

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118071.D
 Acq On : 3 Dec 2019 19:24
 Operator : JU
 Sample : K6090-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-20-SMS

Manual Integrations
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mohammad
 12/4/2019 5:01:41 PM

Quant Time: Dec 04 01:06:42 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	133717	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	528327	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	292244	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	571615	20.00	ng	0.00
76) Chrysene-d12	14.07	240	415706	20.00	ng	0.00
87) Perylene-d12	15.57	264	394060	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	784501	103.85	ng	0.01
7) Phenol-d6	6.51	99	1011756	111.04	ng	0.00
23) Nitrobenzene-d5	7.44	82	619241	69.68	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	376241	121.61	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1259952	77.35	ng	0.00
79) Terphenyl-d14	13.01	244	1641044	72.15	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.69	88	124192	35.171	ng	99
3) Pyridine	3.45	79	306238	33.062	ng	99
4) n-Nitrosodimethylamine	3.39	42	156630	38.738	ng	98
6) Aniline	6.54	93	244918	20.341	ng	97
8) 2-Chlorophenol	6.66	128	393626	48.021	ng	98
9) Benzaldehyde	6.42	77	138576	19.834	ng	96
10) Phenol	6.52	94	475115	50.180	ng	100
11) bis(2-Chloroethyl)ether	6.61	93	334347	43.974	ng	97
12) 1,3-Dichlorobenzene	6.82	146	421277	43.654	ng	98
13) 1,4-Dichlorobenzene	6.89	146	435564	44.653	ng	99
14) 1,2-Dichlorobenzene	7.05	146	405787	43.497	ng	98
15) Benzyl Alcohol	7.02	79	335042	47.628	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	404501	34.554	ng	99
17) 2-Methylphenol	7.13	107	315272	45.418	ng	98
18) Hexachloroethane	7.39	117	157502	43.954	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	250194	44.510	ng	99
20) 3+4-Methylphenols	7.28	107	398798	46.281	ng	95
22) Acetophenone	7.29	105	532223	44.838	ng	# 94
24) Nitrobenzene	7.46	77	394258	43.001	ng	94
25) Isophorone	7.70	82	698083	42.855	ng	100
26) 2-Nitrophenol	7.78	139	219662	49.222	ng	96
27) 2,4-Dimethylphenol	7.82	122	348745	50.292	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	438920	42.462	ng	99
29) 2,4-Dichlorophenol	8.02	162	338547	45.008	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	369945	42.401	ng	99
31) Naphthalene	8.19	128	1154858	46.888	ng	99
32) Benzoic acid	7.94	122	247357	42.602	ng	98
33) 4-Chloroaniline	8.23	127	92673	8.405	ng	95
34) Hexachlorobutadiene	8.30	225	215719	42.288	ng	98
35) Caprolactam	8.60	113	110275m	46.129	ng	
36) 4-Chloro-3-methylphenol	8.72	107	368286	48.245	ng	98
37) 2-Methylnaphthalene	8.88	142	797535	47.924	ng	99
38) 1-Methylnaphthalene	8.98	142	739947	47.031	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	352648	41.551	ng	98

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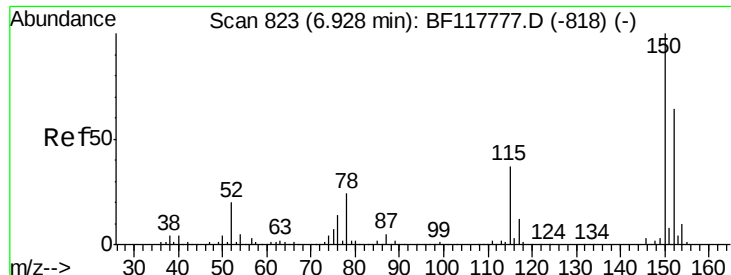
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 12/4/2019 5:01:41 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
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 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	377788	79.431	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	257227	42.314	nq	100
44) 2,4,5-Trichlorophenol	9.20	196	271536	43.022	nq	96
46) 1,1'-Biphenyl	9.35	154	969511	44.715	nq	99
47) 2-Chloronaphthalene	9.37	162	754472	42.299	nq	98
48) 2-Nitroaniline	9.47	65	215607	40.039	nq	99
49) Acenaphthylene	9.79	152	1203375	46.275	nq	99
50) Dimethylphthalate	9.65	163	1081659	52.781	nq	99
51) 2,6-Dinitrotoluene	9.71	165	204069	45.562	nq	97
52) Acenaphthene	9.96	154	705414	42.345	nq	99
53) 3-Nitroaniline	9.88	138	107209	20.004	nq	91
54) 2,4-Dinitrophenol	9.99	184	188606	81.778	nq	94
55) Dibenzofuran	10.14	168	1060967	45.993	nq	99
56) 4-Nitrophenol	10.05	139	348922	87.222	nq	97
57) 2,4-Dinitrotoluene	10.12	165	278434	48.870	nq	93
58) Fluorene	10.48	166	840422	47.014	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	226865	43.746	nq	100
60) Diethylphthalate	10.35	149	922032	46.148	nq	100
61) 4-Chlorophenyl-phenylether	10.47	204	416021	45.858	nq	99
62) 4-Nitroaniline	10.50	138	233730	43.557	nq	99
63) Azobenzene	10.63	77	799661	43.993	nq	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	141477	53.017	nq	97
66) n-Nitrosodiphenylamine	10.59	169	759985	45.684	nq	98
67) 4-Bromophenyl-phenylether	10.96	248	270102	43.793	nq	99
68) Hexachlorobenzene	11.03	284	310418	43.163	nq	98
69) Atrazine	11.12	200	239939	43.846	nq	98
70) Pentachlorophenol	11.23	266	345653	82.266	nq	99
71) Phenanthrene	11.45	178	1300222	45.243	nq	100
72) Anthracene	11.50	178	1356512	47.607	nq	99
73) Carbazole	11.65	167	1187212	47.680	nq	99
74) Di-n-butylphthalate	11.98	149	1495553	48.240	nq	99
75) Fluoranthene	12.64	202	1411624	55.734	nq	99
77) Benzidine	12.76	184	366384	26.907	nq	98
78) Pyrene	12.87	202	1410577	41.987	nq	99
80) Butylbenzylphthalate	13.49	149	673718	46.691	nq	98
81) Benzo(a)anthracene	14.06	228	1215073	44.232	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	235429	24.501	nq	98
83) Chrysene	14.10	228	1179910	44.326	nq	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	948887	54.242	nq	99
85) Di-n-octyl phthalate	14.66	149	1528143	59.462	nq	99
86) Indeno(1,2,3-cd)pyrene	17.09	276	1114812	49.208	nq	100
88) Benzo(b)fluoranthene	15.13	252	1183409	46.223	nq	99
89) Benzo(k)fluoranthene	15.16	252	979369	40.599	nq	98
90) Benzo(a)pyrene	15.51	252	1009763	44.852	nq	98
91) Dibenzo(a,h)anthracene	17.10	278	923692	47.668	nq	99
92) Benzo(g,h,i)perylene	17.55	276	917438	47.535	nq	98

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



#1

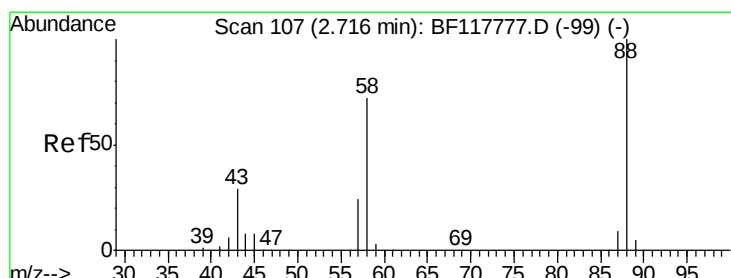
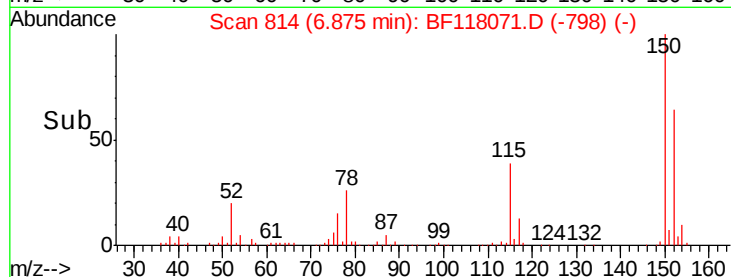
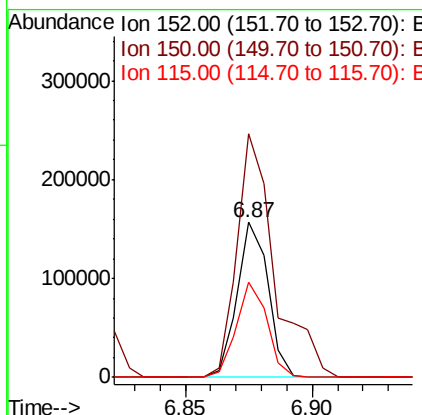
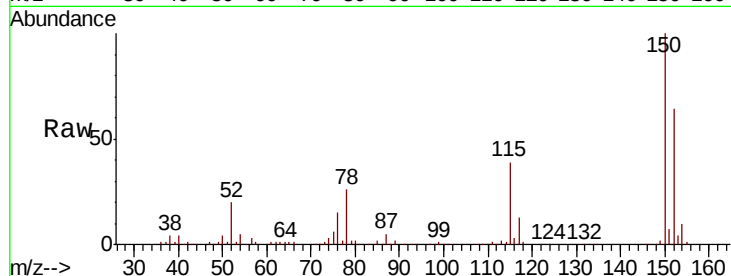
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	121.4	182.2
115	61.5	48.8	73.2

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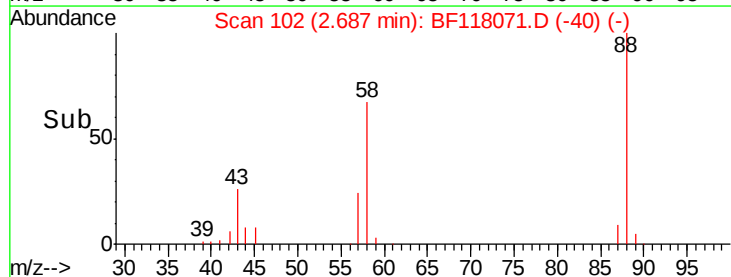
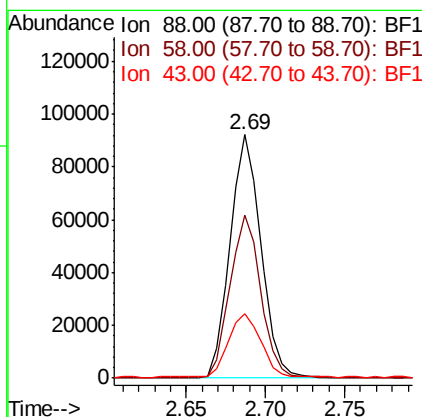
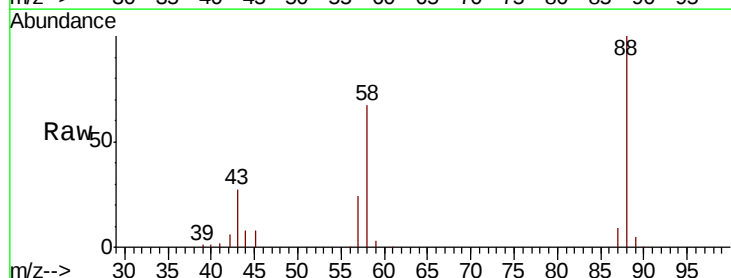
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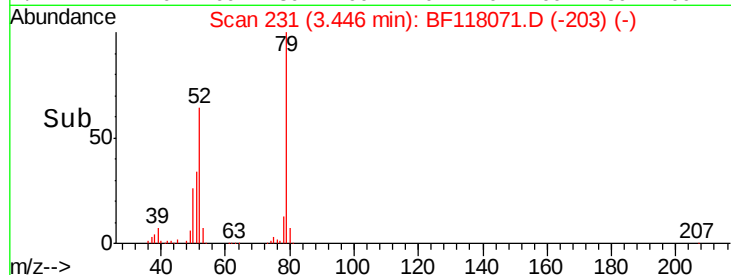
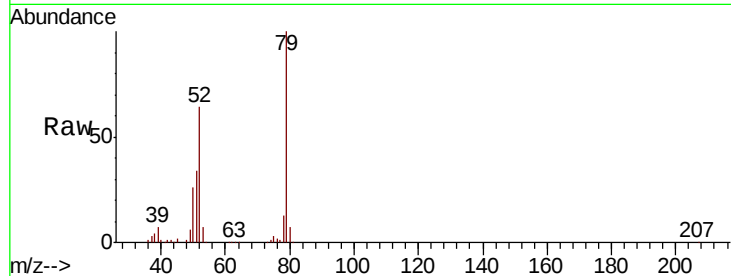
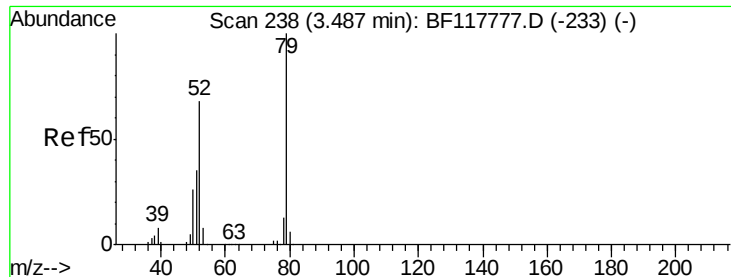


#2

1,4-Dioxane
Concen: 35.171 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.06 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	52.6	78.8
43	27.2	21.8	32.6





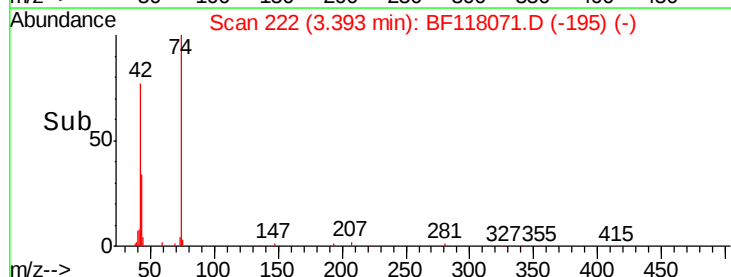
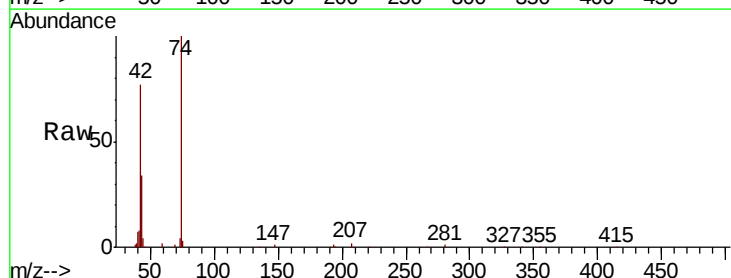
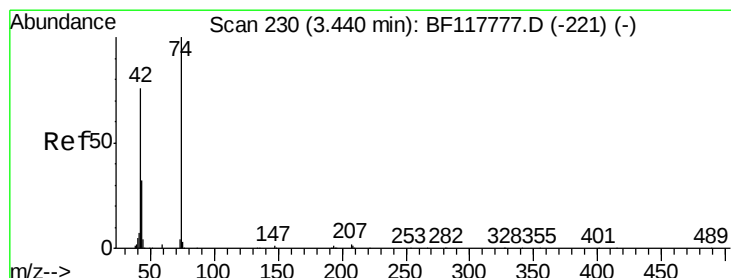
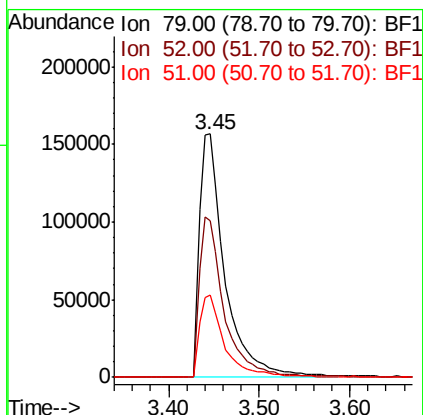
#3
Pvridine
Concen: 33.062 ng
RT: 3.45 min Scan# 231
Delta R.T. 0.06 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.1	50.6	75.8
51	33.8	26.8	40.2

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

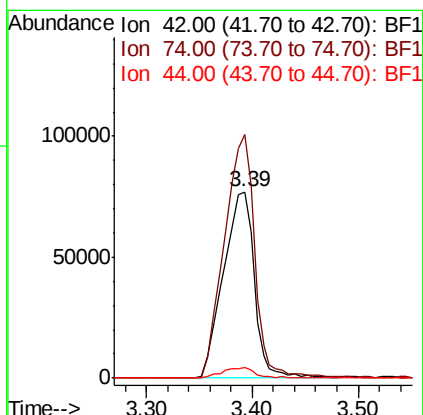
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#4
n-Nitrosodimethylamine
Concen: 38.738 ng
RT: 3.39 min Scan# 222
Delta R.T. 0.06 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.6	102.8	154.2
44	5.4	4.7	7.1





#5

2-Fluorophenol

Concen: 103.850 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

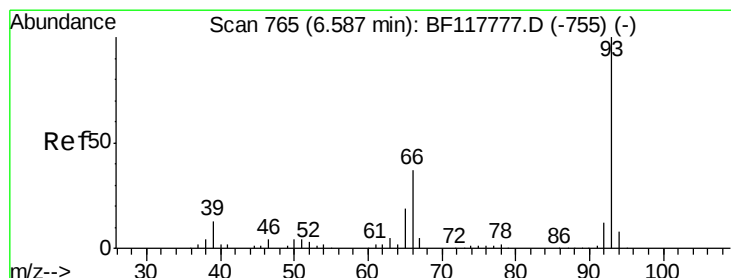
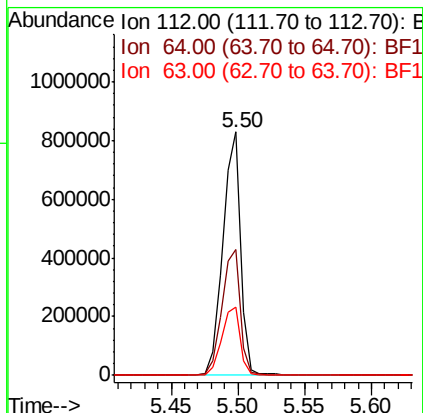
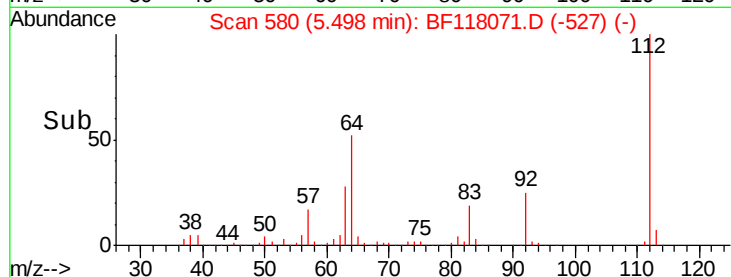
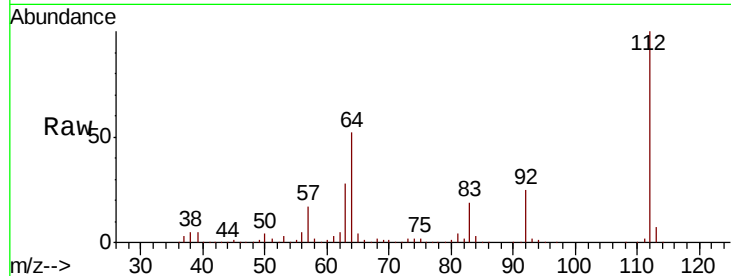
ClientSampleId :

TP-20-SMS

Tot Ion:	112	Resp:	784501
Ion Ratio	Lower	Upper	
112	100		
64	51.6	45.1	67.7
63	28.1	24.6	37.0

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#6

Aniline

Concen: 20.341 ng

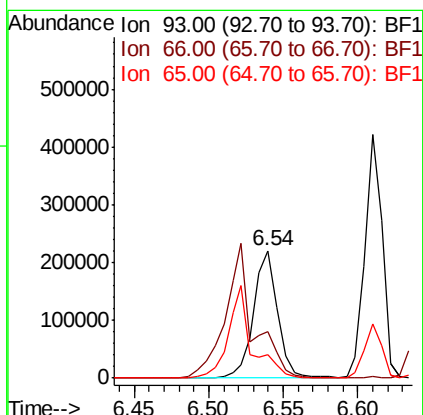
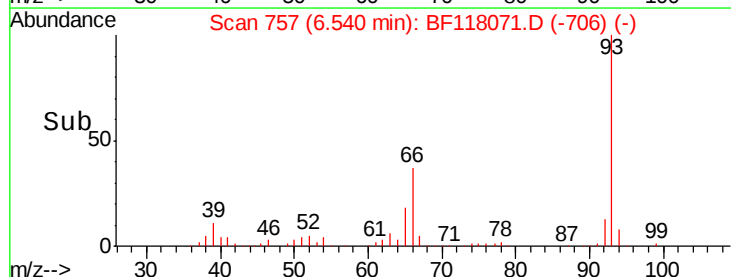
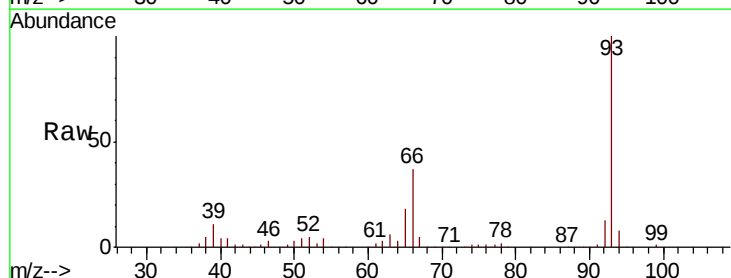
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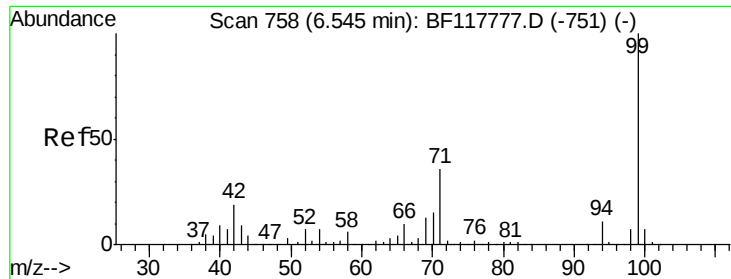
Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Tgt Ion:	93	Resp:	244918
Ion Ratio	Lower	Upper	
93	100		
66	36.8	31.0	46.6
65	18.2	15.8	23.8





#7

Phenol-d6

Concen: 111.041 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

TP-20-SMS

Tot Ion: 99 Resp: 1011756

Ion Ratio Lower Upper

99 100

42 17.0 14.0 21.0

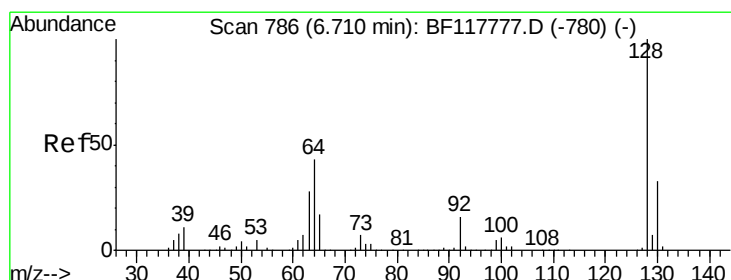
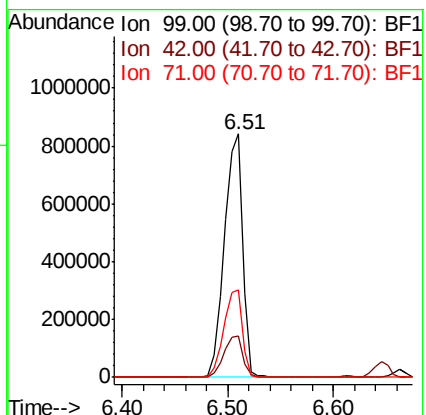
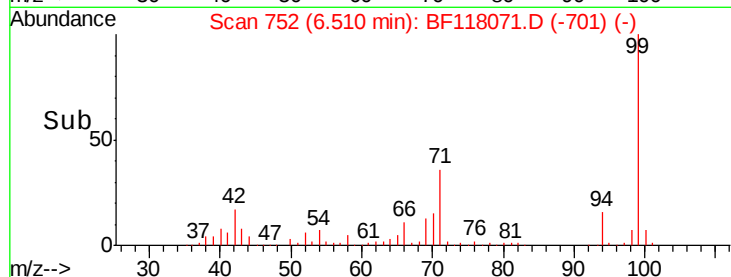
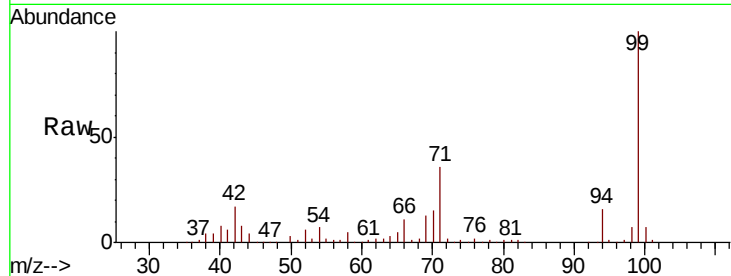
71 35.9 29.2 43.8

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#8

2-Chlorophenol

Concen: 48.021 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

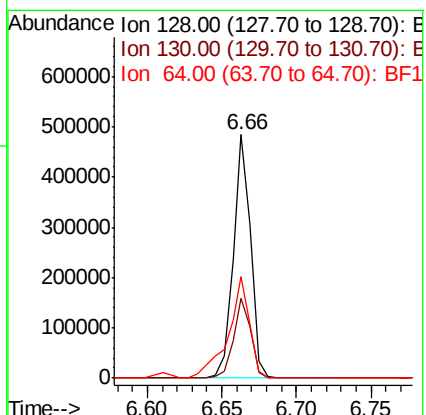
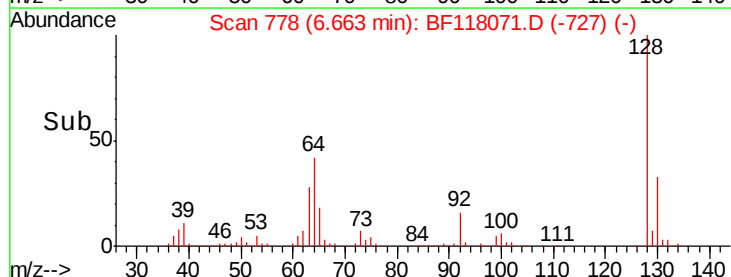
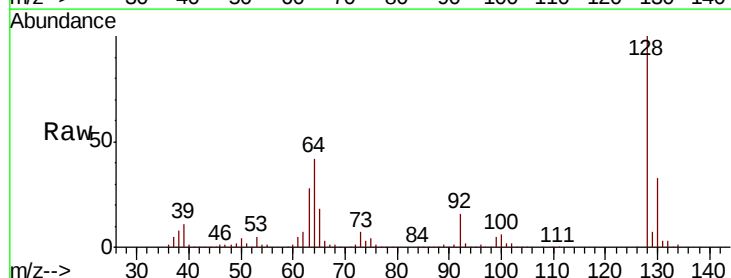
Tgt Ion: 128 Resp: 393626

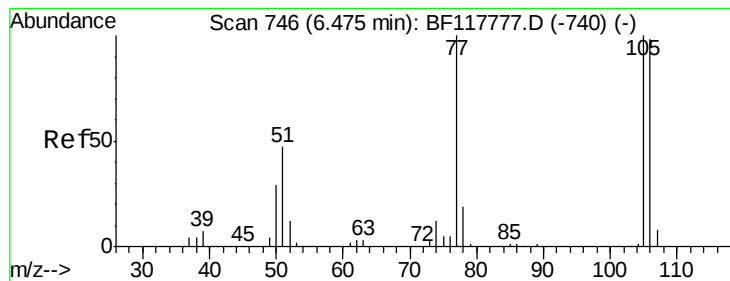
Ion Ratio Lower Upper

128 100

130 32.7 12.4 52.4

64 41.7 23.2 63.2





#9

Benzaldehyde

Concen: 19.834 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

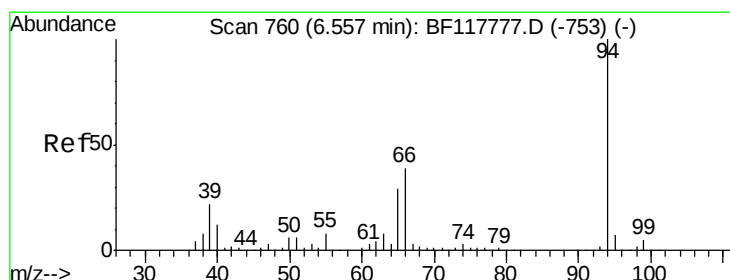
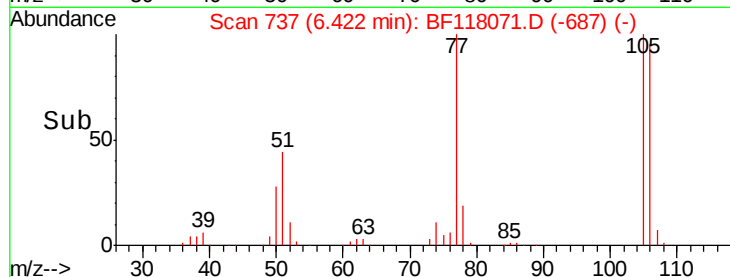
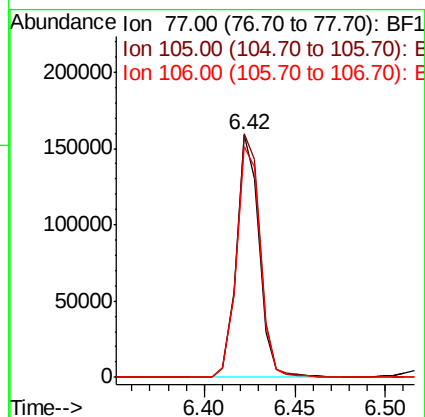
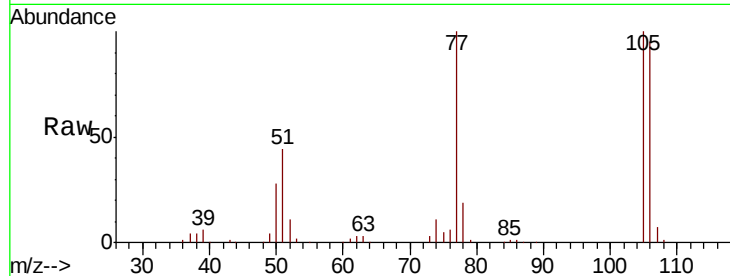
ClientSampleId :

