

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119336.D
 Acq On : 11 Mar 2020 6:00
 Operator : CG/JU
 Sample : L1826-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MC5B39MS

Manual Integrations
 APPROVED

mohammad
 3/11/2020 4:58:50 PM

Quant Time: Mar 11 08:46:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	115426	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	423707	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	205826	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	307838	20.00	ng	0.00
76) Chrysene-d12	13.89	240	236100	20.00	ng	0.00
87) Perylene-d12	15.32	264	198832	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	840792	121.73	ng	0.02
7) Phenol-d6	6.39	99	901123	107.28	ng	0.01
23) Nitrobenzene-d5	7.30	82	704133	87.75	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	278784	103.54	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1303650	93.31	ng	0.00
79) Terphenyl-d14	12.83	244	1149749	83.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	99010	32.197	ng	# 86
3) Pyridine	3.44	79	26474m	3.152	ng	
4) n-Nitrosodimethylamine	3.22	42	102976	40.476	ng	95
6) Aniline	6.41	93	26849	2.590	ng	# 1
8) 2-Chlorophenol	6.53	128	348606	46.769	ng	98
9) Benzaldehyde	6.28	77	268822	47.900	ng	98
10) Phenol	6.40	94	338715	37.295	ng	# 74
11) bis(2-Chloroethyl)ether	6.46	93	318558	45.842	ng	98
12) 1,3-Dichlorobenzene	6.67	146	379211	42.446	ng	99
13) 1,4-Dichlorobenzene	6.75	146	389856	43.608	ng	98
14) 1,2-Dichlorobenzene	6.90	146	354690	43.503	ng	98
15) Benzyl Alcohol	6.89	79	267193	44.011	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	260238	43.232	ng	# 33
17) 2-Methylphenol	7.00	107	269207	44.547	ng	# 91
18) Hexachloroethane	7.23	117	119315	37.304	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	242208	49.484	ng	95
20) 3+4-Methylphenols	7.16	107	351492	47.475	ng	# 87
22) Acetophenone	7.14	105	480603	49.024	ng	95
24) Nitrobenzene	7.32	77	360487	45.426	ng	98
25) Isophorone	7.56	82	644500	46.245	ng	99
26) 2-Nitrophenol	7.63	139	170559	40.564	ng	97
27) 2,4-Dimethylphenol	7.68	122	267639	46.900	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	398071	43.882	ng	99
29) 2,4-Dichlorophenol	7.89	162	293181	43.641	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	328252	41.211	ng	100
31) Naphthalene	8.03	128	978462	44.528	ng	99
32) Benzoic acid	7.85	122	90353m	25.359	ng	
33) 4-Chloroaniline	8.10	127	38194	4.041	ng	99
34) Hexachlorobutadiene	8.15	225	204217	41.161	ng	98
35) Caprolactam	8.47	113	50826	24.571	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	297004	43.684	ng	99
37) 2-Methylnaphthalene	8.72	142	650851	44.012	ng	98
38) 1-Methylnaphthalene	8.82	142	607289	43.667	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	317962	45.819	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	5050	11.159	nq	96
43) 2,4,6-Trichlorophenol	9.02	196	193482	44.151	nq	100
44) 2,4,5-Trichlorophenol	9.07	196	190712	41.472	nq	97
46) 1,1'-Biphenyl	9.19	154	773292	46.486	nq	98
47) 2-Chloronaphthalene	9.21	162	594716	44.364	nq	98
48) 2-Nitroaniline	9.32	65	175243	46.869	nq	94
49) Acenaphthylene	9.62	152	860646	44.452	nq	99
50) Dimethylphthalate	9.49	163	847484	53.846	nq	99
51) 2,6-Dinitrotoluene	9.56	165	144946	41.451	nq #	84
52) Acenaphthene	9.79	154	516625	44.252	nq	99
53) 3-Nitroaniline	9.73	138	72325	18.657	nq	99
54) 2,4-Dinitrophenol	9.89	184	9194	12.380	nq #	85
55) Dibenzofuran	9.97	168	747649	42.906	nq	98
56) 4-Nitrophenol	9.93	139	60871m	26.135	nq	
57) 2,4-Dinitrotoluene	9.97	165	166327	36.697	nq	89
58) Fluorene	10.31	166	588483	43.461	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	157855	40.681	nq	97
60) Diethylphthalate	10.18	149	706803	47.653	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	322510	44.998	nq	96
62) 4-Nitroaniline	10.35	138	124852	31.479	nq	96
63) Azobenzene	10.46	77	571583	44.335	nq	94
65) 4,6-Dinitro-2-methylphenol	10.40	198	9832	5.278	nq	86
66) n-Nitrosodiphenylamine	10.42	169	530190	52.600	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	194521	48.342	nq	95
68) Hexachlorobenzene	10.86	284	209412	45.139	nq	97
69) Atrazine	10.95	200	169503	48.130	nq	99
70) Pentachlorophenol	11.07	266	136219	72.891	nq	97
71) Phenanthrene	11.27	178	759255	45.226	nq	98
72) Anthracene	11.32	178	783804	46.727	nq	98
73) Carbazole	11.48	167	667077	44.640	nq	99
74) Di-n-butylphthalate	11.80	149	991680	54.799	nq	98
75) Fluoranthene	12.46	202	780629	43.806	nq	98
77) Benzidine	12.59	184	22719	2.366	nq	97
78) Pyrene	12.69	202	798342	42.110	nq	98
80) Butylbenzylphthalate	13.30	149	357230	44.771	nq	98
81) Benzo(a)anthracene	13.88	228	767416	47.704	nq	98
82) 3,3'-Dichlorobenzidine	13.83	252	223831	35.832	nq #	99
83) Chrysene	13.92	228	721790	45.029	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	524884	52.069	nq	98
85) Di-n-octyl phthalate	14.46	149	878520	54.698	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	532379	34.301	nq	99
88) Benzo(b)fluoranthene	14.91	252	677471	51.692	nq	100
89) Benzo(k)fluoranthene	14.94	252	572117	47.105	nq	99
90) Benzo(a)pyrene	15.26	252	521281	44.070	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	457730	43.980	nq	99
92) Benzo(g,h,i)perylene	17.16	276	434122	42.216	nq	100

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



#1

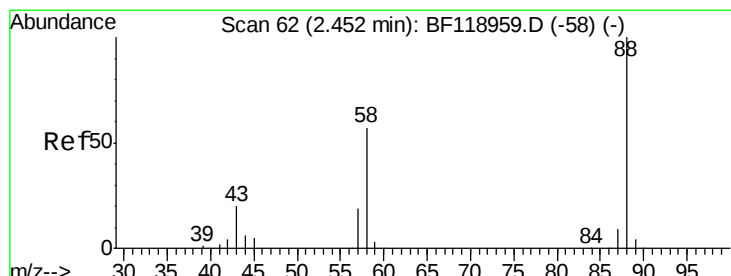
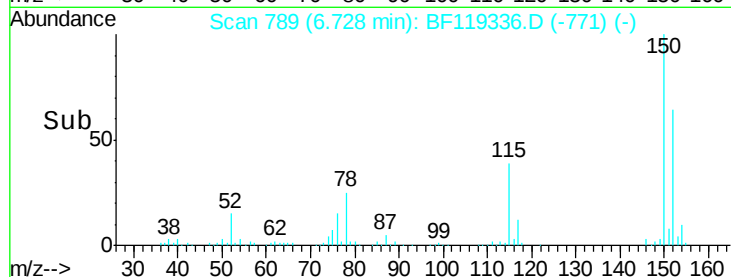
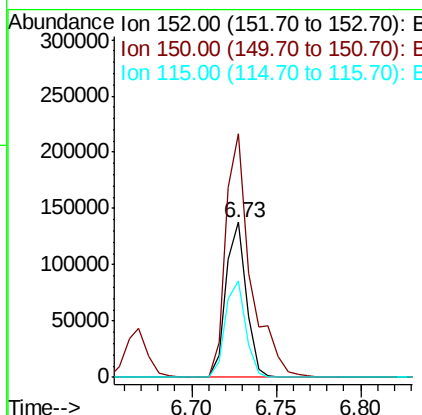
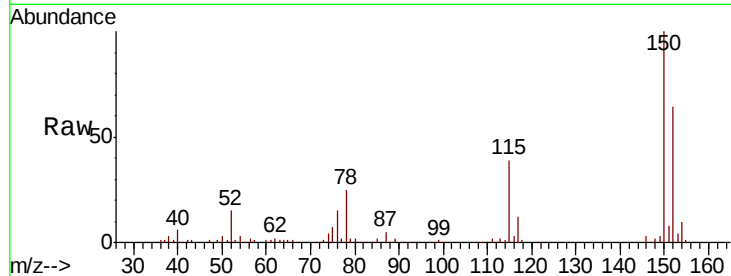
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.0	184.6
115	61.9	49.5	74.3

Manual Integrations
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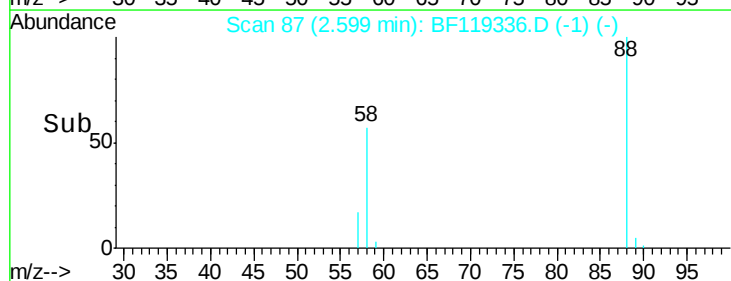
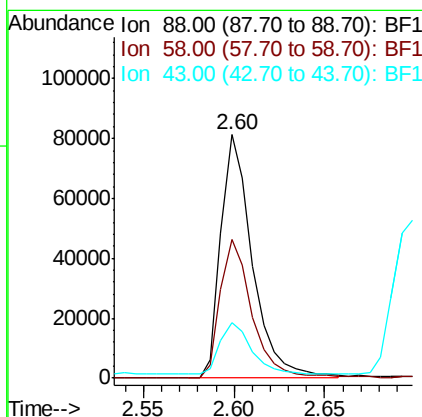
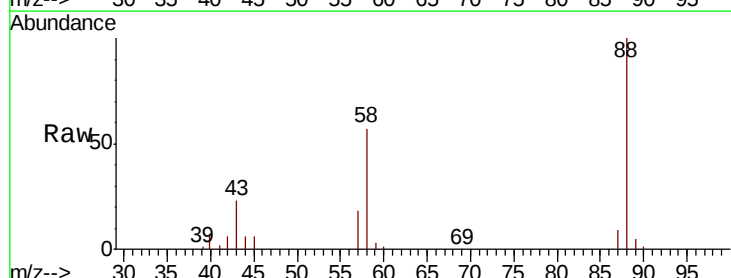
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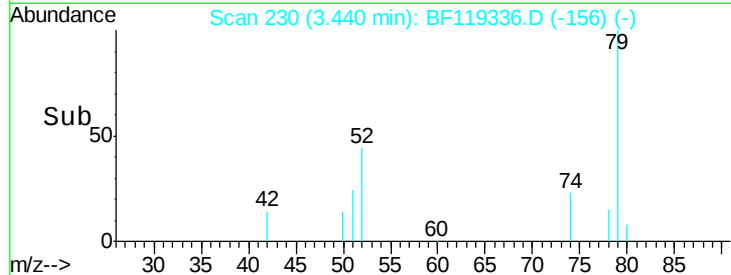
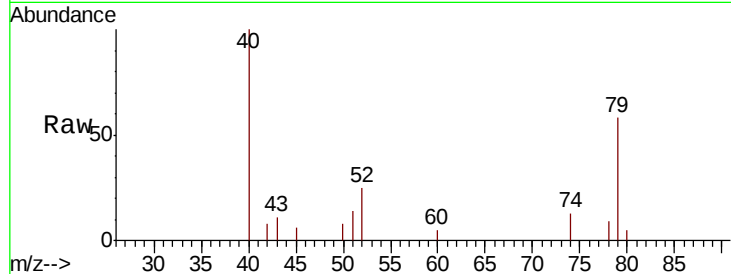
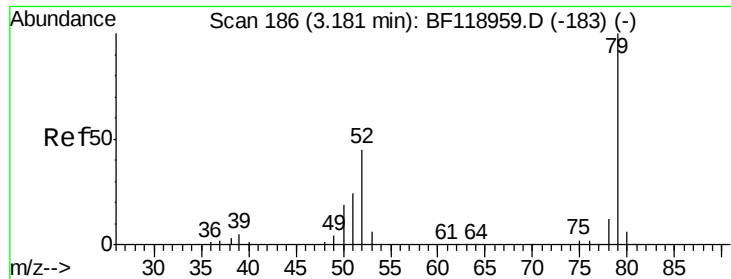


#2

1,4-Dioxane
Concen: 32.197 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.22 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.2	43.8	65.6
43	0.0	16.2	24.4





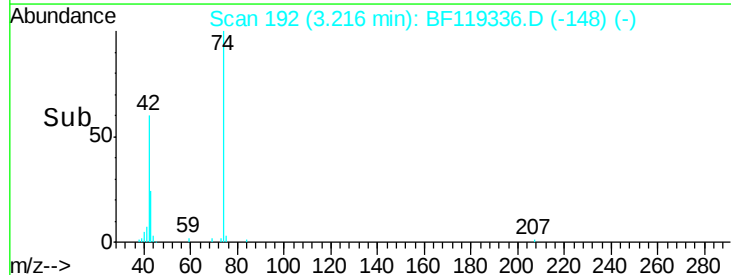
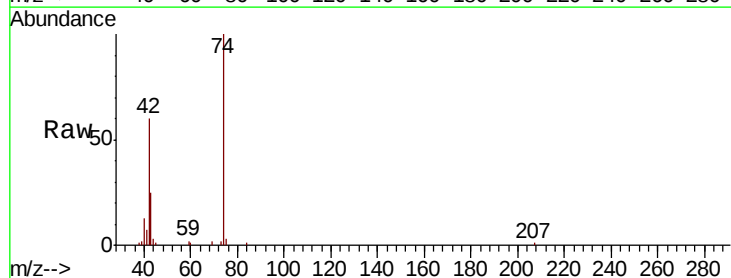
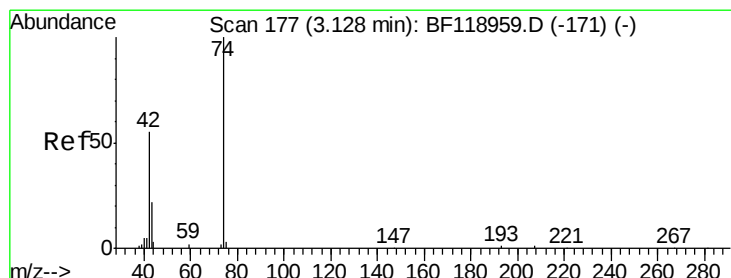
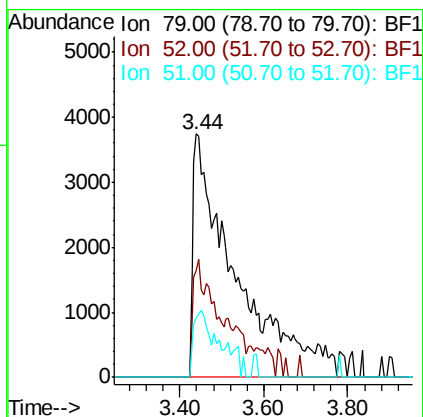
#3
Pvridine
Concen: 3.152 ng/ml
RT: 3.44 min Scan# 230
Delta R.T. 0.34 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	43.8	37.4	56.0	
51	24.4	19.8	29.6	

Instrument :
BNA_F
ClientSampleID :
MC5B39MS

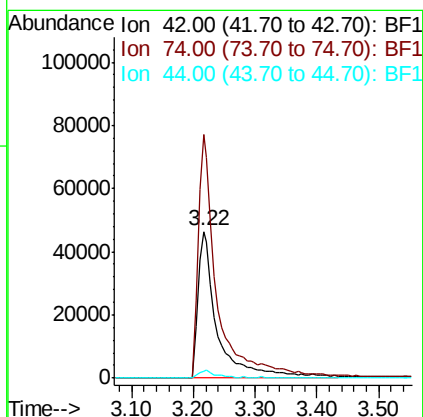
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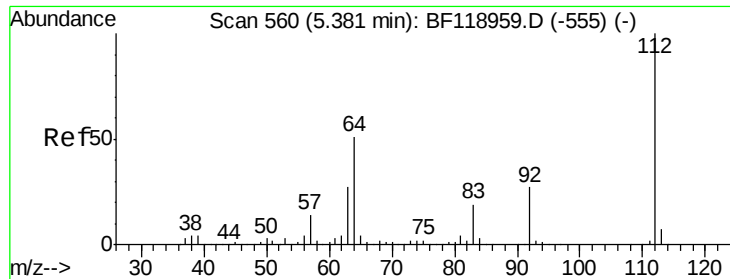
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#4
n-Nitrosodimethylamine
Concen: 40.476 ng
RT: 3.22 min Scan# 192
Delta R.T. 0.16 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	165.7	137.7	206.5	
44	4.9	4.5	6.7	





#5

2-Fluorophenol

Concen: 121.733 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

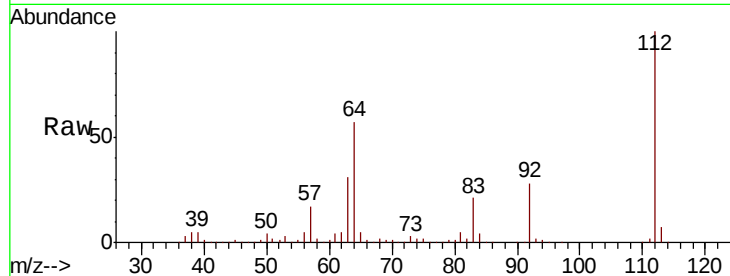
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MC5B39MS

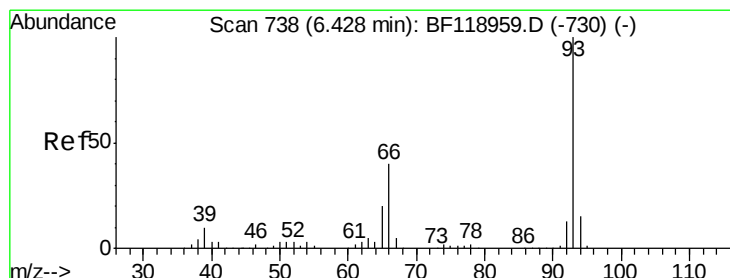
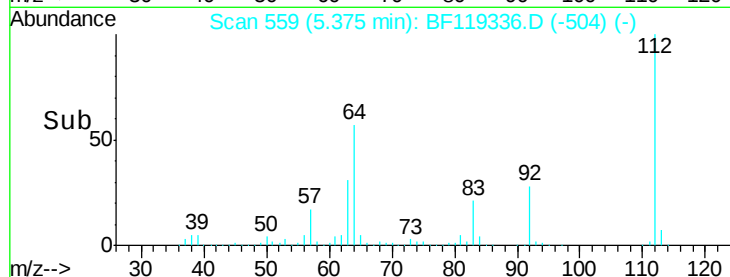
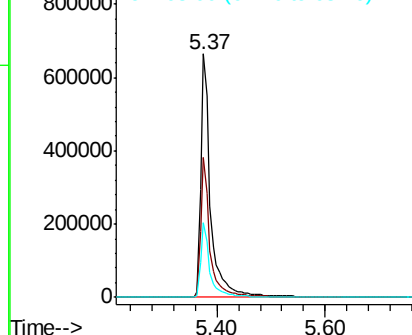
Tot Ion:	112	Resp:	840792
Ion Ratio	Lower	Upper	
112	100		
64	57.3	45.0	67.4
63	30.7	24.2	36.4

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



#6

Aniline

Concen: 2.590 ng

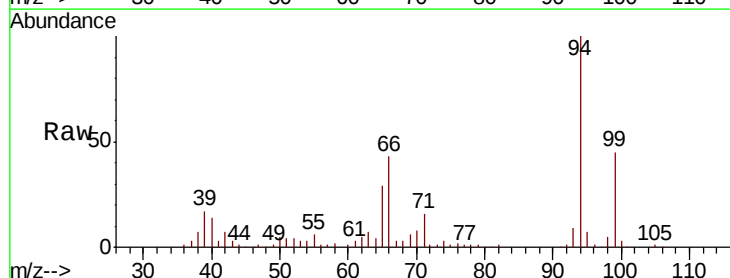
RT: 6.41 min Scan# 735

Delta R.T. 0.02 min

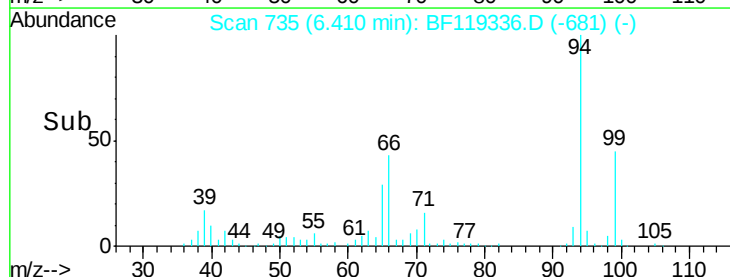
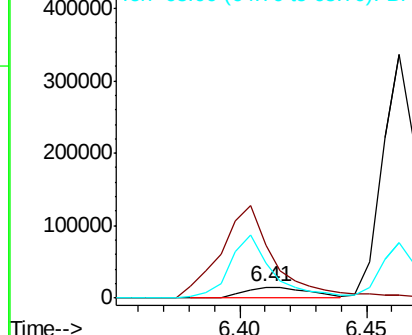
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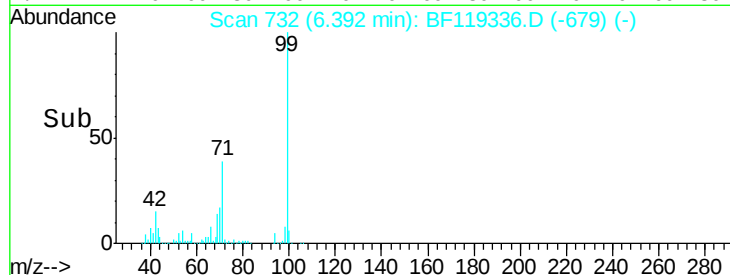
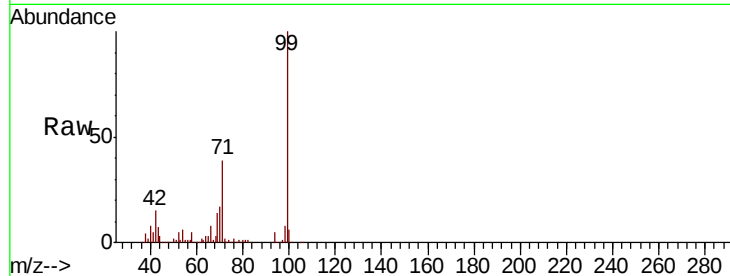
Acq: 11 Mar 2020 6:00

Tgt Ion:	93	Resp:	26849
Ion Ratio	Lower	Upper	
93	100		
66	471.6	74.5	111.7#
65	311.0	45.3	67.9#



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





#7

Phenol-d6

Concen: 107.276 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Tot Ion:	99	Resp:	901123
Ion Ratio	Lower	Upper	
99	100		
42	15.4	12.6	18.8
71	38.9	31.0	46.4

Instrument :

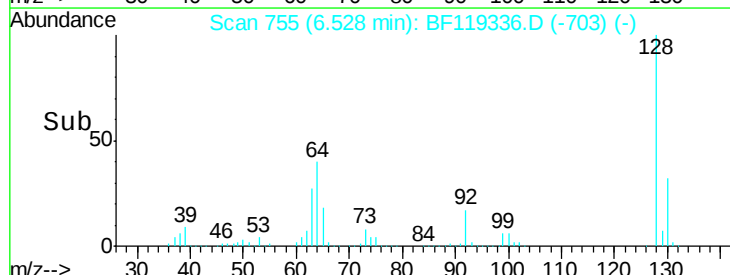
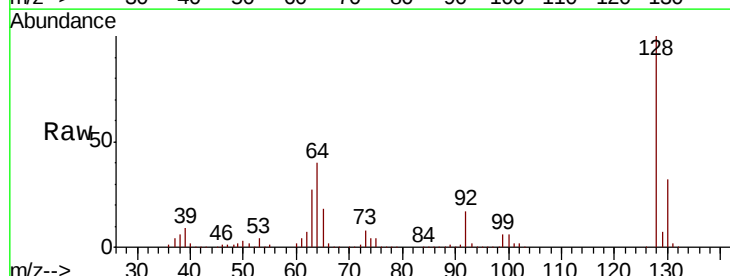
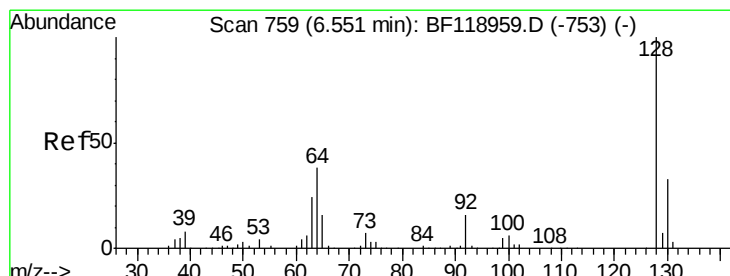
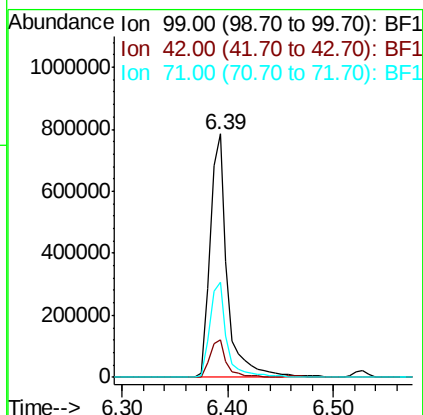
BNA_F

ClientSampled :

MC5B39MS

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#8

2-Chlorophenol

Concen: 46.769 ng

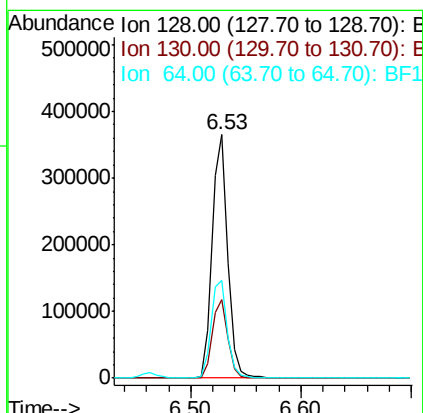
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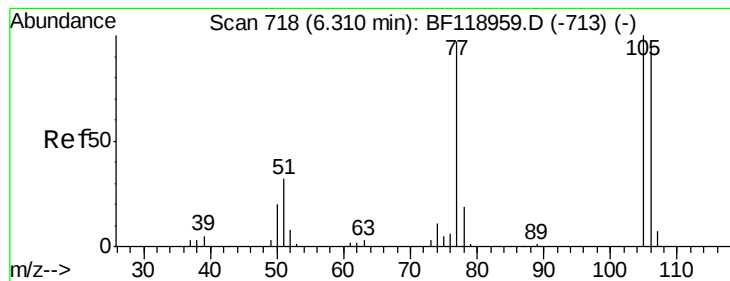
Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Tgt Ion:	128	Resp:	348606
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.7	52.7
64	40.0	22.3	62.3





#9

Benzaldehyde

Concen: 47.900 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

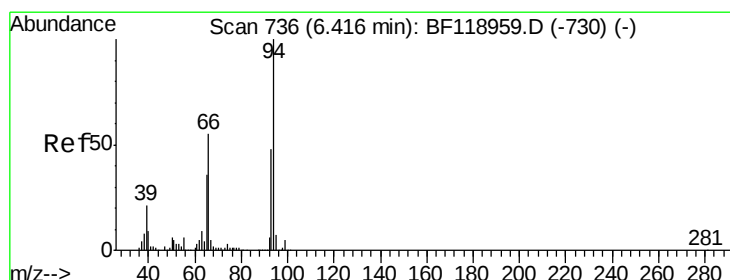
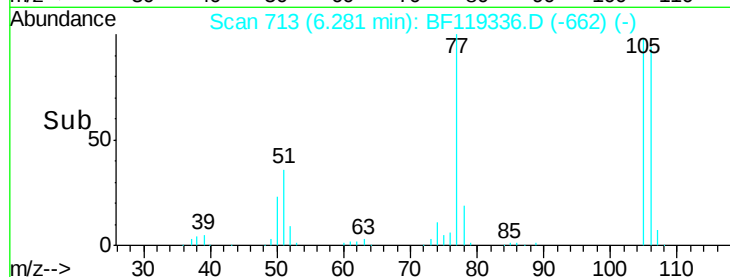
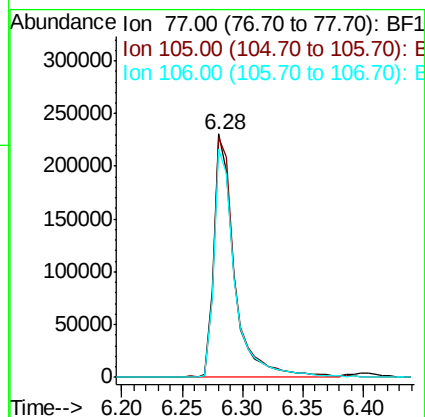
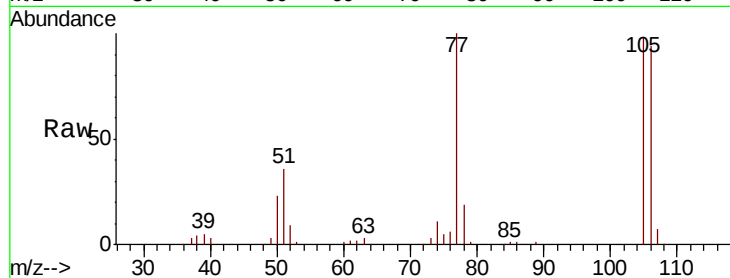
ClientSampleId :

MC5B39MS

Tot Ion:	77	Resp:	268822
Ion	Ratio	Lower	Upper
77	100		
105	98.3	80.1	120.1
106	93.7	75.9	115.9

