

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119379.D
 Acq On : 12 Mar 2020 13:51
 Operator : CG/JU
 Sample : L1755-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-031020MS

Manual Integrations
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 3/16/2020 1:47:18 PM

Quant Time: Mar 13 00:51:02 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	6.72	152	119378	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	413982	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	230097	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	482624	20.00	ng	0.00
76) Chrysene-d12	13.90	240	329145	20.00	ng	0.01
87) Perylene-d12	15.33	264	250124	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	949486	132.92	ng	0.02
7) Phenol-d6	6.39	99	1081229	124.46	ng	0.00
23) Nitrobenzene-d5	7.30	82	846130	107.92	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	460339	152.93	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1484229	95.03	ng	0.00
79) Terphenyl-d14	12.83	244	2032741	106.33	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.62	88	125356	39.414	ng	# 87
3) Pyridine	3.35	79	241367m	27.788	ng	
4) n-Nitrosodimethylamine	3.23	42	135713	51.578	ng	95
6) Aniline	6.40	93	132313	12.343	ng	# 22
8) 2-Chlorophenol	6.52	128	405519	52.603	ng	98
9) Benzaldehyde	6.28	77	246487	42.466	ng	100
10) Phenol	6.40	94	401655	42.762	ng	85
11) bis(2-Chloroethyl)ether	6.46	93	388494	54.056	ng	99
12) 1,3-Dichlorobenzene	6.66	146	446056	48.276	ng	96
13) 1,4-Dichlorobenzene	6.74	146	452470	48.936	ng	100
14) 1,2-Dichlorobenzene	6.89	146	410997	48.740	ng	99
15) Benzyl Alcohol	6.89	79	350395	55.806	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	300752	48.309	ng	# 50
17) 2-Methylphenol	7.00	107	322128	51.539	ng	# 92
18) Hexachloroethane	7.23	117	162832	49.225	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	289994	57.285	ng	98
20) 3+4-Methylphenols	7.16	107	428793	55.998	ng	# 88
22) Acetophenone	7.14	105	565522	59.041	ng	# 95
24) Nitrobenzene	7.32	77	439385	56.669	ng	98
25) Isophorone	7.56	82	788911	57.937	ng	100
26) 2-Nitrophenol	7.63	139	226224	55.067	ng	99
27) 2,4-Dimethylphenol	7.68	122	350625	62.886	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	418128	47.176	ng	99
29) 2,4-Dichlorophenol	7.89	162	325846	49.643	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	354489	45.551	ng	97
31) Naphthalene	8.03	128	1074960	50.068	ng	99
32) Benzoic acid	7.86	122	174303	43.562	ng	99
33) 4-Chloroaniline	8.10	127	93389	10.113	ng	98
34) Hexachlorobutadiene	8.14	225	218660	45.107	ng	97
35) Caprolactam	8.48	113	72319m	35.782	ng	
36) 4-Chloro-3-methylphenol	8.59	107	348844	52.514	ng	99
37) 2-Methylnaphthalene	8.72	142	729824	50.512	ng	100
38) 1-Methylnaphthalene	8.82	142	691915	50.920	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	365475	47.110	ng	99

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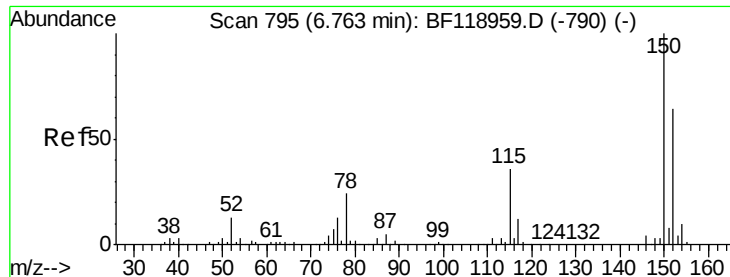
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	133200	51.025	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	227617	46.461	nq	98
44) 2,4,5-Trichlorophenol	9.07	196	234095	45.536	nq	99
46) 1,1'-Biphenyl	9.19	154	893823	48.064	nq	98
47) 2-Chloronaphthalene	9.21	162	719559	48.015	nq	99
48) 2-Nitroaniline	9.32	65	211034	50.488	nq	98
49) Acenaphthylene	9.63	152	1075619	49.695	nq	98
50) Dimethylphthalate	9.49	163	902814	51.311	nq	99
51) 2,6-Dinitrotoluene	9.56	165	196289	50.213	nq #	87
52) Acenaphthene	9.80	154	645500	49.459	nq	99
53) 3-Nitroaniline	9.74	138	65869	15.199	nq	96
54) 2,4-Dinitrophenol	9.86	184	172822	89.939	nq #	90
55) Dibenzofuran	9.97	168	997204	51.191	nq	98
56) 4-Nitrophenol	9.93	139	96355	37.006	nq	91
57) 2,4-Dinitrotoluene	9.97	165	263343	51.973	nq	92
58) Fluorene	10.32	166	857164	56.627	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	217312	50.097	nq	99
60) Diethylphthalate	10.19	149	880655	53.112	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	446130	55.680	nq	98
62) 4-Nitroaniline	10.36	138	188610	42.538	nq	91
63) Azobenzene	10.46	77	852405	59.143	nq	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	143841	49.254	nq	94
66) n-Nitrosodiphenylamine	10.43	169	783946	49.608	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	296860	47.057	nq	96
68) Hexachlorobenzene	10.87	284	341429	46.942	nq	99
69) Atrazine	10.96	200	260360	47.155	nq	99
70) Pentachlorophenol	11.07	266	215147	73.432	nq	98
71) Phenanthrene	11.27	178	1290421	49.028	nq	99
72) Anthracene	11.33	178	1326562	50.443	nq	99
73) Carbazole	11.49	167	1177477	50.259	nq	99
74) Di-n-butylphthalate	11.81	149	1439690	50.744	nq	99
75) Fluoranthene	12.47	202	1365360	48.871	nq	99
77) Benzidine	12.60	184	67777	5.063	nq	97
78) Pyrene	12.69	202	1376279	52.073	nq	99
80) Butylbenzylphthalate	13.30	149	566583	50.935	nq	99
81) Benzo(a)anthracene	13.89	228	1145839	51.092	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	164979	18.945	nq	98
83) Chrysene	13.92	228	1096551	49.070	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	739674	52.634	nq	100
85) Di-n-octyl phthalate	14.47	149	995538	44.462	nq	99
86) Indeno(1,2,3-cd)pyrene	16.76	276	834578	38.571	nq	100
88) Benzo(b)fluoranthene	14.92	252	831537	50.437	nq	100
89) Benzo(k)fluoranthene	14.95	252	860438	56.316	nq	99
90) Benzo(a)pyrene	15.27	252	741167	49.810	nq	98
91) Dibenzo(a,h)anthracene	16.75	278	694614	53.054	nq	100
92) Benzo(g,h,i)perylene	17.18	276	698130	53.968	nq	99

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



#1

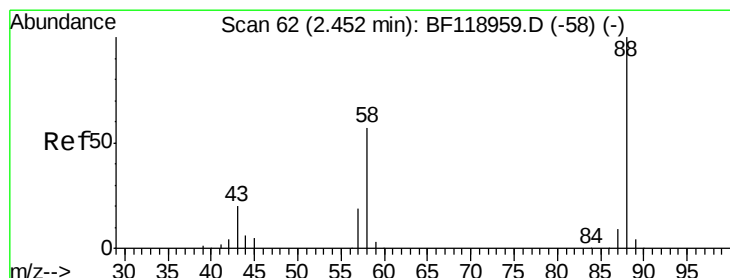
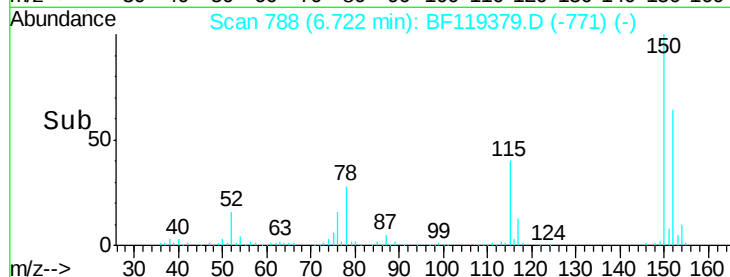
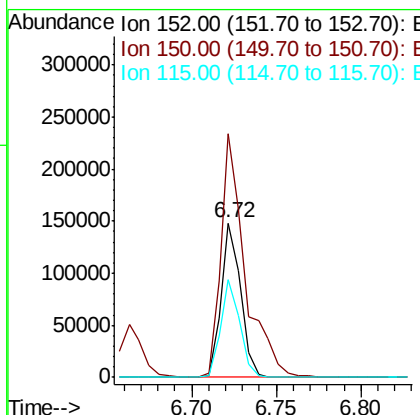
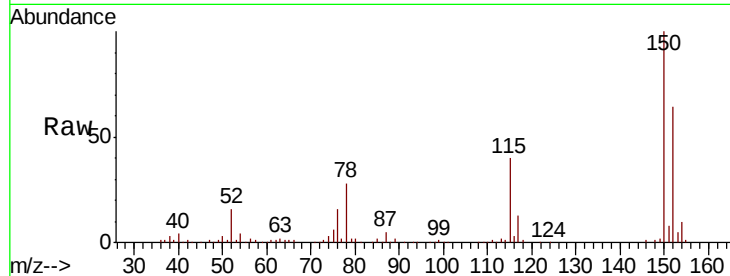
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.0	184.6
115	62.9	49.5	74.3

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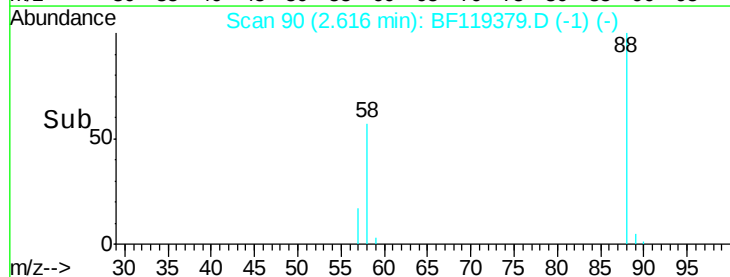
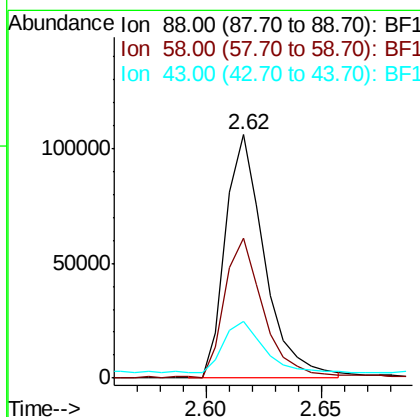
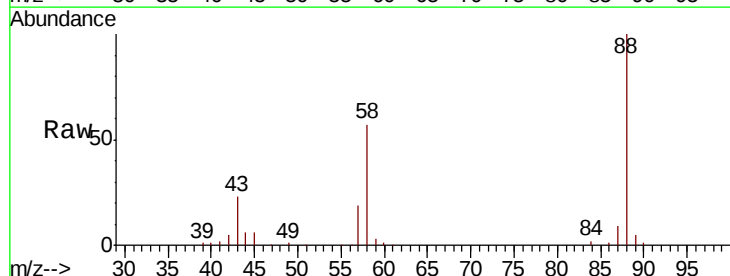
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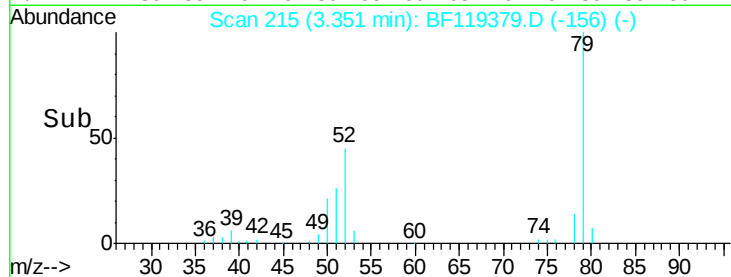
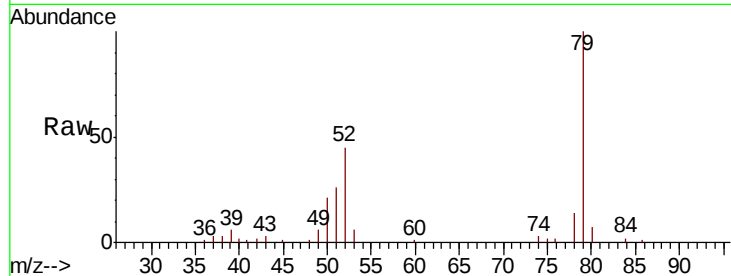
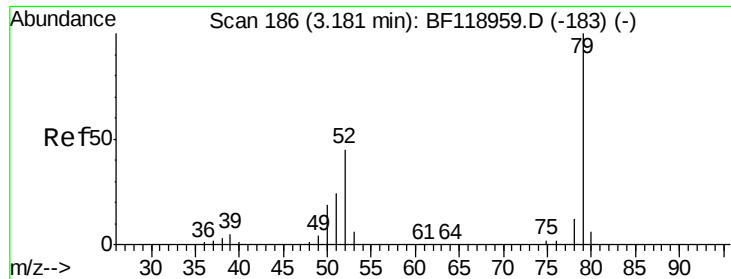


#2

1,4-Dioxane
Concen: 39.414 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.24 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.9	43.8	65.6
43	0.0	16.2	24.4#





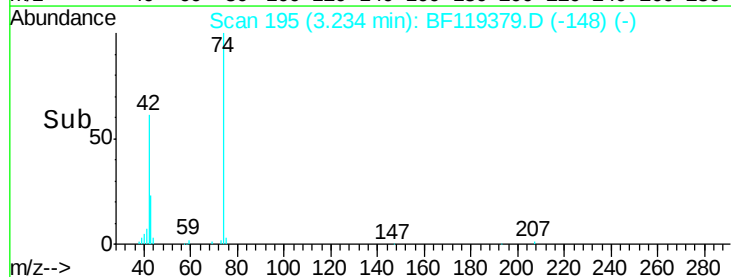
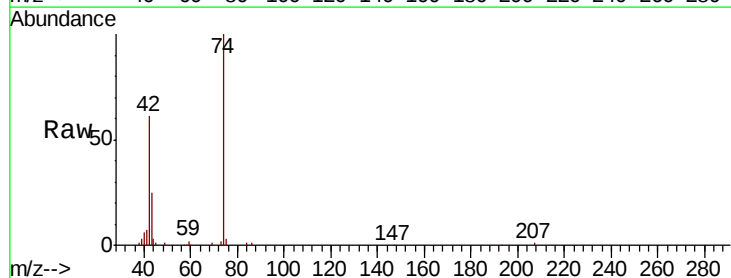
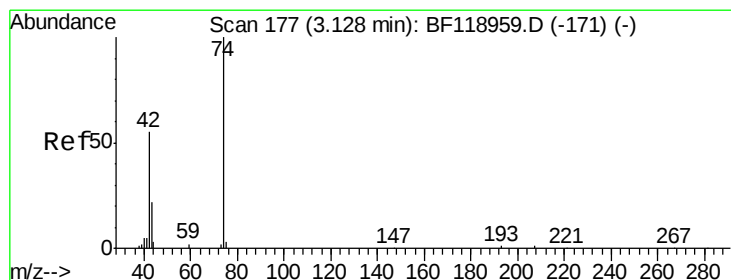
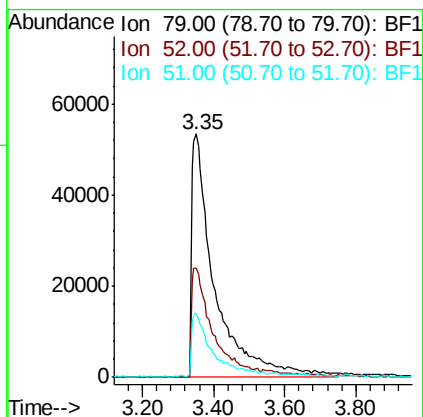
#3
 Pvridine
 Concen: 27.788 ng/ml
 RT: 3.35 min Scan# 215
 Delta R.T. 0.25 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Tot Ion:	79	Resp:	241367
Ion	Ratio	Lower	Upper
79	100		
52	45.0	37.4	56.0
51	26.4	19.8	29.6

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-031020MS

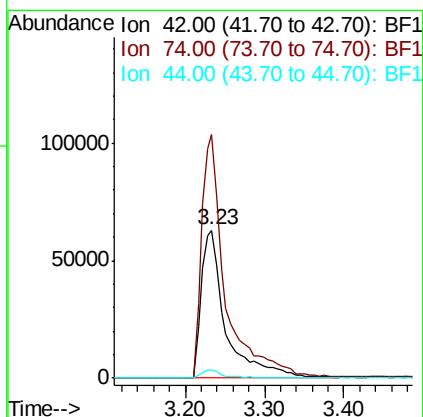
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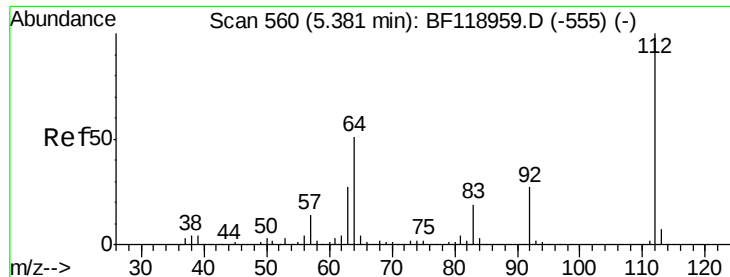
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#4
 n-Nitrosodimethylamine
 Concen: 51.578 ng/ml
 RT: 3.23 min Scan# 195
 Delta R.T. 0.18 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Tgt Ion:	42	Resp:	135713
Ion	Ratio	Lower	Upper
42	100		
74	164.8	137.7	206.5
44	5.2	4.5	6.7





#5

2-Fluorophenol

Concen: 132.919 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

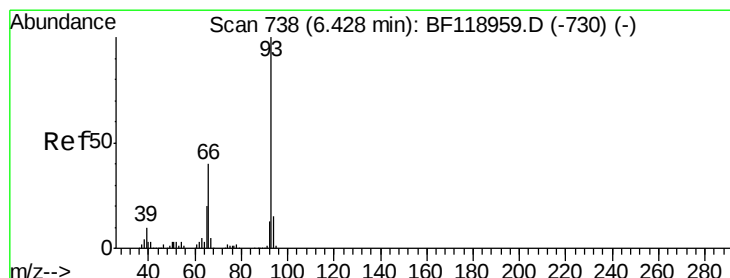
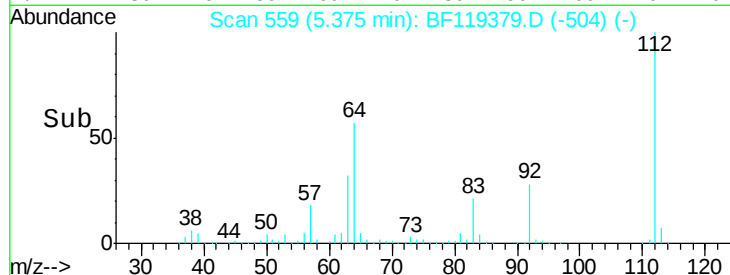
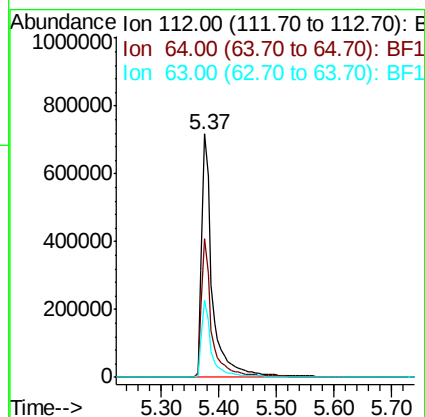
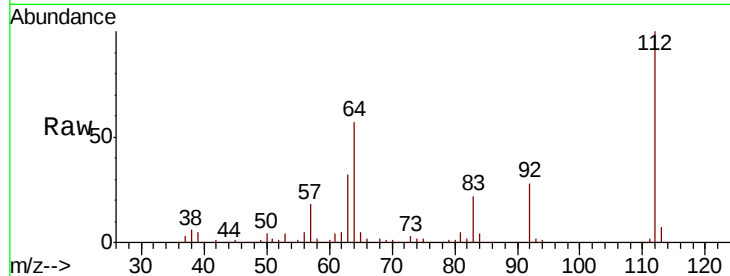
ClientSampleId :

OK-03-031020MS

Tot Ion:	112	Resp:	949486
Ion Ratio	Lower	Upper	
112	100		
64	56.7	45.0	67.4
63	31.7	24.2	36.4

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#6

Aniline

Concen: 12.343 ng

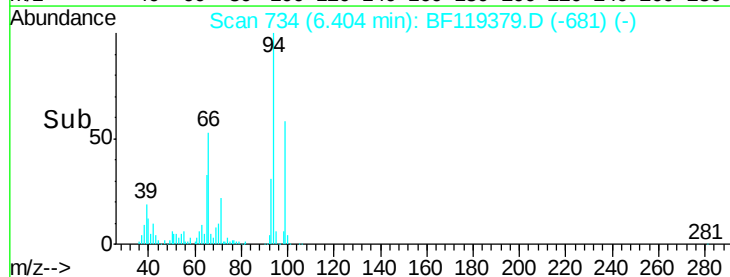
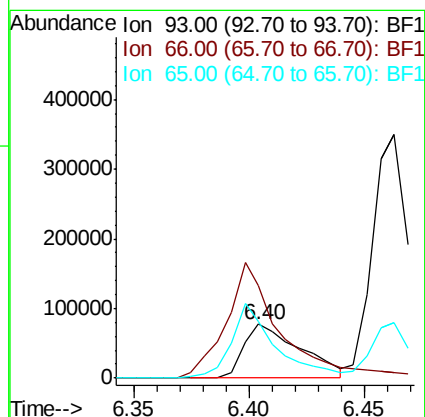
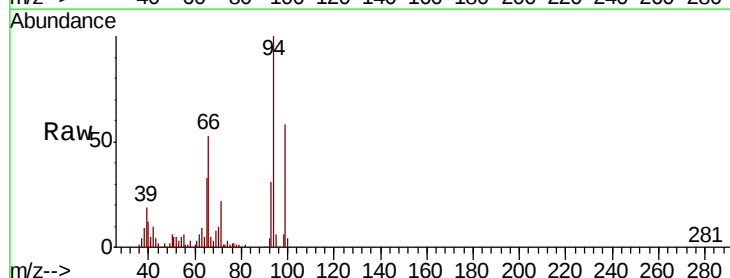
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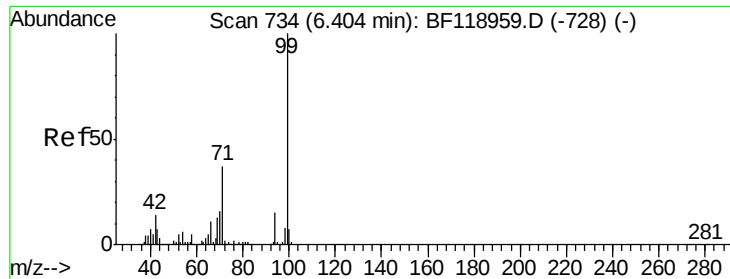
Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Tgt Ion:	93	Resp:	132313
Ion Ratio	Lower	Upper	
93	100		
66	173.9	74.5	111.7#
65	106.5	45.3	67.9#





#7

Phenol-d6

Concen: 124.456 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampleId :

OK-03-031020MS

Tot Ion: 99 Resp: 1081229

Ion Ratio Lower Upper

99 100

42 15.6 12.6 18.8

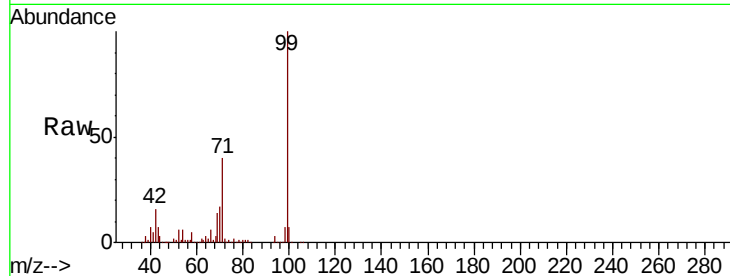
71 39.6 31.0 46.4

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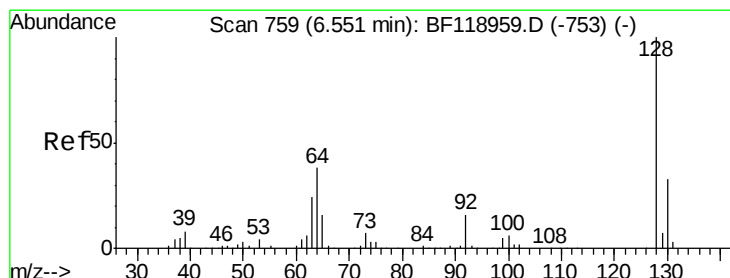
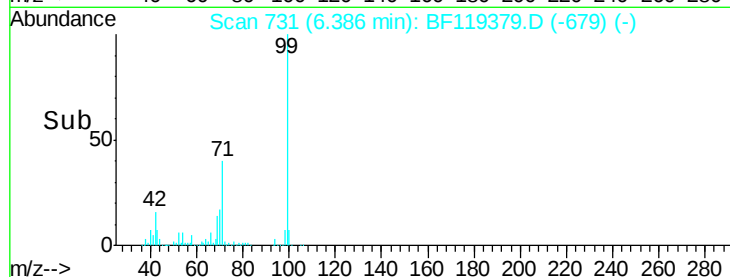
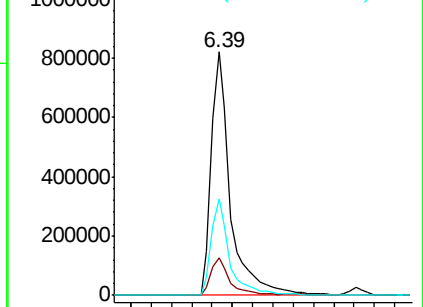
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 52.603 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

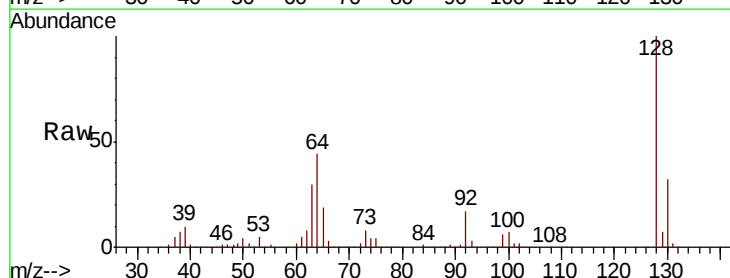
Tgt Ion: 128 Resp: 405519

Ion Ratio Lower Upper

128 100

130 31.9 12.7 52.7

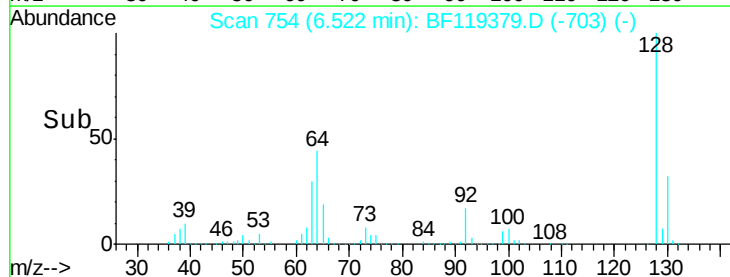
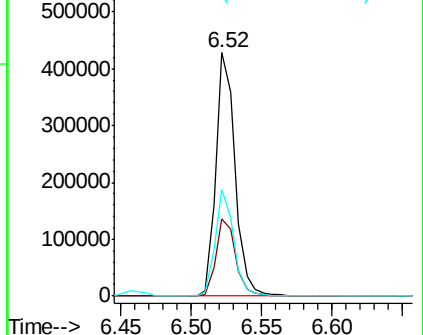
64 43.9 22.3 62.3

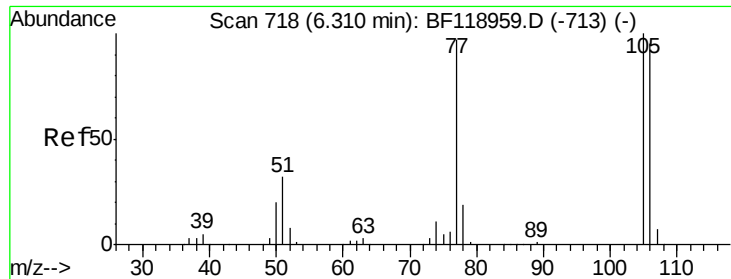


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





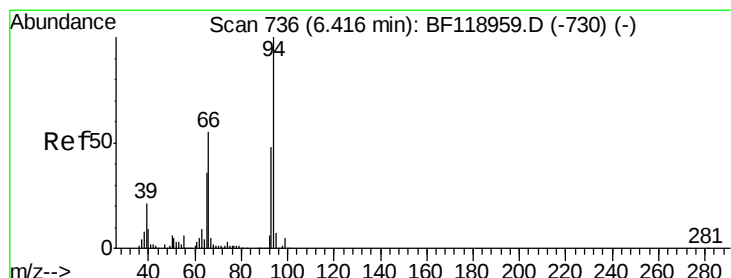
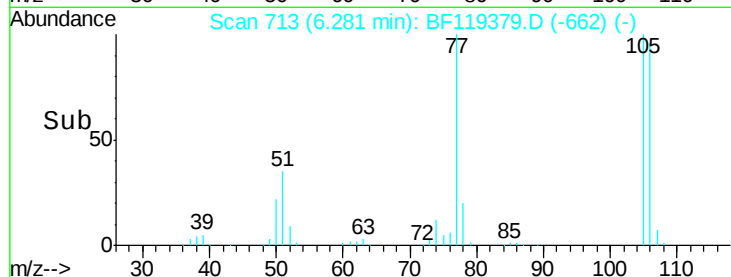
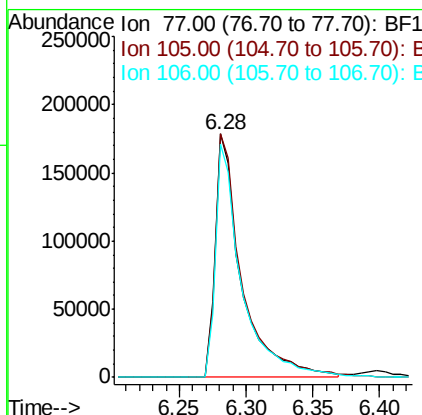
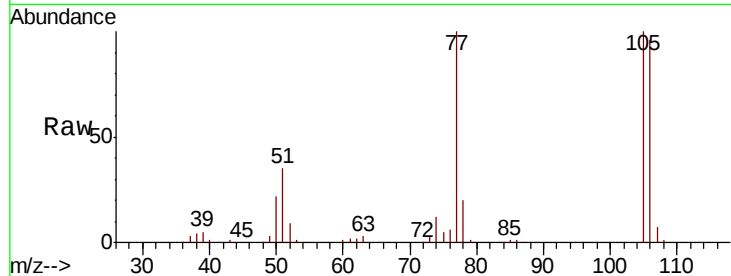
#9
Benzaldehyde
Concen: 42.466 ng
RT: 6.28 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
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OK-03-031020MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.0	80.1	120.1
106	95.7	75.9	115.9

