/4/2019 5:01:43 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.858 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	292941		
198	95.3	78.1	117.1	
97	52.0	37.4	56.2	
132	29.7	22.7	34.1	





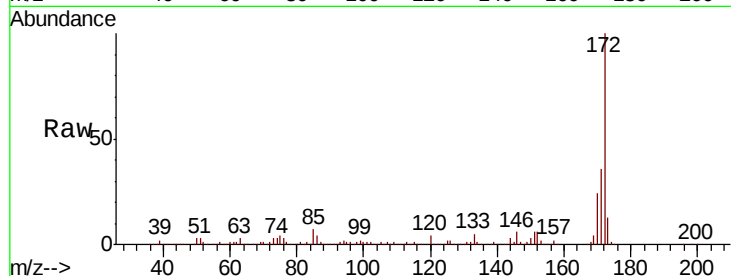
#45
2-Fluorobiphenyl
Concen: 79.713 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	24.2	19.3	28.9

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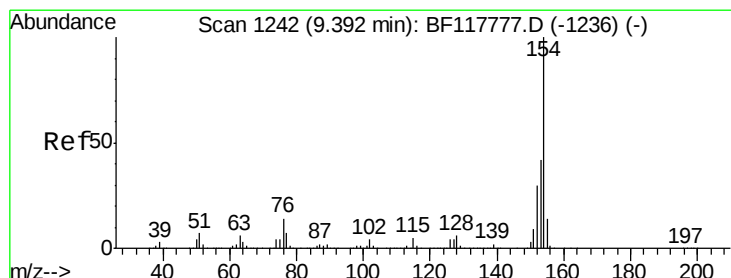
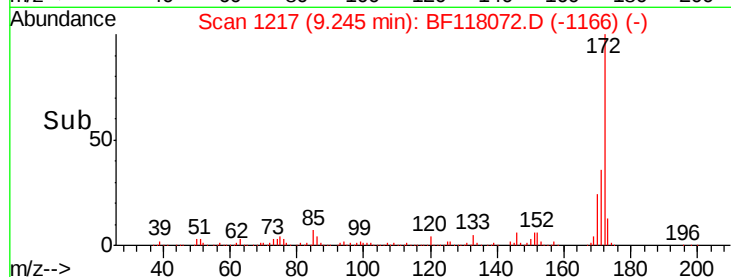
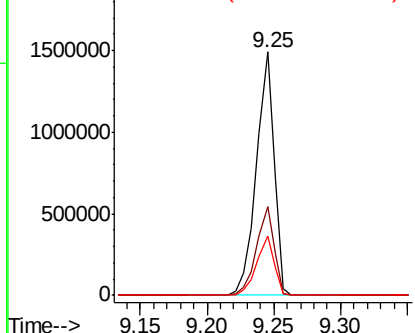


Abundance

Ion 172.00 (171.70 to 172.70): E

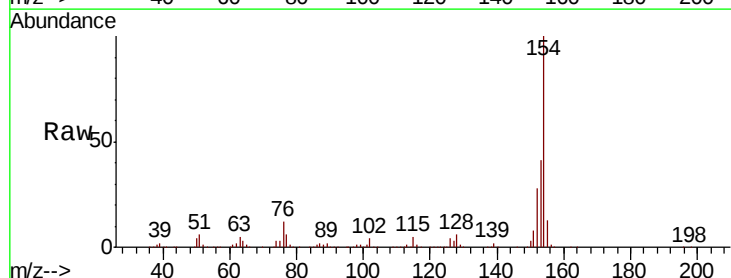
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 47.204 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.1	61.1
76	12.1	0.0	30.8

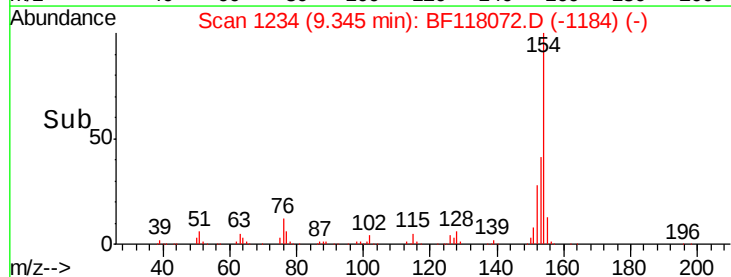
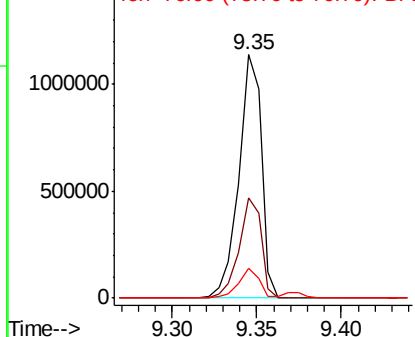


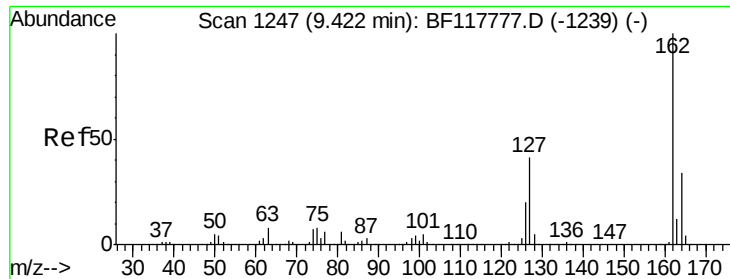
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





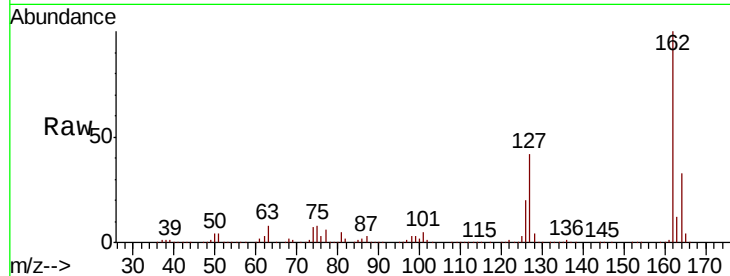
#47
2-Chloronaphthalene
Concen: 43.823 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	34.6	52.0
164	33.3	26.0	39.0

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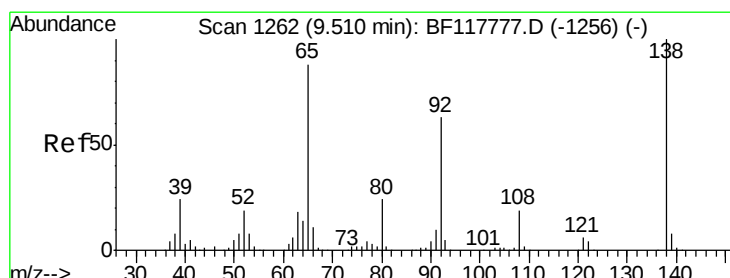
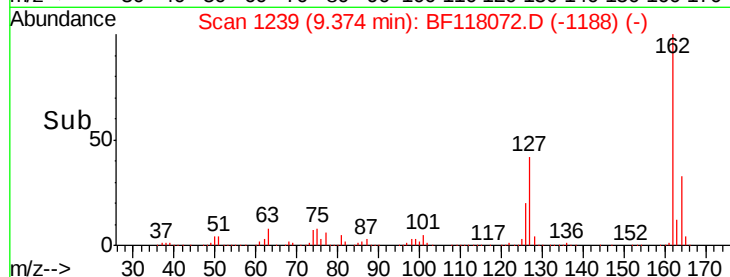
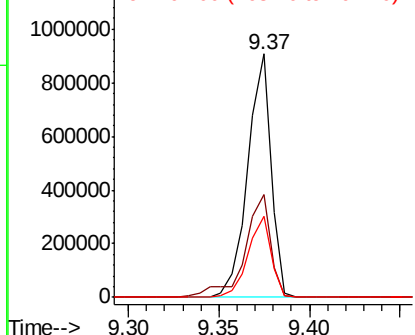


Abundance

Ion 162.00 (161.70 to 162.70): E

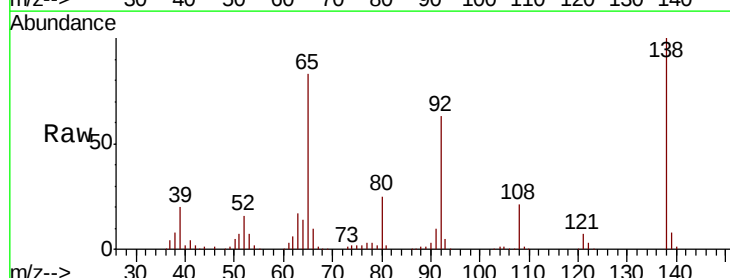
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.151 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	57.9	86.9
138	120.1	96.2	144.2

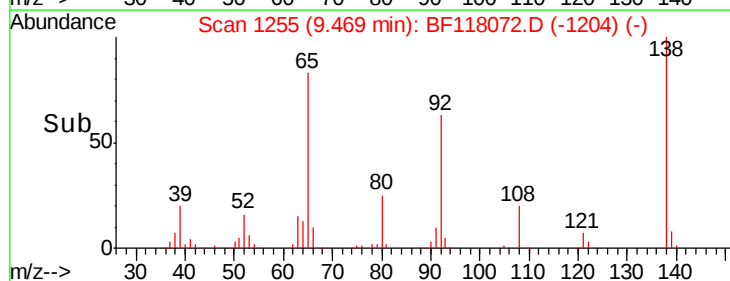
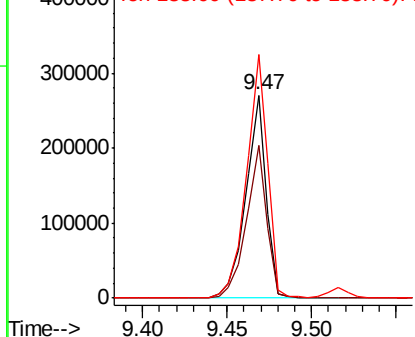


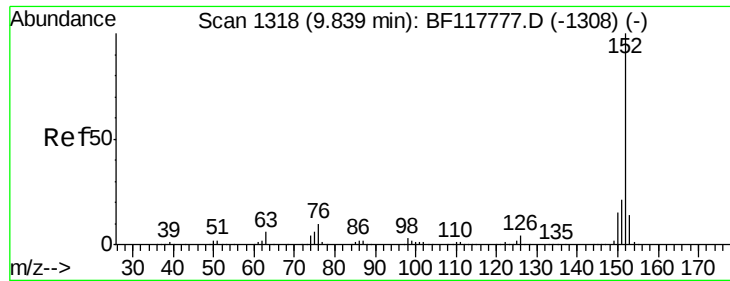
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.044 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

TP-20-SMSD

Tot Ion:152 Resp: 1292687

Ion Ratio Lower Upper

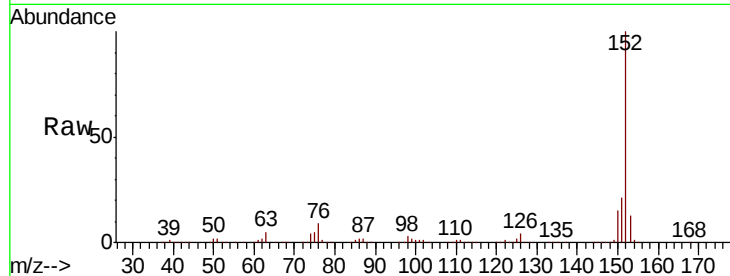
152 100

151 20.9 16.7 25.1

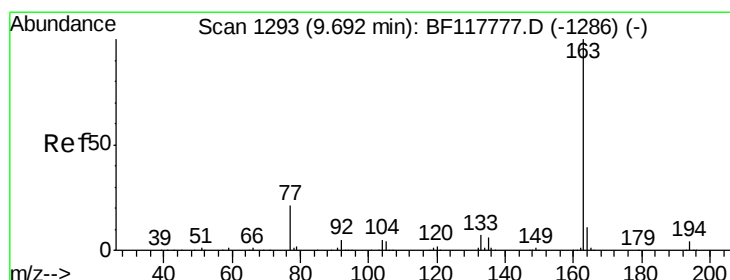
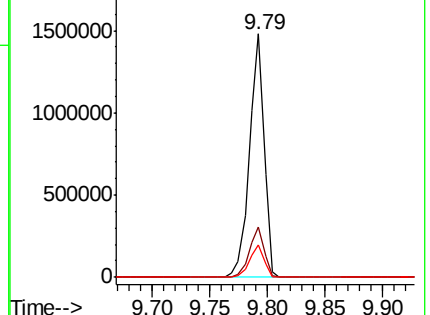
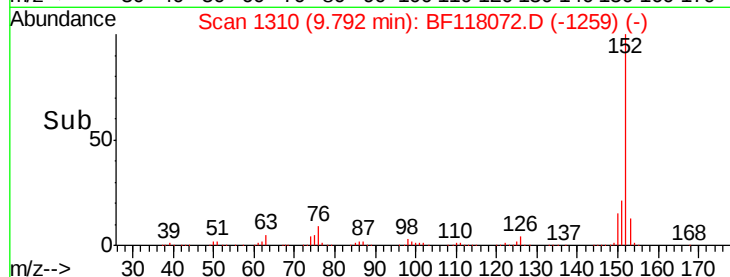
153 13.4 11.1 16.7

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Abundance Ion 152.00 (151.70 to 152.70): E
2000000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.177 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

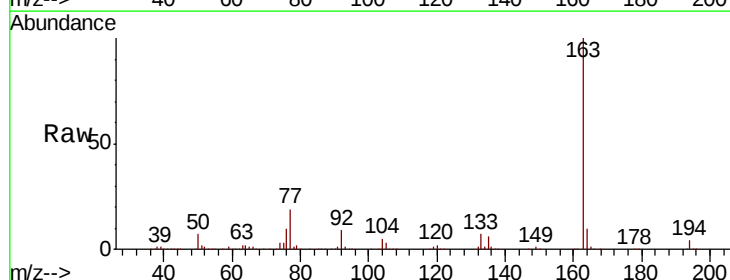
Tgt Ion:163 Resp: 1148759

Ion Ratio Lower Upper

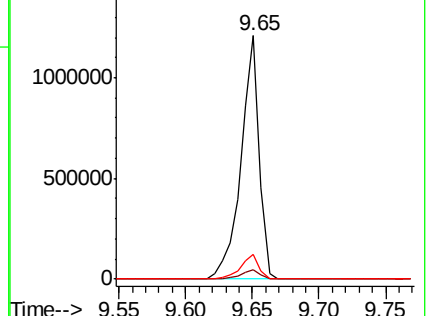
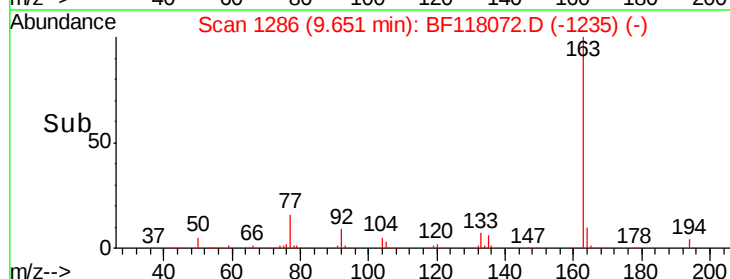
163 100