Manual Integrations
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#10

Phenol

Concen: 37.295 ng

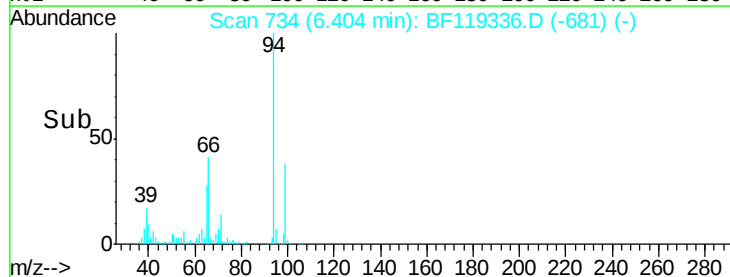
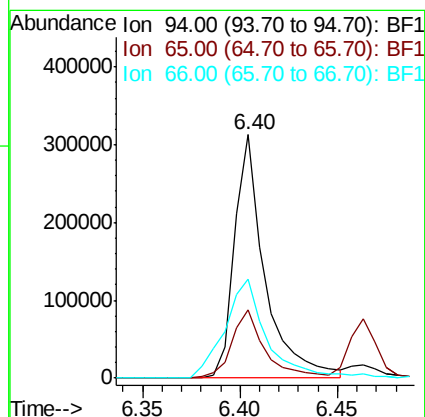
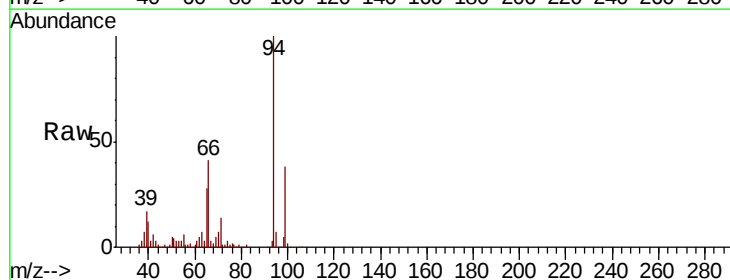
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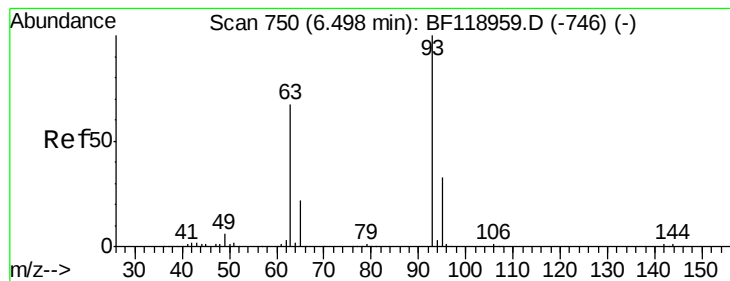
Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Tgt Ion:	94	Resp:	338715
Ion	Ratio	Lower	Upper
94	100		
65	27.9	19.2	59.2
66	40.9	44.4	84.4#





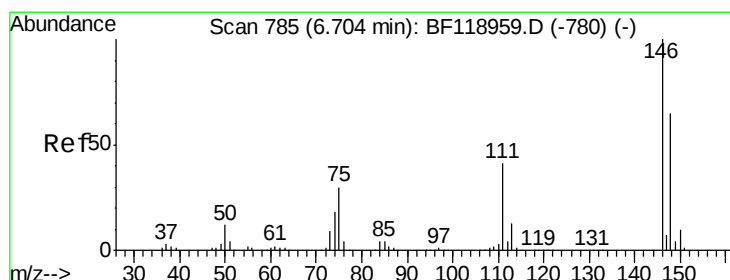
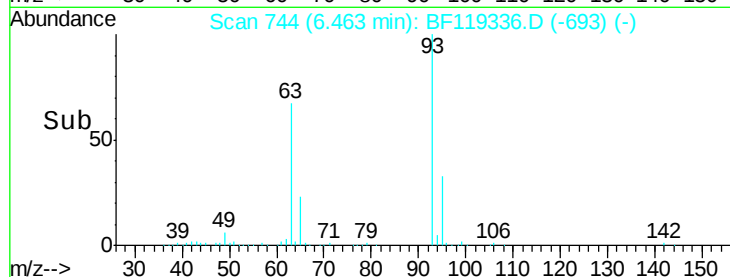
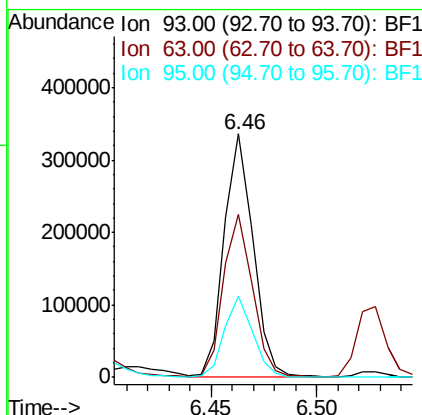
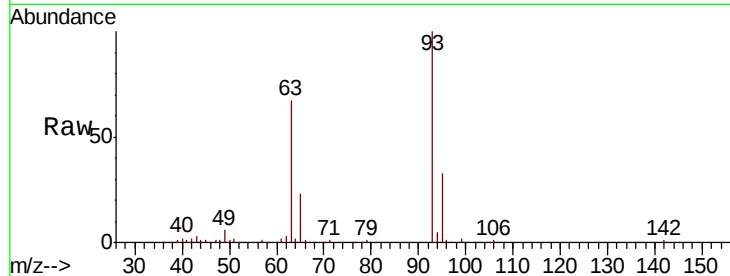
#11
bis(2-Chloroethyl)ether
Concen: 45.842 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	67.2	45.4	85.4
95	33.2	13.5	53.5

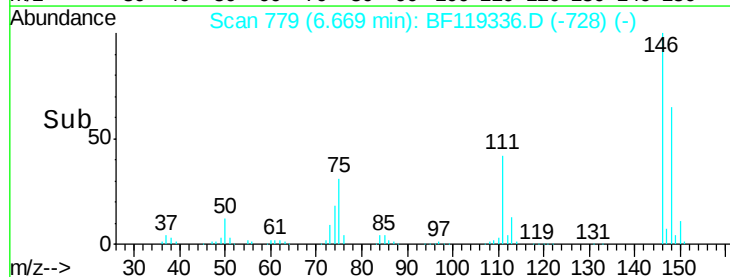
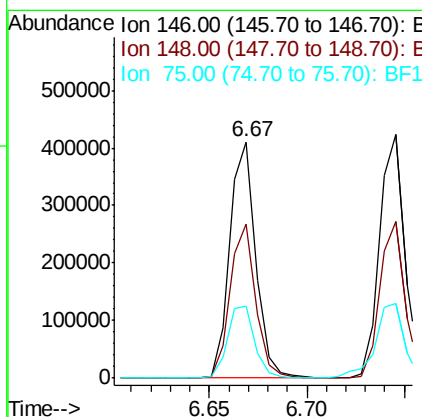
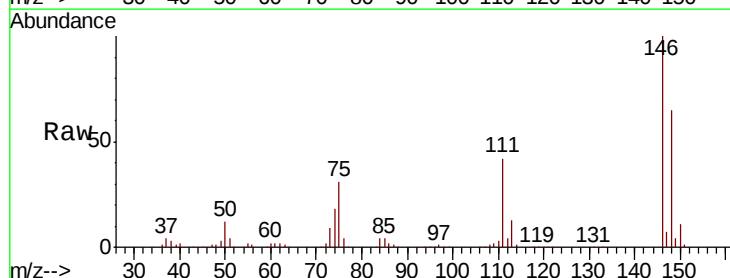
Manual Integrations
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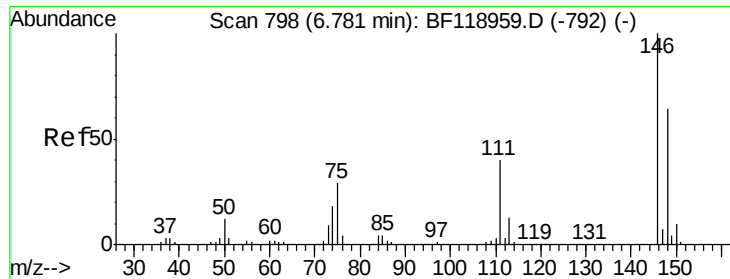
mohammad
3/11/2020 4:58:50 PM



#12
1,3-Dichlorobenzene
Concen: 42.446 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.1	52.5	78.7
75	30.5	23.6	35.4





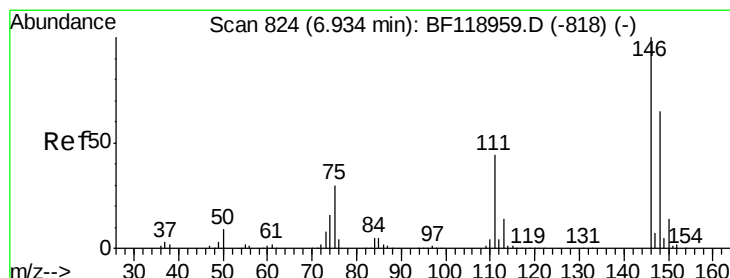
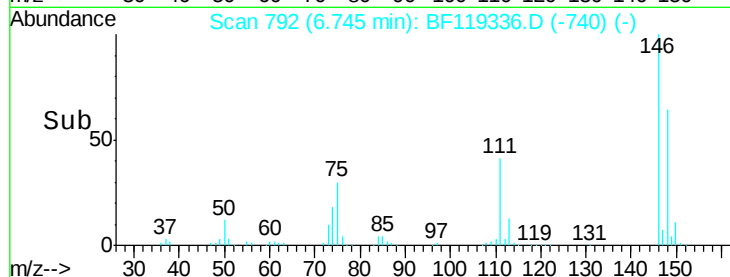
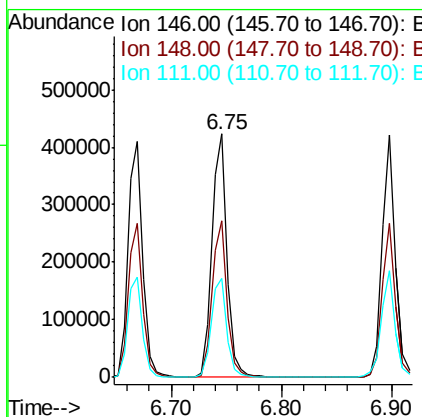
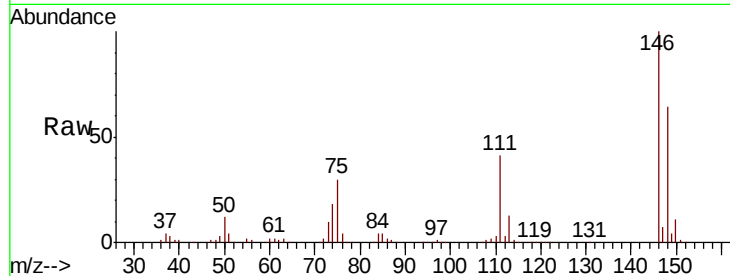
#13
 1,4-Dichlorobenzene
 Concen: 43.608 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :
 MC5B39MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	40.8	34.8	52.2

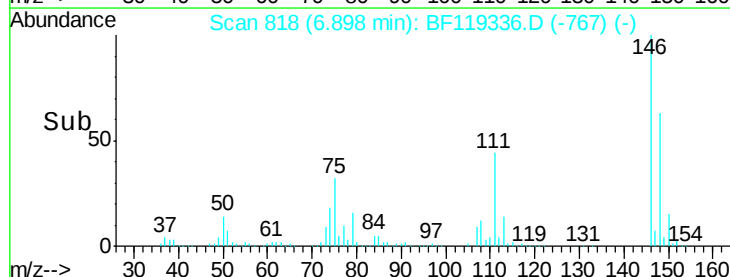
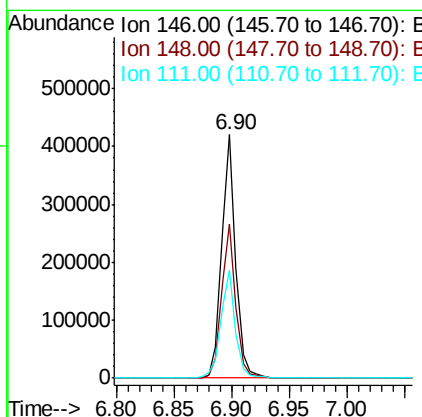
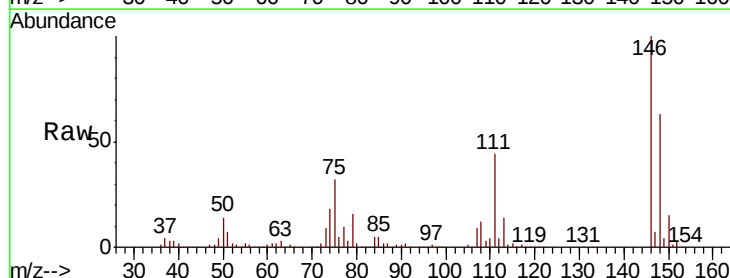
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 43.503 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
111	44.1	36.2	54.2





#15

Benzyl Alcohol

Concen: 44.011 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

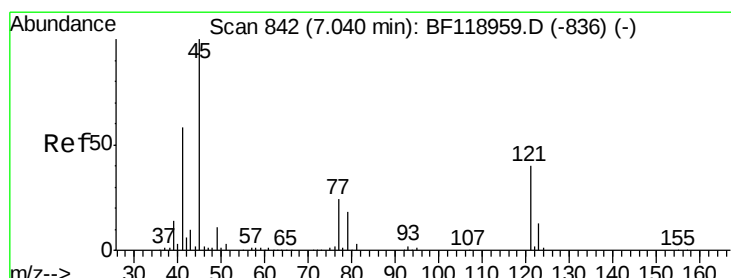
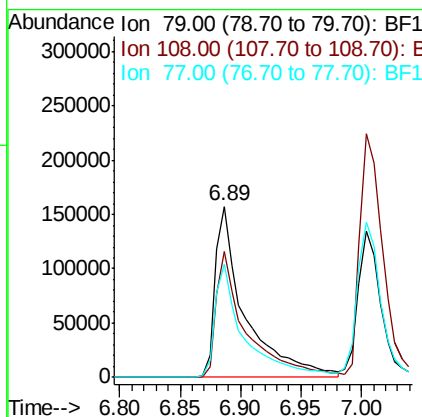
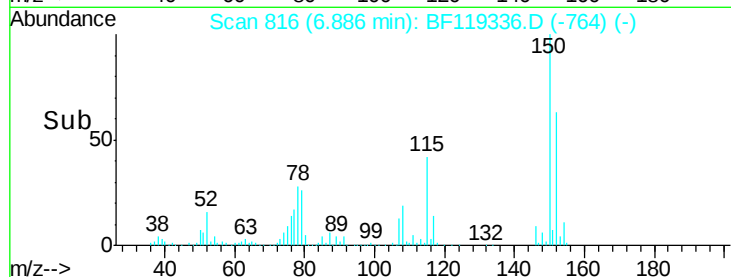
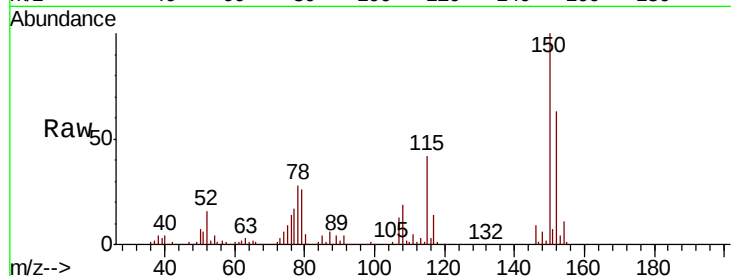
ClientSampleId :

MC5B39MS

Tot Ion:	79	Resp:	267193
Ion Ratio	Lower	Upper	
79	100		
108	74.0	58.2	87.2
77	66.3	51.2	76.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.232 ng

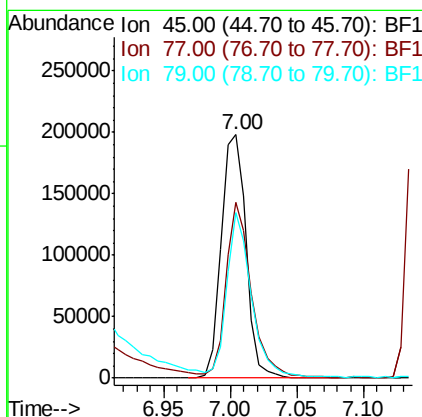
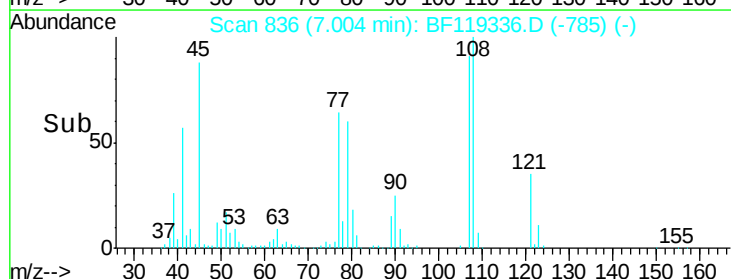
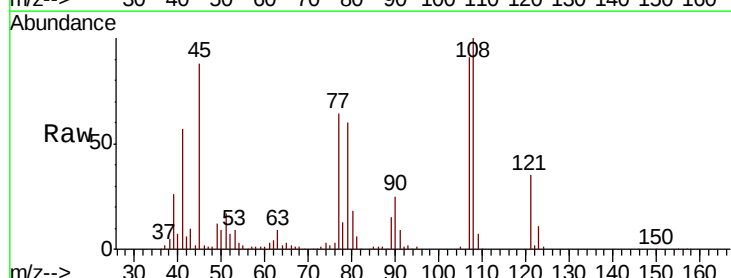
RT: 7.00 min Scan# 836

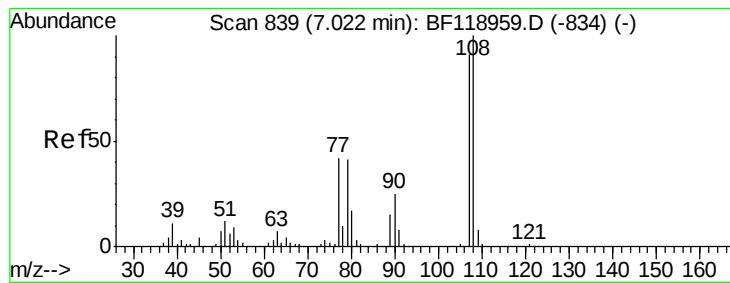
Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Tgt Ion:	45	Resp:	260238
Ion Ratio	Lower	Upper	
45	100		
77	72.2	15.0	55.0#
79	67.8	9.4	49.4#





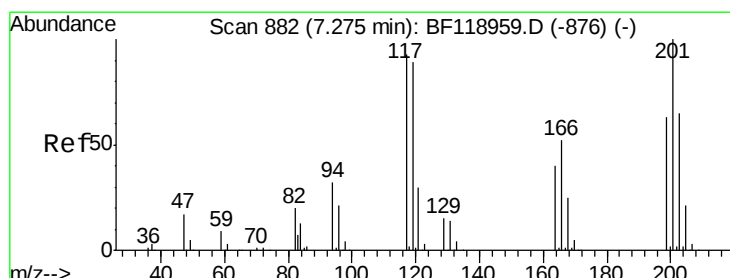
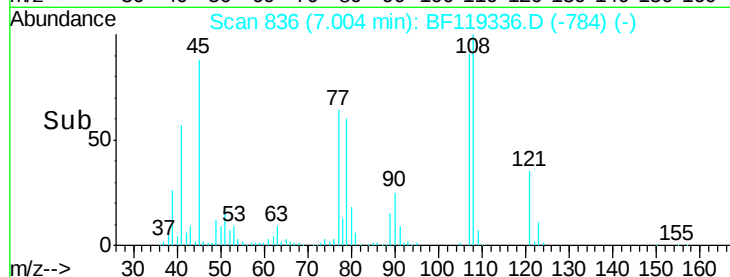
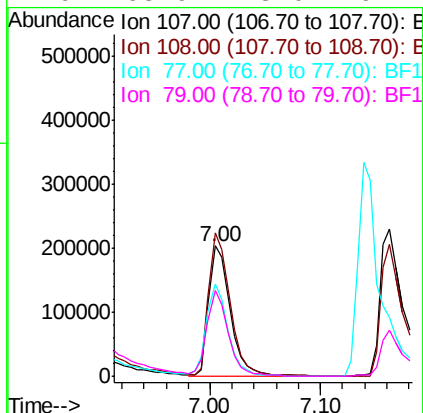
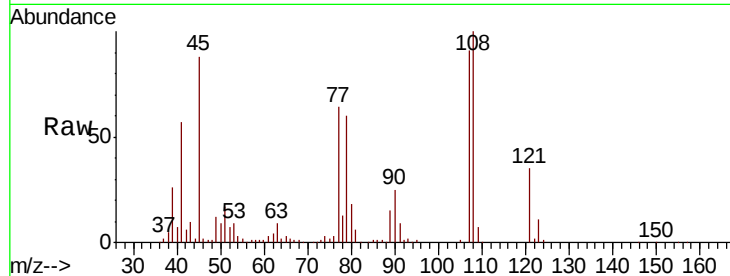
#17
2-Methylphenol
Concen: 44.547 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.9	87.9	131.9	
77	70.2	45.3	67.9	
79	65.9	43.0	64.4	

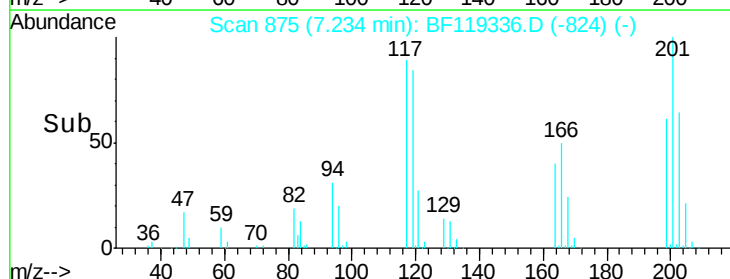
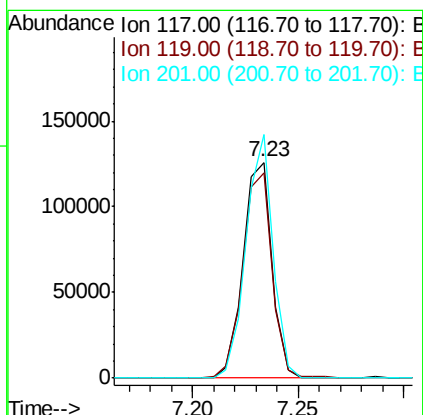
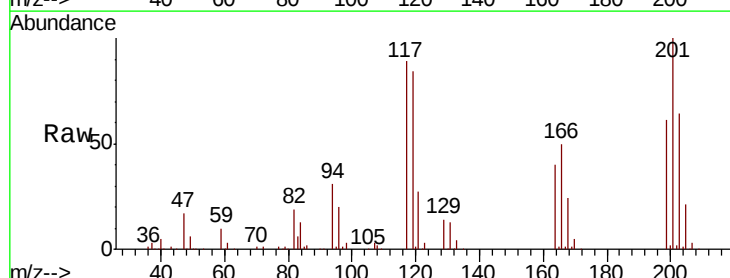
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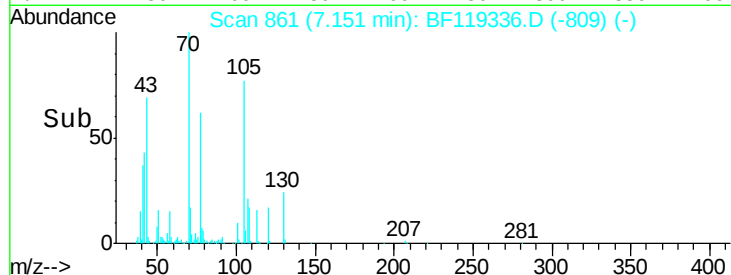
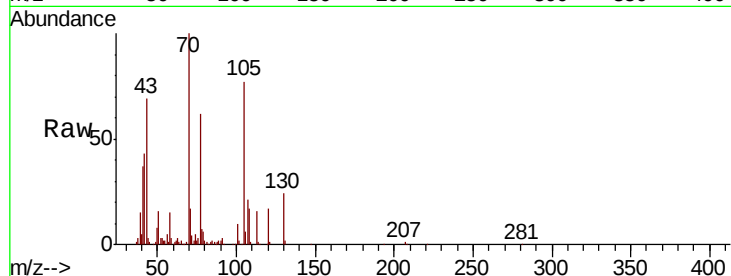
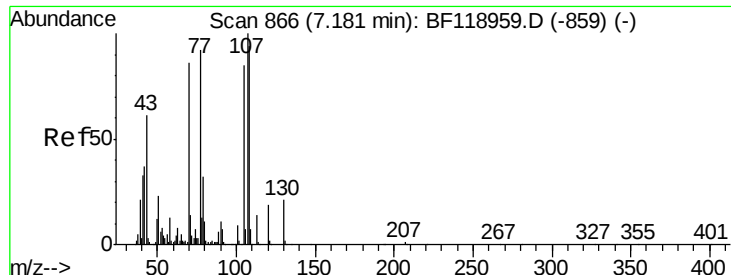
mohammad
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#18
Hexachloroethane
Concen: 37.304 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

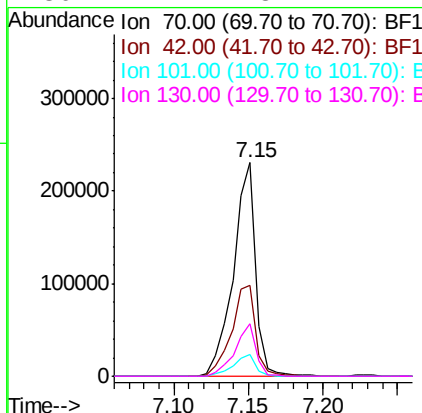
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	77.5	116.3	
201	112.9	82.6	123.8	





#19
n-Nitroso-di-n-propylamine
Concen: 49.484 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

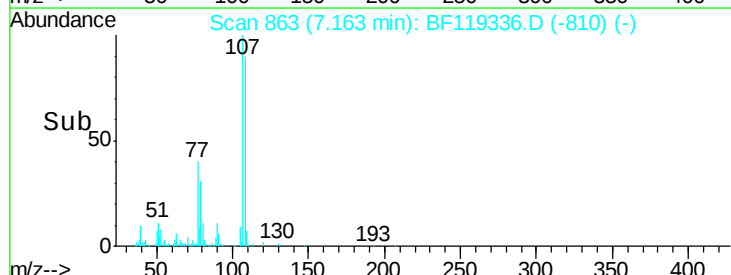
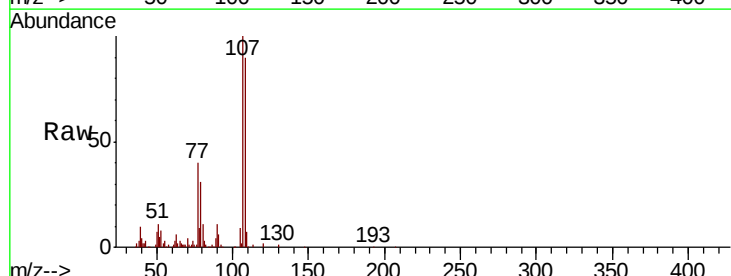
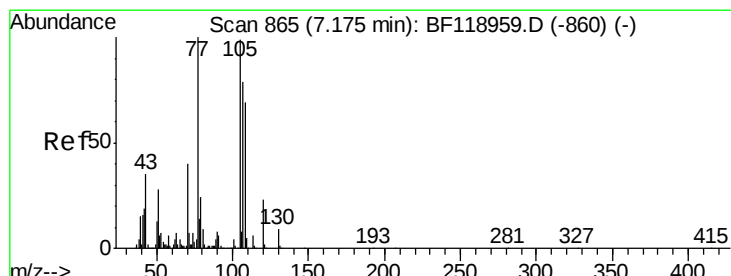
Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	42.5	38.0	57.0	
101	10.4	8.2	12.4	
130	24.4	18.2	27.4	



Instrument :
BNA_F
ClientSampleId :
MC5B39MS

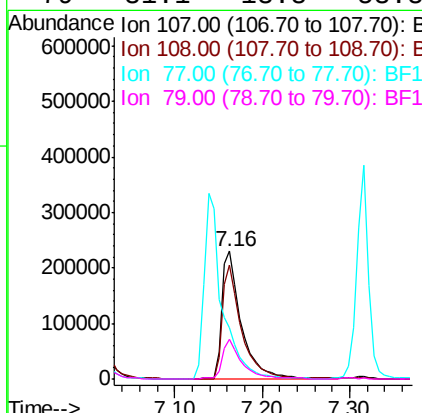
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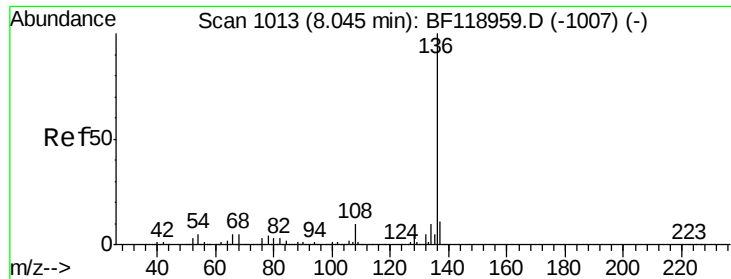
mohammad
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#20
3+4-Methylphenols
Concen: 47.475 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	89.7	71.5	111.5	
77	40.1	45.9	85.9	
79	31.1	13.8	53.8	





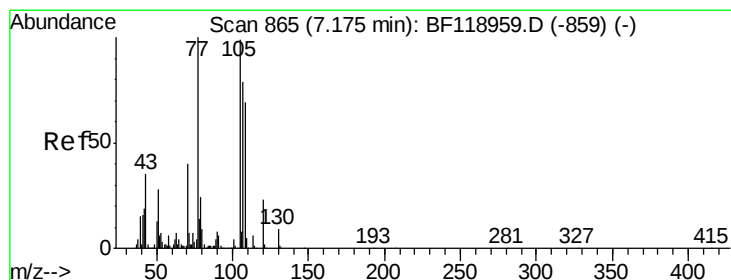
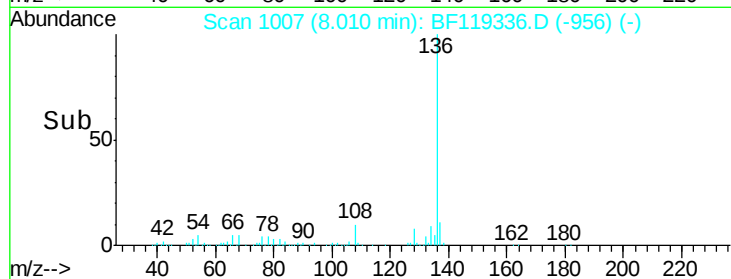
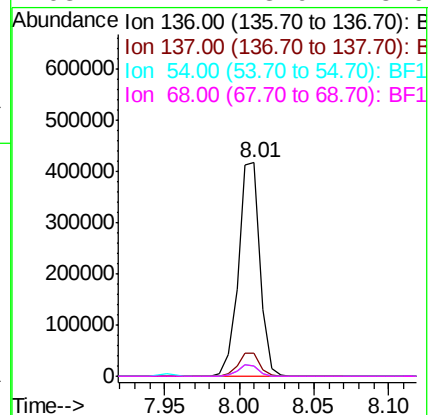
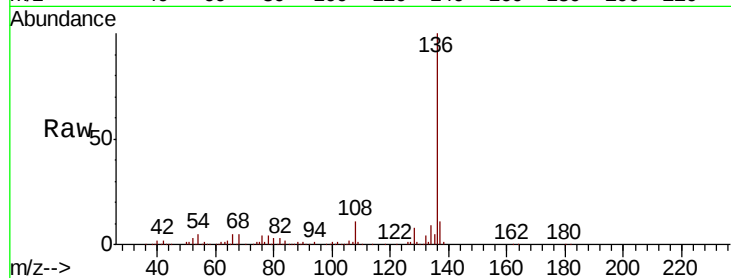
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		423707		
137	10.6	8.8	13.2		
54	4.6	3.8	5.6		
68	4.7	3.9	5.9		