TP-20-SMS

Tot Ion:	77	Resp:	138576
Ion	Ratio	Lower	Upper
77	100		
105	100.3	83.3	123.3
106	95.3	80.9	120.9

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#10

Phenol

Concen: 50.180 ng

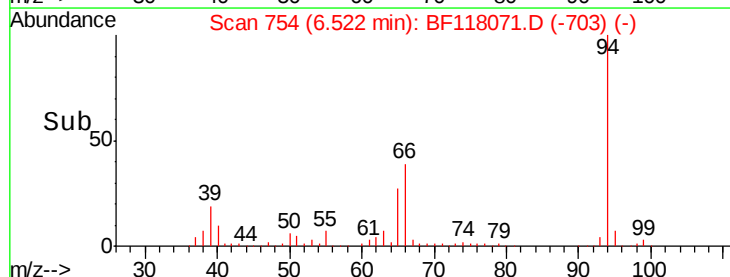
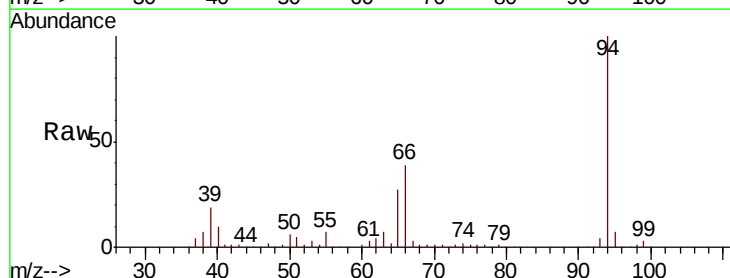
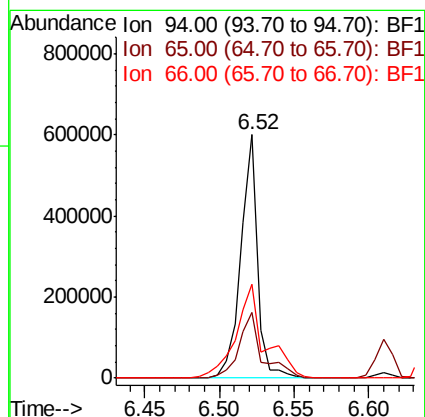
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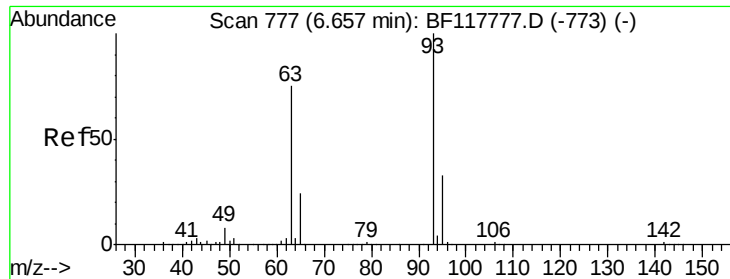
Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Tgt Ion:	94	Resp:	475115
Ion	Ratio	Lower	Upper
94	100		
65	26.8	6.9	46.9
66	38.7	18.6	58.6





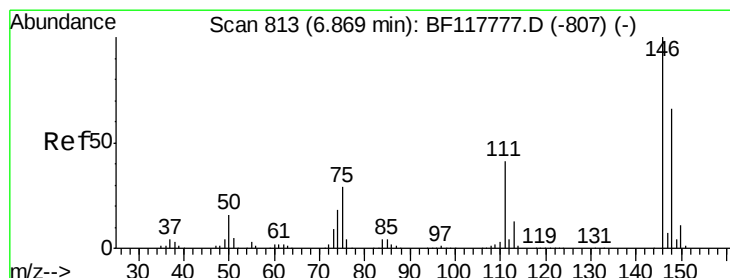
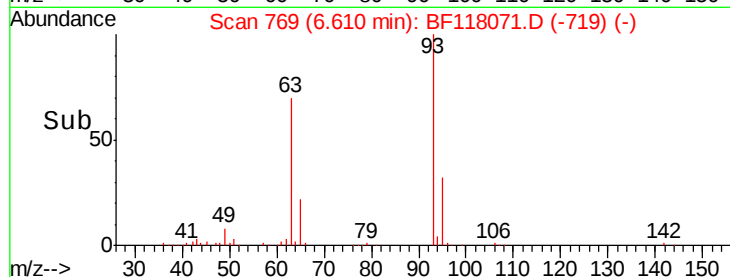
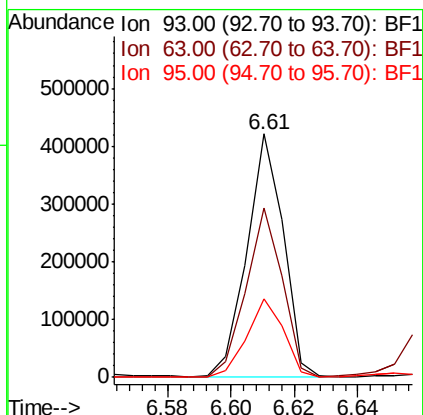
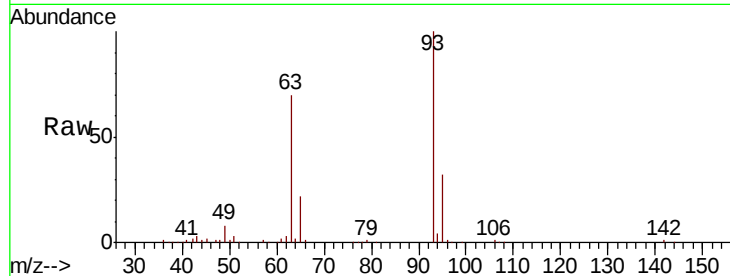
#11
bis(2-Chloroethyl)ether
Concen: 43.974 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion:	93	Resp:	334347
Ion Ratio	Lower	Upper	
93	100		
63	69.8	46.8	86.8
95	32.5	12.0	52.0

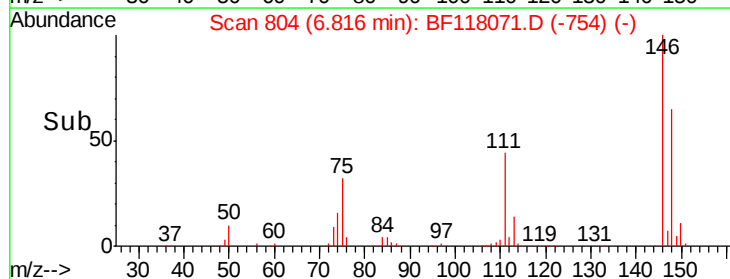
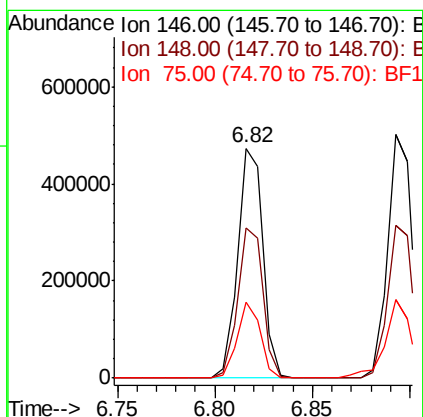
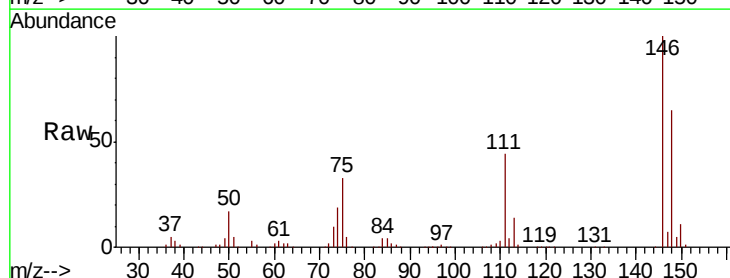
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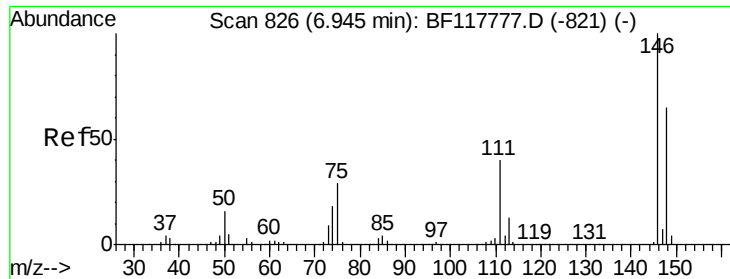
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.654 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion:	146	Resp:	421277
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.7	79.1
75	33.3	24.5	36.7





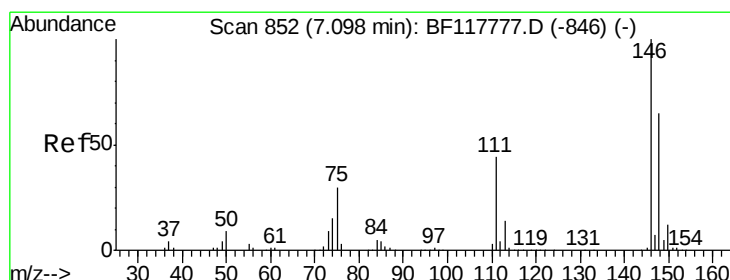
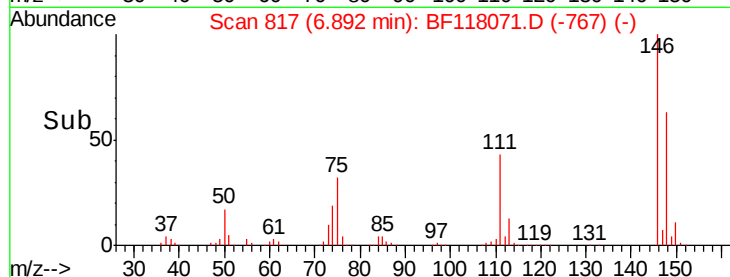
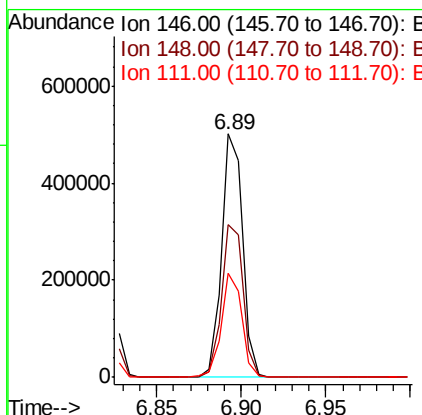
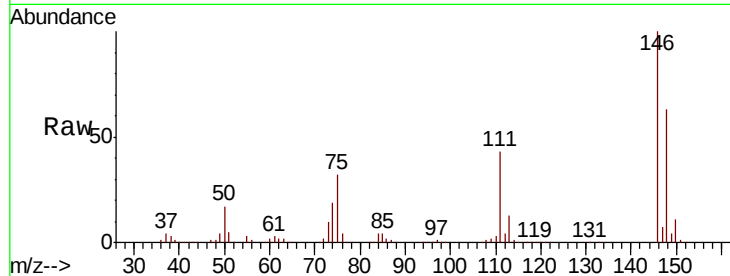
#13
 1,4-Dichlorobenzene
 Concen: 44.653 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-20-SMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		435564		
148	62.6	50.8	76.2		
111	42.8	34.6	51.8		

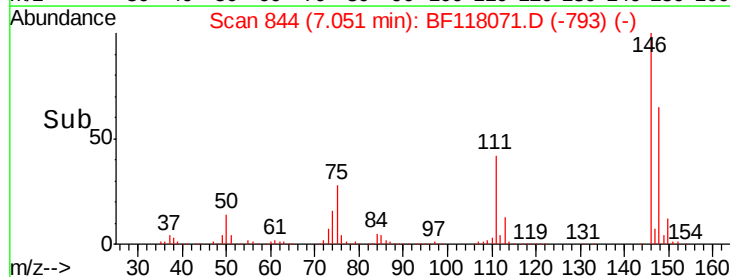
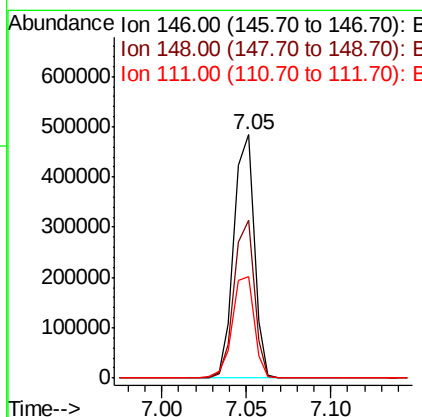
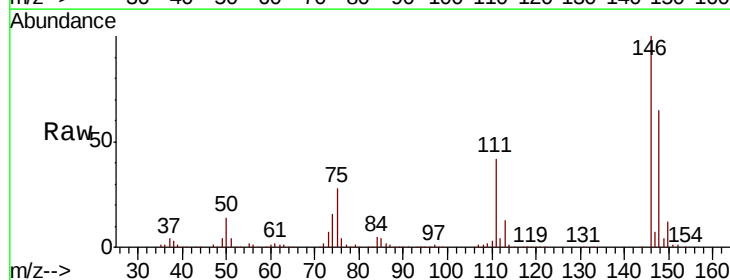
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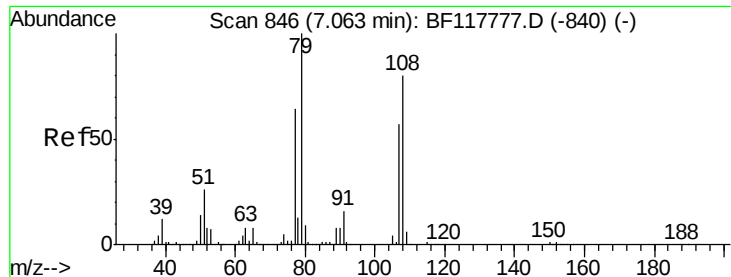
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#14
 1,2-Dichlorobenzene
 Concen: 43.497 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		405787		
148	65.0	51.6	77.4		
111	41.9	35.8	53.8		





#15

Benzyl Alcohol

Concen: 47.628 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

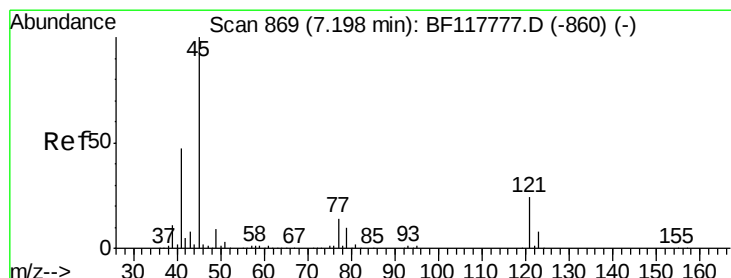
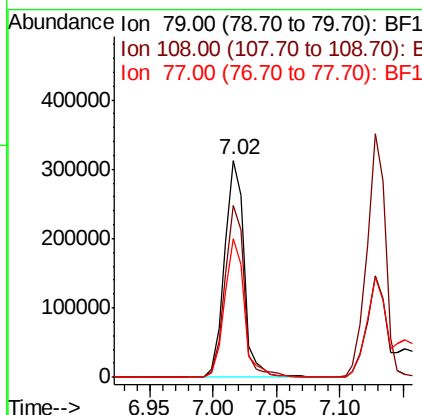
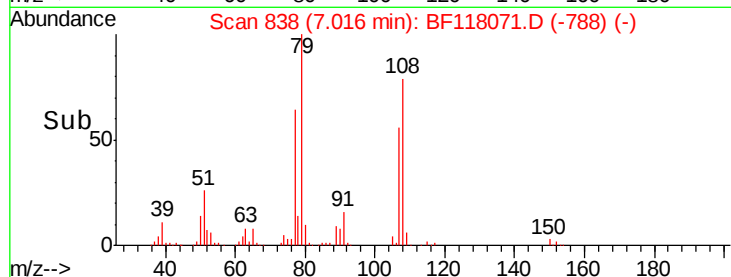
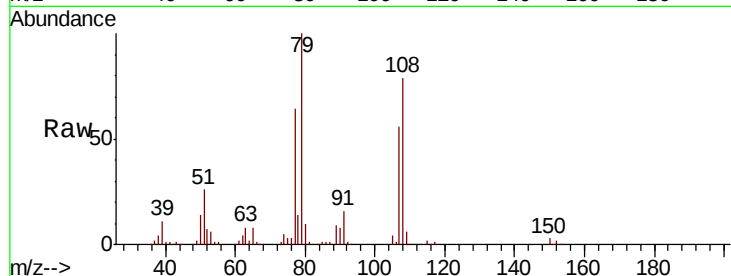
ClientSampleId :

TP-20-SMS

Tot Ion:	79	Resp:	335042
Ion Ratio	Lower	Upper	
79	100		
108	79.5	63.1	94.7
77	64.0	50.6	76.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.554 ng

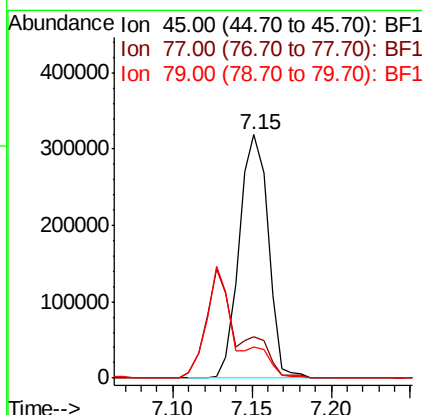
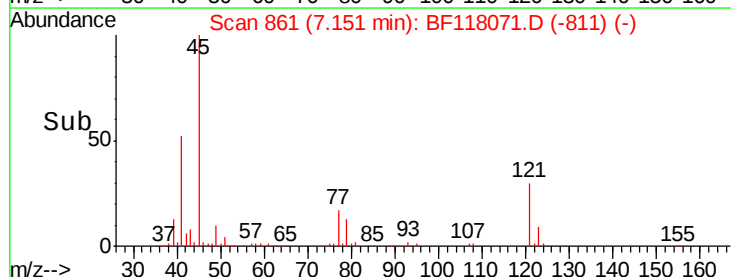
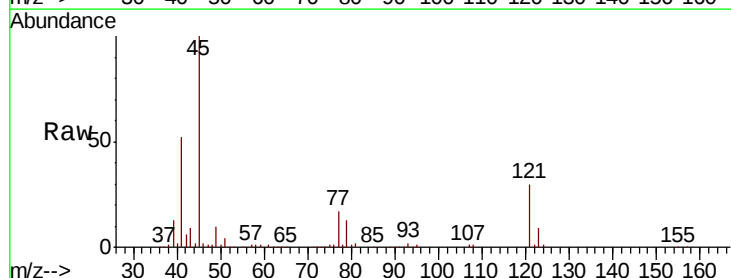
RT: 7.15 min Scan# 861

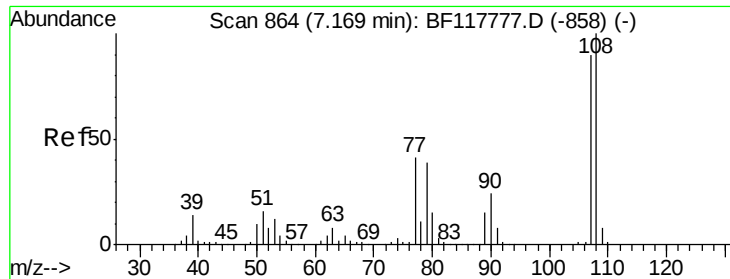
Delta R.T. -0.01 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Tgt Ion:	45	Resp:	404501
Ion Ratio	Lower	Upper	
45	100		
77	17.2	0.0	36.8
79	12.9	0.0	33.5





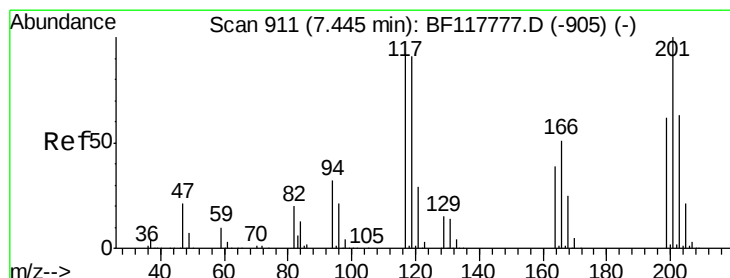
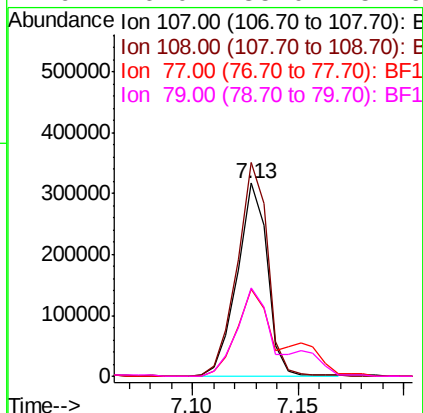
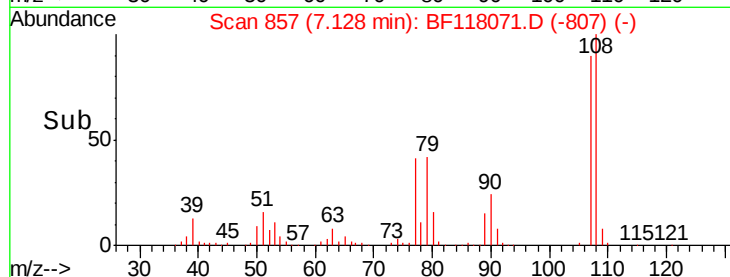
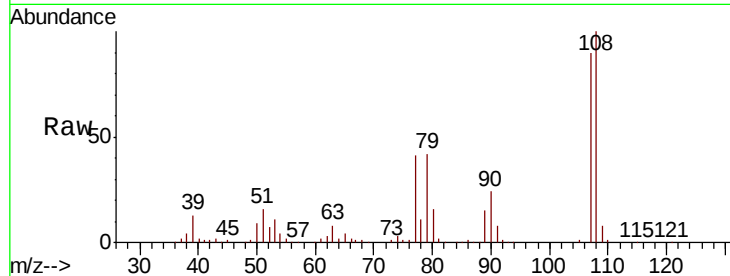
#17
2-Methylphenol
Concen: 45.418 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion:	107	Resp:	315272
Ion Ratio	Lower	Upper	
107	100		
108	110.7	89.8	134.8
77	45.3	35.0	52.6
79	46.0	35.0	52.6

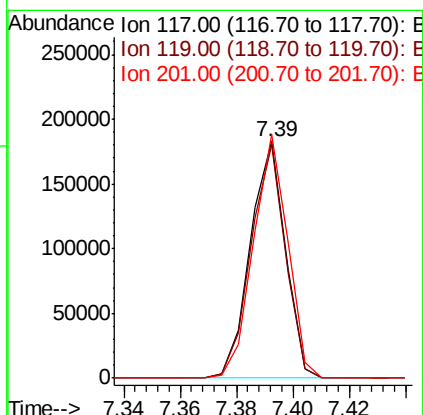
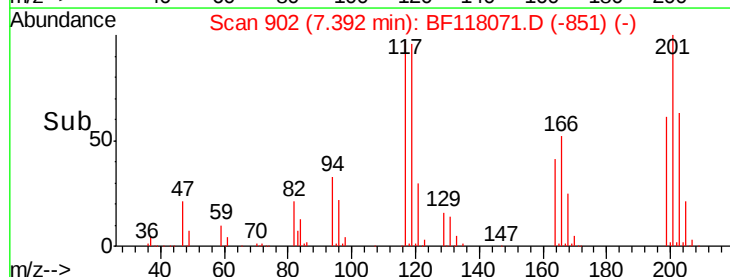
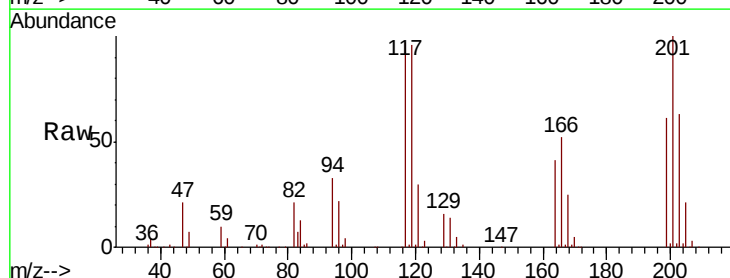
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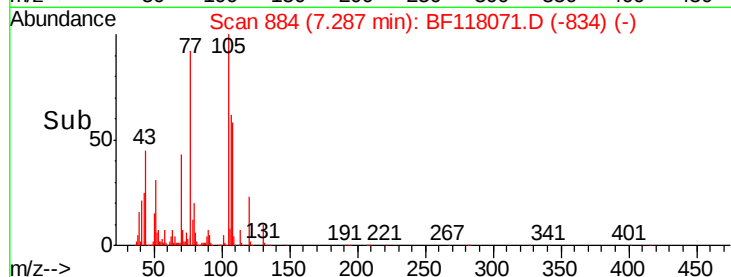
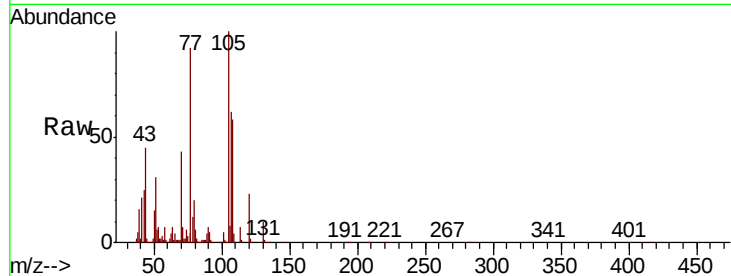
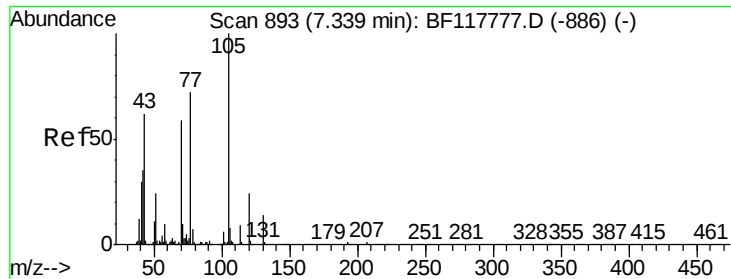
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#18
Hexachloroethane
Concen: 43.954 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion:	117	Resp:	157502
Ion Ratio	Lower	Upper	
117	100		
119	98.2	76.4	114.6
201	102.7	71.7	107.5





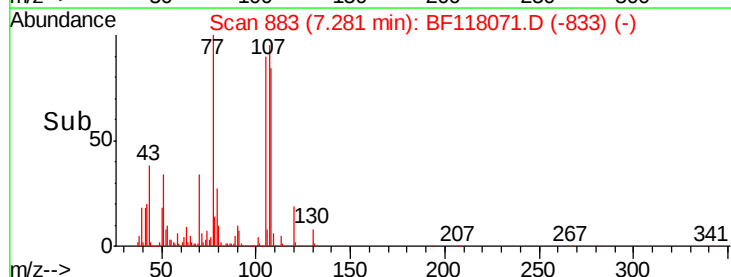
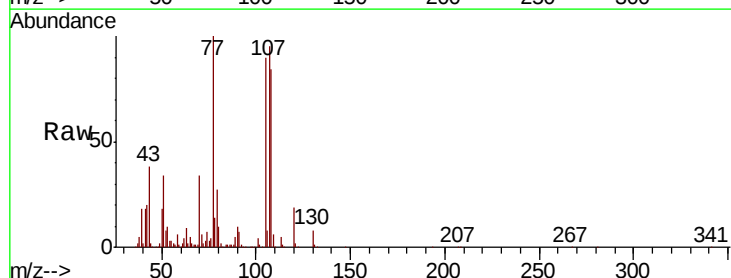
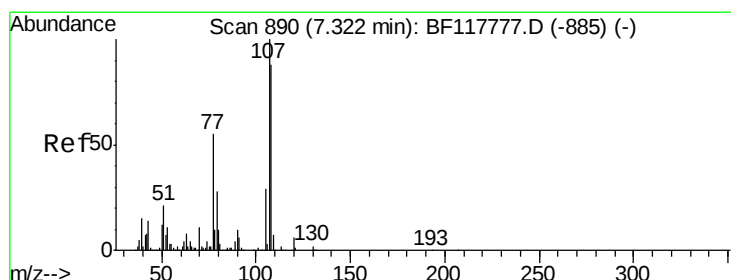
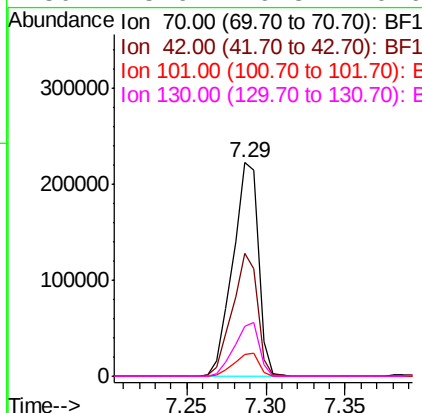
#19
n-Nitroso-di-n-propylamine
Concen: 44.510 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.5	46.0	69.0
101	10.4	8.8	13.2
130	23.6	19.8	29.6

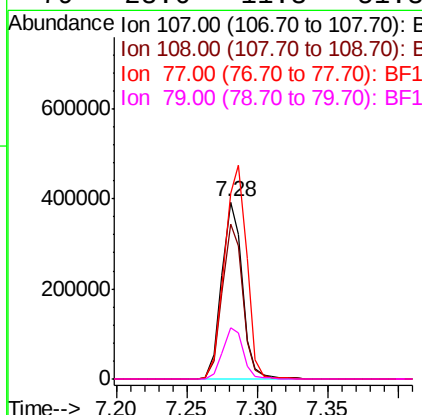
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#20
3+4-Methylphenols
Concen: 46.281 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	71.9	111.9
77	104.9	91.6	131.6
79	28.6	11.3	51.3





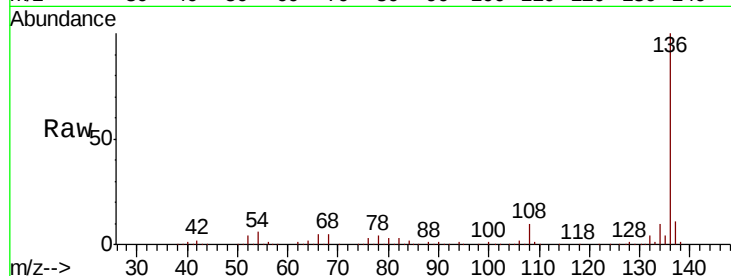
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		528327		
137	11.0	9.1	13.7		
54	6.4	4.9	7.3		
68	4.7	3.6	5.4		