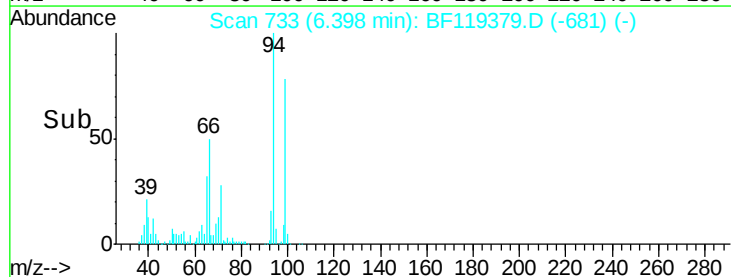
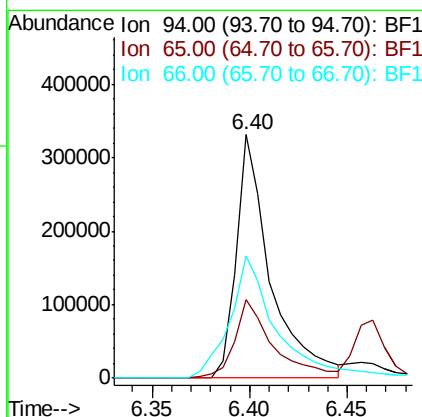
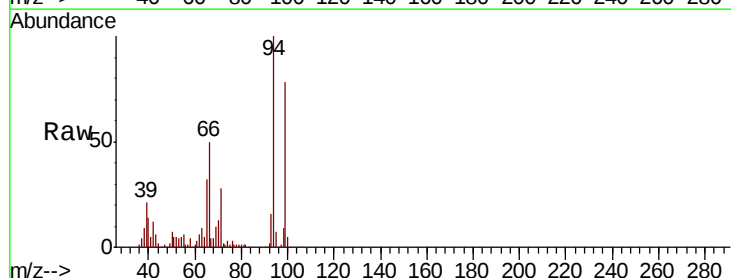
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#10
Phenol
Concen: 42.762 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.5	19.2	59.2
66	50.3	44.4	84.4





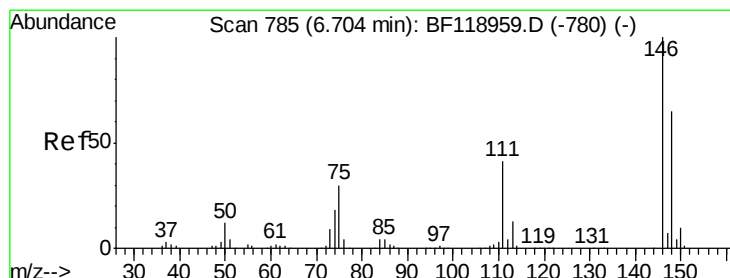
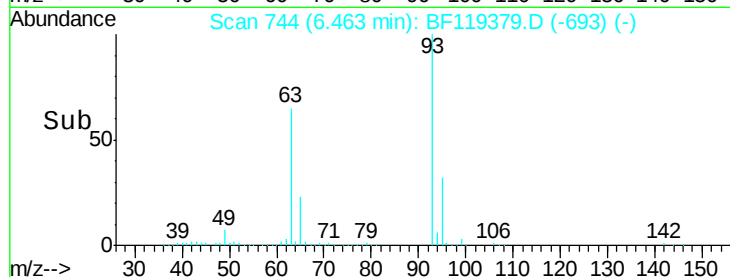
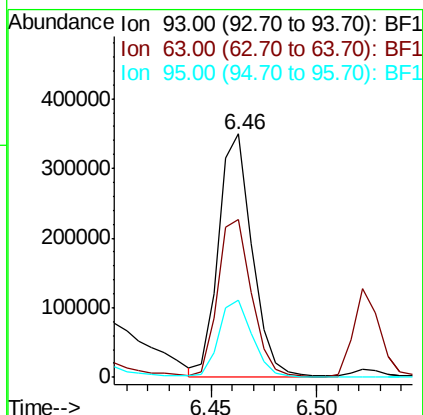
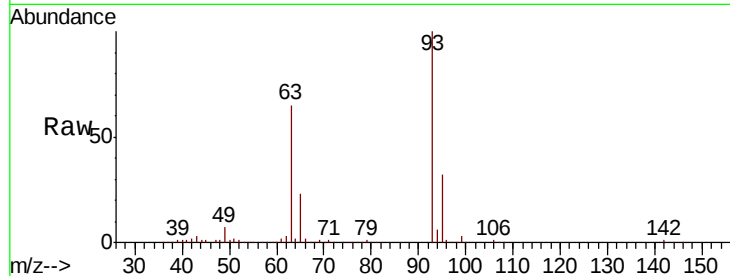
#11
bis(2-Chloroethyl)ether
Concen: 54.056 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion:	93	Resp:	388494
Ion Ratio	Lower	Upper	
93	100		
63	64.9	45.4	85.4
95	31.9	13.5	53.5

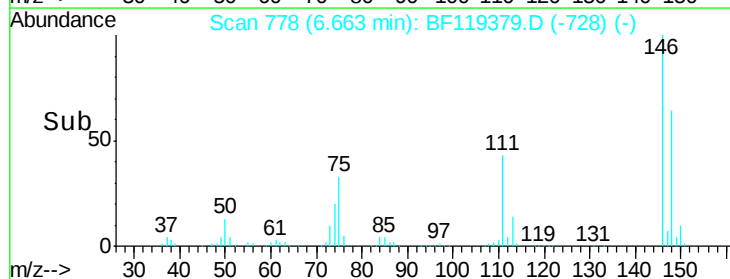
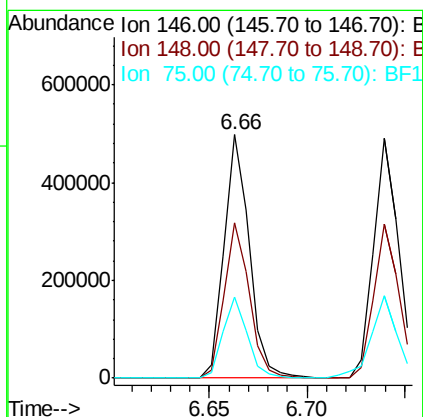
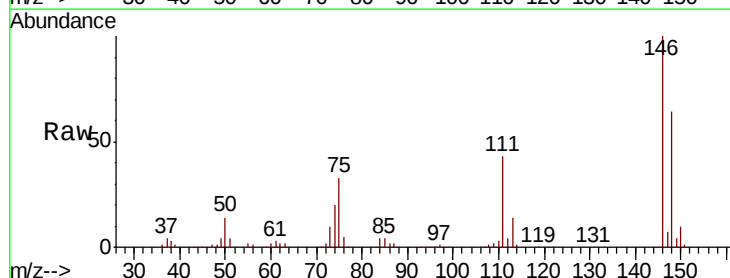
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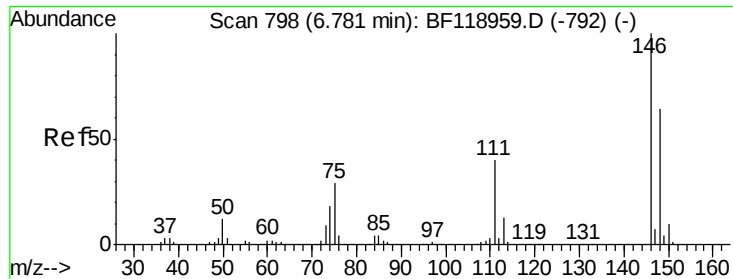
mohammad
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#12
1,3-Dichlorobenzene
Concen: 48.276 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion:	146	Resp:	446056
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.5	78.7
75	33.1	23.6	35.4





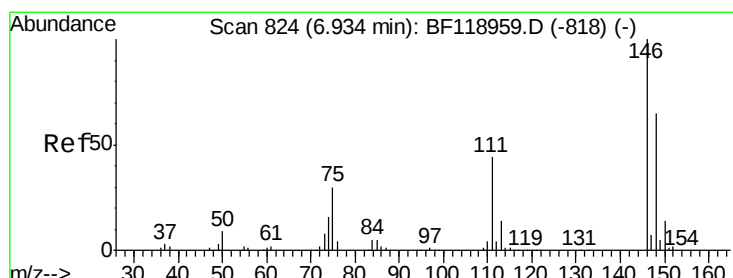
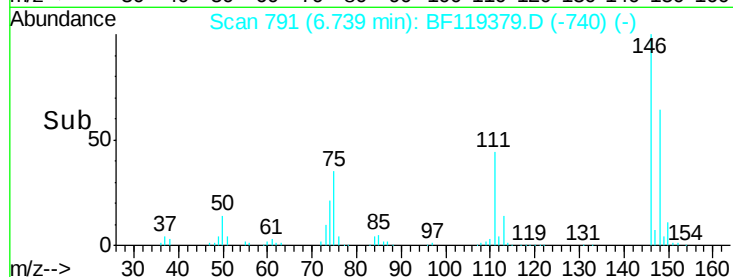
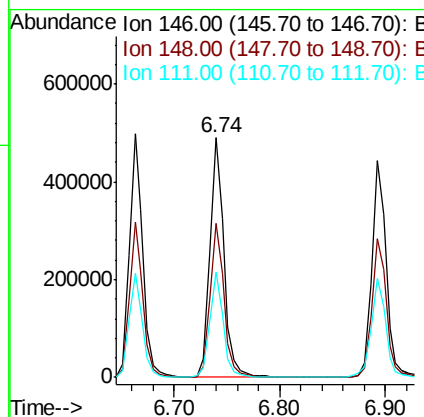
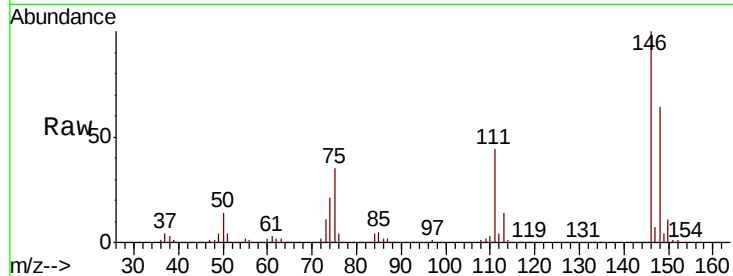
#13
1,4-Dichlorobenzene
Concen: 48.936 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	43.9	34.8	52.2

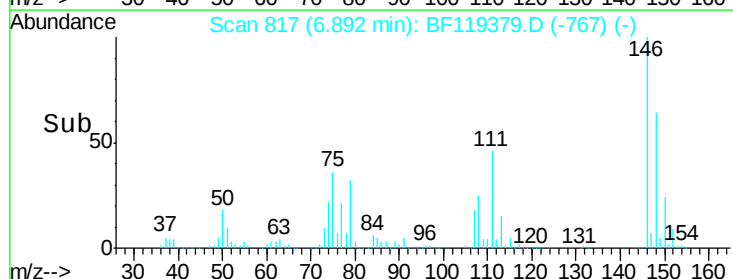
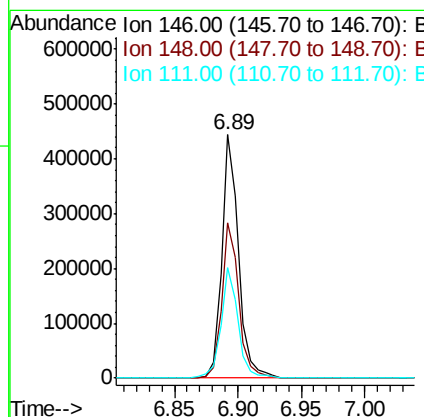
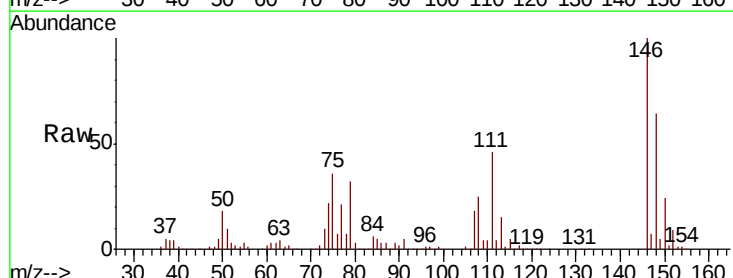
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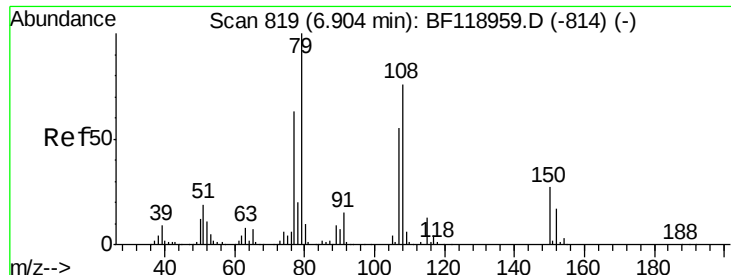
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#14
1,2-Dichlorobenzene
Concen: 48.740 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	45.6	36.2	54.2





#15

Benzyl Alcohol

Concen: 55.806 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

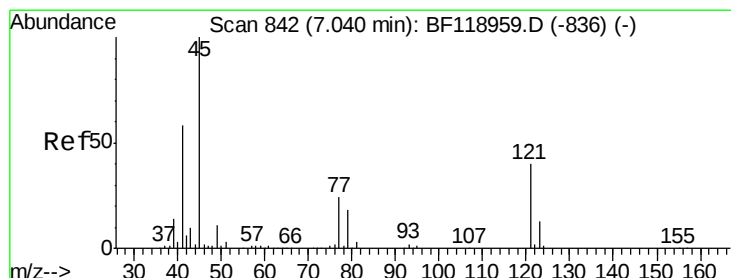
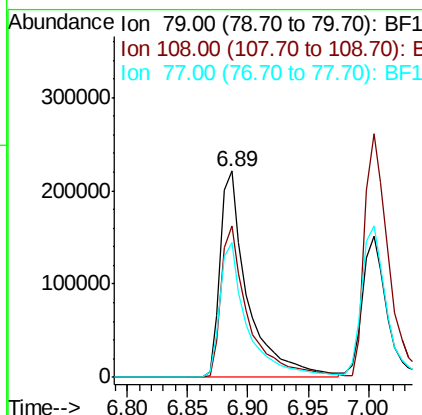
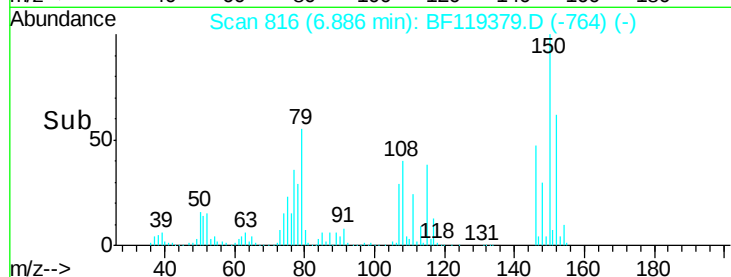
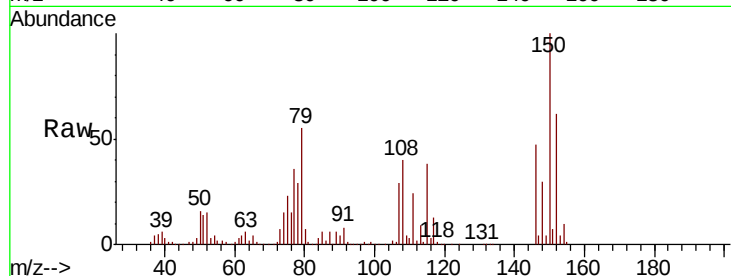
ClientSampleId :

OK-03-031020MS

Tot Ion:	79	Resp:	350395
Ion Ratio	Lower	Upper	
79	100		
108	73.3	58.2	87.2
77	65.5	51.2	76.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.309 ng

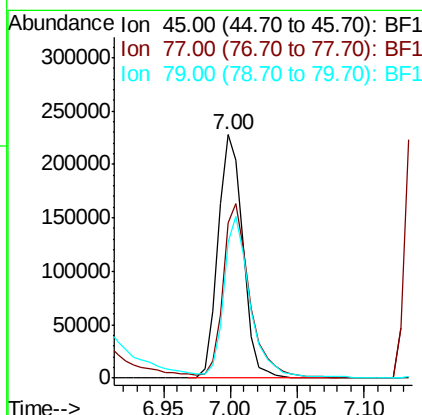
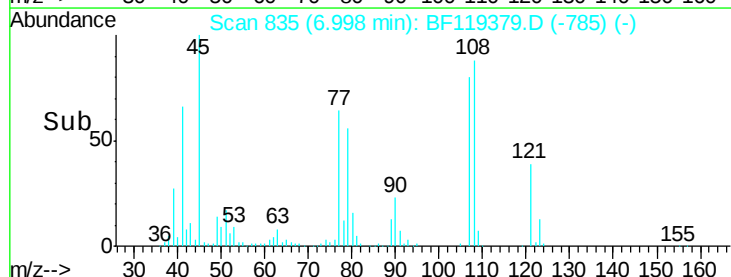
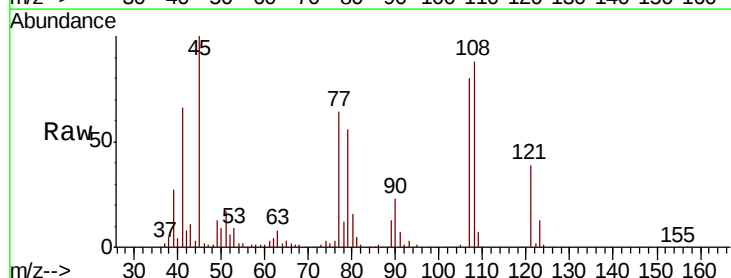
RT: 7.00 min Scan# 835

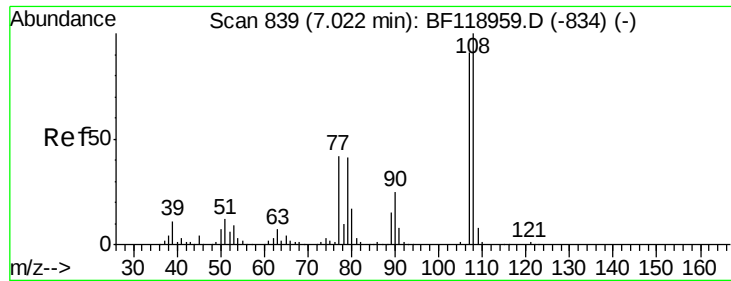
Delta R.T. -0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Tgt Ion:	45	Resp:	300752
Ion Ratio	Lower	Upper	
45	100		
77	63.9	15.0	55.0#
79	56.1	9.4	49.4#





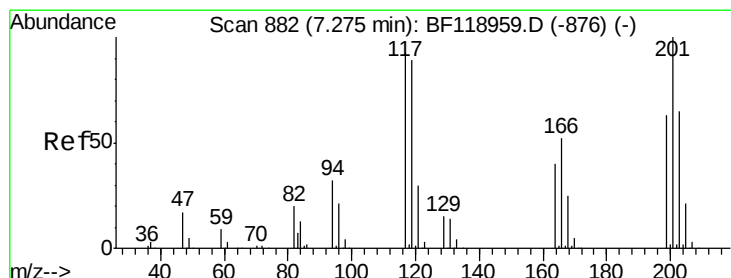
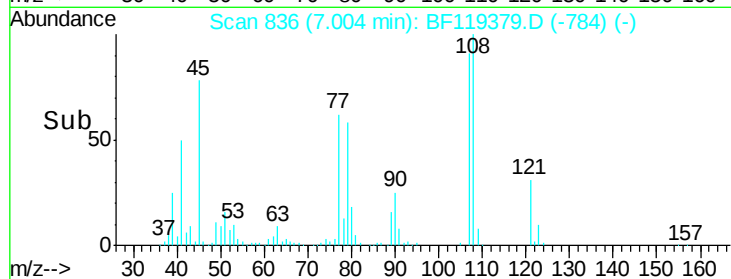
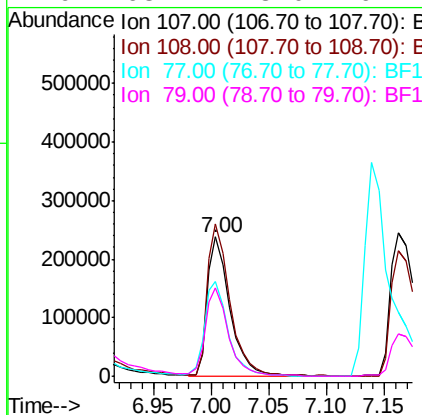
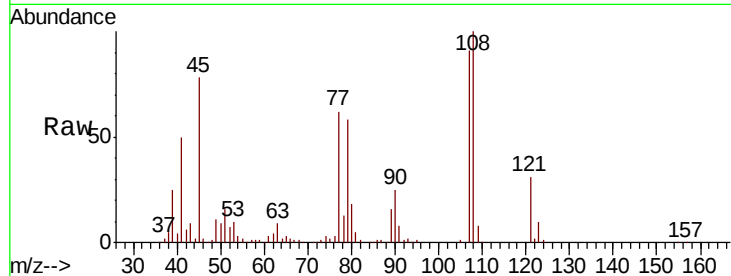
#17
2-Methylphenol
Concen: 51.539 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	87.9	131.9	
77	68.4	45.3	67.9	
79	63.4	43.0	64.4	

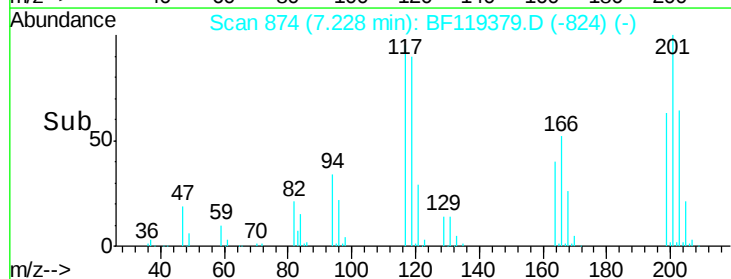
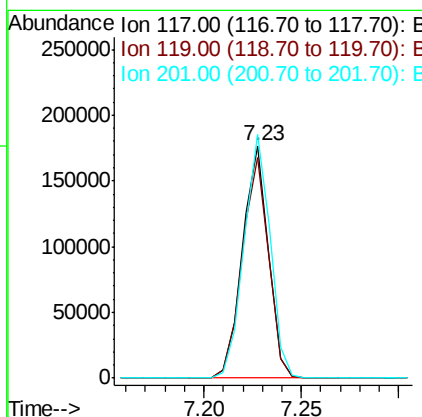
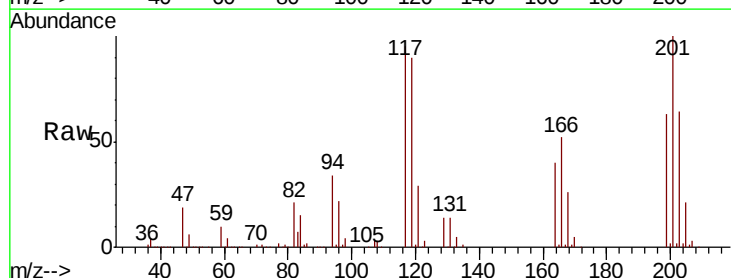
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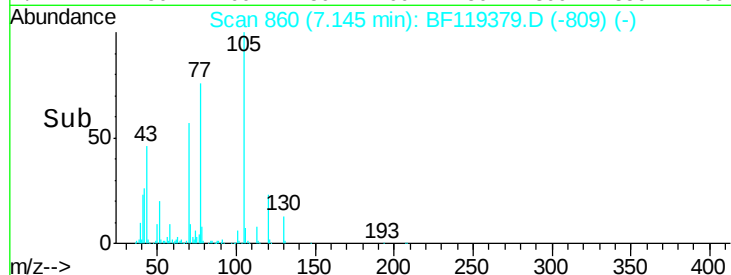
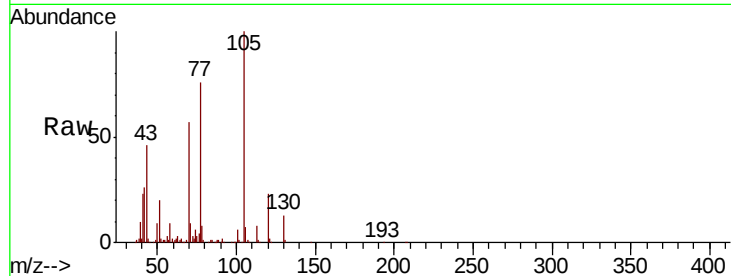
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#18
Hexachloroethane
Concen: 49.225 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	77.5	116.3	
201	104.8	82.6	123.8	





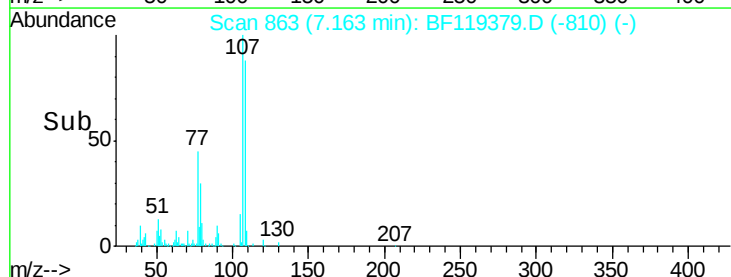
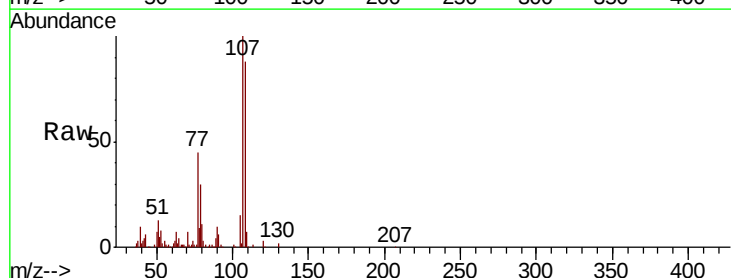
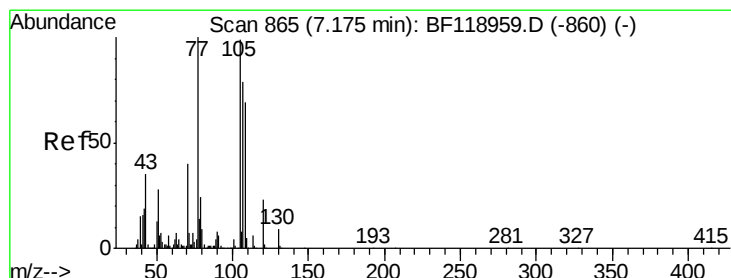
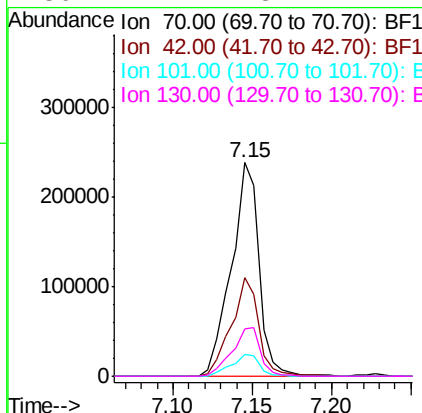
#19
n-Nitroso-di-n-propylamine
Concen: 57.285 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		289994		
42	46.1	38.0	57.0		
101	10.1	8.2	12.4		
130	22.2	18.2	27.4		

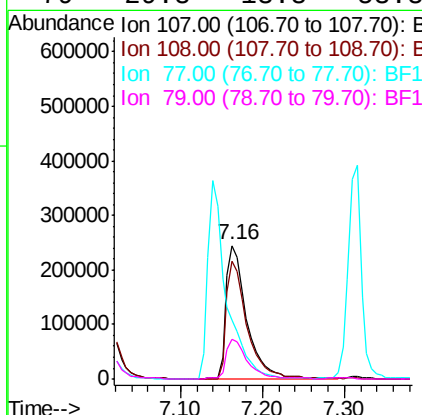
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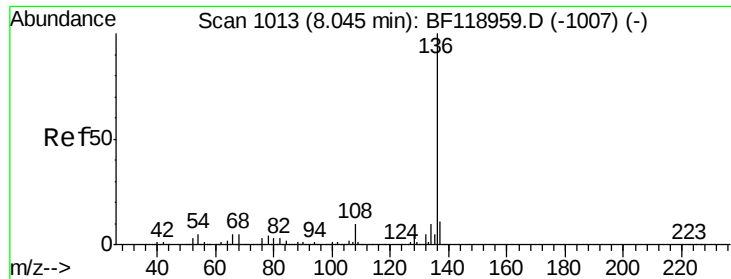
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#20
3+4-Methylphenols
Concen: 55.998 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		428793		
108	88.2	71.5	111.5		
77	44.7	45.9	85.9		
79	29.8	13.8	53.8		