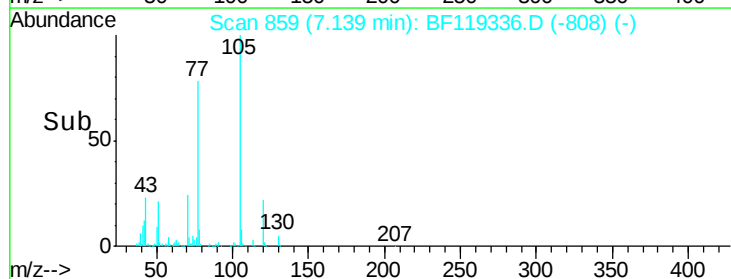
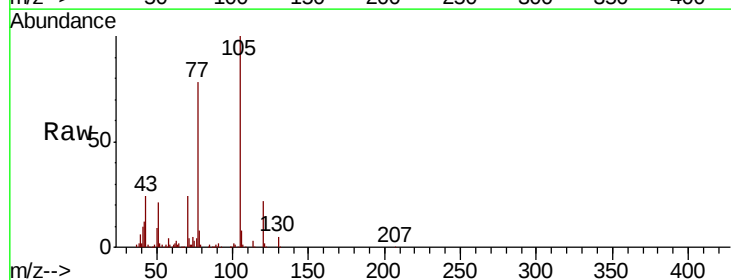
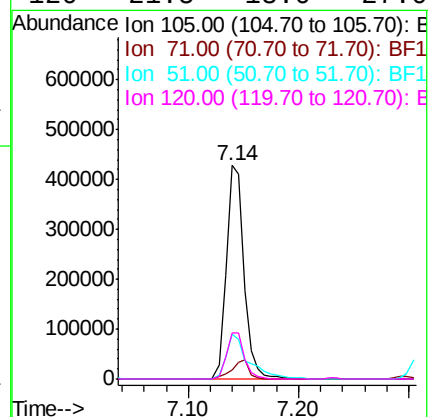
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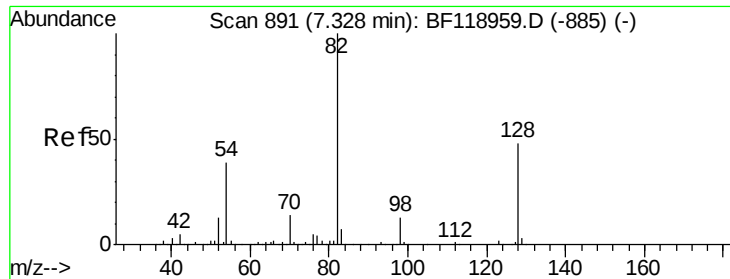
mohammad
3/11/2020 4:58:50 PM



#22
Acetophenone
Concen: 49.024 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		480603		
71	3.9	3.0	4.4		
51	20.7	20.1	30.1		
120	21.5	18.0	27.0		





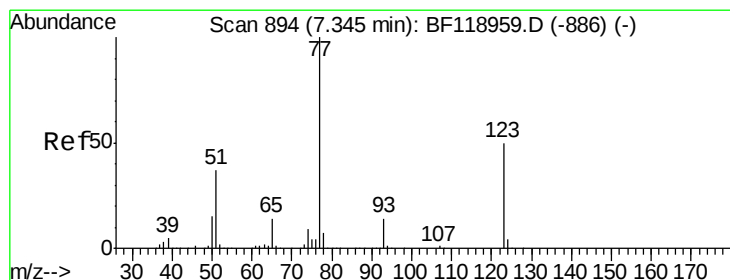
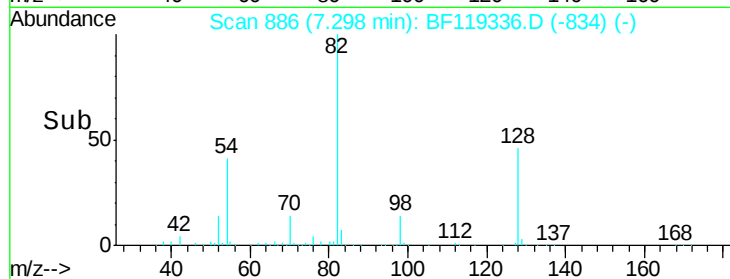
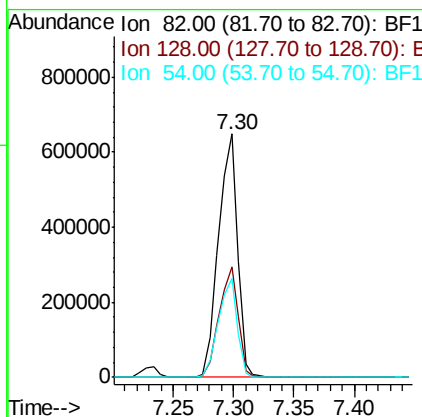
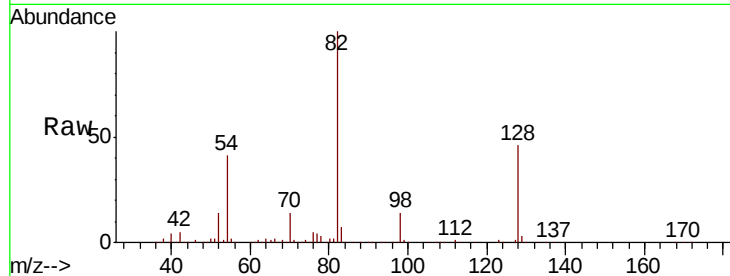
#23
 Nitrobenzene-d5
 Concen: 87.745 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :
 MC5B39MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.9	56.9
54	40.7	33.4	50.2

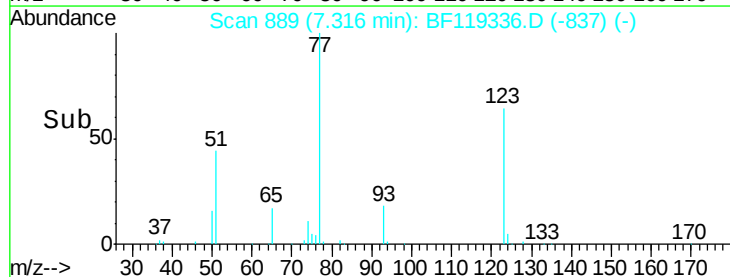
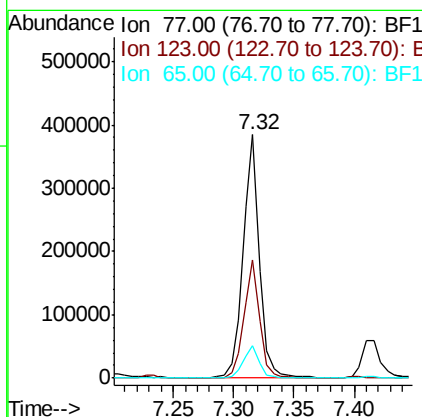
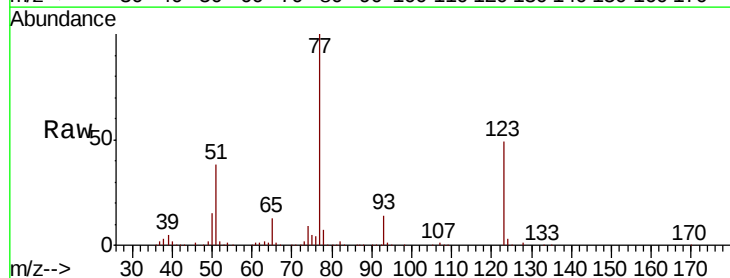
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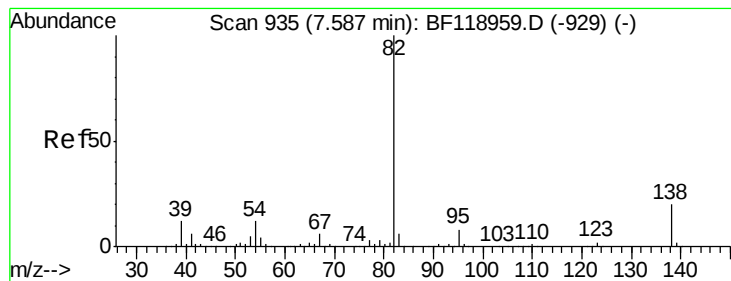
mohammad
 3/11/2020 4:58:50 PM



#24
 Nitrobenzene
 Concen: 45.426 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	40.2	60.2
65	13.5	10.8	16.2





#25

Isophorone

Concen: 46.245 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

MC5B39MS

Tot Ion: 82 Resp: 644500

Ion Ratio Lower Upper

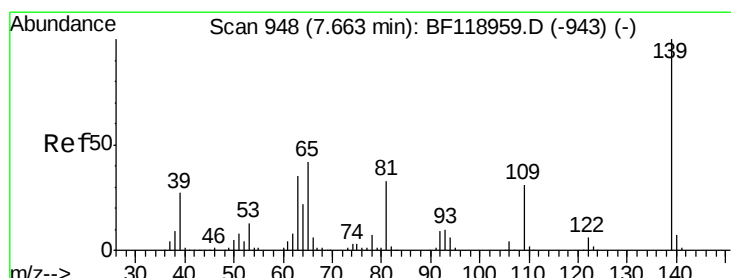
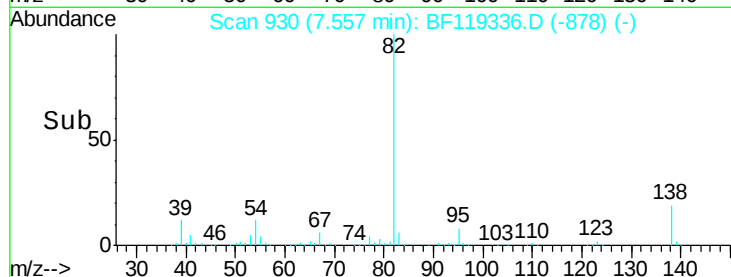
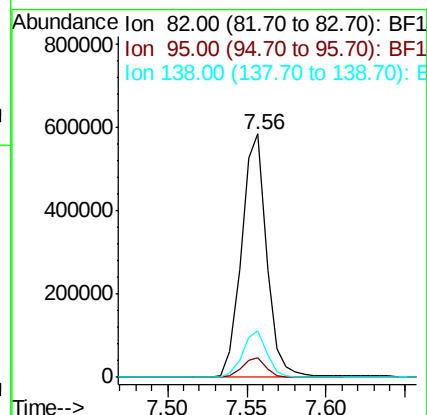
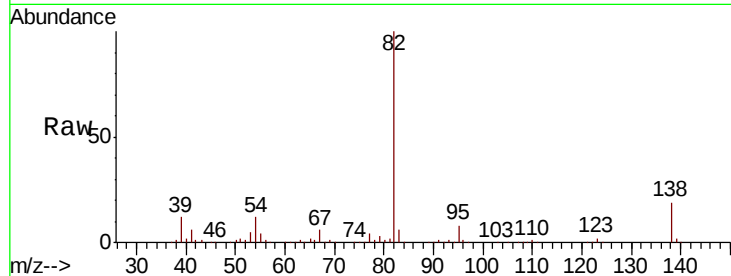
82 100

95 8.1 6.4 9.6

138 19.3 15.7 23.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.564 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

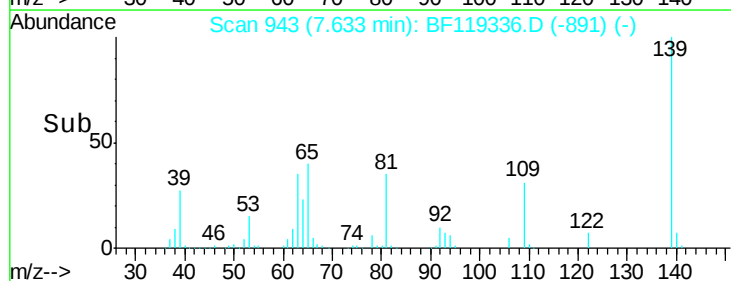
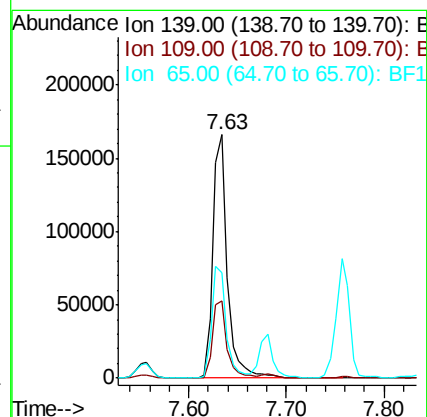
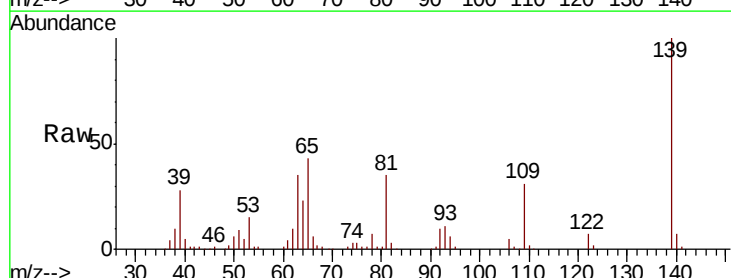
Tgt Ion: 139 Resp: 170559

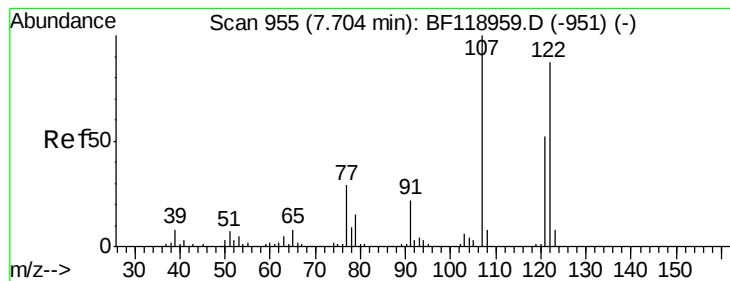
Ion Ratio Lower Upper

139 100

109 31.5 25.7 38.5

65 43.4 37.1 55.7





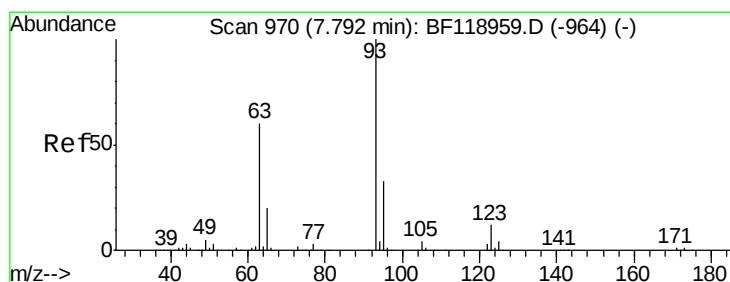
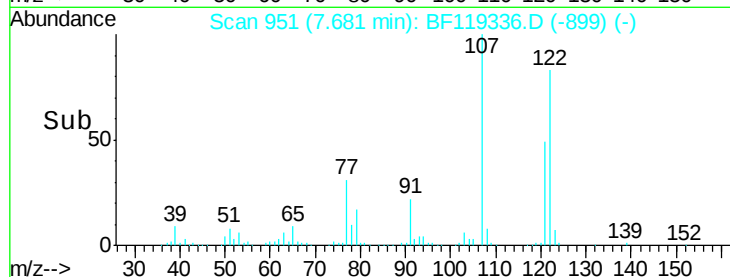
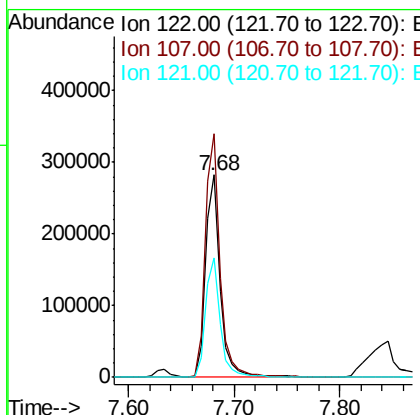
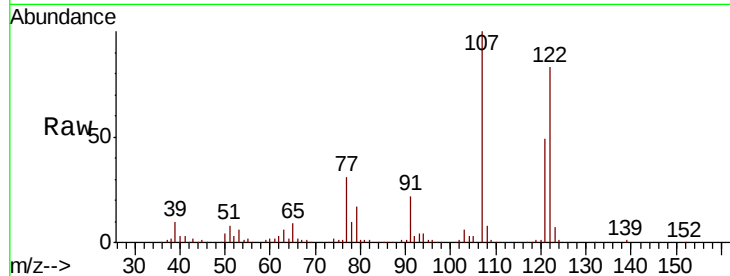
#27
 2,4-Dimethylphenol
 Concen: 46.900 ng
 RT: 7.68 min Scan# 951
 Delta R.T. 0.01 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampled :
 MC5B39MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.2	93.8	140.6
121	58.9	48.2	72.2

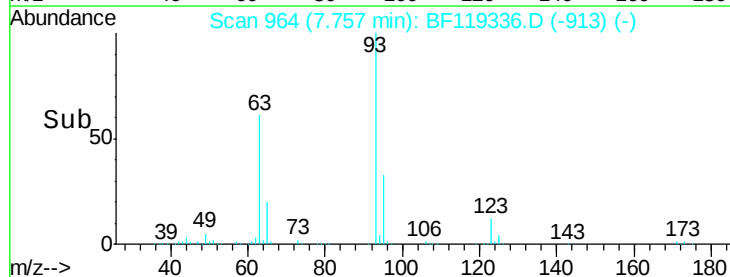
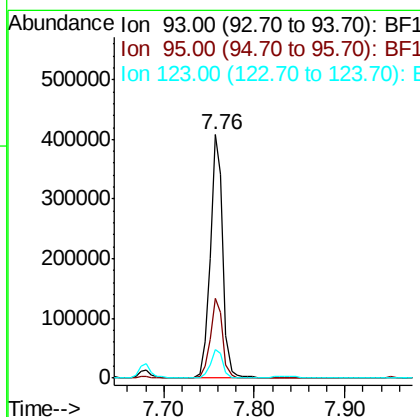
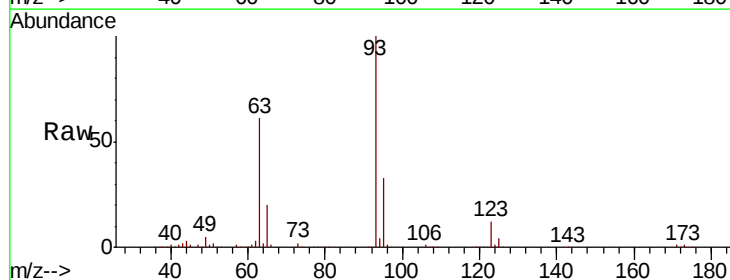
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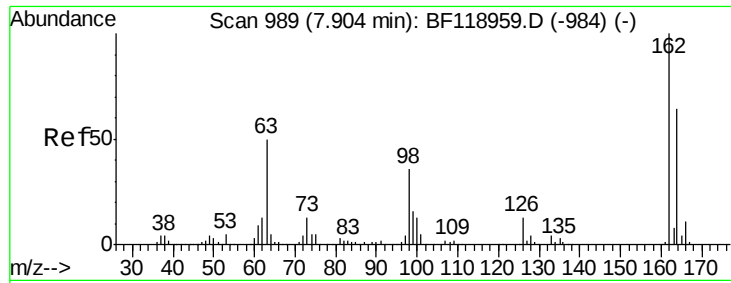
mohammad
 3/11/2020 4:58:50 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.882 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	11.8	10.2	15.2





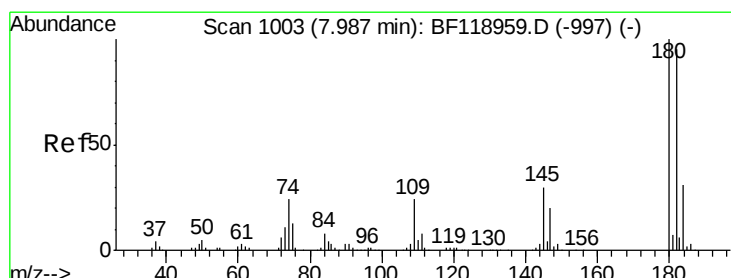
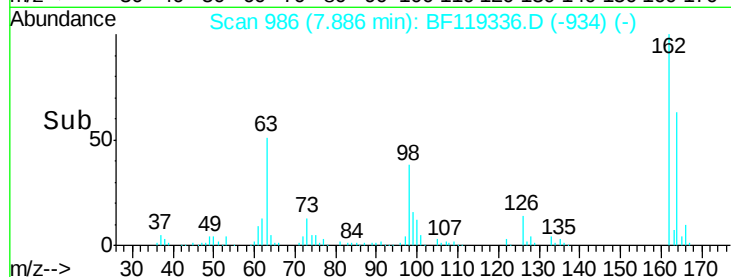
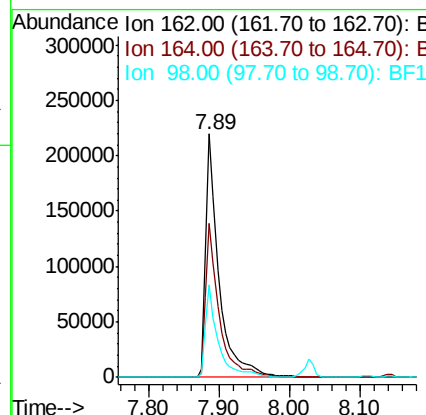
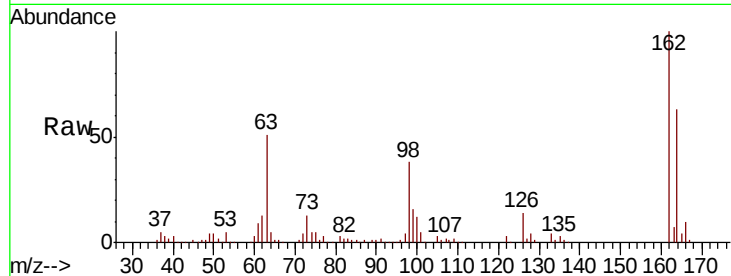
#29
2,4-Dichlorophenol
Concen: 43.641 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.2	45.2	85.2
98	38.0	17.4	57.4

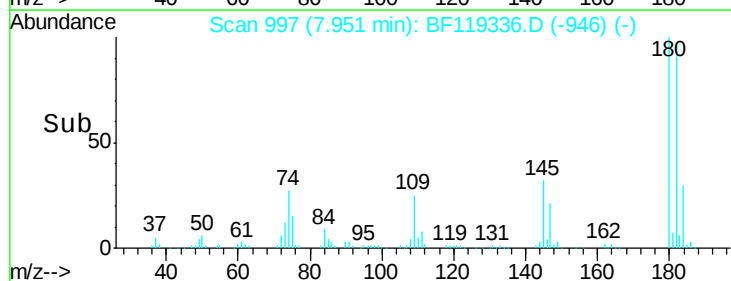
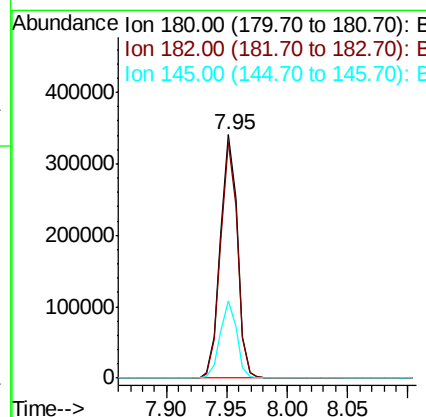
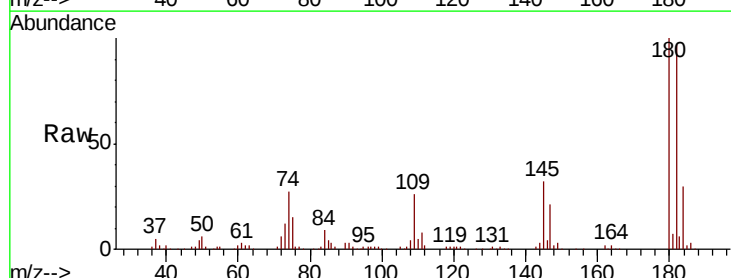
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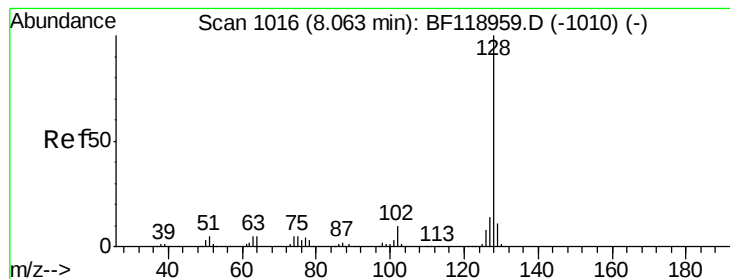
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.211 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.7	77.8	116.6
145	31.6	25.2	37.8





#31

Naphthalene

Concen: 44.528 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

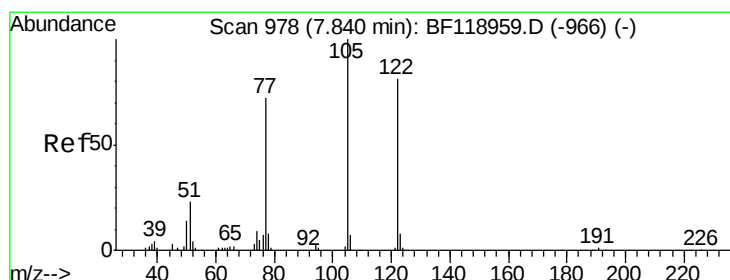
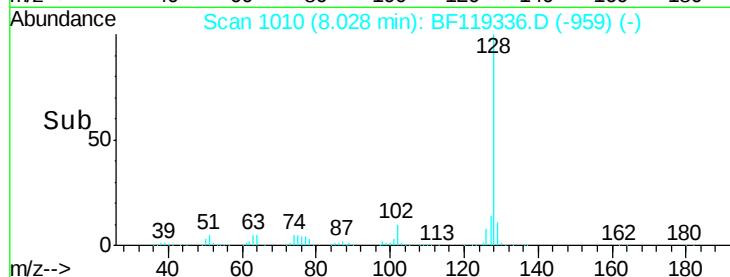
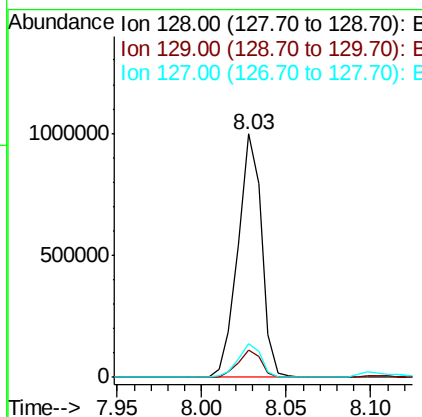
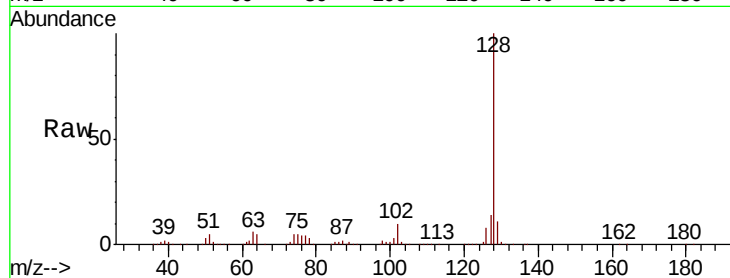
ClientSampleId :

MC5B39MS

Tot Ion:	128	Resp:	978462
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.4	14.2
127	14.0	11.4	17.2

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#32

Benzoic acid

Concen: 25.359 ng m

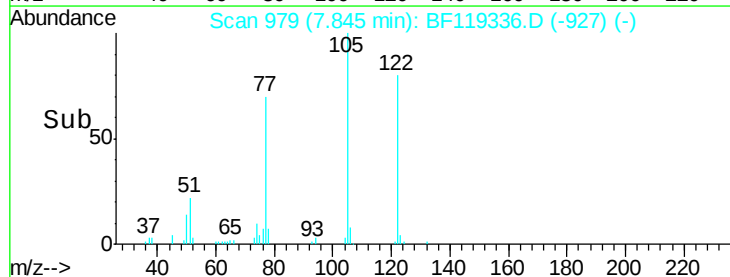
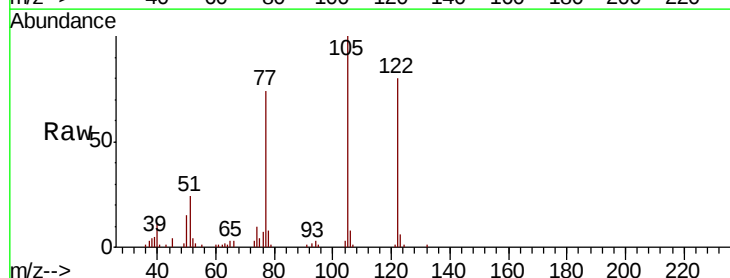
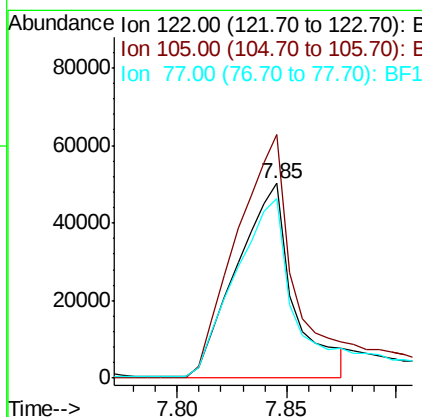
RT: 7.85 min Scan# 979

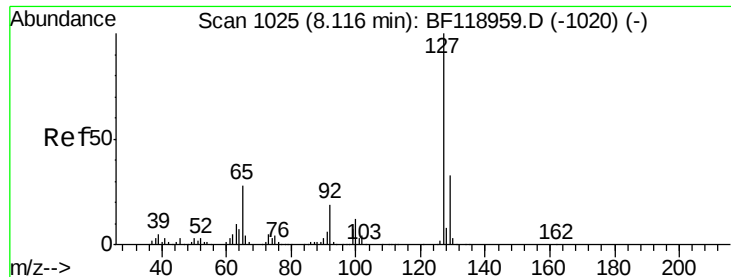
Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Tgt Ion:	122	Resp:	90353
Ion Ratio	Lower	Upper	
122	100		
105	125.2	106.3	146.3
77	92.6	73.1	113.1