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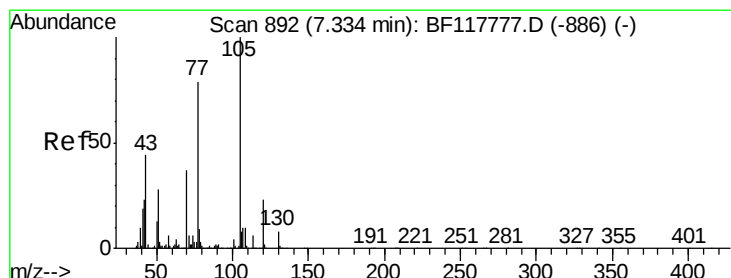
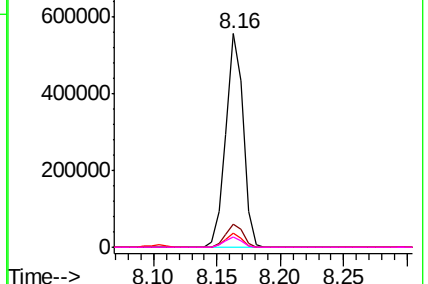
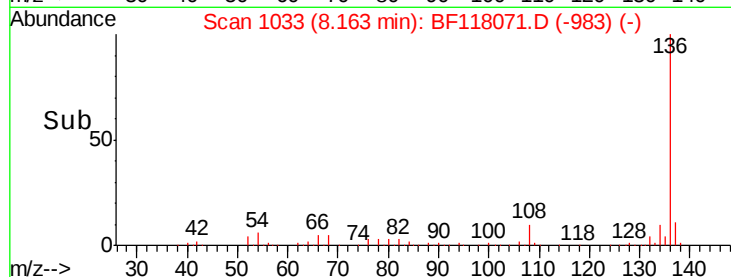
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

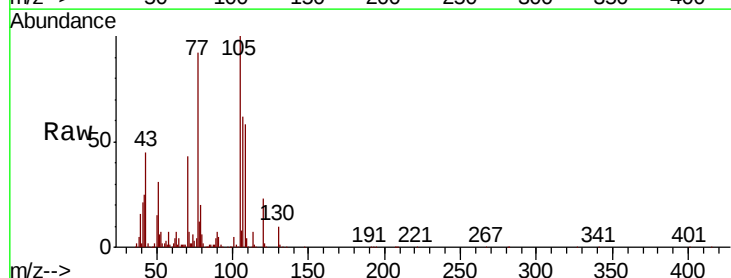
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 44.838 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		532223		
71	7.0	5.9	8.9		
51	30.8	20.2	30.2		
120	22.8	17.9	26.9		



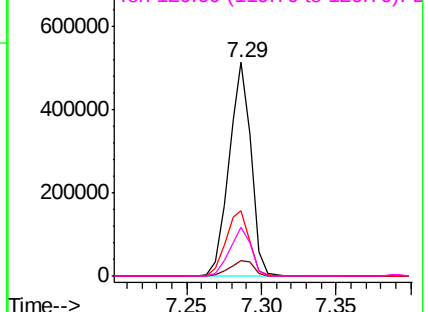
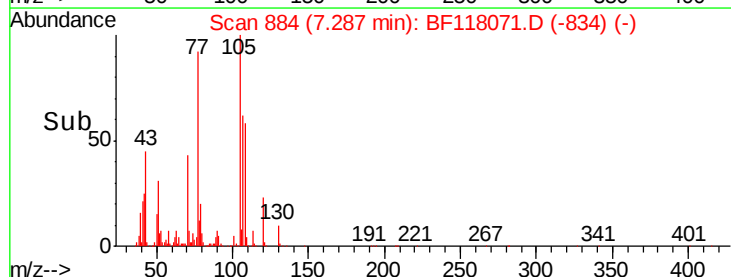
Abundance

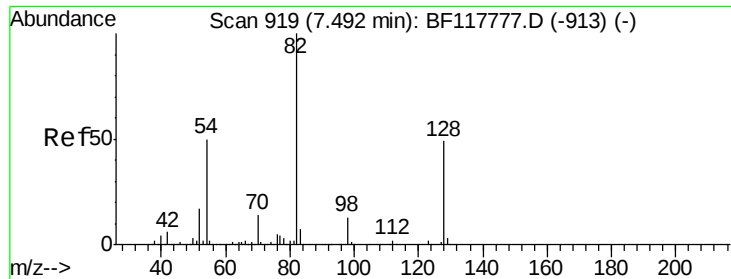
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





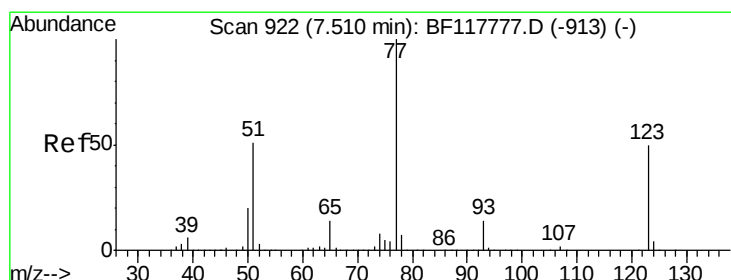
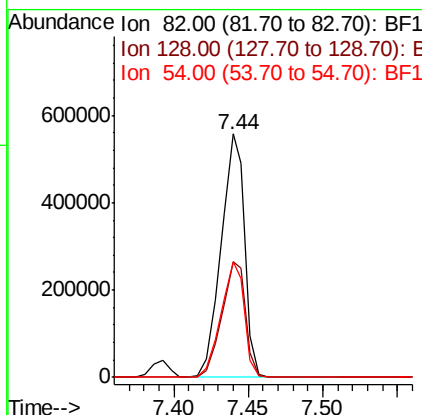
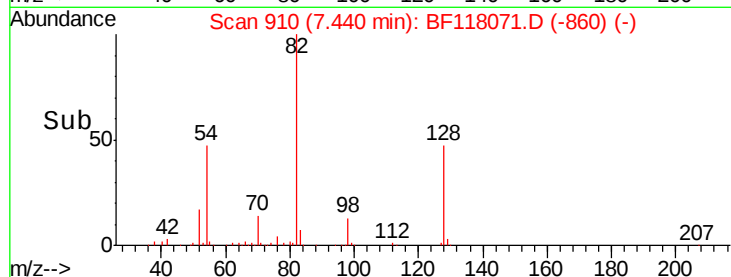
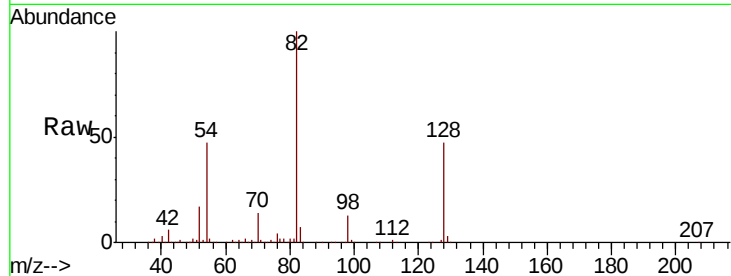
#23
Nitrobenzene-d5
Concen: 69.675 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	38.2	57.4
54	47.4	39.0	58.4

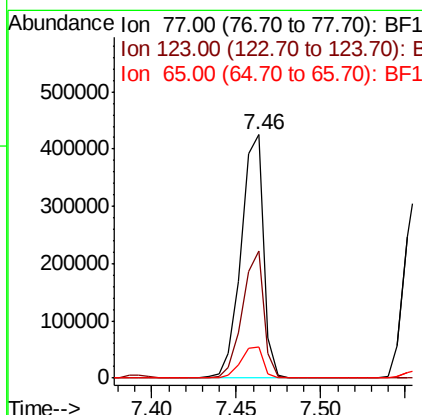
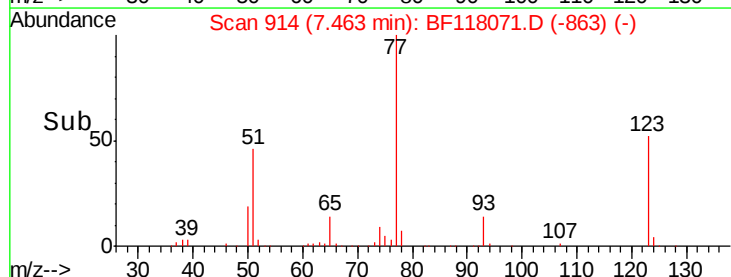
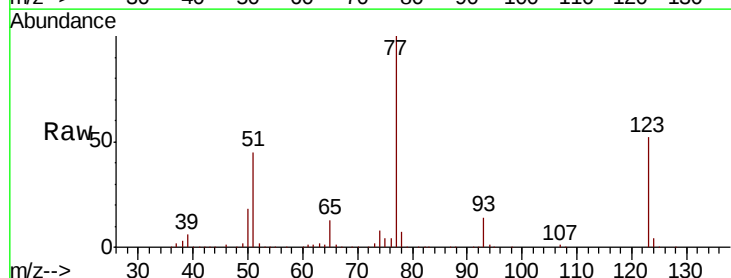
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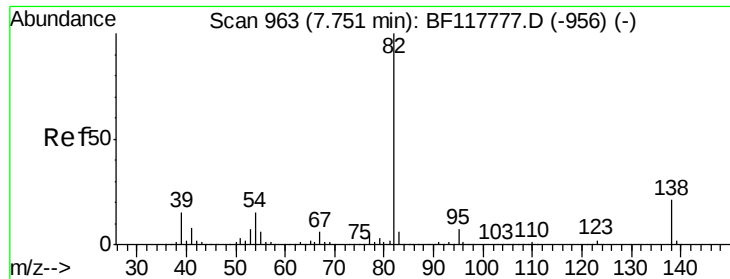
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#24
Nitrobenzene
Concen: 43.001 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.3	38.2	57.2
65	13.0	11.1	16.7





#25

Isophorone

Concen: 42.855 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

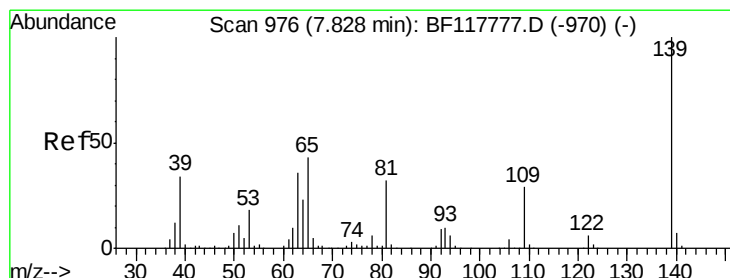
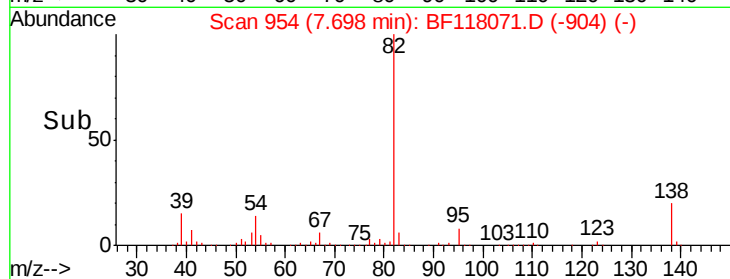
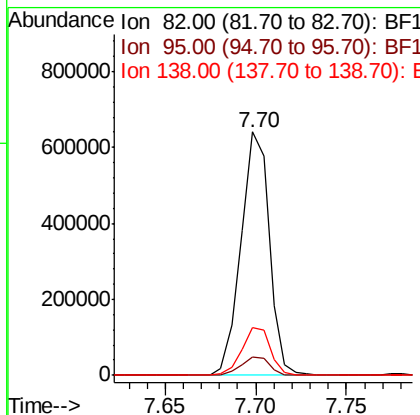
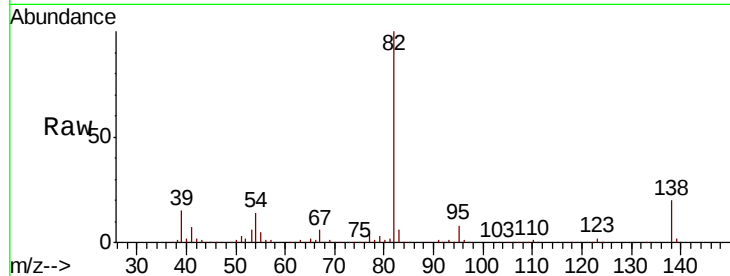
ClientSampleId :

TP-20-SMS

Tot Ion:	82	Resp:	698083
Ion Ratio		Lower	Upper
82	100		
95	7.8	6.2	9.2
138	19.9	15.9	23.9

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#26

2-Nitrophenol

Concen: 49.222 ng

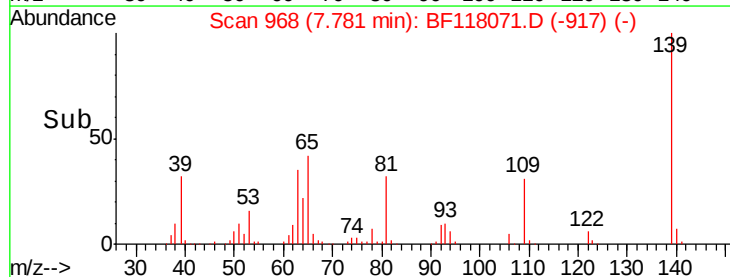
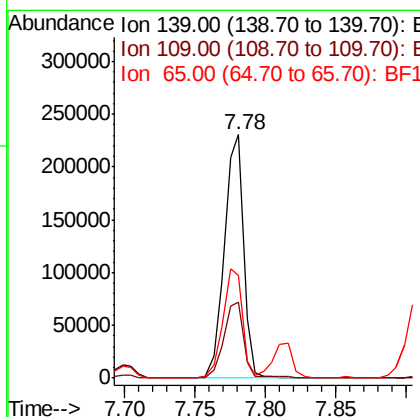
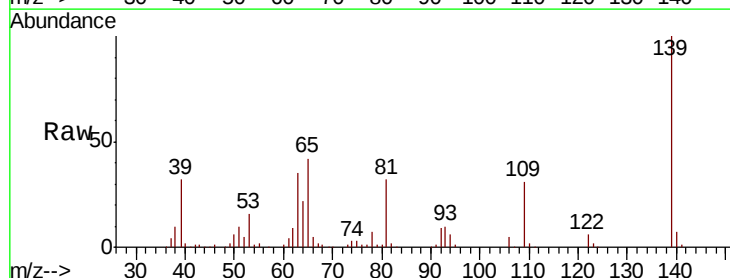
RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Tgt Ion:	139	Resp:	219662
Ion Ratio		Lower	Upper
139	100		
109	31.4	23.8	35.6
65	42.3	36.2	54.4





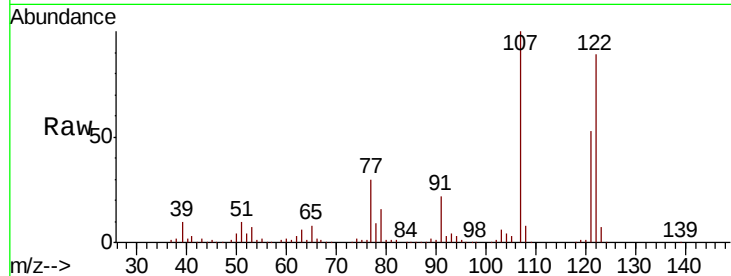
#27
2,4-Dimethylphenol
Concen: 50.292 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	348745		
107	112.9	92.6	138.8	
121	60.0	46.9	70.3	

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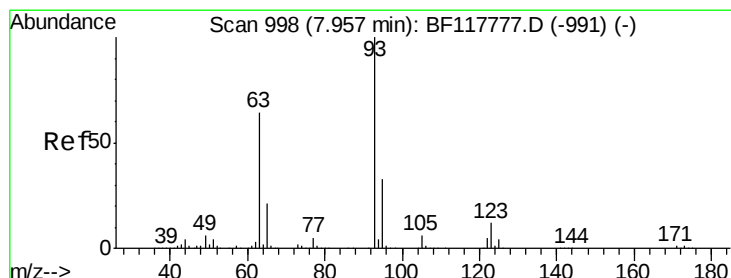
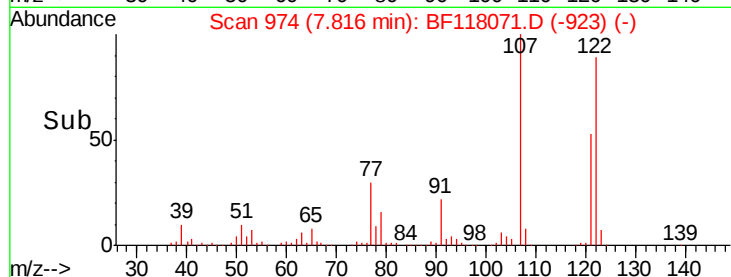
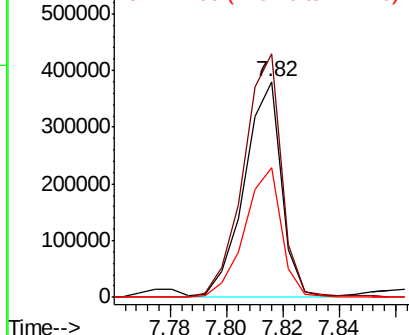


Abundance

Ion 122.00 (121.70 to 122.70): E

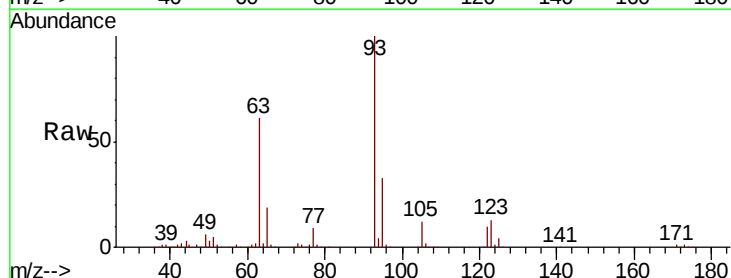
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.462 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	438920		
95	32.6	26.4	39.6	
123	13.0	10.2	15.4	

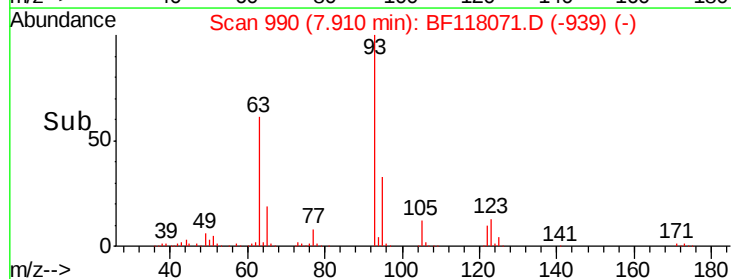
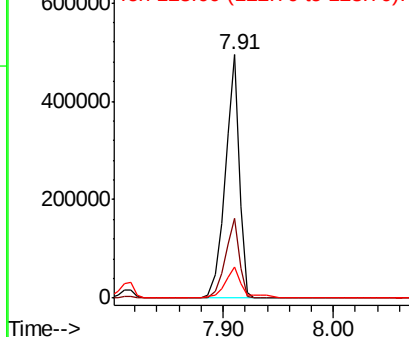


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





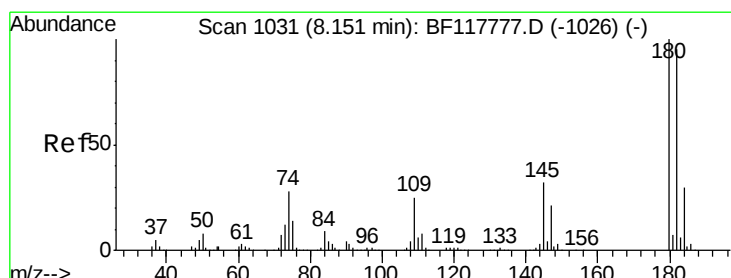
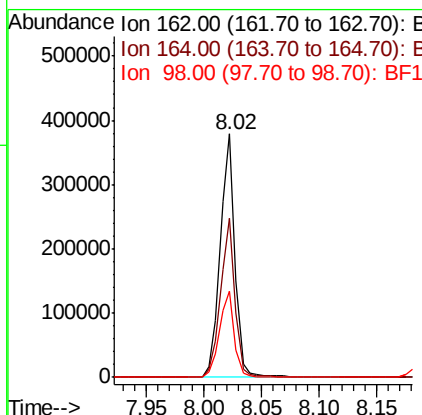
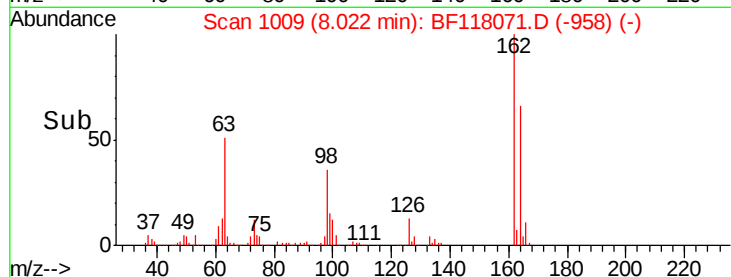
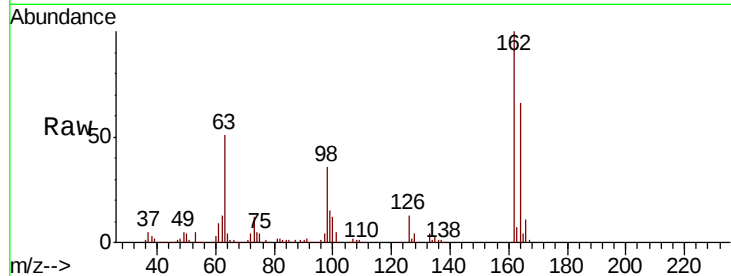
#29
2,4-Dichlorophenol
Concen: 45.008 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	338547		
164	65.6	42.9	82.9	
98	35.6	16.7	56.7	

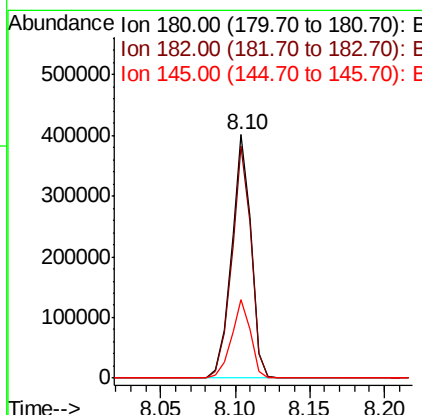
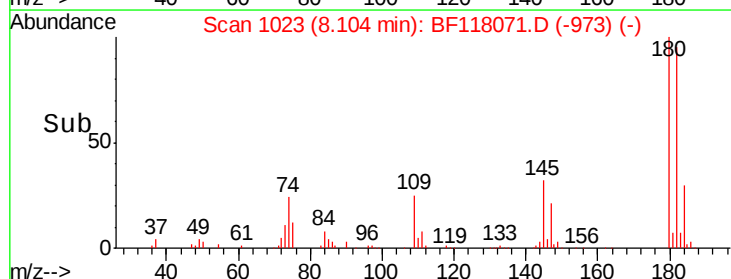
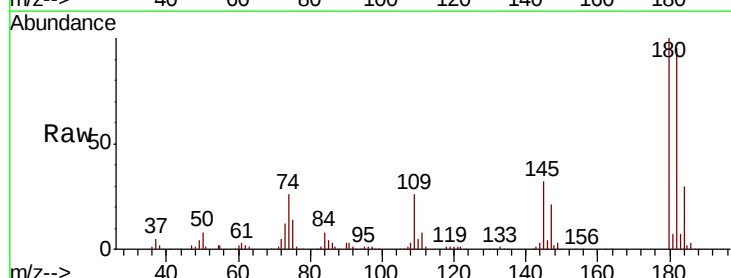
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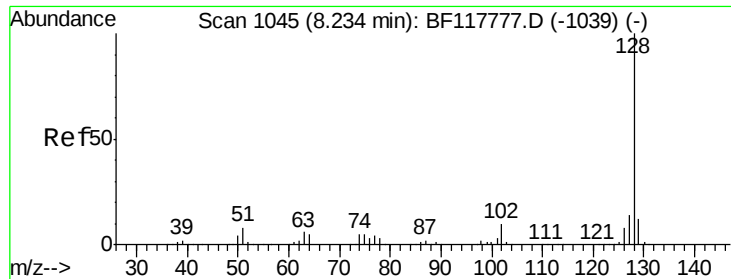
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.401 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	369945		
182	95.2	76.6	114.8	
145	32.3	25.1	37.7	





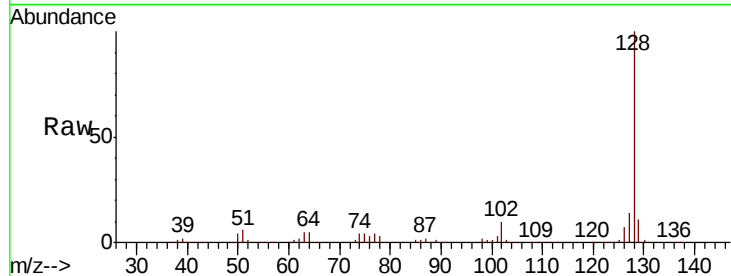
#31
Naphthalene
Concen: 46.888 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.7	10.6	16.0

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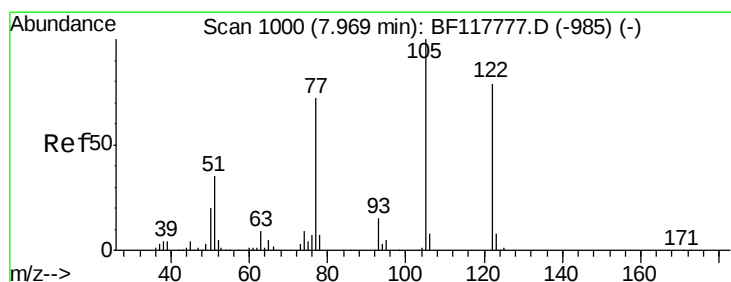
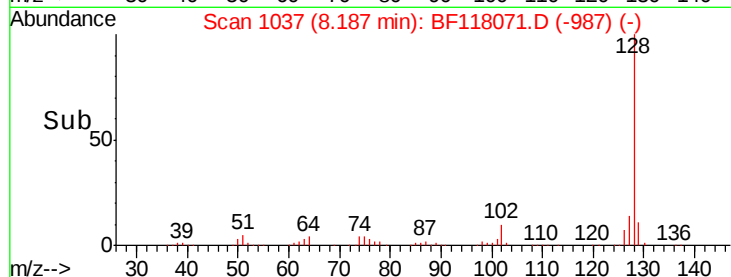
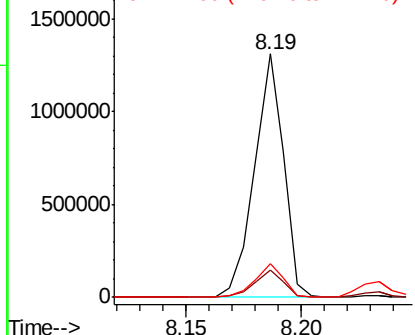


Abundance

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: 42.602 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

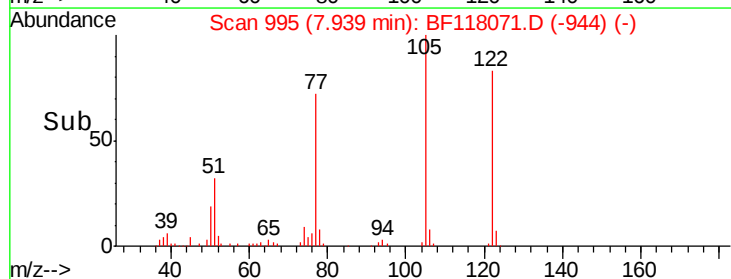
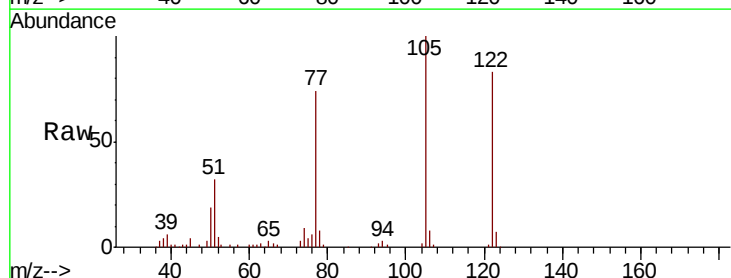
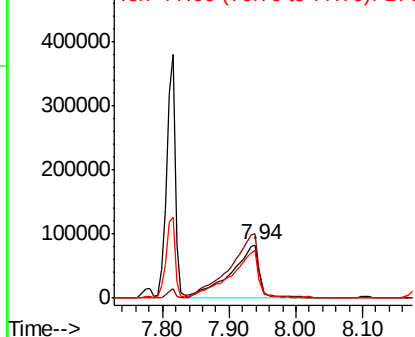
Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.3	101.4	141.4
77	89.0	66.4	106.4

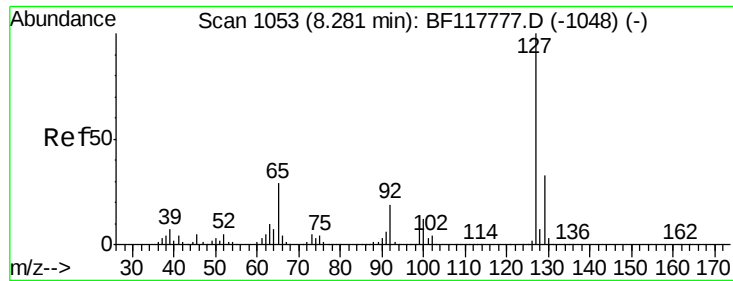
Abundance

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





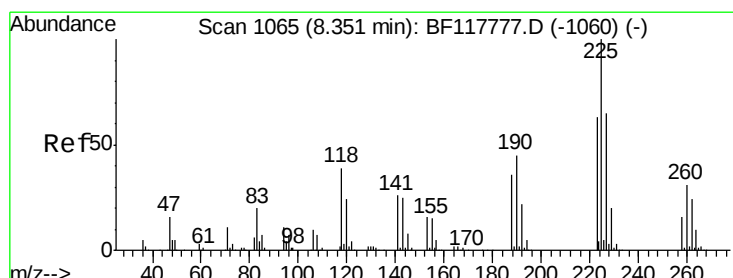
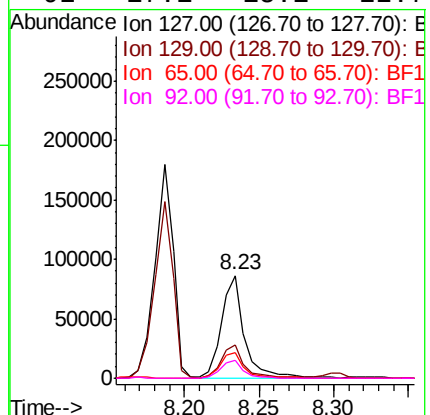
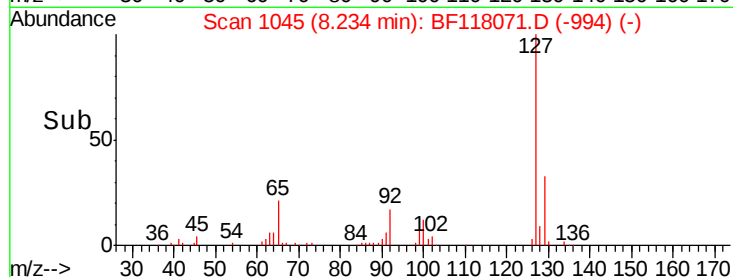
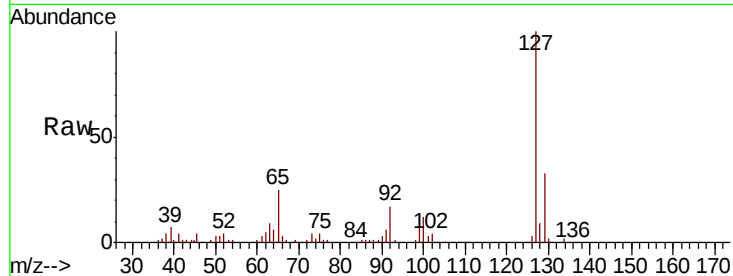
#33
4-Chloroaniline
Concen: 8.405 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.4	38.0		
65	24.7	23.4	35.0		
92	17.1	15.1	22.7		

