

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
 Data File : BF122329.D
 Acq On : 13 Nov 2020 15:06
 Operator : JU/CG
 Sample : L4586-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-33-4-WCMS

Quant Time: Nov 13 15:31:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	228357	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	896310	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	484234	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	887616	20.00	ng	0.00
76) Chrysene-d12	14.033	240	789287	20.00	ng	0.00
86) Perylene-d12	15.498	264	804810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2015344	135.51	ng	0.00
7) Phenol-d6	6.493	99	2627622	135.06	ng	0.00
23) Nitrobenzene-d5	7.428	82	1656309	113.13	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	770432	148.24	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2775577	89.56	ng	0.00
79) Terphenyl-d14	12.980	244	3104293	83.32	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	295346	43.30	ng	92
3) Pyridine	3.404	79	849329	45.28	ng	91
4) n-Nitrosodimethylamine	3.352	42	413120	46.72	ng	96
6) Aniline	6.528	93	679075	26.60	ng	96
8) 2-Chlorophenol	6.645	128	800519	51.90	ng	94
9) Benzaldehyde	6.410	77	143480	10.45	ng	95
10) Phenol	6.504	94	1007012	52.56	ng	78
11) bis(2-Chloroethyl)ether	6.598	93	758298	49.80	ng	96
12) 1,3-Dichlorobenzene	6.810	146	852451	48.69	ng	95
13) 1,4-Dichlorobenzene	6.887	146	856410	48.69	ng	96
14) 1,2-Dichlorobenzene	7.040	146	826169	50.33	ng	98
15) Benzyl Alcohol	7.004	79	693212	50.12	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1097308	49.44	ng	98
17) 2-Methylphenol	7.116	107	649844	50.48	ng	98
18) Hexachloroethane	7.381	117	308757	50.41	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	569890	49.02	ng	95
20) 3+4-Methylphenols	7.269	107	795760	50.23	ng	# 83
22) Acetophenone	7.275	105	1041849	44.63	ng	# 89
24) Nitrobenzene	7.451	77	849914	50.74	ng	92
25) Isophorone	7.687	82	1490311	45.66	ng	97
26) 2-Nitrophenol	7.763	139	392789	53.16	ng	98
27) 2,4-Dimethylphenol	7.798	122	715681	46.49	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	948786	47.53	ng	99
29) 2,4-Dichlorophenol	8.004	162	675943	49.59	ng	95
30) 1,2,4-Trichlorobenzene	8.092	180	714604	47.50	ng	95
31) Naphthalene	8.175	128	2194116	46.04	ng	98
32) Benzoic acid	7.881	122	134235	21.10	ng	97
33) 4-Chloroaniline	8.216	127	290460	14.00	ng	96
34) Hexachlorobutadiene	8.292	225	415825	48.09	ng	99
35) Caprolactam	8.534	113	8692	2.01	ng	96
36) 4-Chloro-3-methylphenol	8.698	107	705559	49.63	ng	95
37) 2-Methylnaphthalene	8.863	142	1496455	47.53	ng	99
38) 1-Methylnaphthalene	8.963	142	1398172	47.45	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	674616	45.21	ng	99
41) Hexachlorocyclopentadiene	9.022	237	826742	94.76	ng	96
43) 2,4,6-Trichlorophenol	9.139	196	485277	50.08	ng	100

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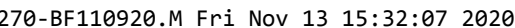
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	506189	49.83	ng	98
46) 1,1'-Biphenyl	9.328	154	1785600	46.33	ng	99
47) 2-Chloronaphthalene	9.351	162	1422542	46.50	ng	99
48) 2-Nitroaniline	9.445	65	449800	49.21	ng	93
49) Acenaphthylene	9.769	152	2206575	46.93	ng	98
50) Dimethylphthalate	9.633	163	2188827	63.59	ng	99
51) 2,6-Dinitrotoluene	9.686	165	383804	49.94	ng	95
52) Acenaphthene	9.945	154	1402459	48.19	ng	100
53) 3-Nitroaniline	9.851	138	253123	30.42	ng	98
54) 2,4-Dinitrophenol	9.957	184	171481	62.93	ng	# 84
55) Dibenzofuran	10.116	168	1989435	46.66	ng	99
56) 4-Nitrophenol	10.010	139	668766	88.47	ng	93
57) 2,4-Dinitrotoluene	10.092	165	522754	53.55	ng	# 87
58) Fluorene	10.457	166	1515664	46.42	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	416854	49.34	ng	99
60) Diethylphthalate	10.333	149	1630384	48.29	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	735678	47.73	ng	97
62) 4-Nitroaniline	10.469	138	415309	48.61	ng	96
63) Azobenzene	10.610	77	1649868	46.58	ng	96
65) 4,6-Dinitro-2-methylph...	10.498	198	159673	44.00	ng	91
66) n-Nitrosodiphenylamine	10.569	169	1425219	47.13	ng	94
67) 4-Bromophenyl-phenylether	10.939	248	506298	48.54	ng	98
68) Hexachlorobenzene	11.004	284	546773	48.52	ng	97
69) Atrazine	11.092	200	396220	52.61	ng	98
70) Pentachlorophenol	11.192	266	531419	81.85	ng	98
71) Phenanthrene	11.416	178	2340822	46.48	ng	97
72) Anthracene	11.469	178	2407093	46.38	ng	98
73) Carbazole	11.622	167	2205023	46.70	ng	99
74) Di-n-butylphthalate	11.957	149	2480955	49.29	ng	99
75) Fluoranthene	12.604	202	2521402	47.96	ng	98
77) Benzidine	12.722	184	917904	41.93	ng	97
78) Pyrene	12.833	202	2575617	46.45	ng	98
80) Butylbenzylphthalate	13.457	149	1093882	49.11	ng	94
81) Benzo(a)anthracene	14.021	228	2265580	46.15	ng	98
82) 3,3'-Dichlorobenzidine	13.980	252	345065	18.86	ng	99
83) Chrysene	14.063	228	2323518	47.00	ng	97
84) Bis(2-ethylhexyl)phtha...	14.016	149	1339970	50.12	ng	97
85) Di-n-octyl phthalate	14.627	149	2459825	54.29	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	2573520	53.29	ng	99
88) Benzo(b)fluoranthene	15.074	252	2445551	46.92	ng	100
89) Benzo(k)fluoranthene	15.104	252	2299702	45.25	ng	97
90) Benzo(a)pyrene	15.439	252	2161096	47.56	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	2096481	51.83	ng	99
92) Benzo(g,h,i)perylene	17.415	276	2160944	54.94	ng	99