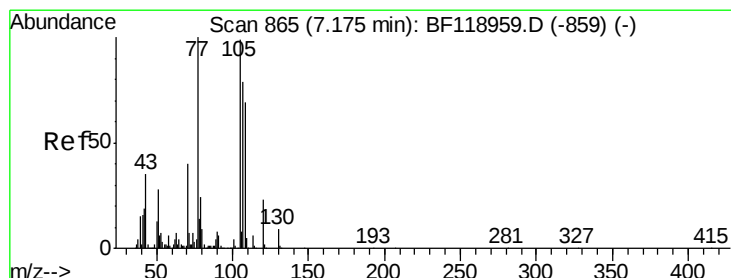
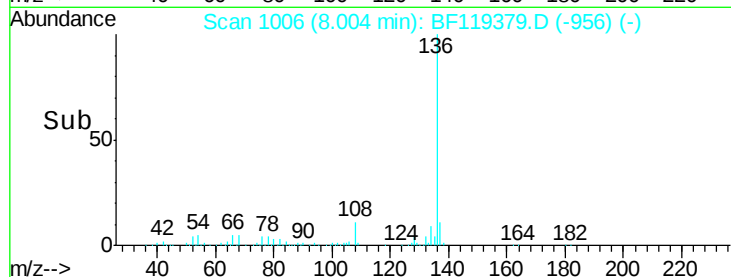
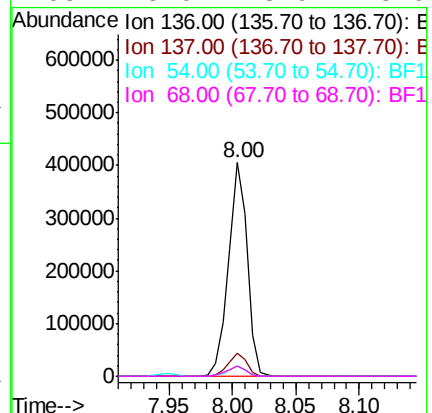
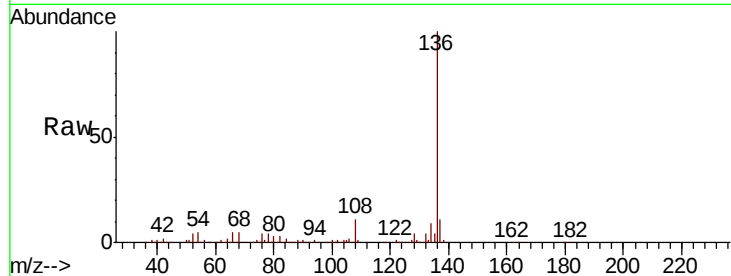
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		413982		
137	11.1		8.8	13.2	
54	4.9		3.8	5.6	
68	5.0		3.9	5.9	

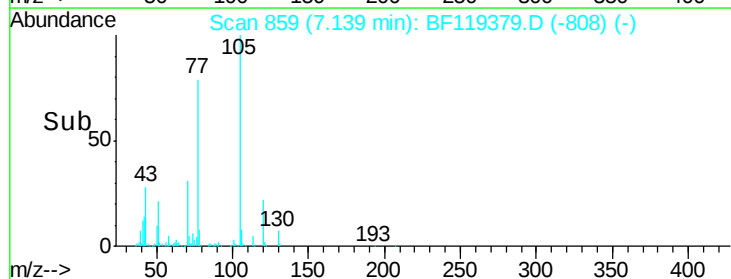
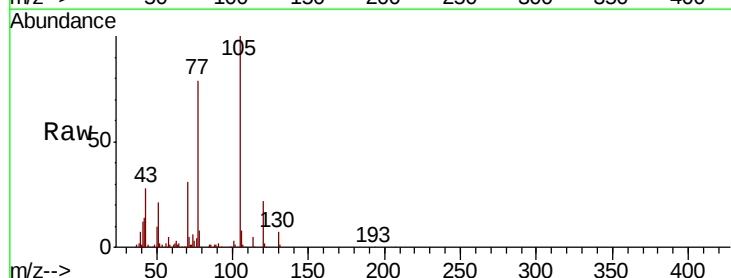
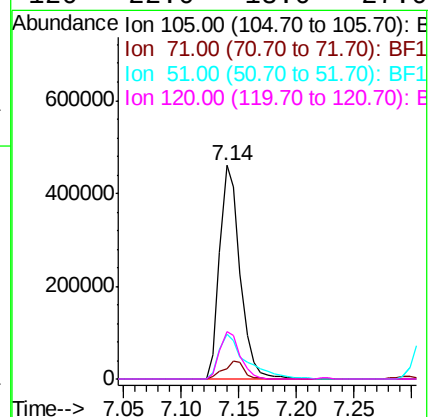
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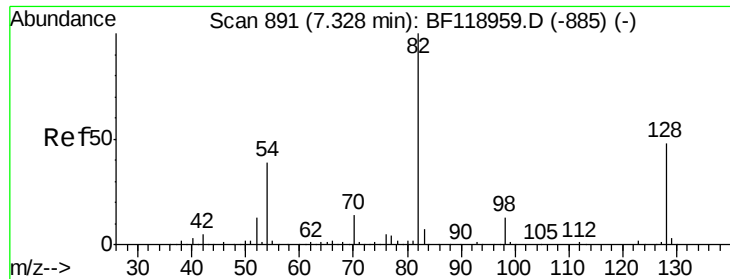
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#22
Acetophenone
Concen: 59.041 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		565522		
71	5.0		3.0	4.4#	
51	21.2		20.1	30.1	
120	22.0		18.0	27.0	





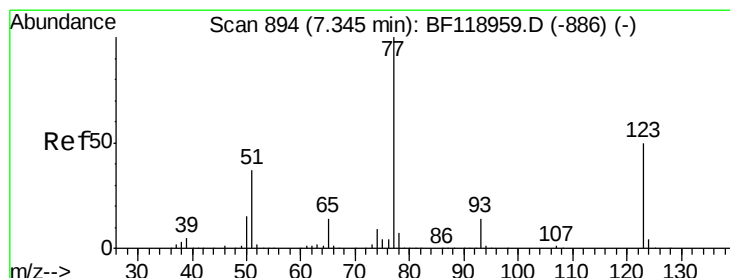
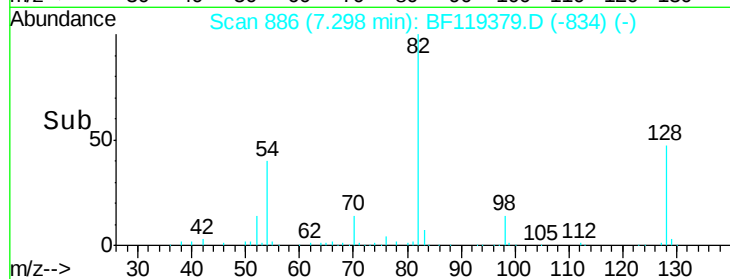
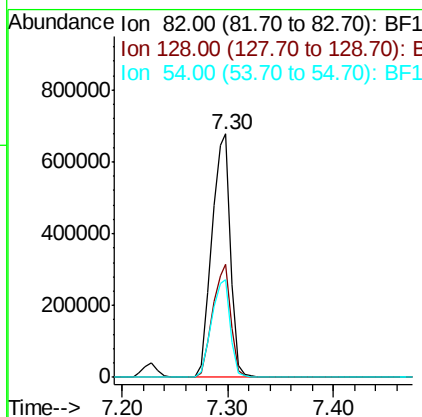
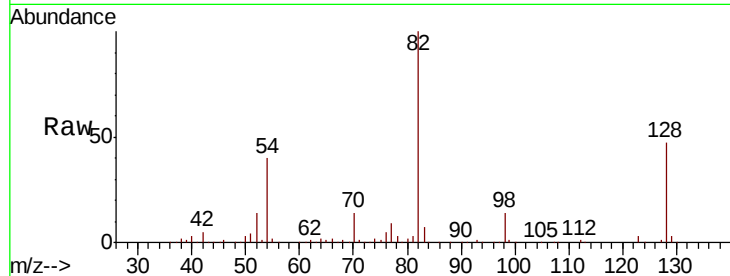
#23
 Nitrobenzene-d5
 Concen: 107.917 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-031020MS

Tot Ion	82	Resp	846130
Ion Ratio	100	Lower	Upper
82	100		
128	46.5	37.9	56.9
54	40.2	33.4	50.2

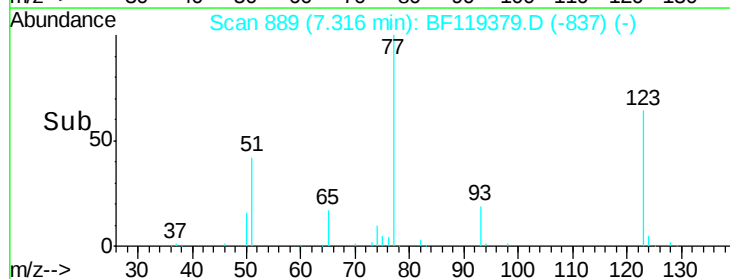
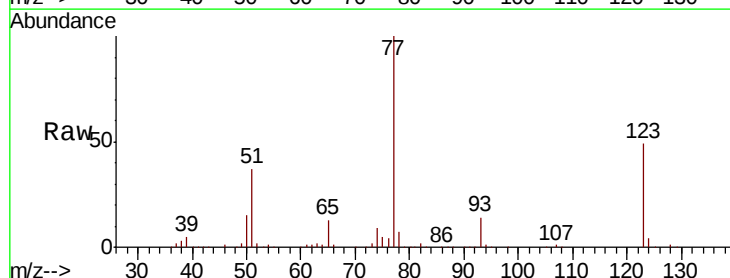
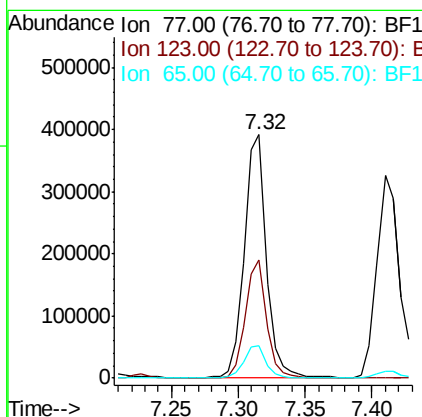
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#24
 Nitrobenzene
 Concen: 56.669 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Tgt Ion	77	Resp	439385
Ion Ratio	100	Lower	Upper
77	100		
123	48.5	40.2	60.2
65	13.3	10.8	16.2





#25

Isophorone

Concen: 57.937 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

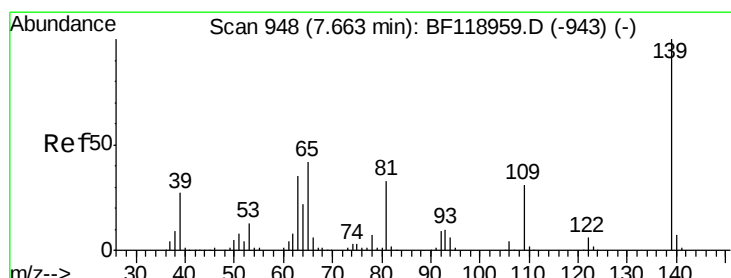
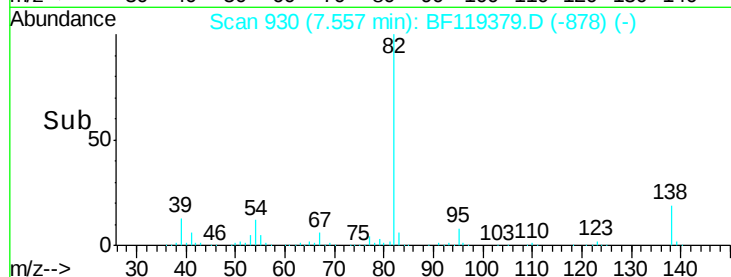
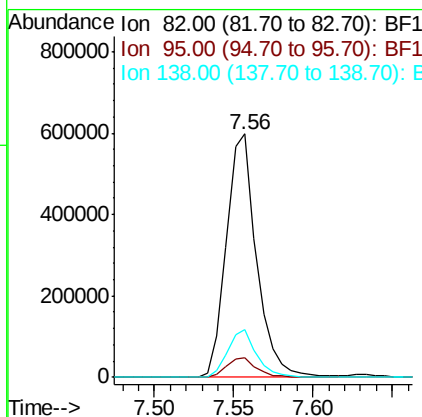
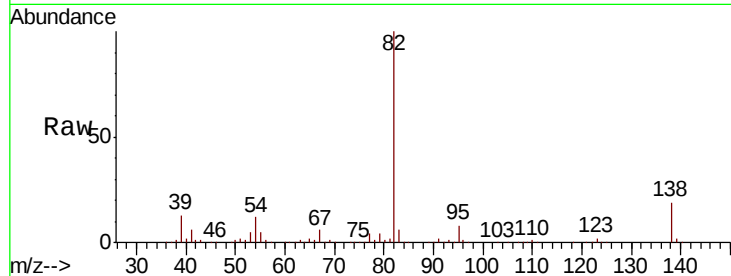
ClientSampleId :

OK-03-031020MS

Tot Ion:	82	Resp:	788911
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.4	9.6
138	19.4	15.7	23.5

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#26

2-Nitrophenol

Concen: 55.067 ng

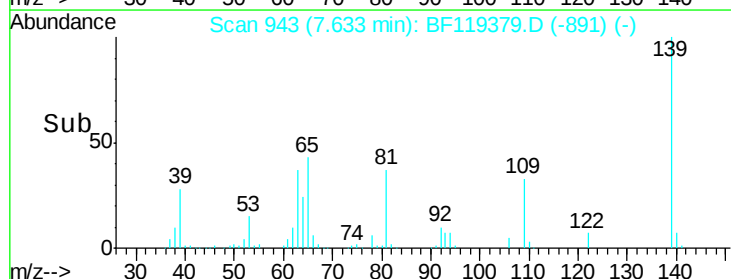
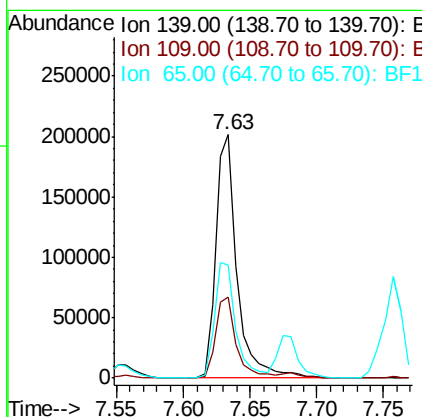
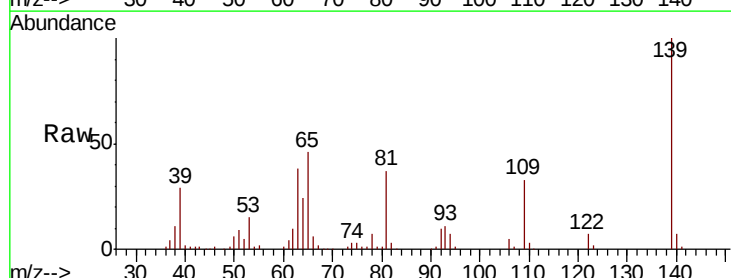
RT: 7.63 min Scan# 943

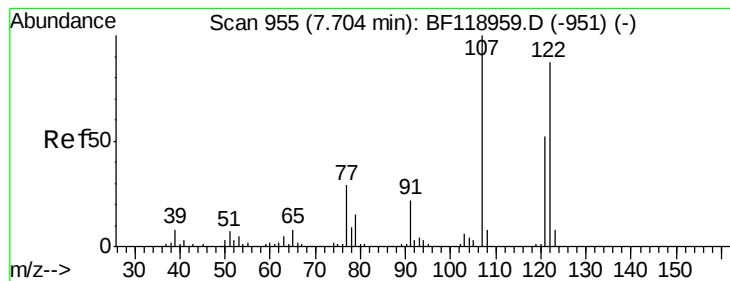
Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Tgt Ion:	139	Resp:	226224
Ion Ratio	Lower	Upper	
139	100		
109	33.1	25.7	38.5
65	46.4	37.1	55.7





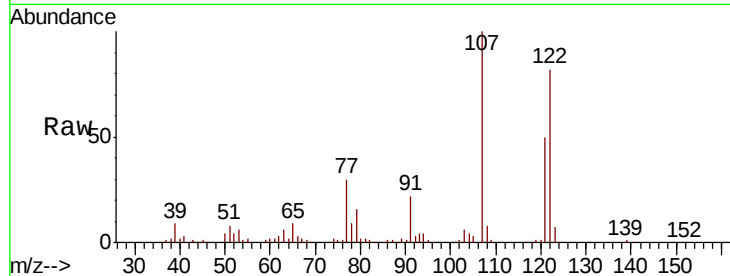
#27
2,4-Dimethylphenol
Concen: 62.886 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.3	93.8	140.6
121	60.1	48.2	72.2

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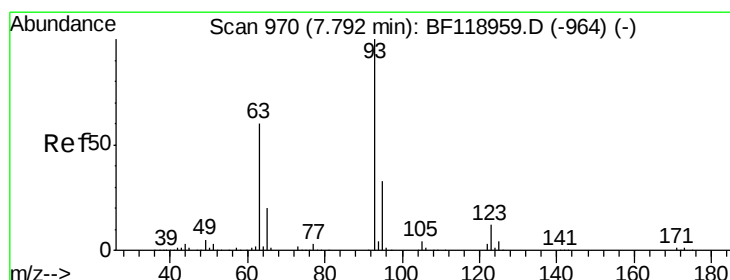
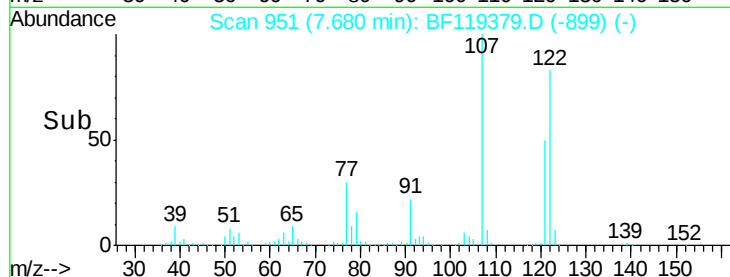
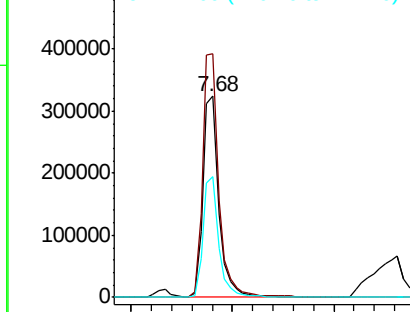


Abundance

Ion 122.00 (121.70 to 122.70): E

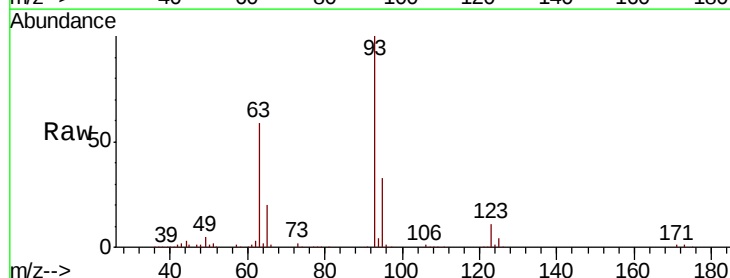
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 47.176 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	11.4	10.2	15.2

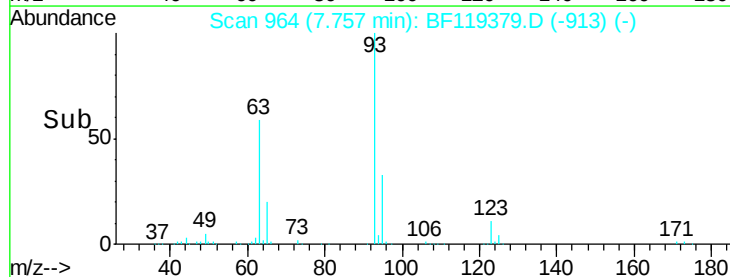
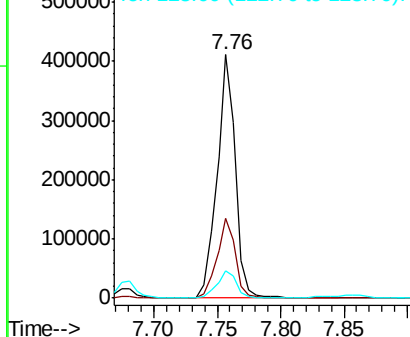


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





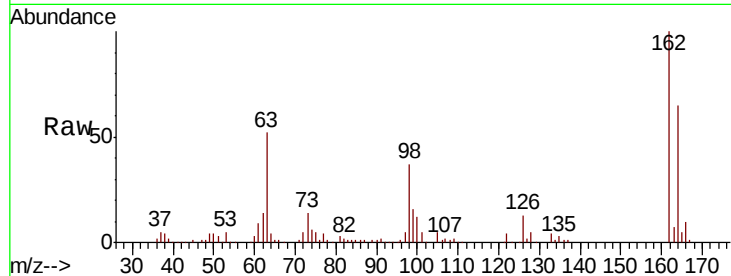
#29
2,4-Dichlorophenol
Concen: 49.643 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.7	45.2	85.2	
98	36.7	17.4	57.4	

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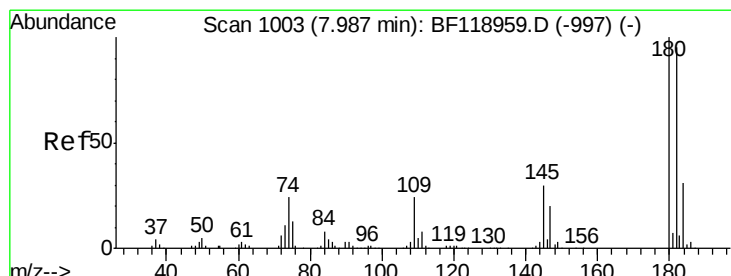
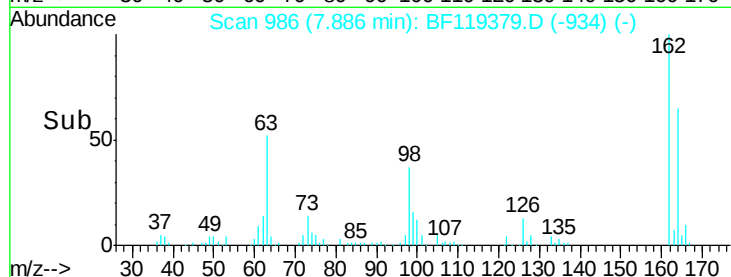
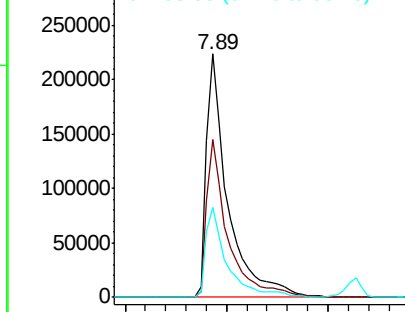


Abundance

Ion 162.00 (161.70 to 162.70): E

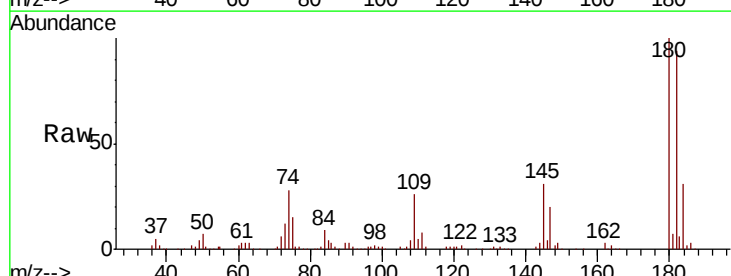
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 45.551 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.3	77.8	116.6	
145	30.6	25.2	37.8	

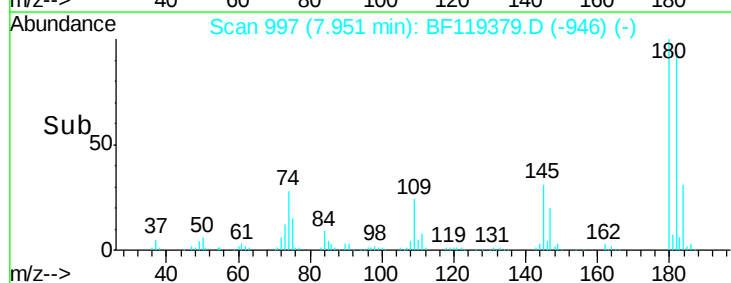
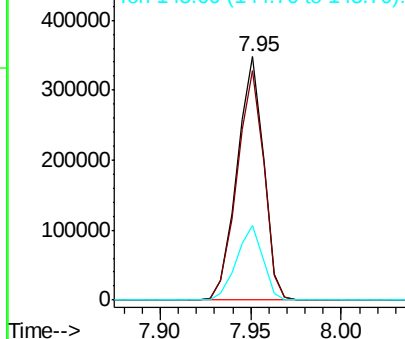


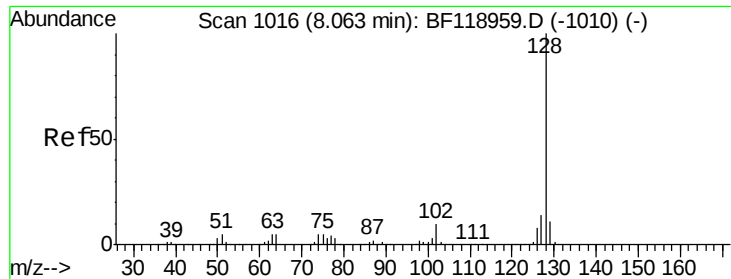
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





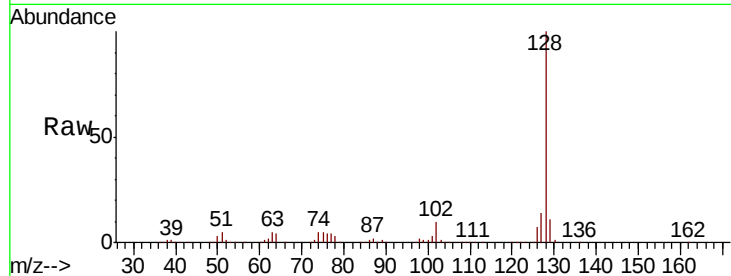
#31
Naphthalene
Concen: 50.068 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	13.7	11.4	17.2

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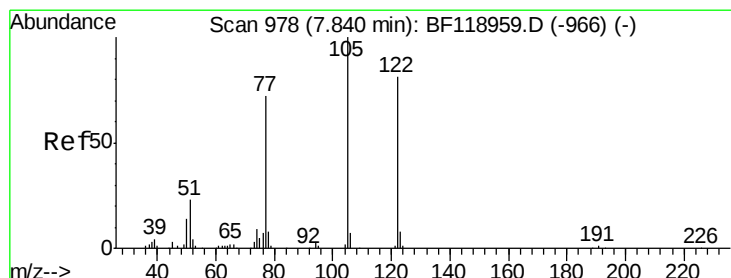
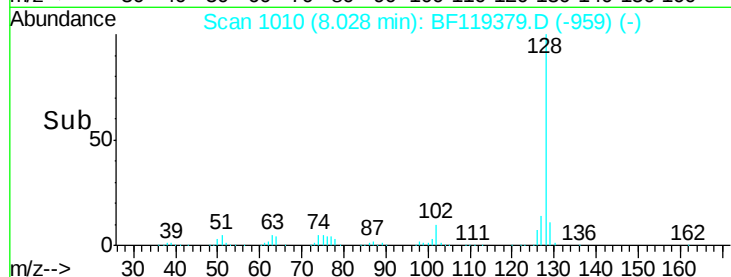
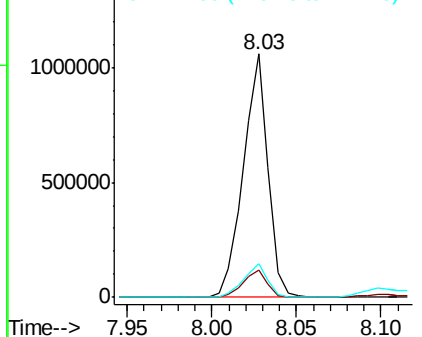


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 43.562 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.02 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

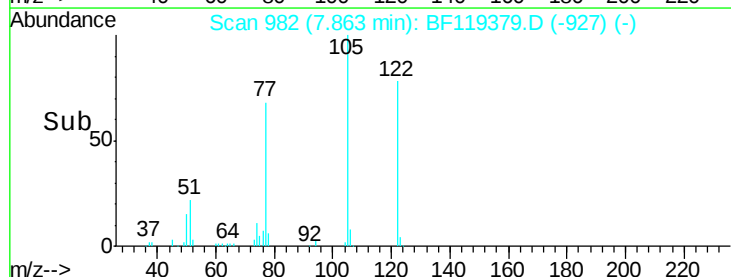
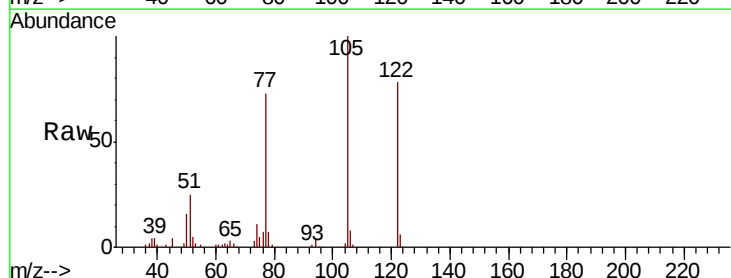
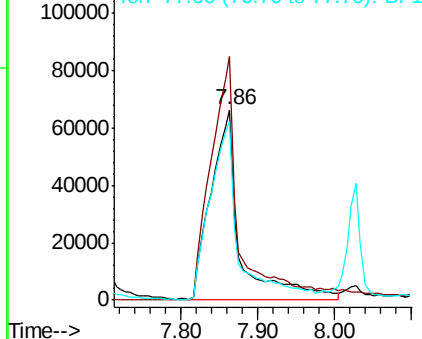
Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.0	106.3	146.3
77	93.9	73.1	113.1

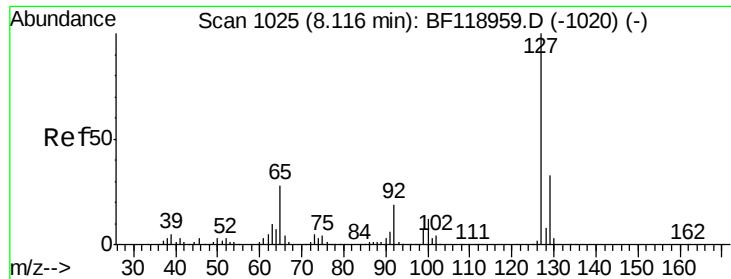
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