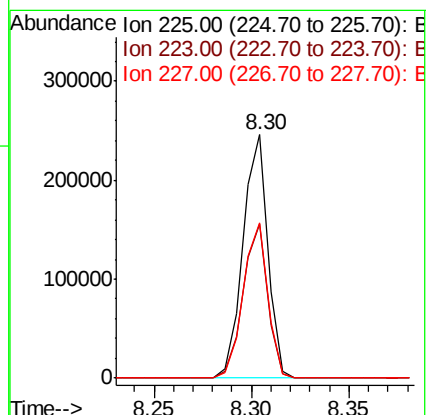
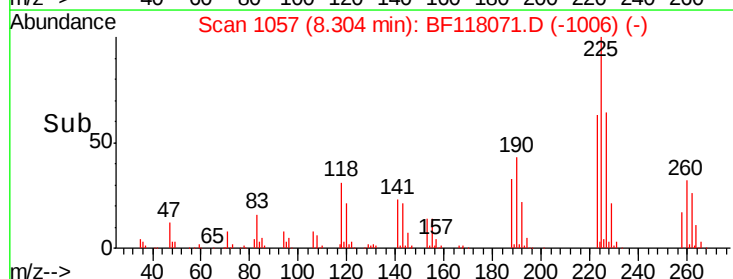
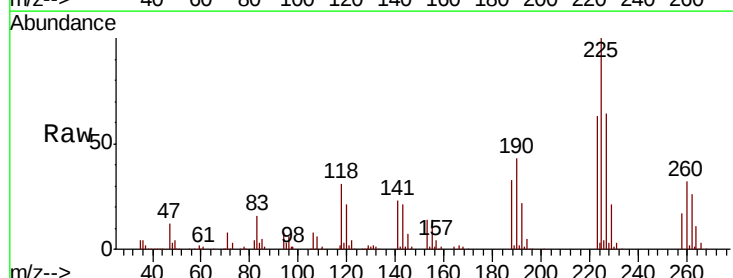
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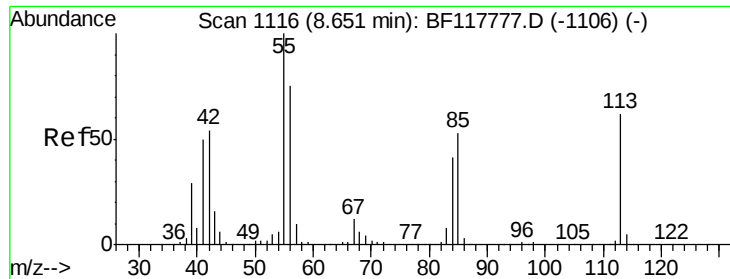
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#34
Hexachlorobutadiene
Concen: 42.288 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	51.4	77.2		
227	63.7	52.6	78.8		





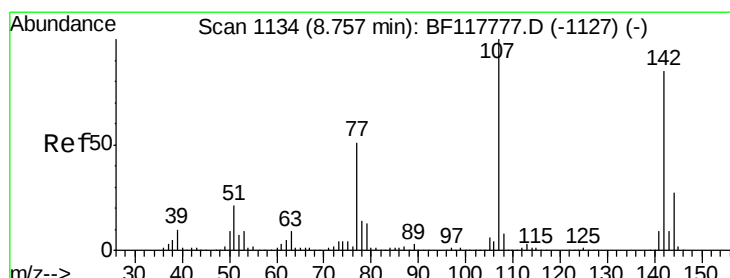
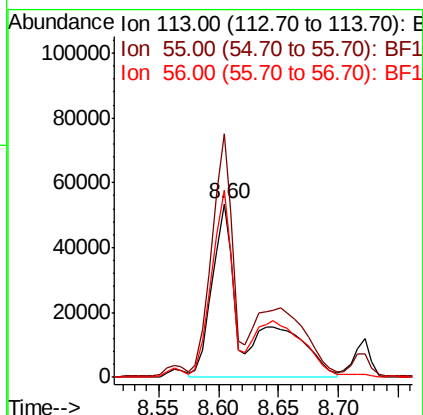
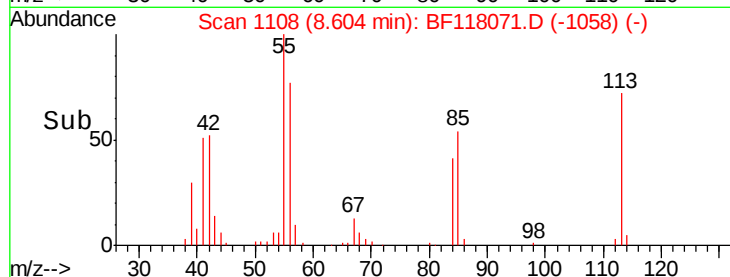
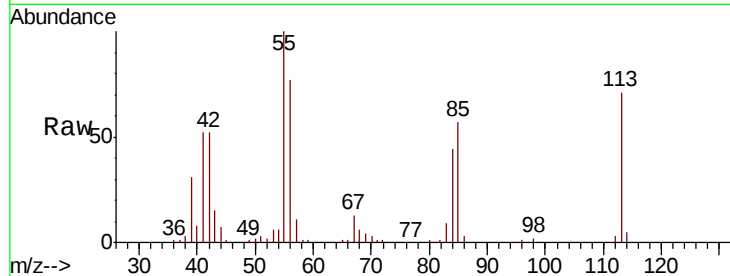
#35
Caprolactam
Concen: 46.129 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	140.4	125.5	165.5
56	108.1	88.0	128.0

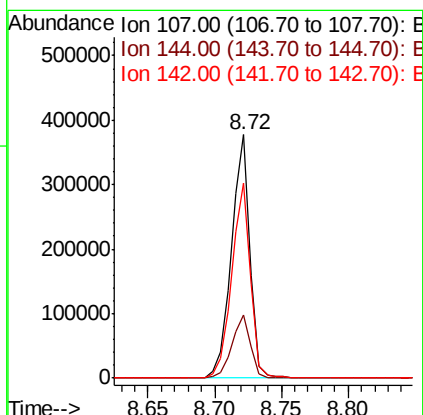
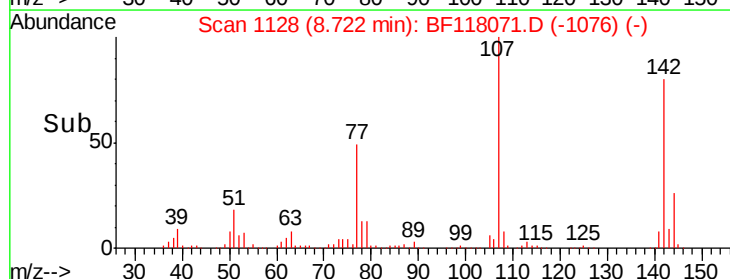
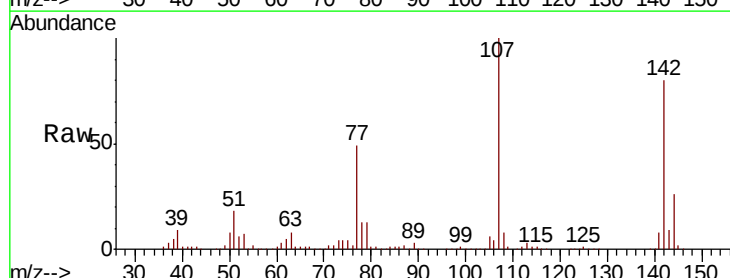
Manual Integrations
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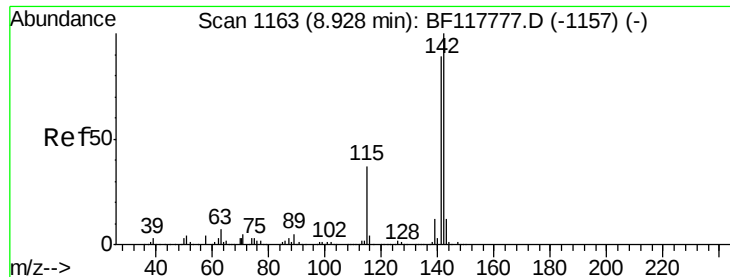
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#36
4-Chloro-3-methylphenol
Concen: 48.245 ng/ml
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.6	30.8
142	80.2	62.5	93.7





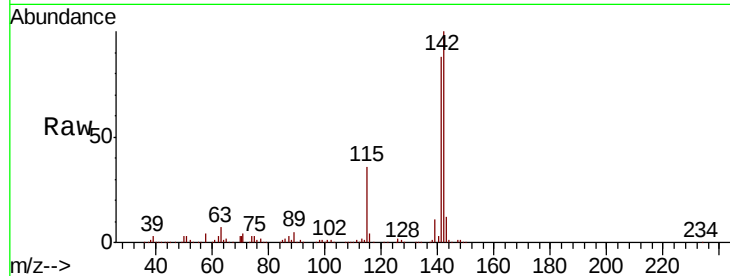
#37
2-Methylnaphthalene
Concen: 47.924 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.2	105.4
115	35.5	29.2	43.8

Manual Integrations
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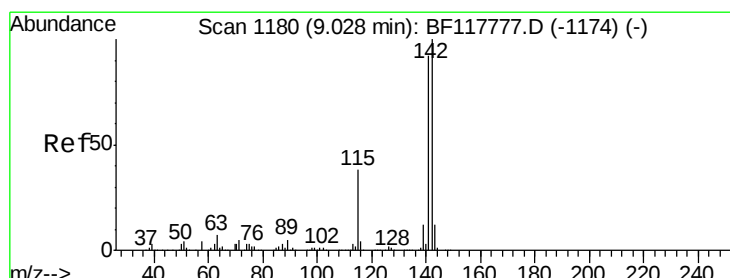
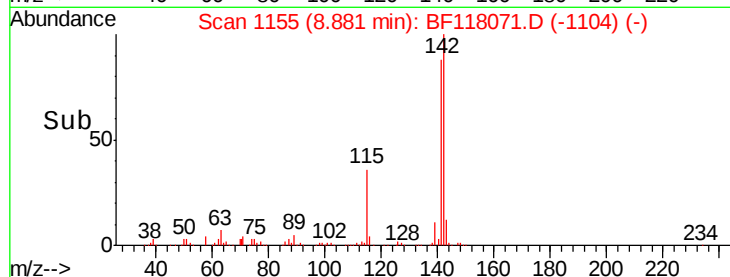
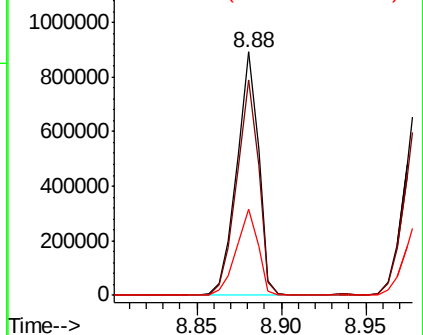


Abundance

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: 47.031 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

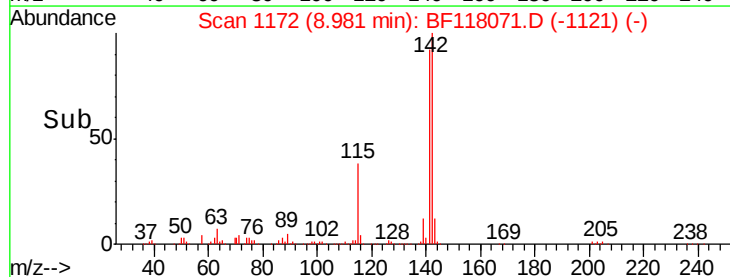
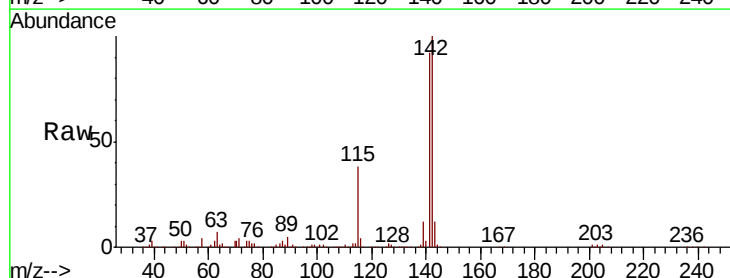
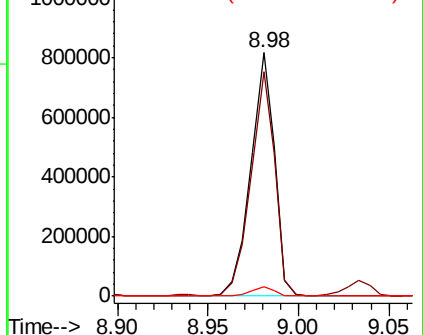
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.6	110.4
116	3.8	3.1	4.7

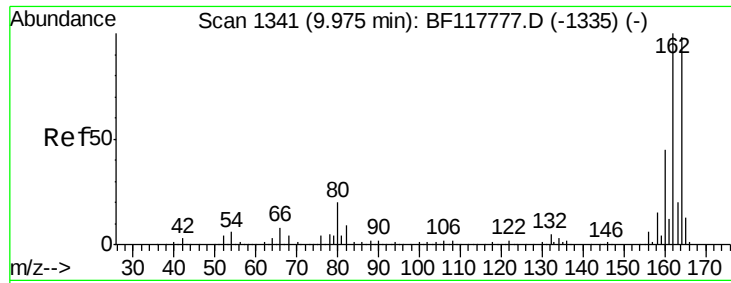
Abundance

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





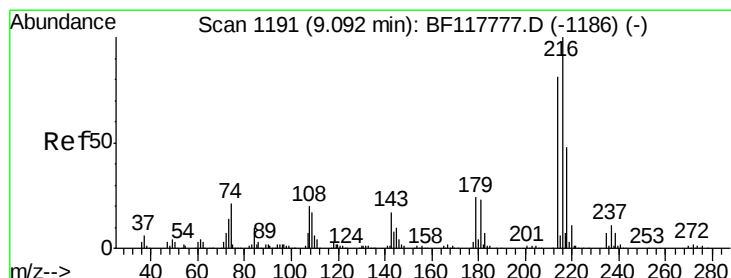
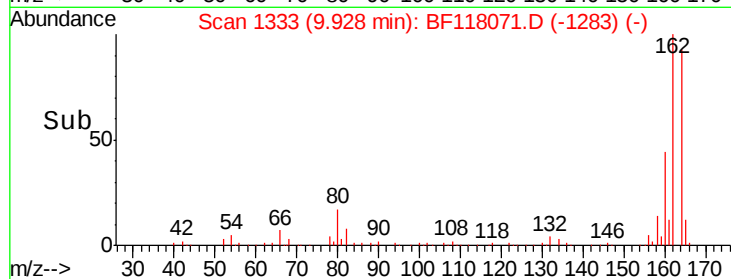
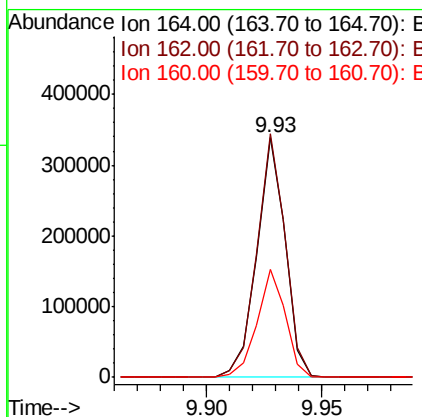
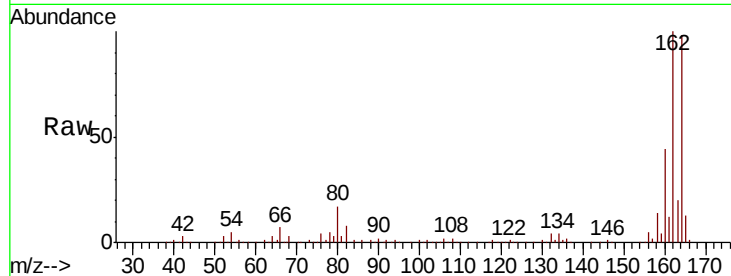
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.8	122.8
160	44.9	35.9	53.9

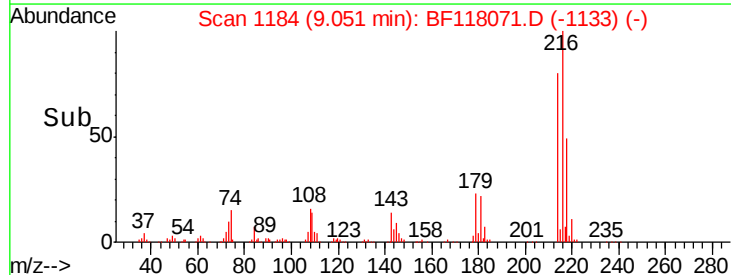
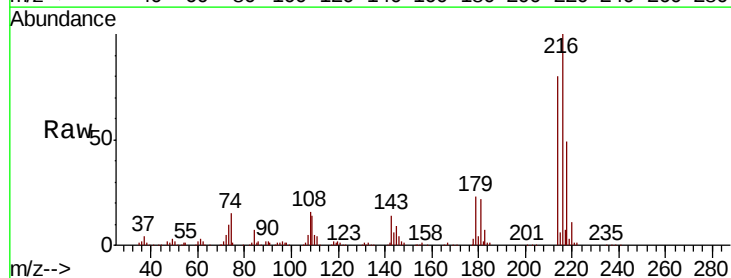
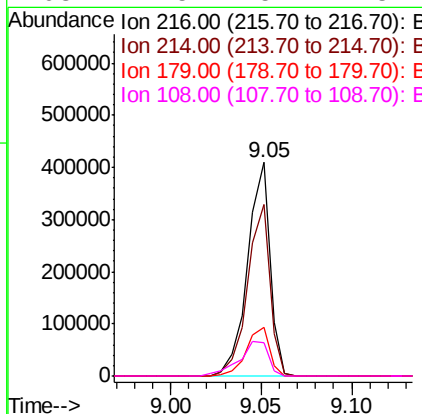
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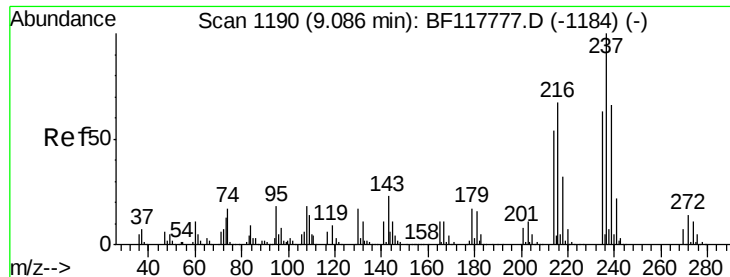
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.551 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.0	94.4
179	23.4	18.5	27.7
108	21.5	15.4	23.2





#41

Hexachlorocyclopentadiene

Concen: 79.431 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

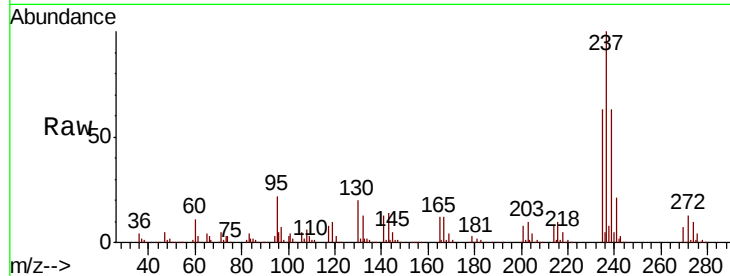
ClientSampled :

TP-20-SMS

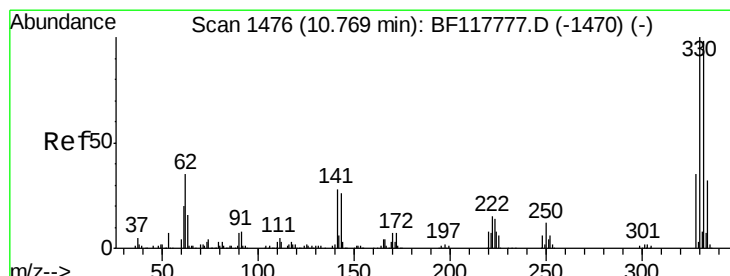
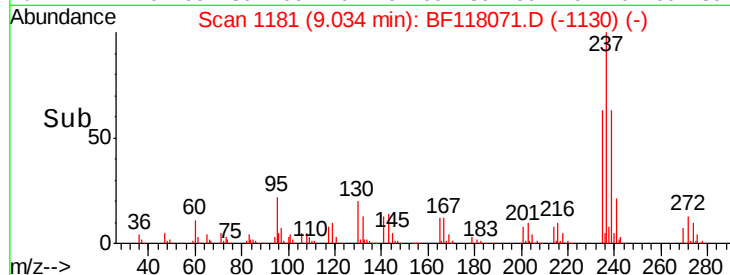
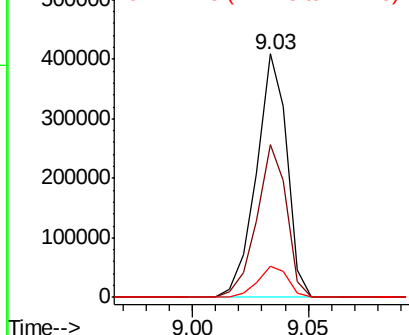
Tot Ion:	237	Resp:	377788
Ion Ratio		Lower	Upper
237	100		
235	63.0	43.7	83.7
272	12.6	0.0	32.7

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



#42

2,4,6-Tribromophenol

Concen: 121.605 ng

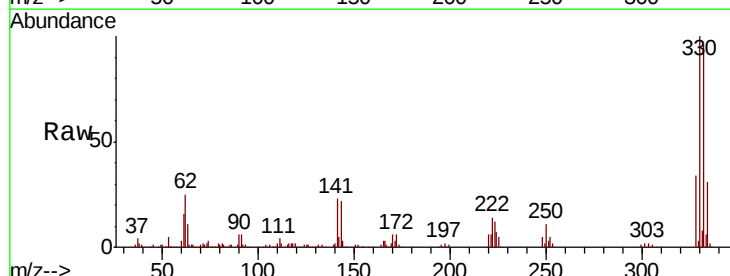
RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

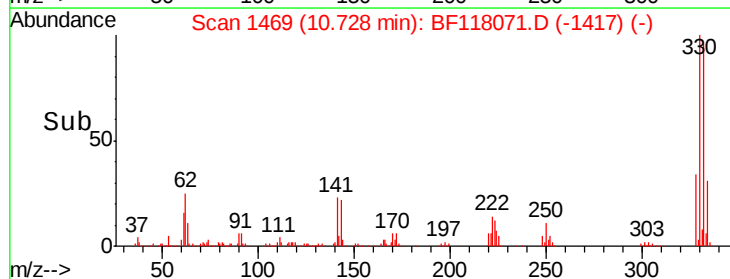
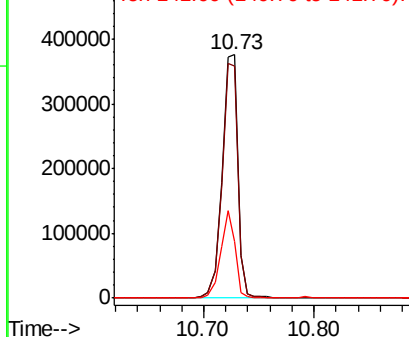
Lab File: BF118071.D

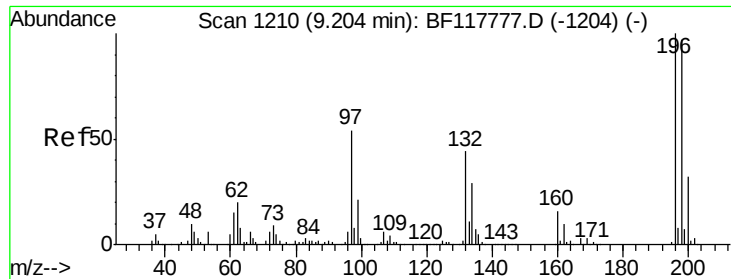
Acq: 3 Dec 2019 19:24

Tgt Ion:	330	Resp:	376241
Ion Ratio		Lower	Upper
330	100		
332	96.7	78.3	117.5
141	32.6	26.4	39.6



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





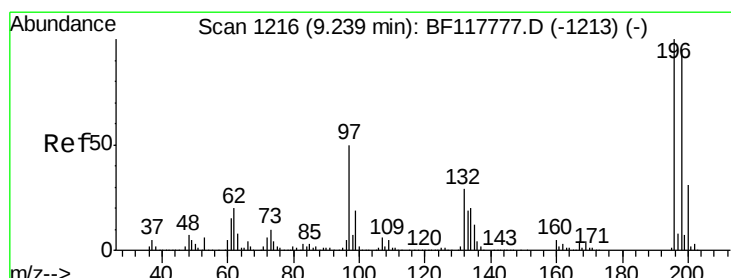
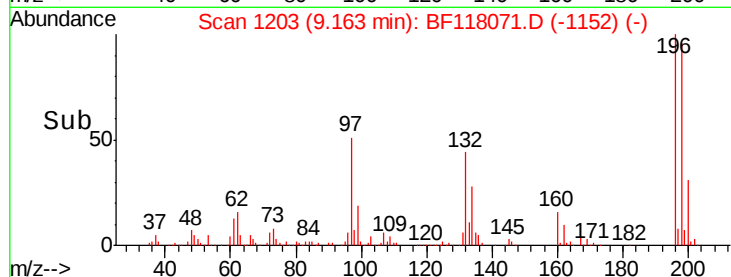
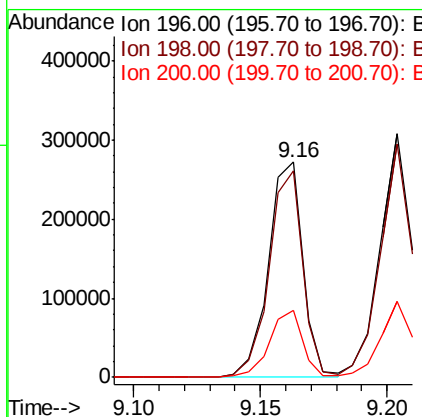
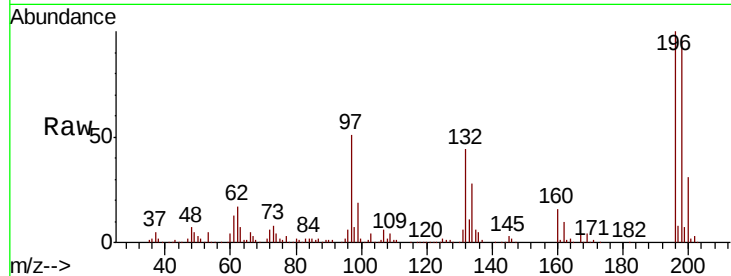
#43
 2,4,6-Trichlorophenol
 Concen: 42.314 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Instrument :
 BNA_F
 ClientSampled :
 TP-20-SMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	257227		
198	95.8	76.9	115.3	
200	30.9	24.2	36.4	

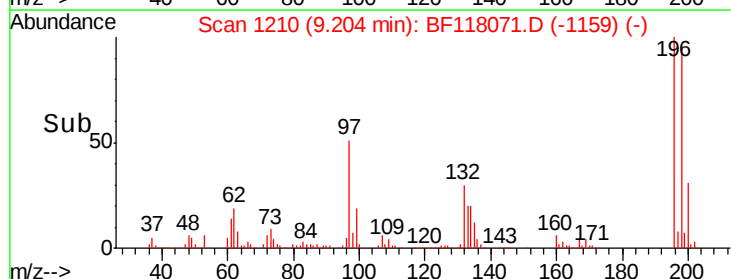
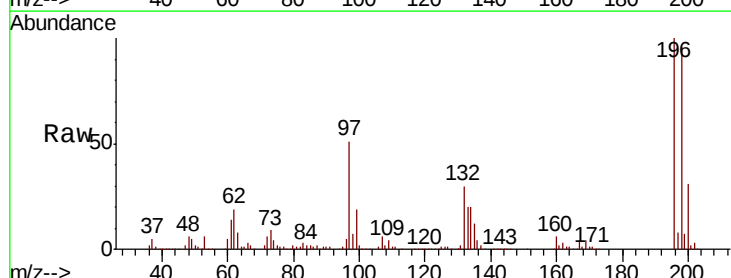
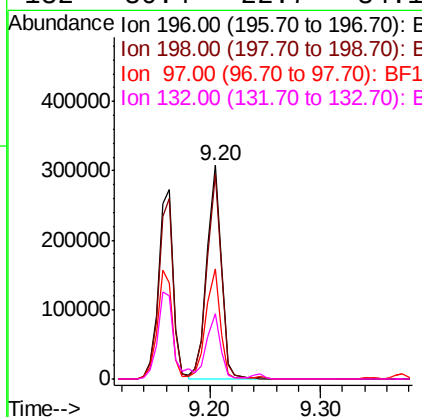
Manual Integrations
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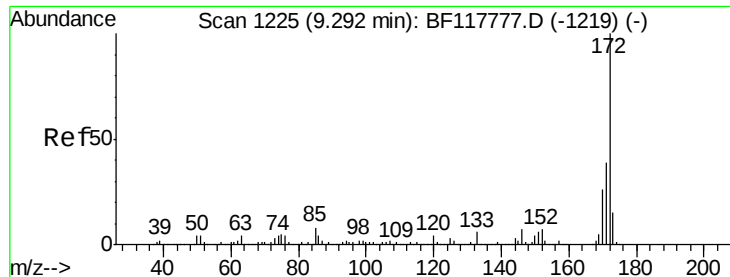
mohammad
 12/4/2019 5:01:41 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.022 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	271536		
198	95.8	78.1	117.1	
97	51.5	37.4	56.2	
132	30.4	22.7	34.1	