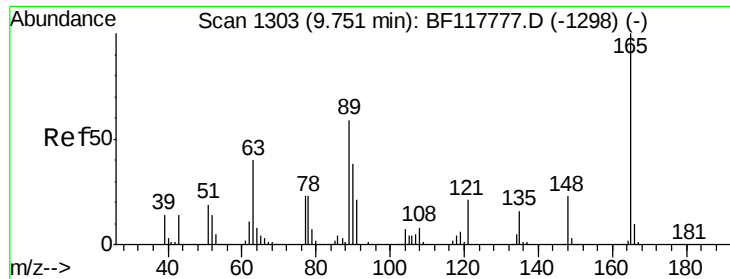
194 3.9 3.1 4.7

164 10.0 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





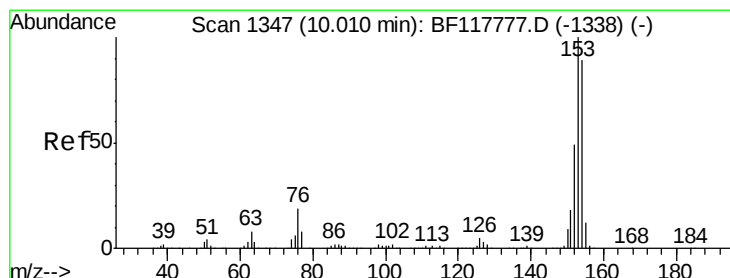
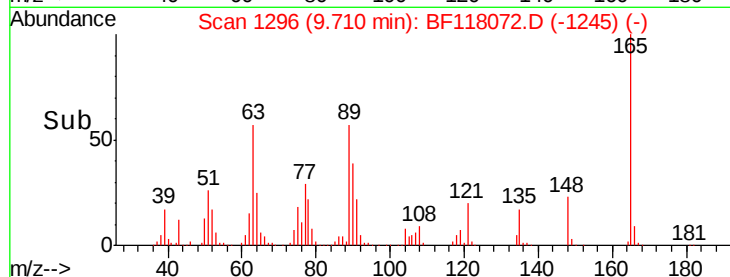
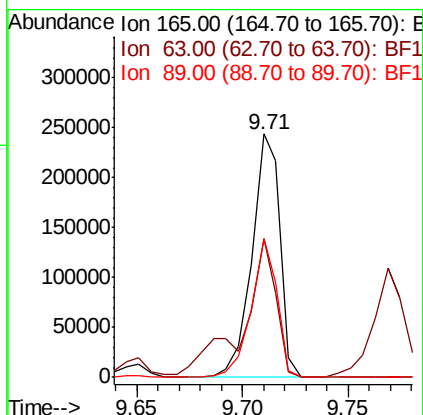
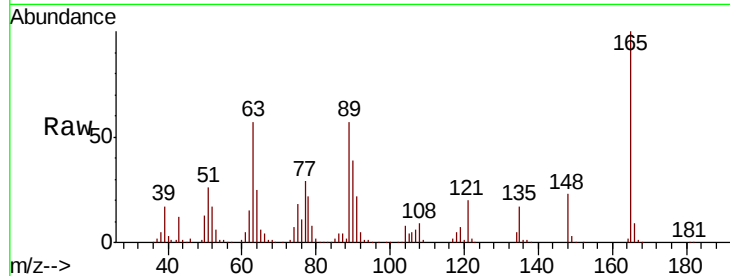
#51
2,6-Dinitrotoluene
Concen: 48.326 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	223948		
63	56.8	43.9	65.9	
89	56.9	45.5	68.3	

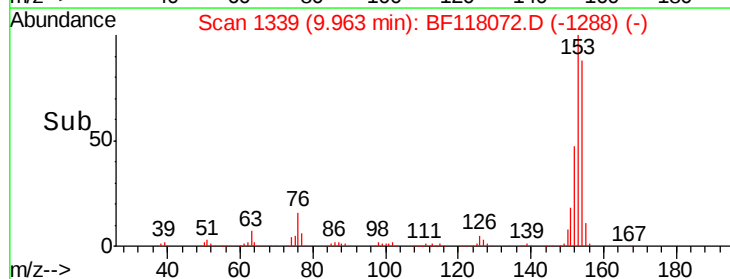
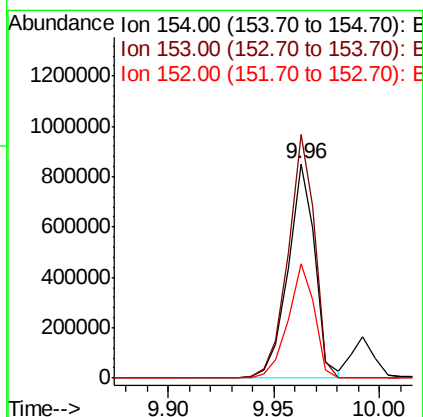
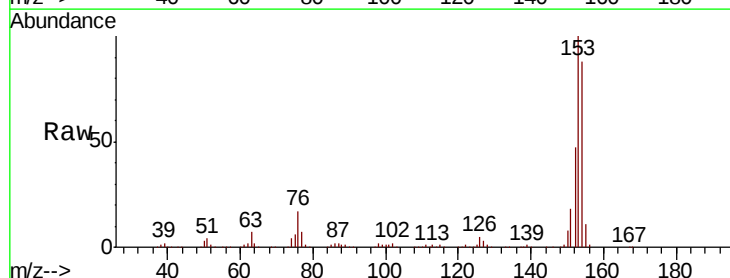
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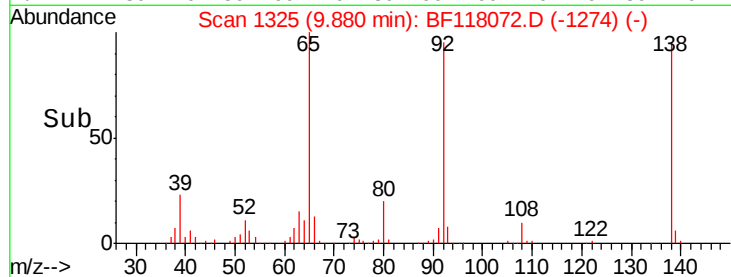
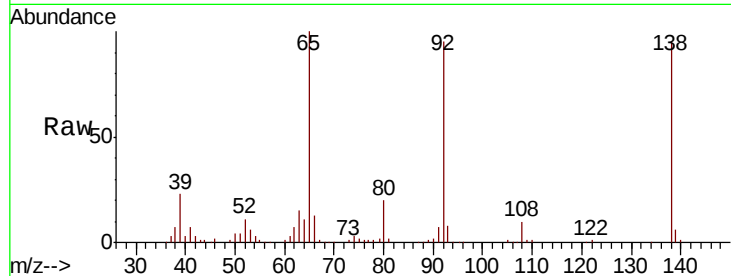
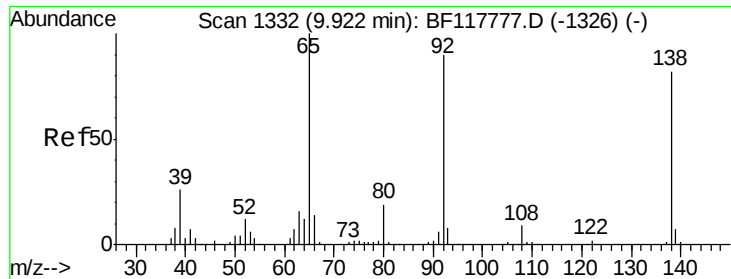
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#52
Acenaphthene
Concen: 43.946 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	757447		
153	113.6	91.2	136.8	
152	53.4	43.6	65.4	





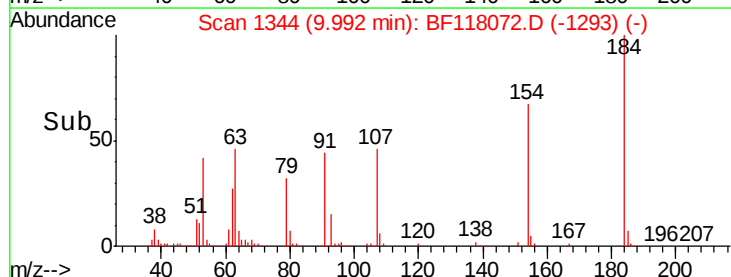
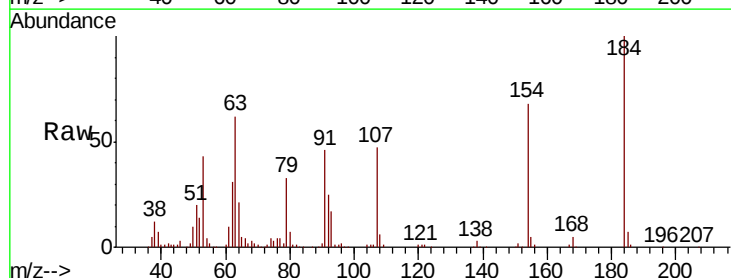
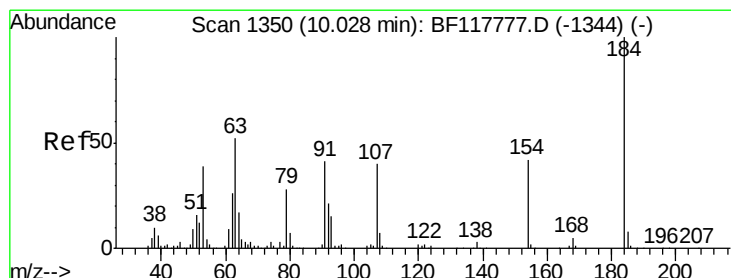
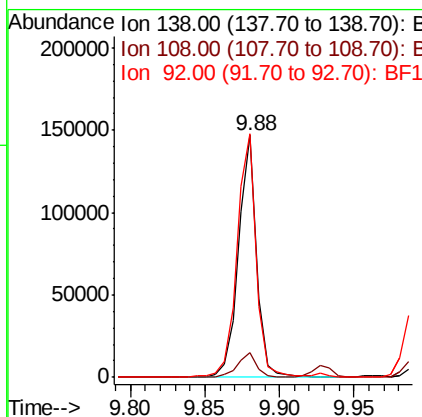
#53
3-Nitroaniline
Concen: 22.552 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.7	13.1
92	100.5	87.4	131.0

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

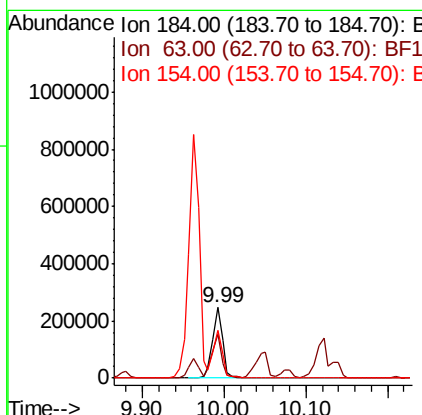
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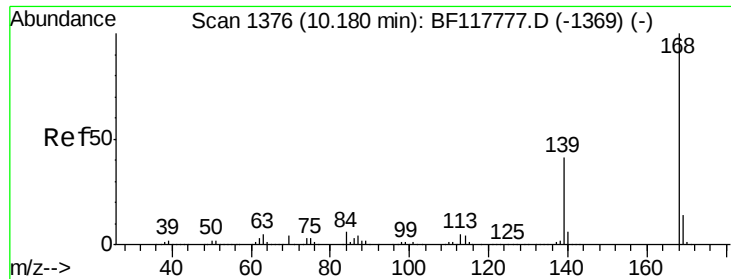
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#54
2,4-Dinitrophenol
Concen: 90.073 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.1	45.3	67.9
154	67.6	51.6	77.4





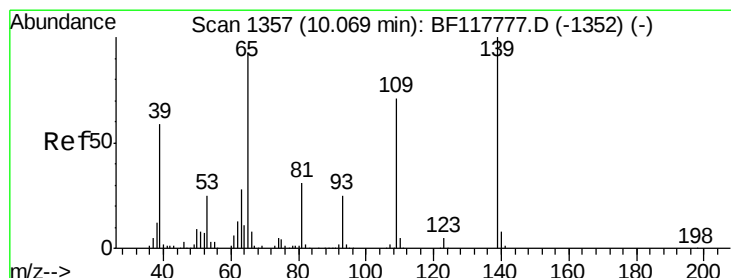
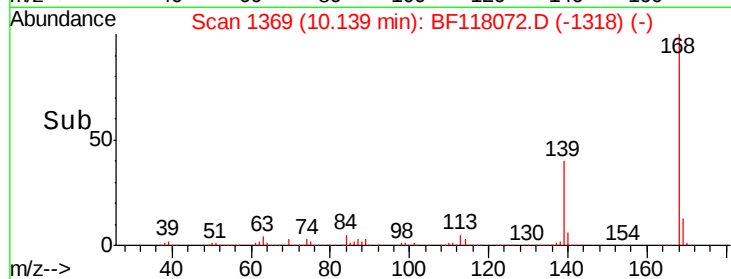
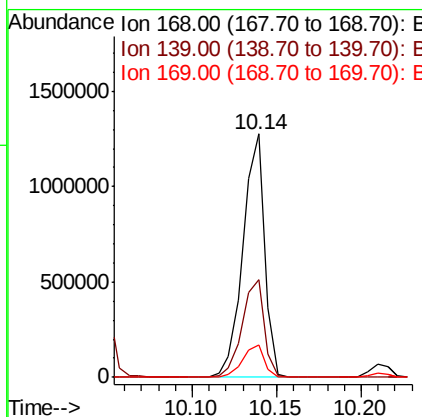
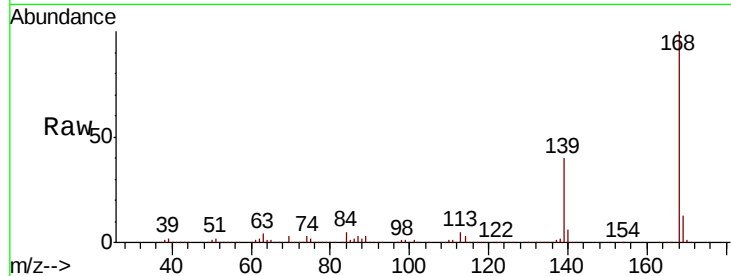
#55
Dibenzofuran
Concen: 48.001 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion:168 Resp: 1145671
Ion Ratio Lower Upper
168 100
139 40.0 32.5 48.7
169 13.1 10.8 16.2

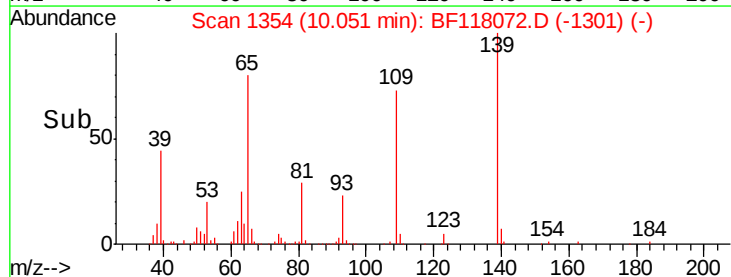
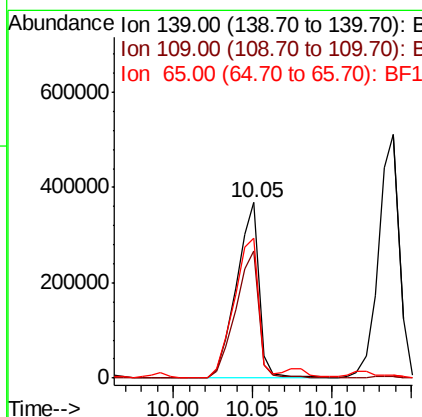
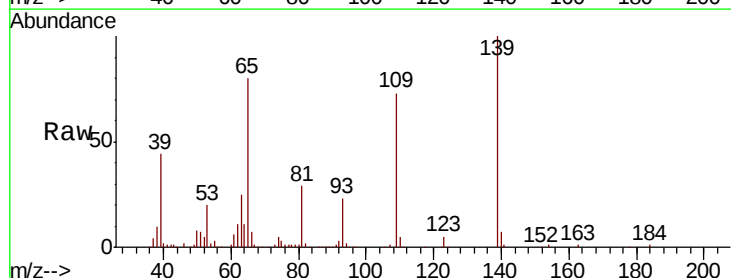
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#56
4-Nitrophenol
Concen: 88.290 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion:139 Resp: 365436
Ion Ratio Lower Upper
139 100
109 72.8 55.2 95.2
65 79.5 68.7 108.7