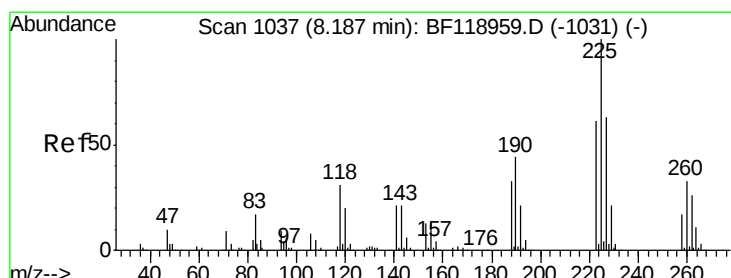
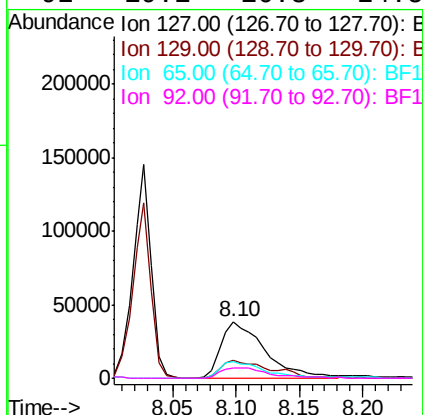
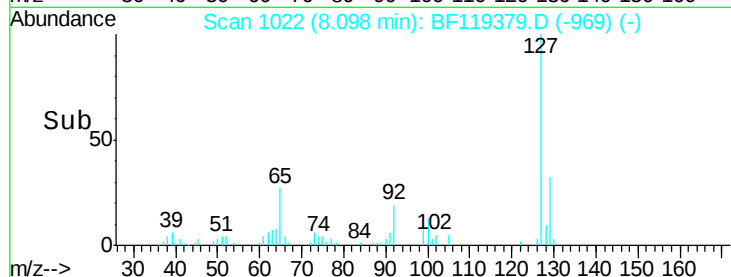
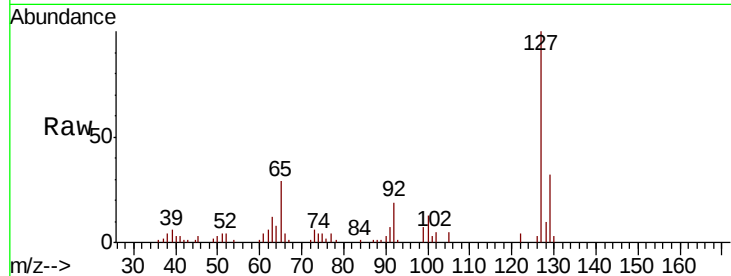
#33
4-Chloroaniline
Concen: 10.113 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	25.9	38.9		
65	28.8	23.9	35.9		
92	19.1	16.3	24.5		

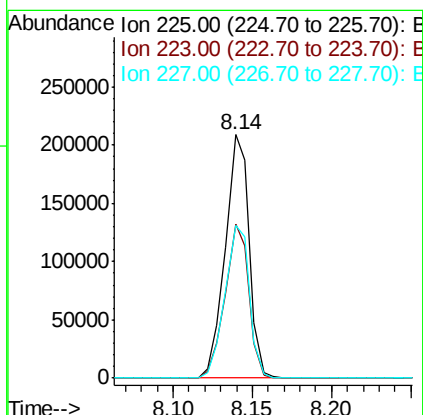
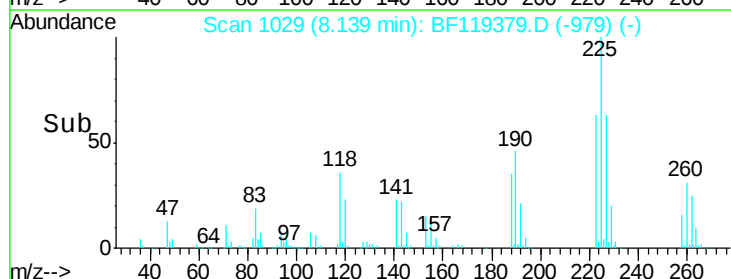
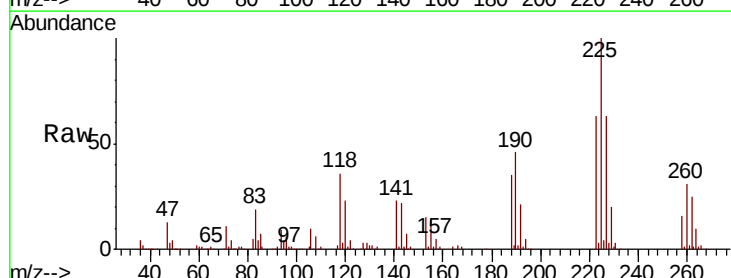
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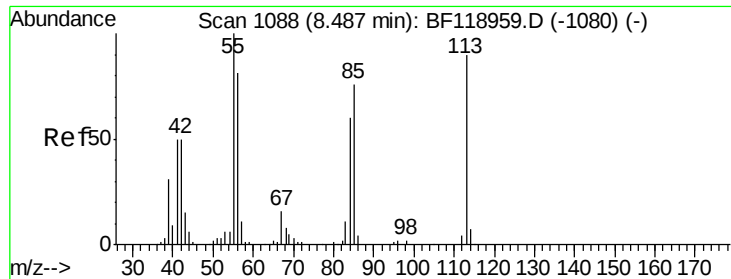
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#34
Hexachlorobutadiene
Concen: 45.107 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	49.4	74.2		
227	62.8	52.9	79.3		





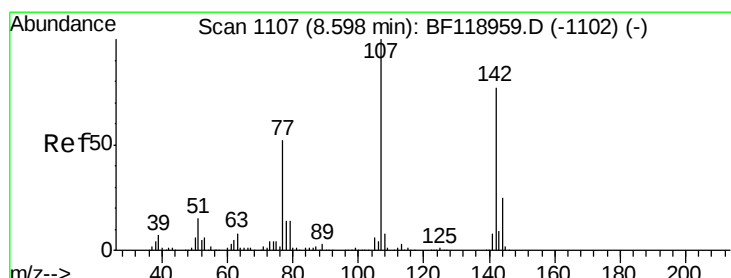
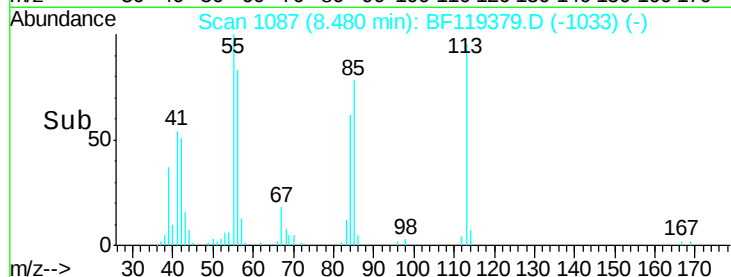
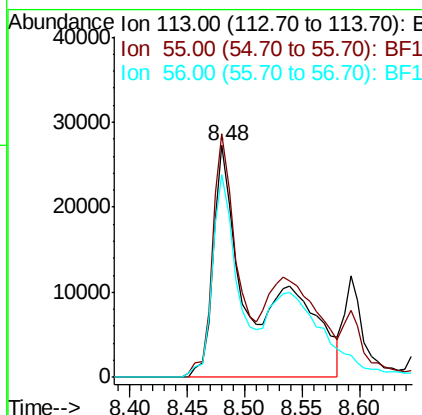
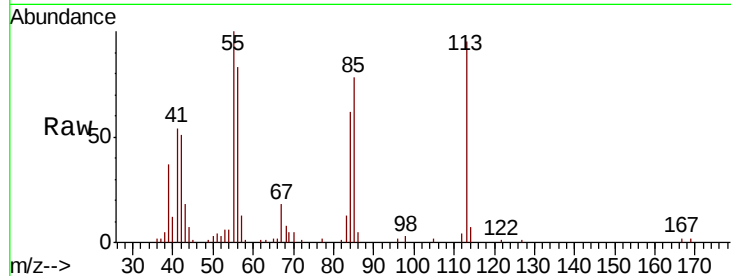
#35
Caprolactam
Concen: 35.782 ng/ml
RT: 8.48 min Scan# 1087
Delta R.T. 0.02 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	105.1	95.7	135.7
56	87.3	73.1	113.1

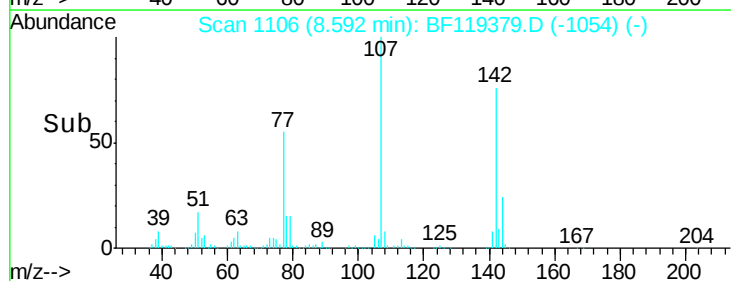
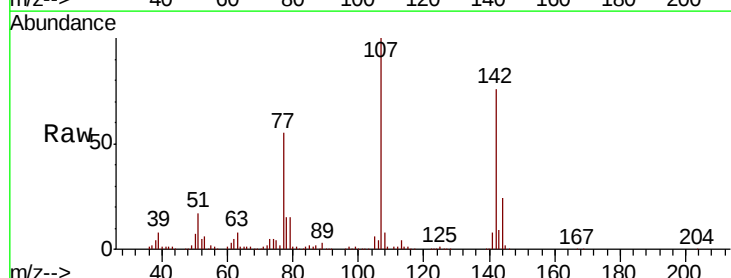
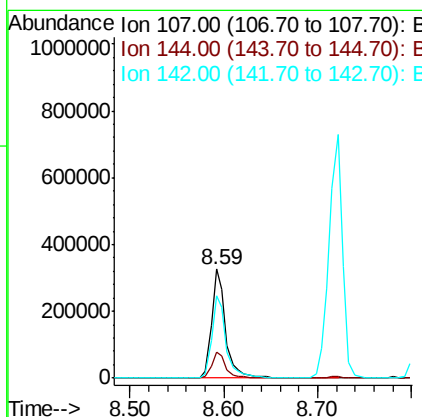
Manual Integrations
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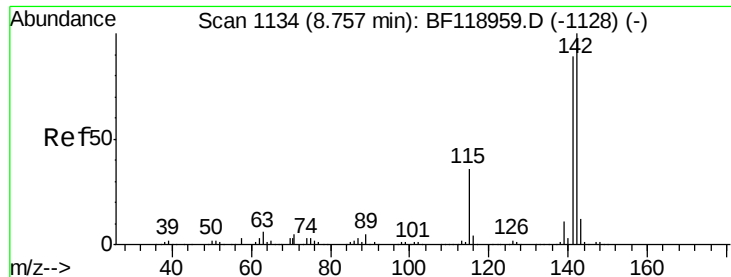
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#36
4-Chloro-3-methylphenol
Concen: 52.514 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.1	30.1
142	75.6	61.4	92.2





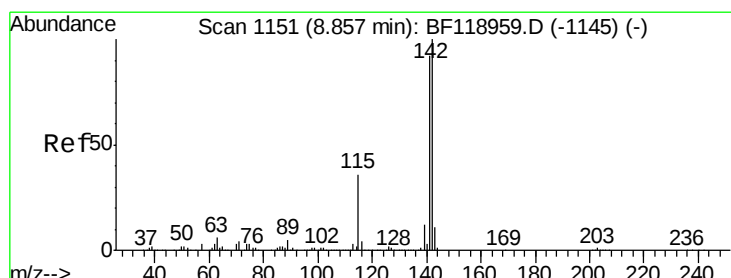
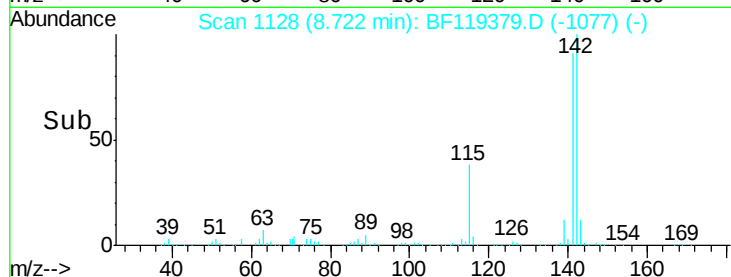
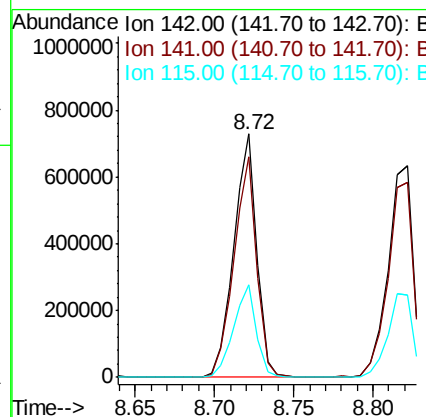
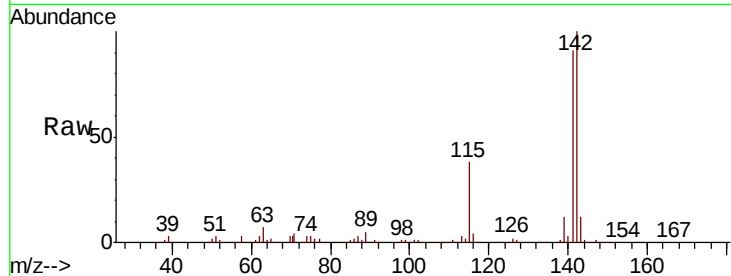
#37
2-Methylnaphthalene
Concen: 50.512 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.3	108.5
115	38.3	30.6	45.8

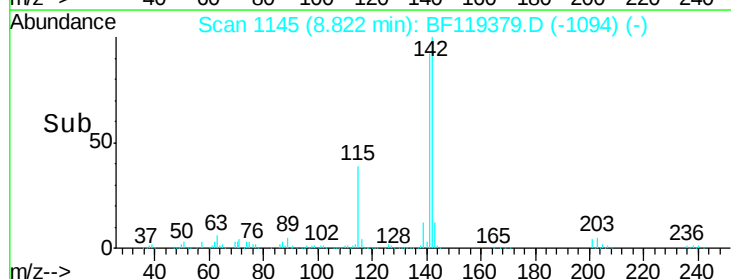
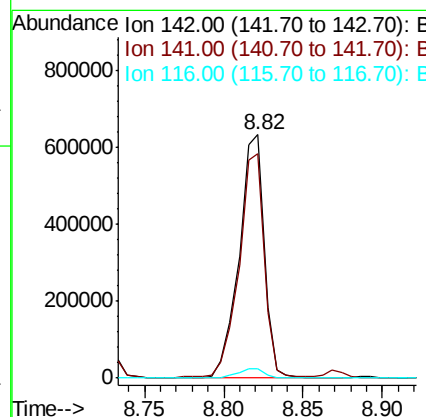
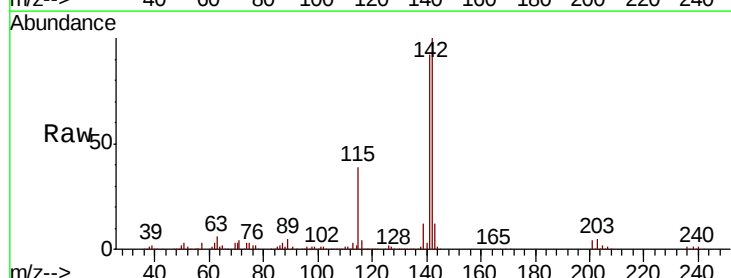
Manual Integrations
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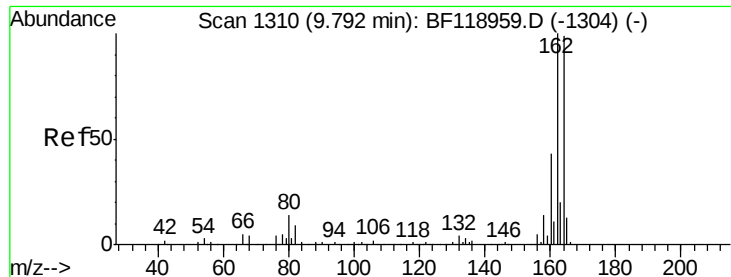
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#38
1-Methylnaphthalene
Concen: 50.920 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	75.8	113.6
116	3.9	3.1	4.7





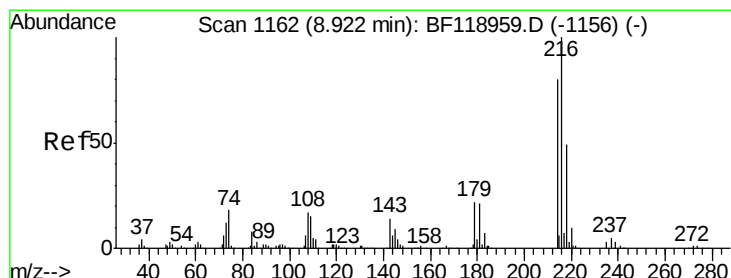
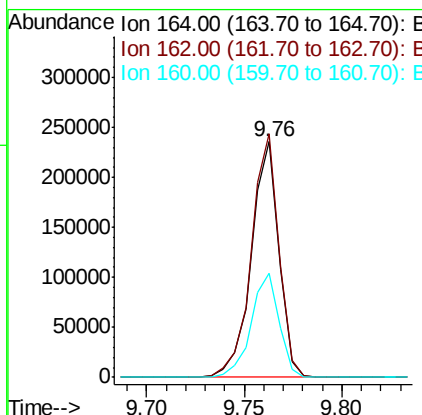
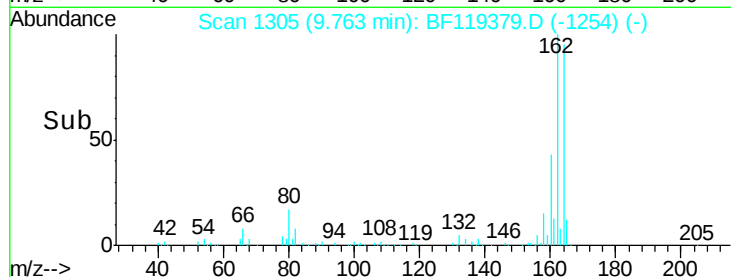
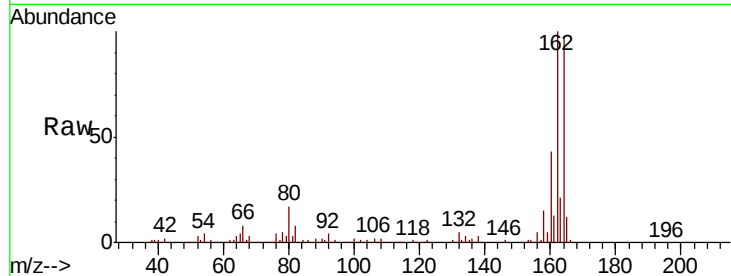
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.8	122.8
160	44.1	36.0	54.0

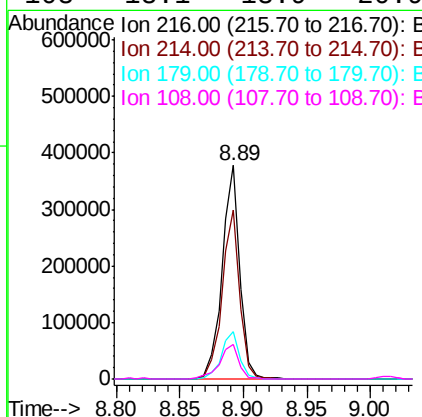
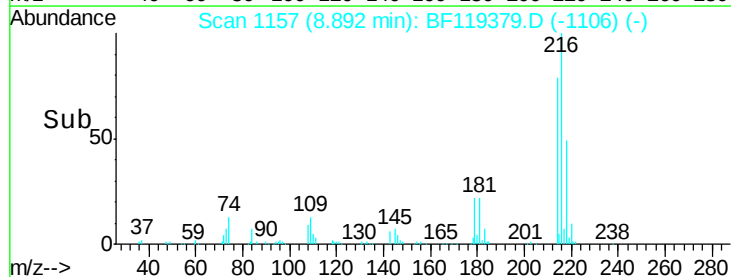
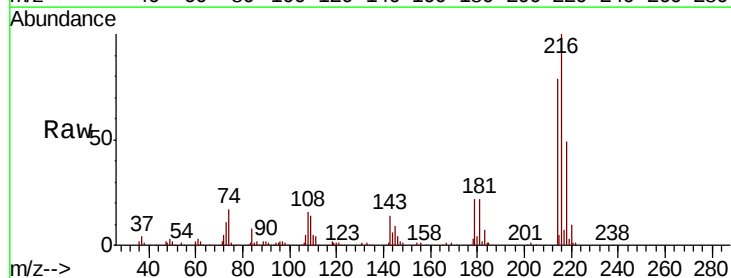
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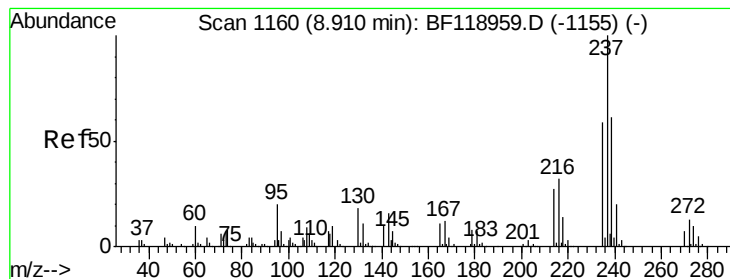
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.110 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.3	94.9
179	22.4	17.7	26.5
108	18.1	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 51.025 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

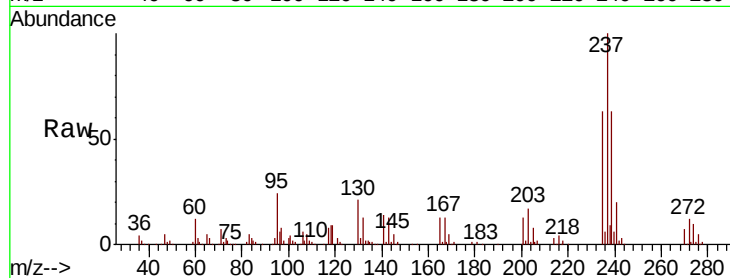
ClientSampleId :

OK-03-031020MS

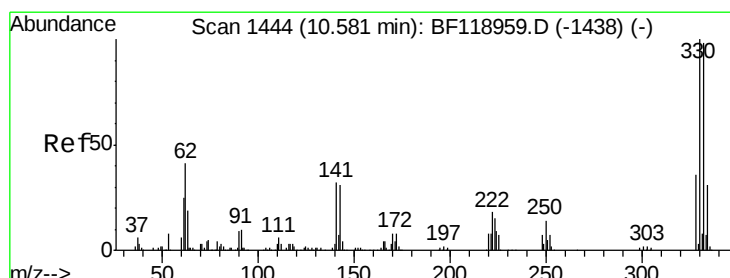
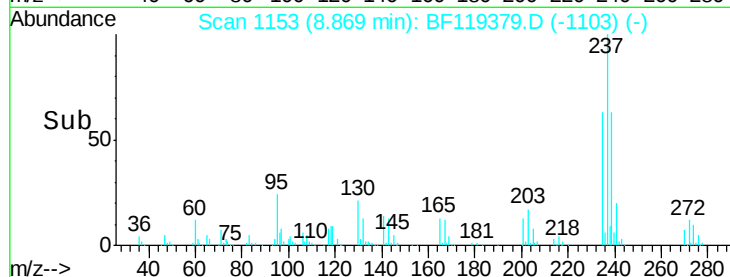
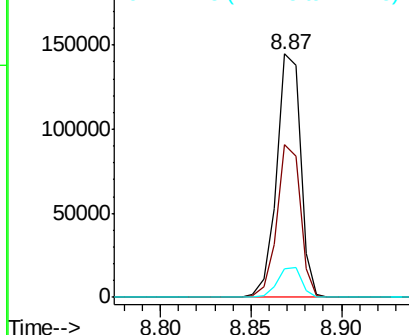
Tot Ion:	237	Resp:	133200
Ion Ratio	Lower	Upper	
237	100		
235	63.0	42.3	82.3
272	12.0	0.0	33.5

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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: 152.934 ng

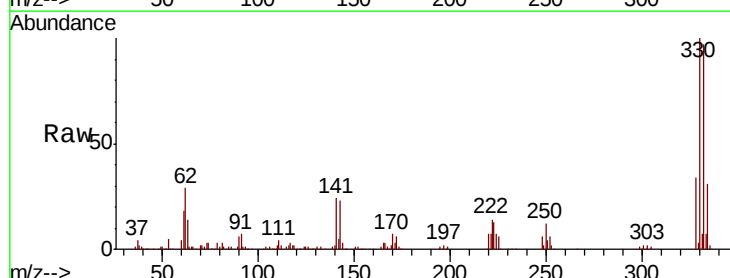
RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

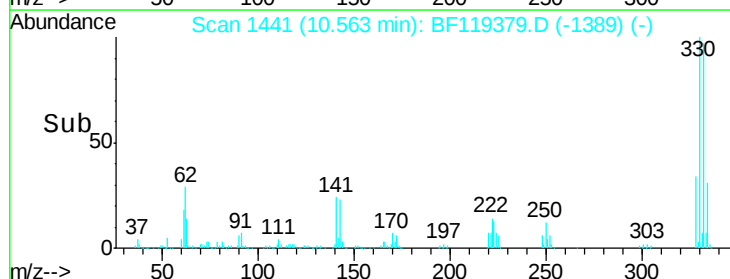
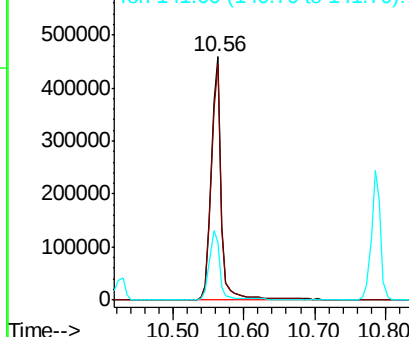
Lab File: BF119379.D

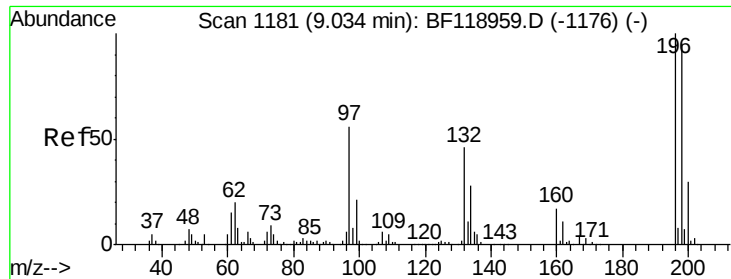
Acq: 12 Mar 2020 13:51

Tgt Ion:	330	Resp:	460339
Ion Ratio	Lower	Upper	
330	100		
332	95.0	76.0	114.0
141	29.4	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





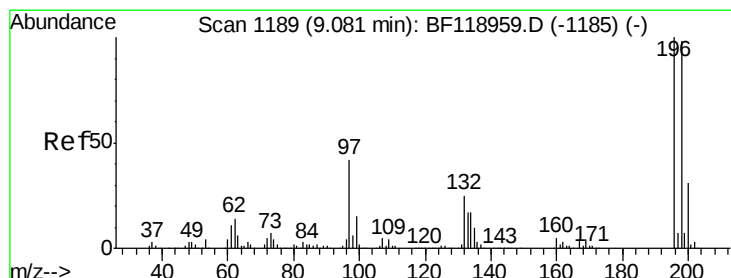
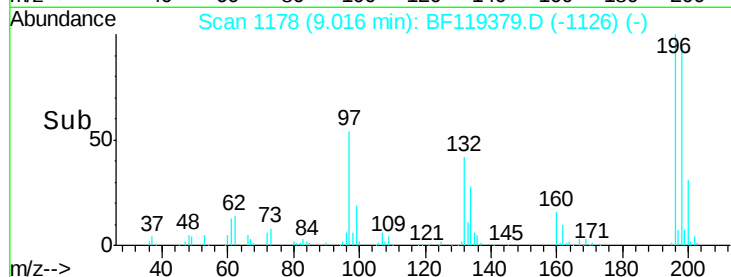
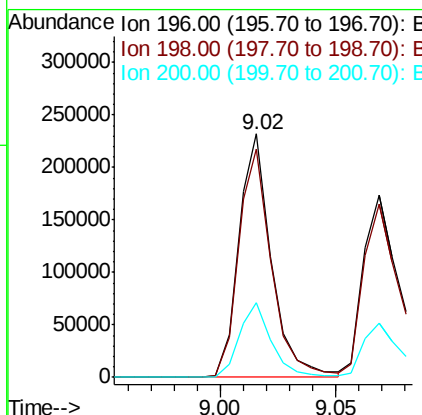
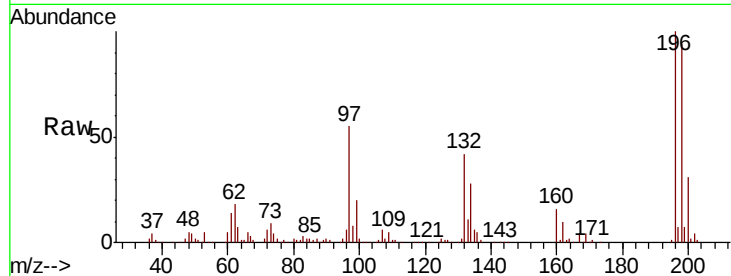
#43
 2,4,6-Trichlorophenol
 Concen: 46.461 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-031020MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	227617		
198	93.9	77.1	115.7	
200	30.7	25.0	37.6	

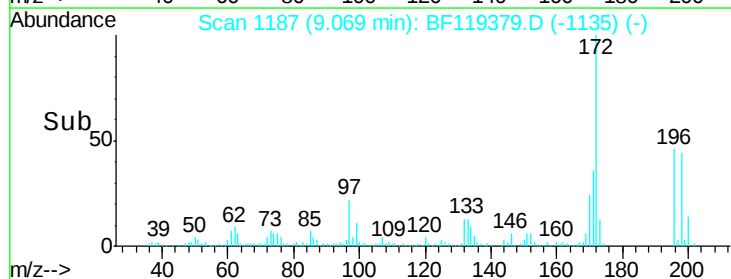
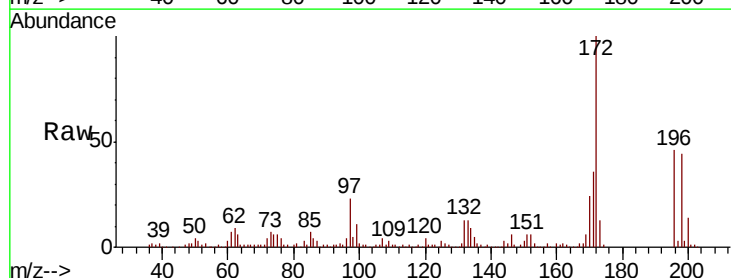
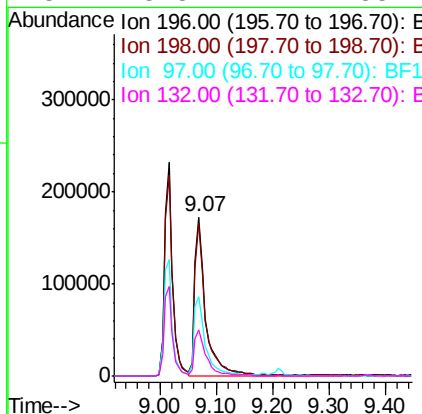
Manual Integrations
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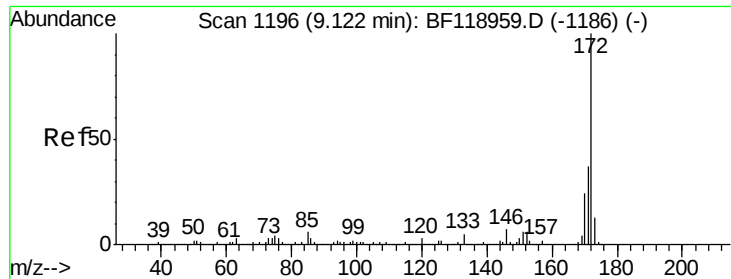
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.536 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	234095		
198	95.6	76.8	115.2	
97	49.5	38.5	57.7	
132	28.8	22.2	33.4	