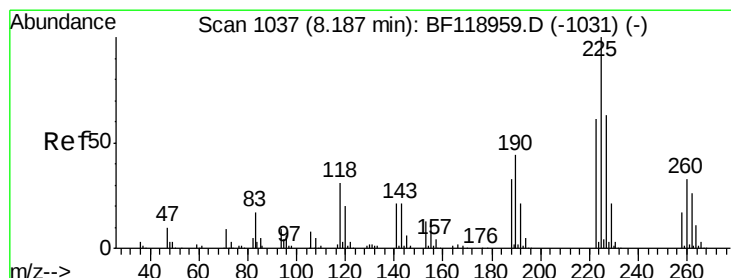
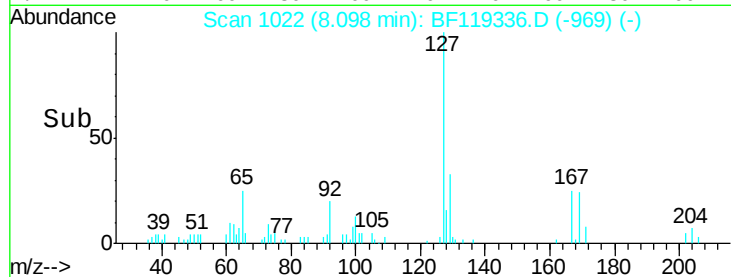
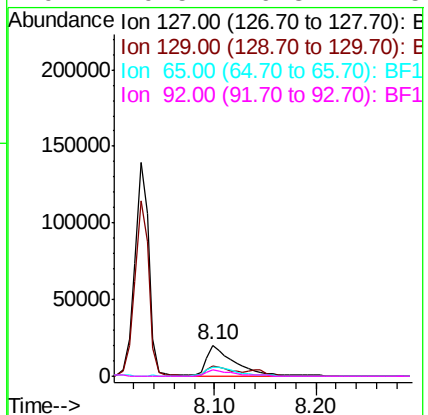
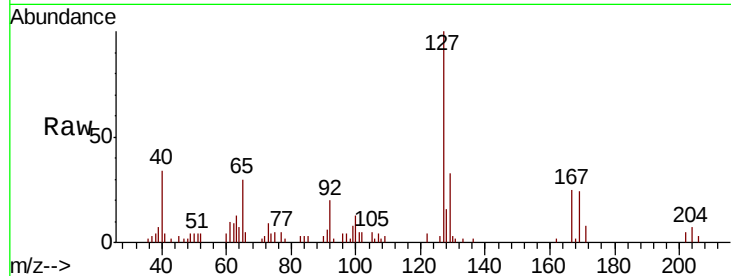
#33
4-Chloroaniline
Concen: 4.041 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	25.9	38.9		
65	29.7	23.9	35.9		
92	19.5	16.3	24.5		

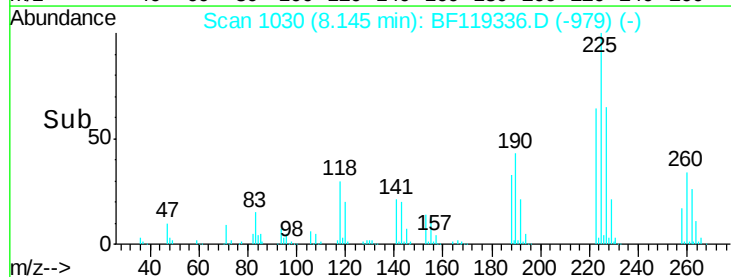
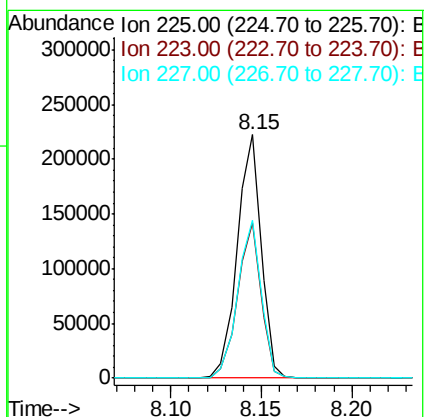
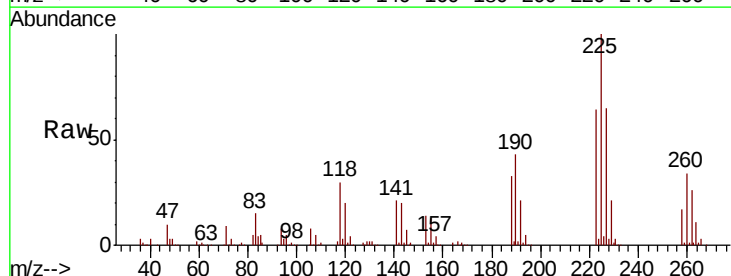
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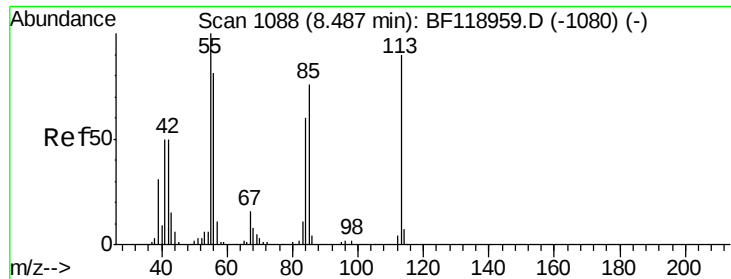
mohammad
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#34
Hexachlorobutadiene
Concen: 41.161 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	49.4	74.2		
227	64.8	52.9	79.3		





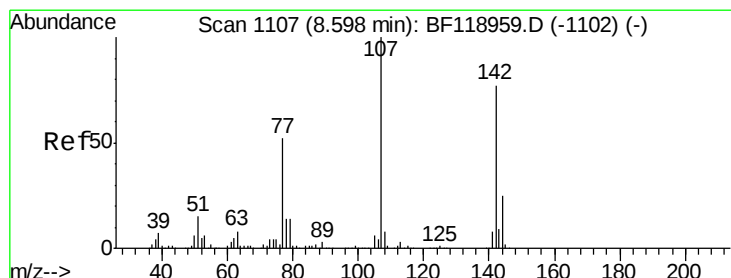
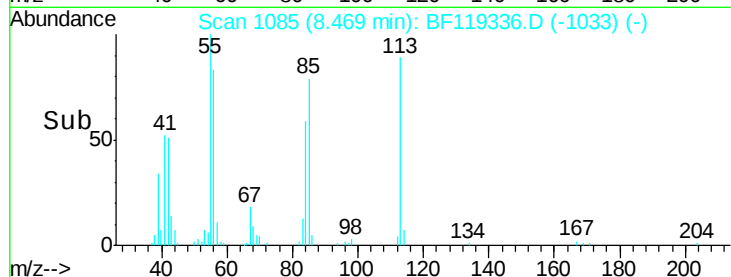
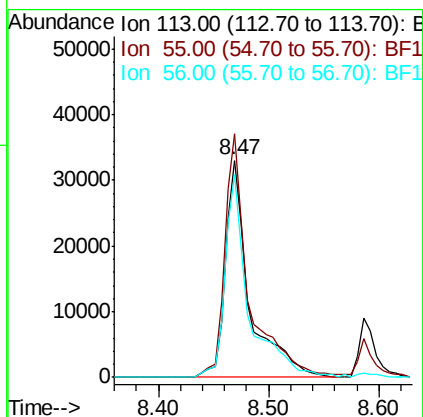
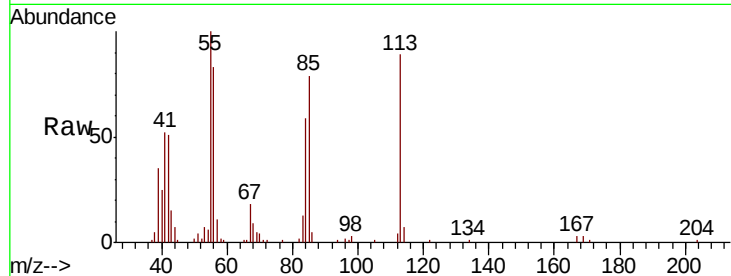
#35
 Caprolactam
 Concen: 24.571 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :
 MC5B39MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	112.3	95.7	135.7
56	93.8	73.1	113.1

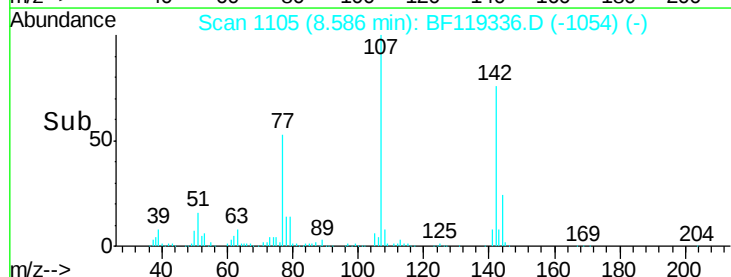
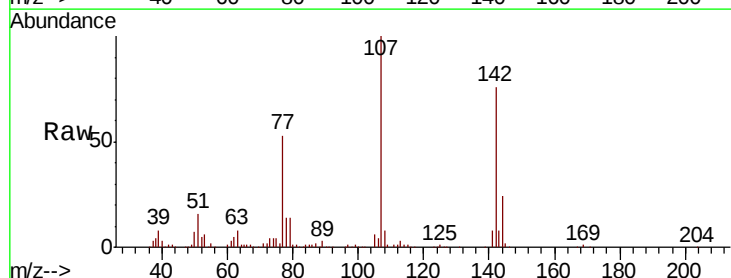
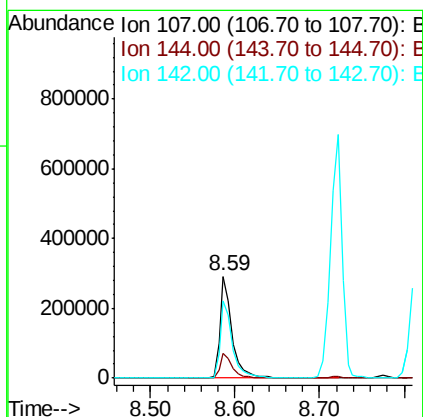
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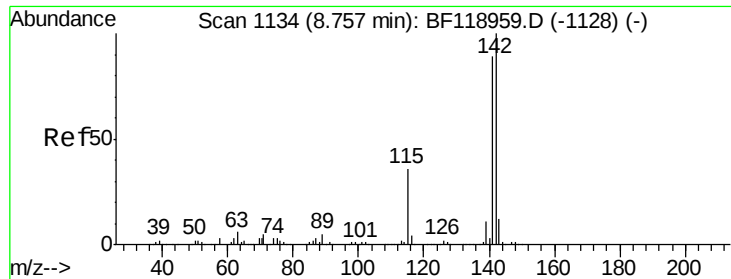
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 43.684 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.1	30.1
142	75.9	61.4	92.2





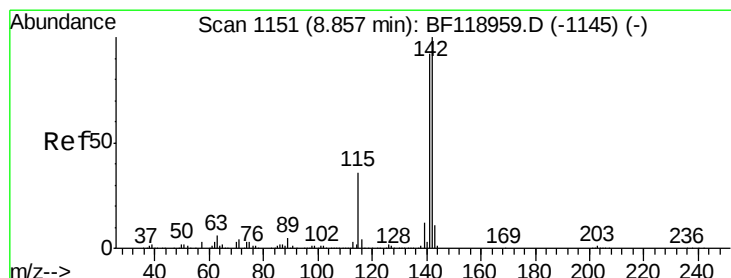
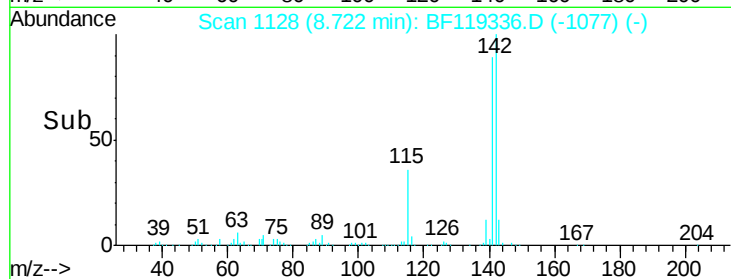
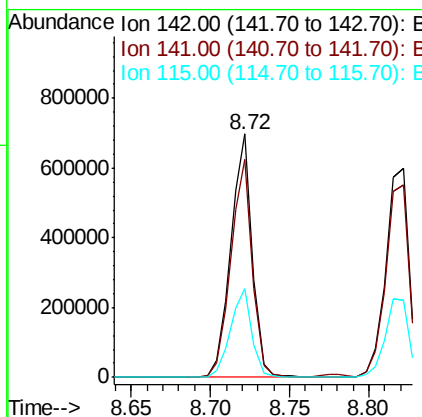
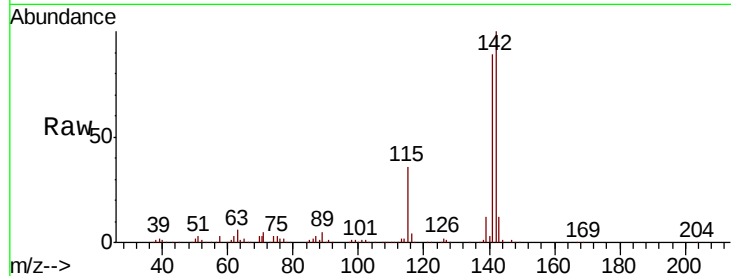
#37
2-Methylnaphthalene
Concen: 44.012 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.3	108.5
115	36.3	30.6	45.8

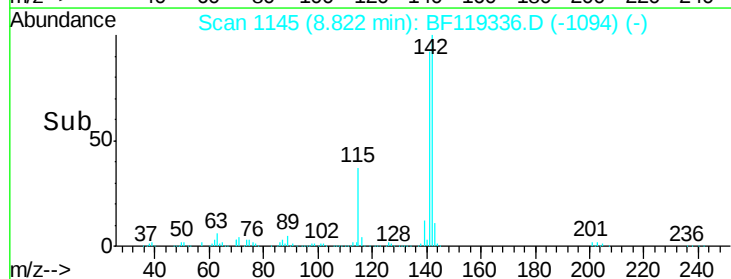
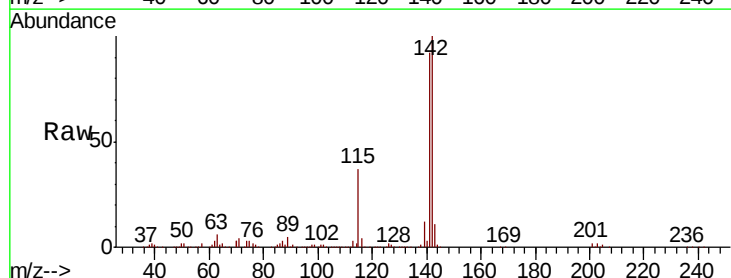
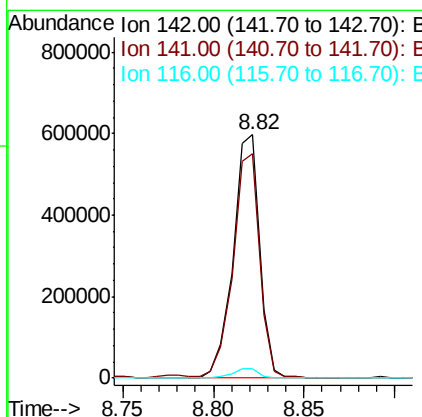
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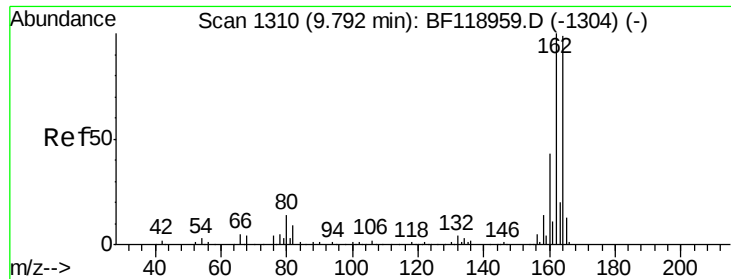
mohammad
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#38
1-Methylnaphthalene
Concen: 43.667 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	75.8	113.6
116	3.7	3.1	4.7





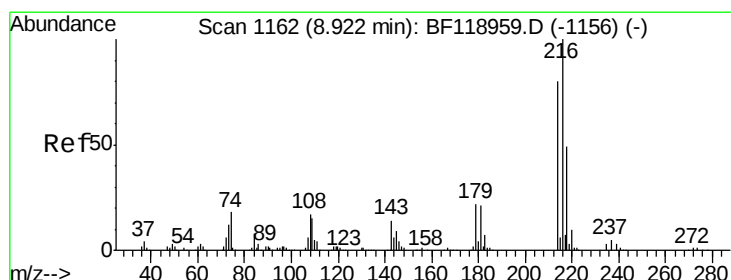
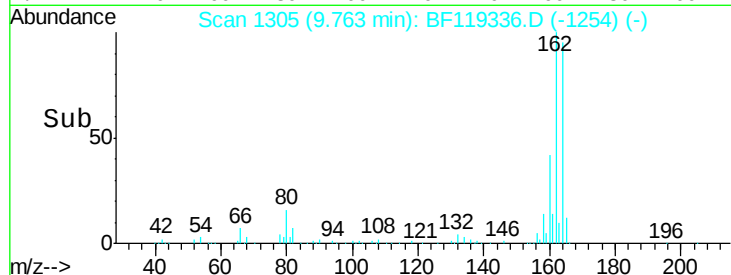
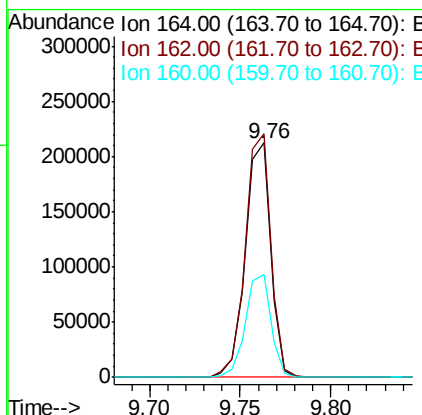
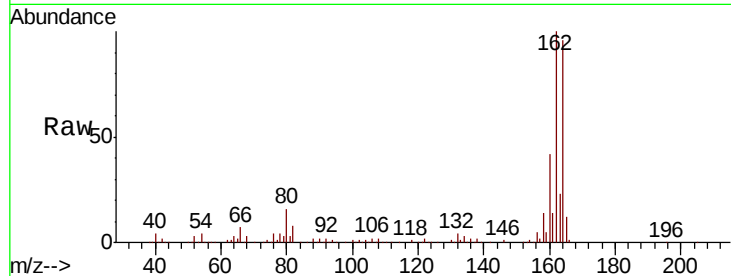
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :
 MC5B39MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.8	122.8
160	44.0	36.0	54.0

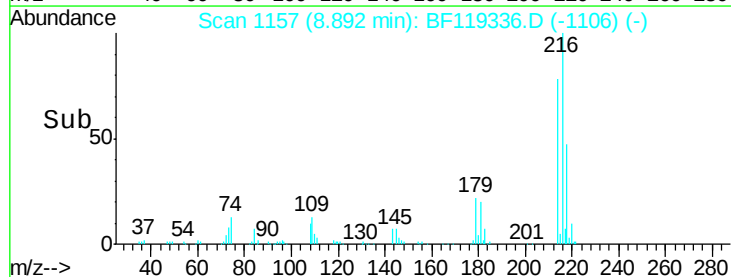
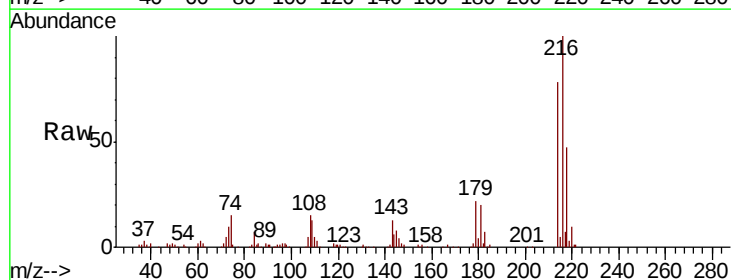
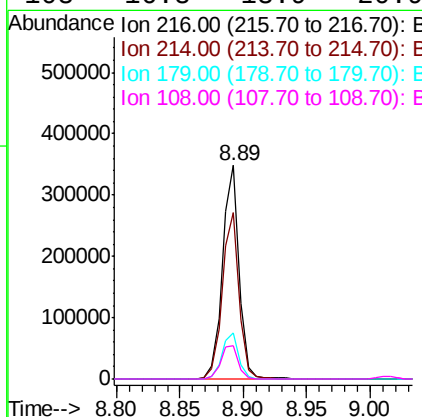
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.819 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.3	94.9
179	21.8	17.7	26.5
108	16.8	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 11.159 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

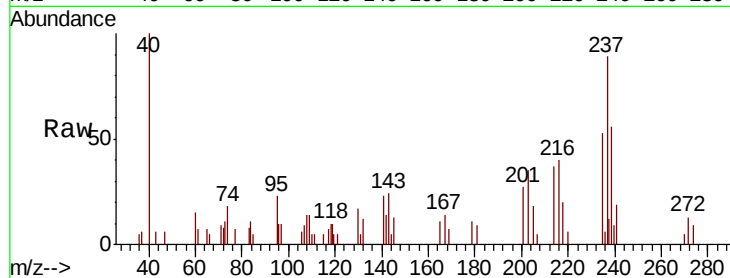
ClientSampleId :

MC5B39MS

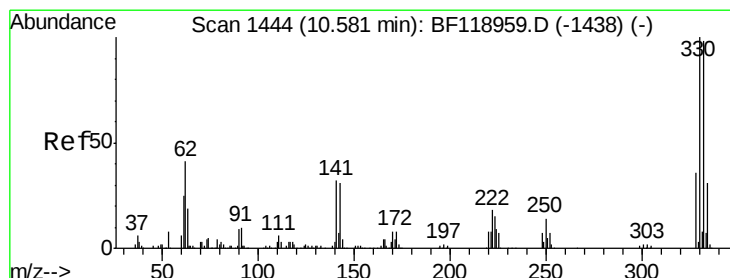
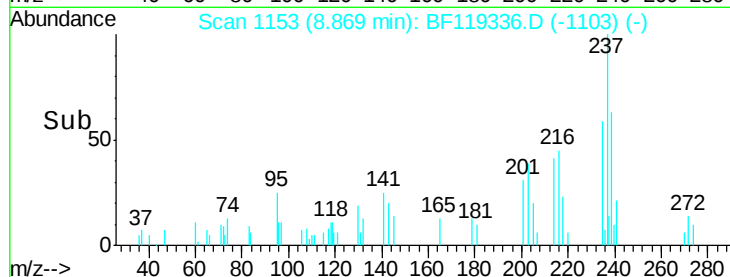
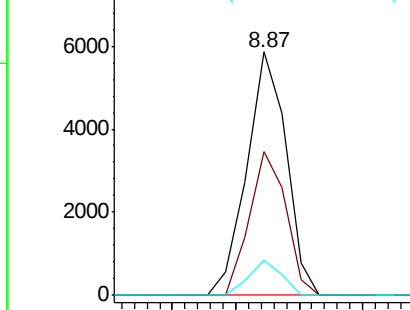
Tot Ion:	237	Resp:	5050
Ion Ratio	Lower	Upper	
237	100		
235	59.3	42.3	82.3
272	14.1	0.0	33.5

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



#42

2,4,6-Tribromophenol

Concen: 103.539 ng

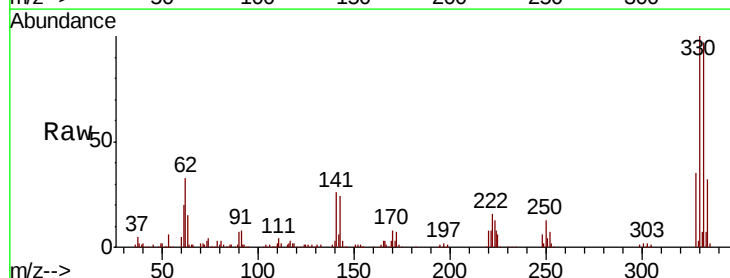
RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

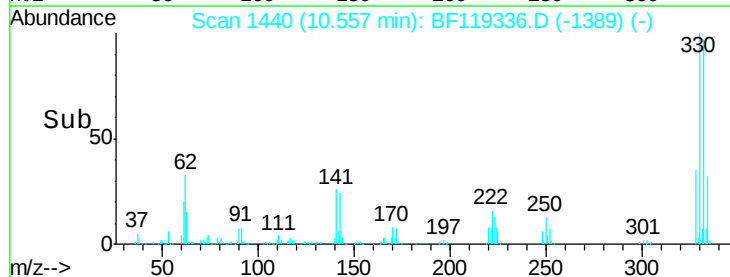
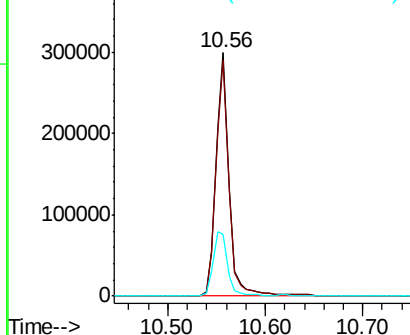
Lab File: BF119336.D

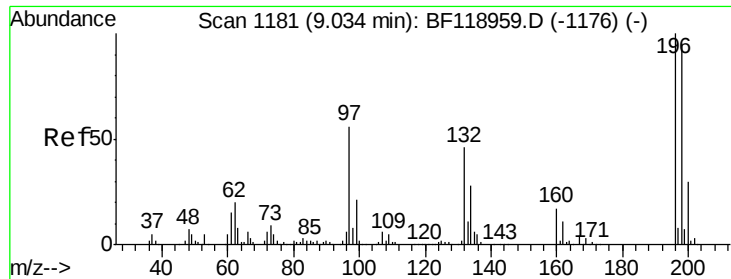
Acq: 11 Mar 2020 6:00

Tgt Ion:	330	Resp:	278784
Ion Ratio	Lower	Upper	
330	100		
332	97.7	76.0	114.0
141	29.6	22.9	34.3



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





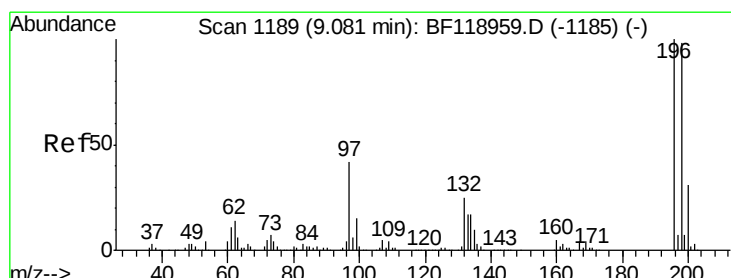
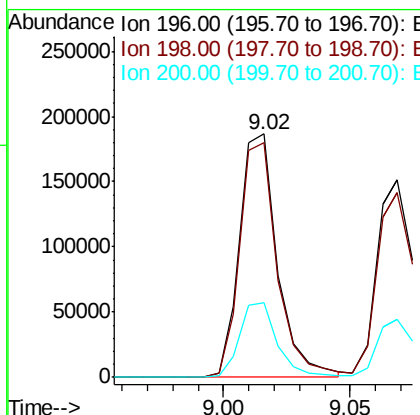
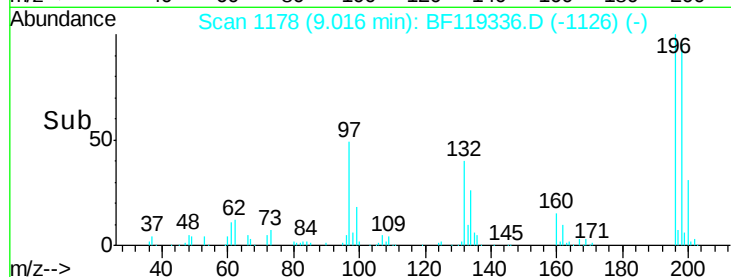
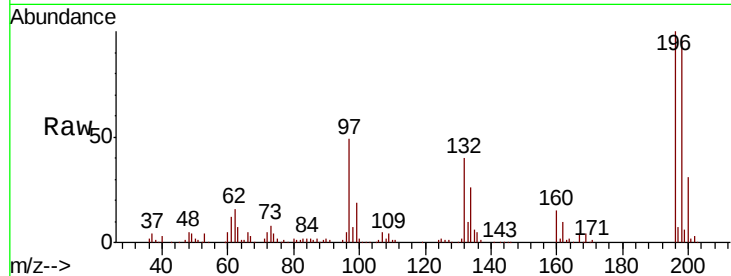
#43
 2,4,6-Trichlorophenol
 Concen: 44.151 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :
 MC5B39MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	193482		
198	96.2	77.1	115.7	
200	30.8	25.0	37.6	

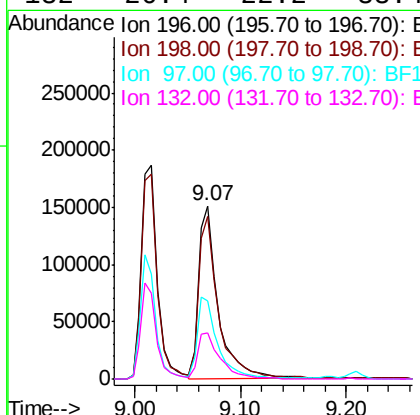
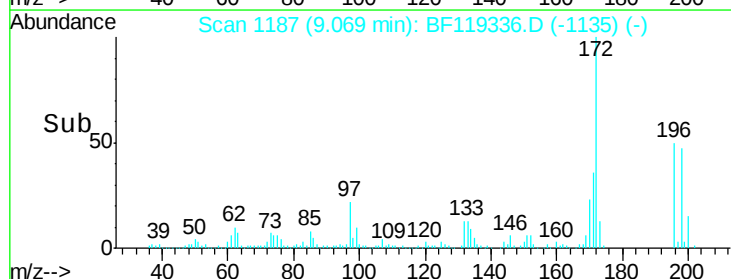
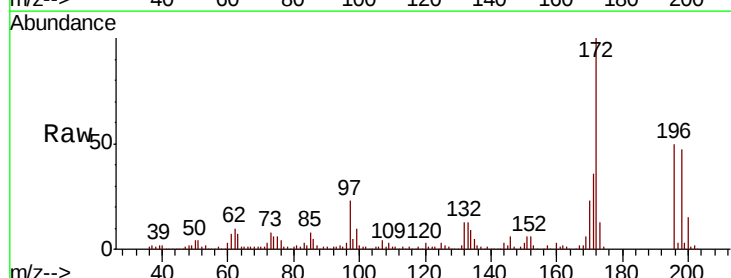
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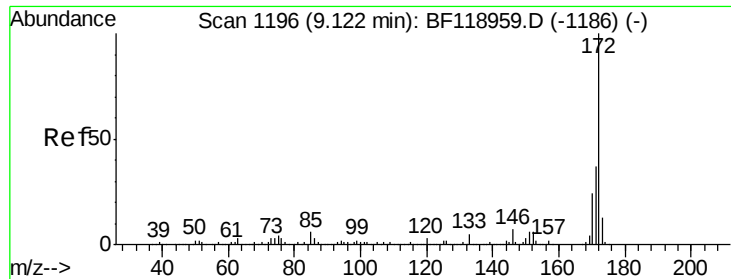
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.472 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	190712		
198	94.0	76.8	115.2	
97	45.5	38.5	57.7	
132	26.4	22.2	33.4	