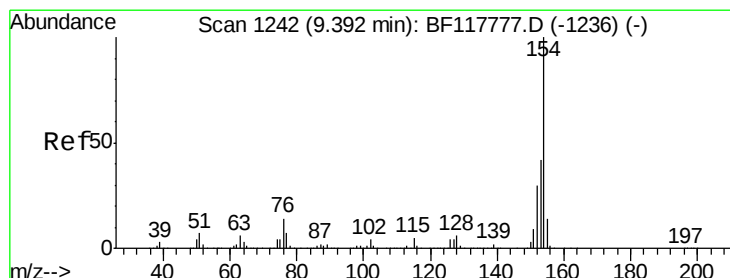
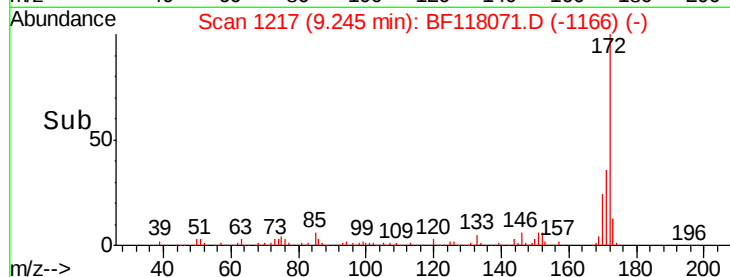
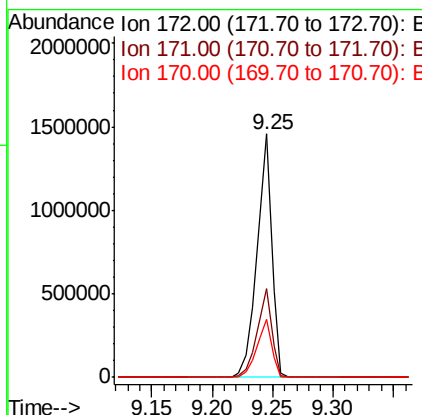
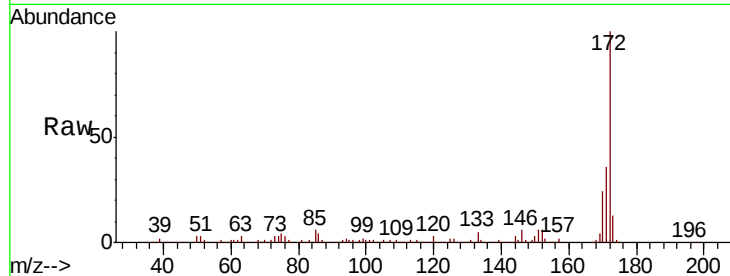
#45
2-Fluorobiphenyl
Concen: 77.346 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	23.8	19.3	28.9

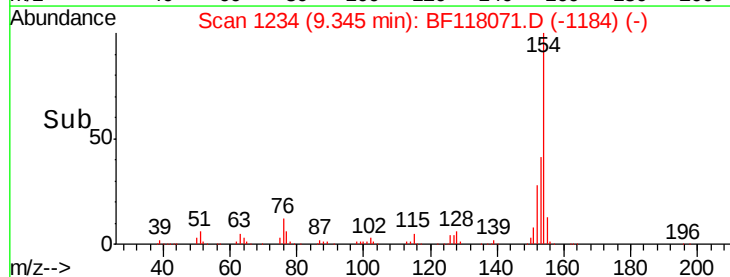
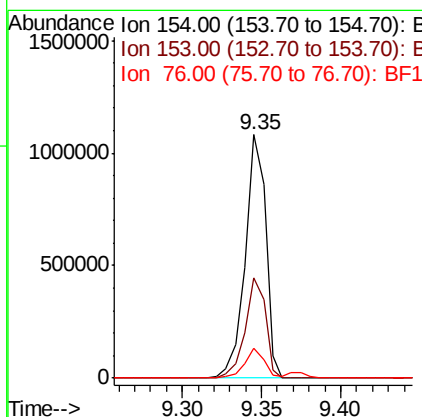
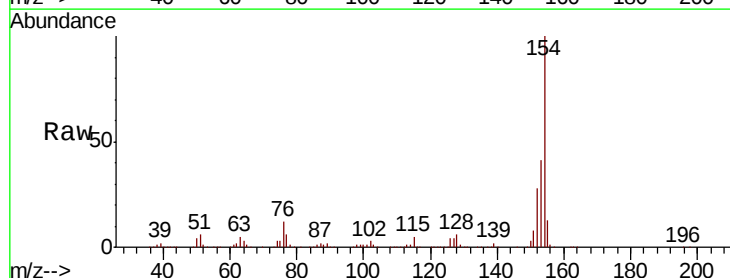
Manual Integrations
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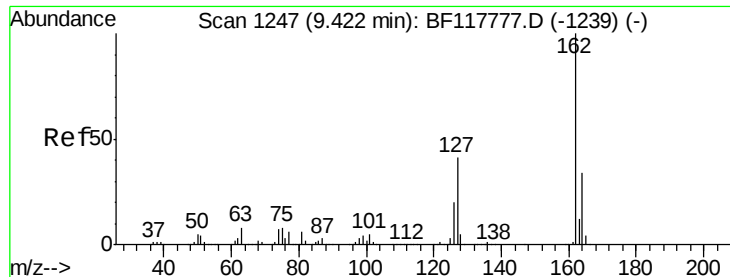
mohammad
12/4/2019 5:01:41 PM



#46
1,1'-Biphenyl
Concen: 44.715 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.1	61.1
76	12.2	0.0	30.8





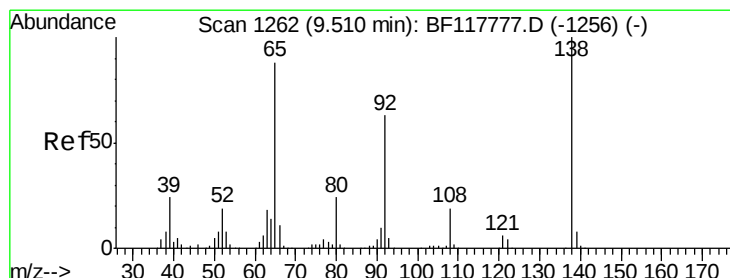
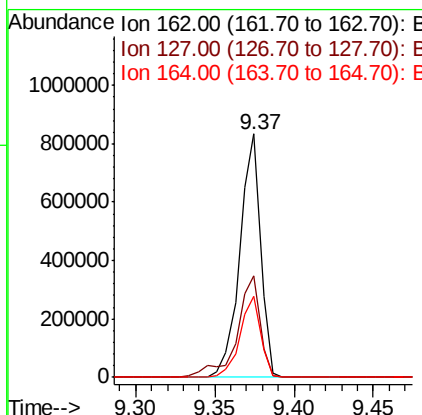
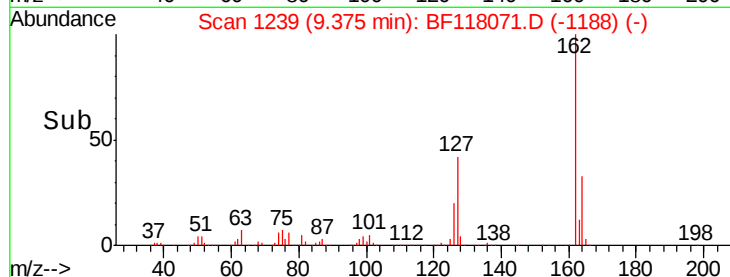
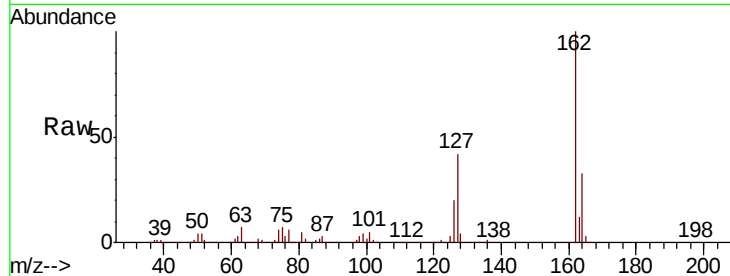
#47
 2-Chloronaphthalene
 Concen: 42.299 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-20-SMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	34.6	52.0
164	33.4	26.0	39.0

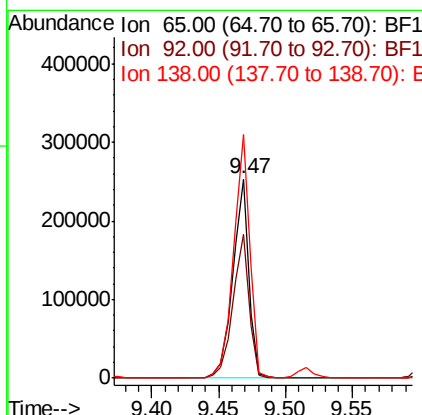
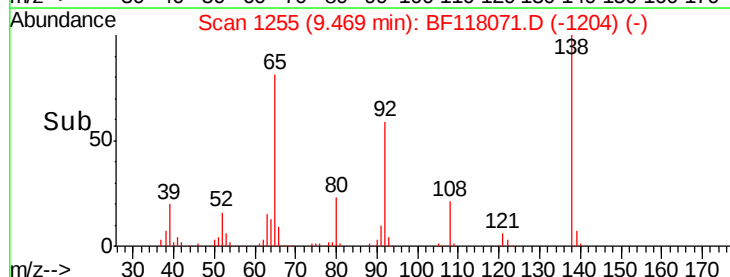
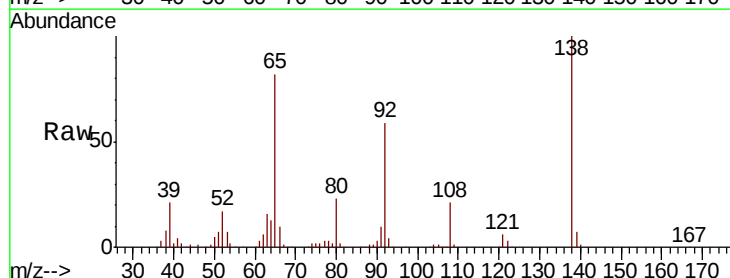
Manual Integrations
 APPROVED

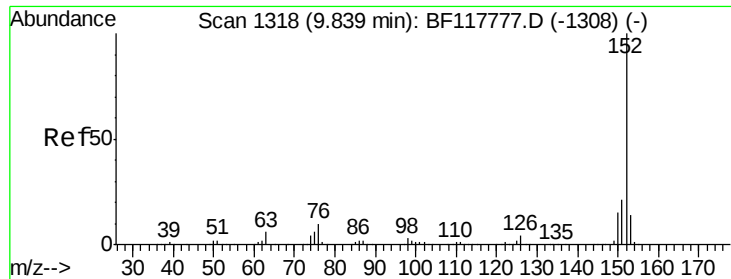
mohammad
 12/4/2019 5:01:41 PM



#48
 2-Nitroaniline
 Concen: 40.039 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	57.9	86.9
138	122.5	96.2	144.2





#49

Acenaphthylene

Concen: 46.275 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

TP-20-SMS

Tot Ion:152 Resp: 1203375

Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

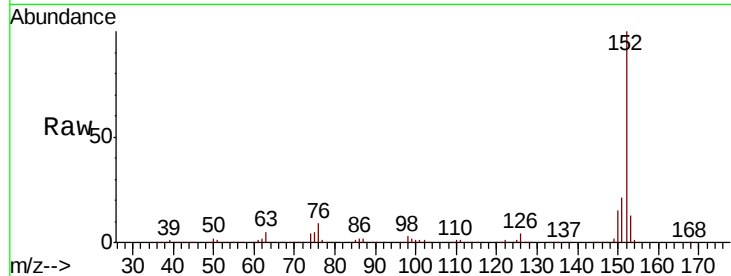
153 13.1 11.1 16.7

Manual Integrations

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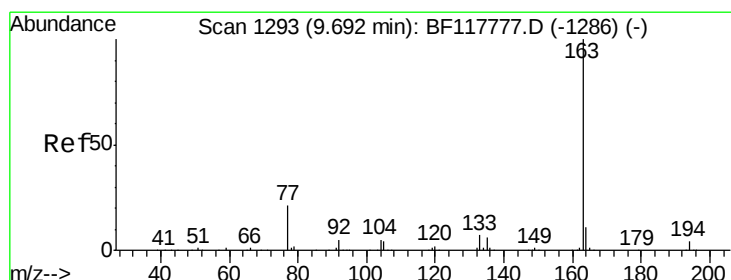
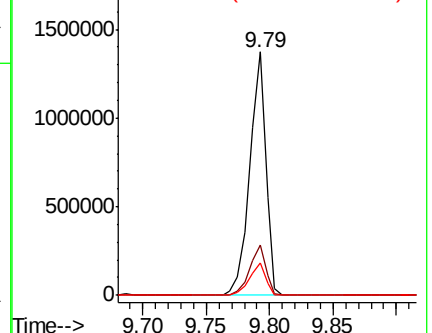
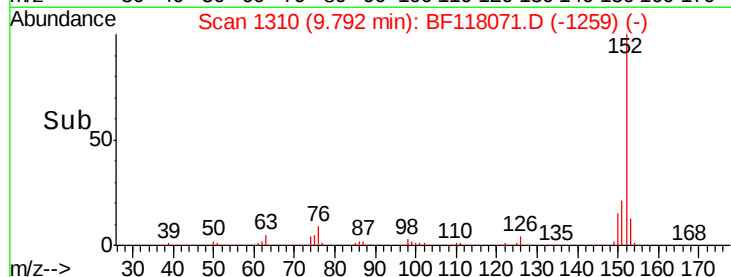
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.781 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

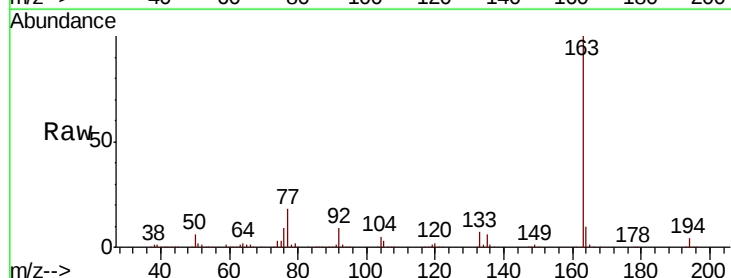
Tgt Ion:163 Resp: 1081659

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

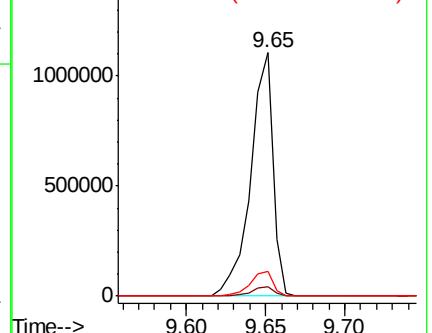
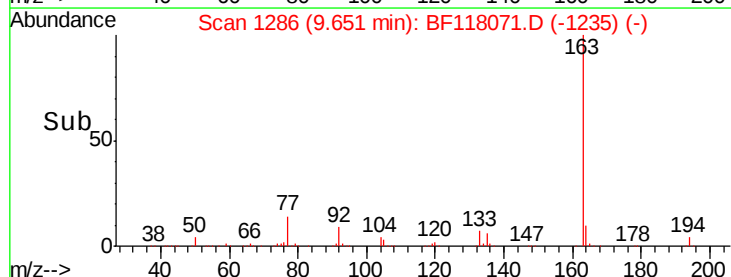
164 10.2 7.9 11.9

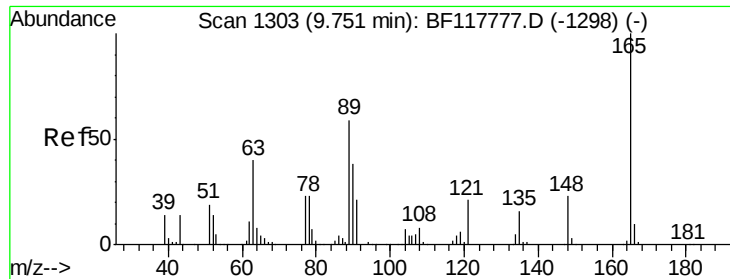


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





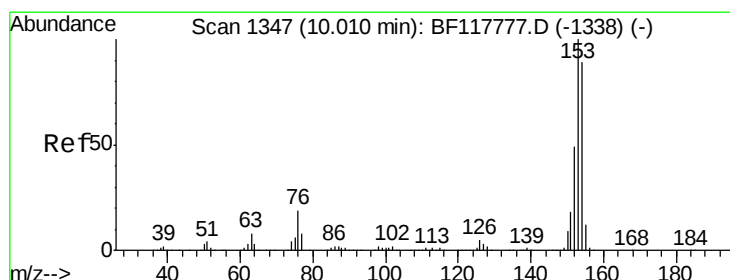
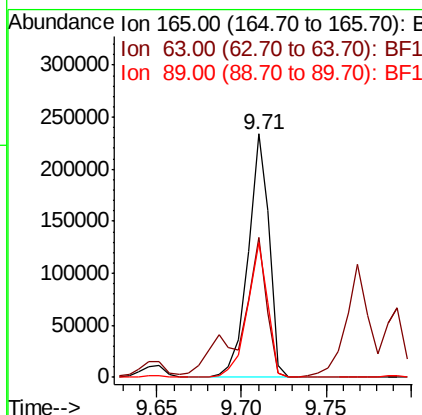
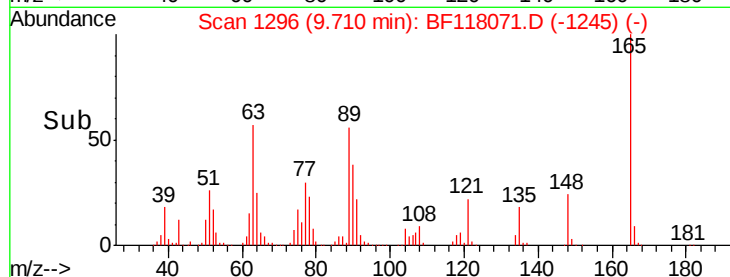
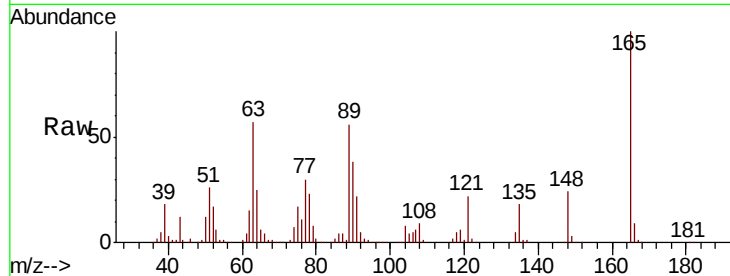
#51
2,6-Dinitrotoluene
Concen: 45.562 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	204069		
63	57.4	43.9	65.9	
89	55.6	45.5	68.3	

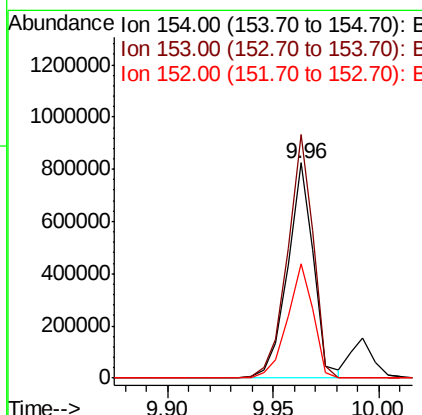
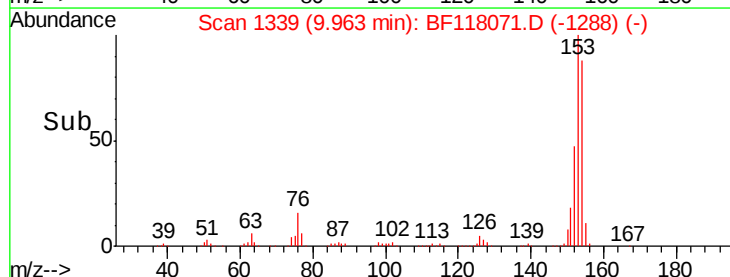
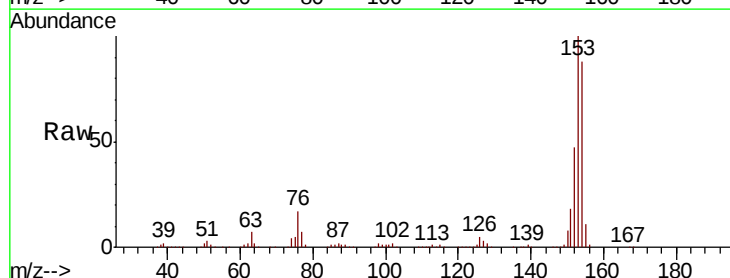
Manual Integrations
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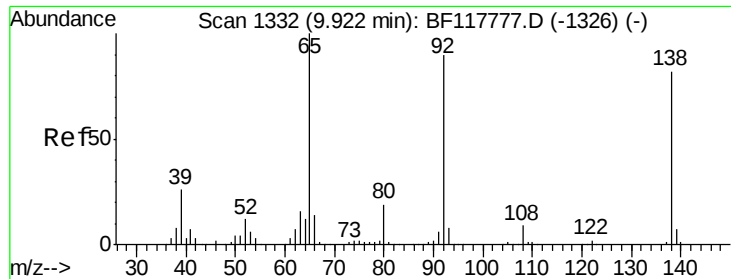
mohammad
12/4/2019 5:01:41 PM



#52
Acenaphthene
Concen: 42.345 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	705414		
153	113.3	91.2	136.8	
152	53.4	43.6	65.4	





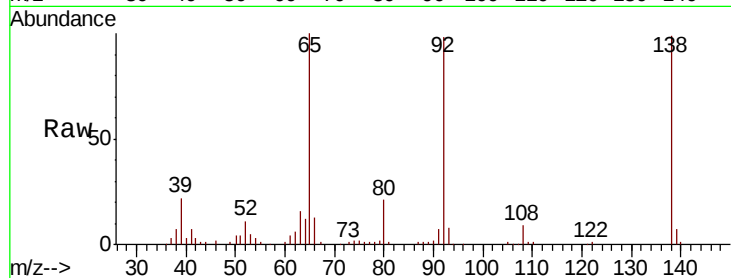
#53
3-Nitroaniline
Concen: 20.004 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	8.7	13.1
92	99.1	87.4	131.0

Manual Integrations
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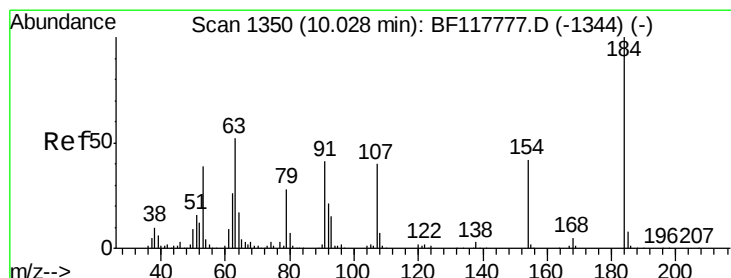
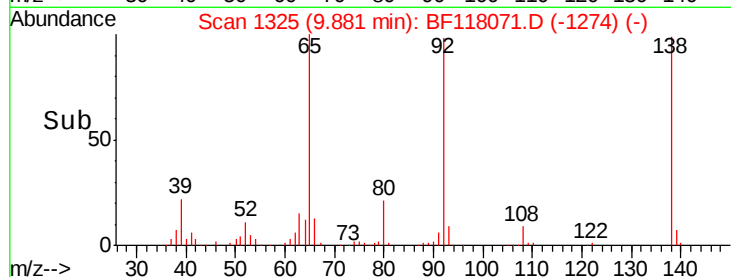
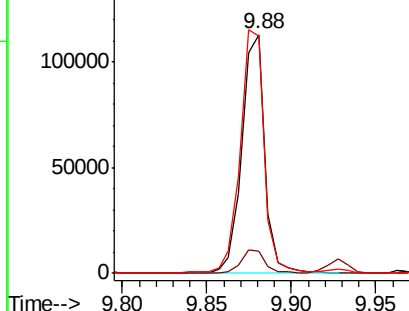


Abundance

Ion 138.00 (137.70 to 138.70): E

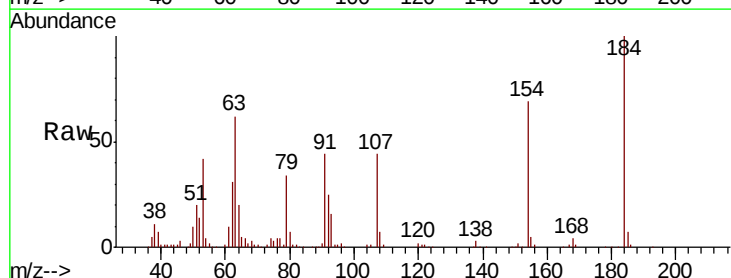
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 81.778 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.8	45.3	67.9
154	68.7	51.6	77.4

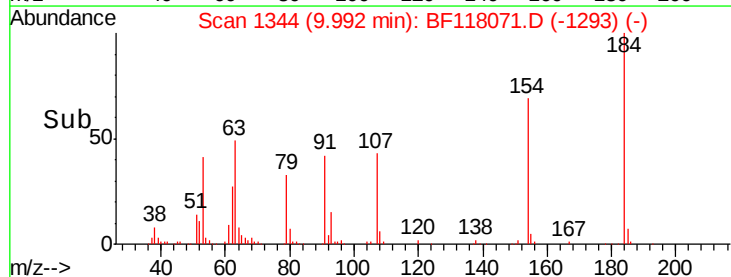
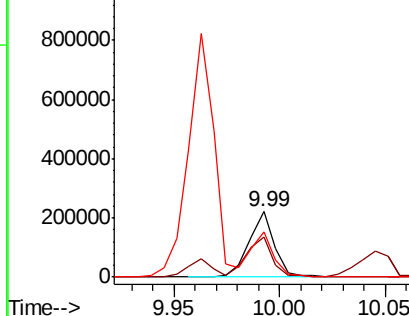


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





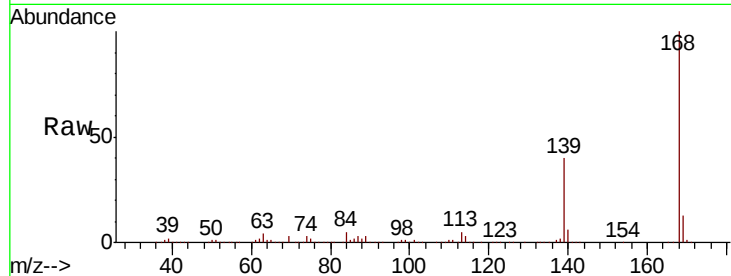
#55
Dibenzofuran
Concen: 45.993 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampled :
TP-20-SMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	32.5	48.7
169	13.2	10.8	16.2

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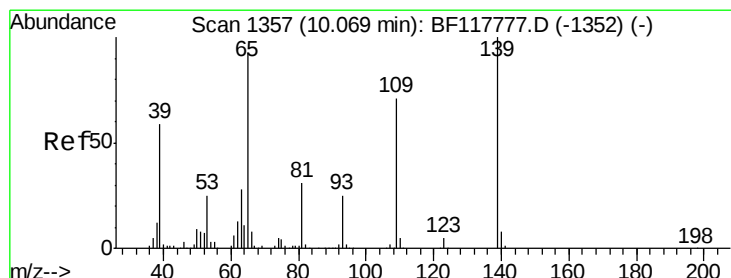
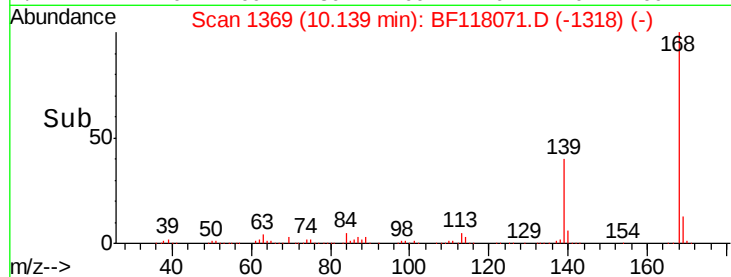
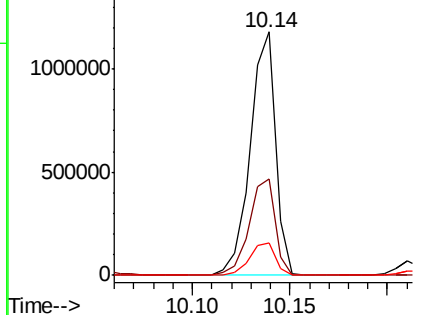


Abundance

Ion 168.00 (167.70 to 168.70): E

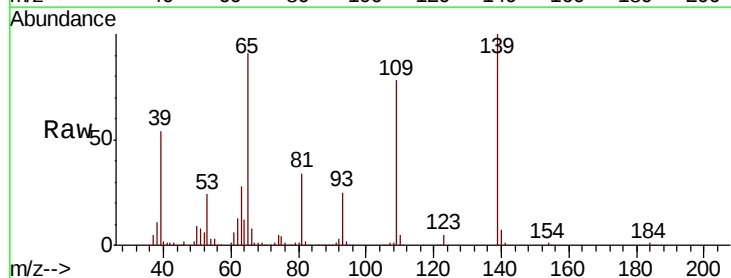
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 87.222 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.7	55.2	95.2
65	91.5	68.7	108.7

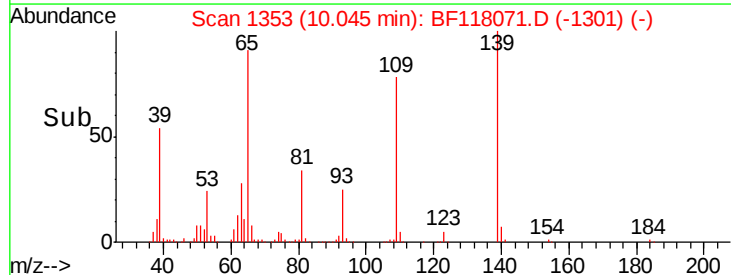
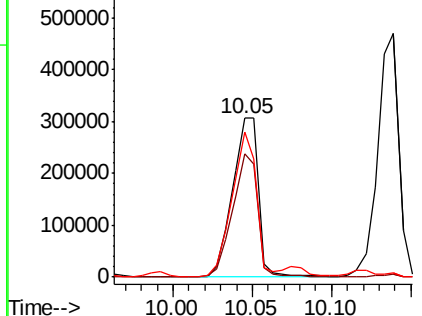


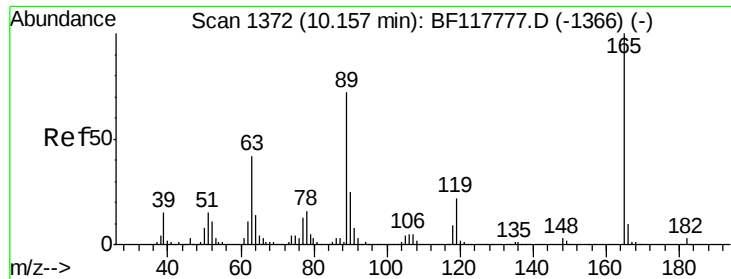
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