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

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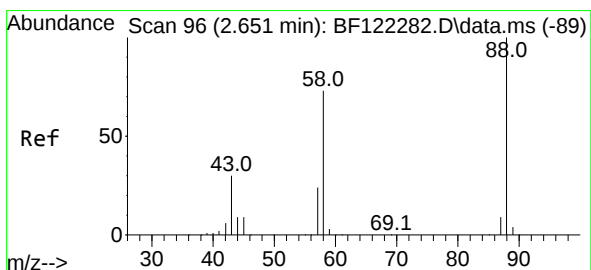
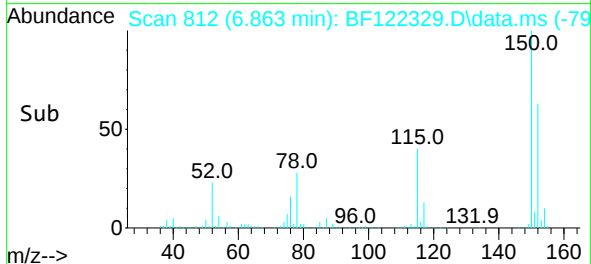
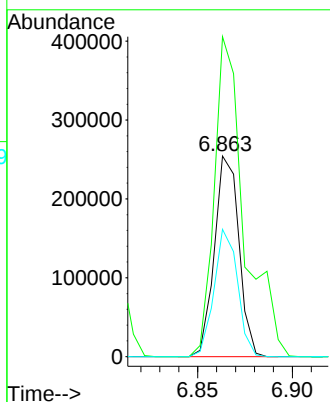
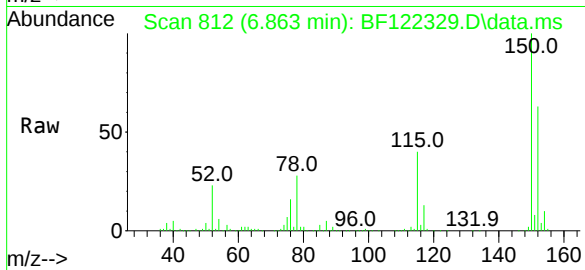




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.863 min Scan# 812
 Delta R.T. -0.006 min
 Lab File: BF122329.D
 Acq: 13 Nov 2020 15:06

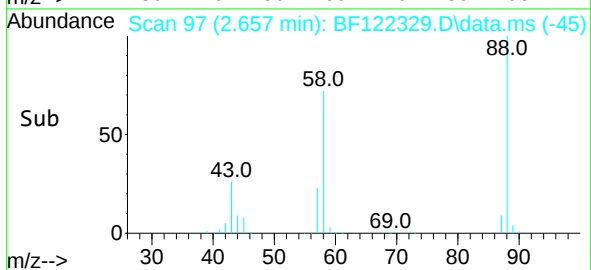
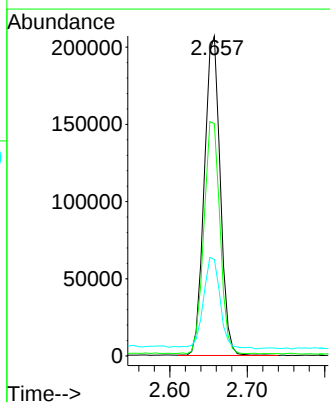
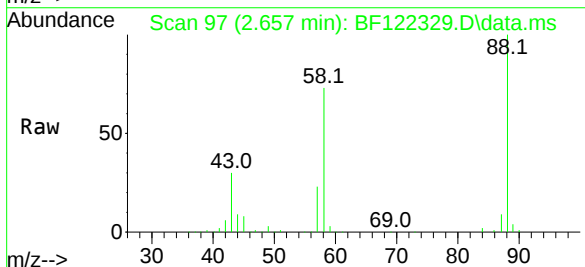
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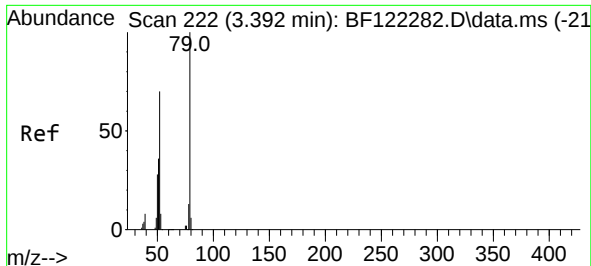
Tgt Ion:152 Resp: 228357
 Ion Ratio Lower Upper
 152 100
 150 159.5 125.3 187.9
 115 63.5 51.9 77.9



#2
 1,4-Dioxane
 Concen: 43.30 ng
 RT: 2.657 min Scan# 97
 Delta R.T. 0.006 min
 Lab File: BF122329.D
 Acq: 13 Nov 2020 15:06

Tgt Ion: 88 Resp: 295346
 Ion Ratio Lower Upper
 88 100
 58 73.5 65.8 98.8
 43 29.5 25.8 38.8