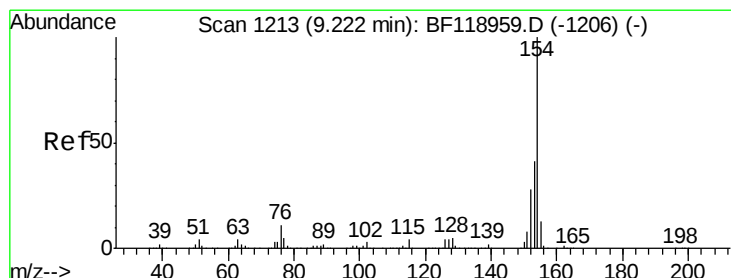
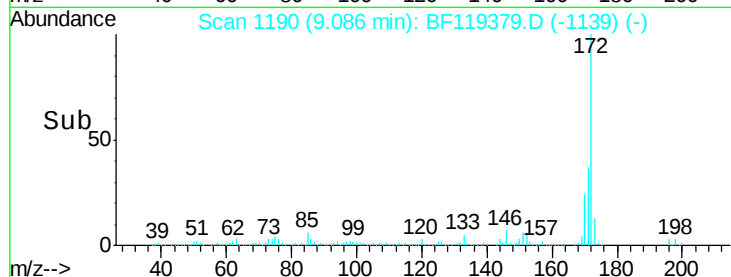
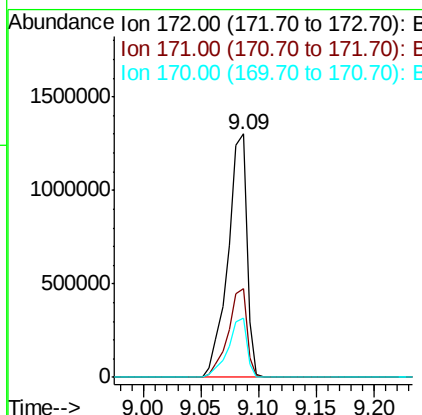
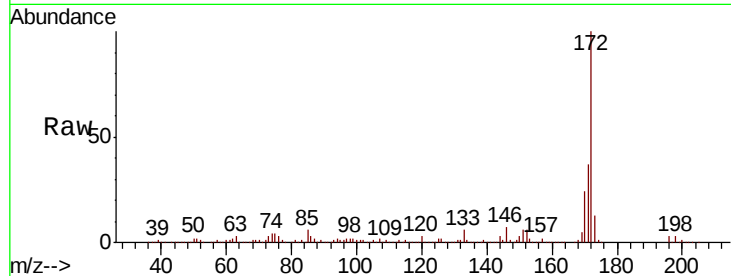
#45
2-Fluorobiphenyl
Concen: 95.026 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	45.8
170	24.4	20.2	30.2

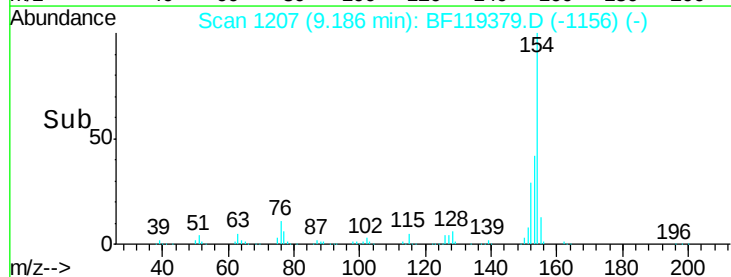
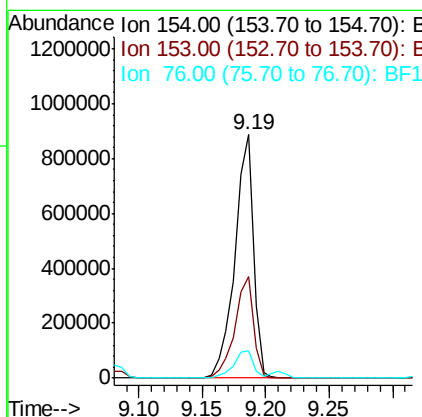
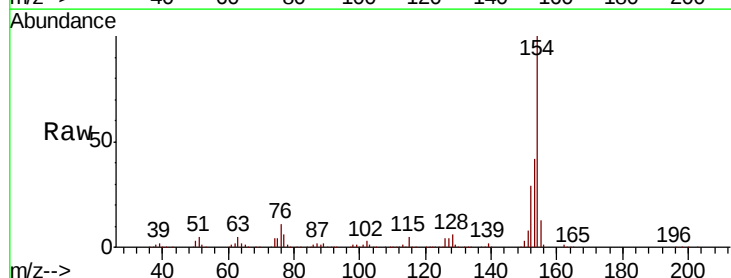
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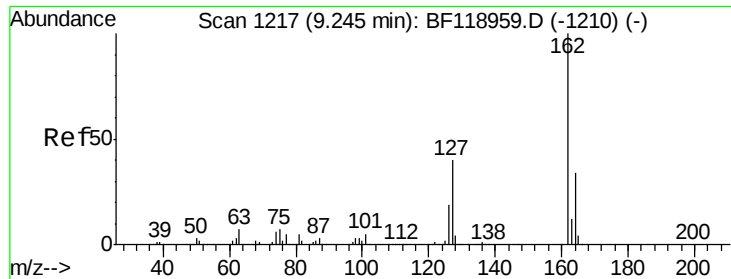
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#46
1,1'-Biphenyl
Concen: 48.064 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.8	62.8
76	11.4	0.0	32.2





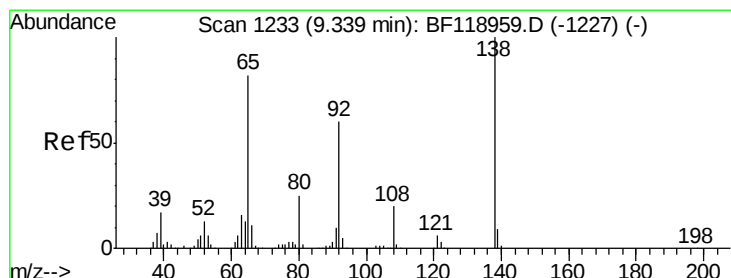
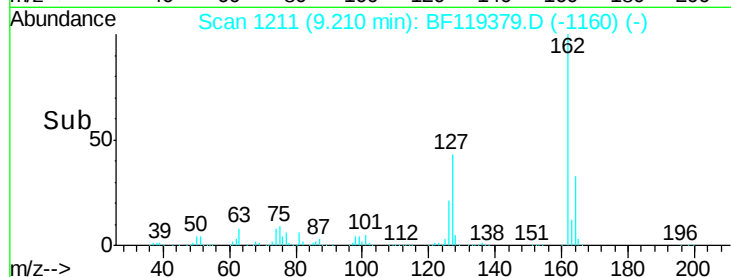
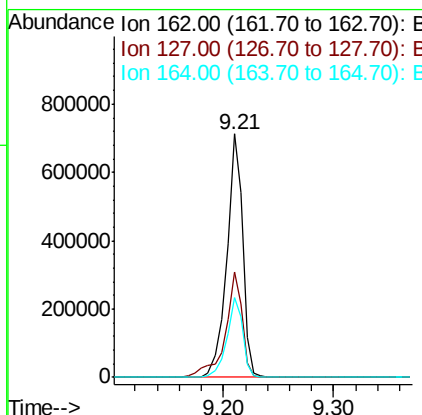
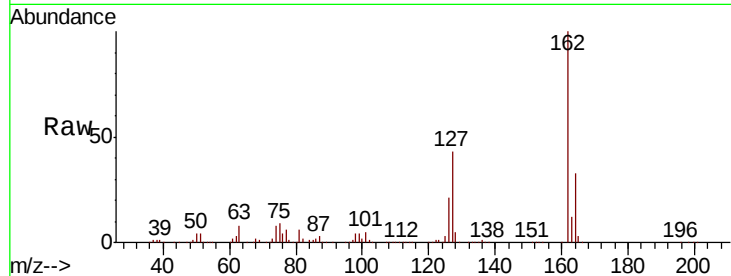
#47
2-Chloronaphthalene
Concen: 48.015 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.2	35.0	52.4	
164	32.7	27.2	40.8	

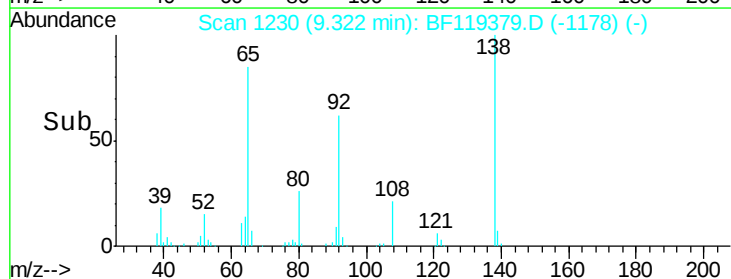
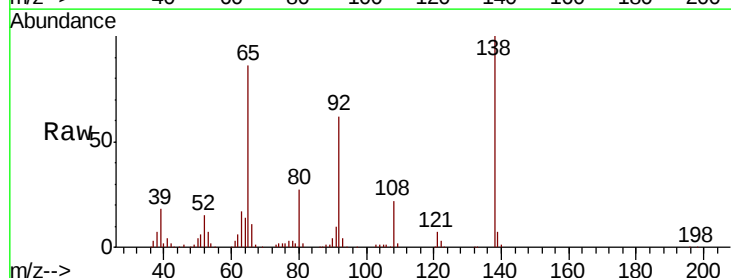
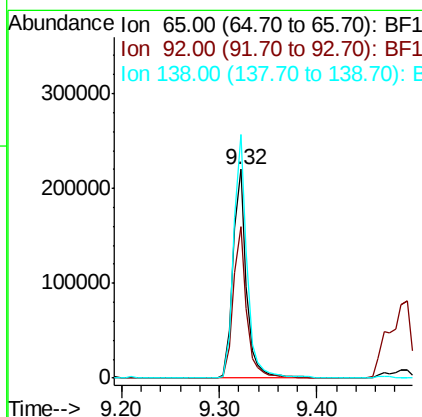
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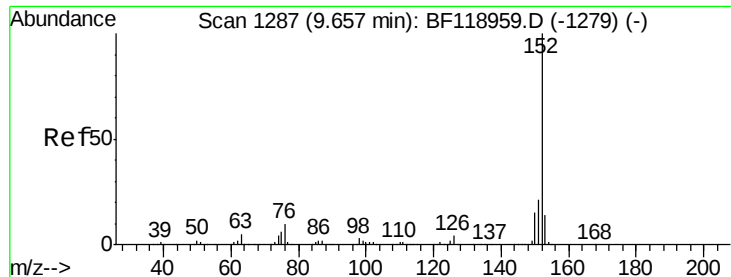
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#48
2-Nitroaniline
Concen: 50.488 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	72.5	58.2	87.2	
138	116.7	95.6	143.4	





#49

Acenaphthylene

Concen: 49.695 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampleId :

OK-03-031020MS

Tot Ion:152 Resp: 1075619

Ion Ratio Lower Upper

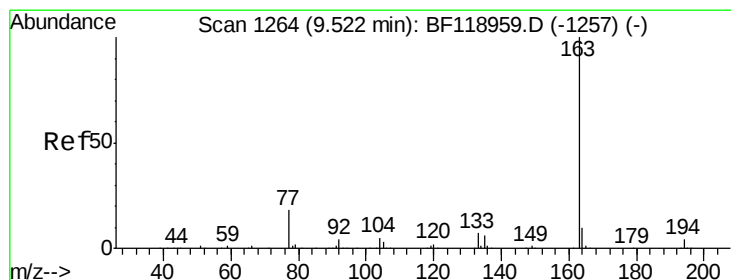
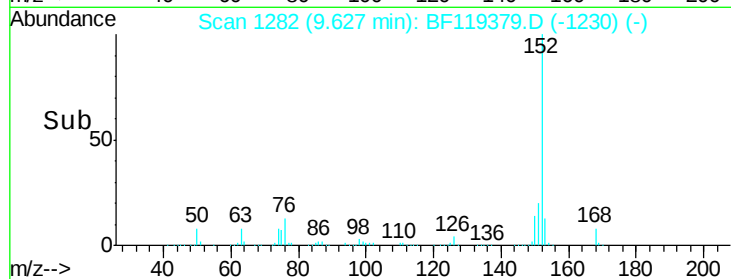
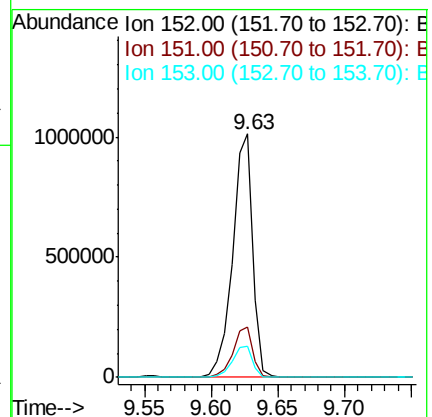
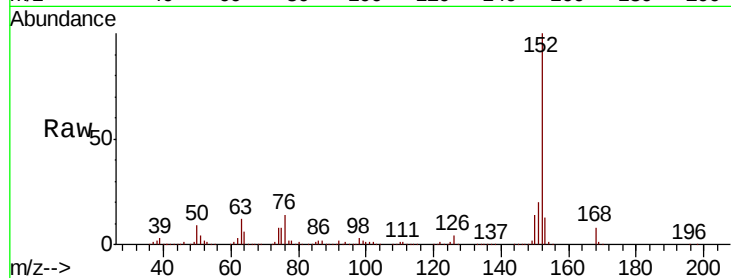
152 100

151 20.5 16.9 25.3

153 13.0 11.0 16.6

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#50

Dimethylphthalate

Concen: 51.311 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

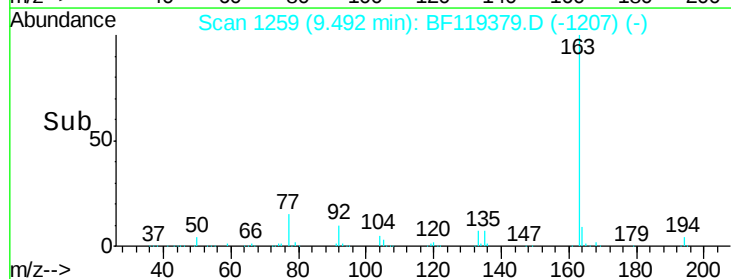
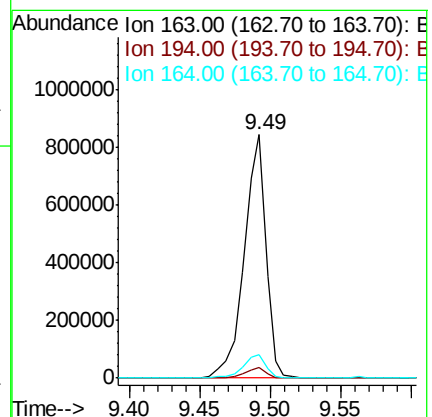
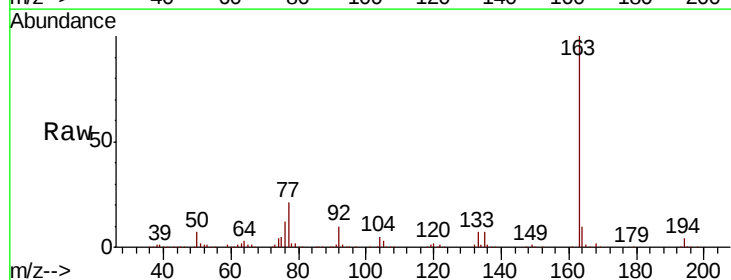
Tgt Ion:163 Resp: 902814

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 9.8 8.4 12.6





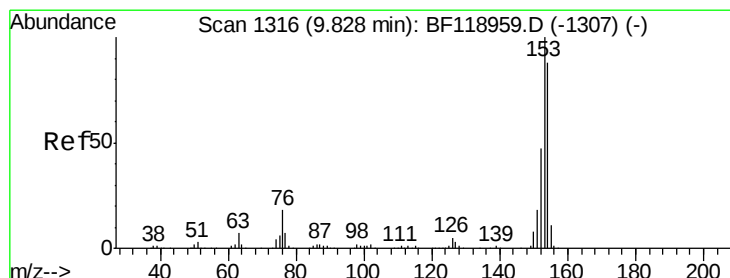
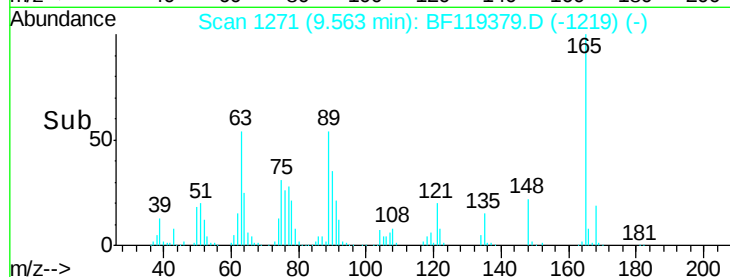
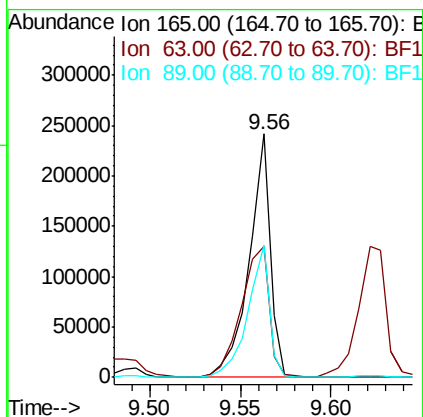
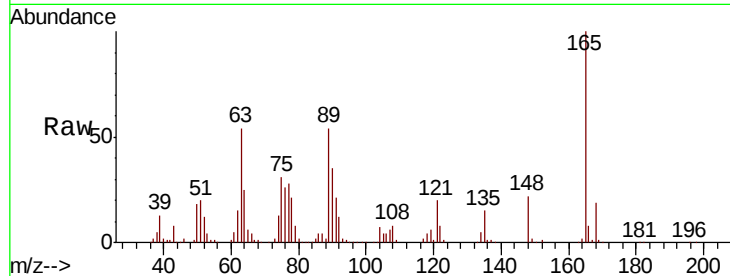
#51
2,6-Dinitrotoluene
Concen: 50.213 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	53.9	34.3	51.5#
89	54.1	38.3	57.5

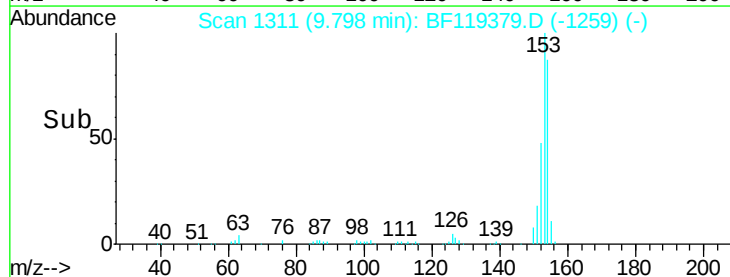
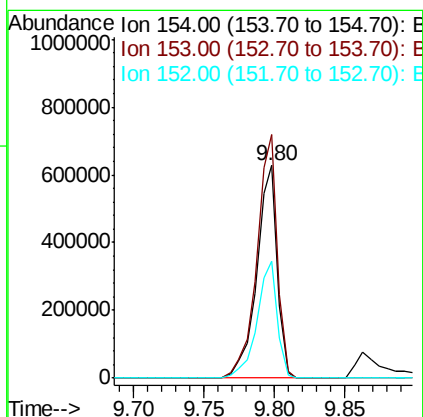
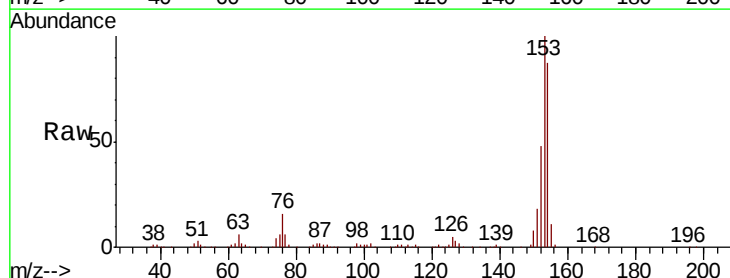
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#52
Acenaphthene
Concen: 49.459 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.6	90.3	135.5
152	55.2	43.8	65.8





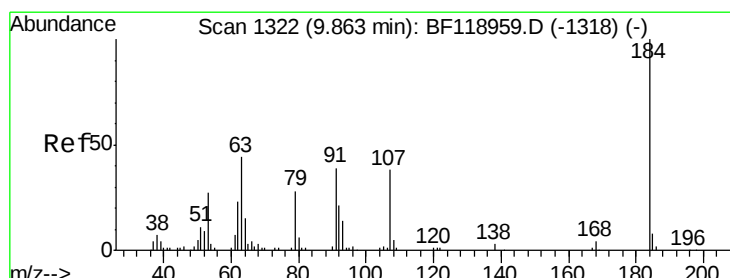
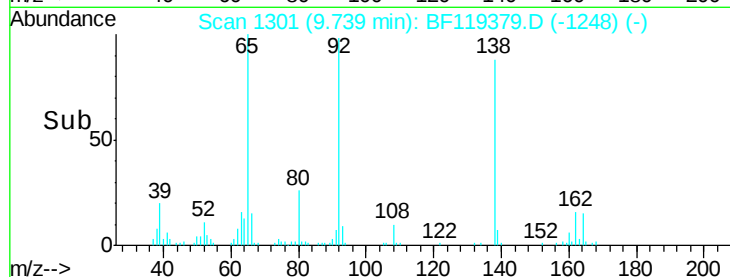
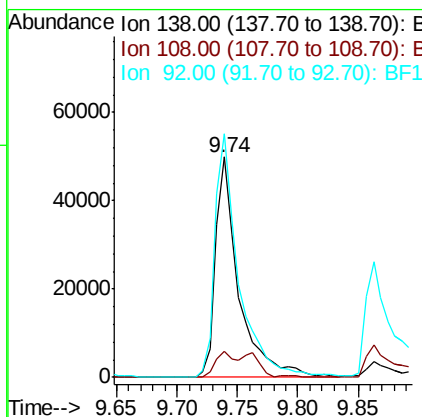
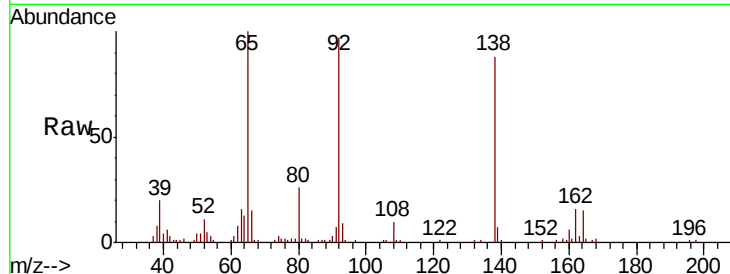
#53
3-Nitroaniline
Concen: 15.199 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.8	13.2
92	110.6	84.8	127.2

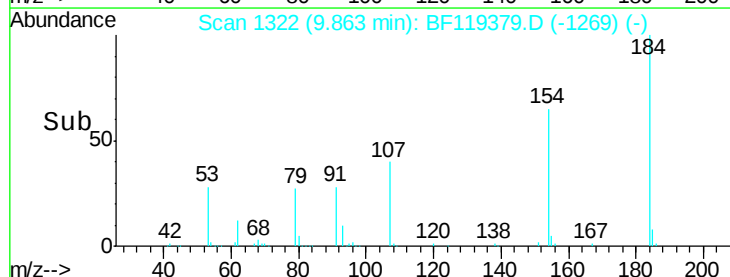
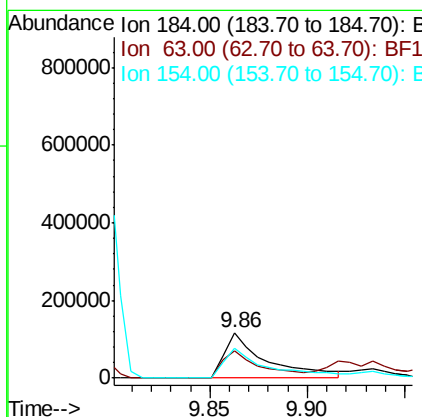
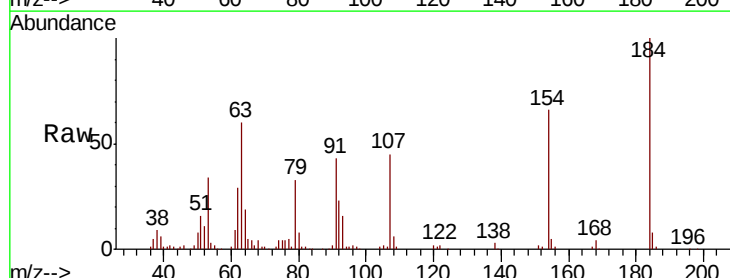
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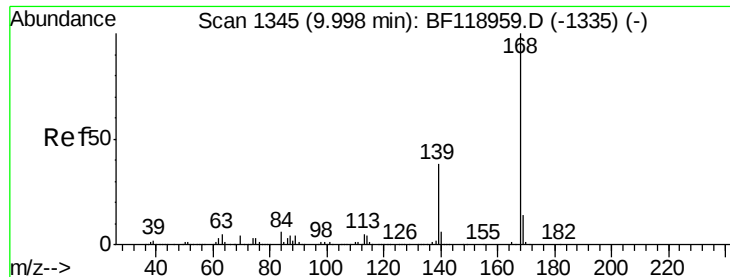
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#54
2,4-Dinitrophenol
Concen: 89.939 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.2	38.7	58.1#
154	65.6	49.7	74.5





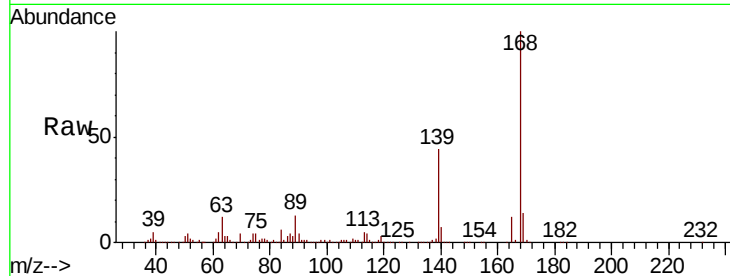
#55
Dibenzenofuran
Concen: 51.191 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.0	34.0	51.0
169	13.8	11.0	16.4

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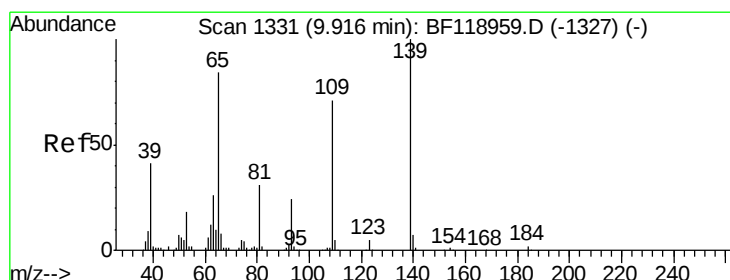
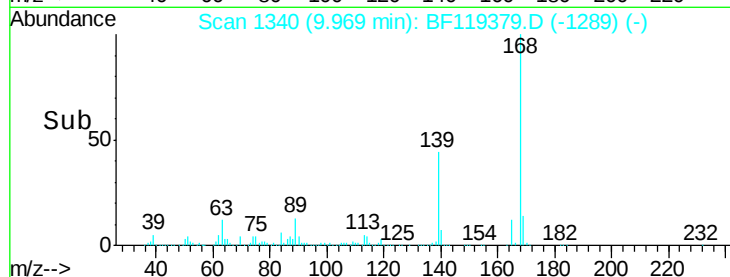
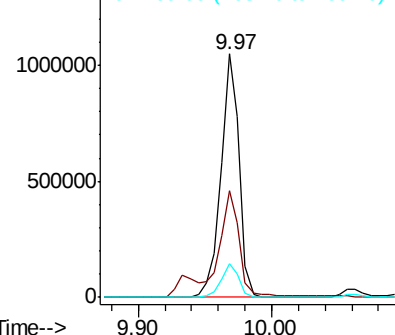


Abundance

Ion 168.00 (167.70 to 168.70): E

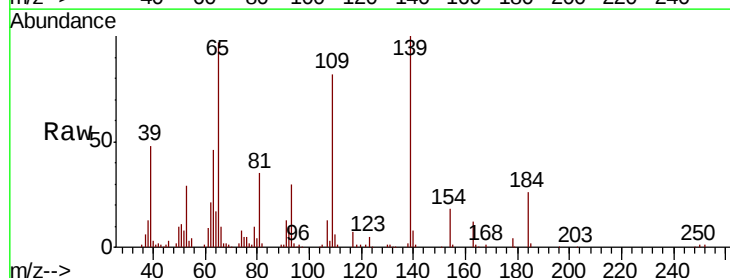
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 37.006 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.6	56.7	96.7
65	96.7	65.0	105.0