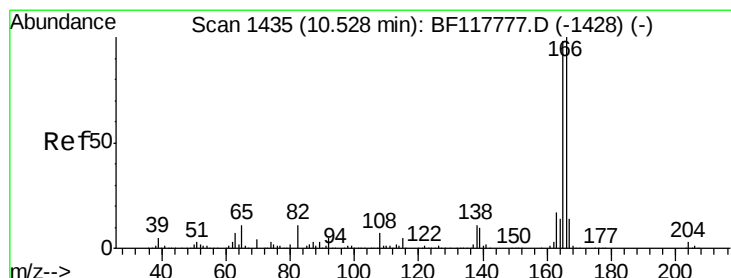
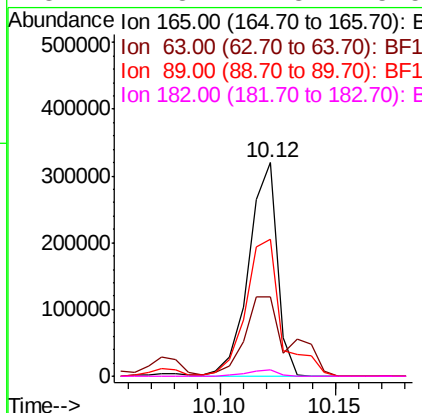
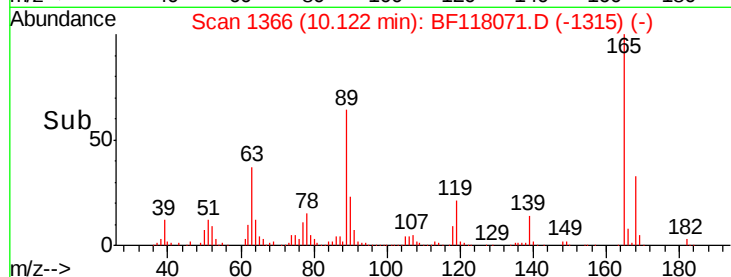
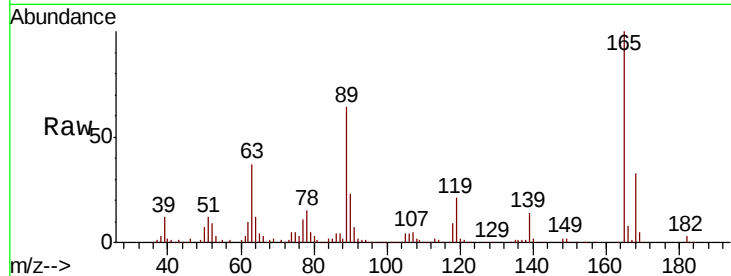
#57
2,4-Dinitrotoluene
Concen: 48.870 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampled :
TP-20-SMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.4	26.5	39.7
89	64.0	47.2	70.8
182	2.8	2.3	3.5

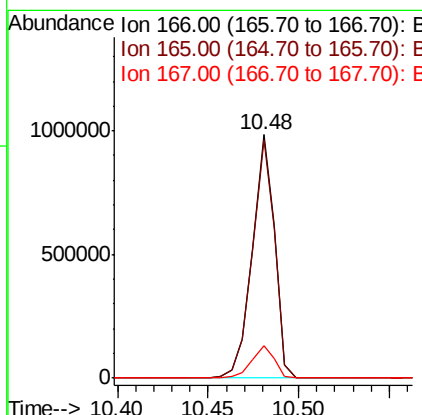
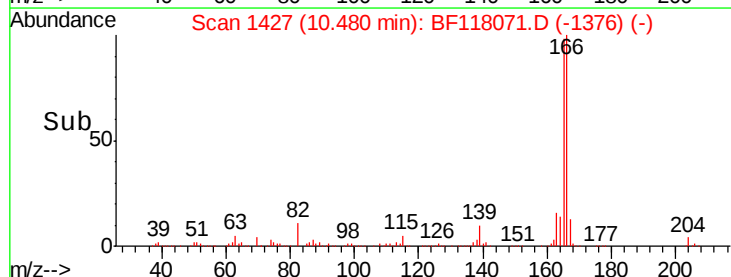
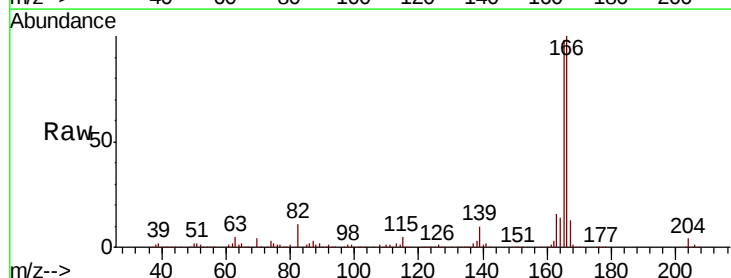
Manual Integrations
APPROVED

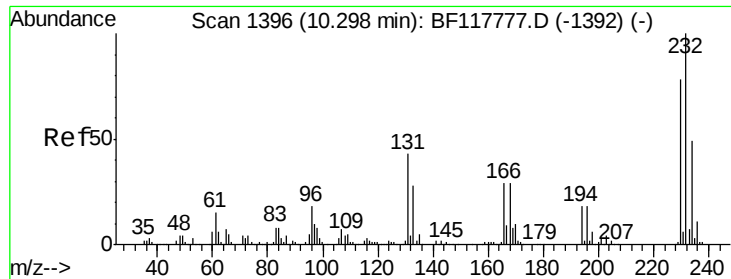
mohammad
12/4/2019 5:01:41 PM



#58
Fluorene
Concen: 47.014 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.4	116.2
167	13.3	10.7	16.1





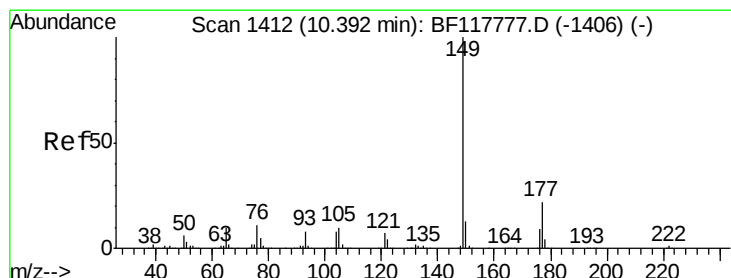
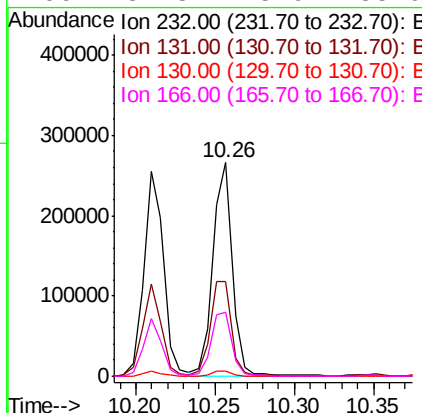
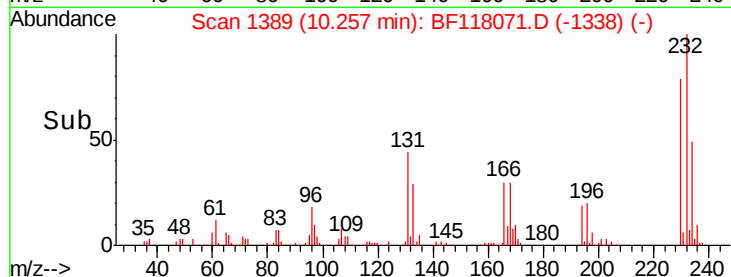
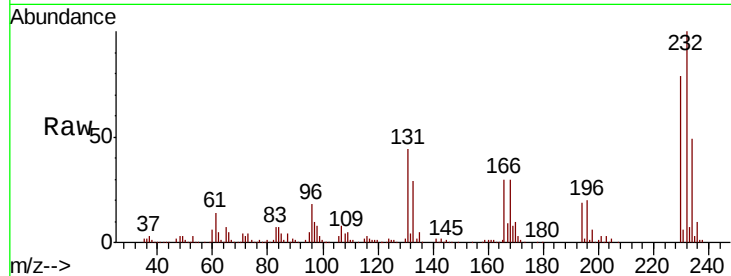
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.746 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		226865		
131	48.6	38.8	58.2		
130	2.5	1.9	2.9		
166	32.8	25.9	38.9		

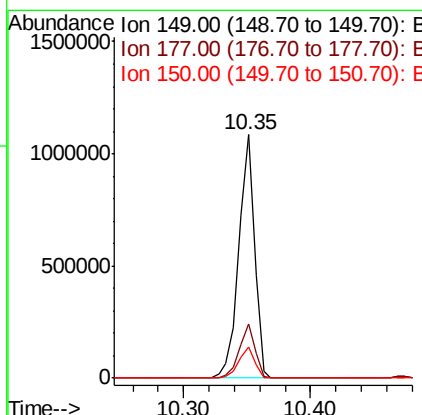
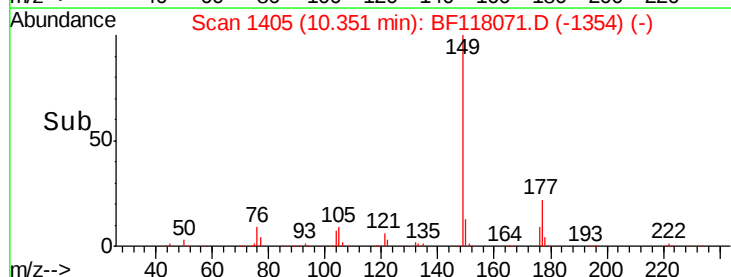
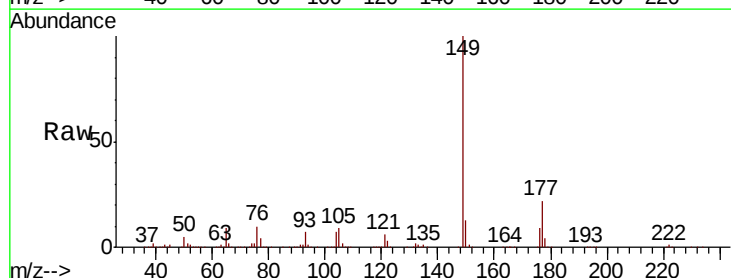
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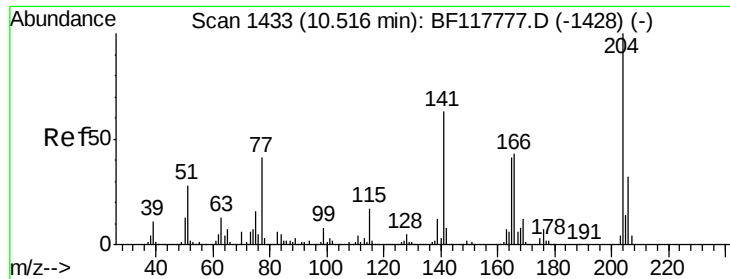
mohammad
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#60
Diethylphthalate
Concen: 46.148 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		922032		
177	22.0	17.6	26.4		
150	12.6	9.8	14.8		





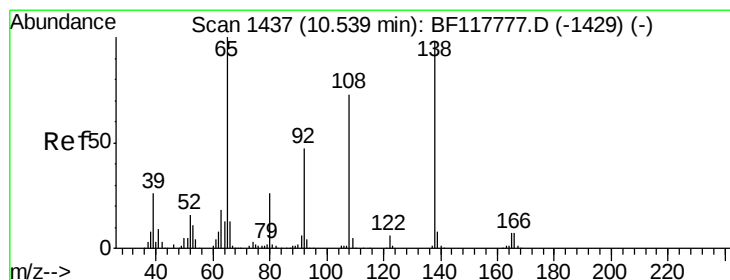
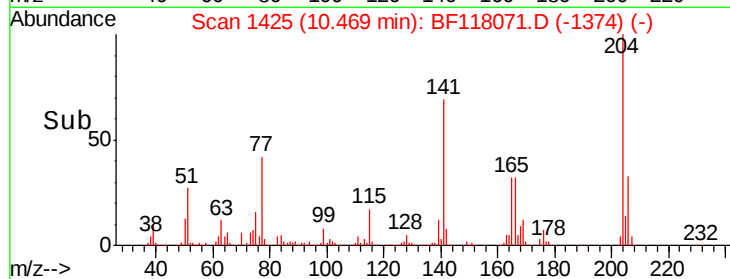
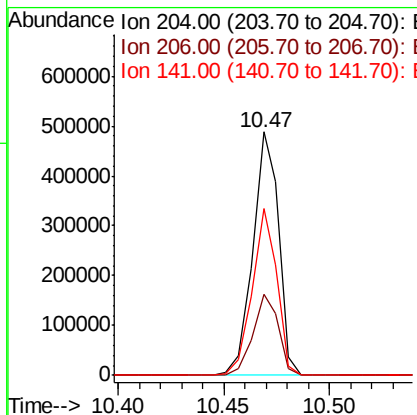
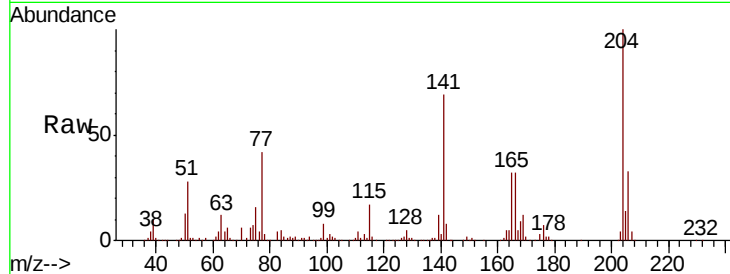
#61
 4-Chlorophenyl-phenylether
 Concen: 45.858 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-20-SMS

Tot Ion:	204	Resp:	416021
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.0	39.0
141	68.5	55.1	82.7

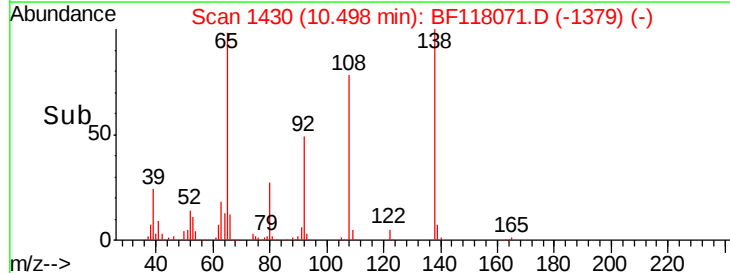
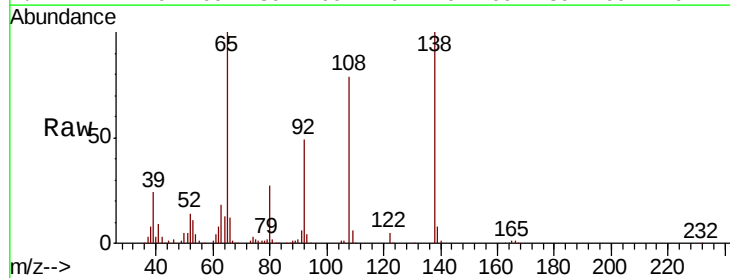
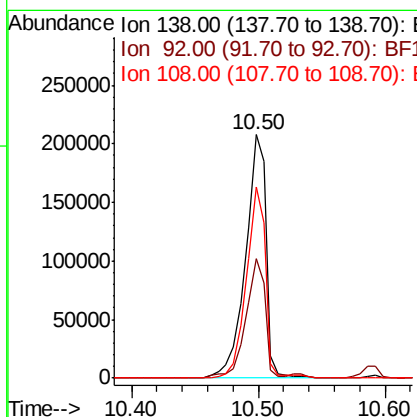
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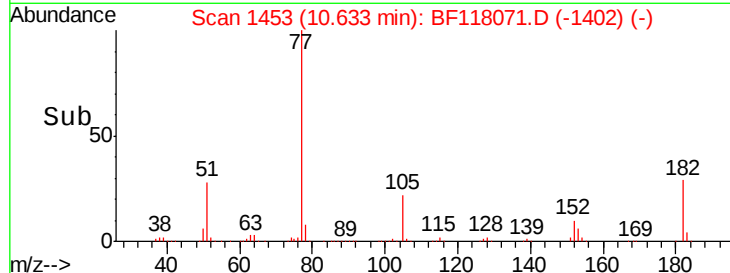
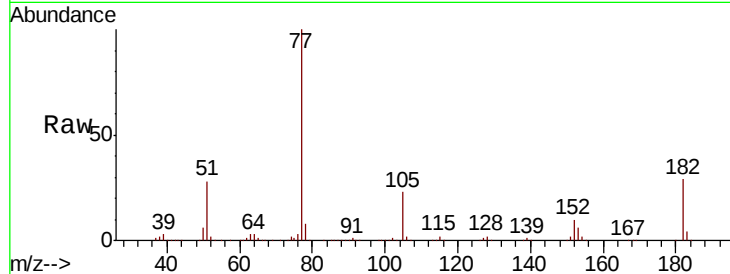
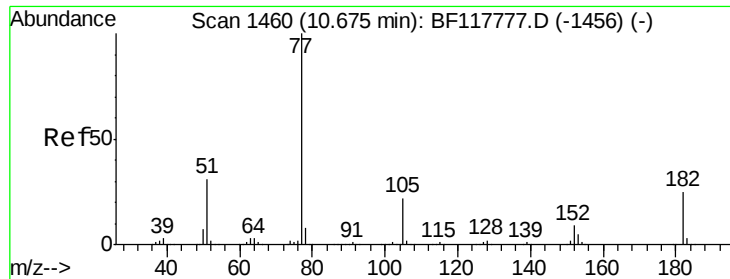
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#62
 4-Nitroaniline
 Concen: 43.557 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Tgt Ion:	138	Resp:	233730
Ion Ratio	Lower	Upper	
138	100		
92	49.0	27.5	67.5
108	78.5	57.9	97.9





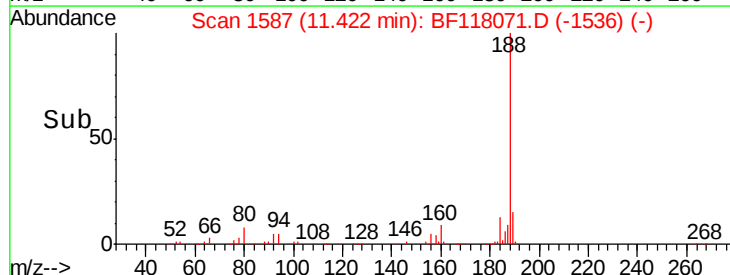
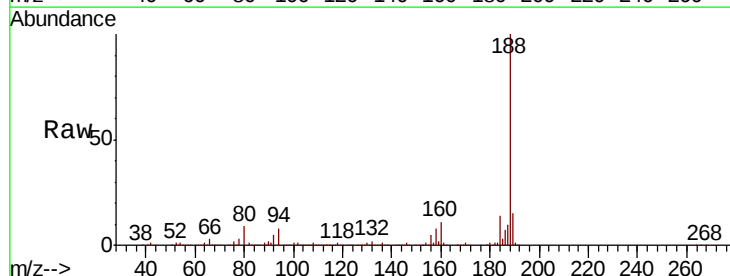
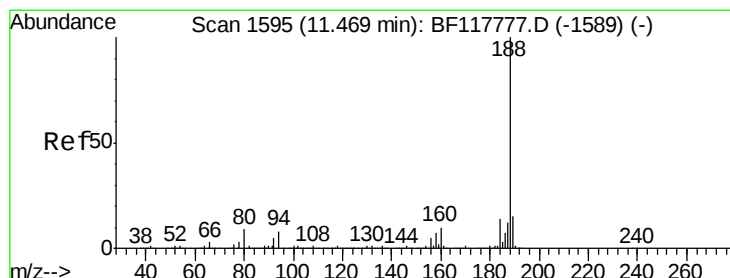
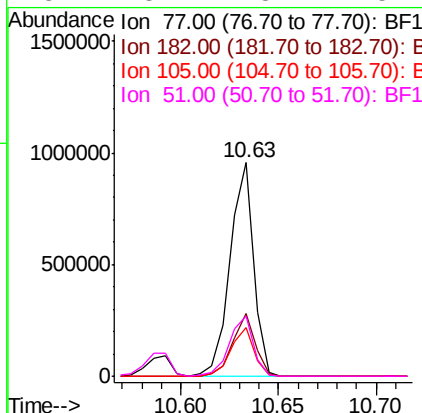
#63
Azobenzene
Concen: 43.993 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.2	8.2	48.2
105	23.0	2.1	42.1
51	28.4	8.7	48.7

Instrument :
BNA_F
ClientSampled :
TP-20-SMS

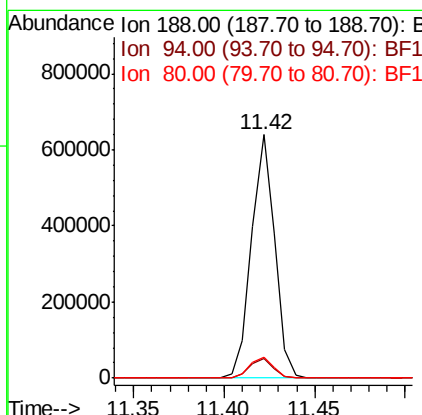
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

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





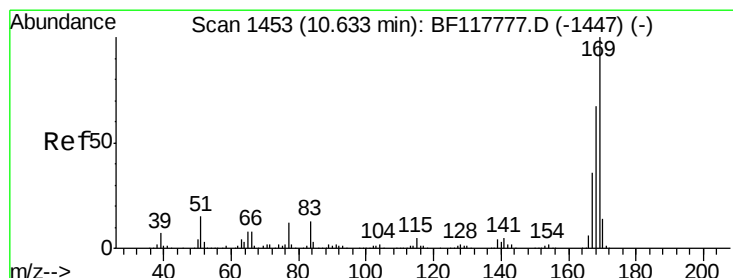
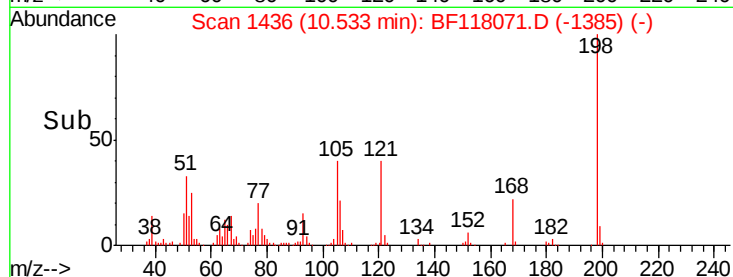
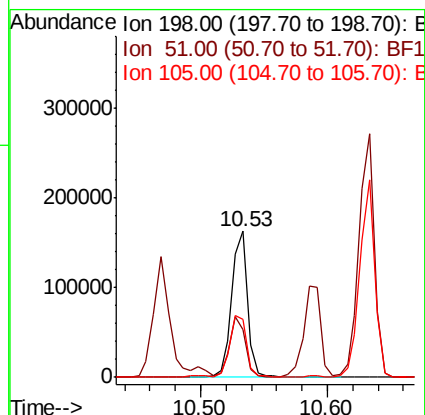
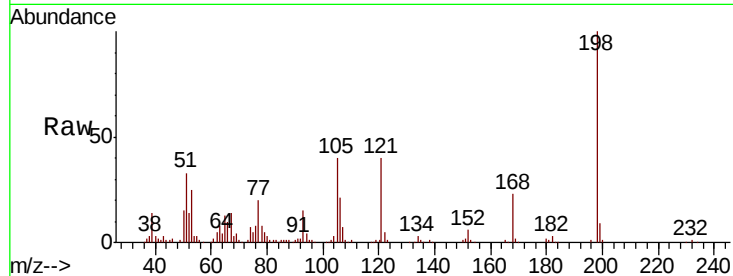
#65
4,6-Dinitro-2-methylphenol
Concen: 53.017 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	141477		
51	32.9	12.6	52.6	
105	39.8	17.0	57.0	

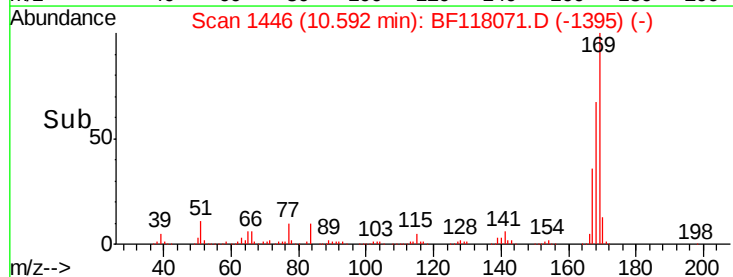
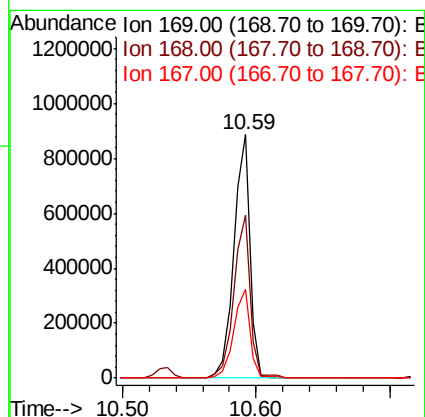
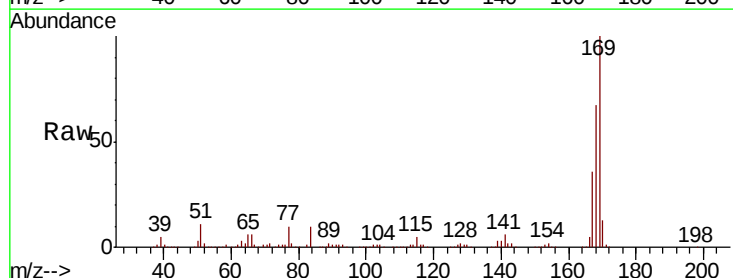
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#66
n-Nitrosodiphenylamine
Concen: 45.684 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	759985		
168	67.1	52.5	78.7	
167	36.3	28.4	42.6	





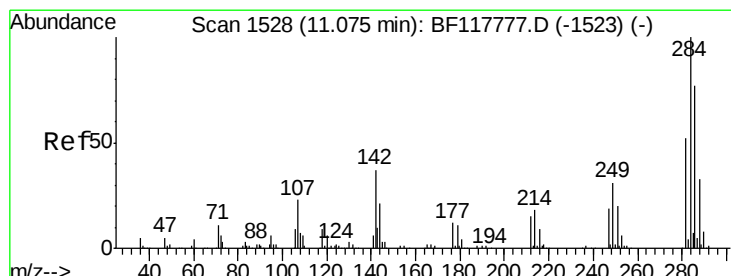
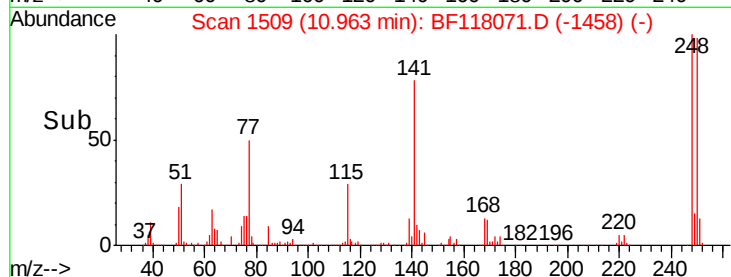
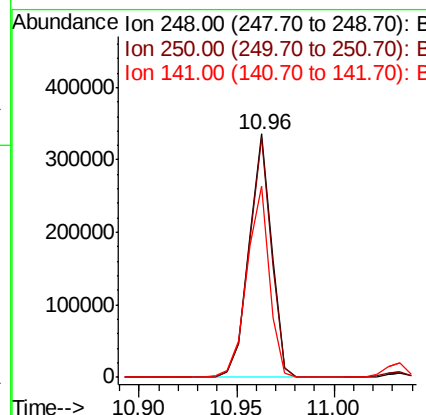
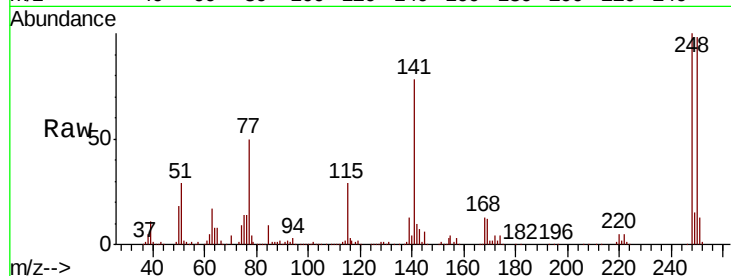
#67
4-Bromophenyl-phenylether
Concen: 43.793 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.0	117.0
141	78.2	64.0	96.0

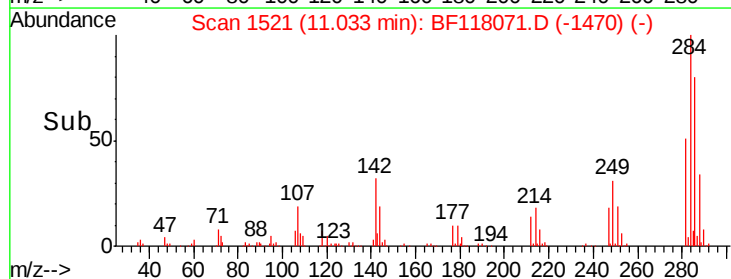
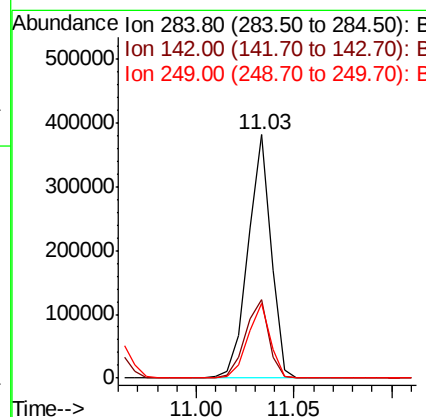
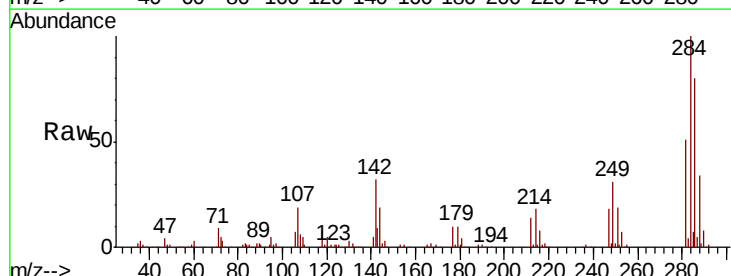
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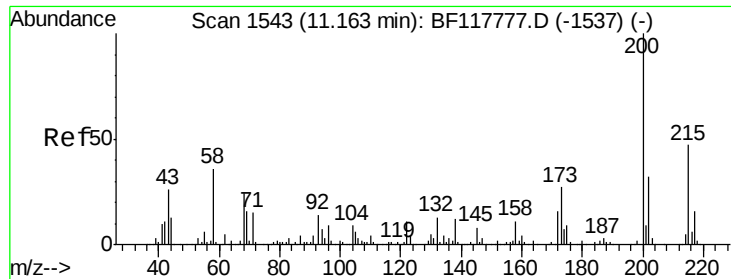
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#68
Hexachlorobenzene
Concen: 43.163 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	27.3	40.9
249	30.8	24.8	37.2