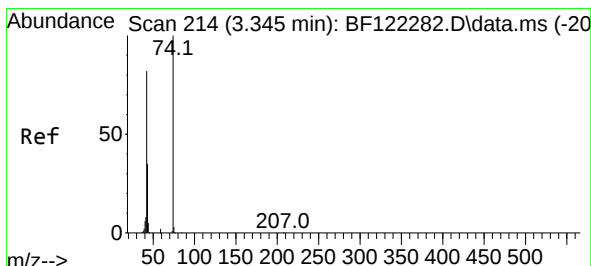
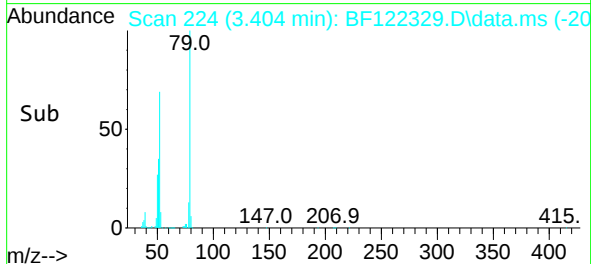
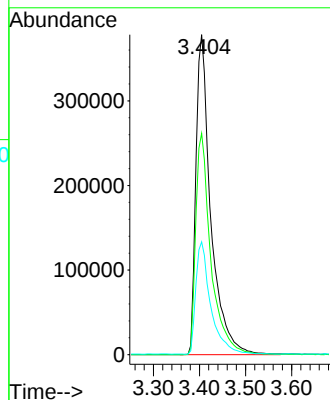
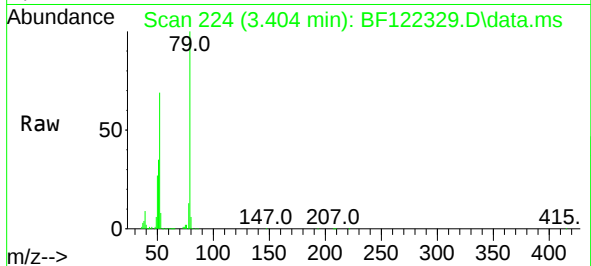




#3
Pyridine
Concen: 45.28 ng
RT: 3.404 min Scan# 224
Delta R.T. 0.012 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

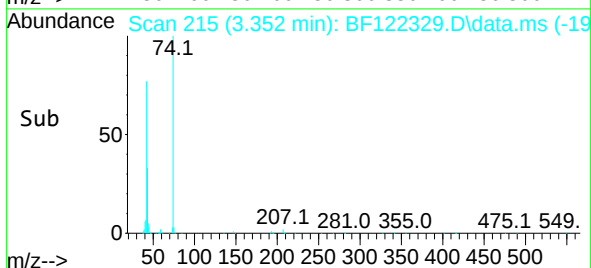
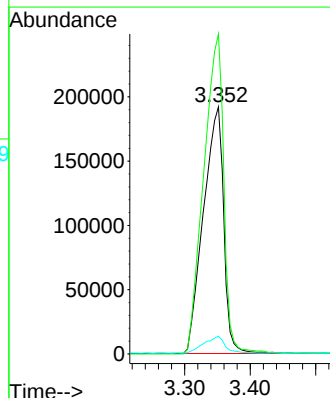
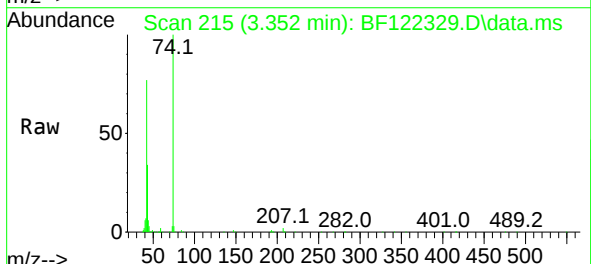
Instrument :
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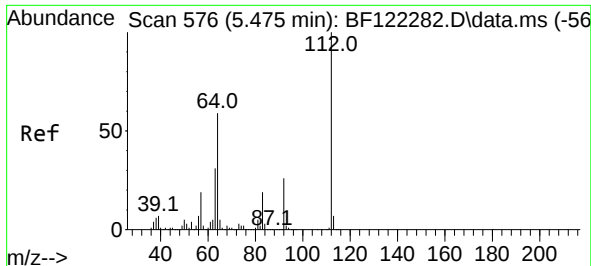
Tgt Ion: 79 Resp: 849329
Ion Ratio Lower Upper
79 100
52 69.2 62.2 93.4
51 35.2 31.1 46.7



#4
n-Nitrosodimethylamine
Concen: 46.72 ng
RT: 3.352 min Scan# 215
Delta R.T. 0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion: 42 Resp: 413120
Ion Ratio Lower Upper
42 100
74 129.5 100.2 150.2
44 7.2 5.8 8.6