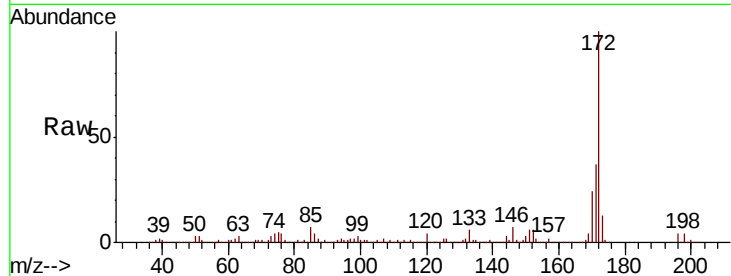
#45
2-Fluorobiphenyl
Concen: 93.307 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

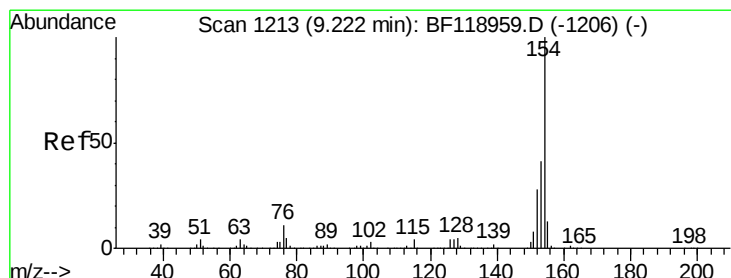
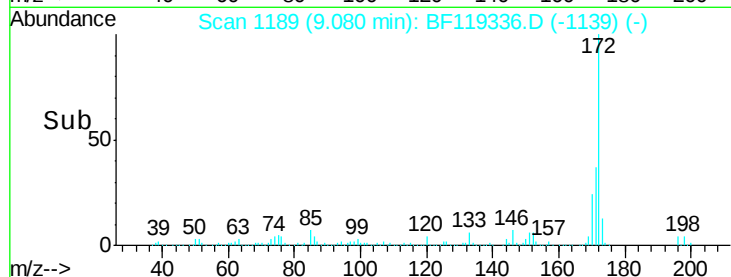
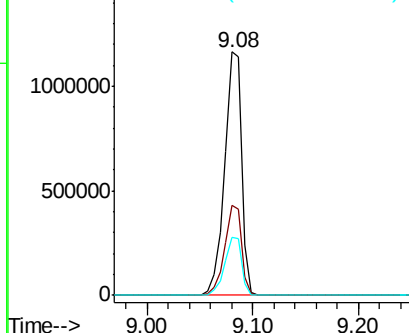
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	23.9	20.2	30.2

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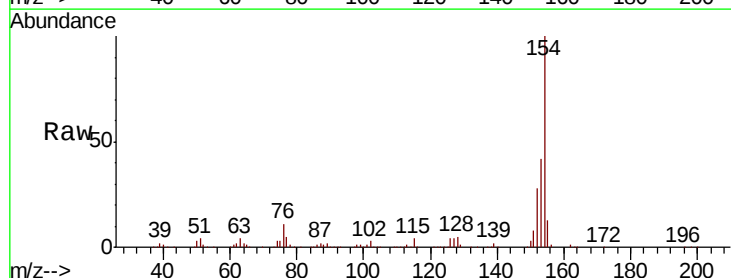


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

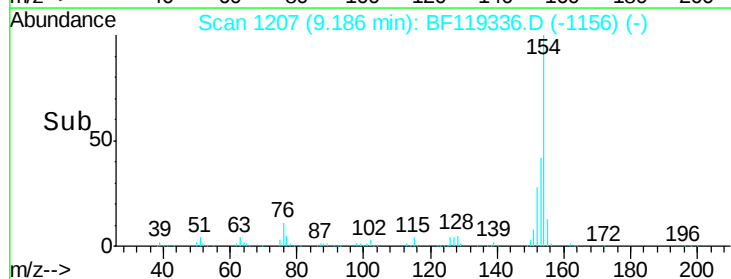
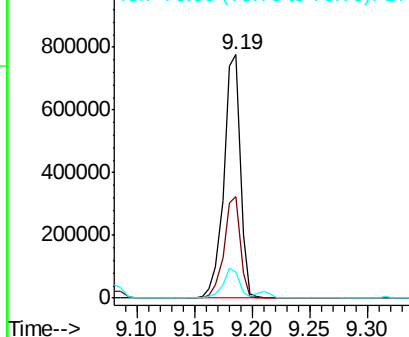


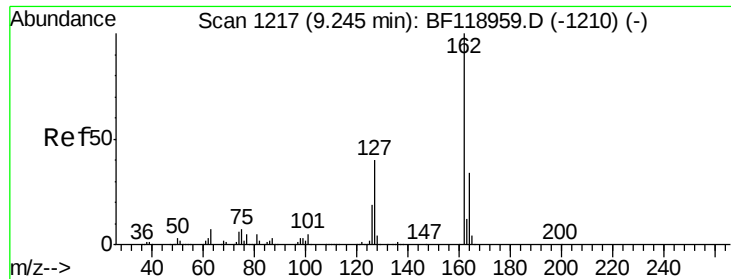
#46
1,1'-Biphenyl
Concen: 46.486 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.8	62.8
76	10.8	0.0	32.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





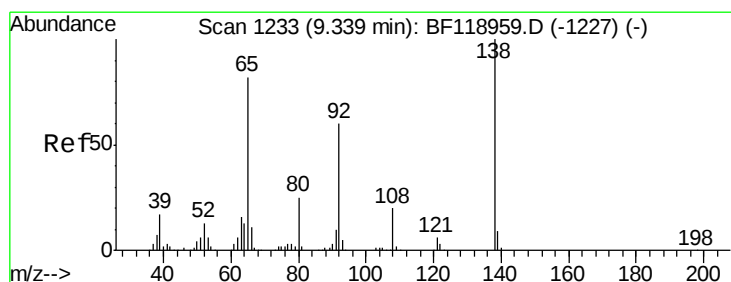
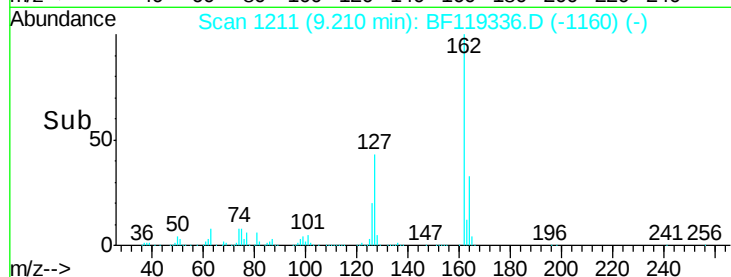
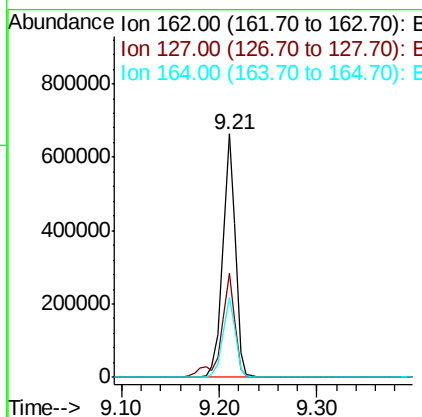
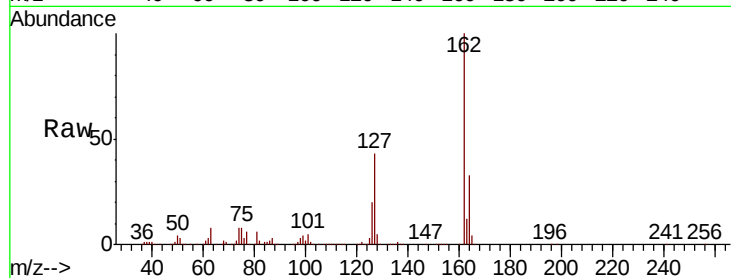
#47
2-Chloronaphthalene
Concen: 44.364 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.6	35.0	52.4
164	33.0	27.2	40.8

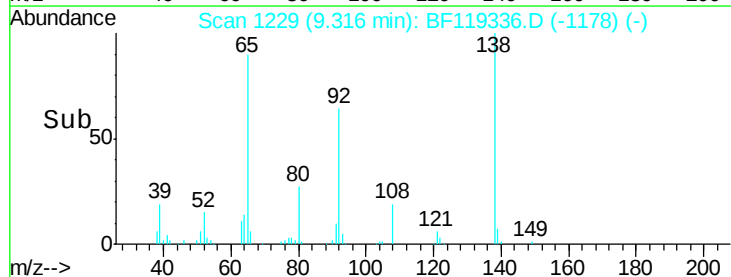
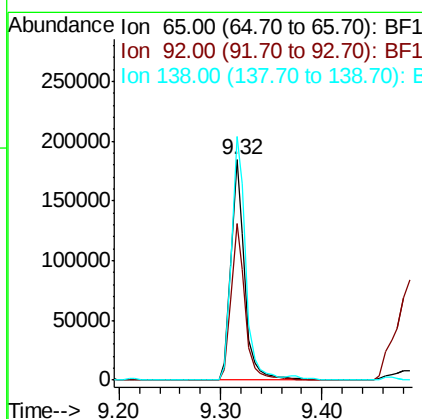
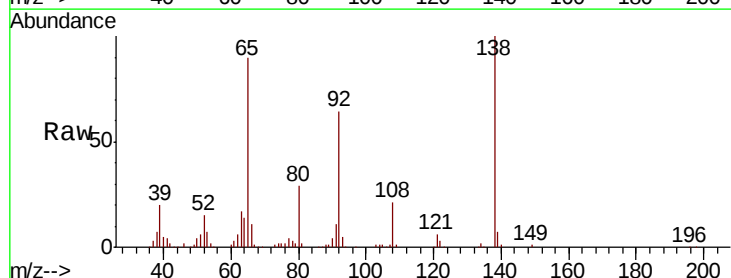
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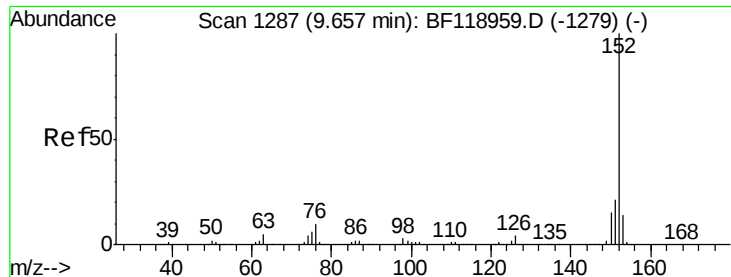
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#48
2-Nitroaniline
Concen: 46.869 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	58.2	87.2
138	110.6	95.6	143.4





#49

Acenaphthylene

Concen: 44.452 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

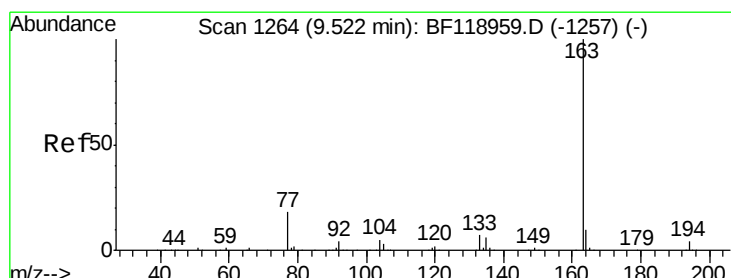
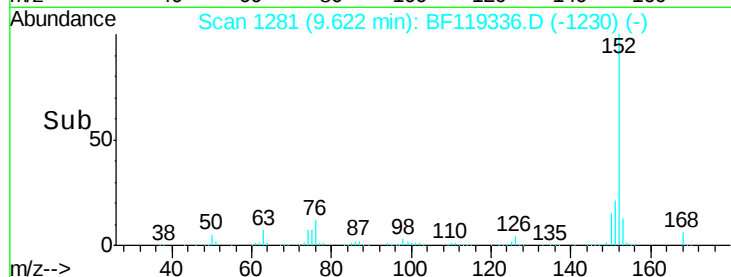
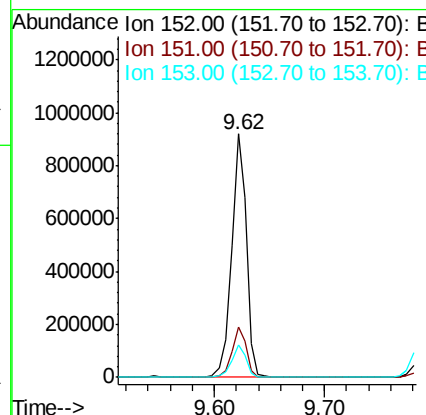
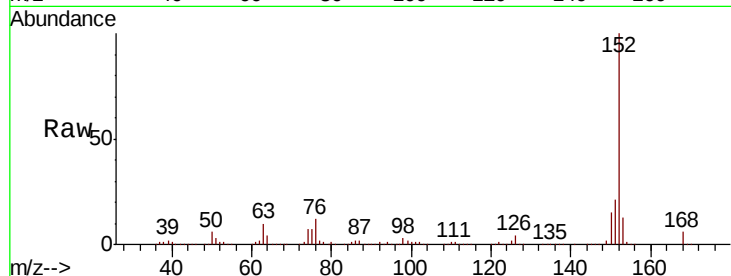
ClientSampleId :

MC5B39MS

Tot Ion:	152	Resp:	860646
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.9	25.3
153	13.5	11.0	16.6

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#50

Dimethylphthalate

Concen: 53.846 ng

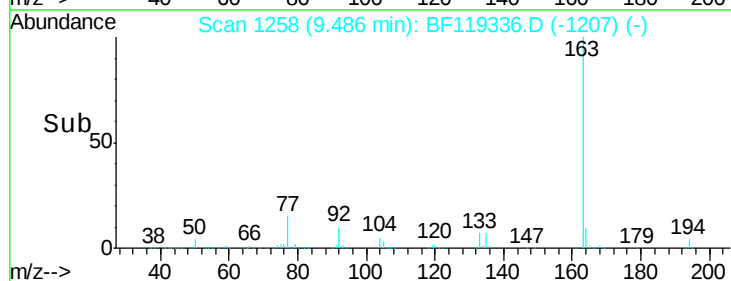
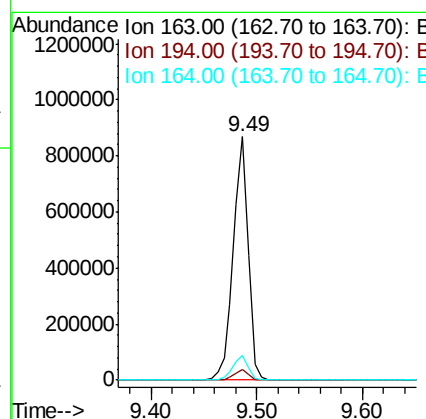
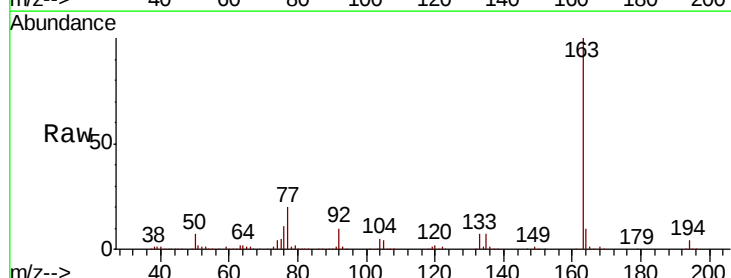
RT: 9.49 min Scan# 1258

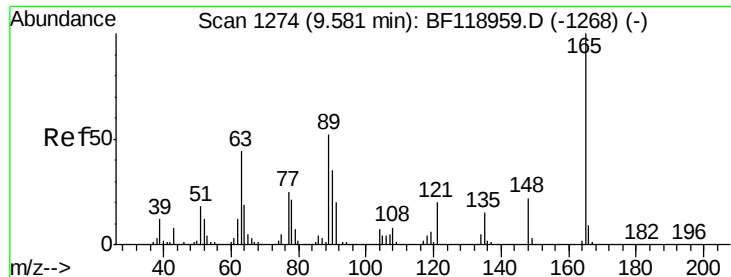
Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Tgt Ion:	163	Resp:	847484
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	9.9	8.4	12.6





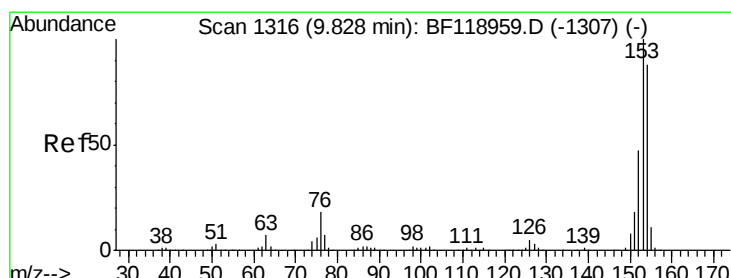
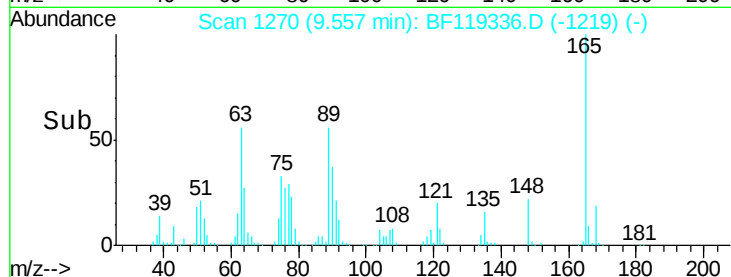
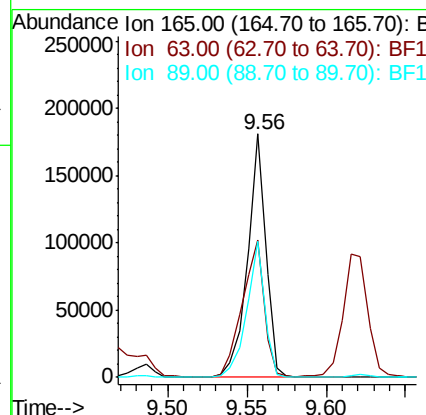
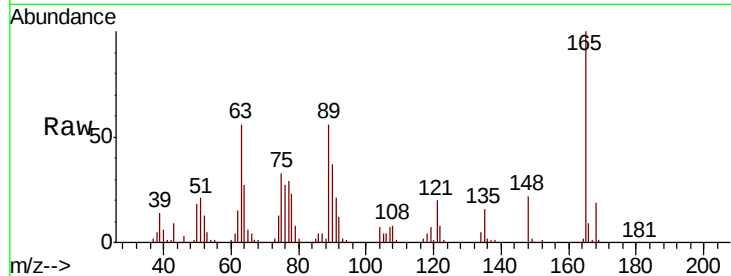
#51
 2,6-Dinitrotoluene
 Concen: 41.451 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :
 MC5B39MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	56.5	34.3	51.5#
89	55.9	38.3	57.5

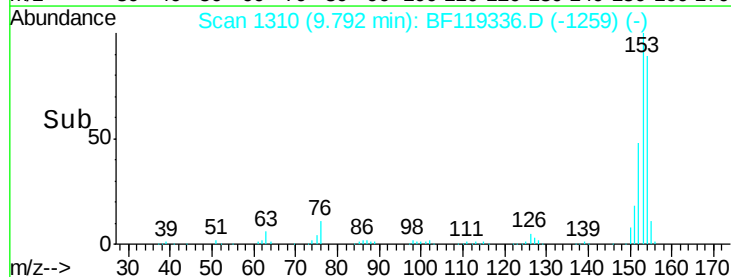
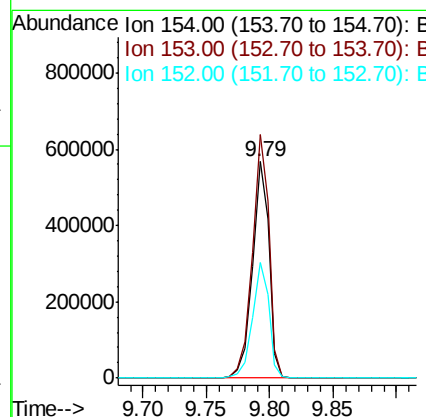
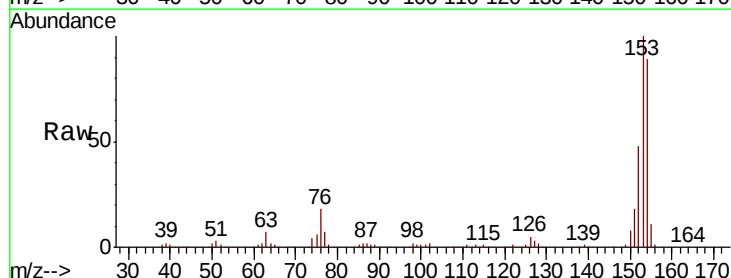
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#52
 Acenaphthene
 Concen: 44.252 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.5	90.3	135.5
152	53.6	43.8	65.8





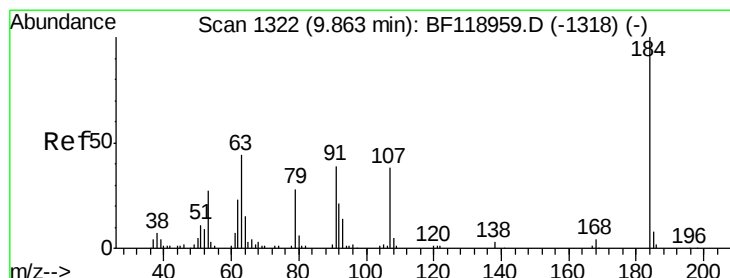
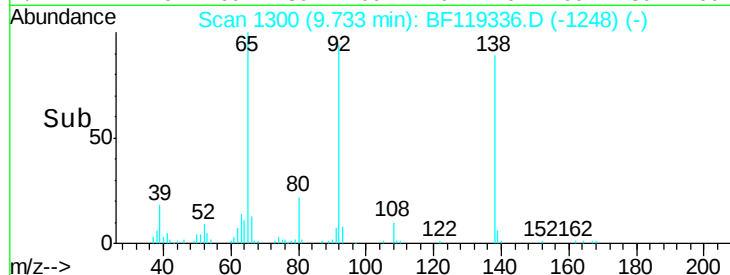
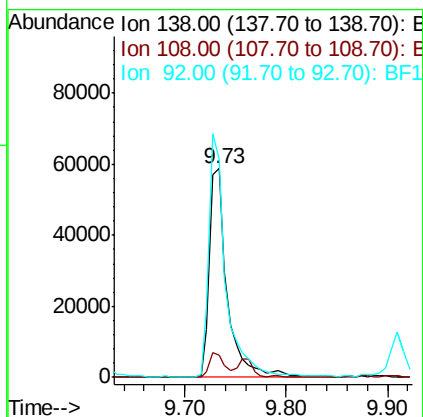
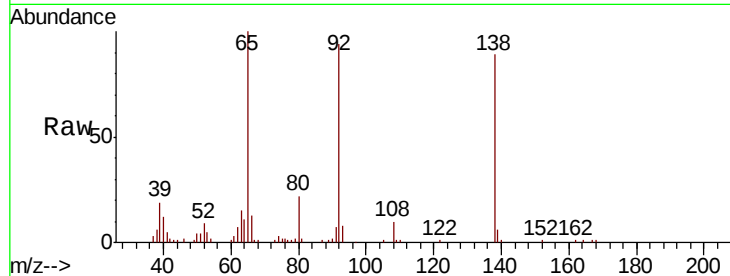
#53
3-Nitroaniline
Concen: 18.657 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.8	13.2
92	104.6	84.8	127.2

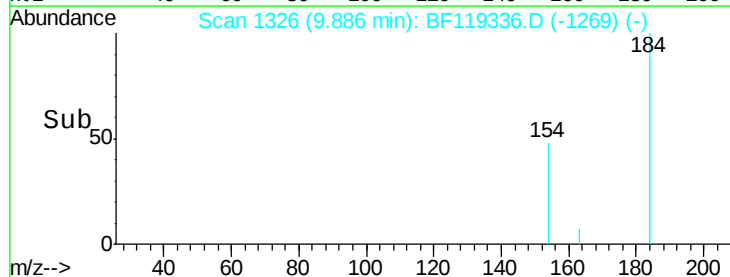
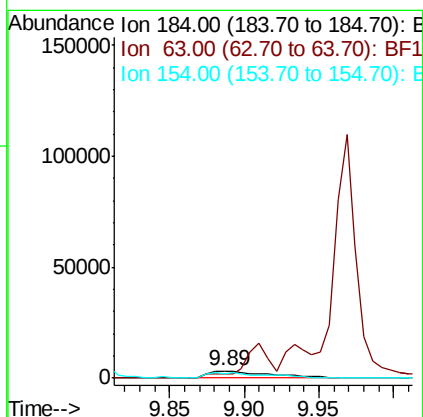
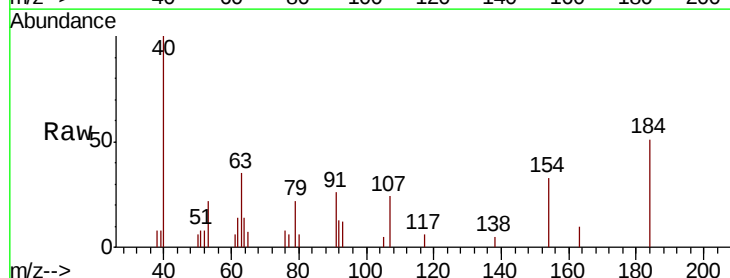
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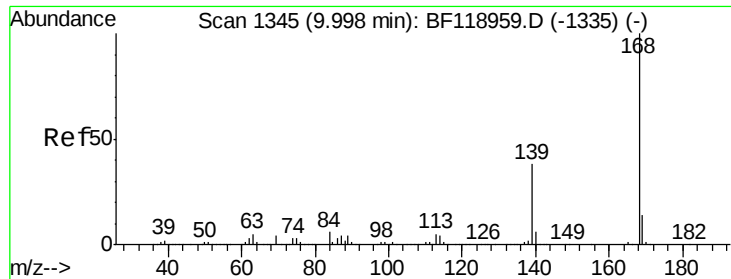
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#54
2,4-Dinitrophenol
Concen: 12.380 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.04 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.1	38.7	58.1#
154	65.1	49.7	74.5





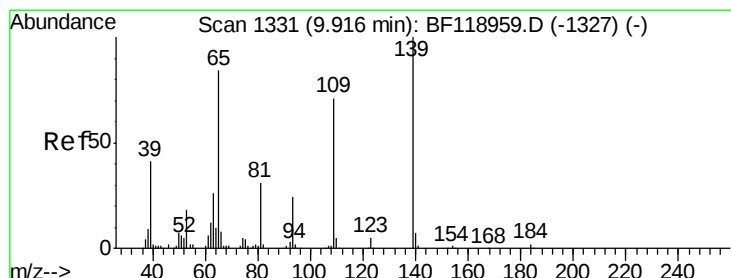
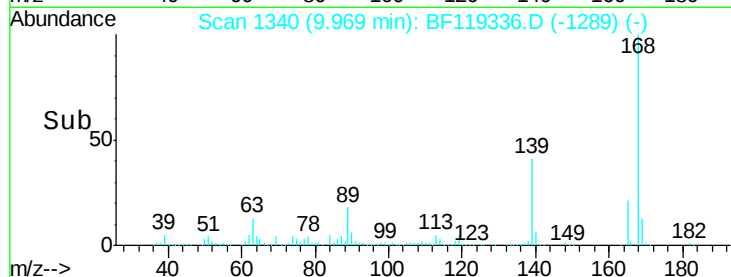
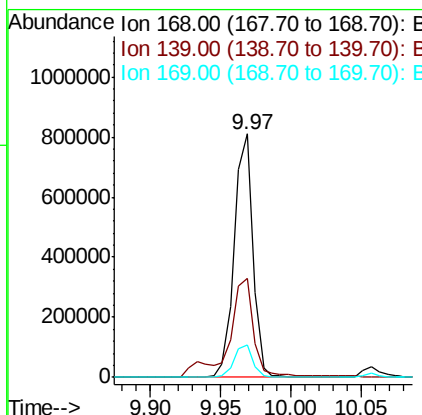
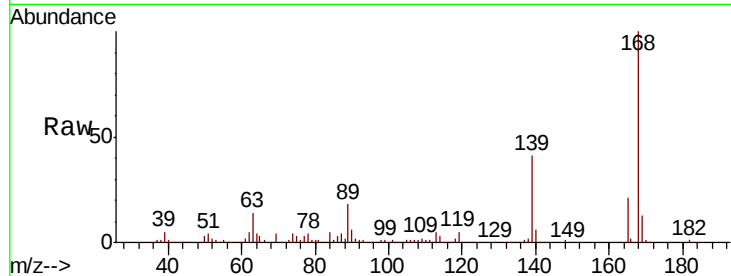
#55
Dibenzenofuran
Concen: 42.906 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampled :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	34.0	51.0
169	13.5	11.0	16.4

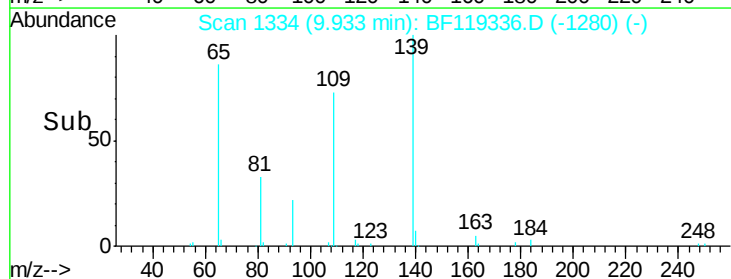
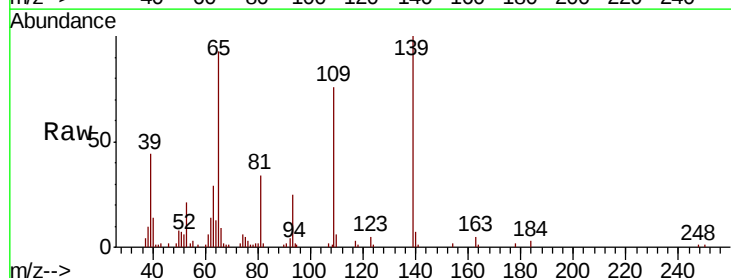
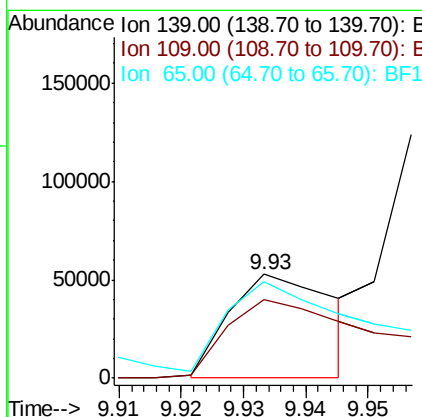
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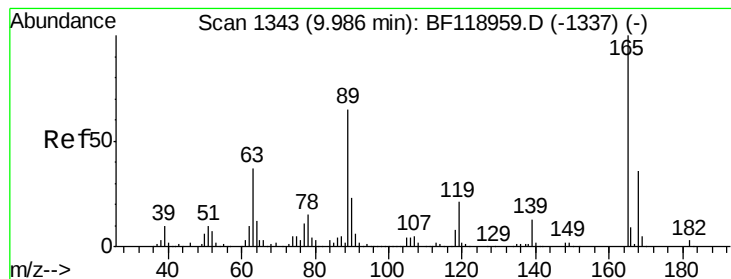
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#56
4-Nitrophenol
Concen: 26.135 ng m
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.1	56.7	96.7
65	93.2	65.0	105.0