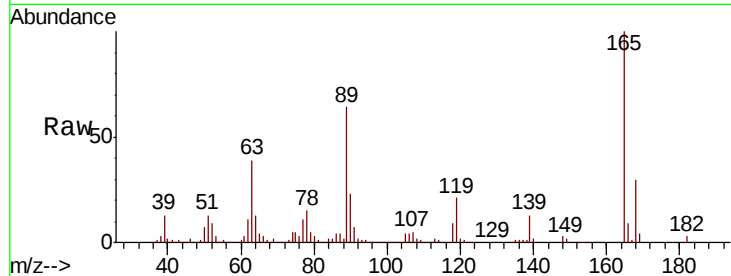
#57
2,4-Dinitrotoluene
Concen: 50.340 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	296750		
63	39.3	26.5	39.7	
89	64.1	47.2	70.8	
182	3.2	2.3	3.5	

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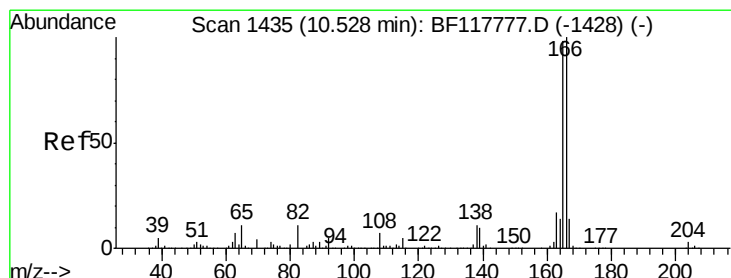
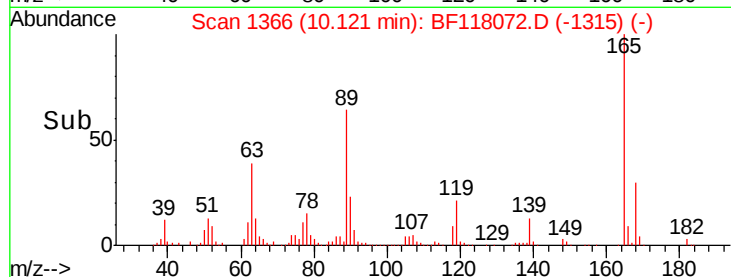
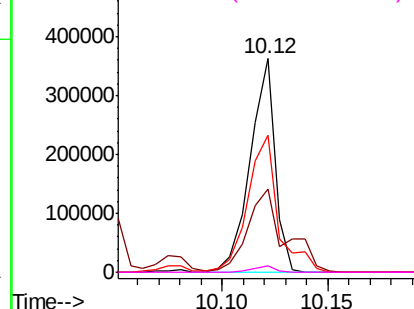
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 48.458 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

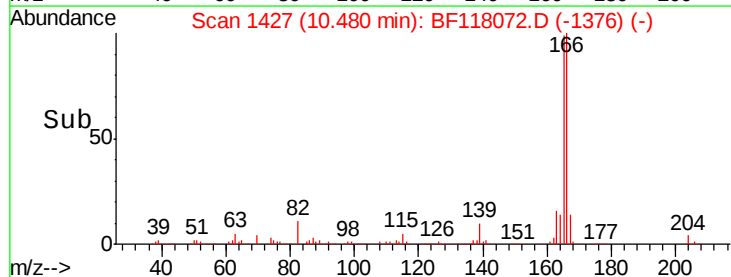
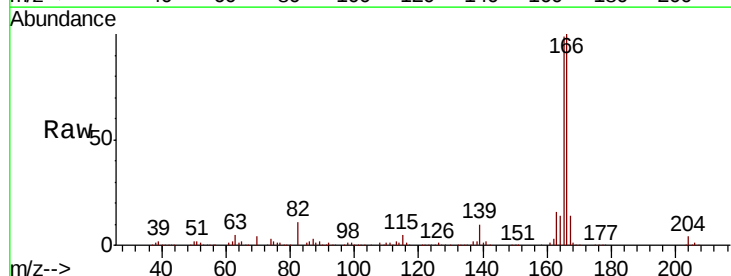
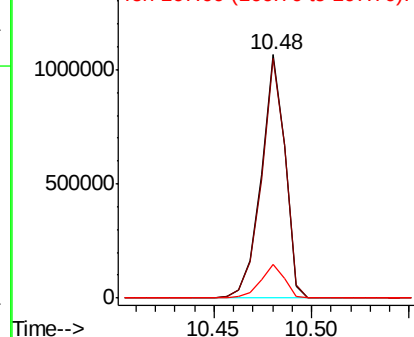
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	896268		
165	98.7	77.4	116.2	
167	13.8	10.7	16.1	

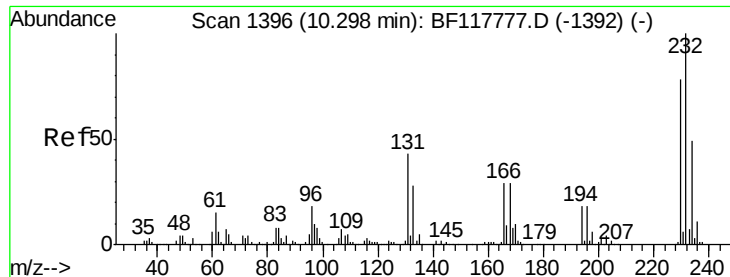
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.710 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

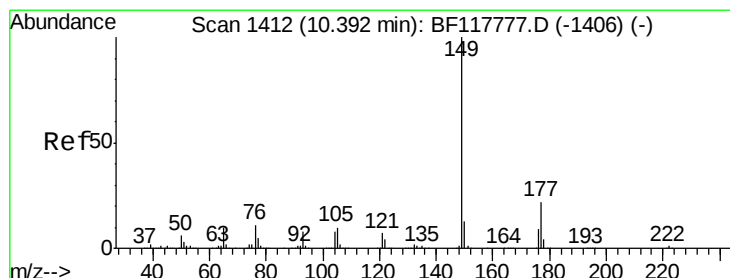
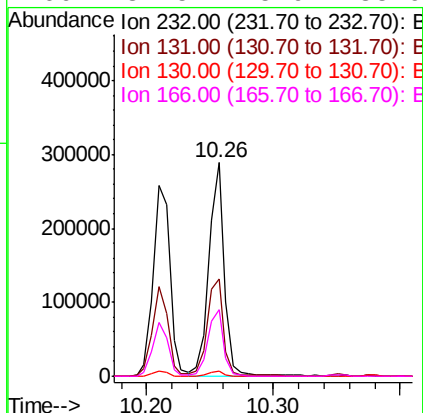
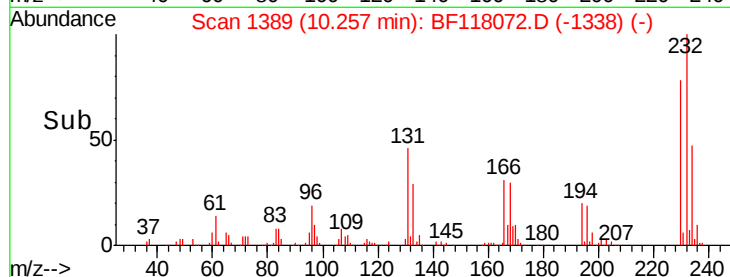
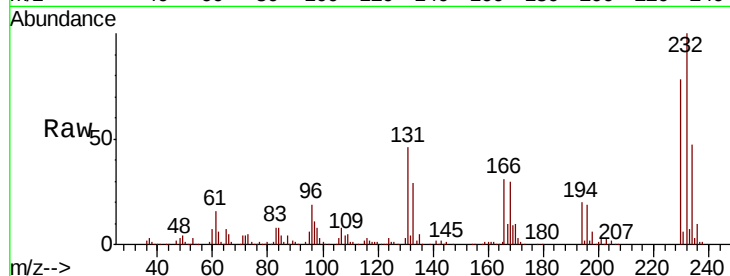
ClientSampled :

TP-20-SMSD

Tot Ion:	232	Resp:	245264
Ion Ratio	Lower	Upper	
232	100		
131	48.1	38.8	58.2
130	2.6	1.9	2.9
166	31.5	25.9	38.9

Manual Integrations
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#60

Diethylphthalate

Concen: 47.842 ng

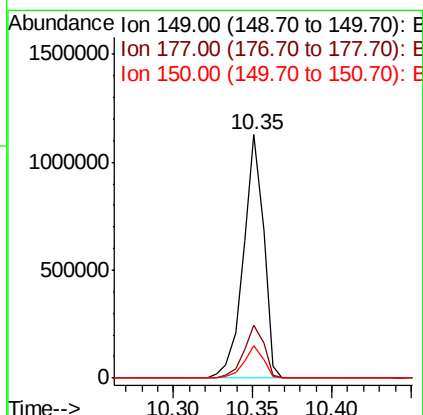
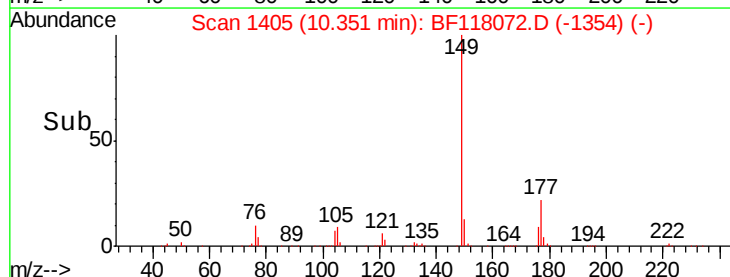
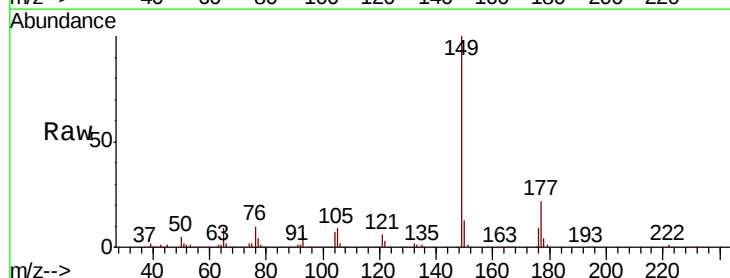
RT: 10.35 min Scan# 1405

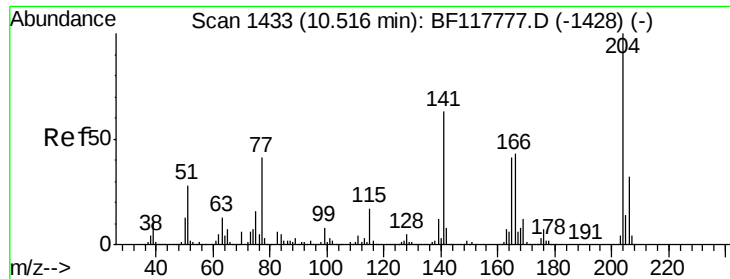
Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Tgt Ion:	149	Resp:	989010
Ion Ratio	Lower	Upper	
149	100		
177	21.8	17.6	26.4
150	13.2	9.8	14.8





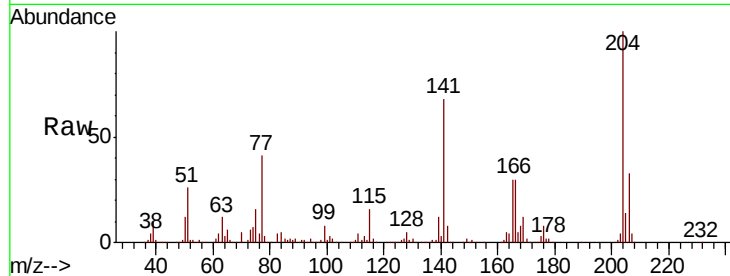
#61
4-Chlorophenyl-phenylether
Concen: 47.359 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.0	39.0
141	67.9	55.1	82.7

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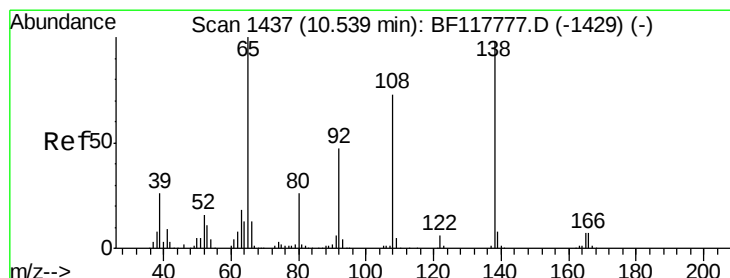
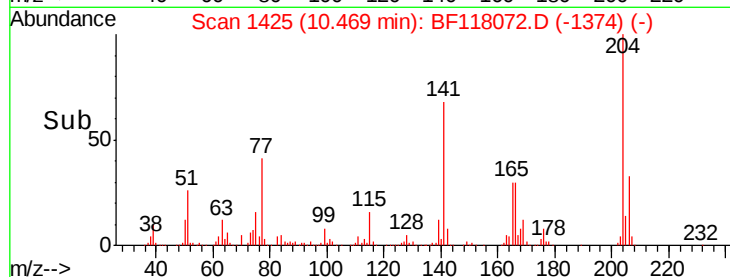
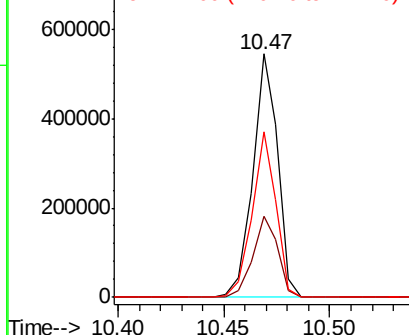


Abundance

Ion 204.00 (203.70 to 204.70): E

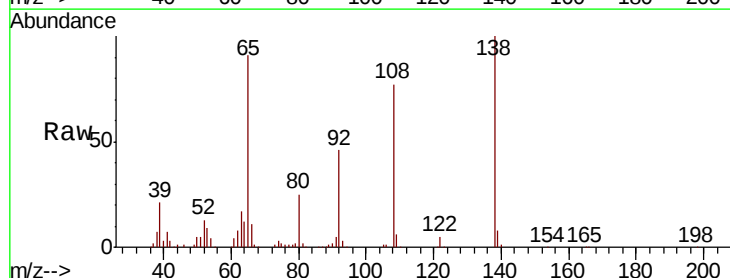
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 44.089 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	27.5	67.5
108	76.9	57.9	97.9

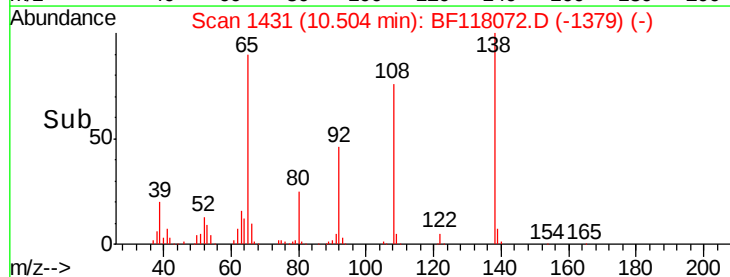
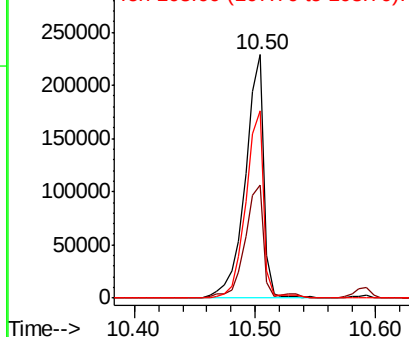