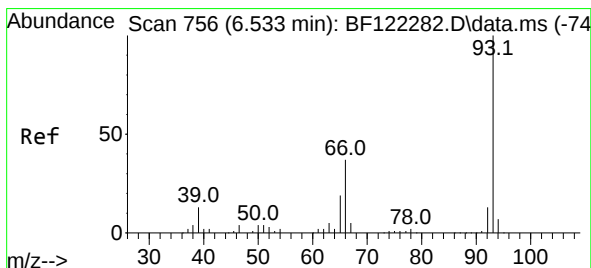
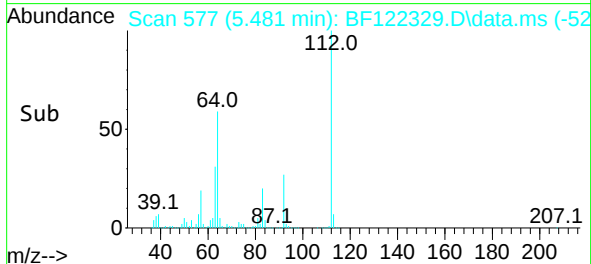
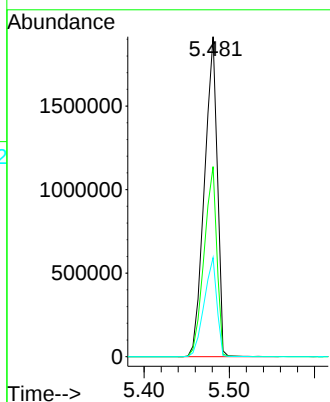
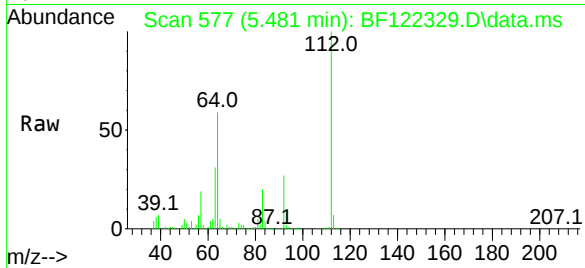




#5
2-Fluorophenol
Concen: 135.51 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

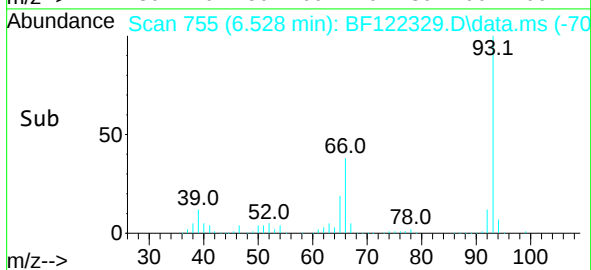
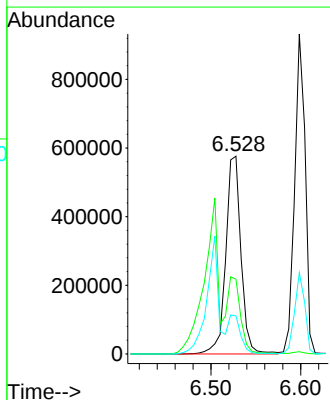
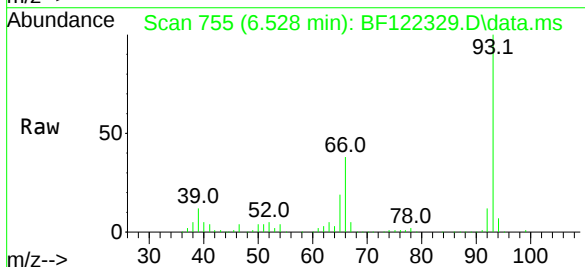
Instrument :
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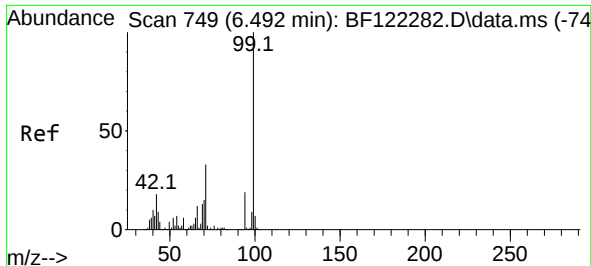
Tgt Ion:112 Resp: 2015344
Ion Ratio Lower Upper
112 100
64 59.4 50.4 75.6
63 31.0 25.8 38.6



#6
Aniline
Concen: 26.60 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion: 93 Resp: 679075
Ion Ratio Lower Upper
93 100
66 37.8 32.7 49.1
65 19.3 16.6 24.8



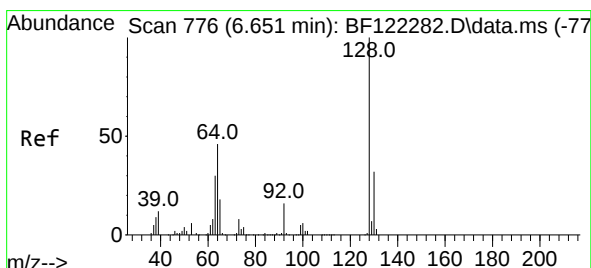
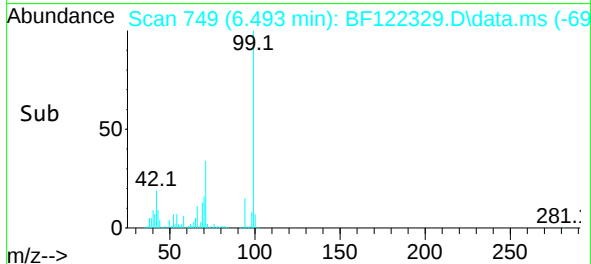
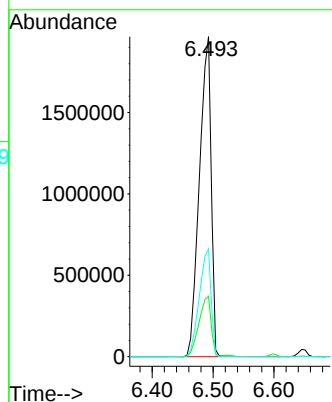
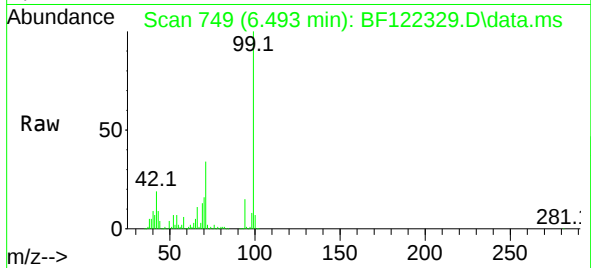