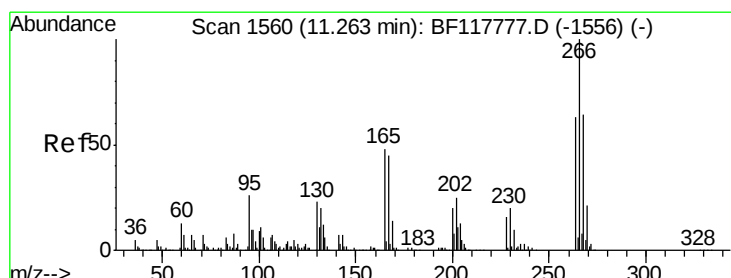
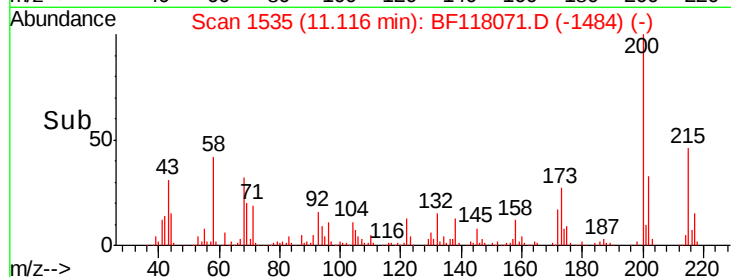
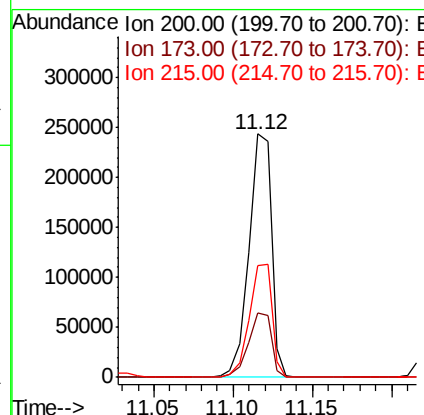
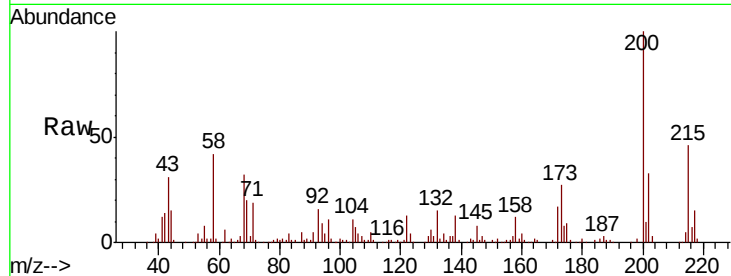
#69
 Atrazine
 Concen: 43.846 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-20-SMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	7.9	47.9
215	45.8	27.0	67.0

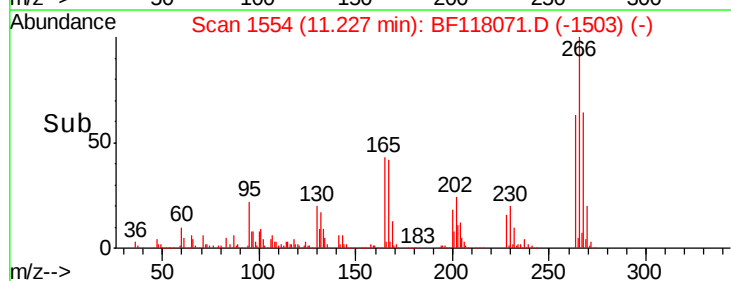
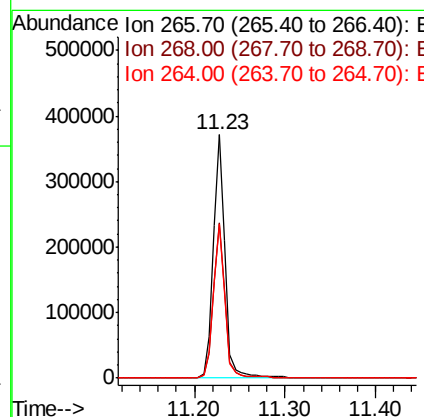
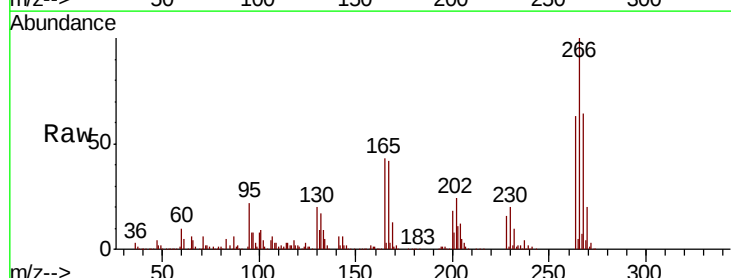
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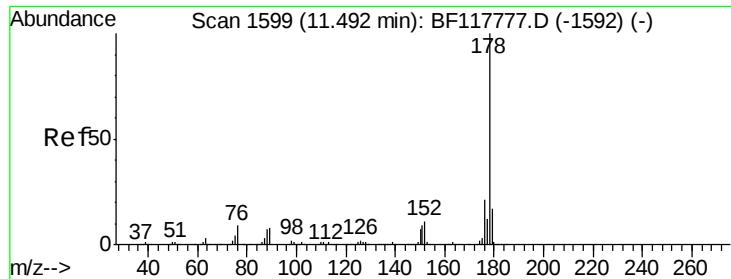
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#70
 Pentachlorophenol
 Concen: 82.266 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.9	50.3	75.5
264	63.1	50.3	75.5





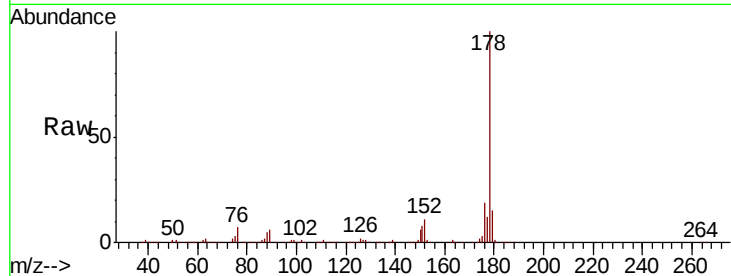
#71
Phenanthrene
Concen: 45.243 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

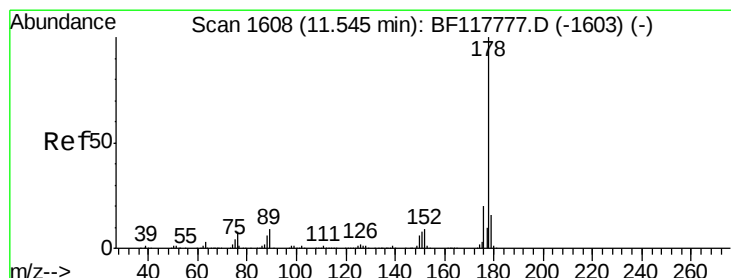
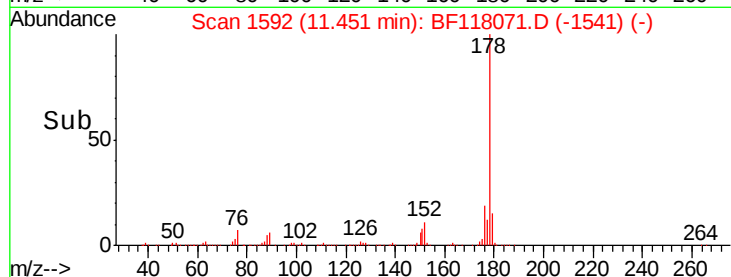
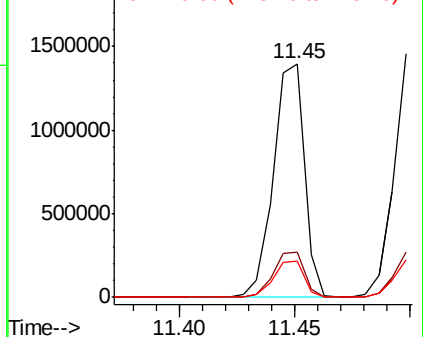
Tot Ion:178 Resp: 1300222
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.3 12.3 18.5

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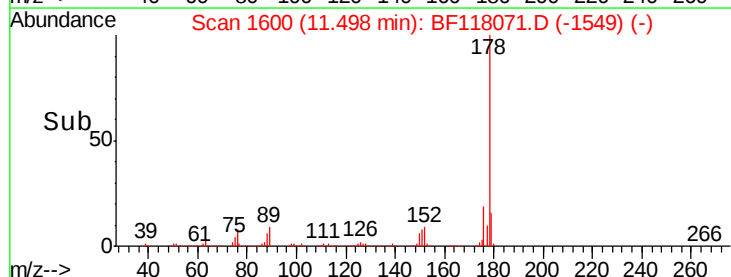
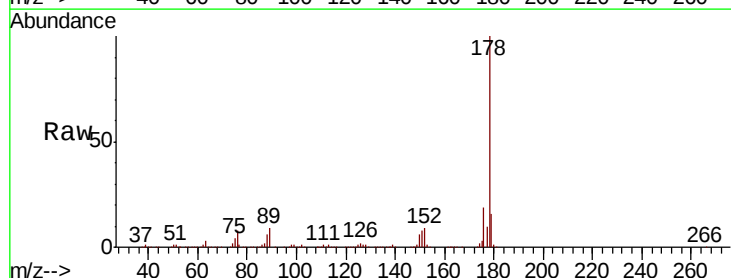
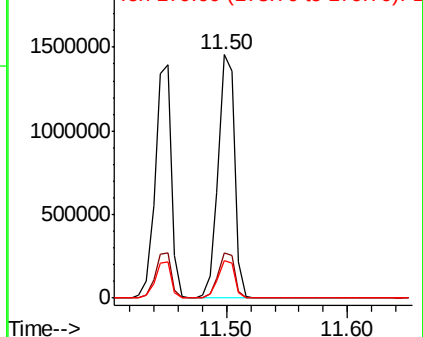
Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 47.607 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion:178 Resp: 1356512
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.6 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





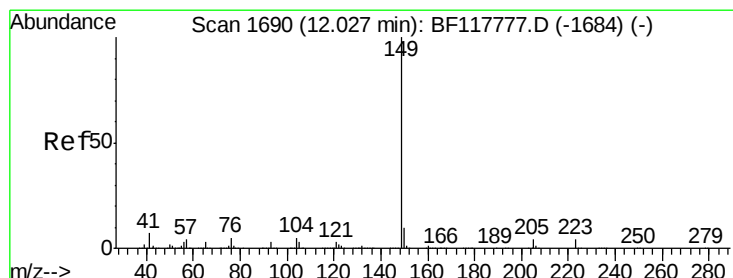
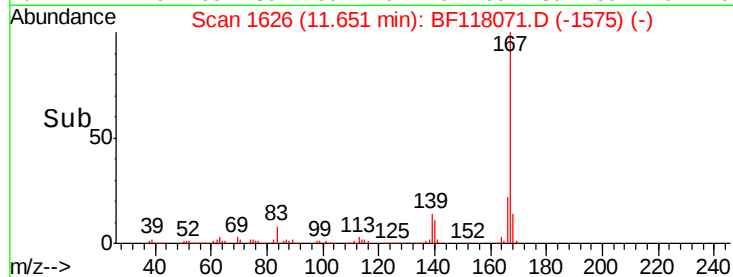
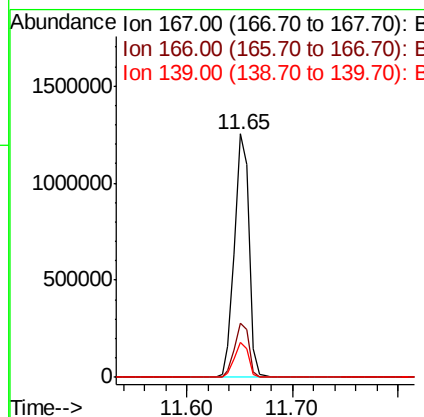
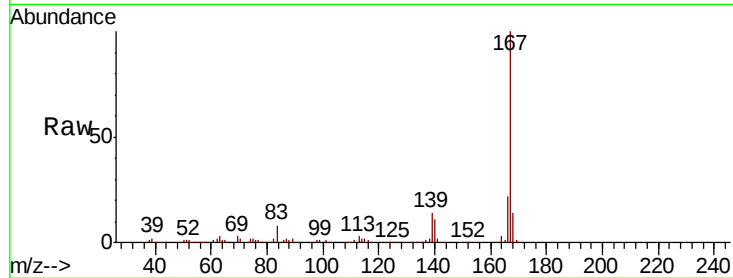
#73
 Carbazole
 Concen: 47.680 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-20-SMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	14.3	11.5	17.3

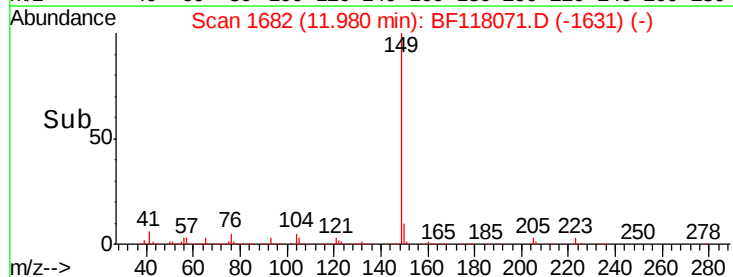
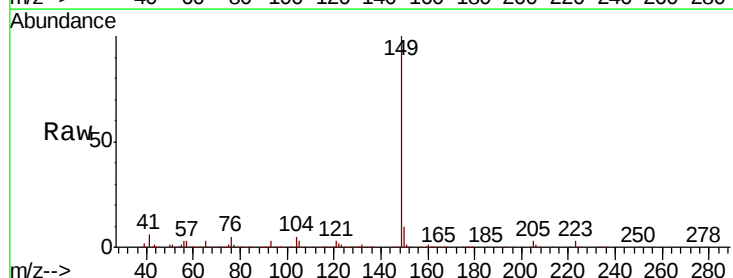
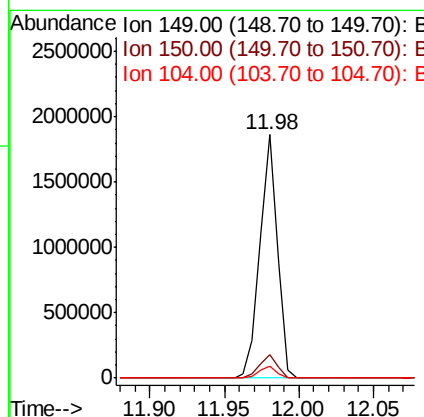
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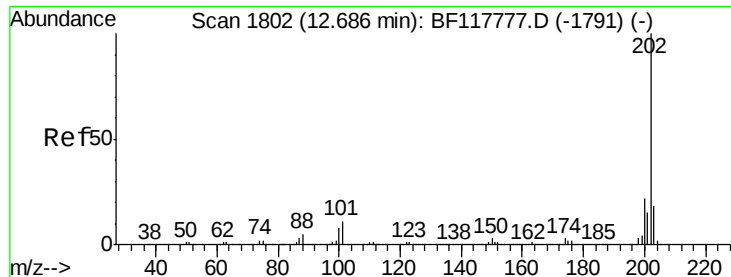
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#74
 Di-n-butylphthalate
 Concen: 48.240 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.5	11.3
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 55.734 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

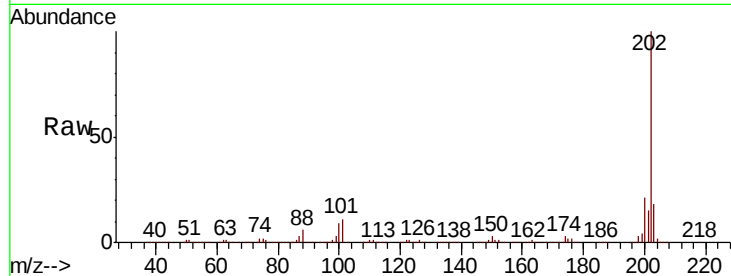
ClientSampleId :

TP-20-SMS

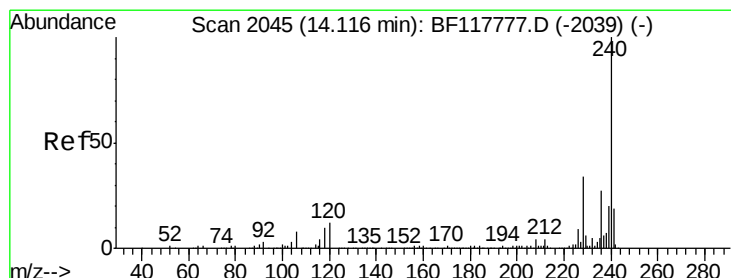
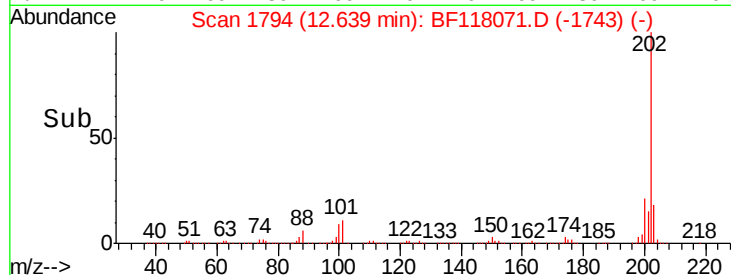
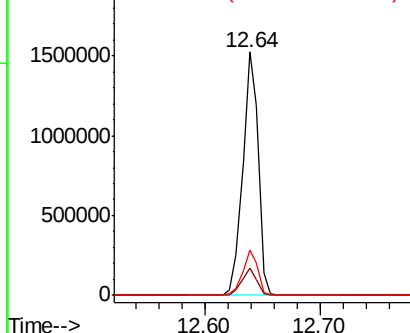
Tot Ion:	202	Resp:	1411624
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.5
203	18.4	0.0	37.6

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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

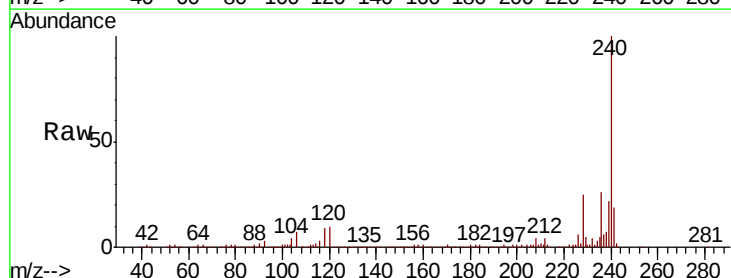
RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

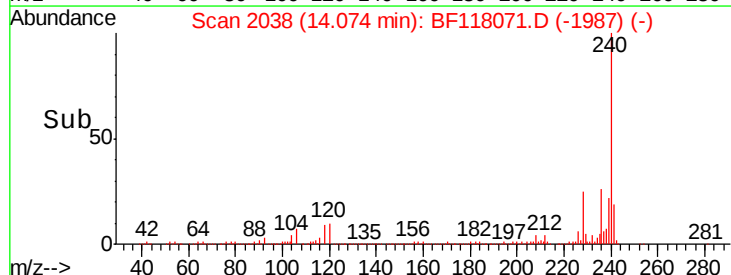
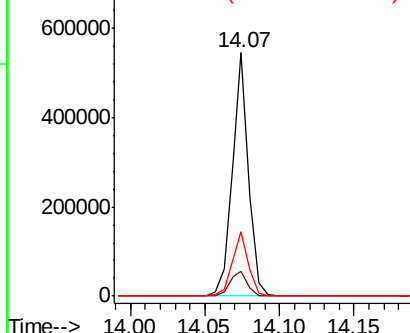
Lab File: BF118071.D

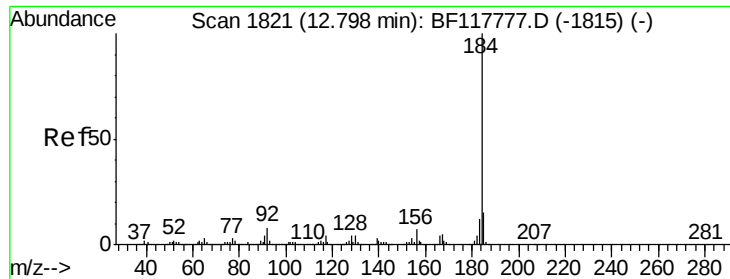
Acq: 3 Dec 2019 19:24

Tgt Ion:	240	Resp:	415706
Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.4	12.6
236	26.4	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





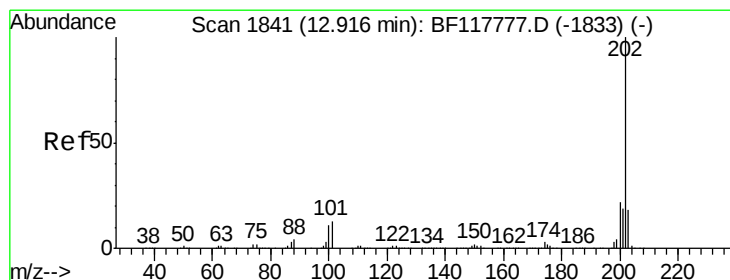
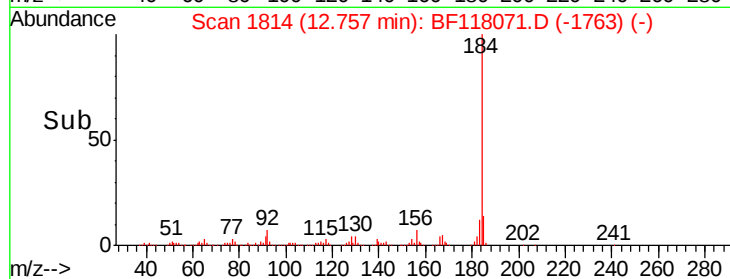
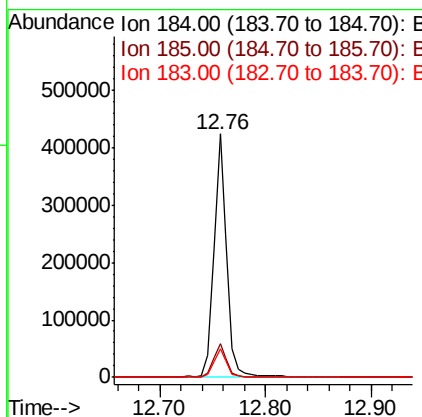
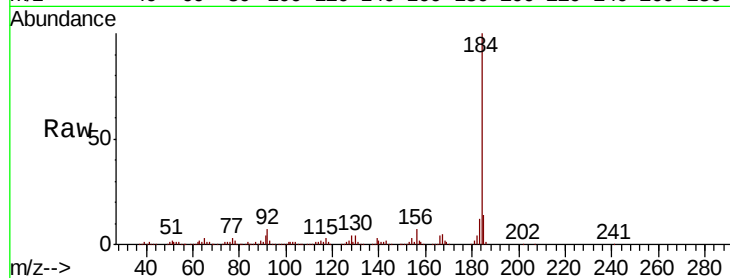
#77
Benzidine
Concen: 26.907 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.6	17.4
183	11.5	9.7	14.5

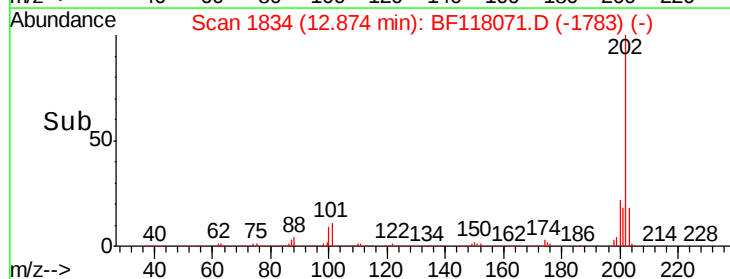
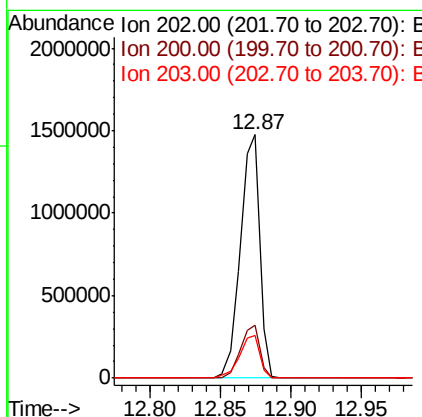
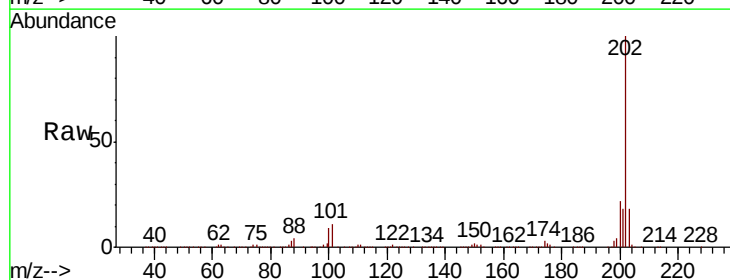
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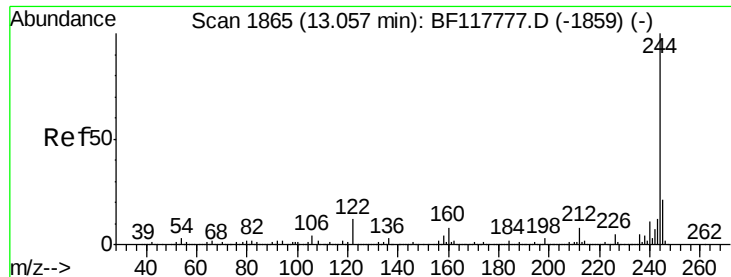
mohammad
12/4/2019 5:01:41 PM



#78
Pyrene
Concen: 41.987 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.6
203	17.7	14.2	21.4





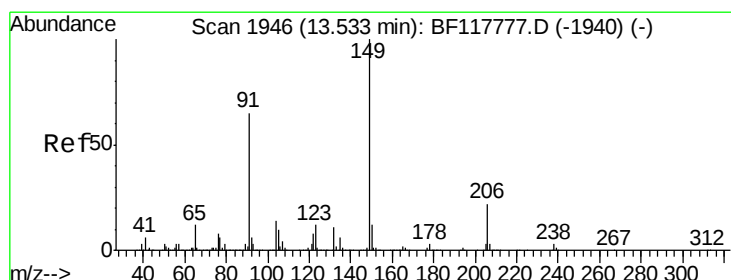
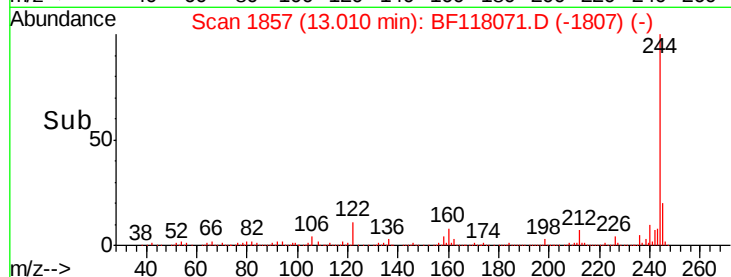
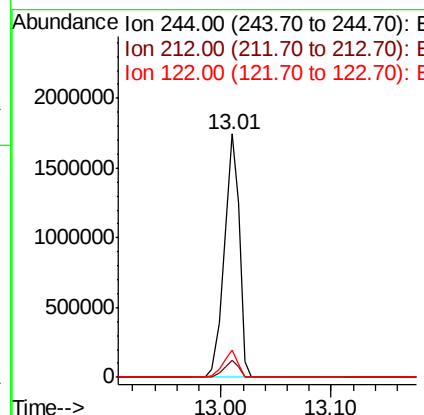
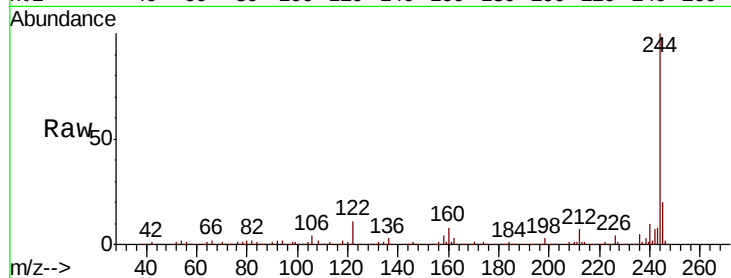
#79
 Terphenyl-d14
 Concen: 72.147 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-20-SMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.2	7.8
122	11.3	7.2	10.8

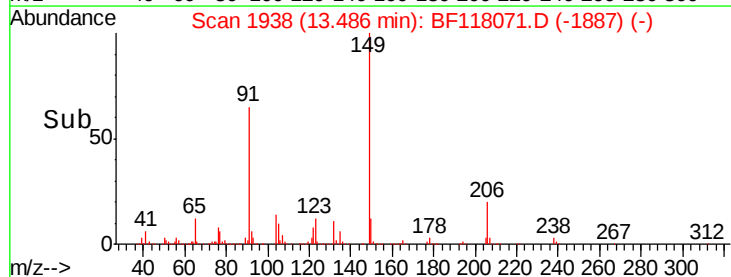
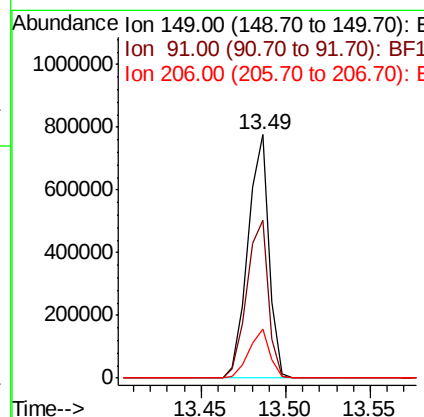
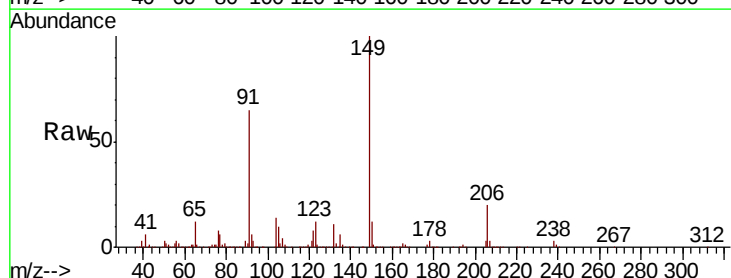
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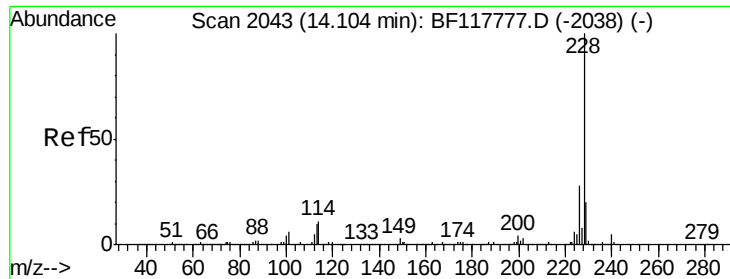
mohammad
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#80
 Butylbenzylphthalate
 Concen: 46.691 ng
 RT: 13.49 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.1	53.1	79.7
206	20.2	15.8	23.6