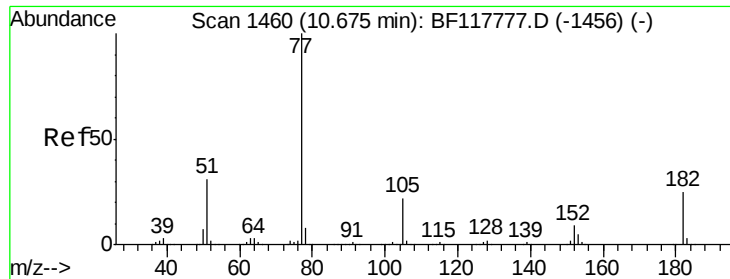
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





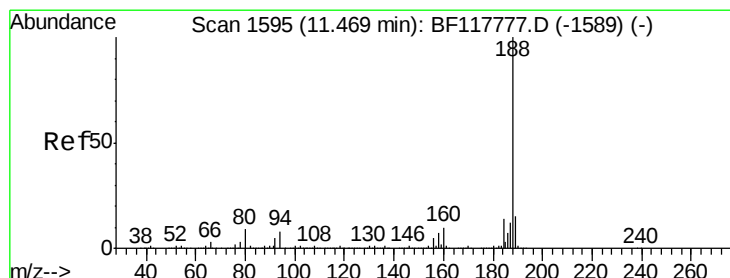
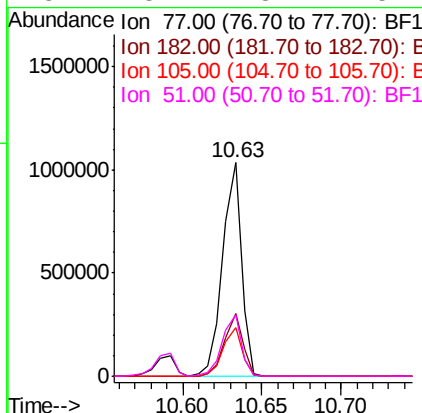
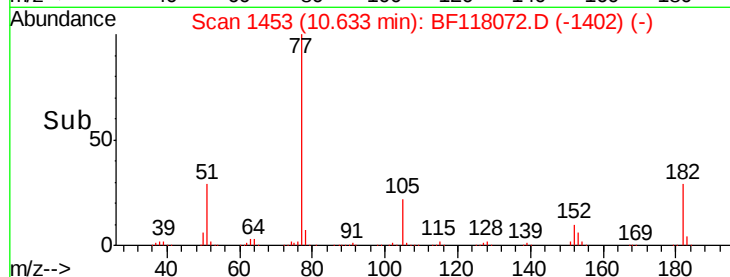
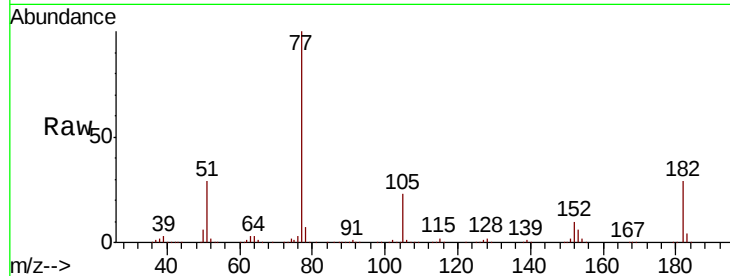
#63
Azobenzene
Concen: 45.690 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.3	8.2	48.2	
105	22.6	2.1	42.1	
51	28.7	8.7	48.7	

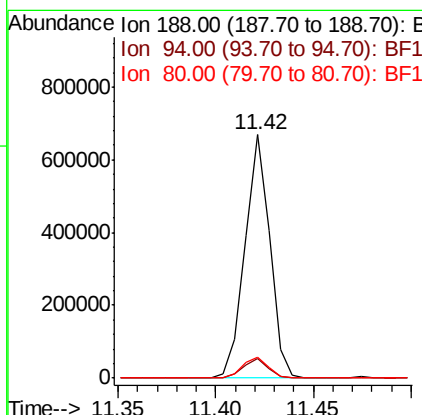
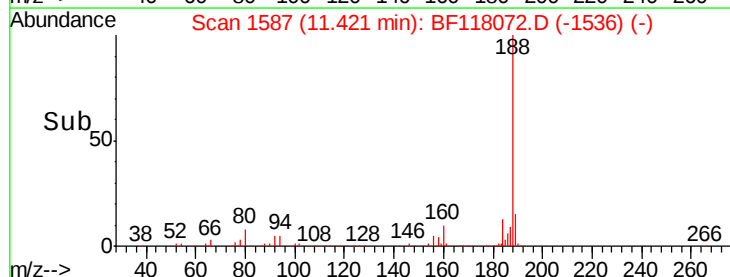
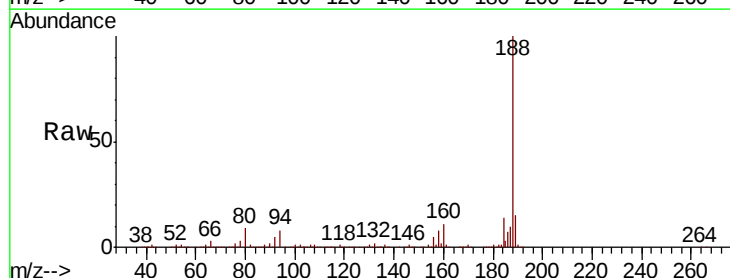
Manual Integrations
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.2	7.0	10.6	
80	8.7	7.2	10.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 55.247 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

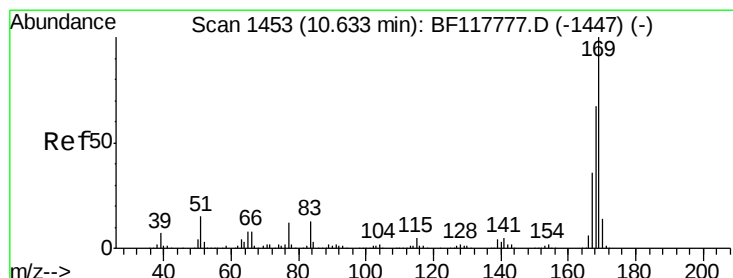
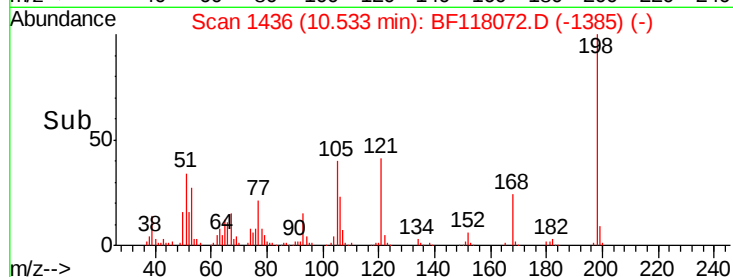
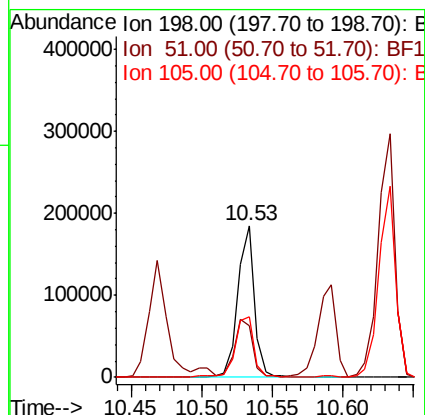
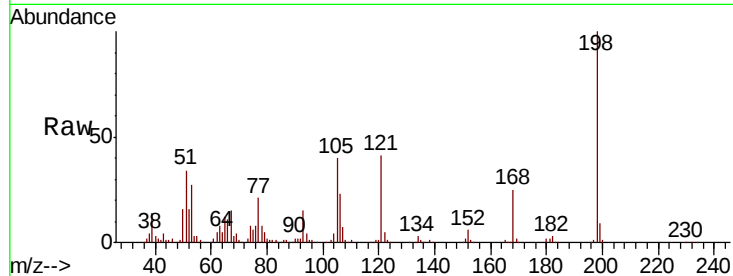
ClientSampleId :

TP-20-SMSD

Tot Ion:	198	Resp:	152493
Ion Ratio	Lower	Upper	
198	100		
51	34.1	12.6	52.6
105	39.9	17.0	57.0

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 47.652 ng

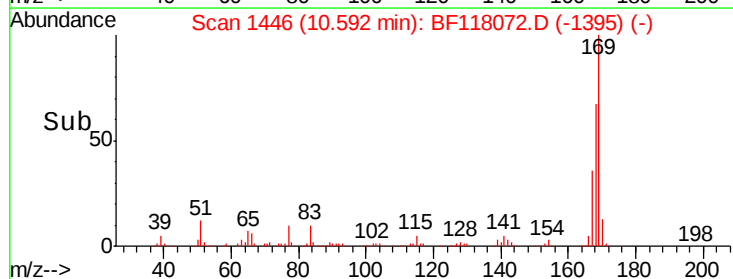
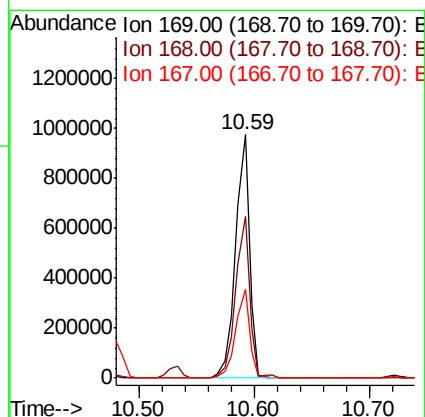
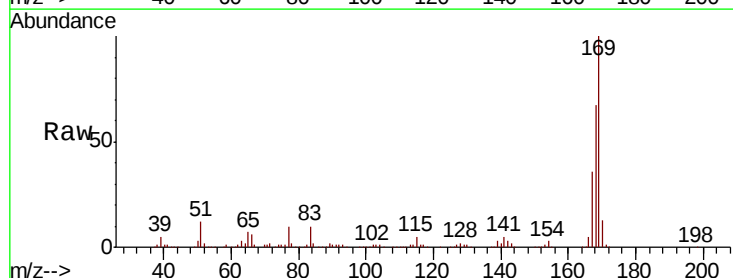
RT: 10.59 min Scan# 1446

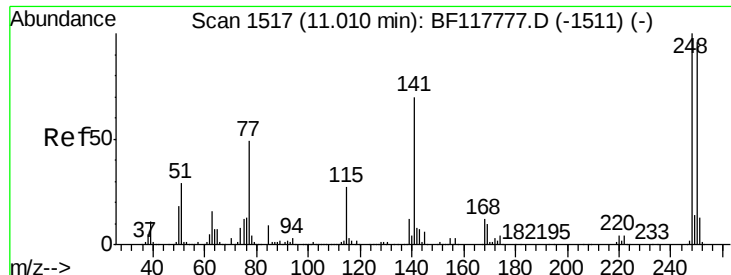
Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Tgt Ion:	169	Resp:	819960
Ion Ratio	Lower	Upper	
169	100		
168	66.6	52.5	78.7
167	36.2	28.4	42.6





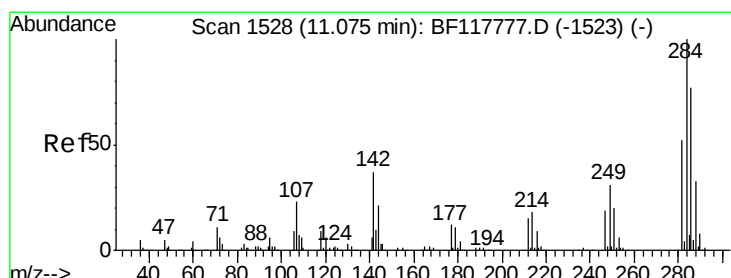
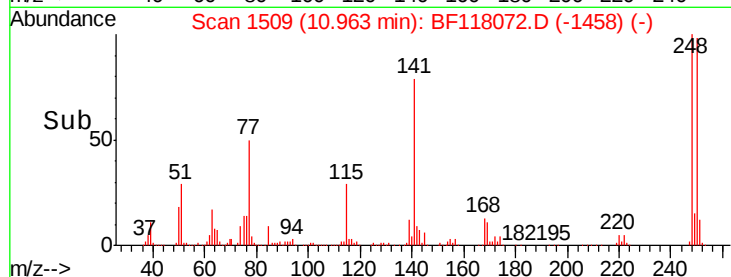
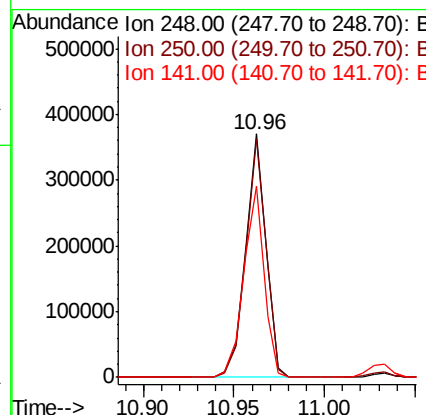
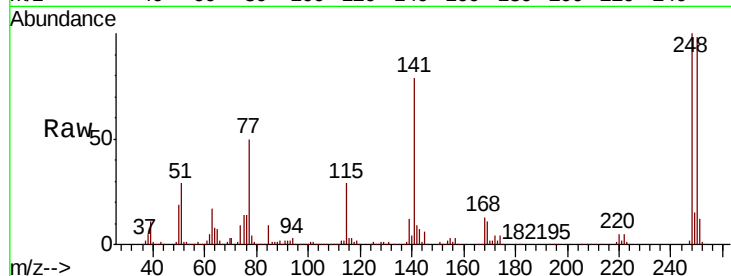
#67
 4-Bromophenyl-phenylether
 Concen: 45.220 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Instrument :
 BNA_F
 ClientSampled :
 TP-20-SMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.0	117.0
141	78.7	64.0	96.0

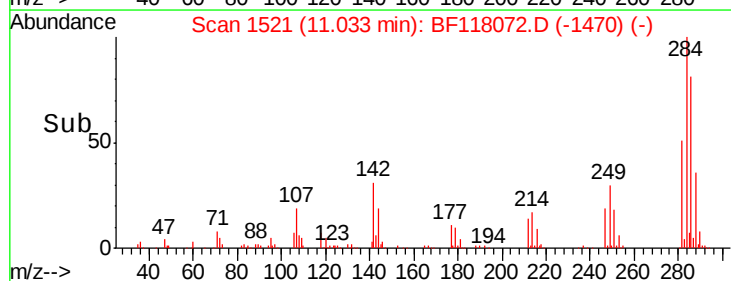
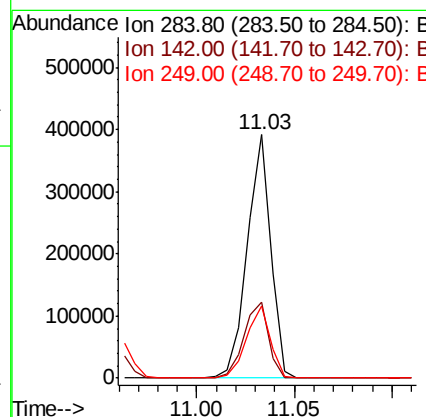
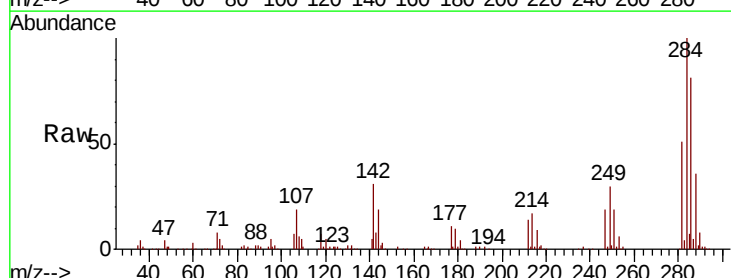
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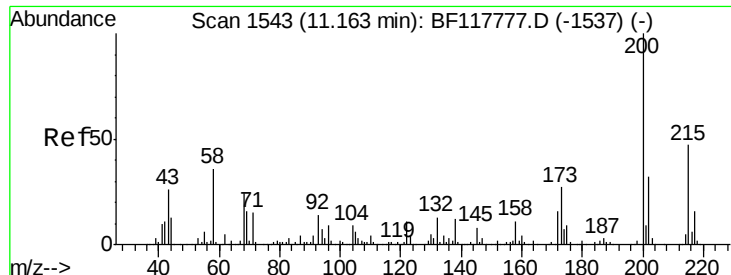
mohammad
 12/4/2019 5:01:43 PM