#7
Phenol-d6
Concen: 135.06 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Instrument :
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ClientSampleId :
R-LA-33-4-WCMS

Tgt Ion: 99 Resp: 2627622

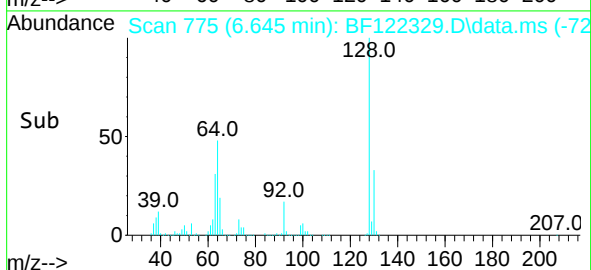
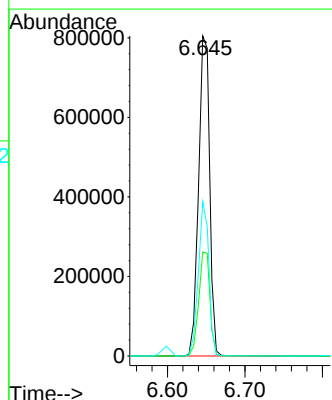
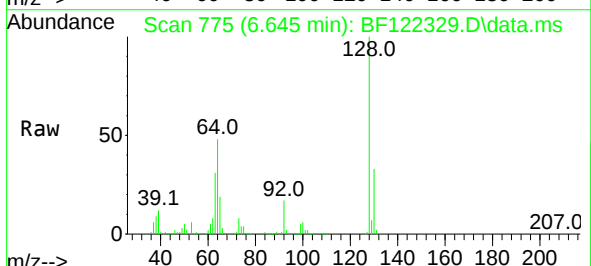
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.9	23.9
71	33.7	27.1	40.7

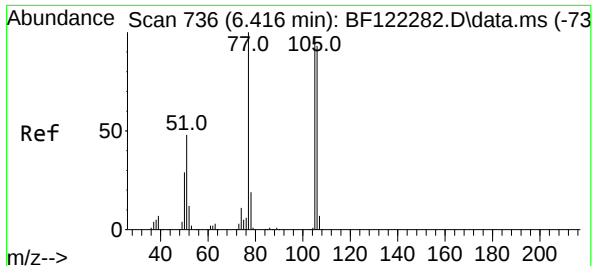


#8
2-Chlorophenol
Concen: 51.90 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion: 128 Resp: 800519

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.4	52.4
64	48.2	34.8	74.8

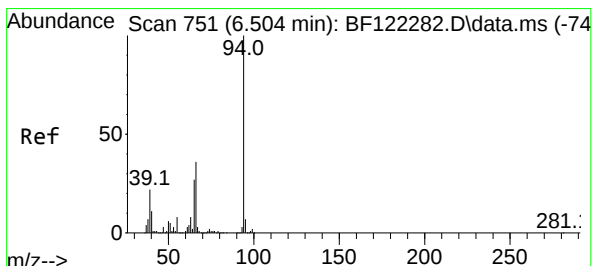
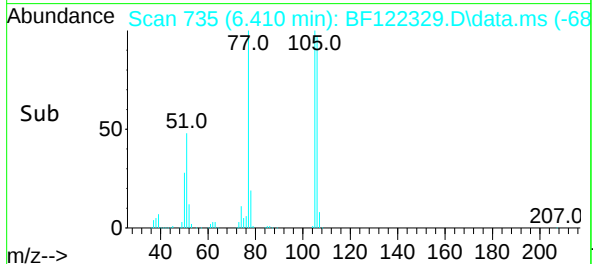
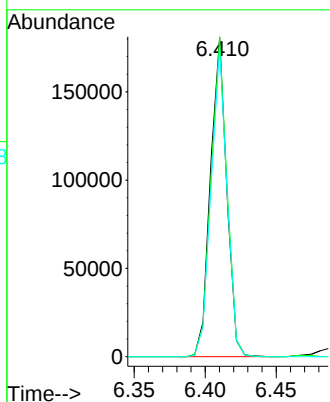
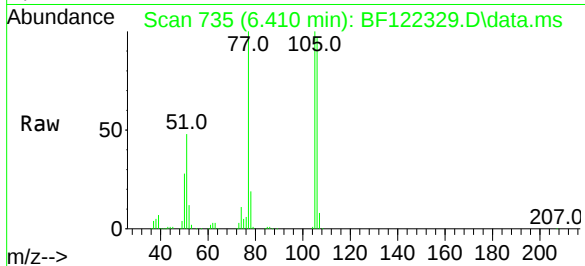




#9
Benzaldehyde
Concen: 10.45 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