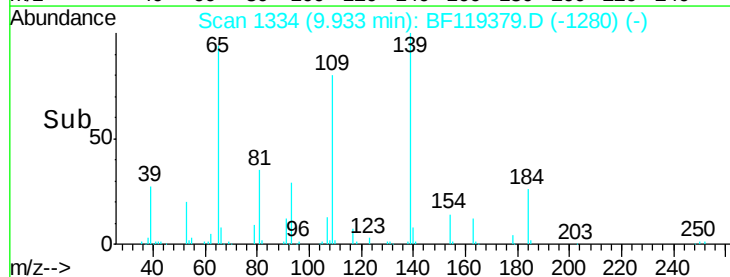
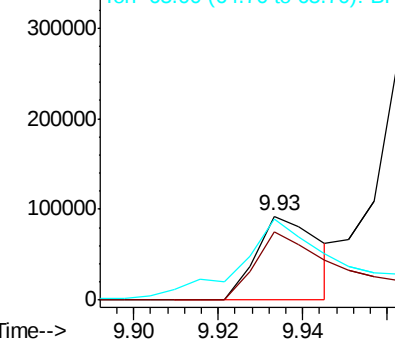


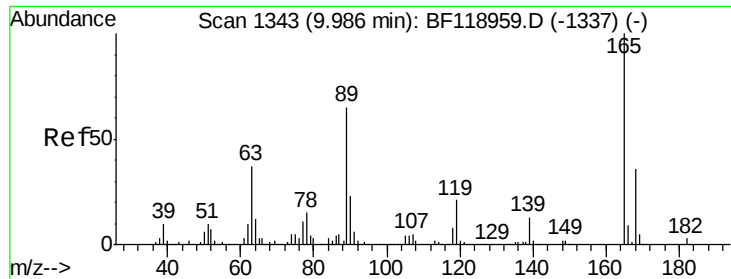
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





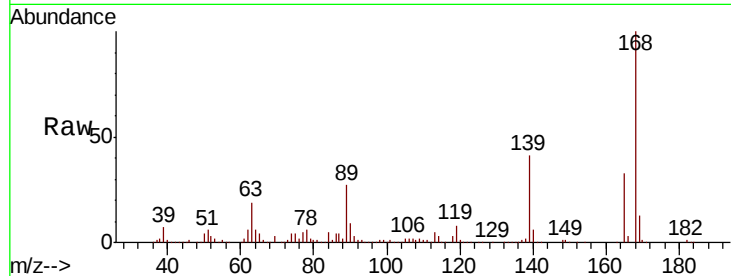
#57
2,4-Dinitrotoluene
Concen: 51.973 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

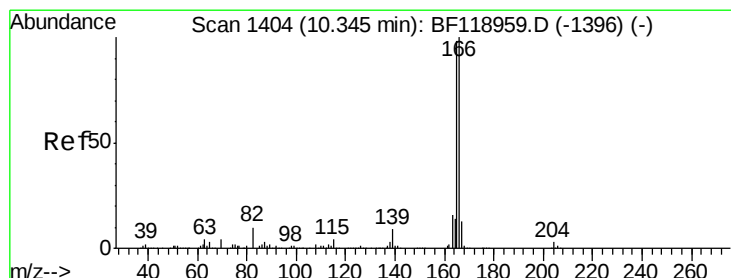
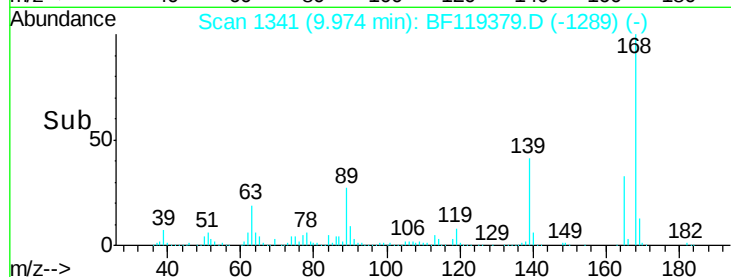
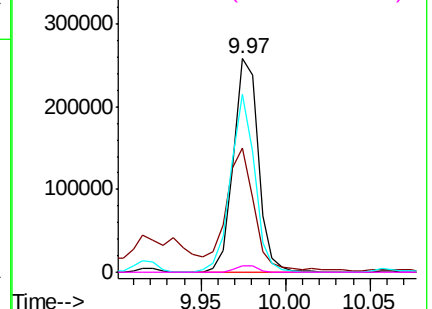
Tot Ion	Ratio	Resp	Lower	Upper
165	100	263343		
63	58.4	42.3	63.5	
89	83.1	60.2	90.4	
182	3.1	2.3	3.5	

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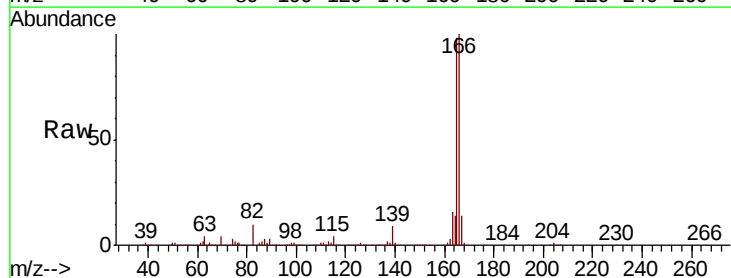


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

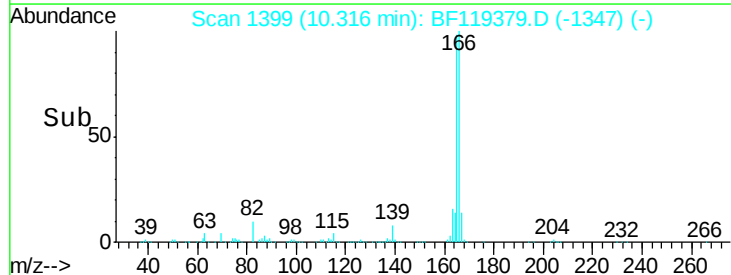
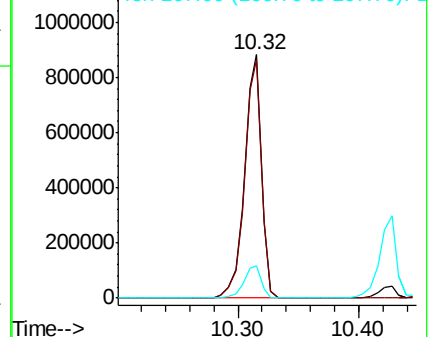


#58
Fluorene
Concen: 56.627 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	857164		
165	97.8	78.5	117.7	
167	13.5	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





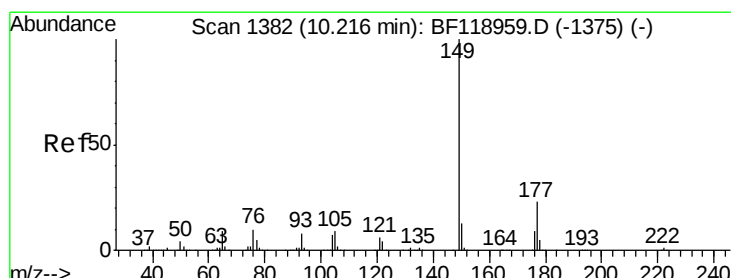
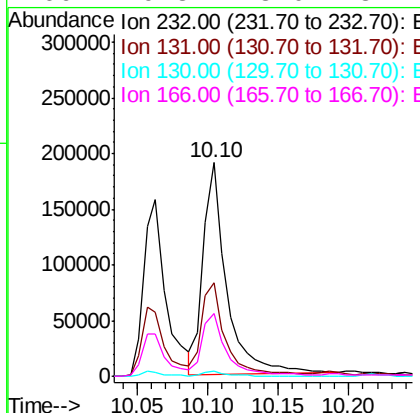
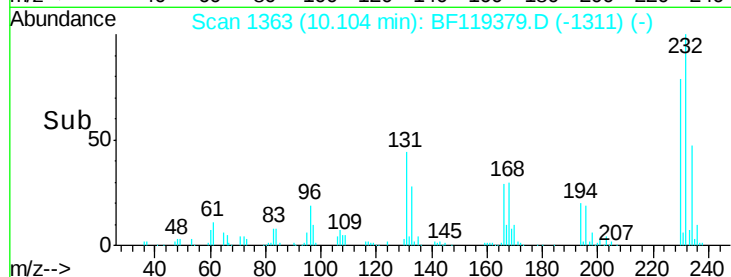
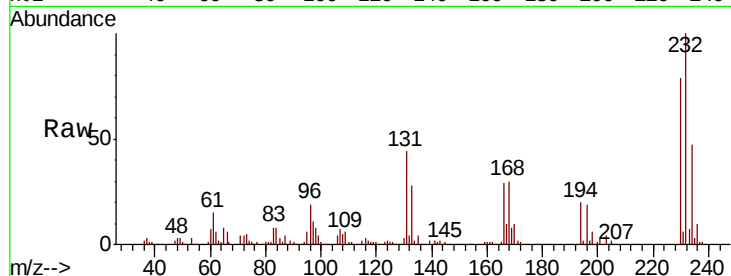
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.097 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		217312		
131	43.2	33.8	50.8		
130	2.6	1.8	2.6		
166	29.3	23.0	34.4		

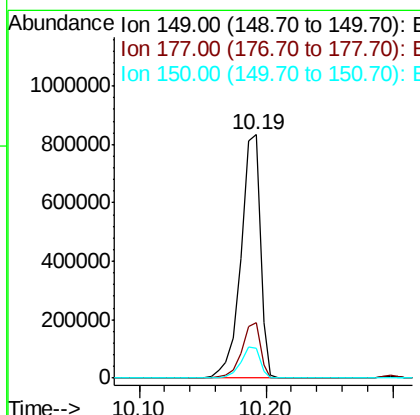
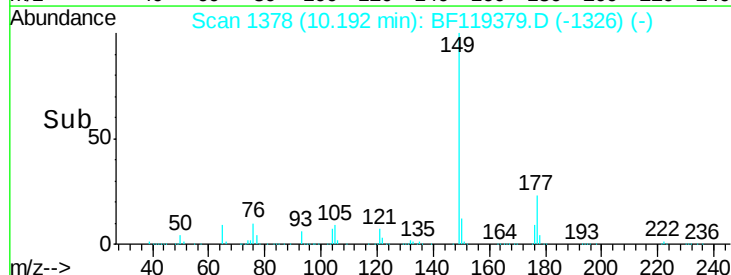
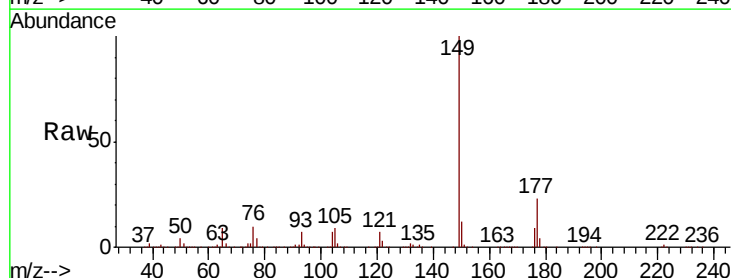
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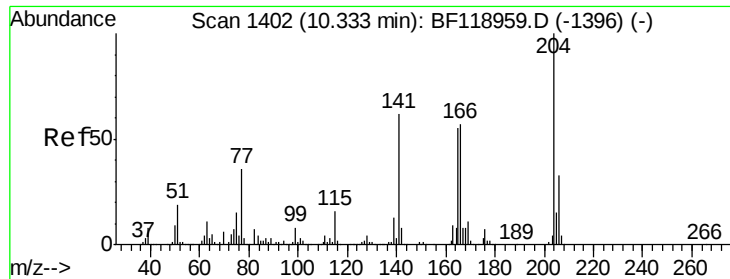
mohammad
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#60
Diethylphthalate
Concen: 53.112 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		880655		
177	22.8	18.2	27.2		
150	12.5	10.5	15.7		





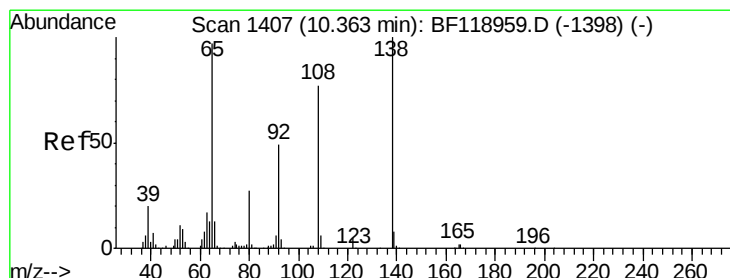
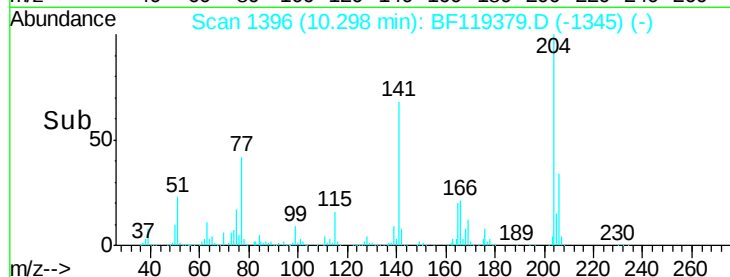
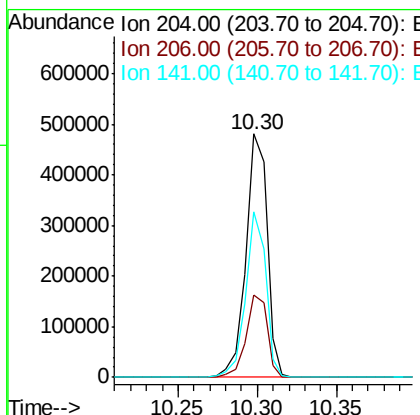
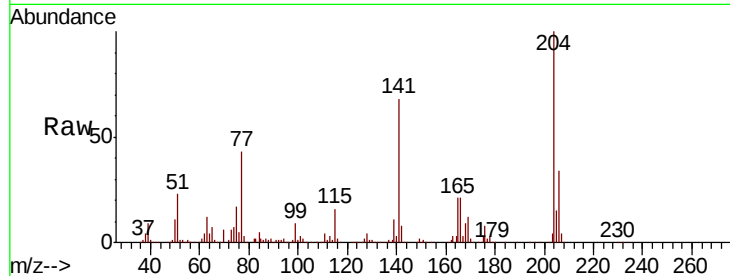
#61
 4-Chlorophenyl-phenylether
 Concen: 55.680 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-031020MS

Tot Ion:	204	Resp:	446130
Ion Ratio		Lower	Upper
204	100		
206	33.7	27.1	40.7
141	67.8	52.9	79.3

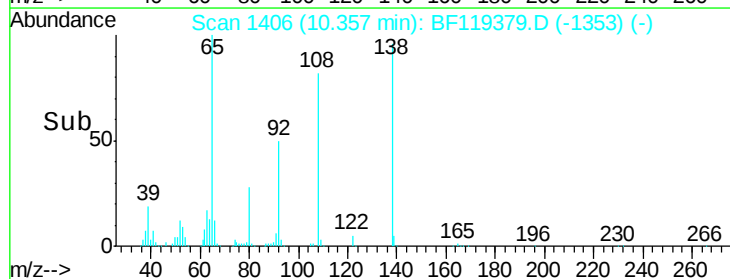
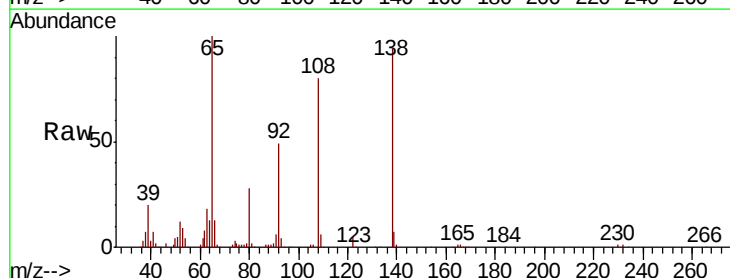
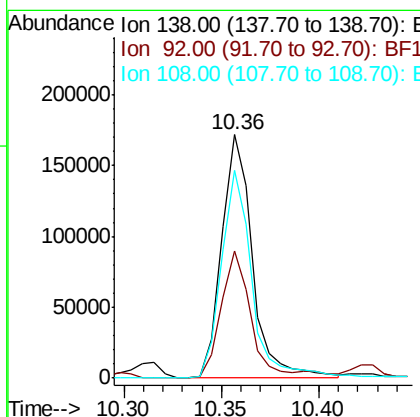
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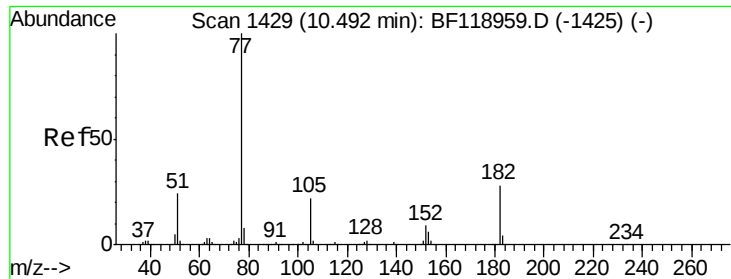
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#62
 4-Nitroaniline
 Concen: 42.538 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Tgt Ion:	138	Resp:	188610
Ion Ratio		Lower	Upper
138	100		
92	52.4	27.3	67.3
108	85.6	57.0	97.0





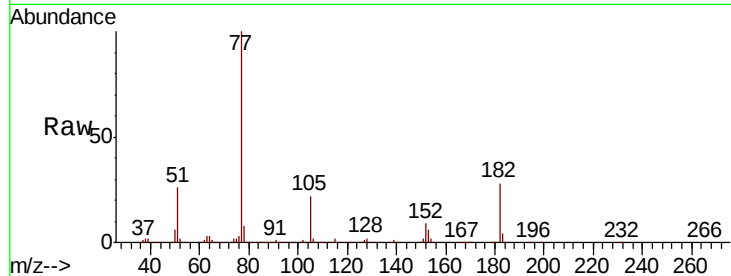
#63
Azobenzene
Concen: 59.143 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

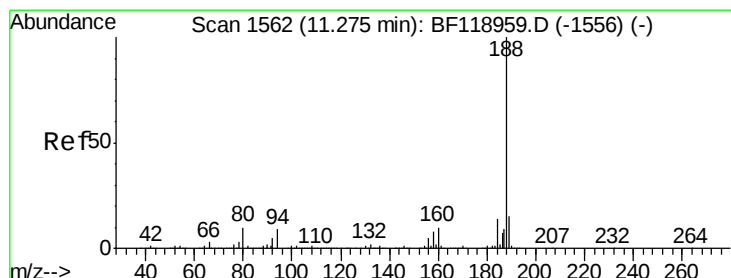
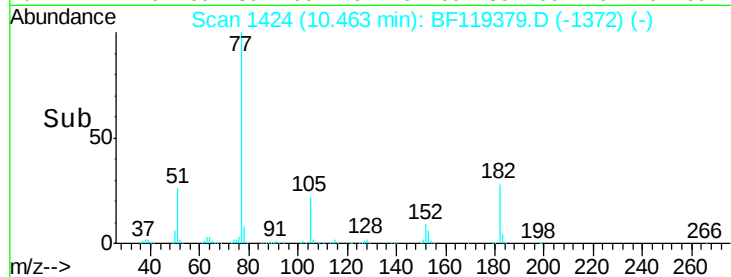
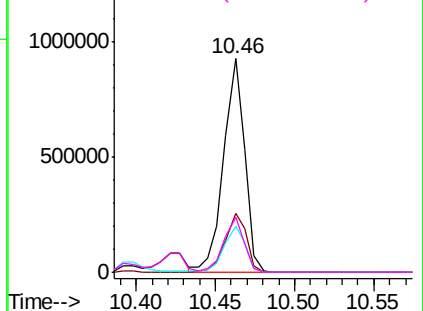
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.8	11.4	51.4	
105	21.8	3.4	43.4	
51	25.6	5.1	45.1	

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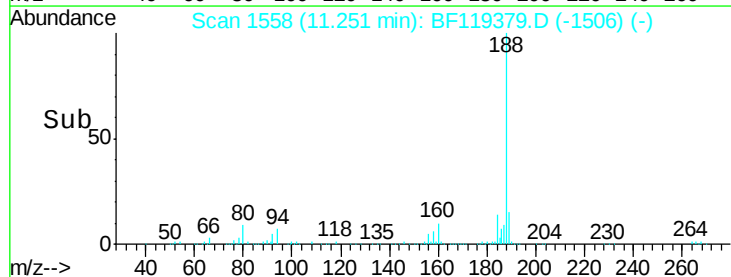
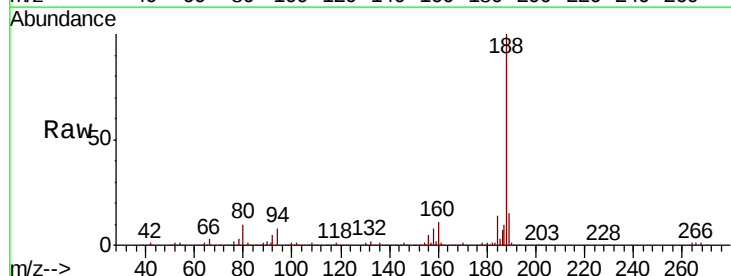
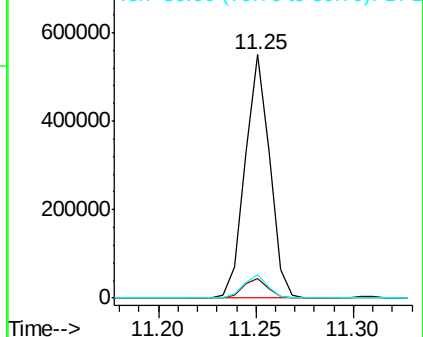
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

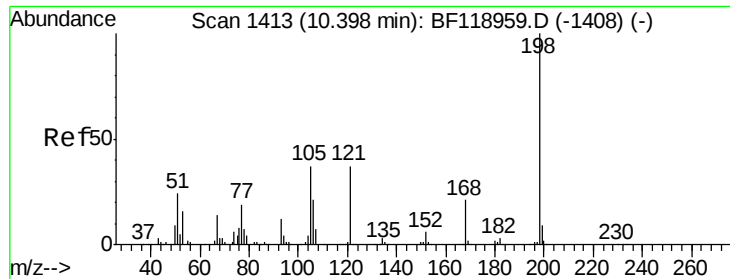


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.2	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





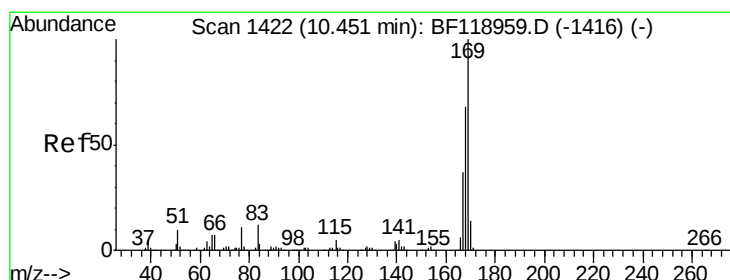
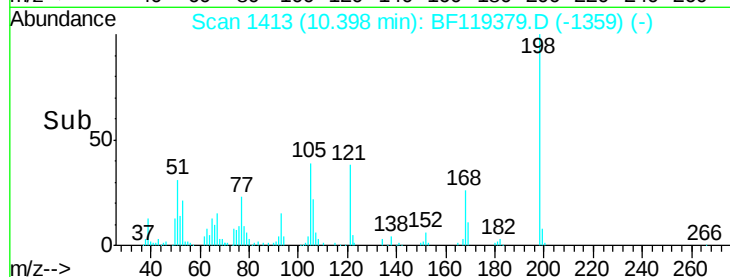
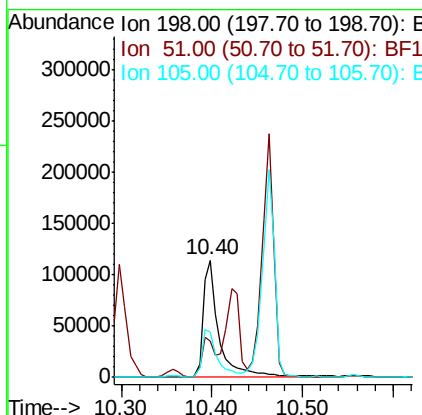
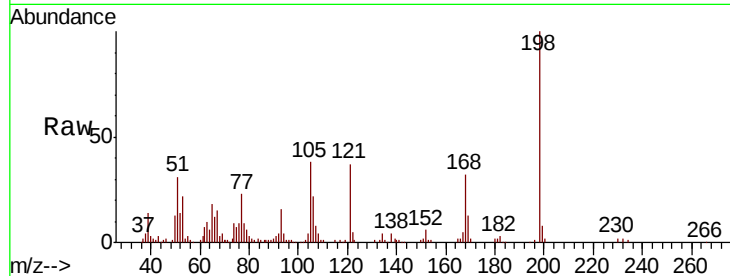
#65
4,6-Dinitro-2-methylphenol
Concen: 49.254 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.02 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	30.9	14.2	54.2
105	38.3	22.7	62.7

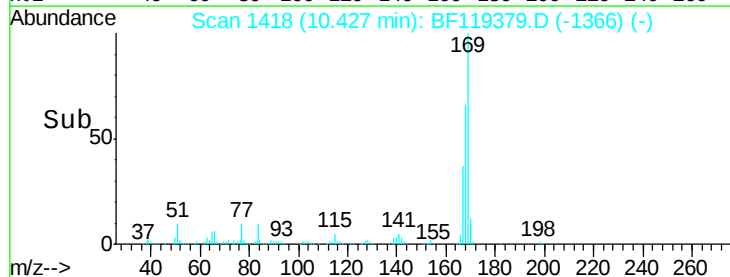
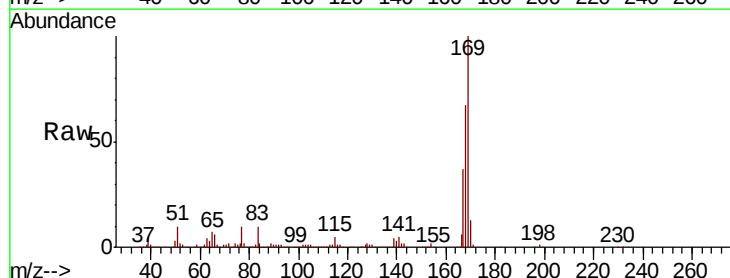
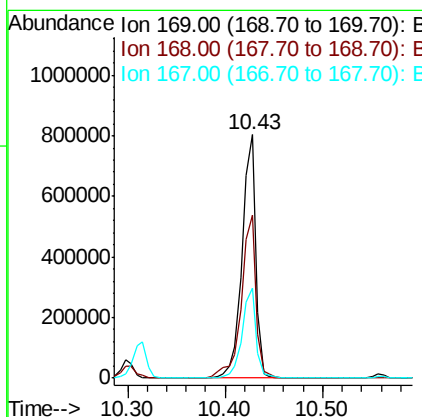
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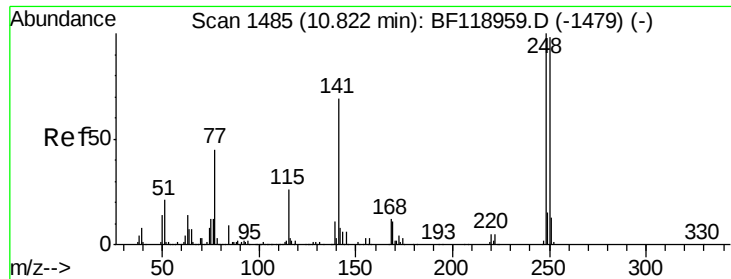
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#66
n-Nitrosodiphenylamine
Concen: 49.608 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.1	81.1
167	37.1	29.4	44.0





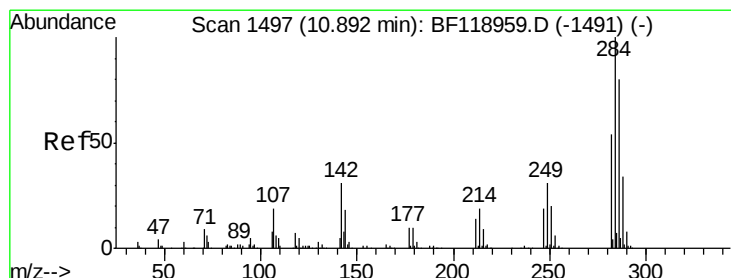
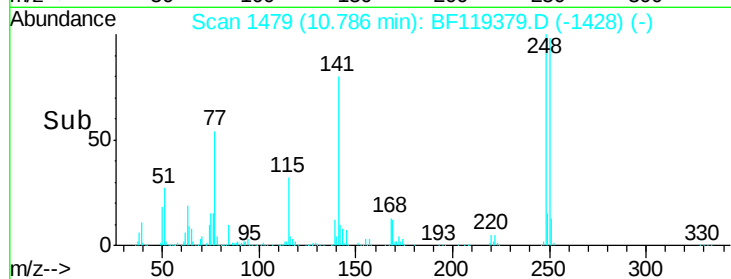
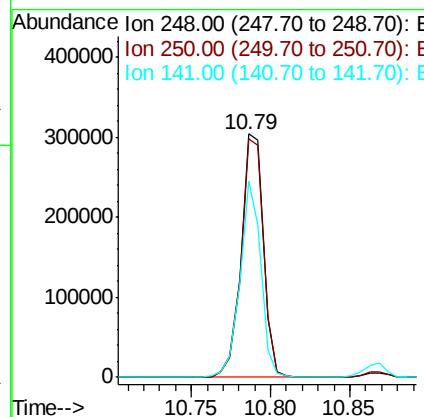
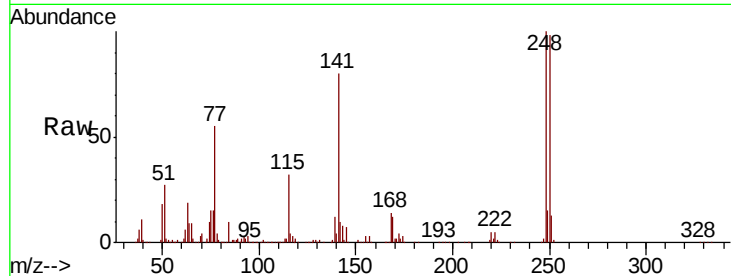
#67
4-Bromophenyl-phenylether
Concen: 47.057 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.7	115.1
141	80.5	60.7	91.1