#68
 Hexachlorobenzene
 Concen: 44.082 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	27.3	40.9
249	29.7	24.8	37.2





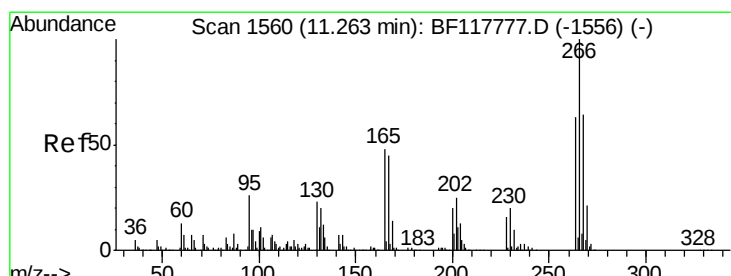
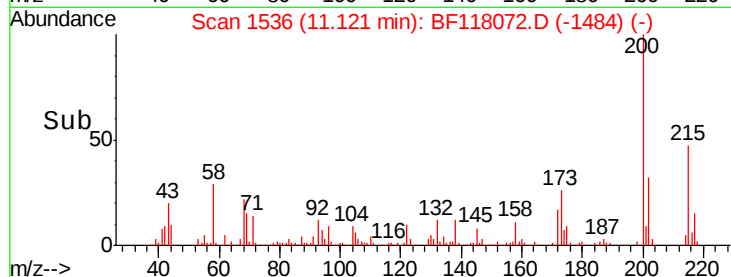
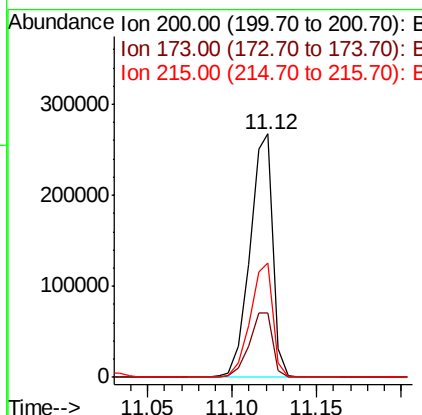
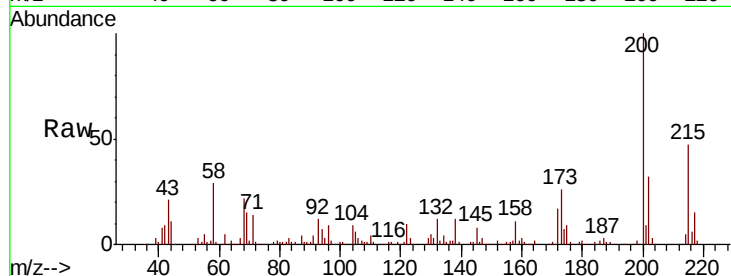
#69
Atrazine
Concen: 44.655 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	252763		
173	26.4	7.9	47.9	
215	47.1	27.0	67.0	

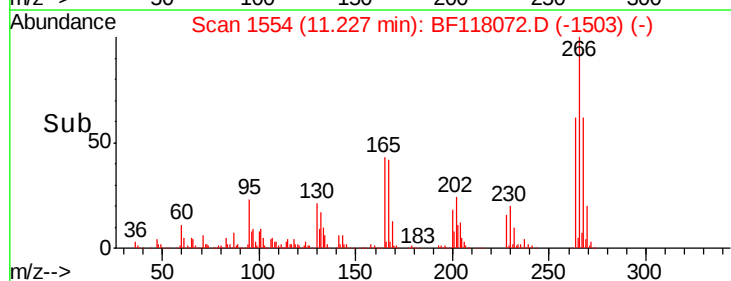
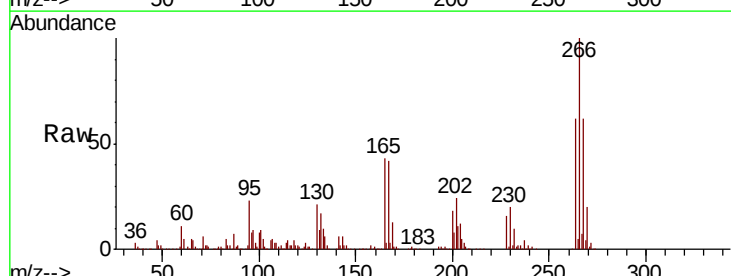
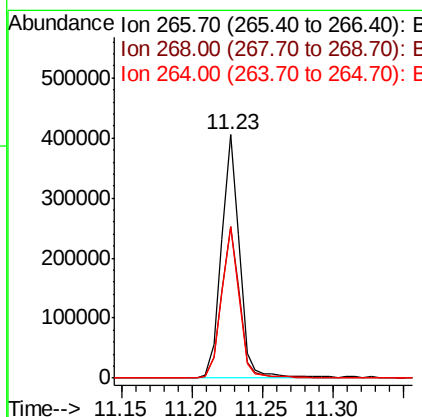
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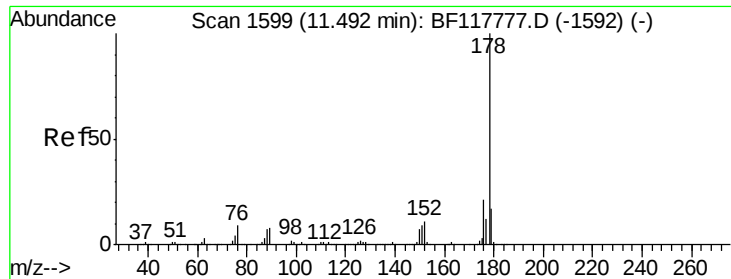
mohammad
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#70
Pentachlorophenol
Concen: 83.508 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	362929		
268	62.0	50.3	75.5	
264	62.0	50.3	75.5	





#71

Phenanthrene

Concen: 45.996 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

TP-20-SMSD

Tot Ion:178 Resp: 1367304

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

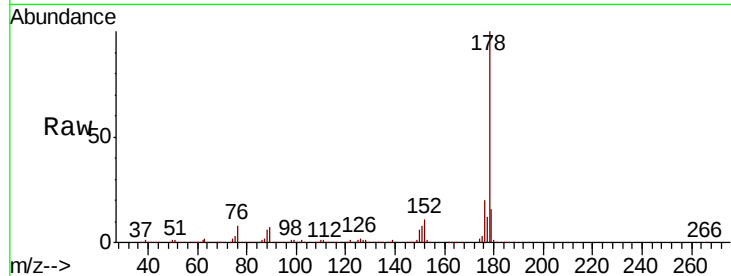
179 15.9 12.3 18.5

Manual Integrations

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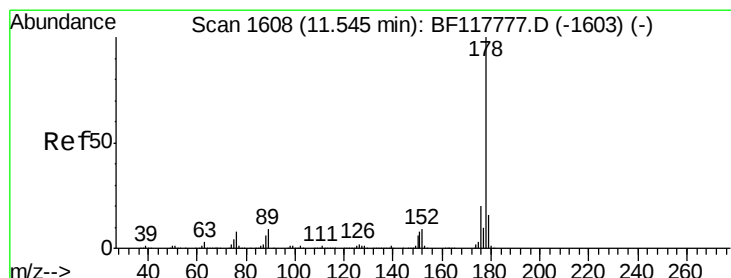
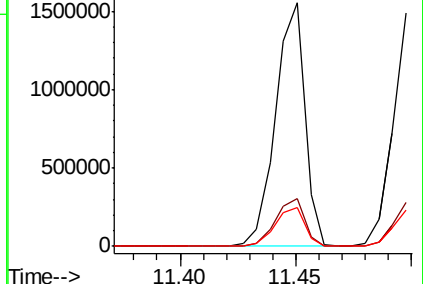
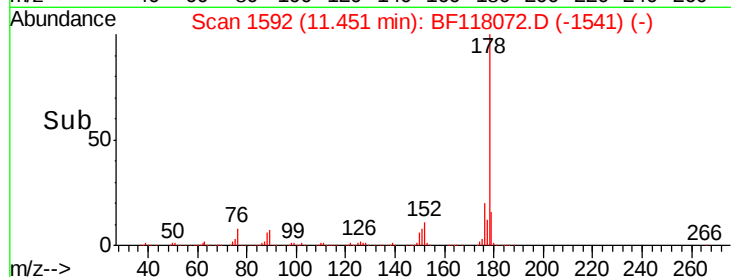
12/4/2019 5:01:43 PM



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: 48.004 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

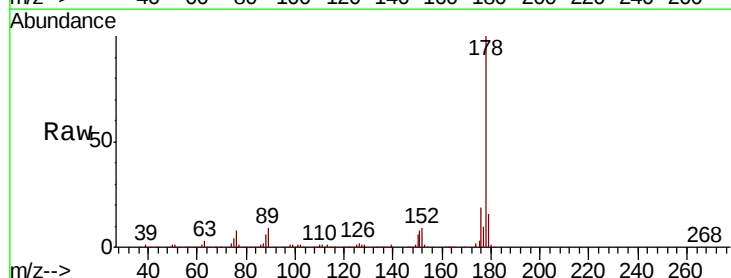
Tgt Ion:178 Resp: 1414823

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.6

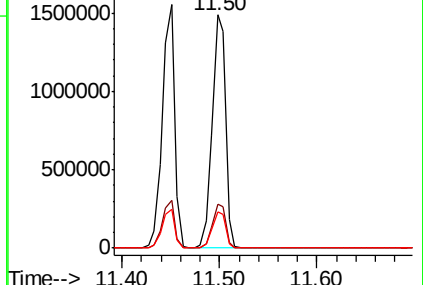
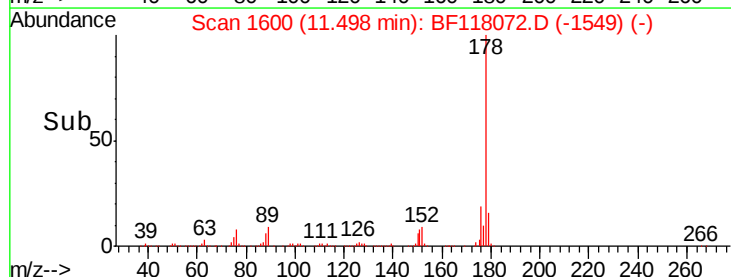
179 15.8 12.8 19.2

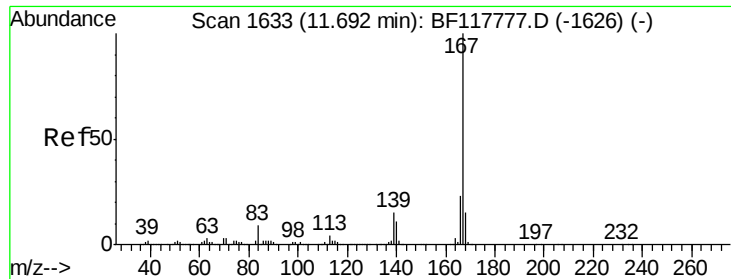


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





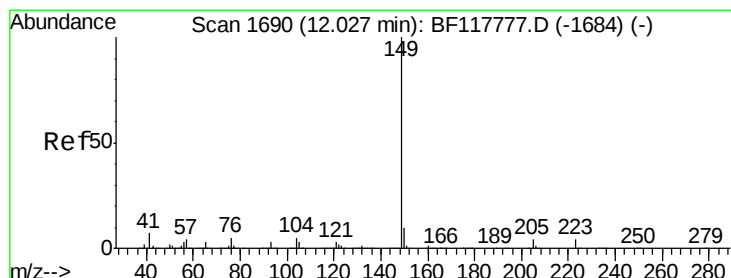
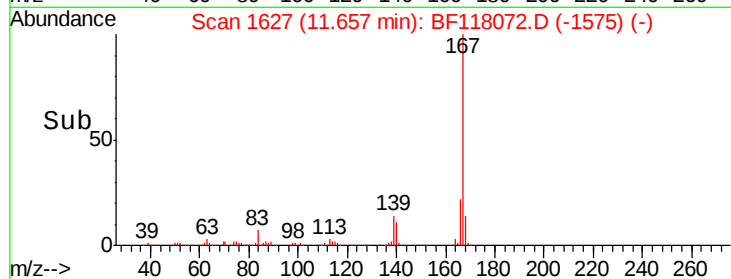
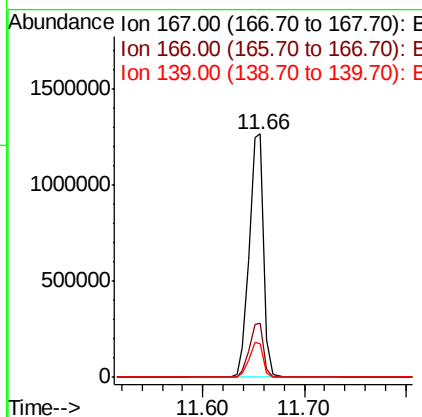
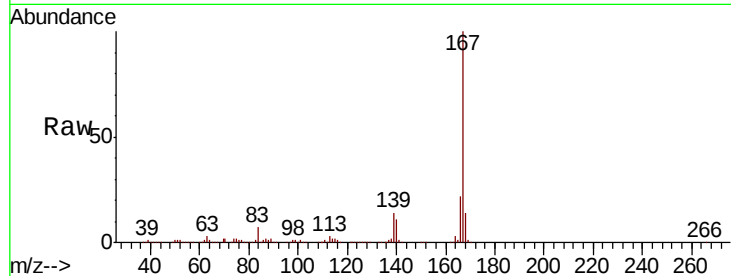
#73
 Carbazole
 Concen: 48.344 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.01 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-20-SMSD

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.3	17.6	26.4	
139	13.8	11.5	17.3	