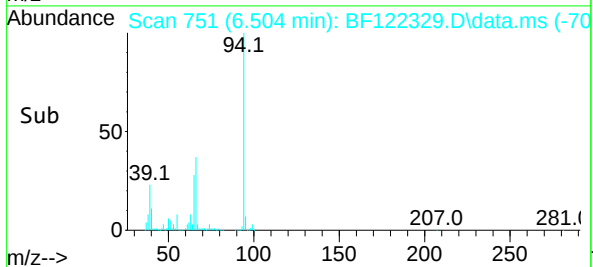
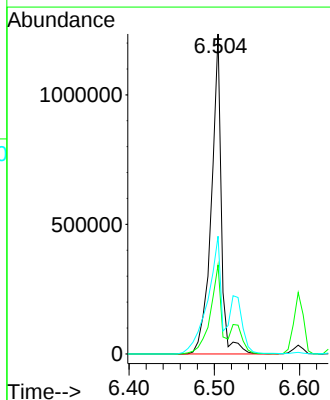
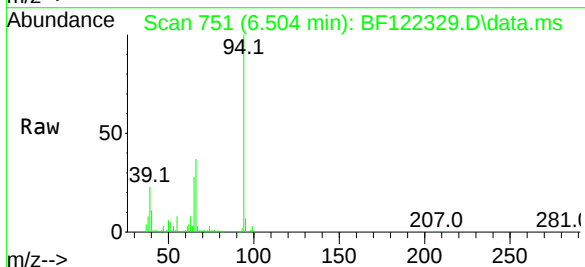
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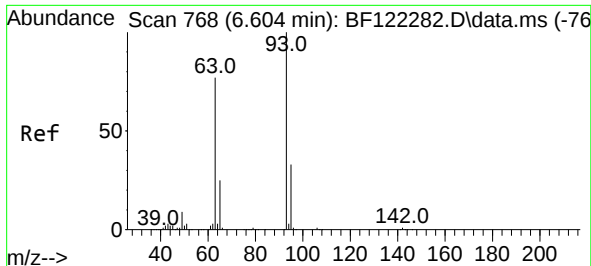
Tgt Ion: 77 Resp: 143480
Ion Ratio Lower Upper
77 100
105 100.2 76.7 116.7
106 96.9 71.3 111.3



#10
Phenol
Concen: 52.56 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion: 94 Resp: 1007012
Ion Ratio Lower Upper
94 100
65 27.8 17.1 57.1
66 36.8 36.0 76.0

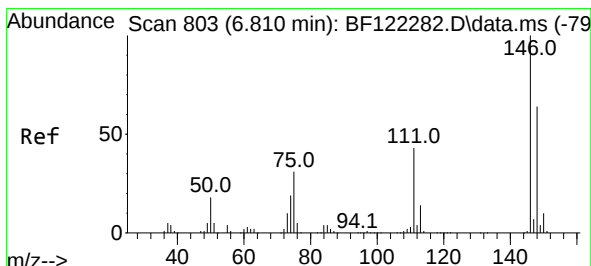
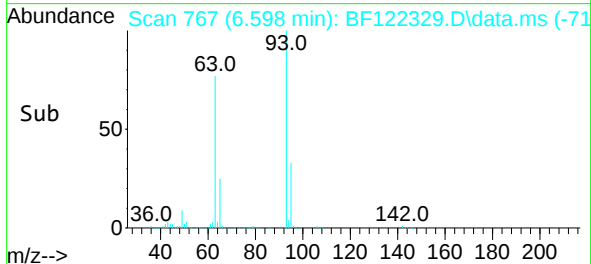
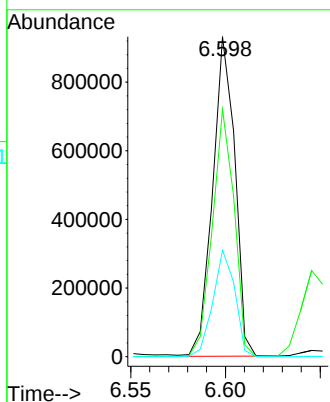
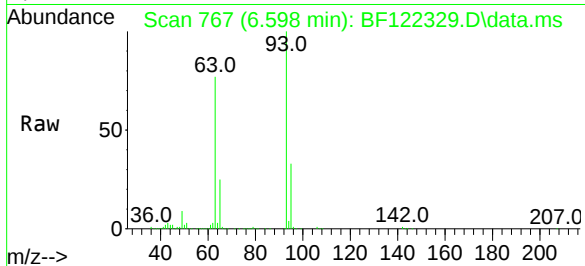




#11
bis(2-Chloroethyl)ether
Concen: 49.80 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

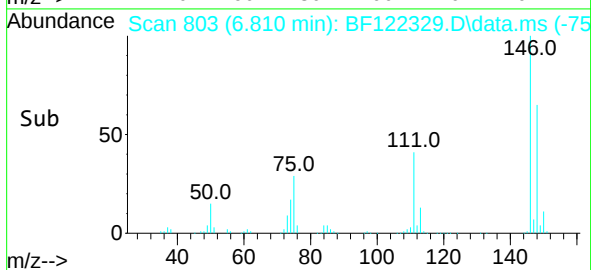
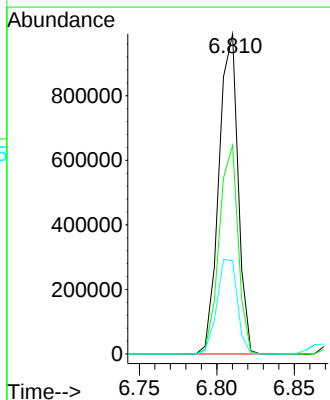
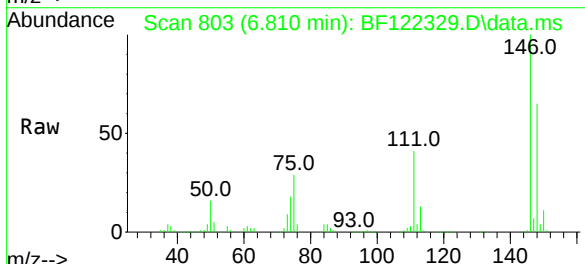
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

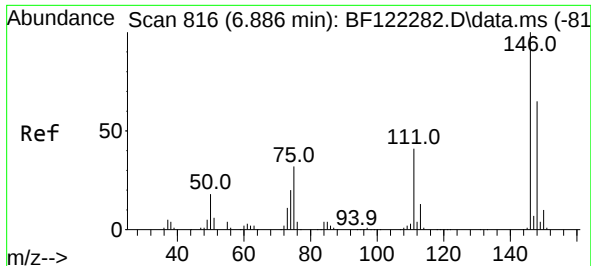
Tgt Ion: 93 Resp: 758298
Ion Ratio Lower Upper
93 100
63 77.2 62.4 102.4
95 33.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 48.69 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:146 Resp: 852451
Ion Ratio Lower Upper
146 100
148 65.2 51.0 76.4
75 29.1 27.6 41.4