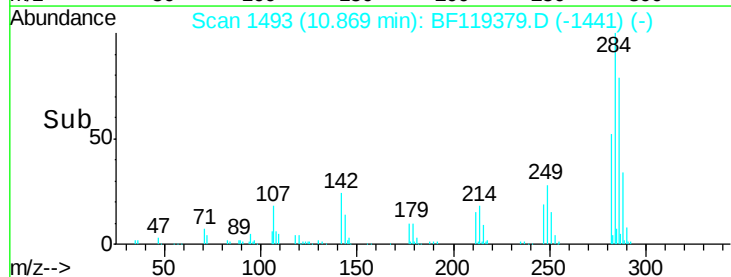
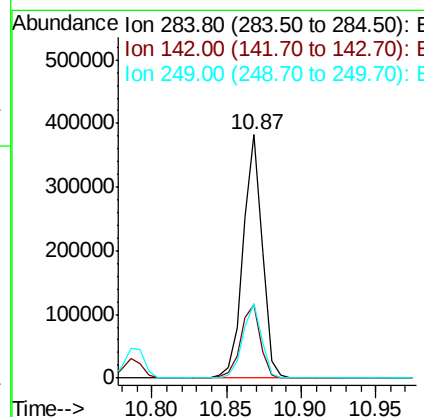
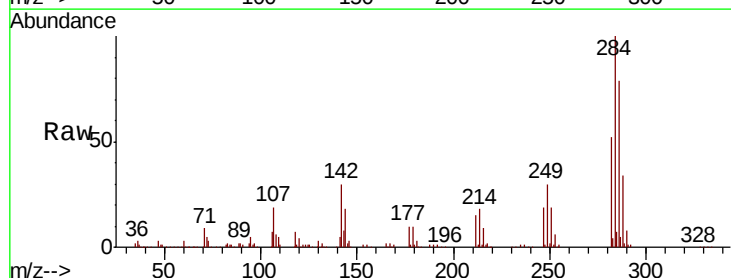
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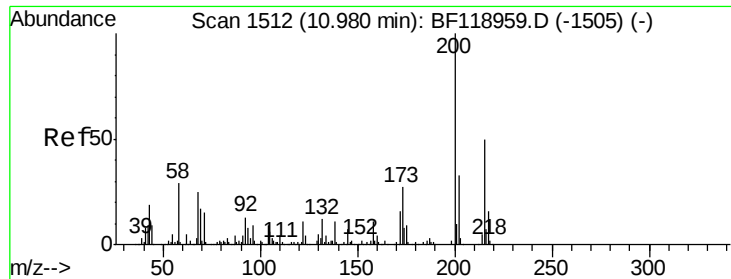
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#68
Hexachlorobenzene
Concen: 46.942 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	23.7	35.5
249	30.4	25.0	37.6





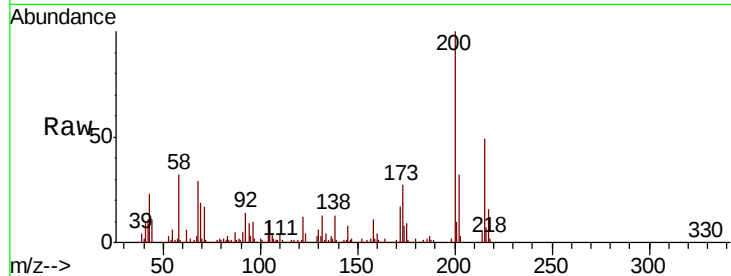
#69
Atrazine
Concen: 47.155 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

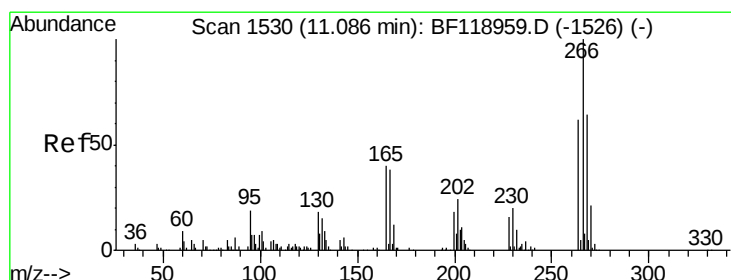
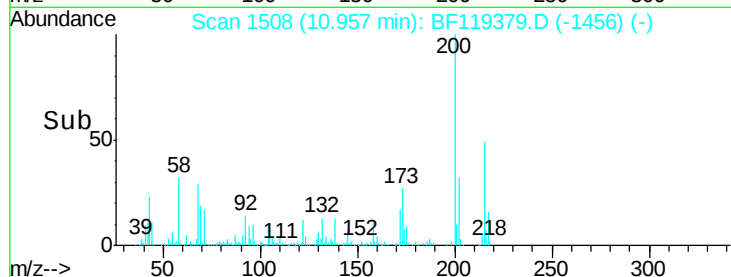
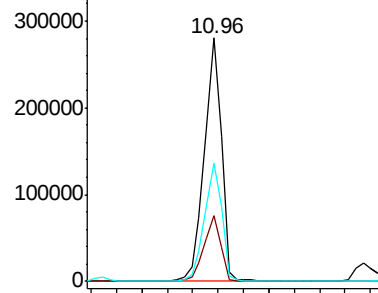
Tot Ion	Ratio	Resp	Lower	Upper
200	100	260360		
173	26.7		6.4	46.4
215	48.5		27.4	67.4

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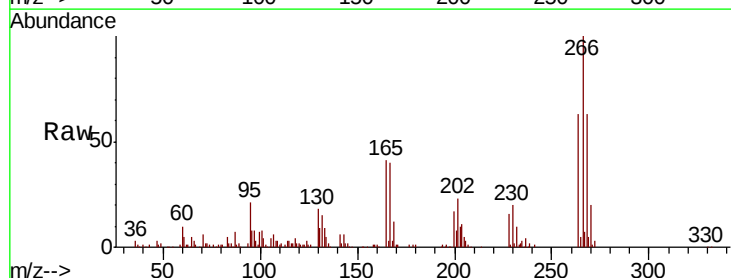


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

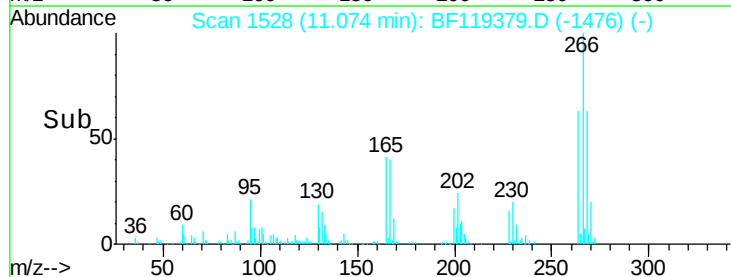
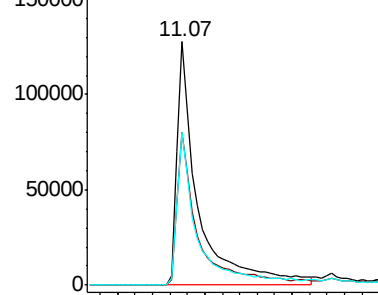


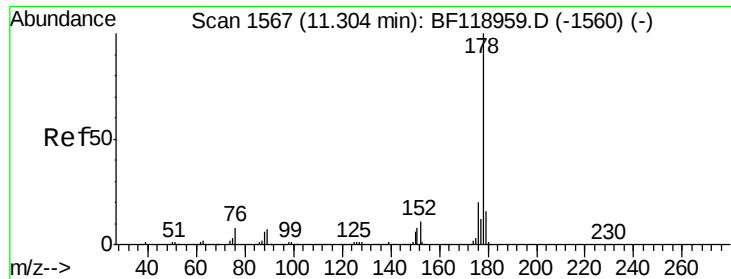
#70
Pentachlorophenol
Concen: 73.432 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	215147		
268	62.6		51.9	77.9
264	62.8		51.0	76.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





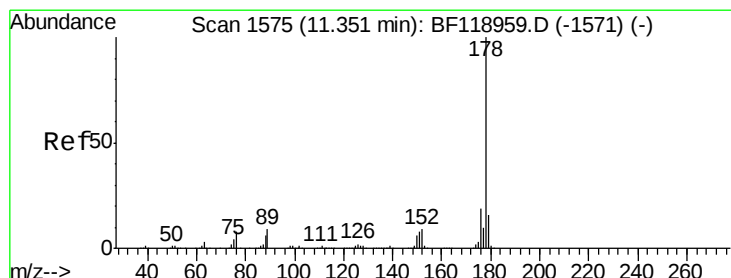
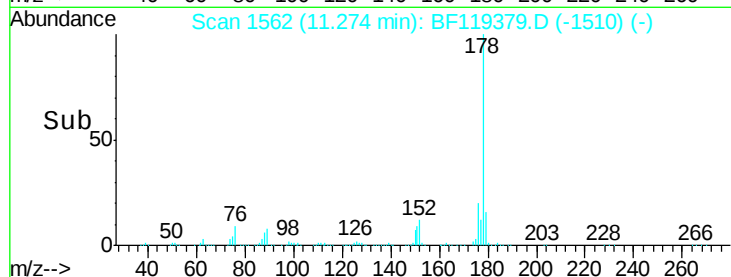
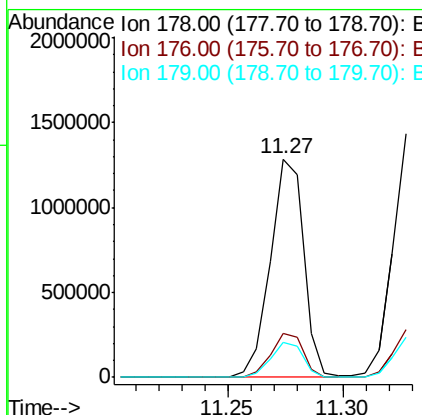
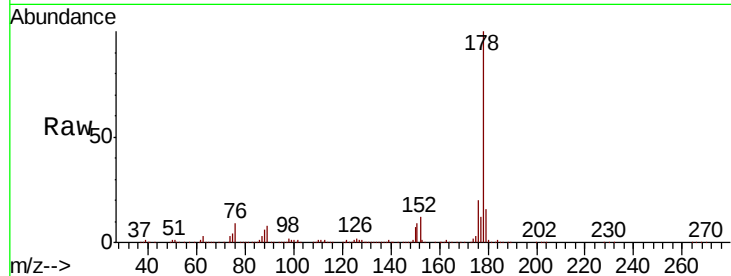
#71
Phenanthrene
Concen: 49.028 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion:178 Resp: 1290421
Ion Ratio Lower Upper
178 100
176 19.9 16.5 24.7
179 16.2 13.0 19.6

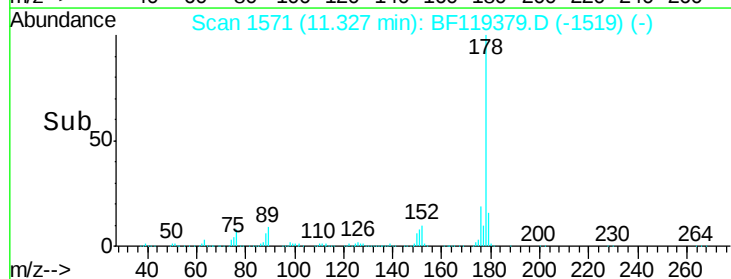
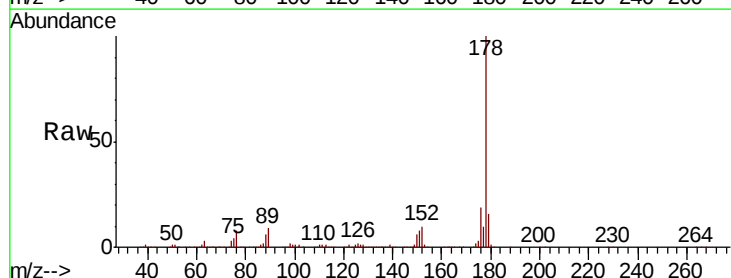
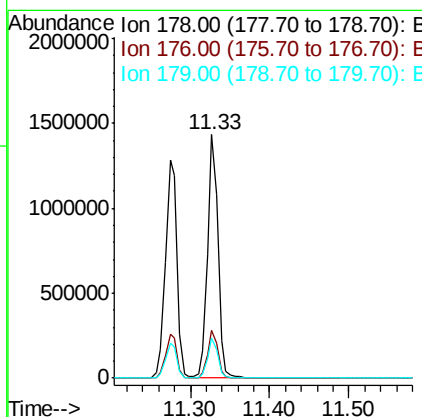
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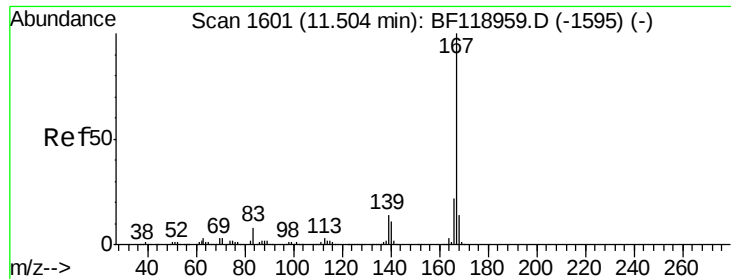
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#72
Anthracene
Concen: 50.443 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion:178 Resp: 1326562
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 16.2 13.1 19.7





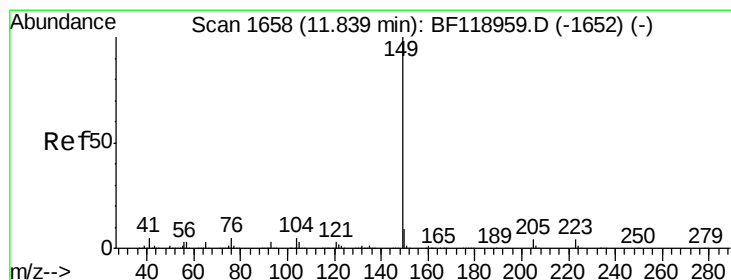
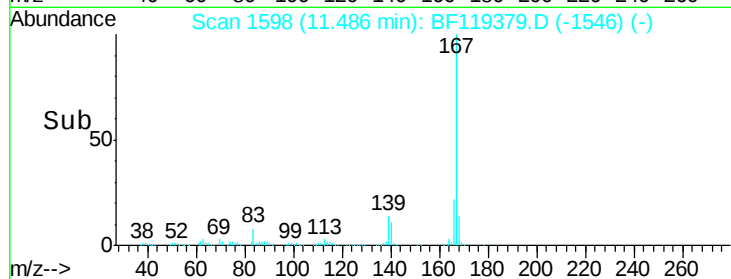
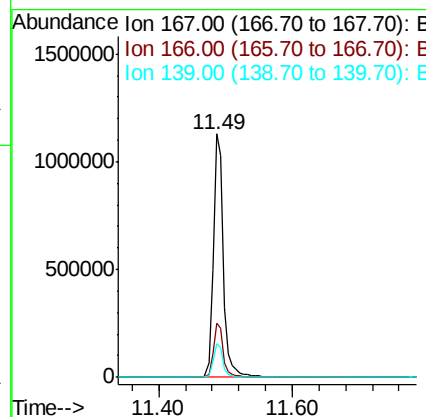
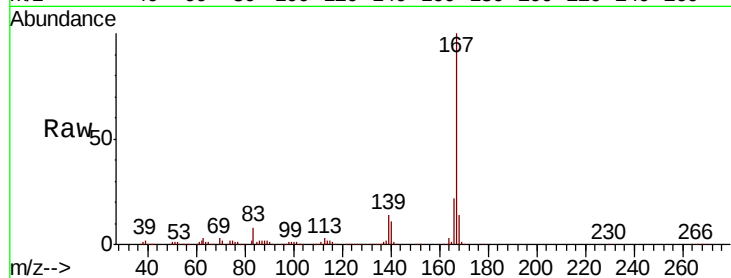
#73
 Carbazole
 Concen: 50.259 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-031020MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	14.0	11.7	17.5

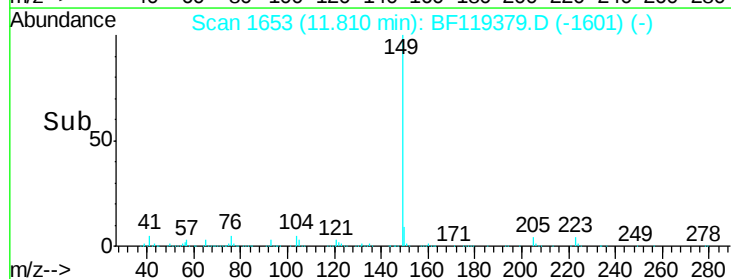
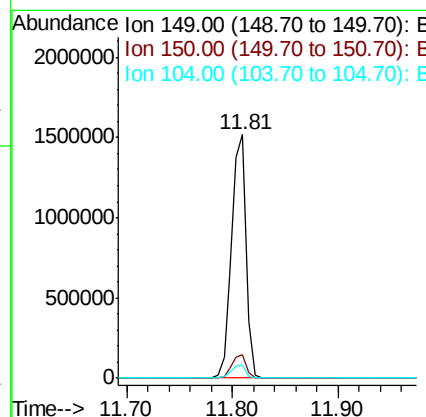
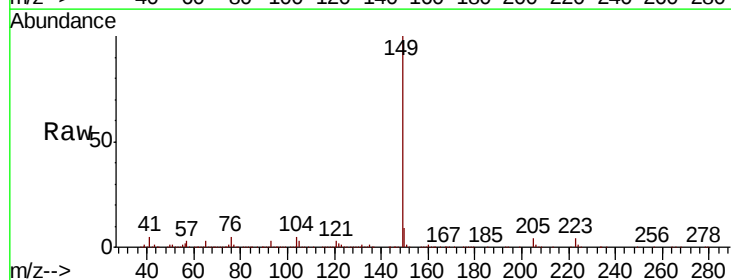
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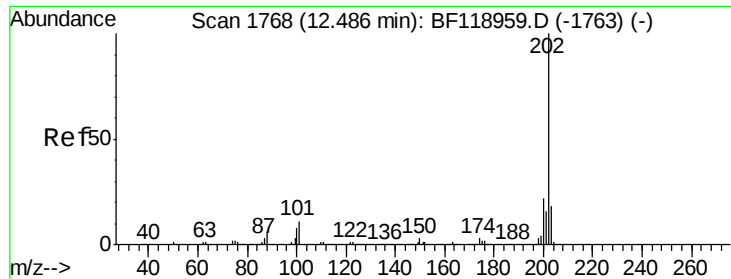
mohammad
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#74
 Di-n-butylphthalate
 Concen: 50.744 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.2	4.6	6.8





#75

Fluoranthene

Concen: 48.871 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

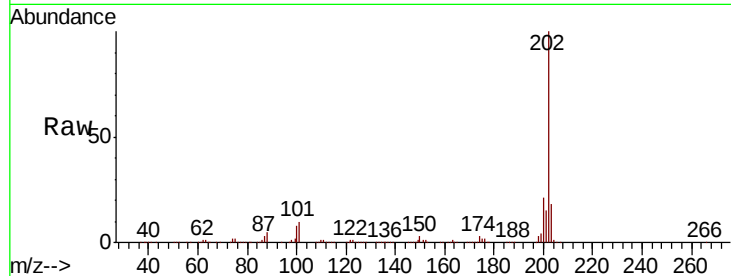
ClientSampleId :

OK-03-031020MS

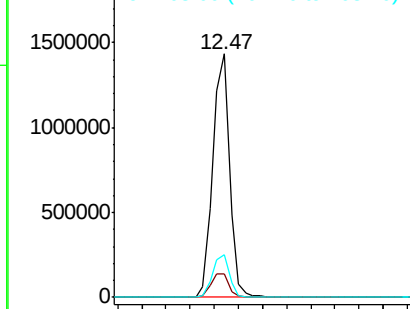
Tot Ion:	202	Resp:	1365360
Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.3
203	17.7	0.0	38.4

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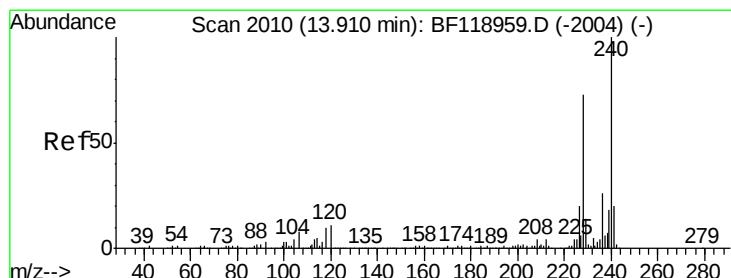
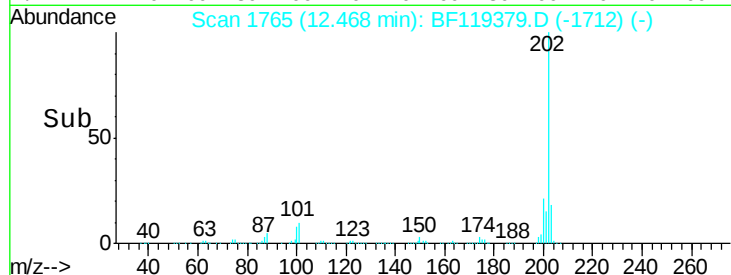
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

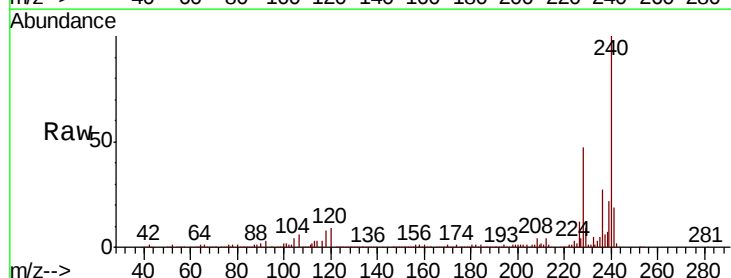
RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

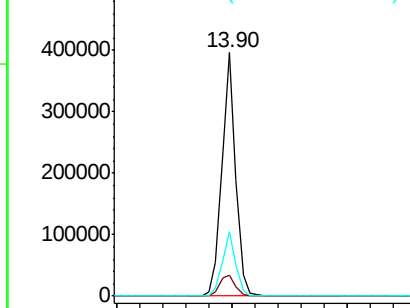
Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

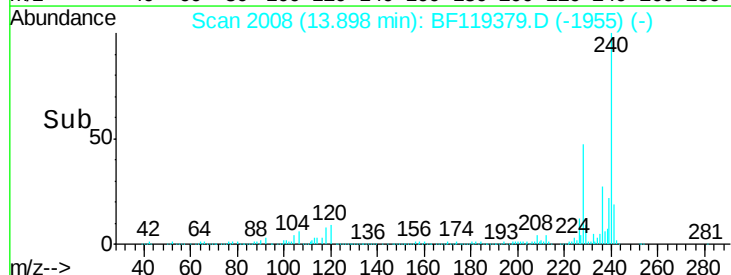
Tgt Ion:	240	Resp:	329145
Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.4	12.6
236	26.7	21.0	31.4

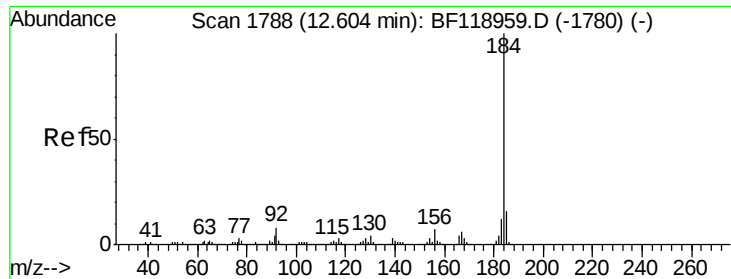


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





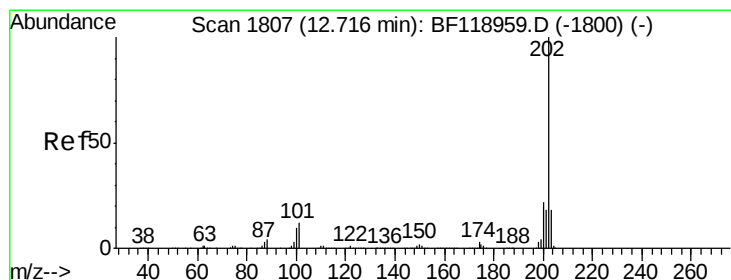
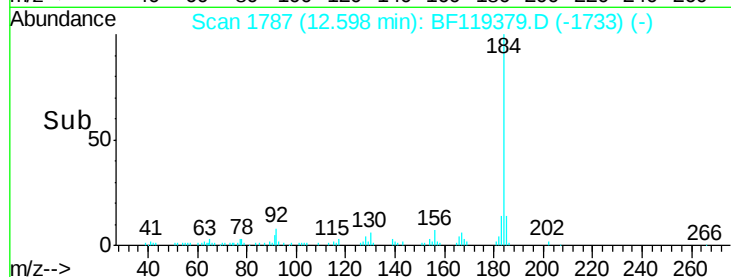
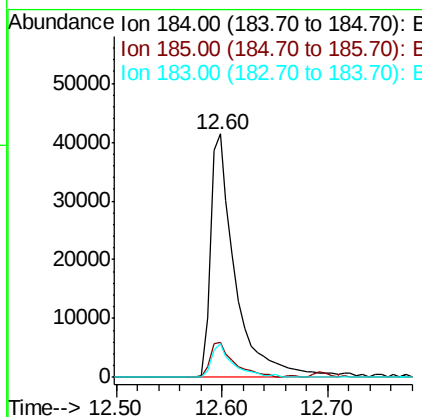
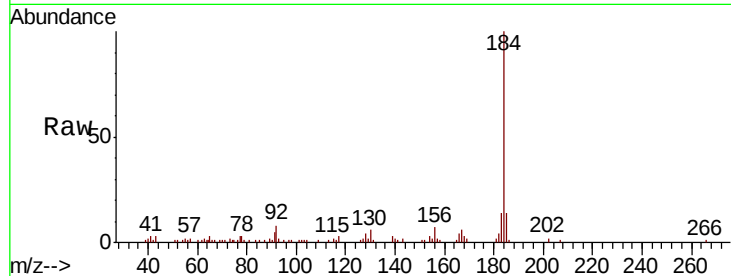
#77
Benzidine
Concen: 5.063 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.02 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
185	14.4	12.2	18.4	
183	13.6	9.9	14.9	

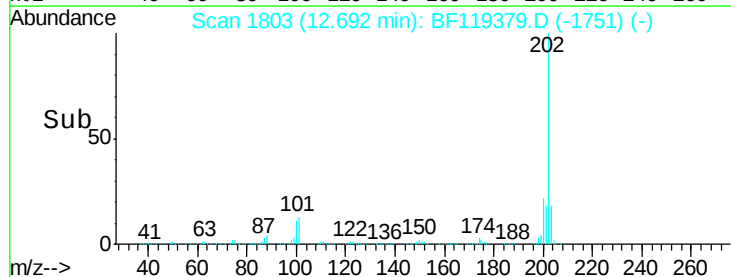
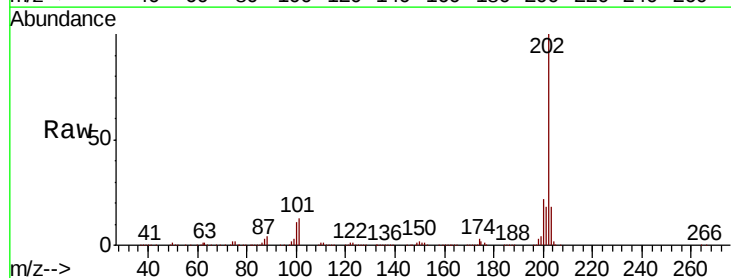
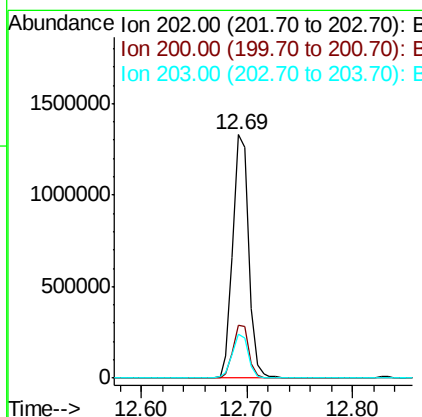
Manual Integrations
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#78
Pyrene
Concen: 52.073 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
200	21.9	18.0	27.0	
203	17.9	14.6	22.0	





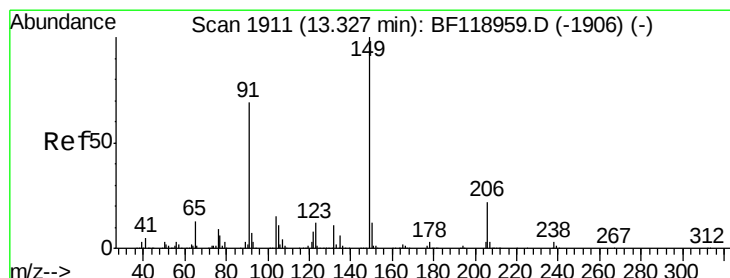
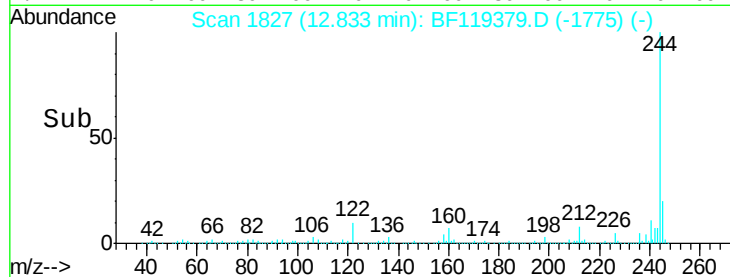
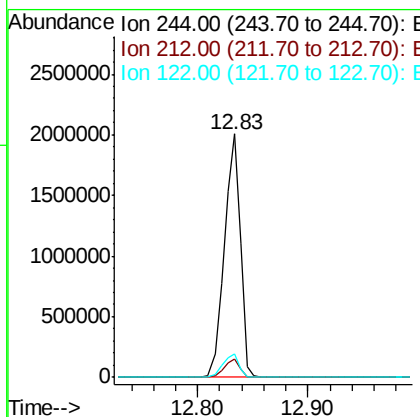
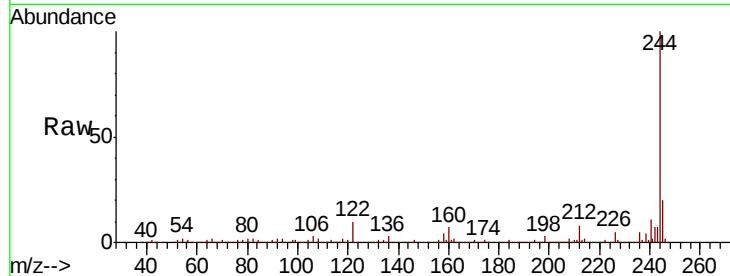
#79
 Terphenyl-d14
 Concen: 106.328 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-031020MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	10.0
122	9.8	8.2	12.2