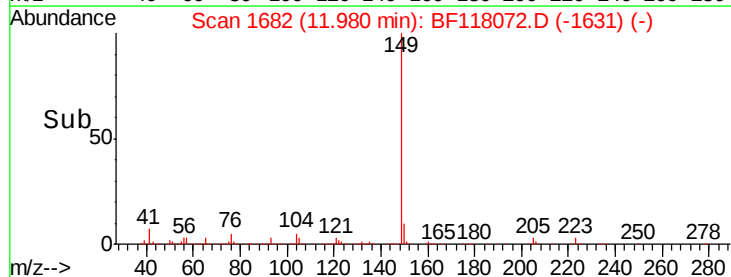
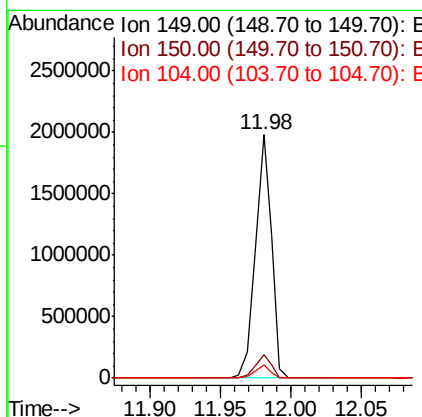
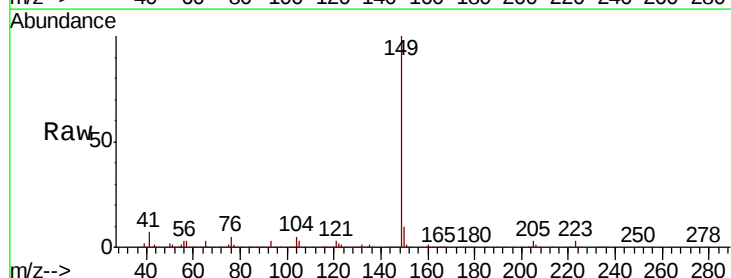
Manual Integrations
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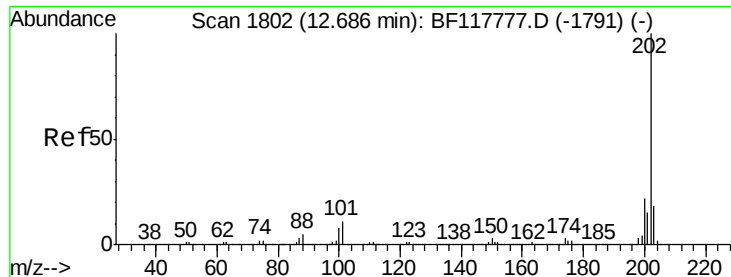
mohammad
 12/4/2019 5:01:43 PM



#74
 Di-n-butylphthalate
 Concen: 49.303 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.6	7.5	11.3	
104	5.2	4.2	6.4	





#75

Fluoranthene

Concen: 55.369 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.01 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

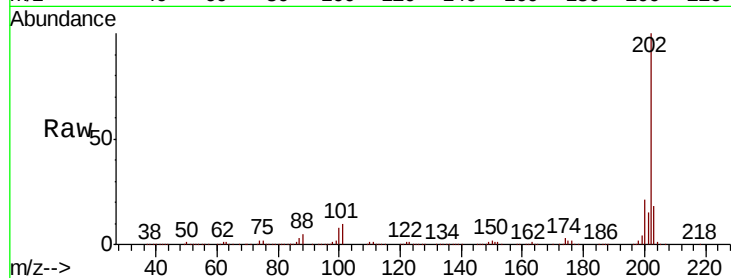
ClientSampleId :

TP-20-SMSD

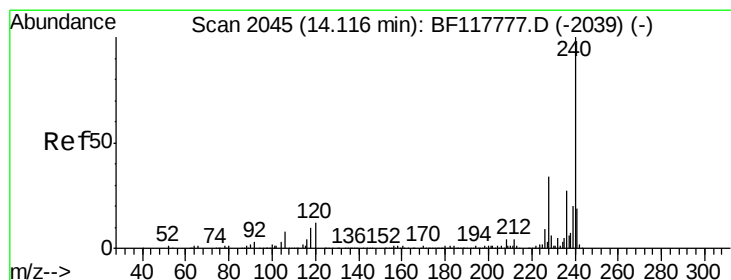
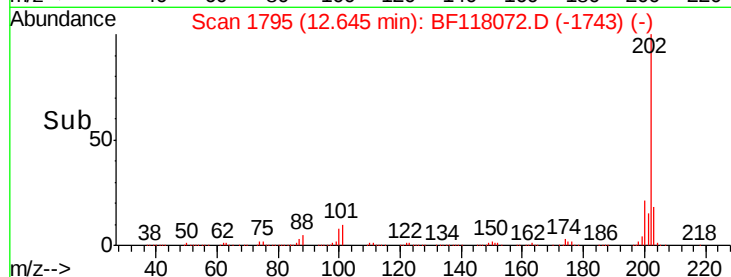
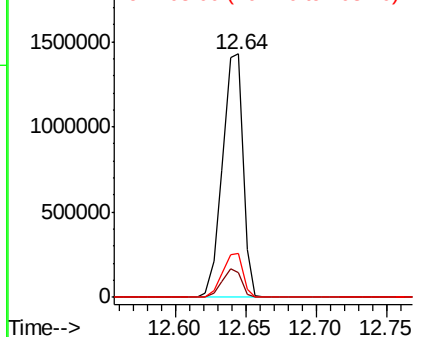
Tot Ion:	202	Resp:	1451903
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	31.5
203	17.9	0.0	37.6

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

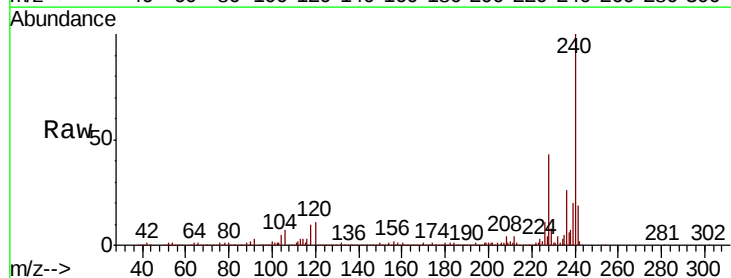
RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

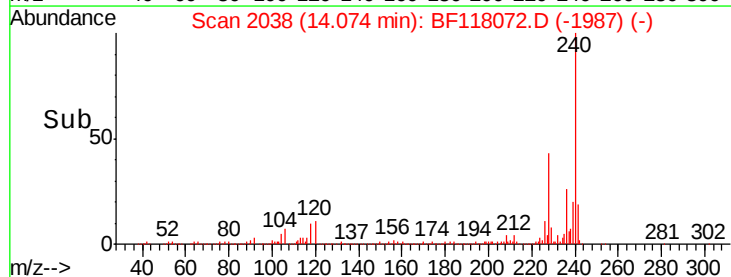
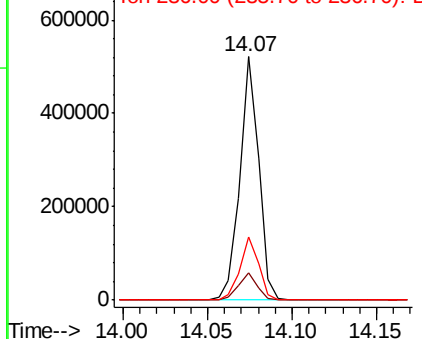
Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Tgt Ion:	240	Resp:	402879
Ion Ratio	Lower	Upper	
240	100		
120	11.2	8.4	12.6
236	26.1	20.6	31.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





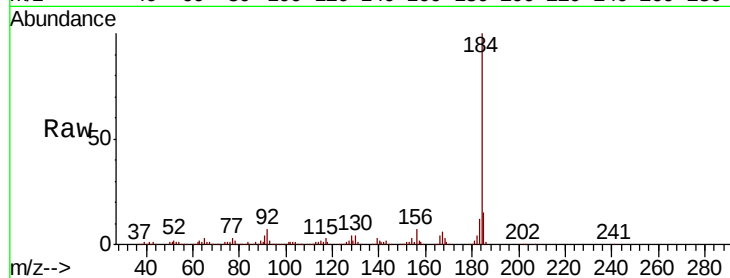
#77
Benzidine
Concen: 29.287 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.6	17.4
183	11.5	9.7	14.5

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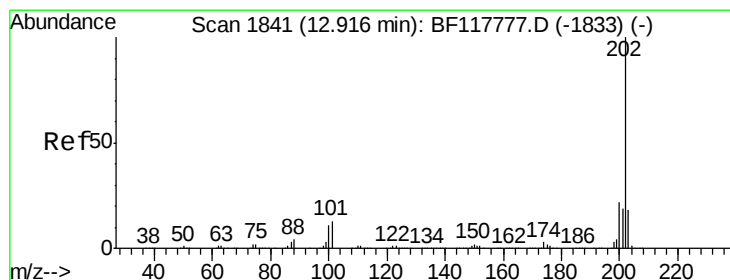
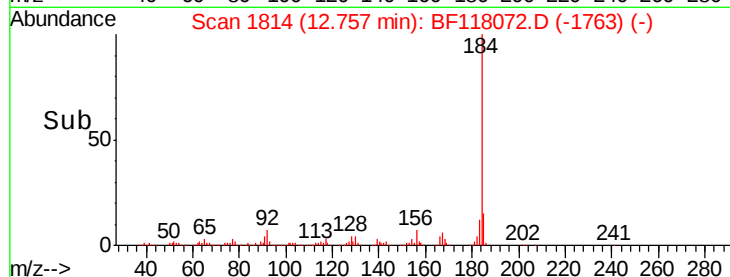
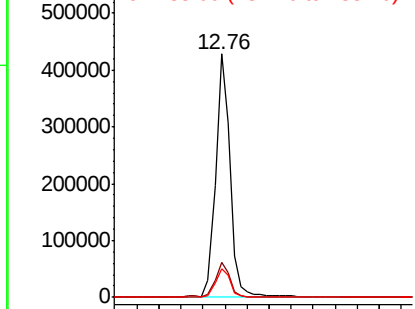


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78
Pyrene
Concen: 44.582 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

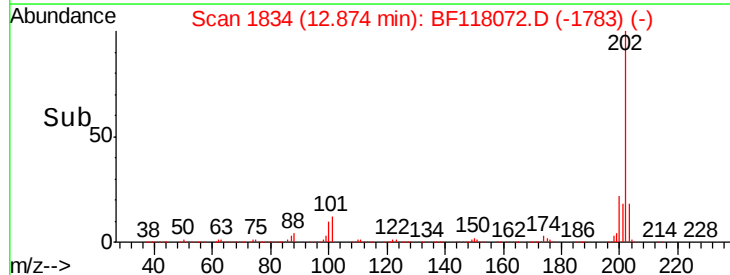
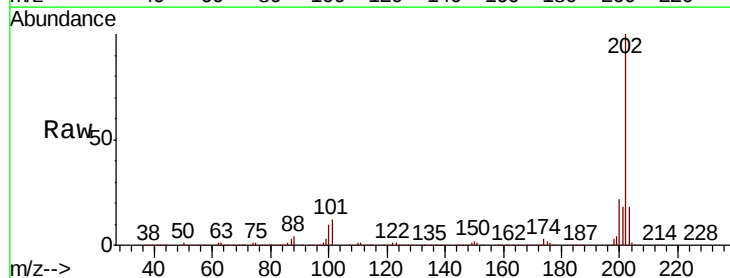
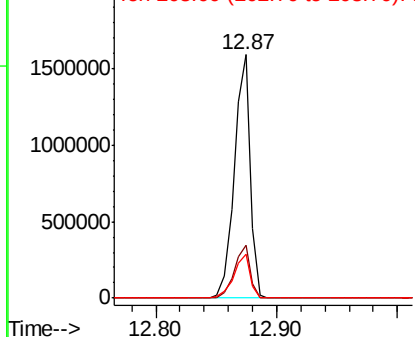
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	18.1	14.2	21.4

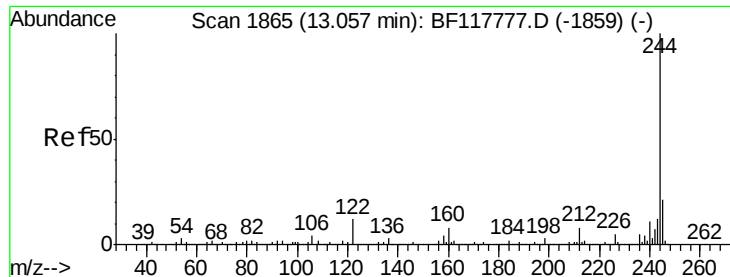
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





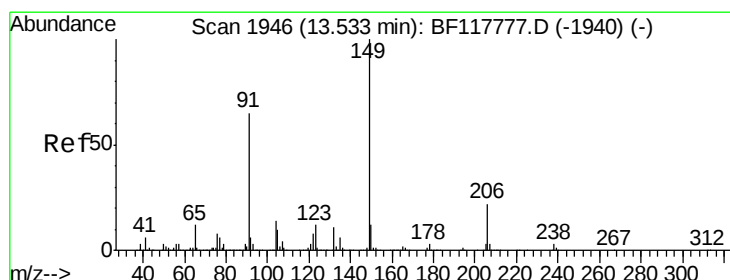
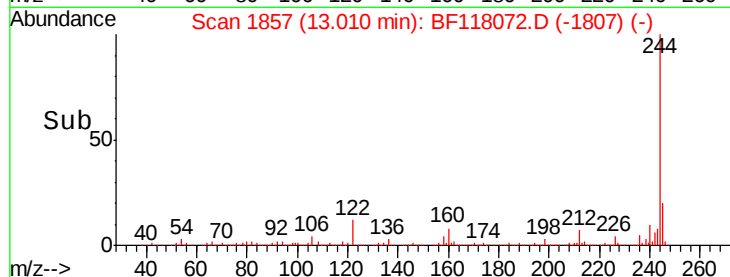
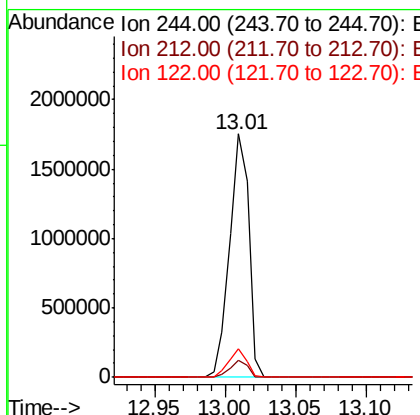
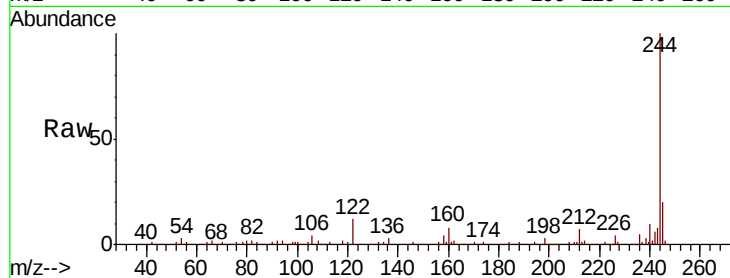
#79
 Terphenyl-d14
 Concen: 75.666 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-20-SMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	12.0	7.2	10.8

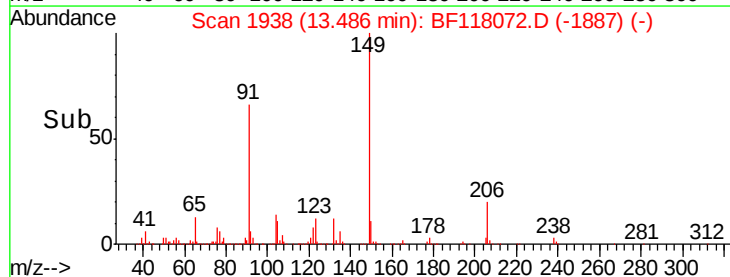
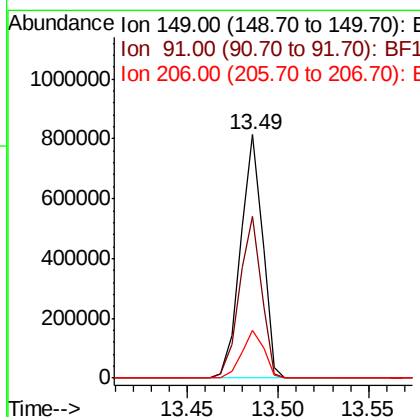
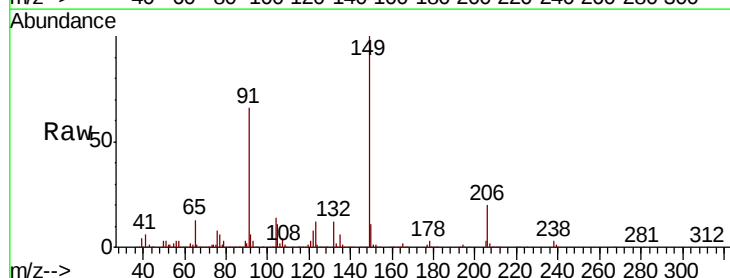
Manual Integrations
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#80
 Butylbenzylphthalate
 Concen: 49.265 ng
 RT: 13.49 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BF118072.D
 Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.3	53.1	79.7
206	19.5	15.8	23.6