#81

Benzo(a)anthracene

Concen: 44.232 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

TP-20-SMS

Tot Ion:228 Resp: 1215073

Ion Ratio Lower Upper

228 100

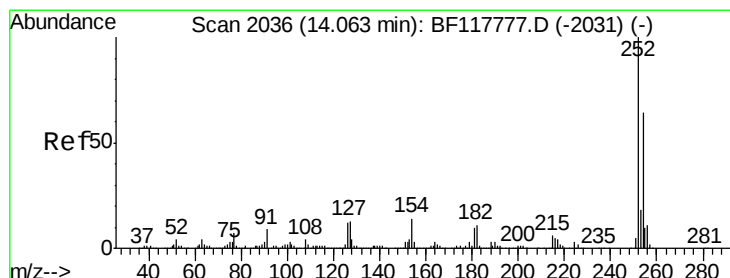
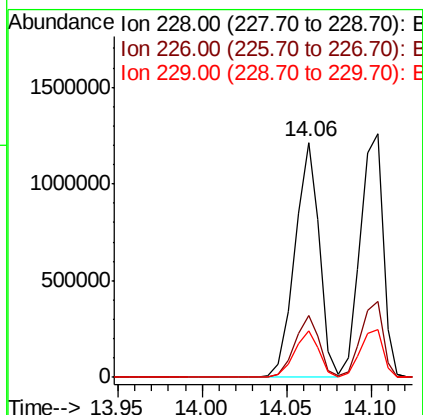
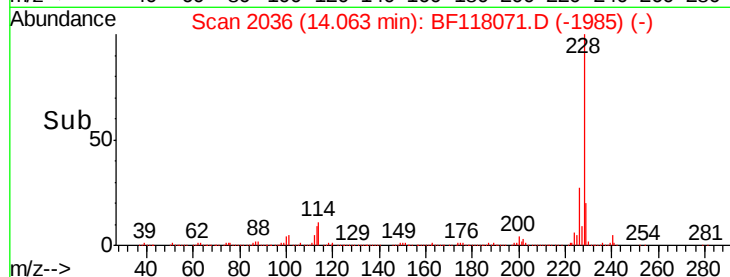
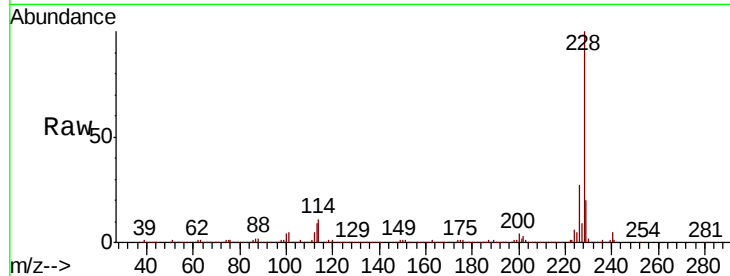
226 26.5 21.9 32.9

229 19.9 16.2 24.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 24.501 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF118071.D

Acq: 3 Dec 2019 19:24

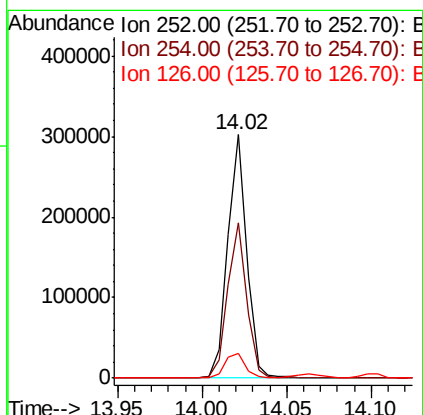
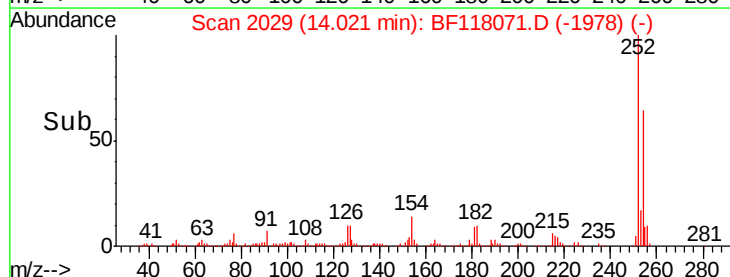
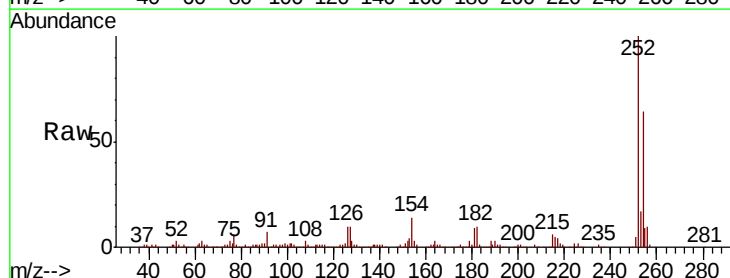
Tgt Ion:252 Resp: 235429

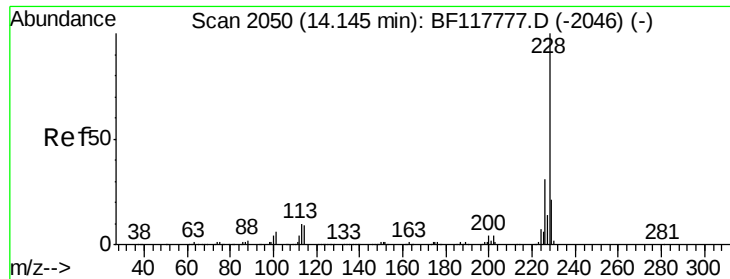
Ion Ratio Lower Upper

252 100

254 63.9 52.2 78.2

126 10.3 9.3 13.9





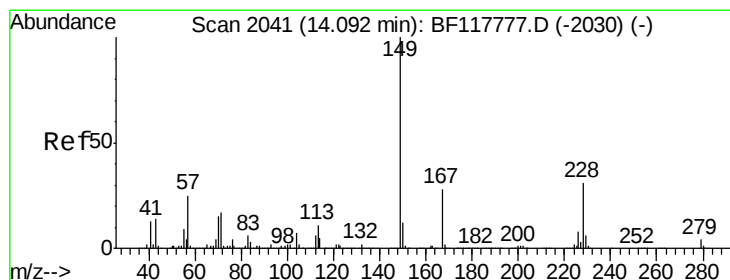
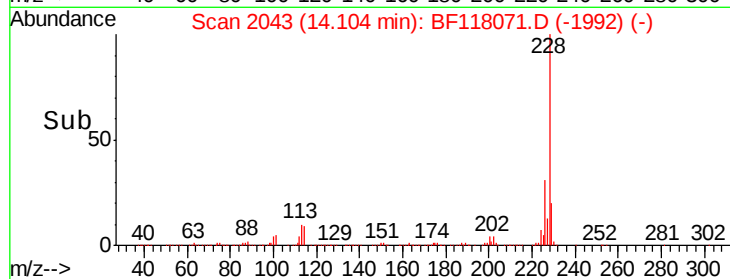
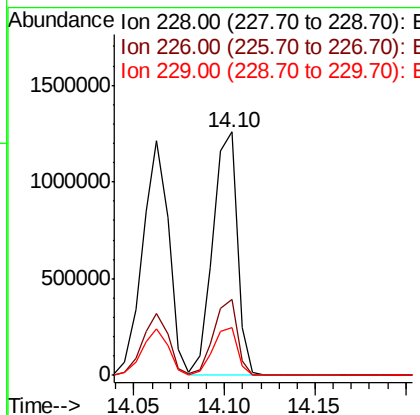
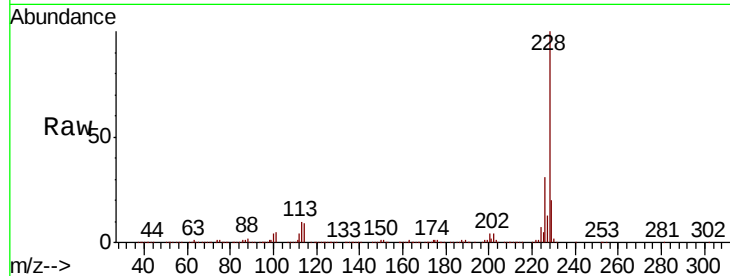
#83
 Chrysene
 Concen: 44.326 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-20-SMS

Tot Ion:228 Resp: 1179910
 Ion Ratio Lower Upper
 228 100
 226 31.2 23.6 35.4
 229 19.7 16.2 24.2

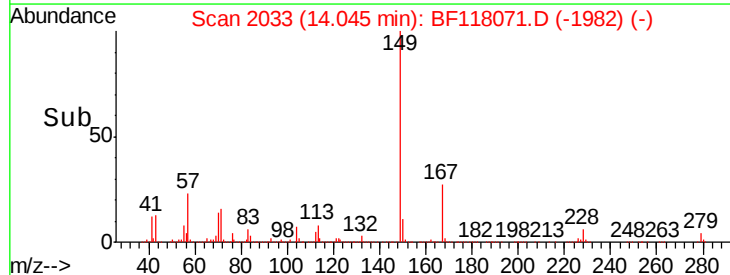
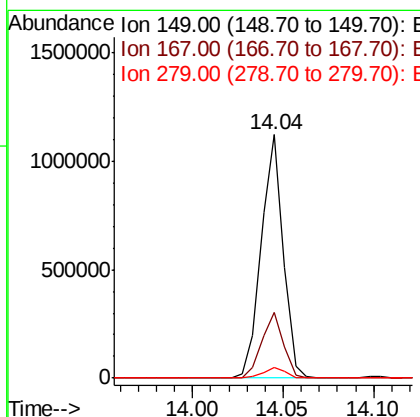
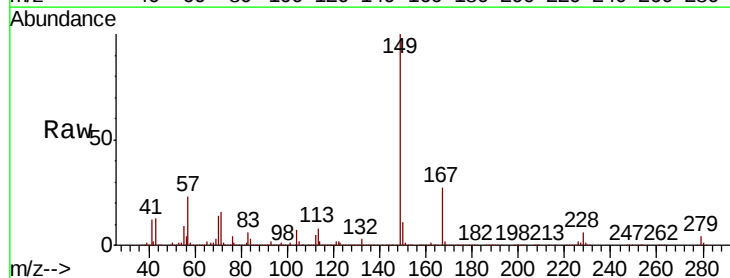
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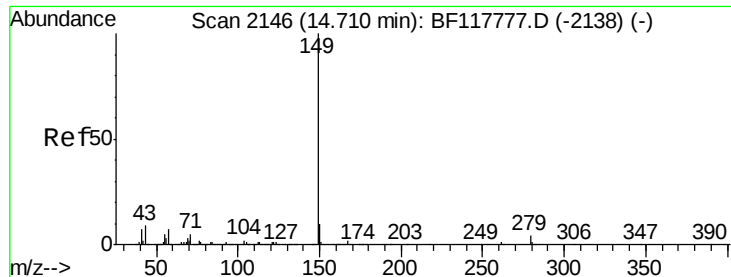
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.242 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF118071.D
 Acq: 3 Dec 2019 19:24

Tgt Ion:149 Resp: 948887
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.8 32.8
 279 4.5 3.4 5.0





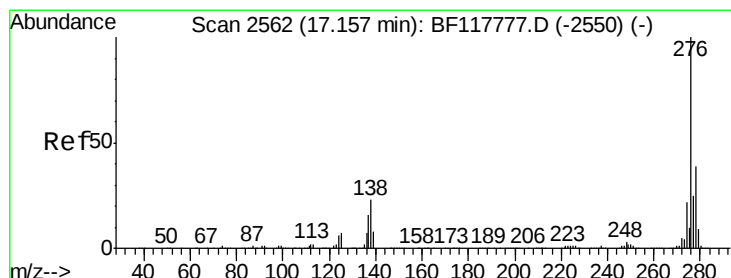
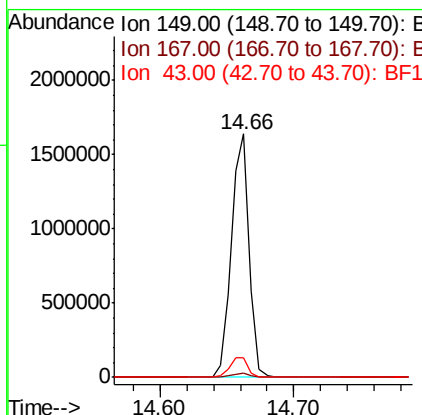
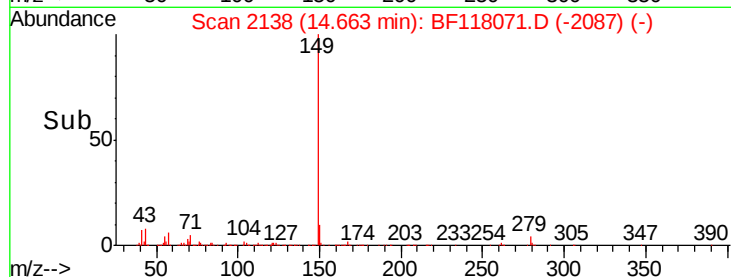
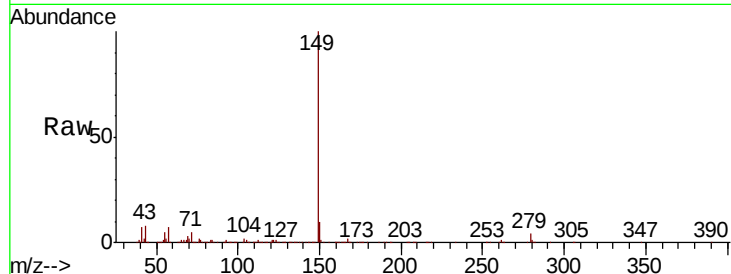
#85
Di-n-octyl phthalate
Concen: 59.462 ng
RT: 14.66 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	8.3	6.4	9.6	

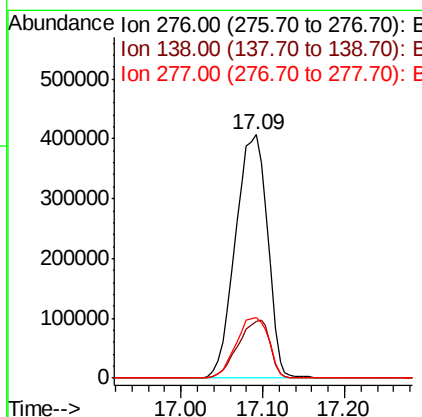
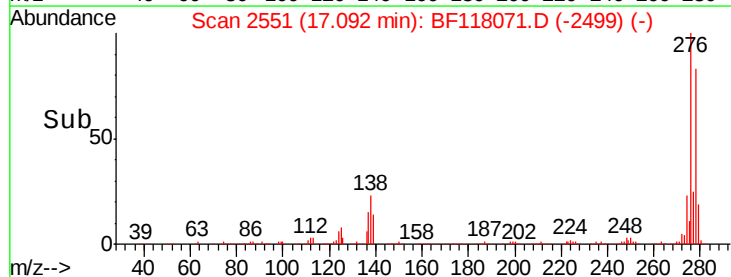
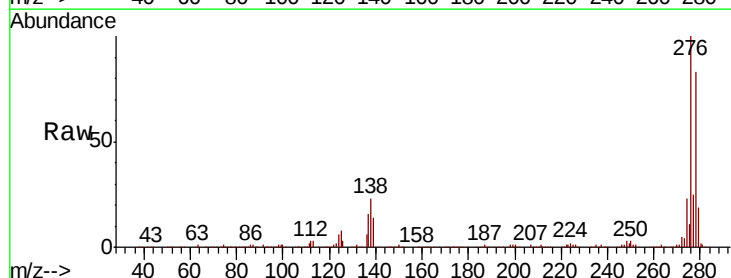
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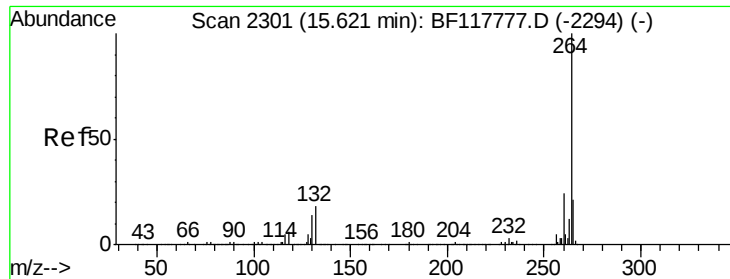
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 49.208 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
138	23.7	19.0	28.6	
277	25.6	20.7	31.1	





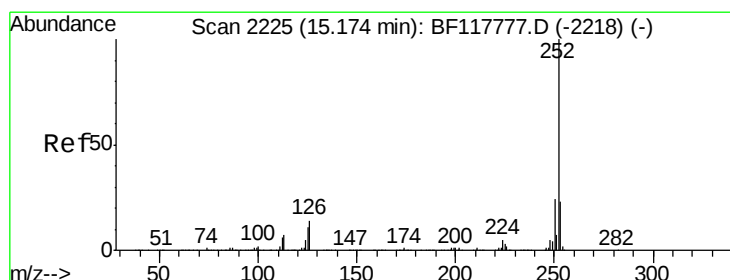
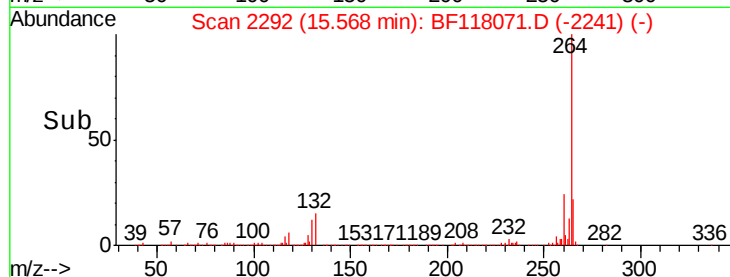
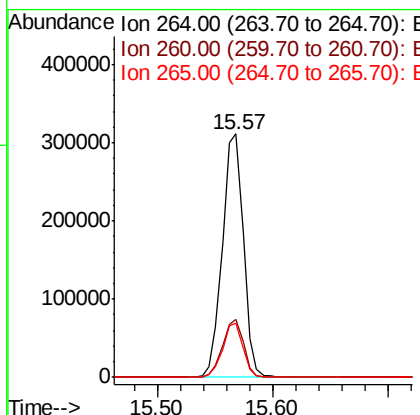
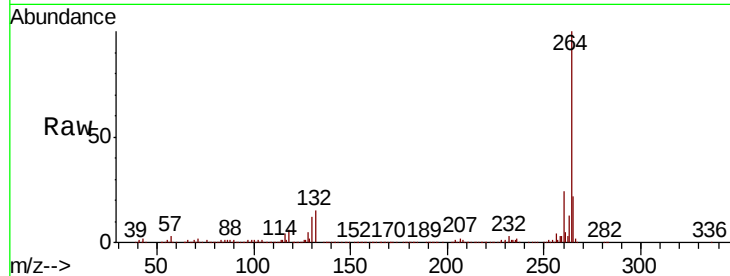
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	22.0	16.4	24.6

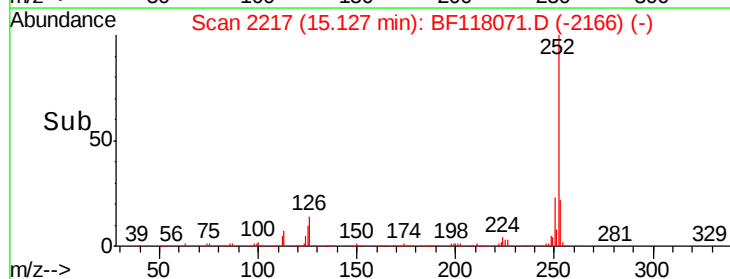
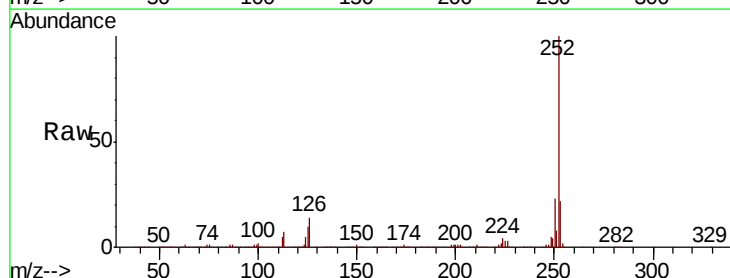
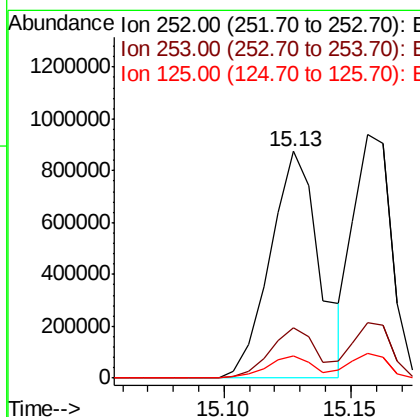
Manual Integrations
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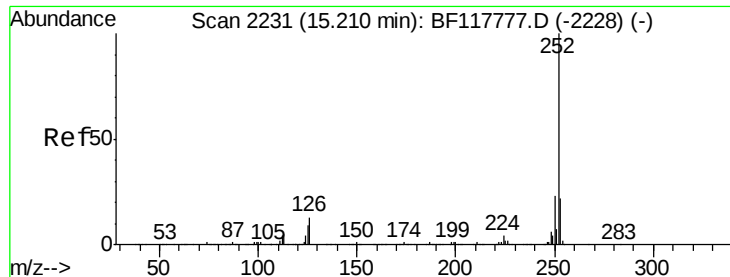
mohammad
12/4/2019 5:01:41 PM



#88
Benzo(b)fluoranthene
Concen: 46.223 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.0	7.7	11.5





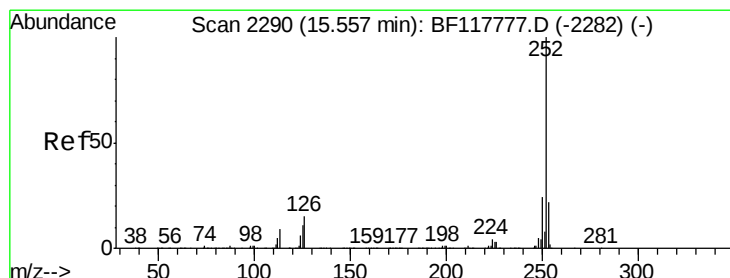
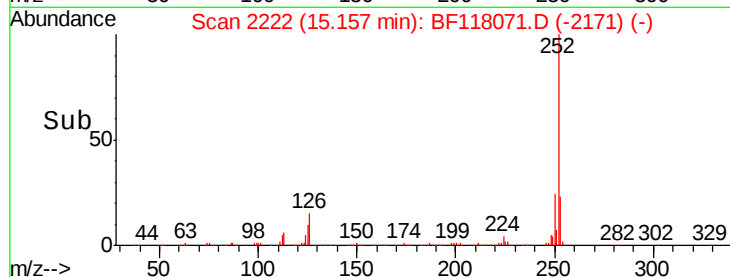
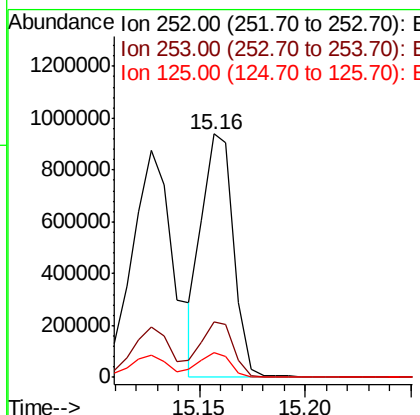
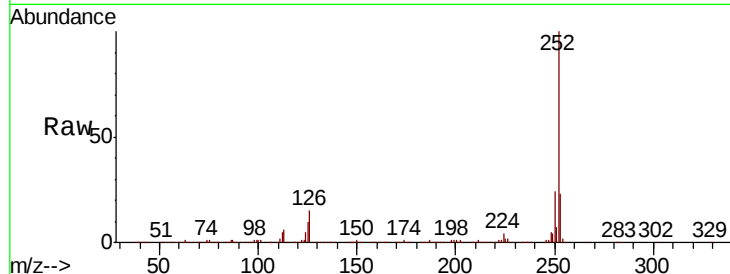
#89
Benzo(k)fluoranthene
Concen: 40.599 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	10.2	8.5	12.7

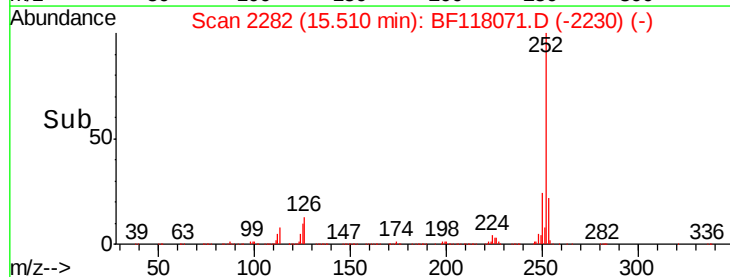
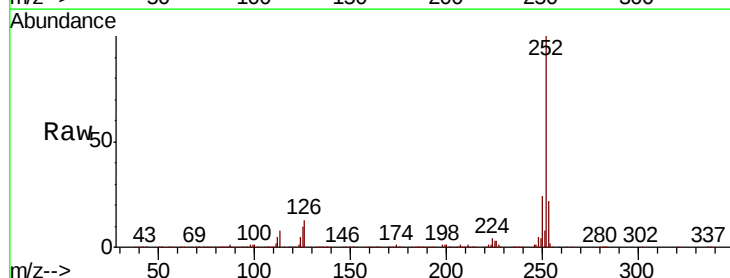
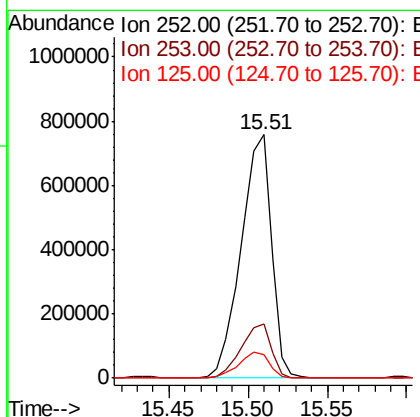
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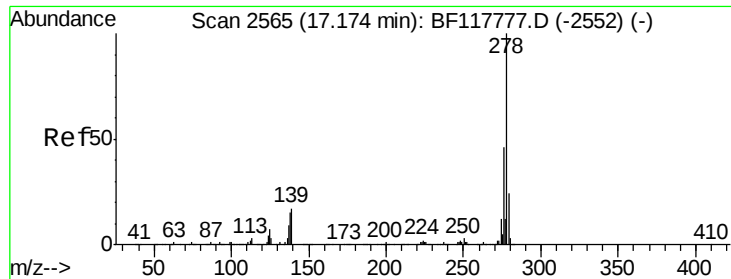
mohammad
12/4/2019 5:01:41 PM



#90
Benzo(a)pyrene
Concen: 44.852 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	9.7	8.9	13.3





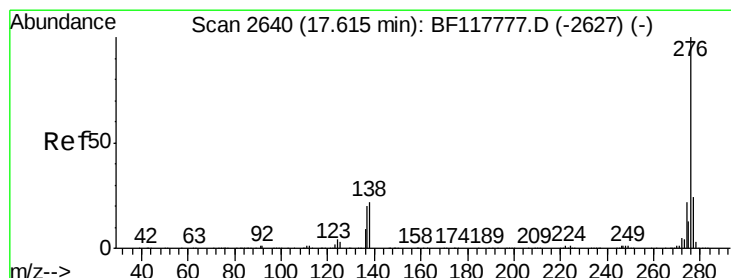
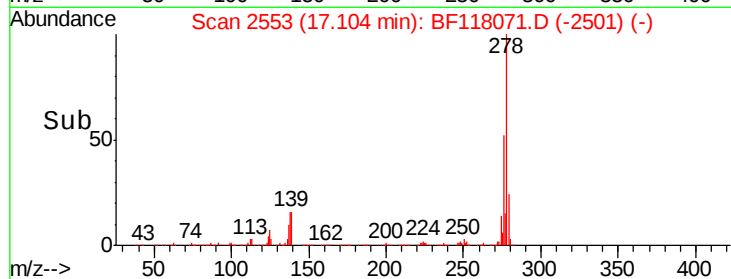
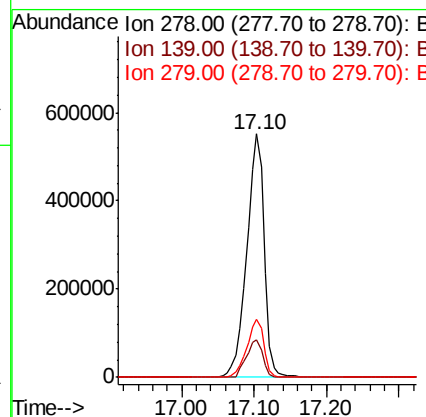
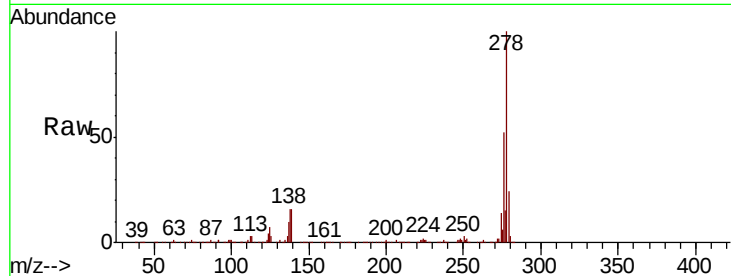
#91
Dibenzo(a,h)anthracene
Concen: 47.668 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
TP-20-SMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.2	18.4
279	24.0	19.0	28.6

Manual Integrations
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12/4/2019 5:01:41 PM



#92
Benzo(g,h,i)perylene
Concen: 47.535 ng
RT: 17.55 min Scan# 2629
Delta R.T. 0.01 min
Lab File: BF118071.D
Acq: 3 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.0	28.4
138	19.3	16.6	25.0