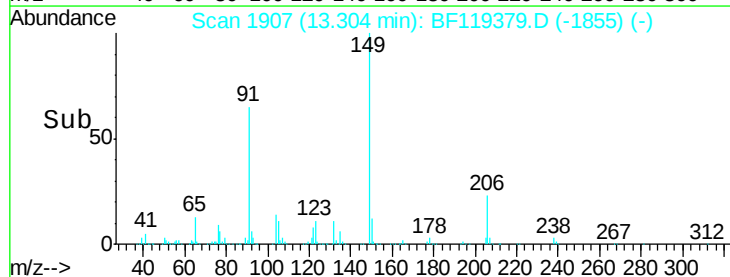
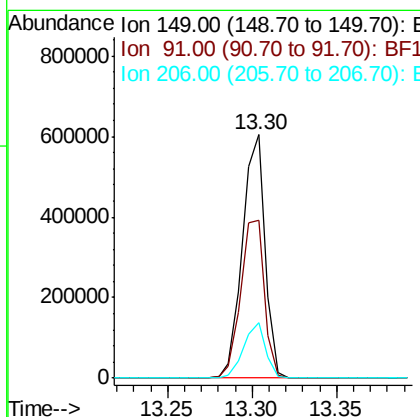
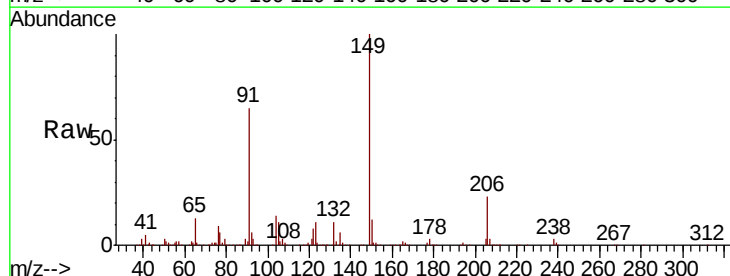
Manual Integrations
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#80
 Butylbenzylphthalate
 Concen: 50.935 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. 0.01 min
 Lab File: BF119379.D
 Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.9	52.3	78.5
206	22.6	18.5	27.7





#81

Benzo(a)anthracene

Concen: 51.092 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

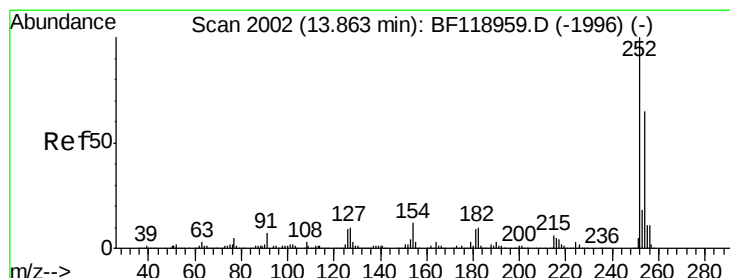
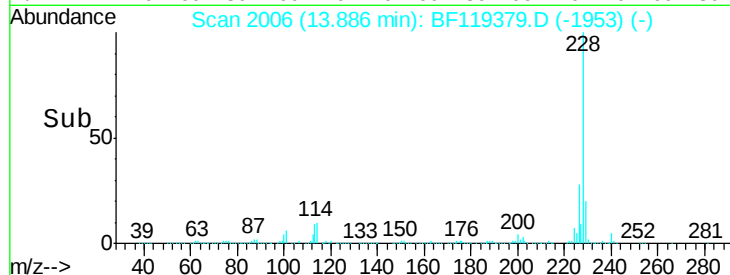
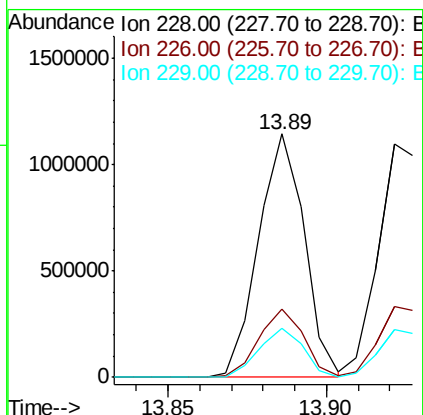
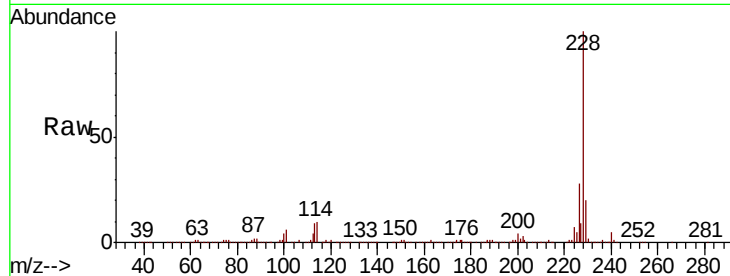
ClientSampleId :

OK-03-031020MS

Tot Ion:	228	Resp:	1145839
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.1	16.6	24.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 18.945 ng

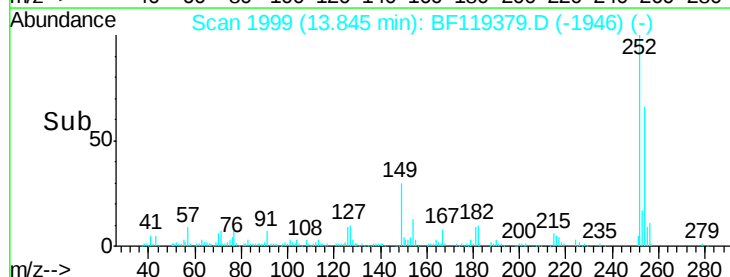
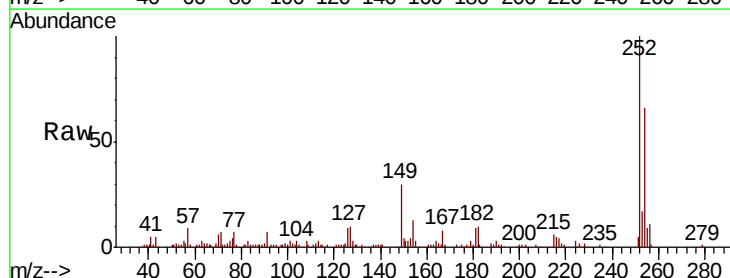
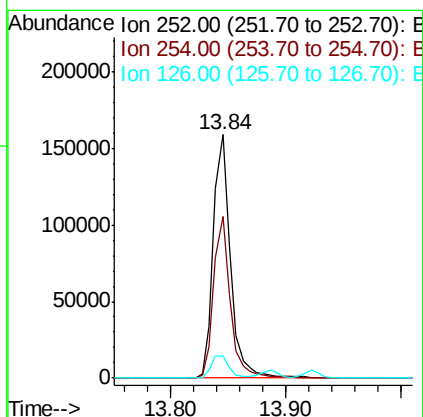
RT: 13.84 min Scan# 1999

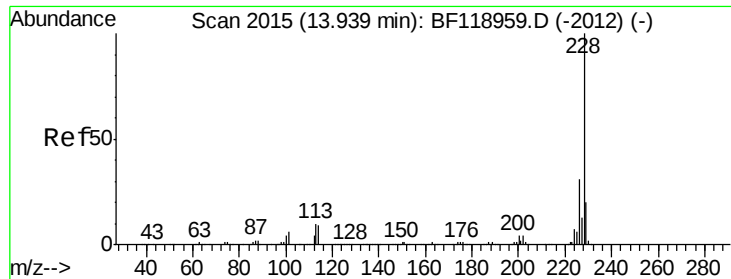
Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Tgt Ion:	252	Resp:	164979
Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.6	77.4
126	9.4	7.4	11.0





#83

Chrvsene

Concen: 49.070 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

ClientSampleId :

OK-03-031020MS

Tot Ion:228 Resp: 1096551

Ion Ratio Lower Upper

228 100

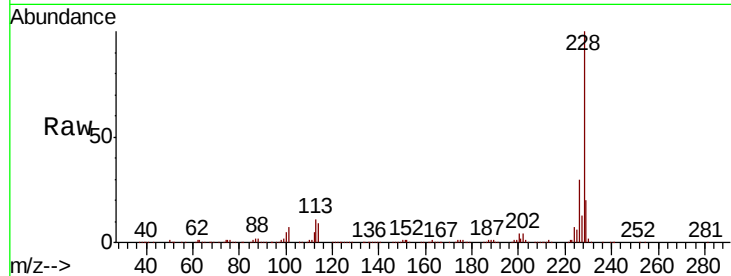
226 30.3 25.1 37.7

229 20.3 16.3 24.5

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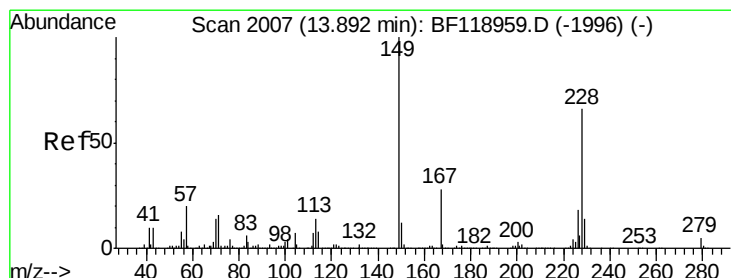
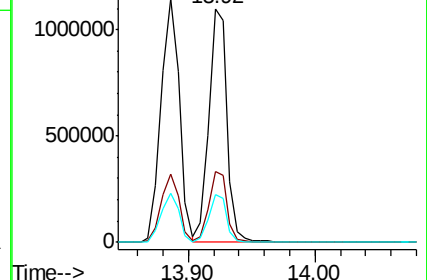
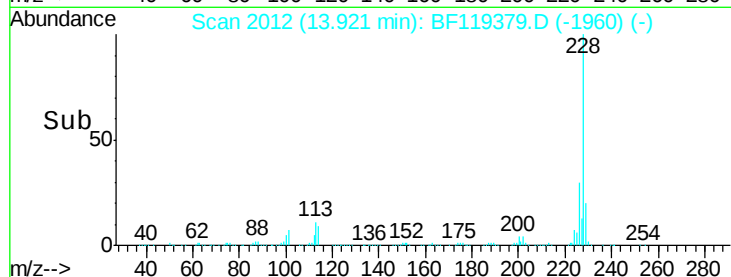
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.634 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

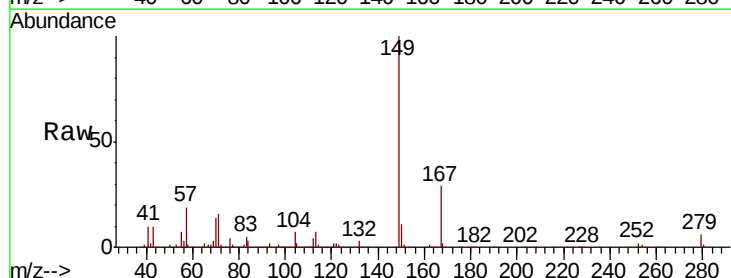
Tgt Ion:149 Resp: 739674

Ion Ratio Lower Upper

149 100

167 28.6 22.8 34.2

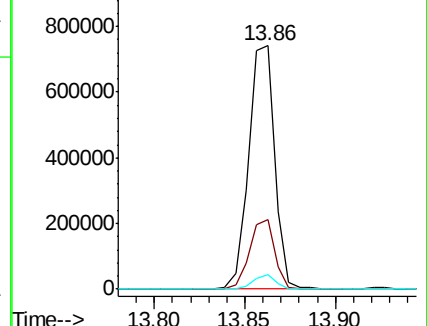
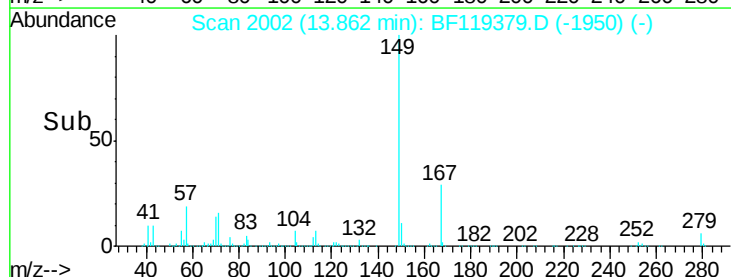
279 5.9 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.462 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Instrument :

BNA_F

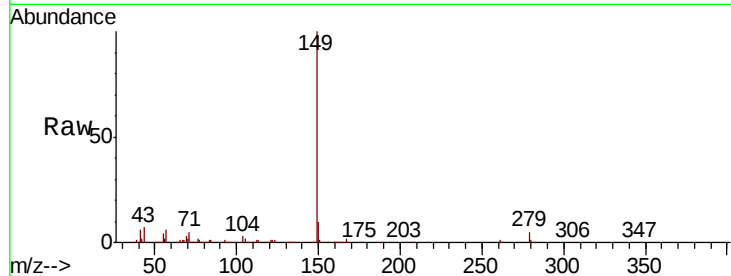
ClientSampleId :

OK-03-031020MS

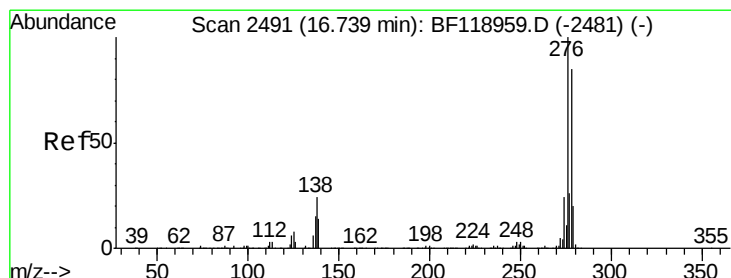
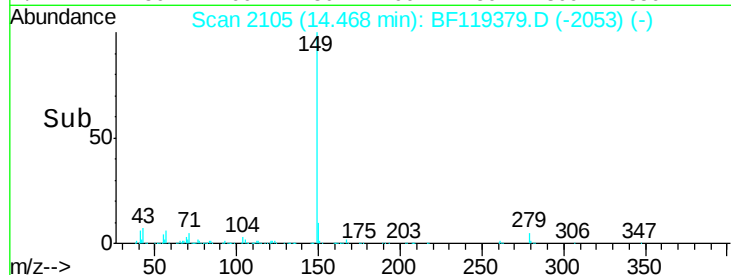
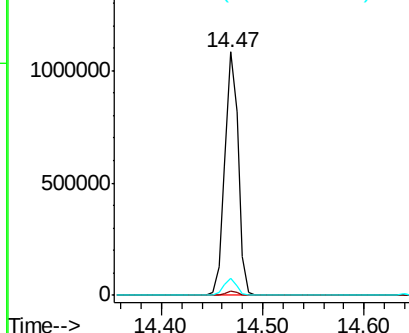
Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		995538		
167	1.6	1.3	1.9		
43	6.7	5.7	8.5		

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.571 ng

RT: 16.76 min Scan# 2494

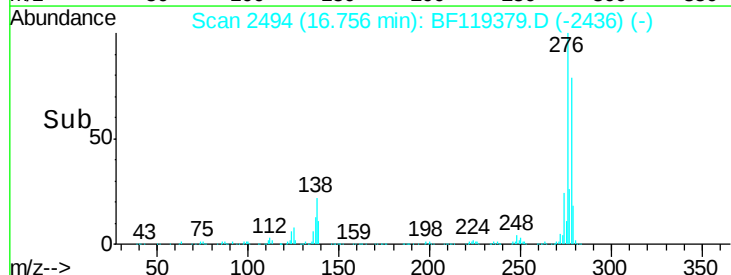
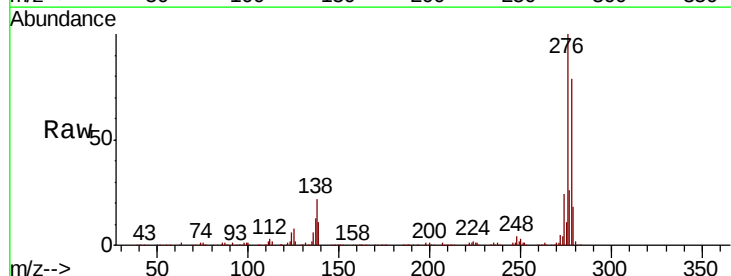
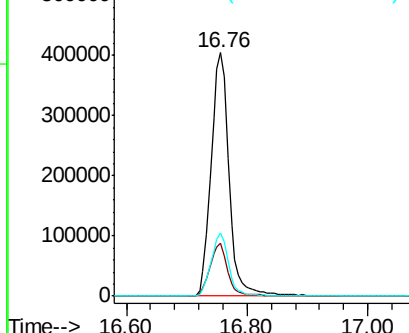
Delta R.T. 0.04 min

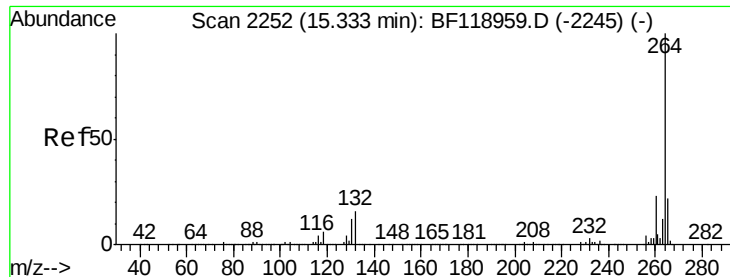
Lab File: BF119379.D

Acq: 12 Mar 2020 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		834578		
138	21.3	17.4	26.0		
277	25.3	20.3	30.5		

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





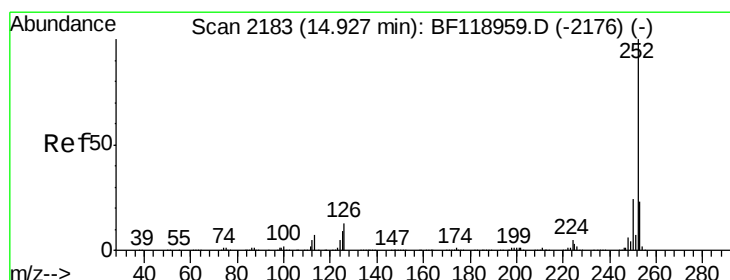
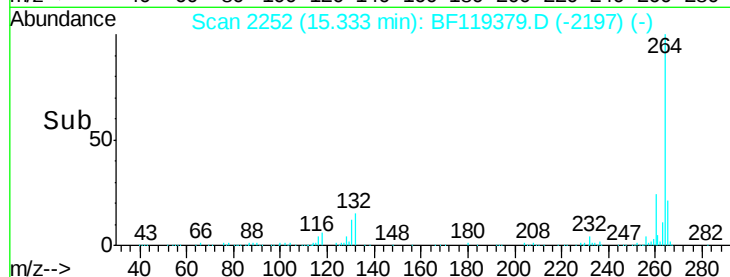
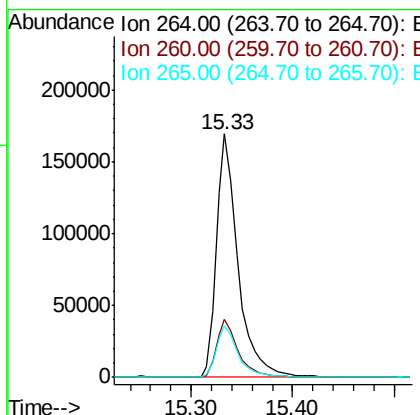
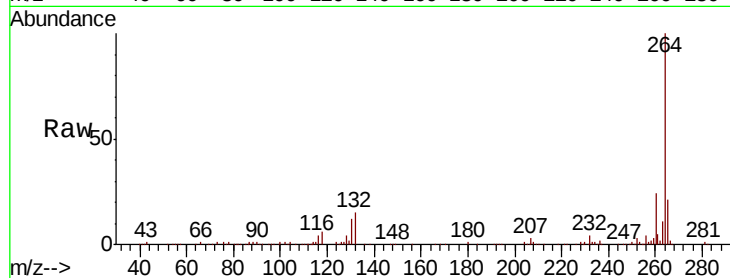
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.4	17.7	26.5

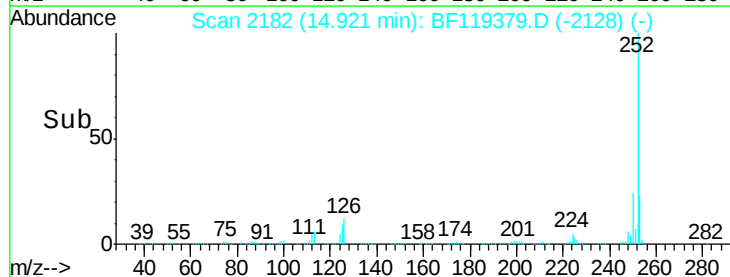
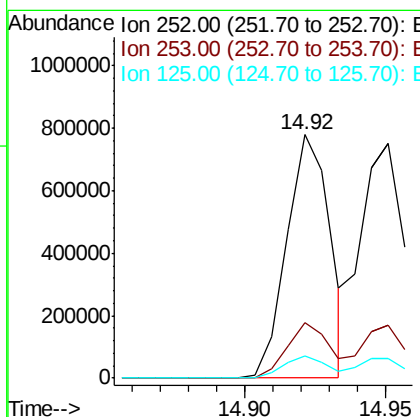
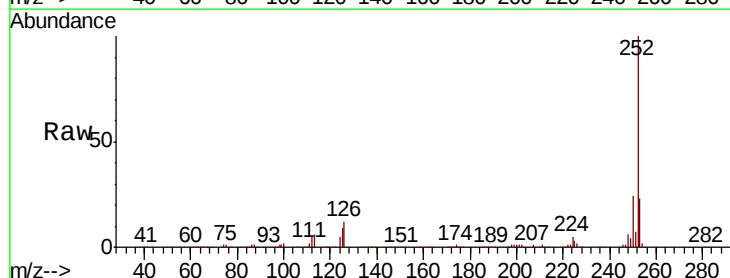
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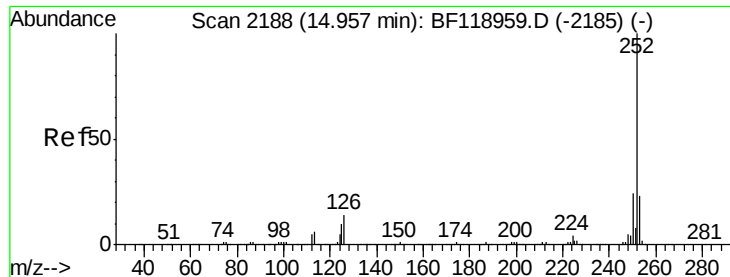
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#88
Benzo(b)fluoranthene
Concen: 50.437 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	8.9	7.4	11.0





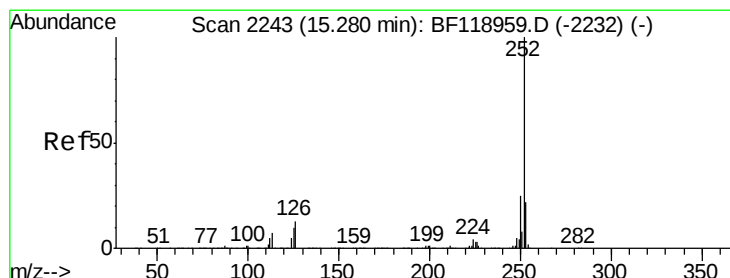
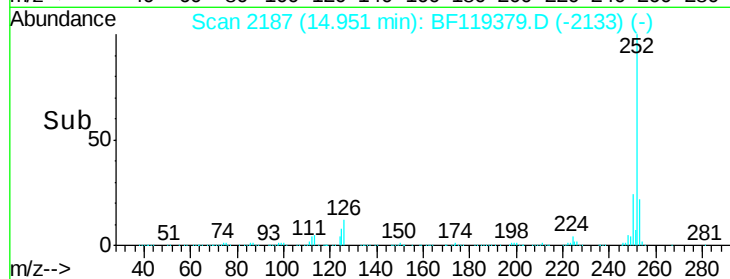
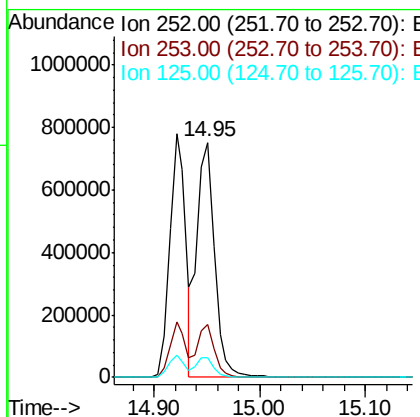
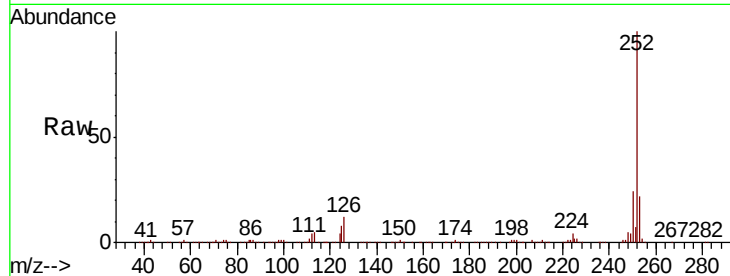
#89
Benzo(k)fluoranthene
Concen: 56.316 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.02 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	8.4	7.5	11.3

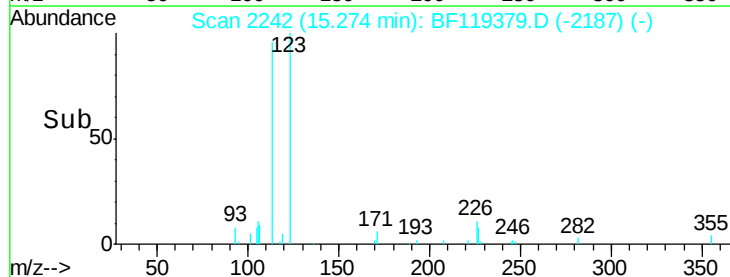
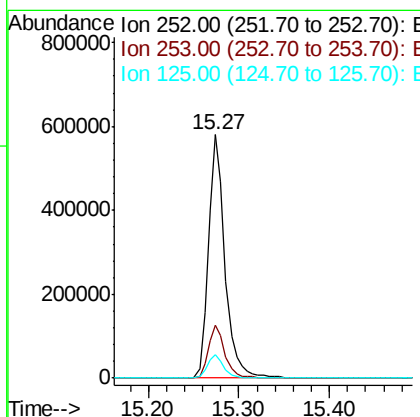
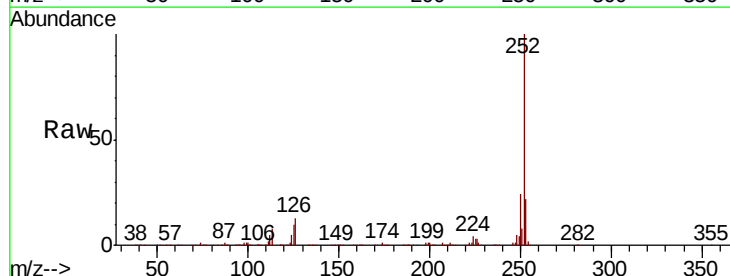
Manual Integrations
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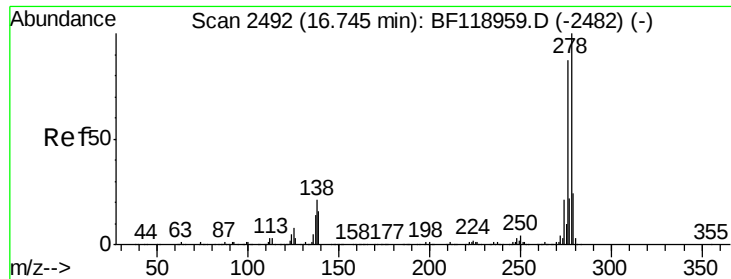
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#90
Benzo(a)pyrene
Concen: 49.810 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	9.6	8.6	12.8





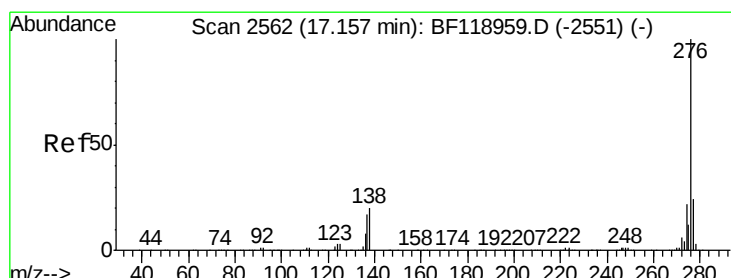
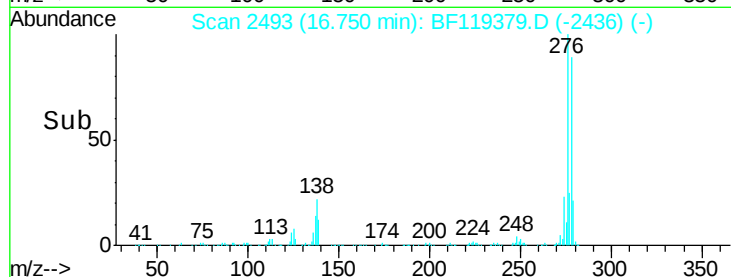
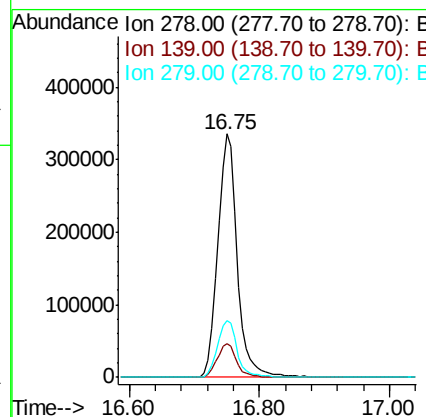
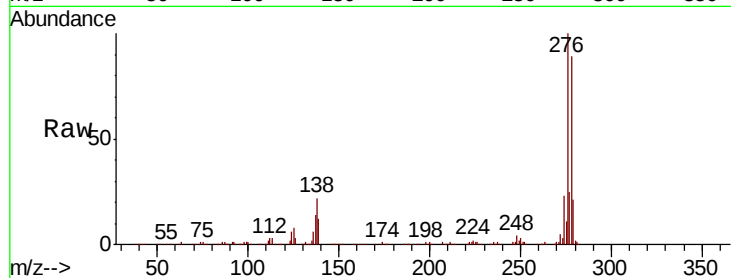
#91
Dibenzo(a,h)anthracene
Concen: 53.054 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.04 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Instrument :
BNA_F
ClientSampleId :
OK-03-031020MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.0	16.4
279	23.5	18.6	28.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 53.968 ng
RT: 17.18 min Scan# 2566
Delta R.T. 0.04 min
Lab File: BF119379.D
Acq: 12 Mar 2020 13:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	18.4	14.3	21.5