#81

Benzo(a)anthracene

Concen: 45.344 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

ClientSampleId :

TP-20-SMSD

Tot Ion:228 Resp: 1207190

Ion Ratio Lower Upper

228 100

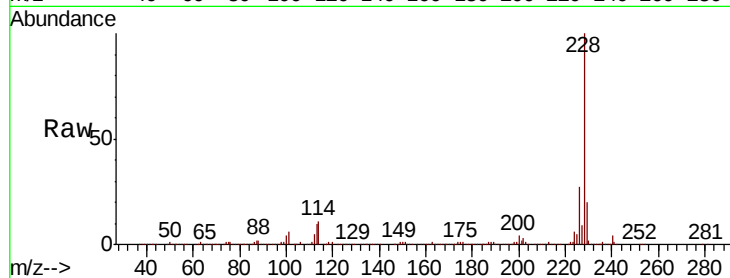
226 26.7 21.9 32.9

229 19.6 16.2 24.2

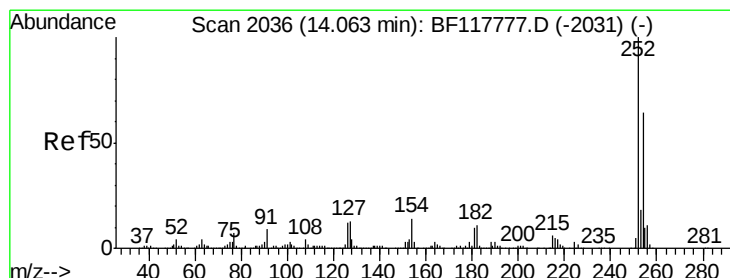
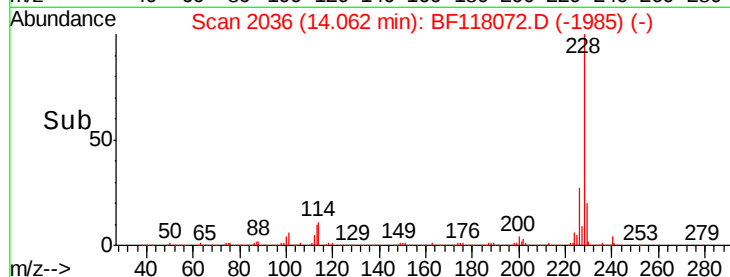
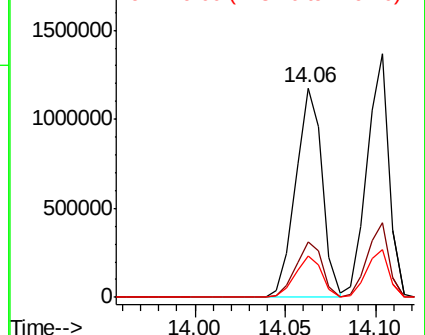
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.620 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

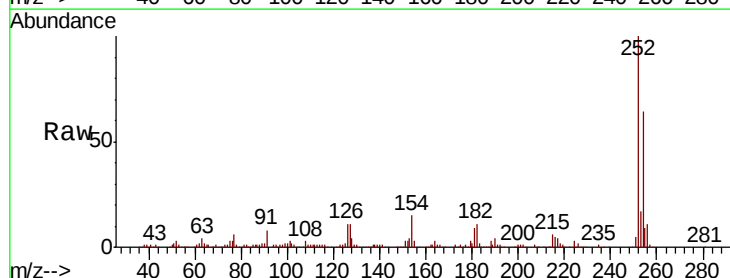
Tgt Ion:252 Resp: 257208

Ion Ratio Lower Upper

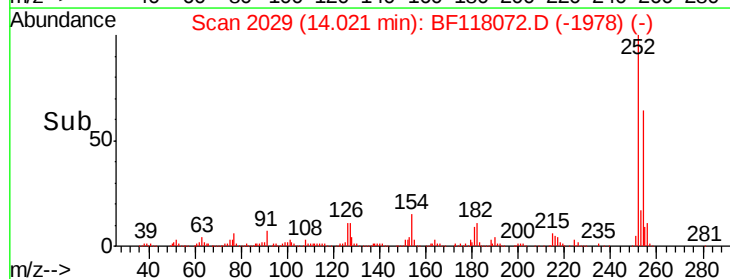
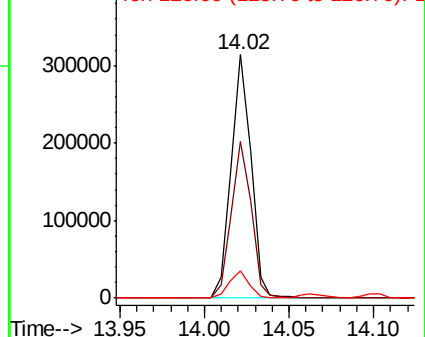
252 100

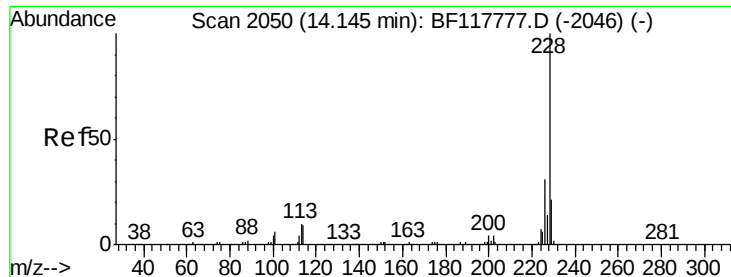
254 64.2 52.2 78.2

126 11.3 9.3 13.9



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





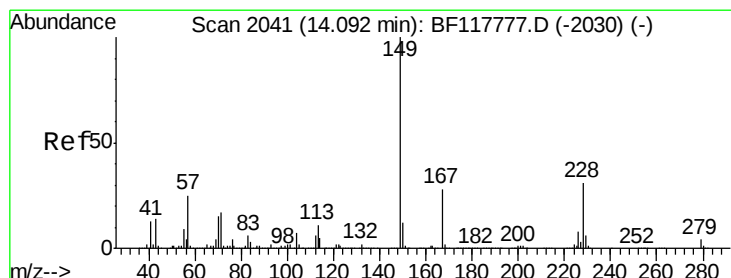
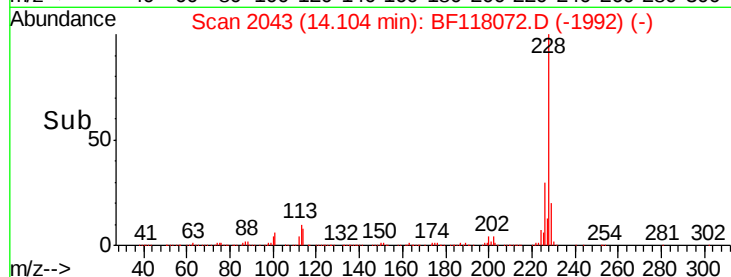
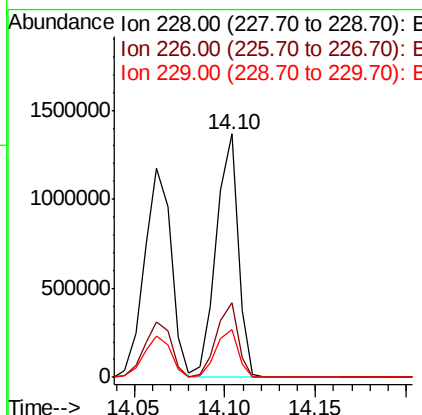
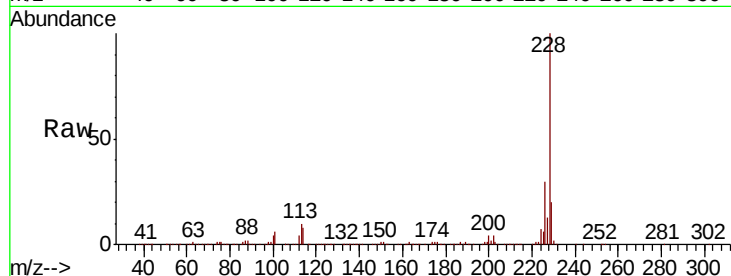
#83
Chrysene
Concen: 44.864 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion:228 Resp: 1157373
Ion Ratio Lower Upper
228 100
226 30.4 23.6 35.4
229 19.6 16.2 24.2

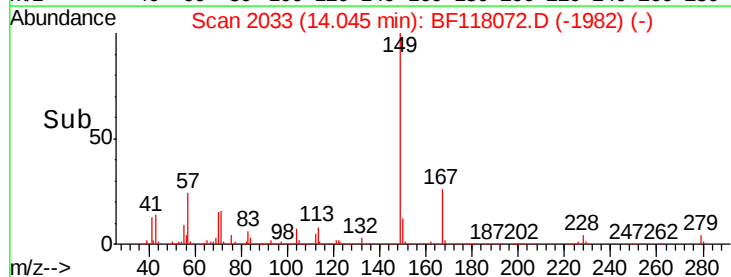
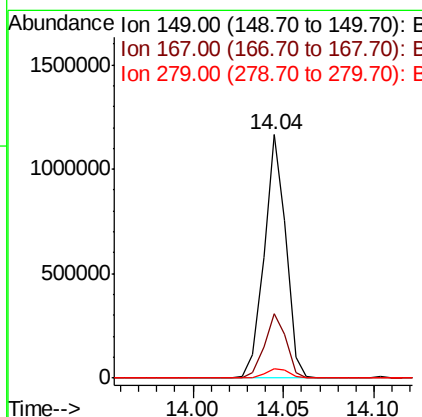
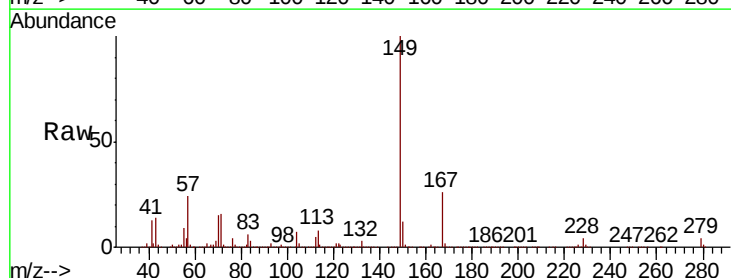
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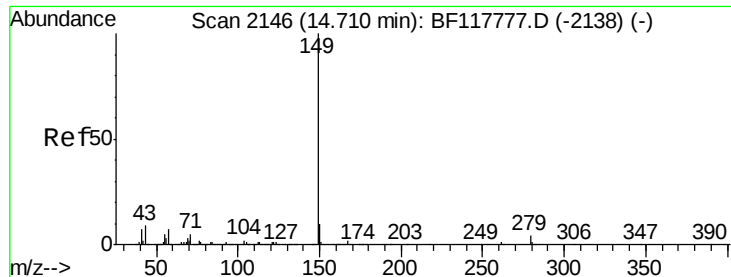
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#84
Bis(2-ethylhexyl)phthalate
Concen: 57.099 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion:149 Resp: 968029
Ion Ratio Lower Upper
149 100
167 26.4 21.8 32.8
279 4.0 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 61.158 ng

RT: 14.66 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Instrument :

BNA_F

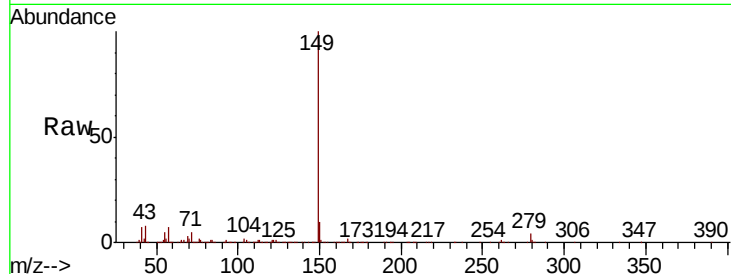
ClientSampleId :

TP-20-SMSD

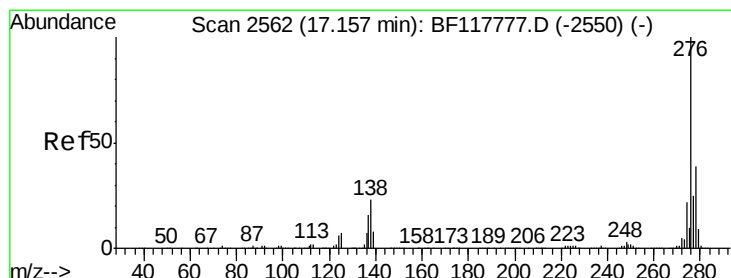
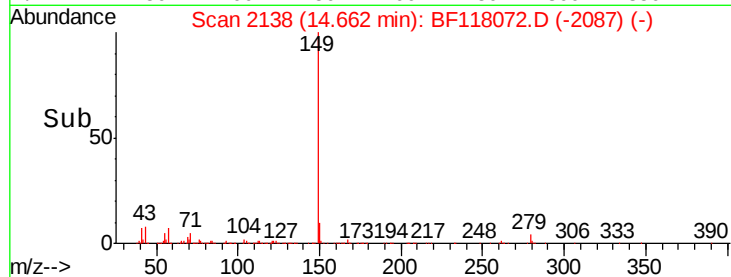
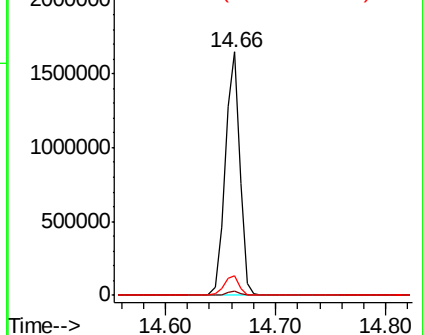
Tot Ion:	149	Resp:	1523231
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	8.0	6.4	9.6

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.585 ng

RT: 17.09 min Scan# 2551

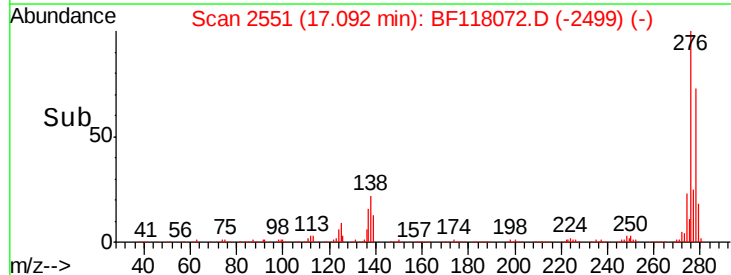
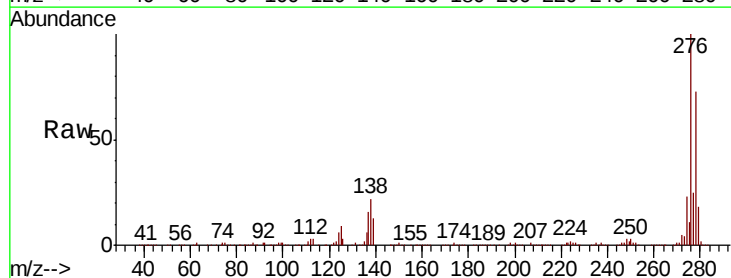
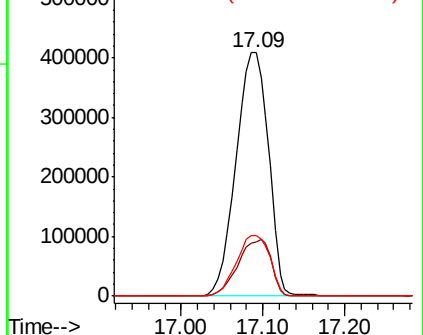
Delta R.T. 0.01 min