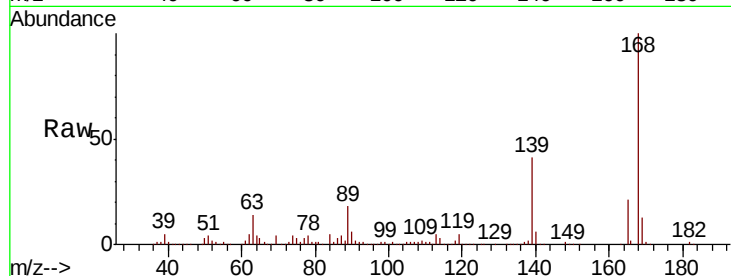
#57
2,4-Dinitrotoluene
Concen: 36.697 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

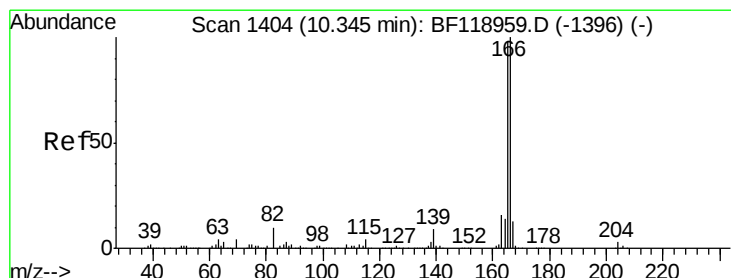
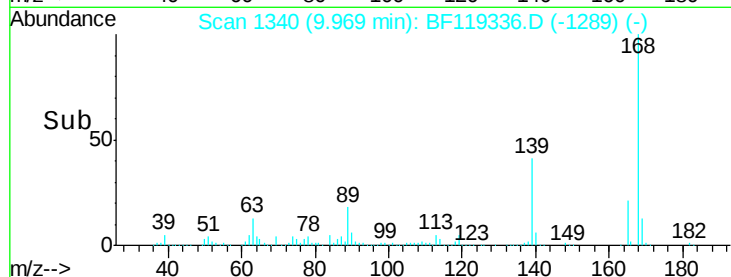
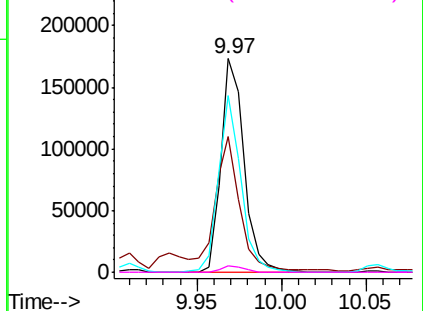
Tot Ion	Ratio	Resp	Lower	Upper
165	100	166327		
63	63.3	42.3	63.5	
89	82.9	60.2	90.4	
182	3.1	2.3	3.5	

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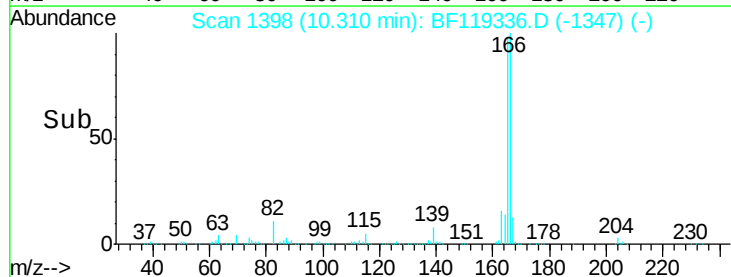
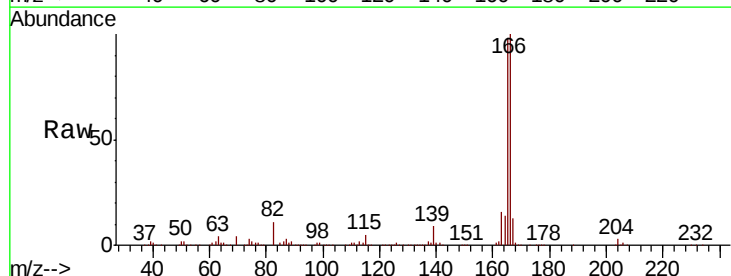
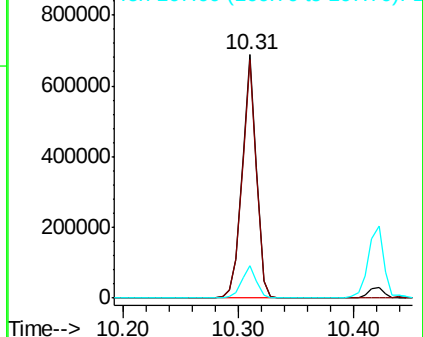
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

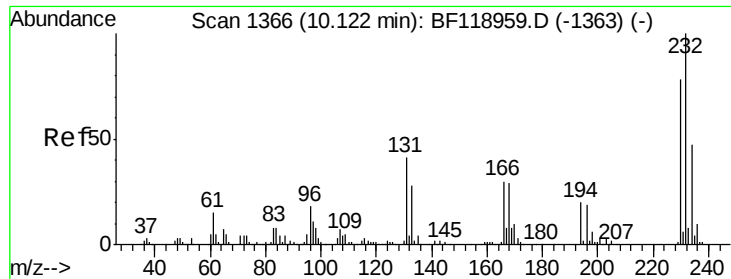


#58
Fluorene
Concen: 43.461 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	588483		
165	98.2	78.5	117.7	
167	13.3	11.0	16.4	

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





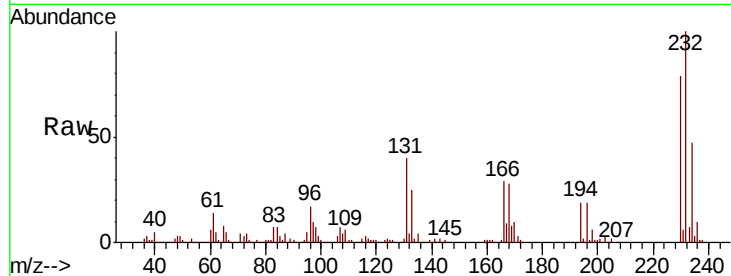
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.681 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :
 MC5B39MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	157855		
131	40.0	33.8	50.8	
130	2.2	1.8	2.6	
166	27.9	23.0	34.4	

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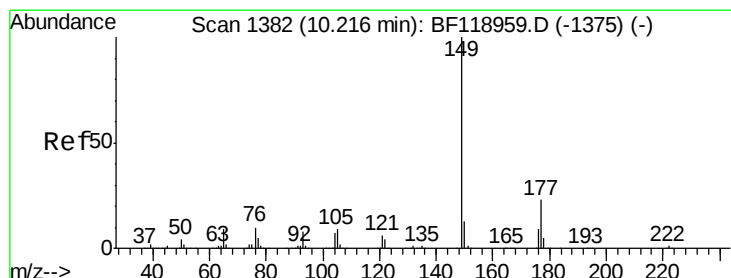
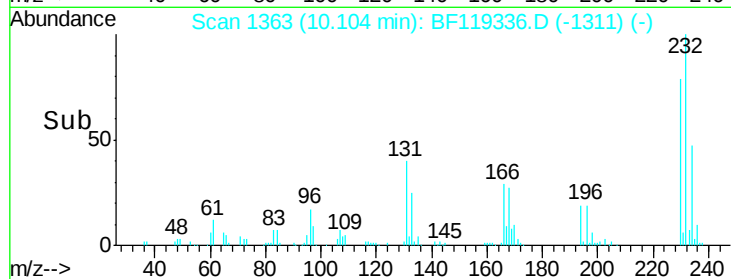
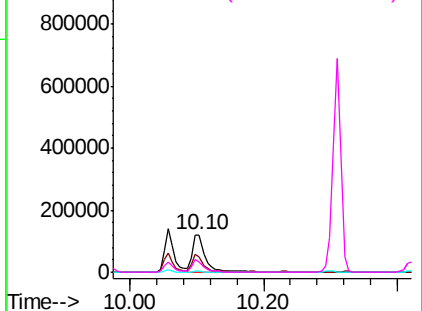
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

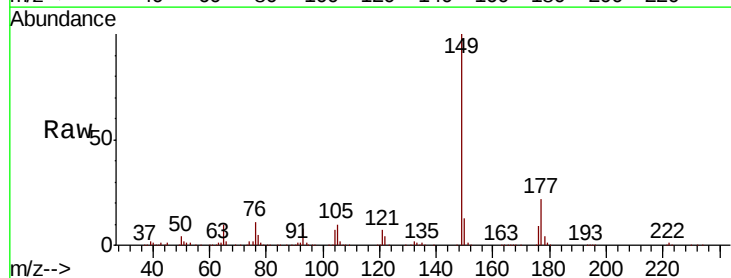
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.653 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	706803		
177	22.0	18.2	27.2	
150	12.7	10.5	15.7	

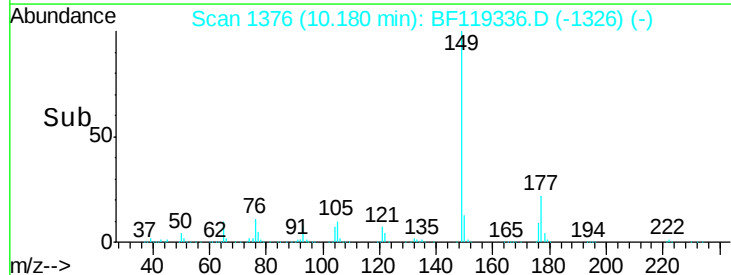
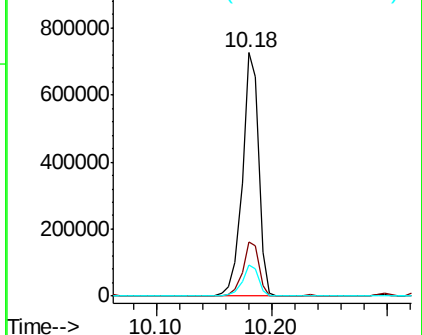


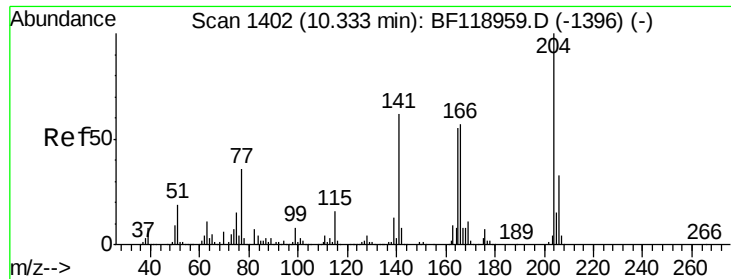
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





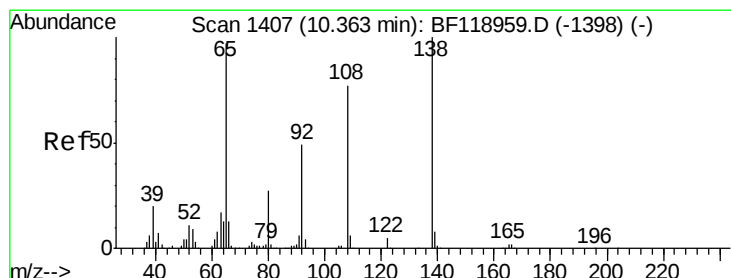
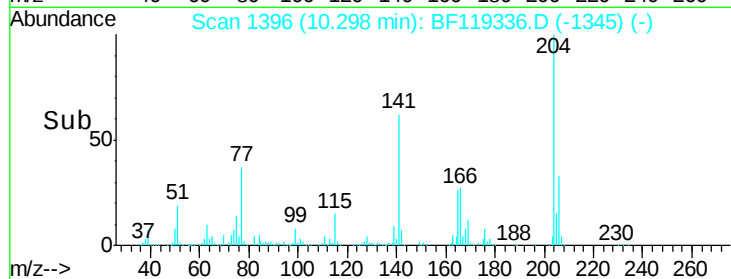
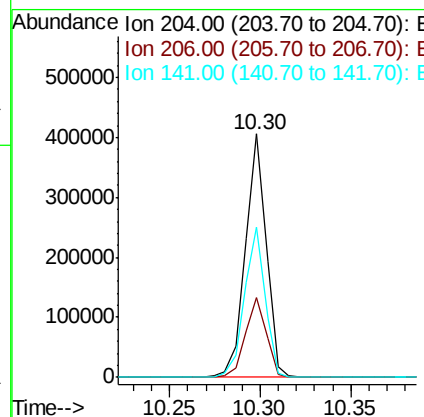
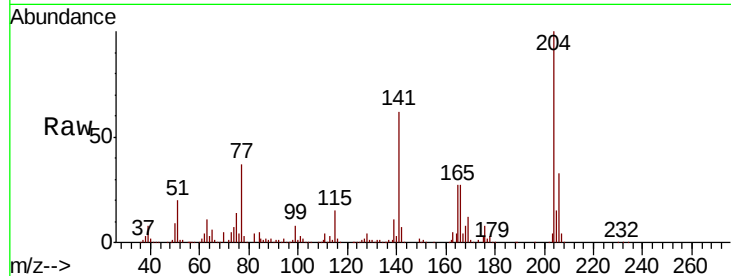
#61
4-Chlorophenyl-phenylether
Concen: 44.998 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampled :
MC5B39MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	322510		
206	33.0		27.1	40.7
141	61.7		52.9	79.3

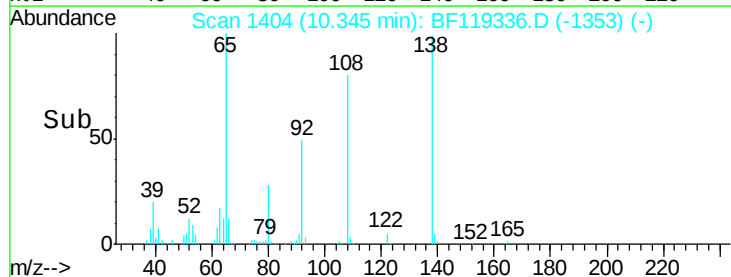
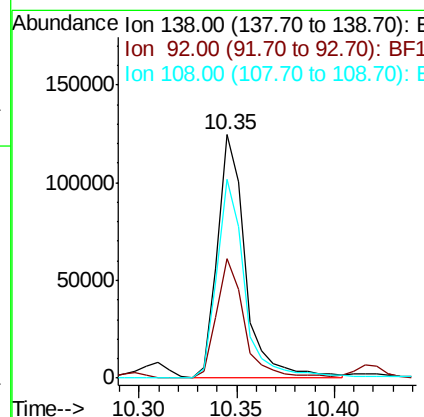
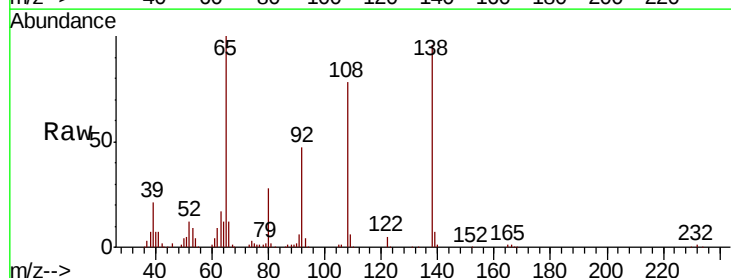
Manual Integrations
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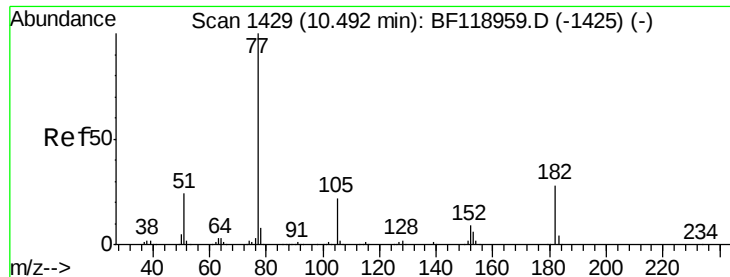
mohammad
3/11/2020 4:58:50 PM



#62
4-Nitroaniline
Concen: 31.479 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	124852		
92	49.2		27.3	67.3
108	81.5		57.0	97.0





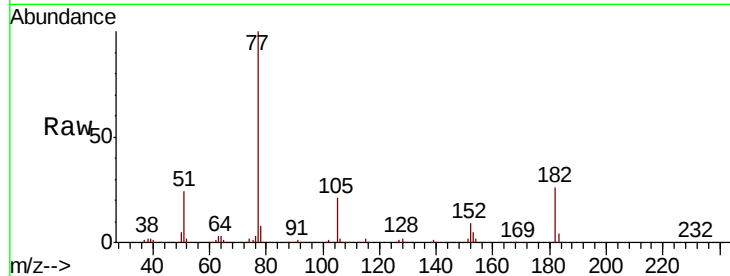
#63
Azobenzene
Concen: 44.335 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

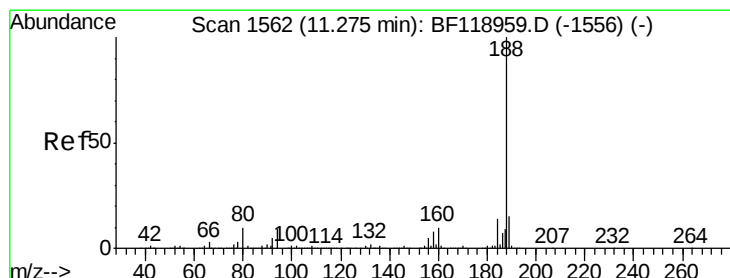
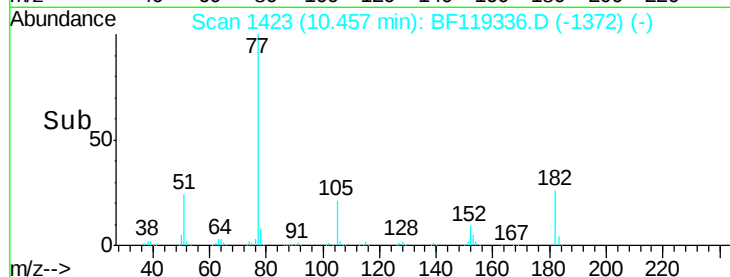
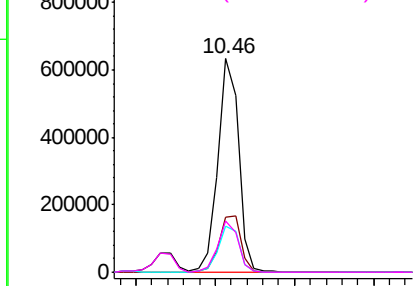
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.0	11.4	51.4
105	21.3	3.4	43.4
51	24.1	5.1	45.1

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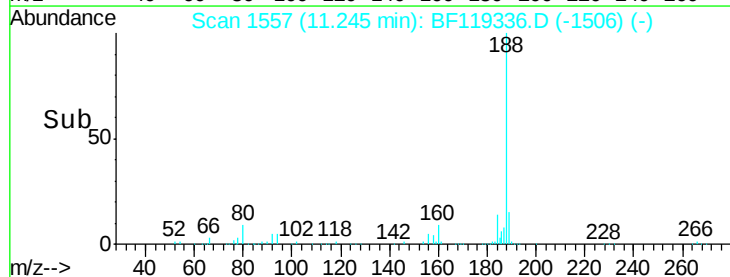
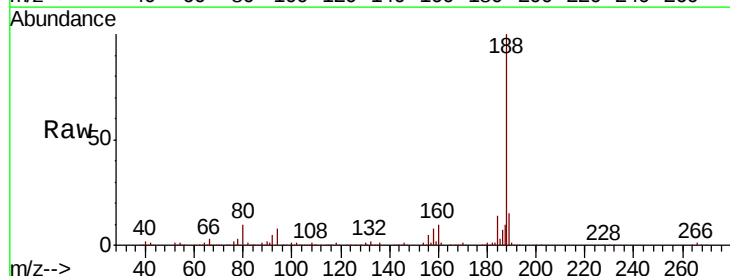
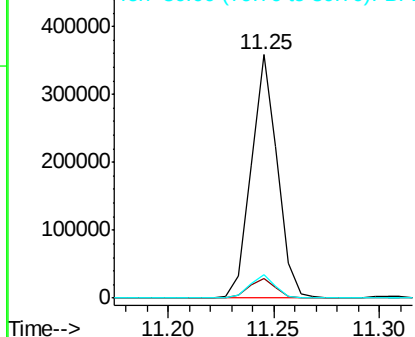
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

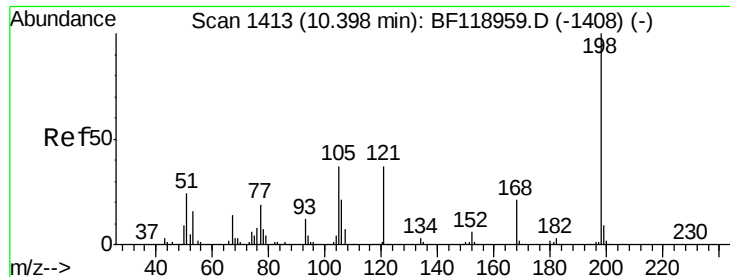


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	9.6	7.8	11.8

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





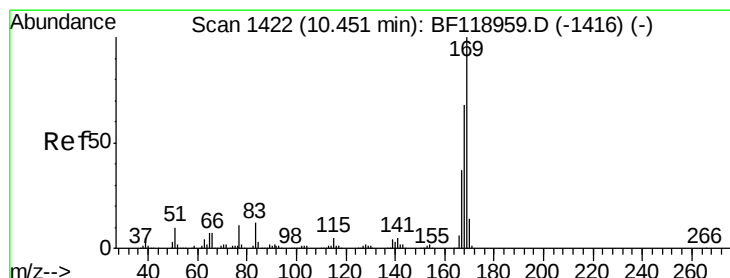
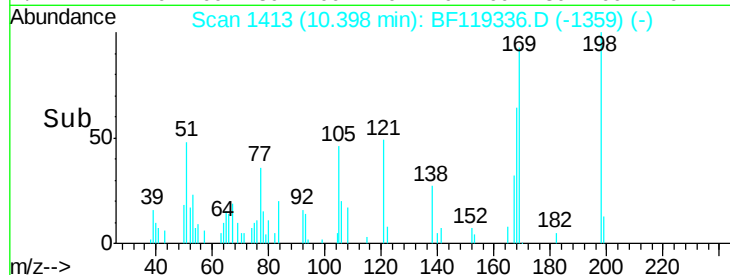
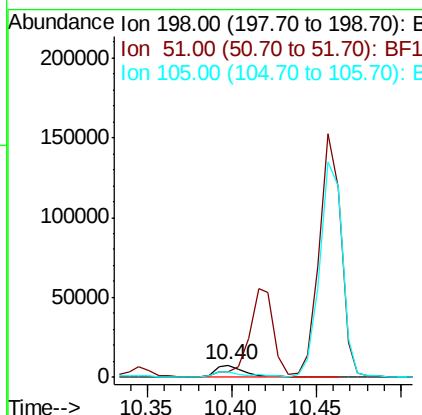
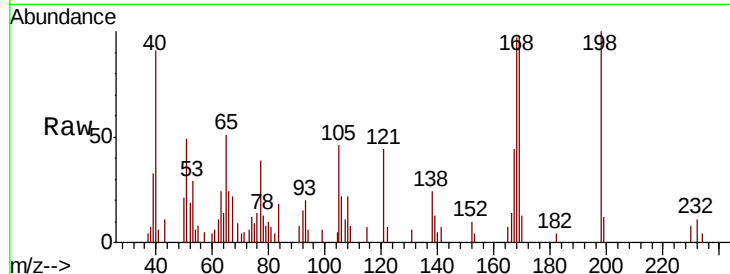
#65
4,6-Dinitro-2-methylphenol
Concen: 5.278 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.02 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.8	14.2	54.2
105	46.0	22.7	62.7

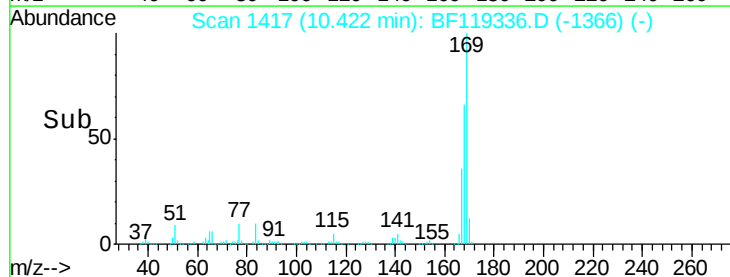
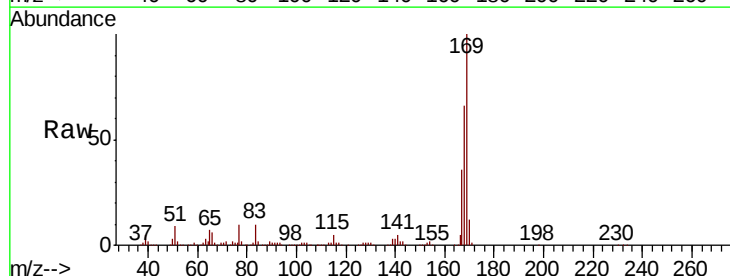
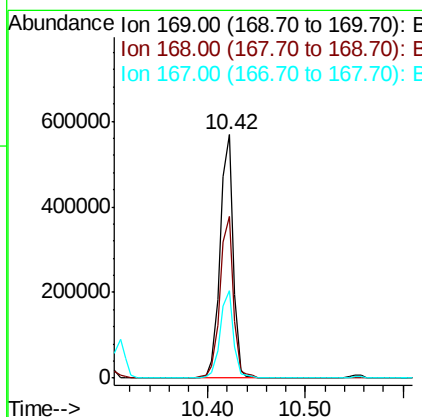
Manual Integrations
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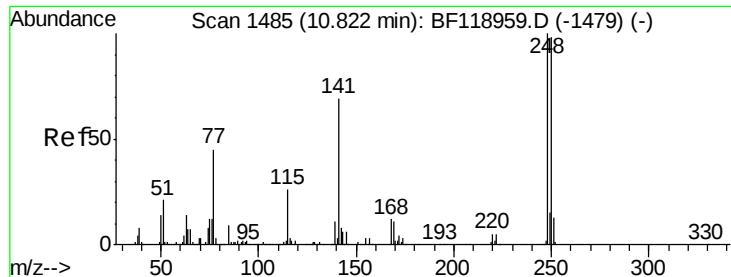
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 52.600 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	54.1	81.1
167	36.1	29.4	44.0





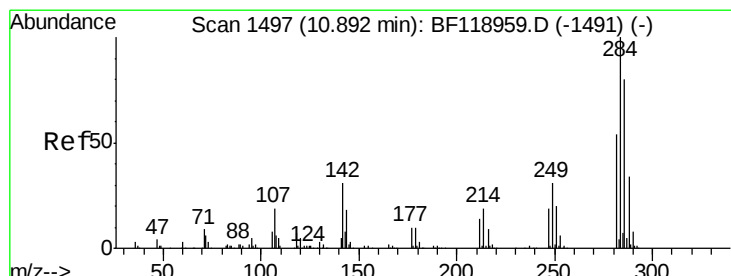
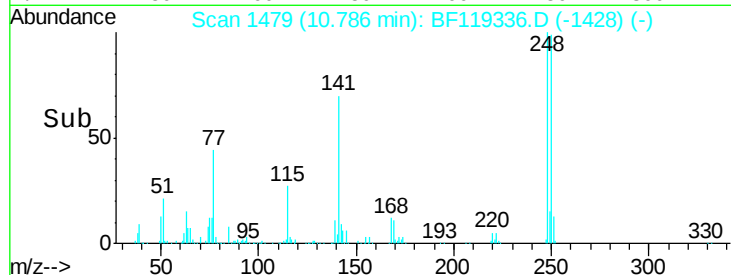
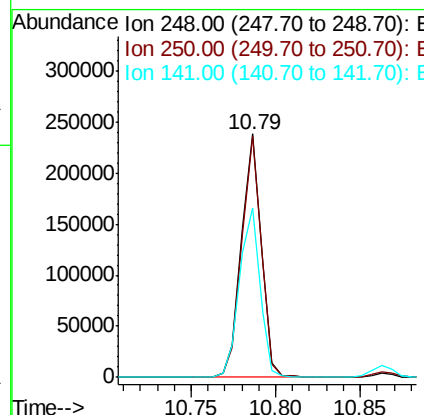
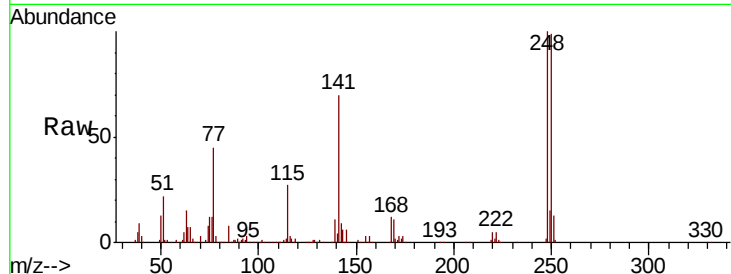
#67
4-Bromophenyl-phenylether
Concen: 48.342 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.7	115.1
141	69.8	60.7	91.1

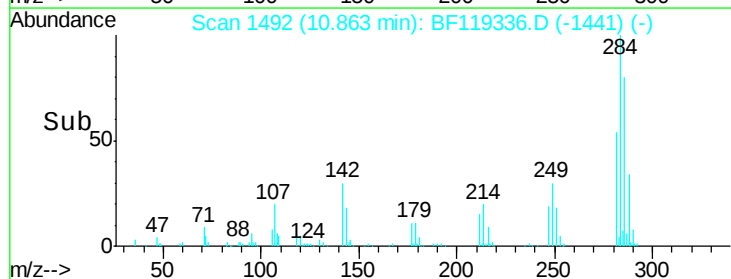
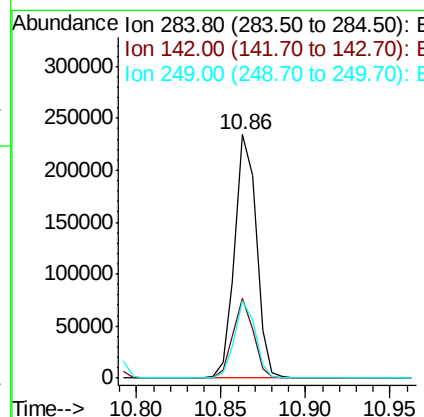
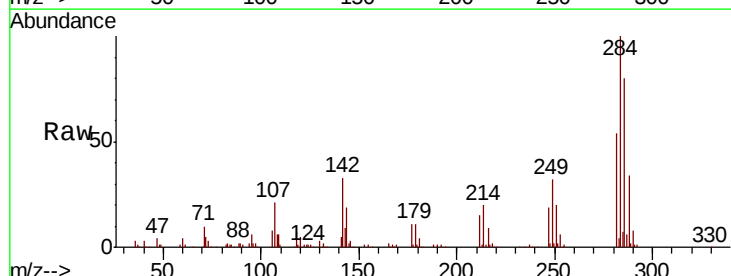
Manual Integrations
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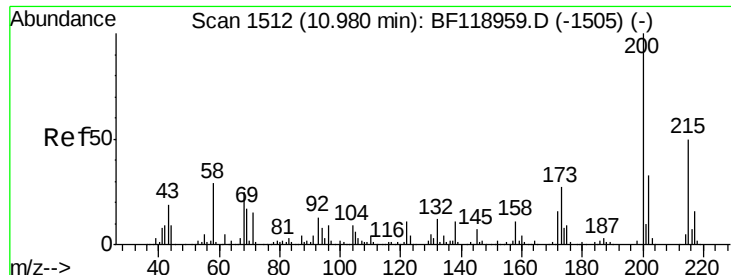
mohammad
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#68
Hexachlorobenzene
Concen: 45.139 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	23.7	35.5
249	31.6	25.0	37.6





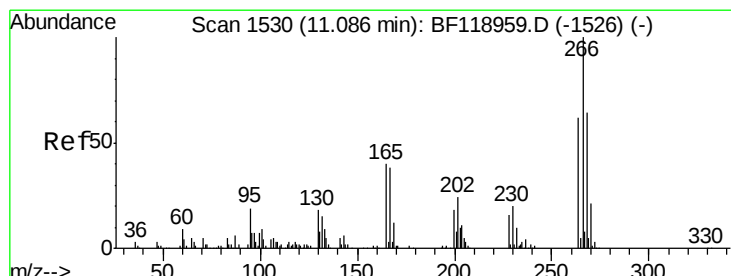
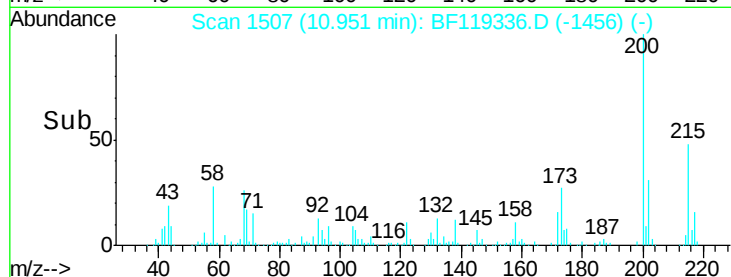
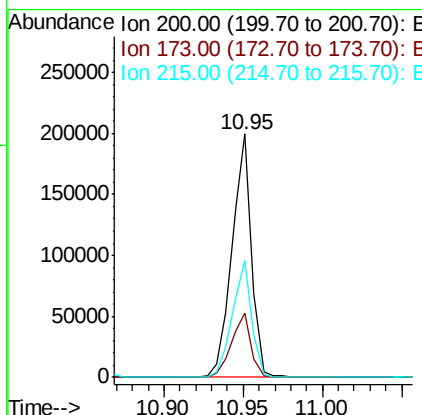
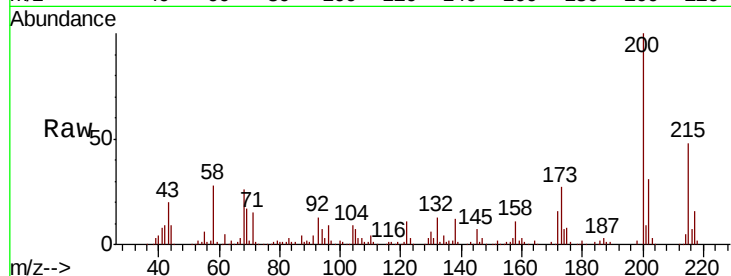
#69
Atrazine
Concen: 48.130 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.4	46.4
215	47.8	27.4	67.4

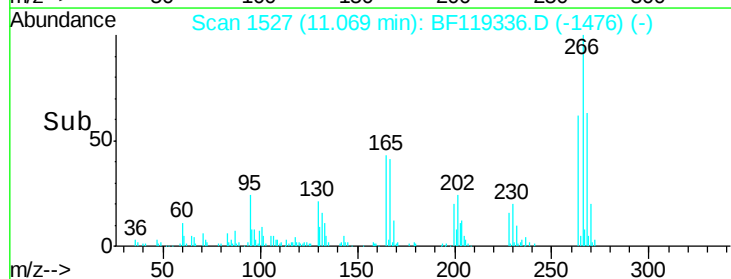
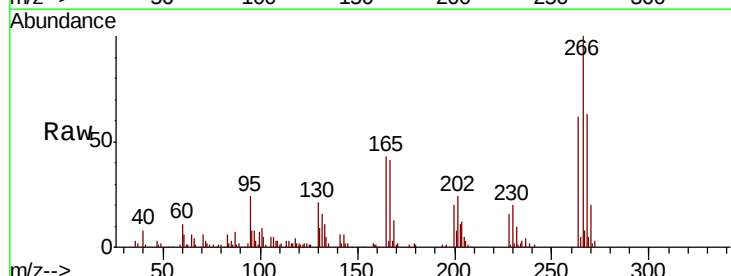
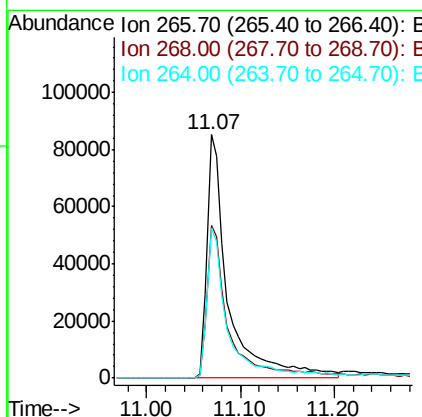
Manual Integrations
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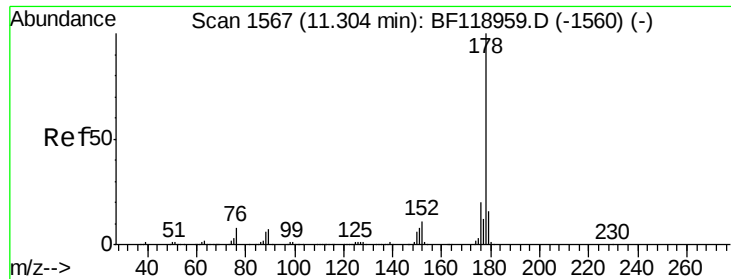
mohammad
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#70
Pentachlorophenol
Concen: 72.891 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.9	77.9
264	61.9	51.0	76.4





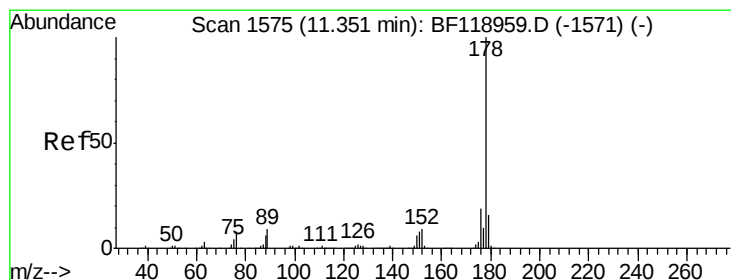
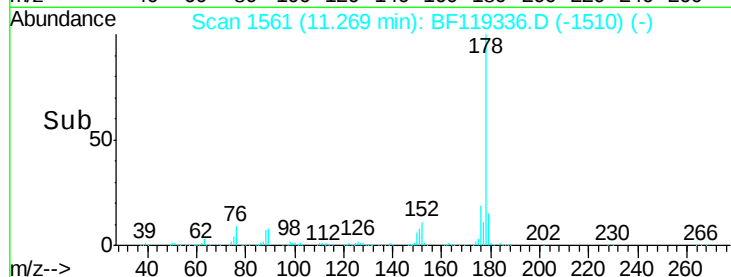
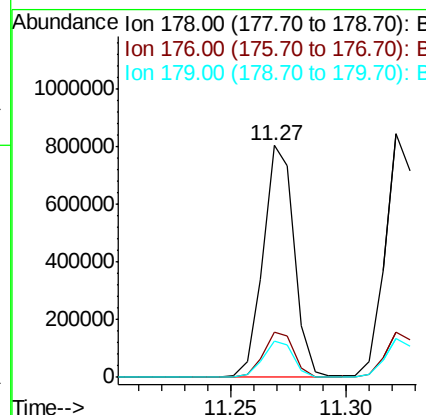
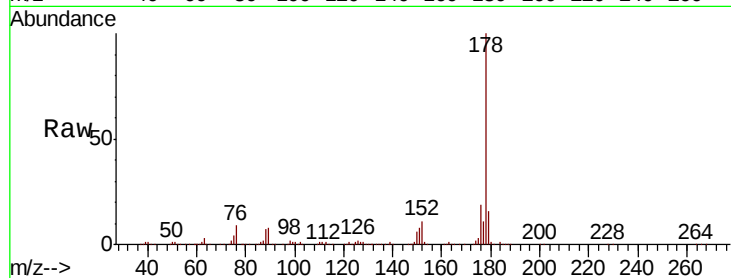
#71
Phenanthrene
Concen: 45.226 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.5	24.7
179	15.9	13.0	19.6

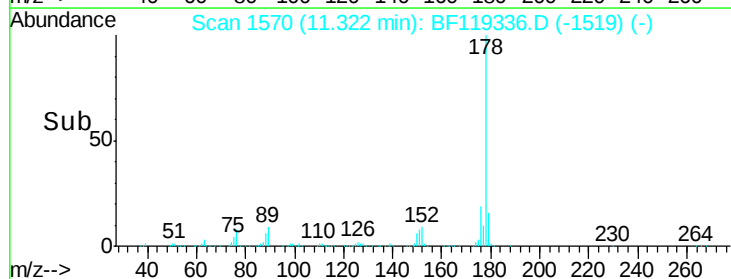
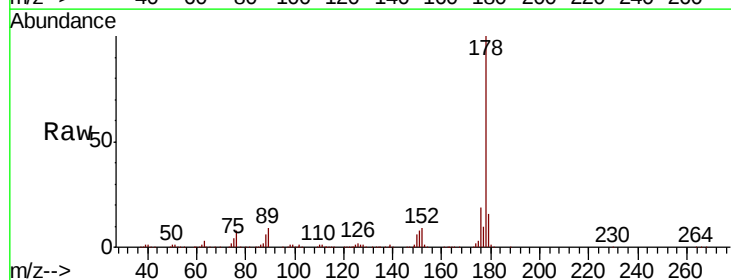
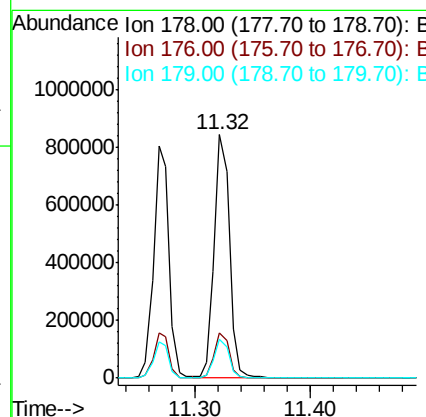
Manual Integrations
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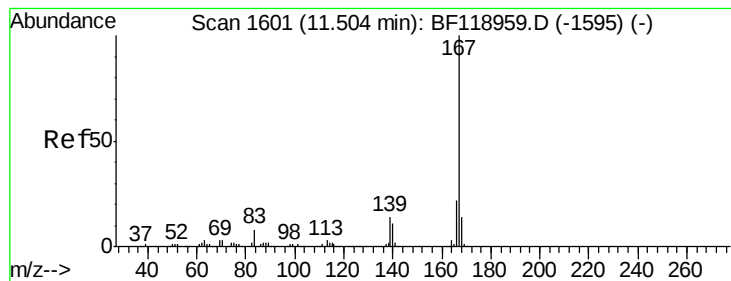
mohammad
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#72
Anthracene
Concen: 46.727 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	16.0	13.1	19.7





#73

Carbazole

Concen: 44.640 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

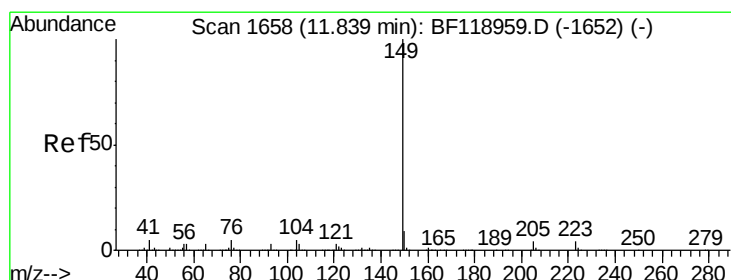
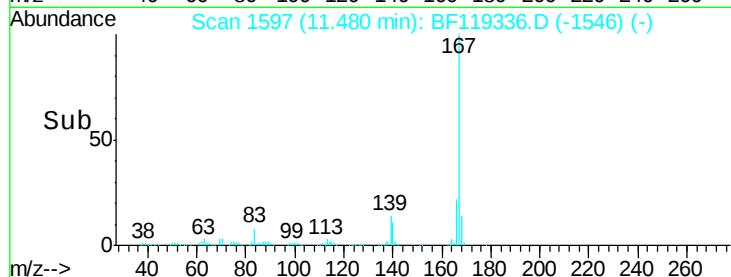
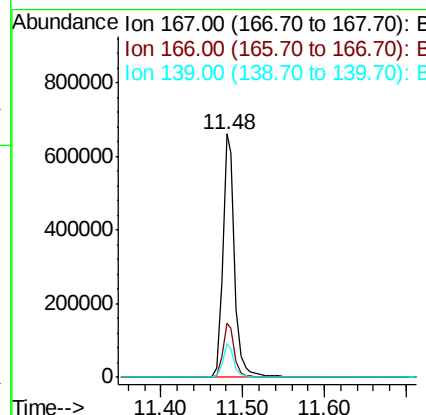
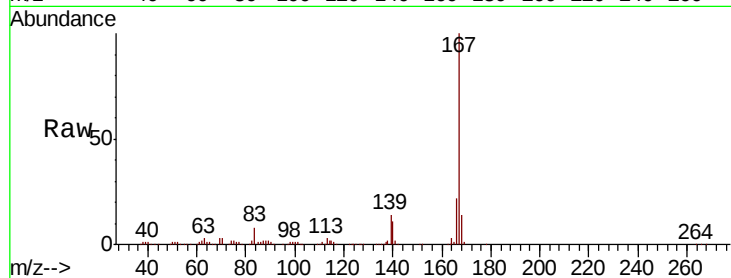
ClientSampleId :

MC5B39MS

Tot Ion:	167	Resp:	667077
Ion Ratio	Lower	Upper	
167	100		
166	22.2	18.2	27.4
139	13.9	11.7	17.5

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 54.799 ng

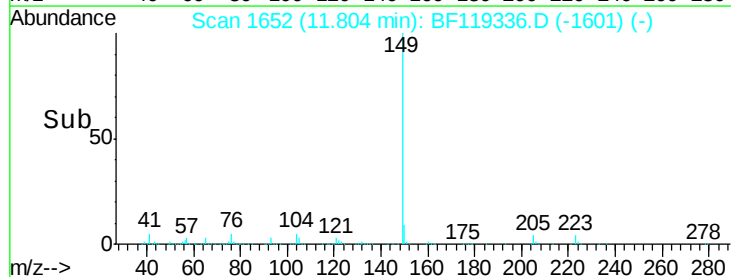
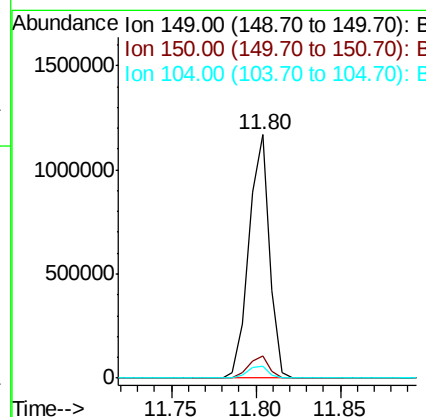
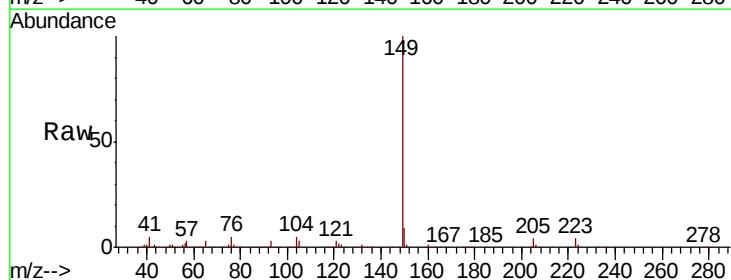
RT: 11.80 min Scan# 1652

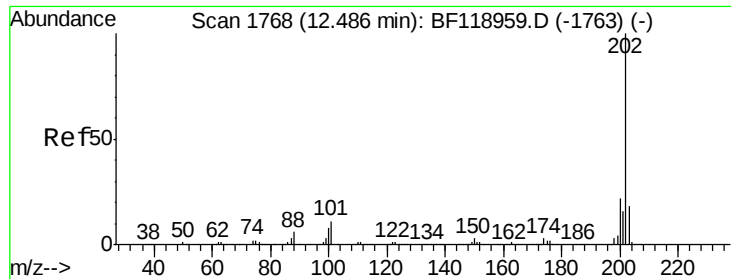
Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Tgt Ion:	149	Resp:	991680
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.9	11.9
104	5.2	4.6	6.8





#75

Fluoranthene

Concen: 43.806 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

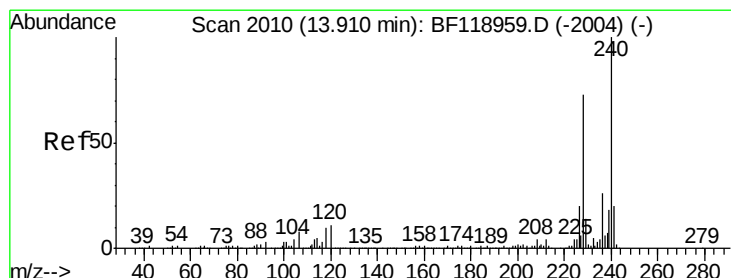
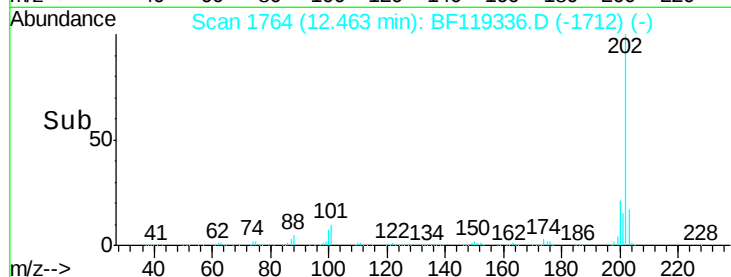
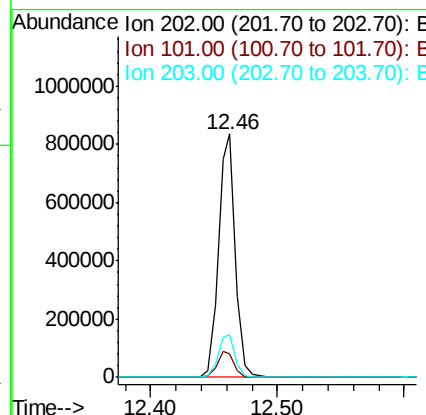
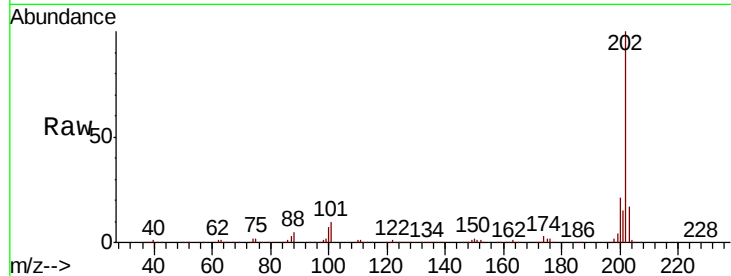
ClientSampled :

MC5B39MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	30.3
203	17.5	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

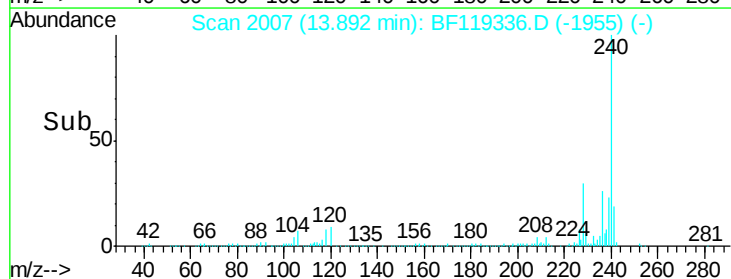
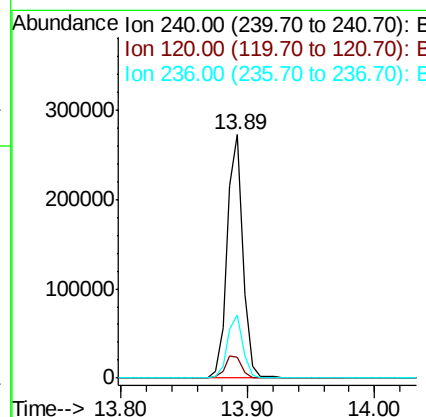
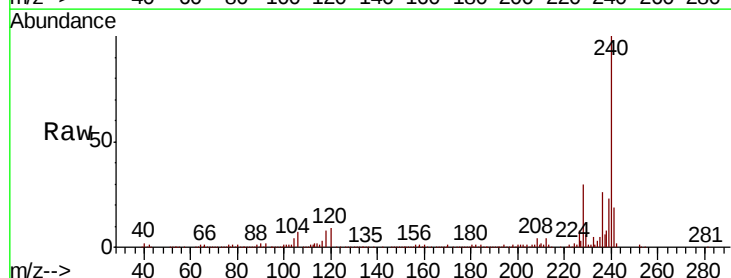
RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.7	8.4	12.6
236	26.0	21.0	31.4





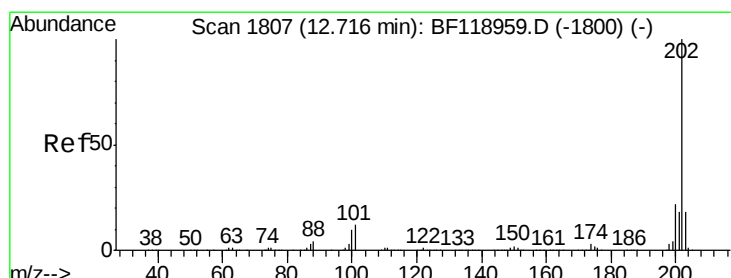
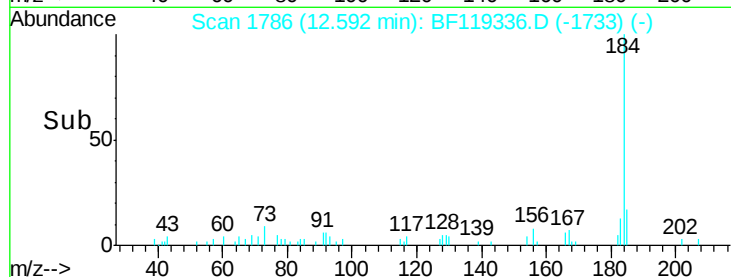
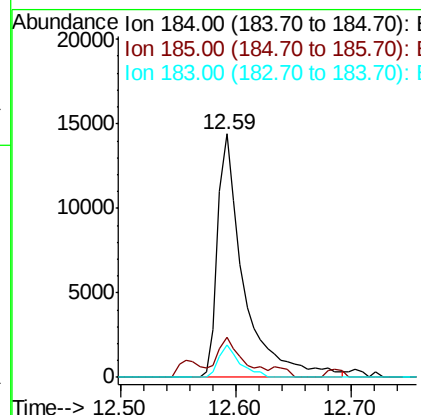
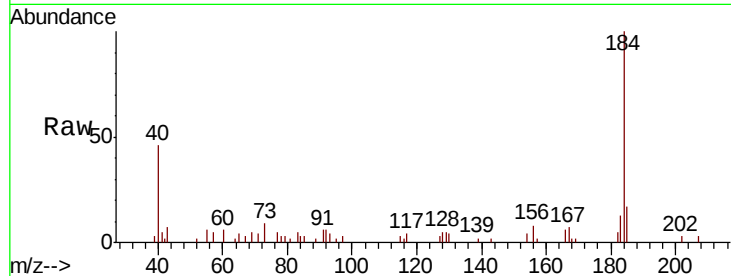
#77
Benzidine
Concen: 2.366 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.2	18.4
183	13.4	9.9	14.9

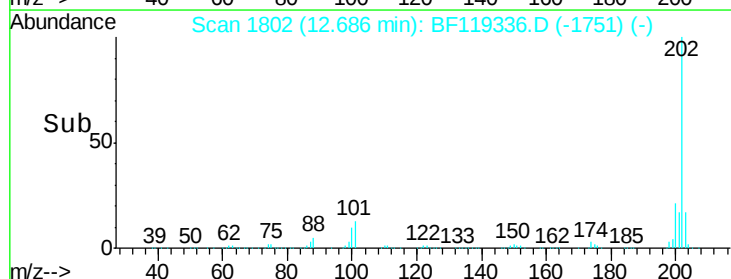
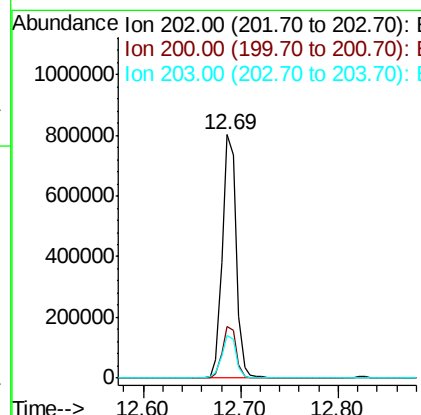
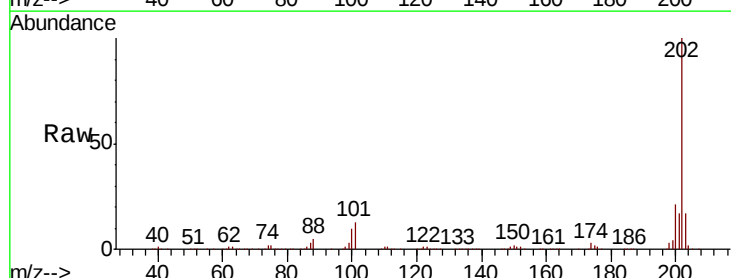
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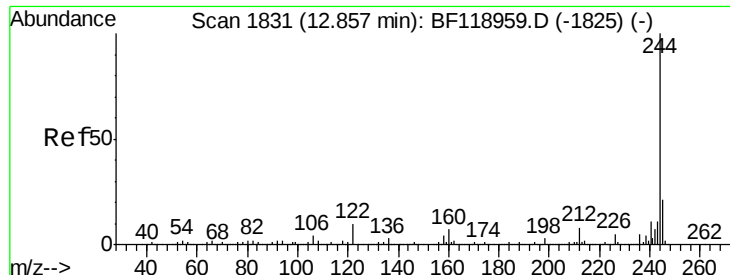
mohammad
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#78
Pyrene
Concen: 42.110 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.0	27.0
203	17.3	14.6	22.0





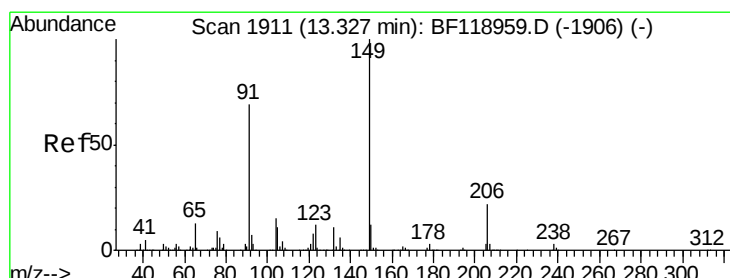
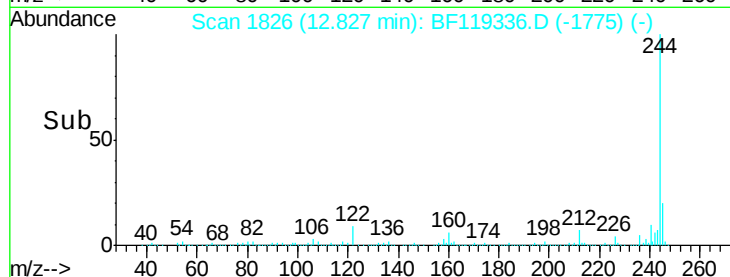
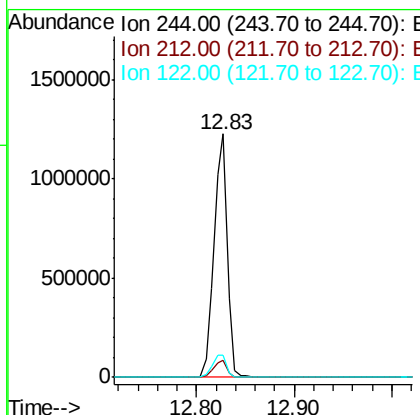
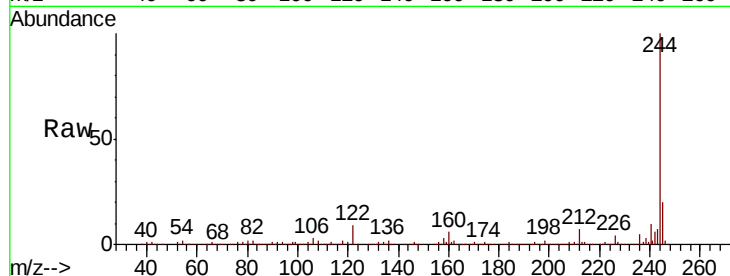
#79
 Terphenyl-d14
 Concen: 83.841 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :
 MC5B39MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	10.0
122	9.0	8.2	12.2