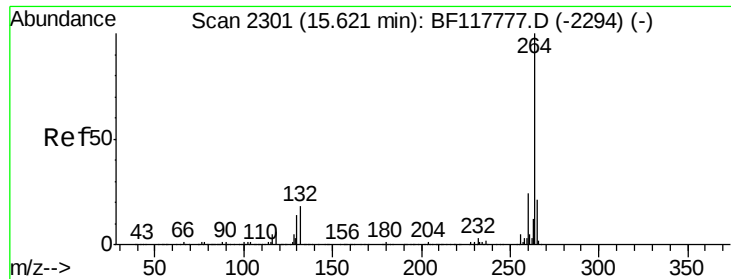
Lab File: BF118072.D

Acq: 3 Dec 2019 19:52

Tgt Ion:	276	Resp:	1132602
Ion Ratio	Lower	Upper	
276	100		
138	23.8	19.0	28.6
277	25.8	20.7	31.1

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





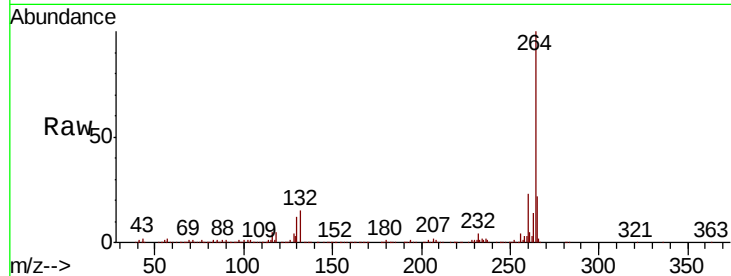
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	22.0	16.4	24.6

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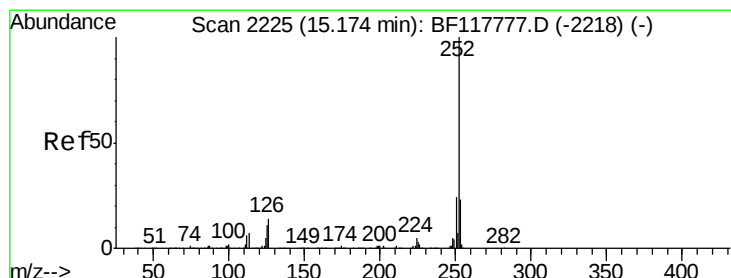
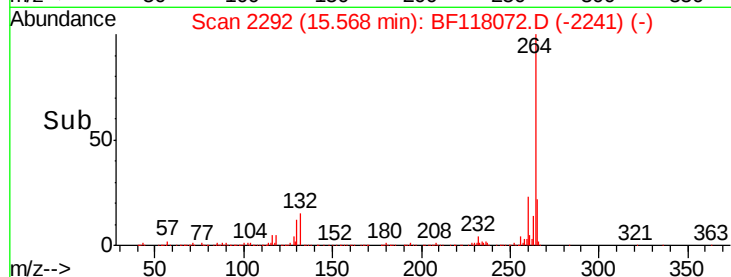
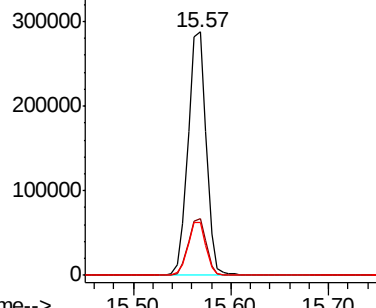


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 46.444 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

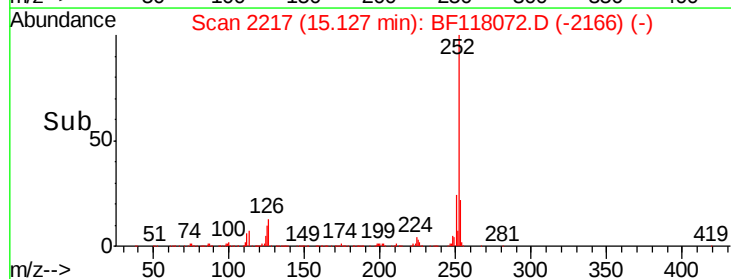
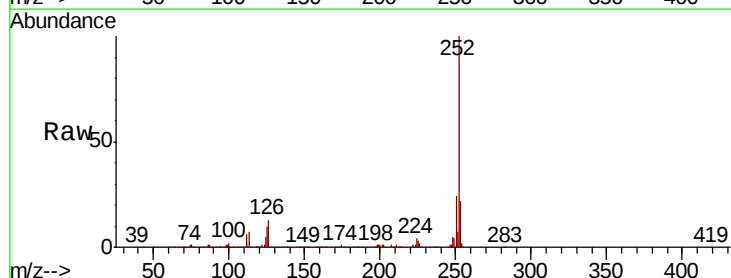
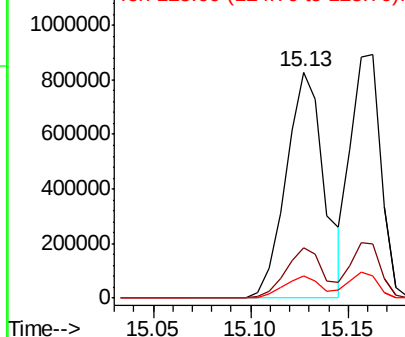
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	9.9	7.7	11.5

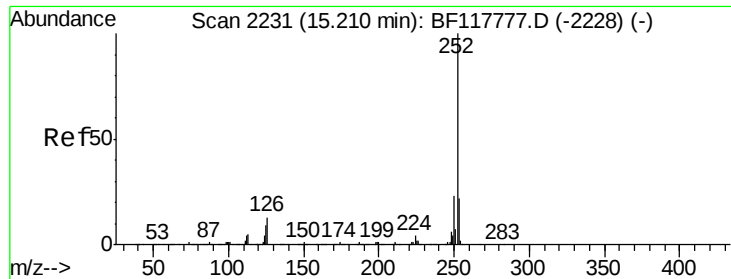
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





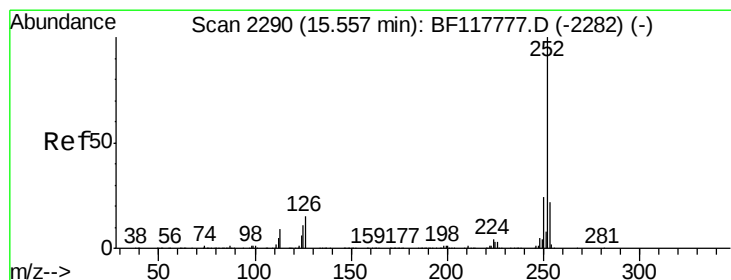
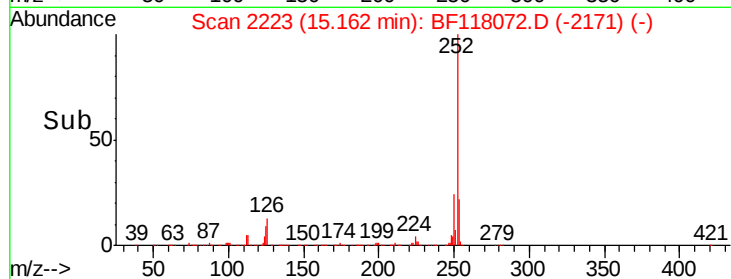
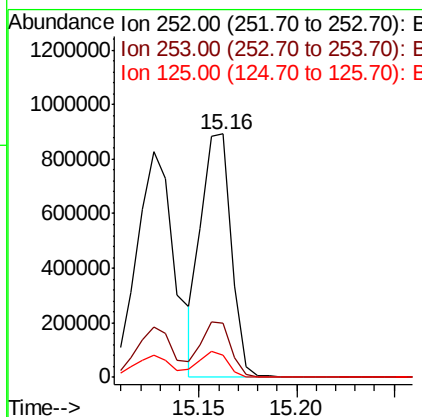
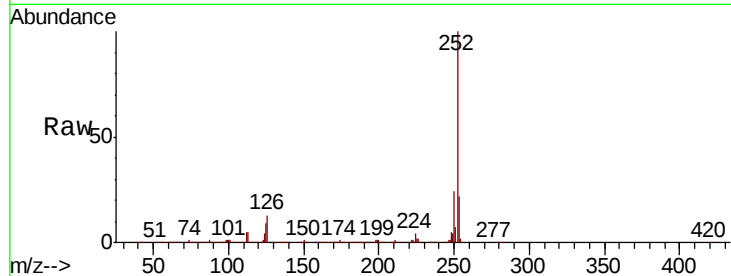
#89
Benzo(k)fluoranthene
Concen: 41.930 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	8.9	8.5	12.7

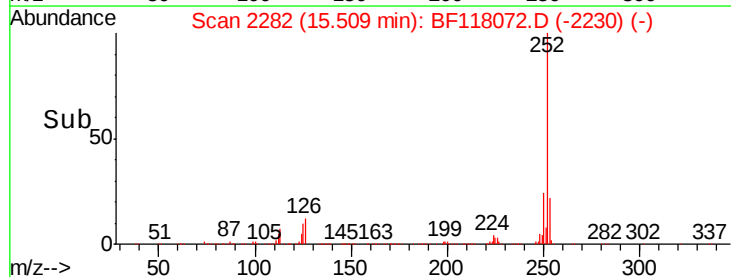
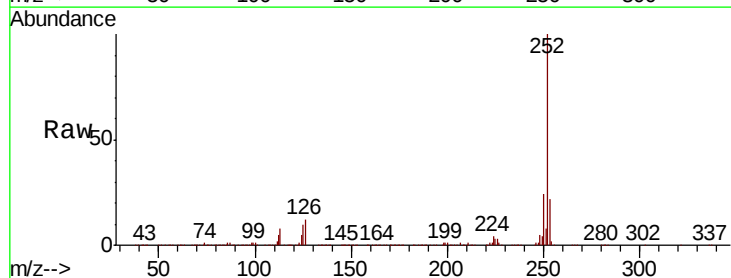
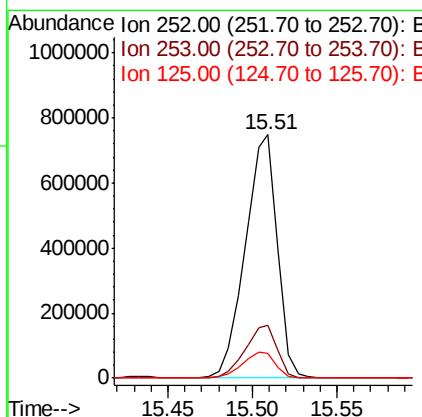
Manual Integrations
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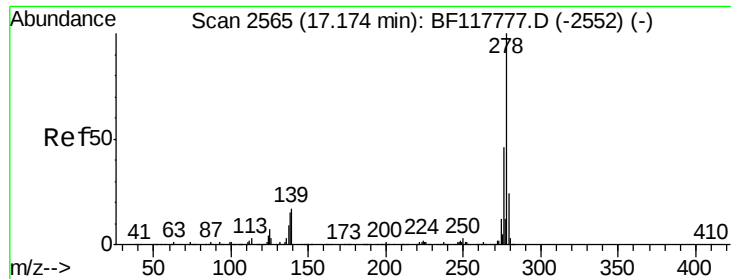
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#90
Benzo(a)pyrene
Concen: 46.237 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	10.0	8.9	13.3





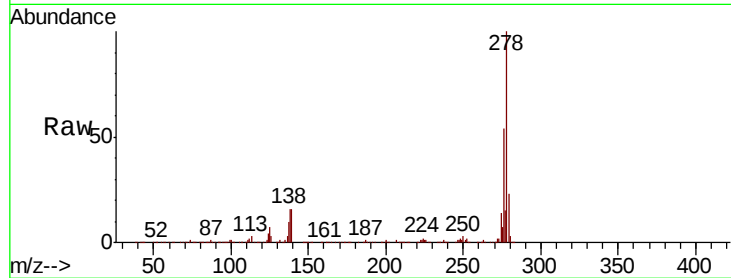
#91
Dibenzo(a,h)anthracene
Concen: 51.558 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Instrument :
BNA_F
ClientSampleId :
TP-20-SMSD

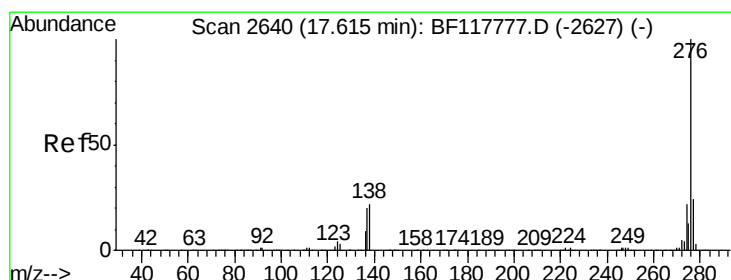
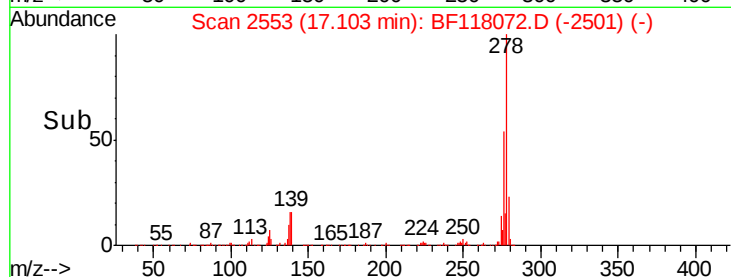
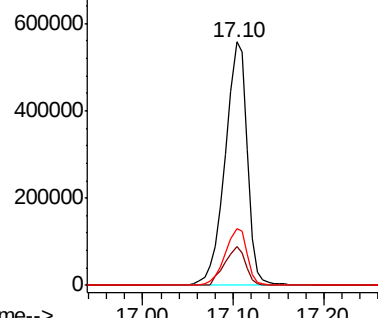
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.2	18.4
279	23.3	19.0	28.6

Manual Integrations
APPROVED

mohammad
12/4/2019 5:01:43 PM

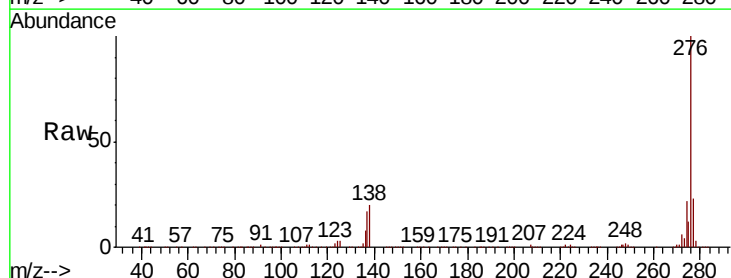


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.465 ng
RT: 17.55 min Scan# 2629
Delta R.T. 0.01 min
Lab File: BF118072.D
Acq: 3 Dec 2019 19:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.4
138	20.2	16.6	25.0



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