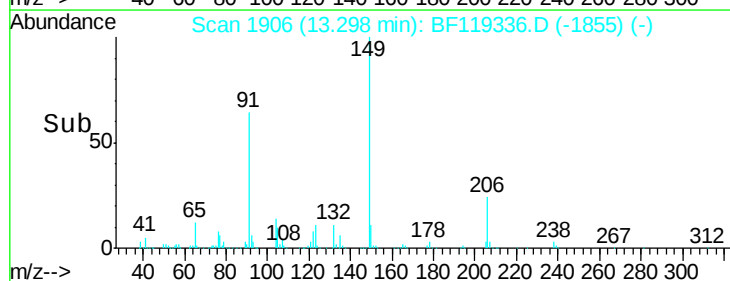
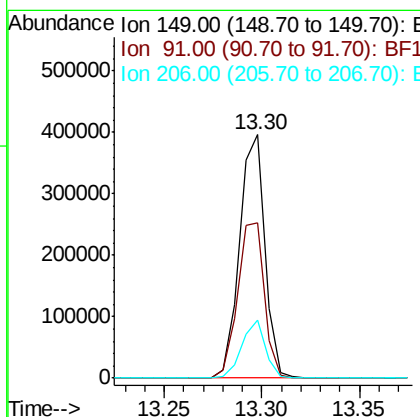
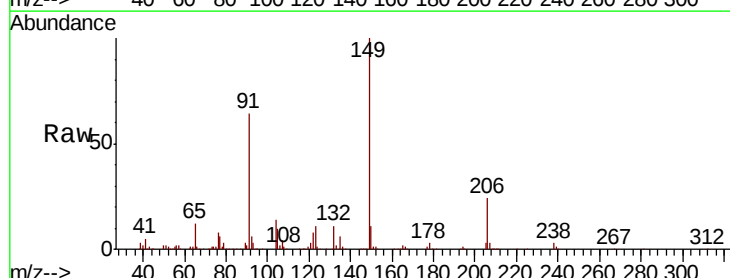
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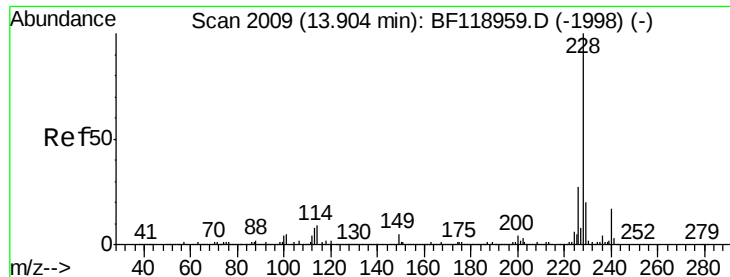
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#80
 Butylbenzylphthalate
 Concen: 44.771 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.9	52.3	78.5
206	23.6	18.5	27.7





#81

Benzo(a)anthracene

Concen: 47.704 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

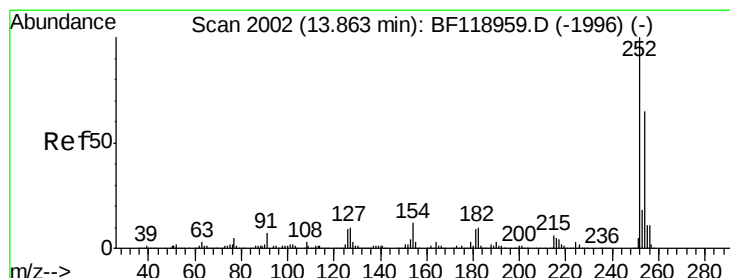
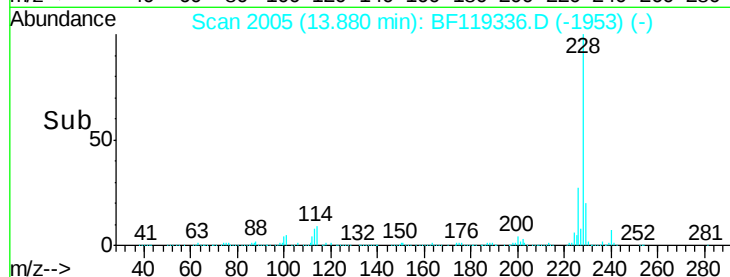
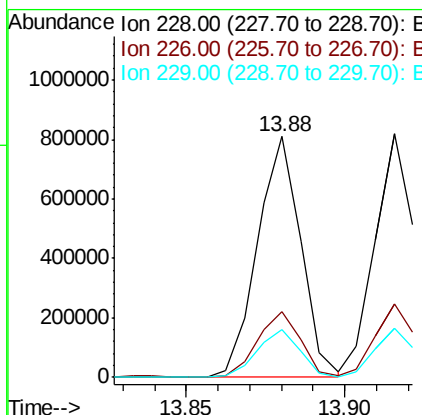
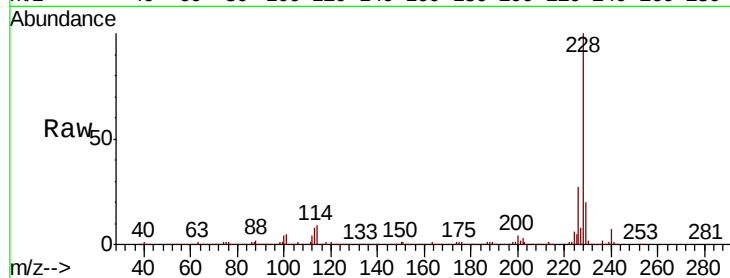
ClientSampleId :

MC5B39MS

Tot Ion:	228	Resp:	767416
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.6	33.8
229	19.9	16.6	24.8

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#82

3,3'-Dichlorobenzidine

Concen: 35.832 ng

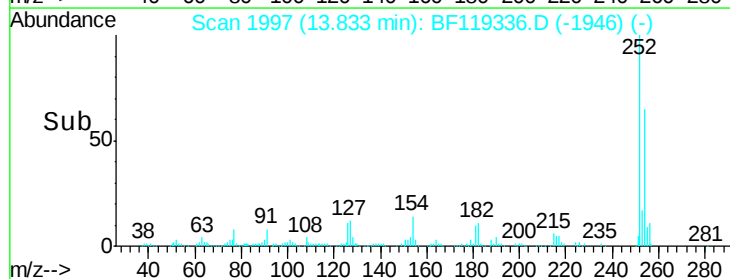
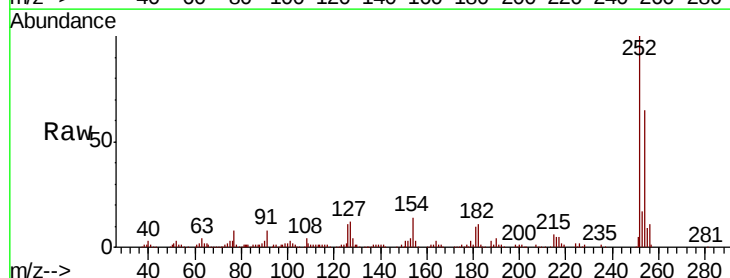
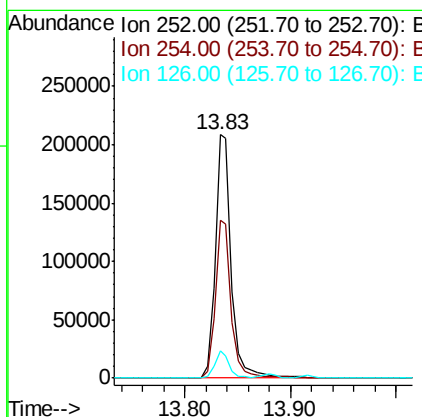
RT: 13.83 min Scan# 1997

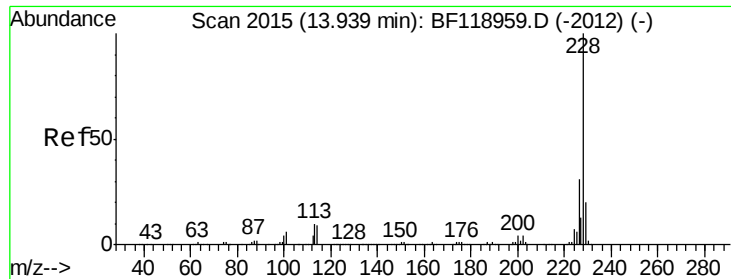
Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Tgt Ion:	252	Resp:	223831
Ion Ratio	Lower	Upper	
252	100		
254	64.9	51.6	77.4
126	11.4	7.4	11.0#





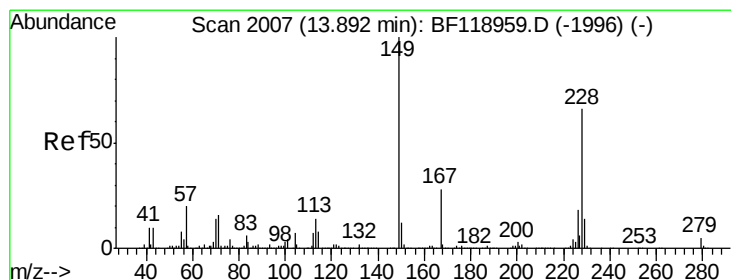
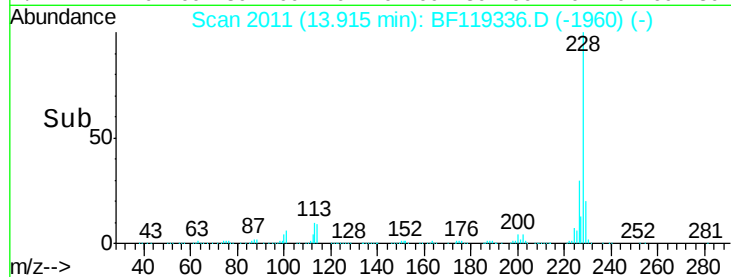
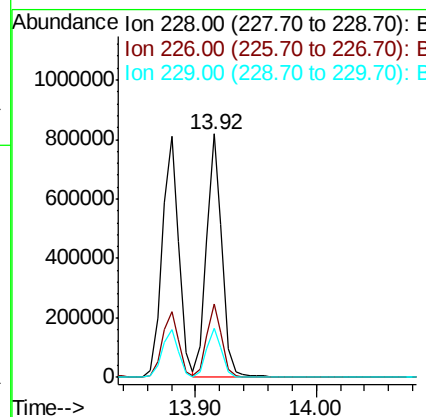
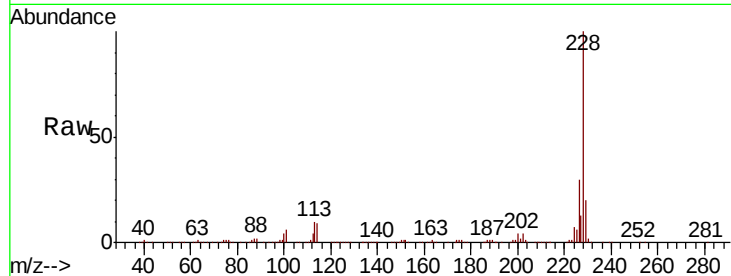
#83
 Chrvsene
 Concen: 45.029 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :
 MC5B39MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.1	37.7
229	19.9	16.3	24.5

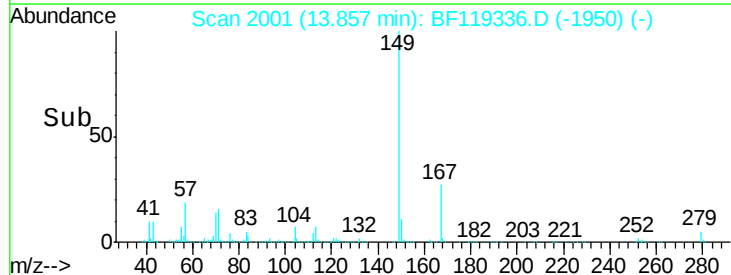
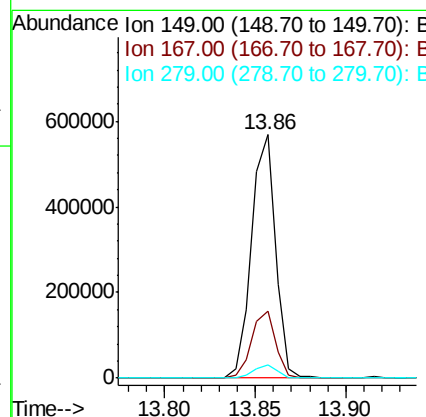
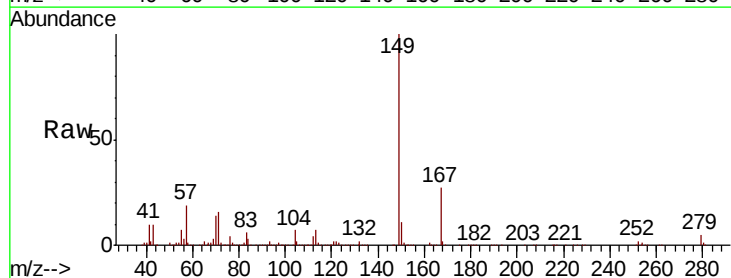
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.069 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.8	34.2
279	5.4	4.6	6.8





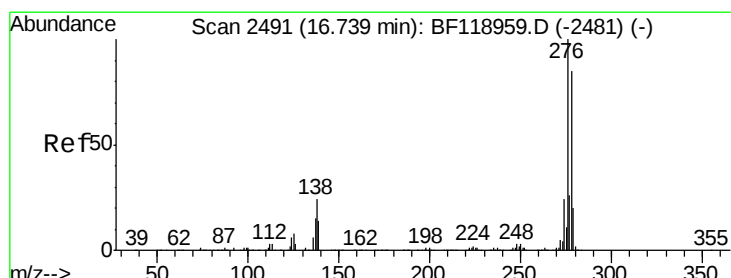
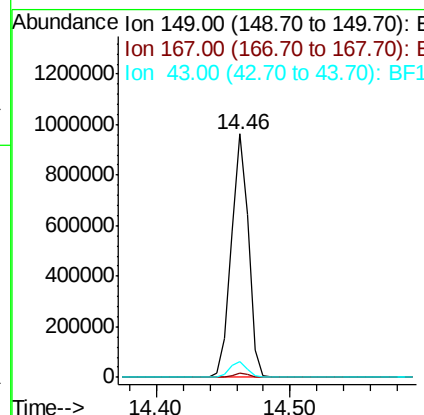
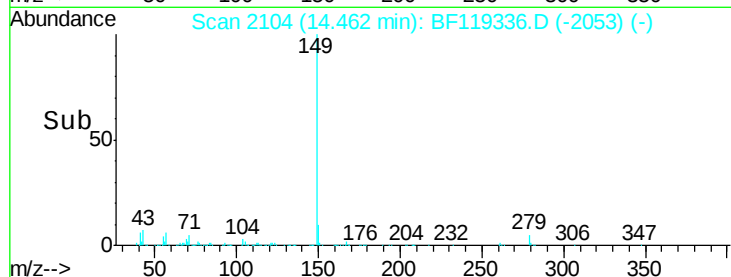
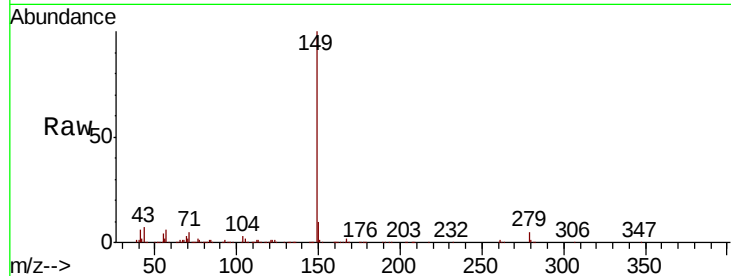
#85
Di-n-octyl phthalate
Concen: 54.698 ng
RT: 14.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

Tot Ion:	149	Resp:	878520
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	6.6	5.7	8.5

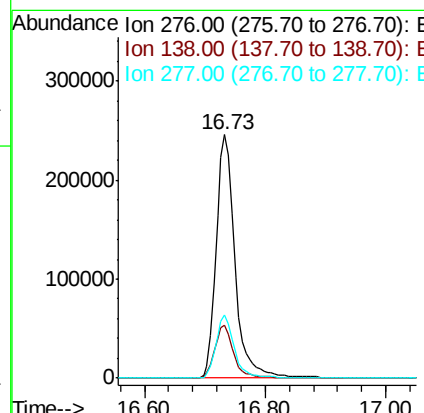
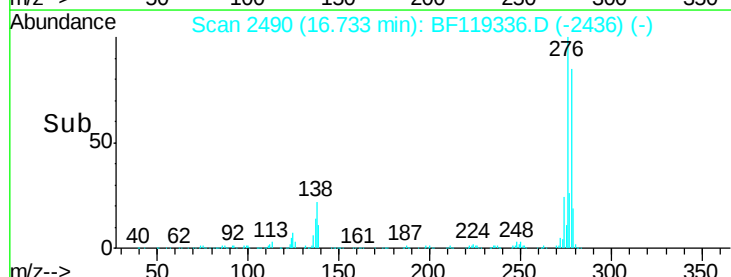
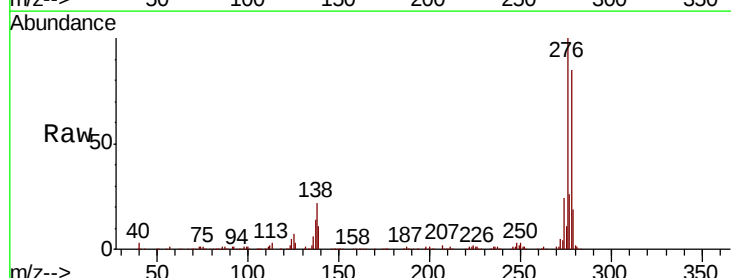
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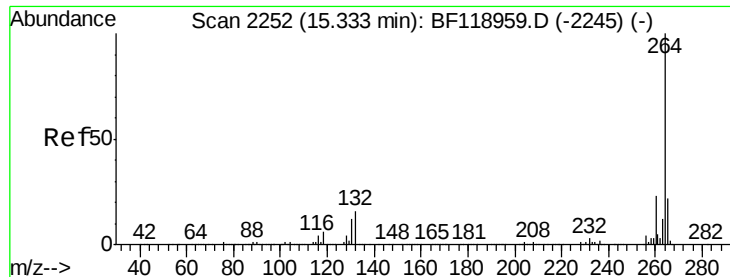
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#86
Indeno(1,2,3-cd)pyrene
Concen: 34.301 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion:	276	Resp:	532379
Ion Ratio	Lower	Upper	
276	100		
138	21.9	17.4	26.0
277	25.1	20.3	30.5





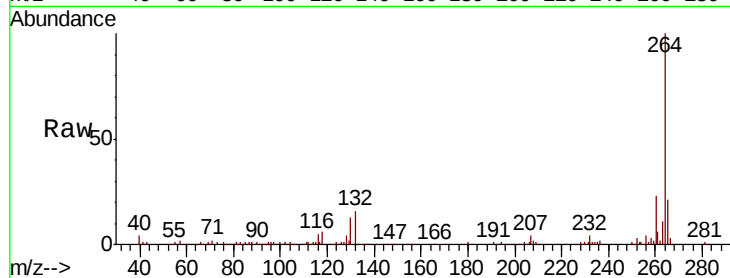
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

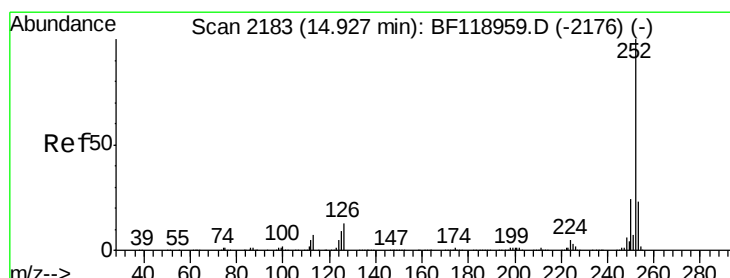
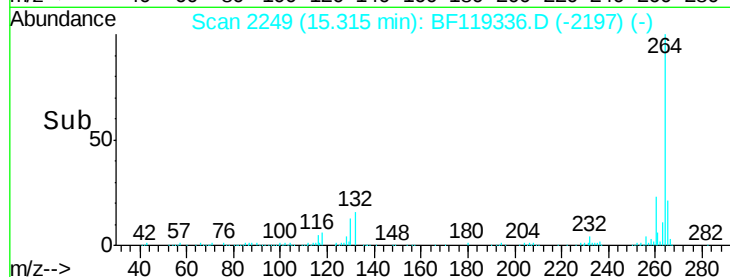
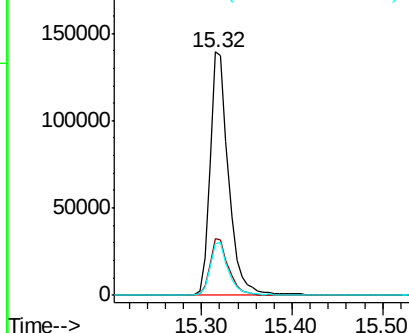
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.4	17.7	26.5

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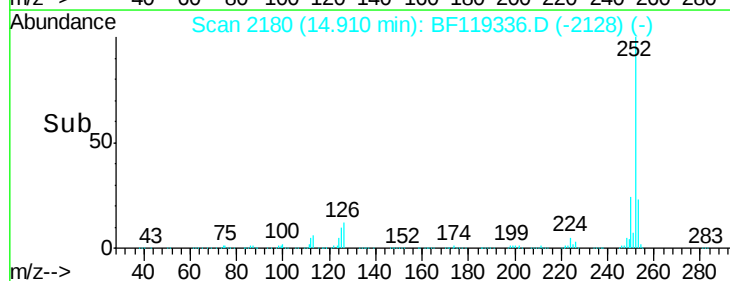
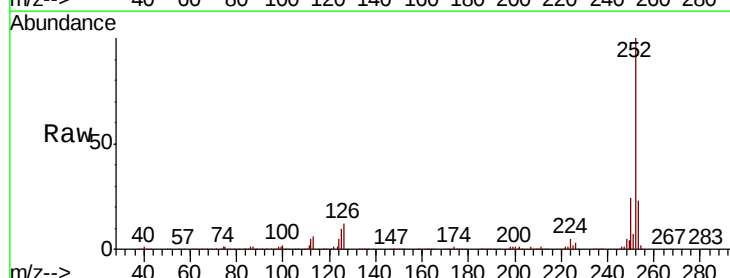
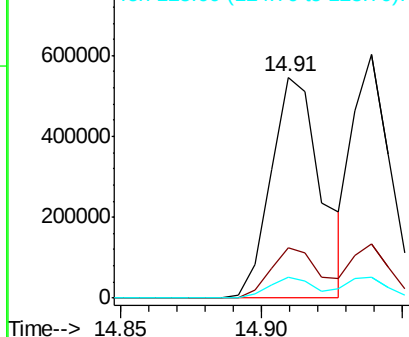
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

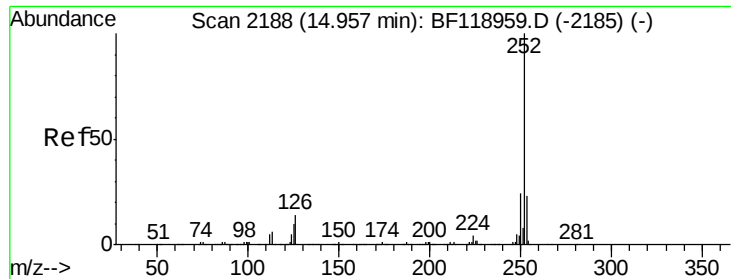


#88
Benzo(b)fluoranthene
Concen: 51.692 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	9.5	7.4	11.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





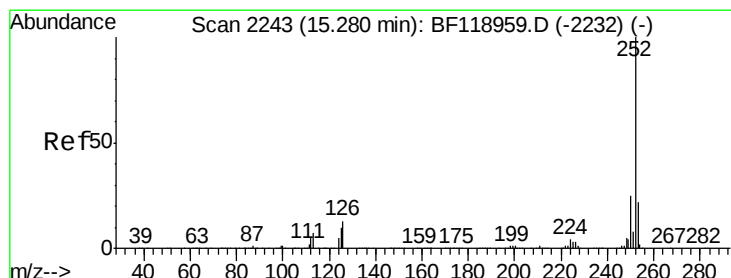
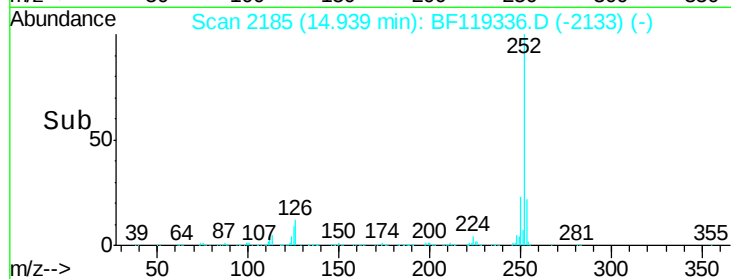
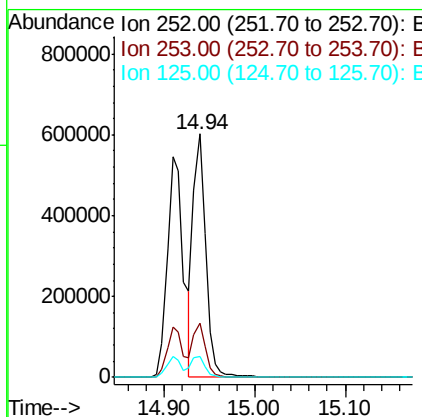
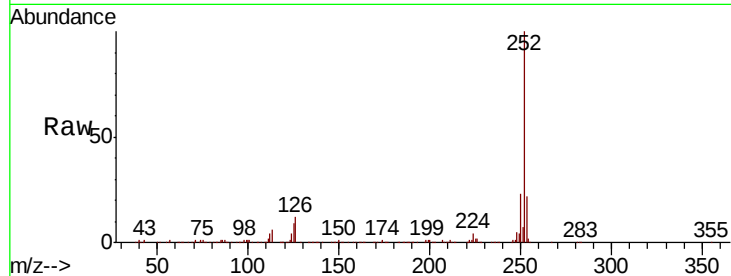
#89
Benzo(k)fluoranthene
Concen: 47.105 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	8.7	7.5	11.3

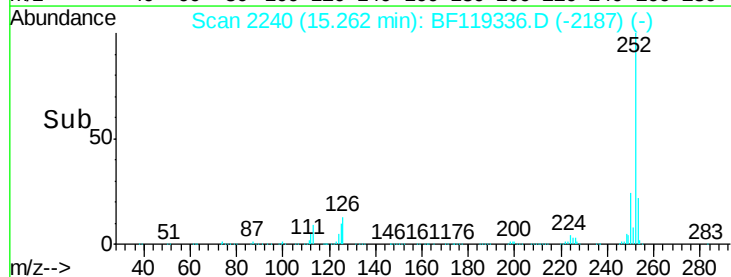
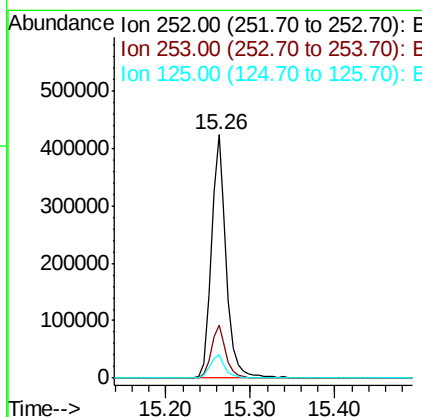
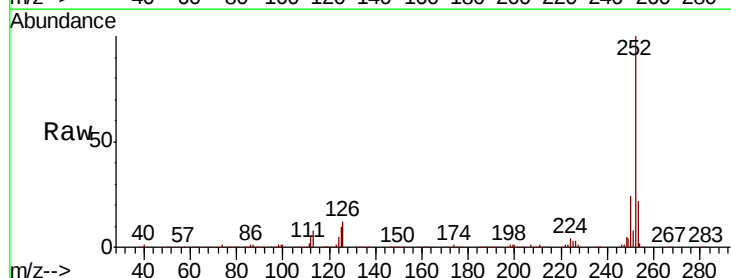
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#90
Benzo(a)pyrene
Concen: 44.070 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	9.5	8.6	12.8





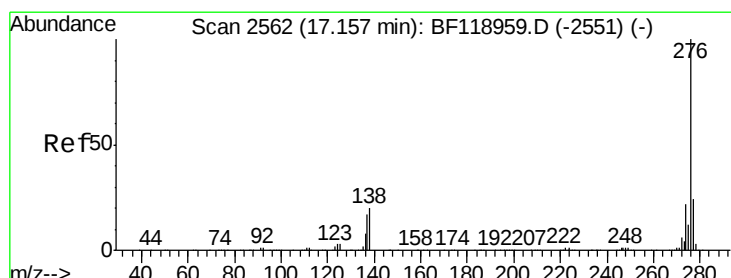
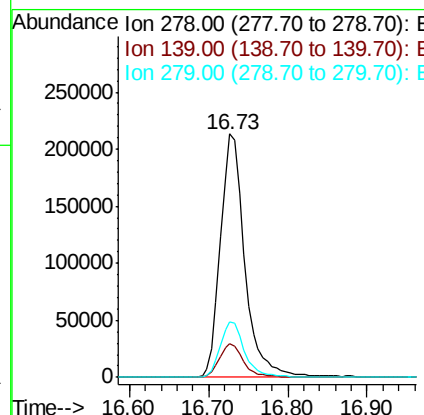
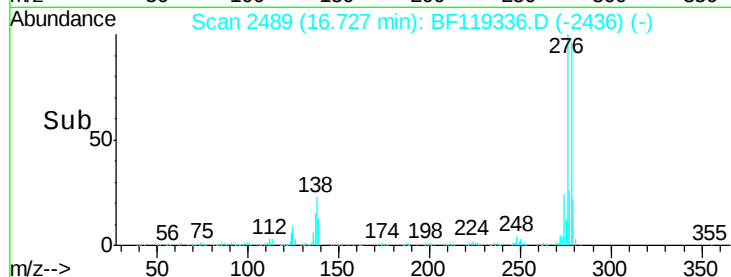
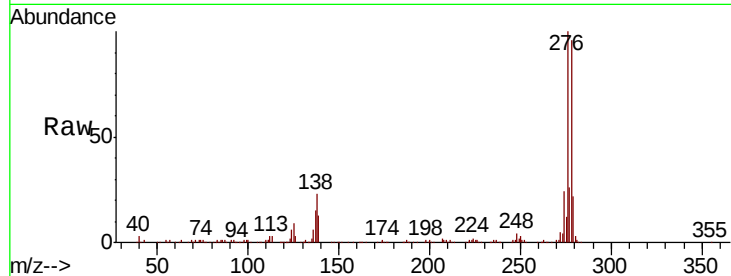
#91
Dibenzo(a,h)anthracene
Concen: 43.980 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.0	16.4
279	22.8	18.6	28.0

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#92
Benzo(g,h,i)perylene
Concen: 42.216 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.02 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	17.9	14.3	21.5