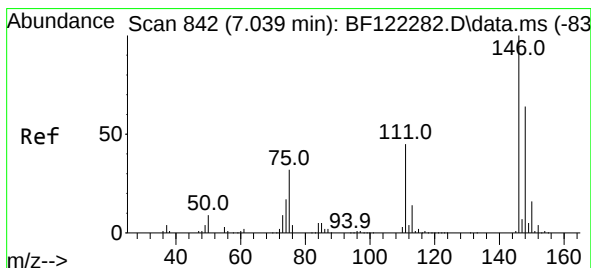
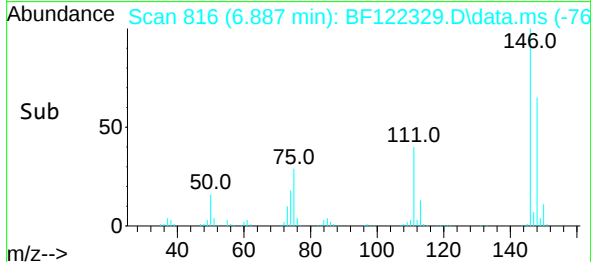
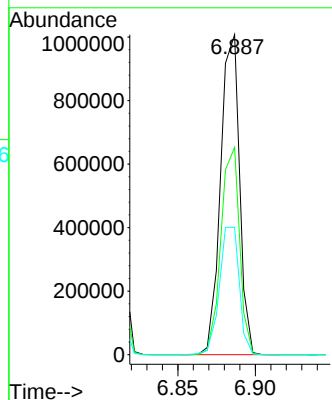
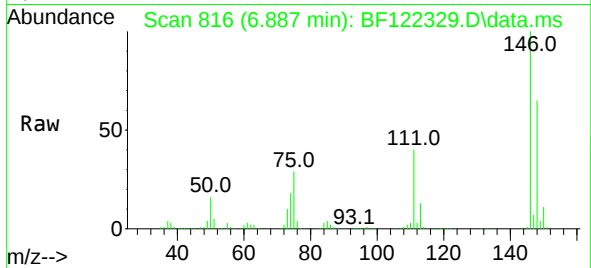




#13
1,4-Dichlorobenzene
Concen: 48.69 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

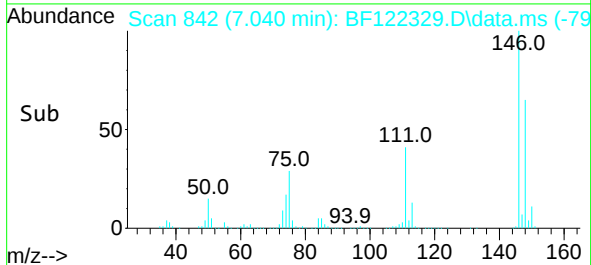
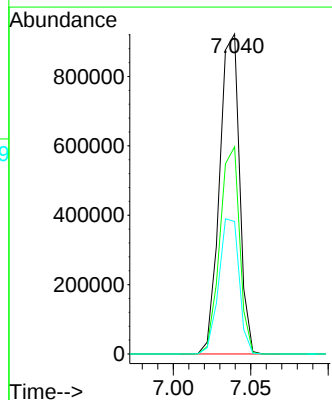
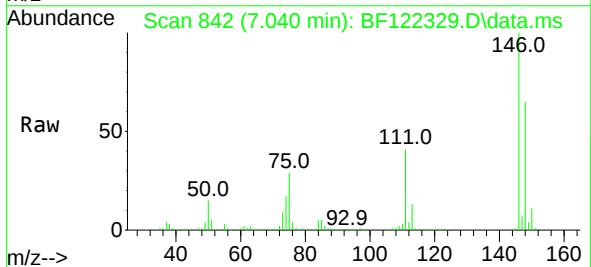
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

Tgt Ion:146 Resp: 856410
Ion Ratio Lower Upper
146 100
148 64.8 50.1 75.1
111 39.8 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 50.33 ng
RT: 7.040 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:146 Resp: 826169
Ion Ratio Lower Upper
146 100
148 64.8 51.1 76.7
111 41.4 34.2 51.4





#15

Benzyl Alcohol

Concen: 50.12 ng

RT: 7.004 min Scan# 836

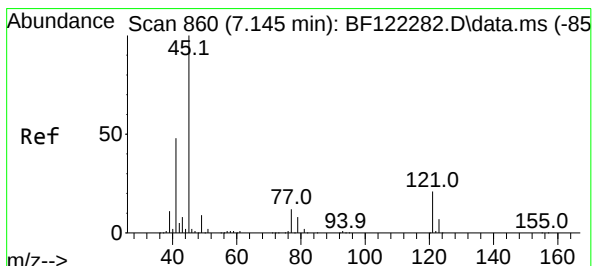
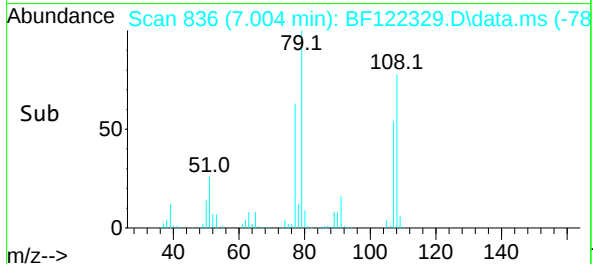
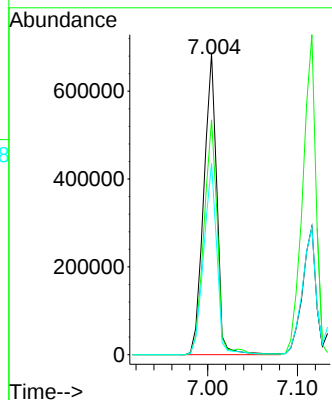
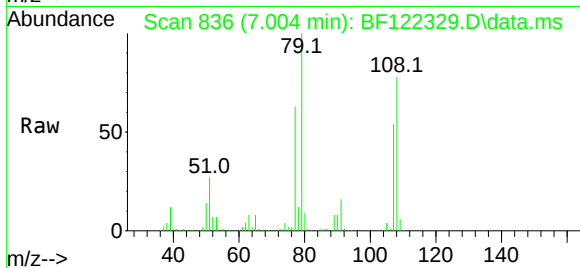
Delta R.T. 0.000 min

Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

Tgt Ion: 79 Resp: 693212

Ion	Ratio	Lower	Upper
79	100		
108	77.9	62.3	93.5
77	63.4	50.6	75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.44 ng

RT: 7.145 min Scan# 860

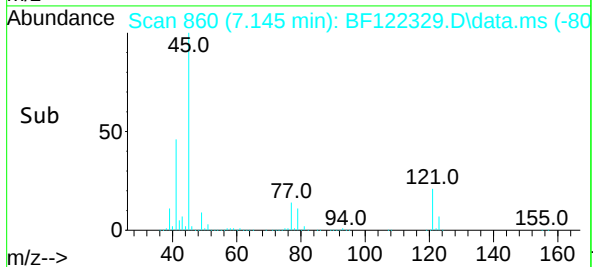
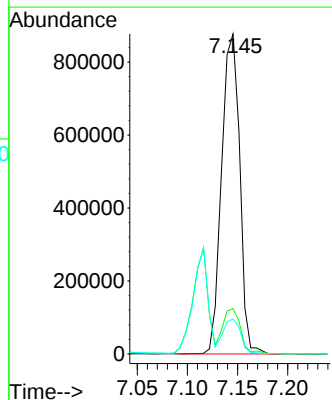
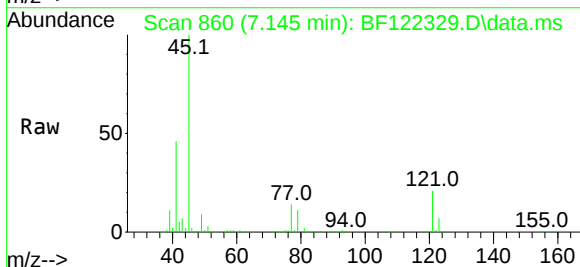
Delta R.T. 0.000 min

Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

Tgt Ion: 45 Resp: 1097308

Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.3
79	11.0	0.0	30.4

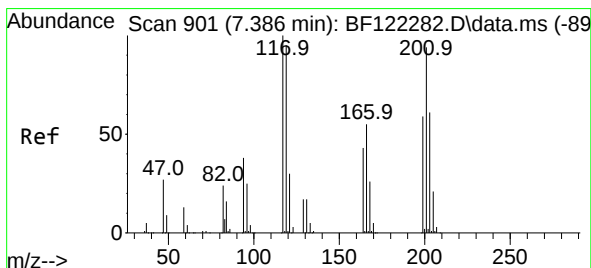
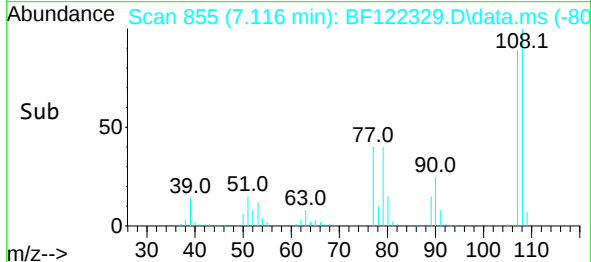
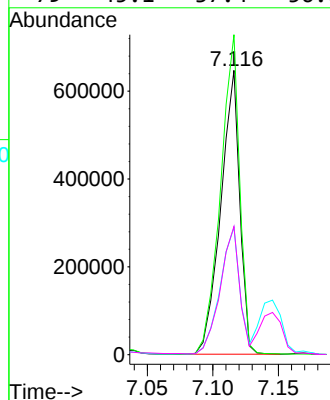
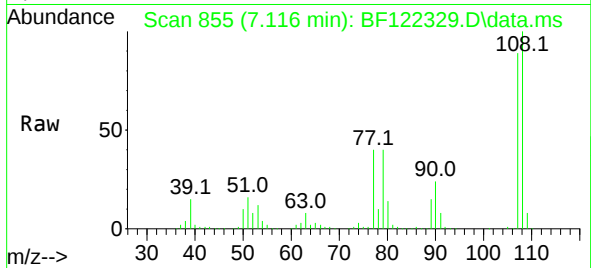




#17
2-Methylphenol
Concen: 50.48 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

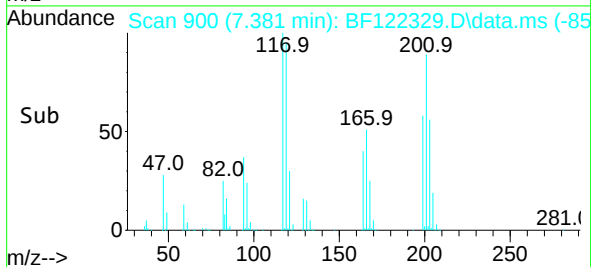
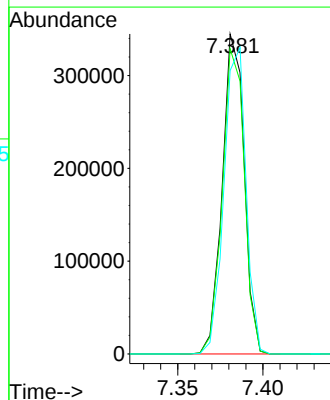
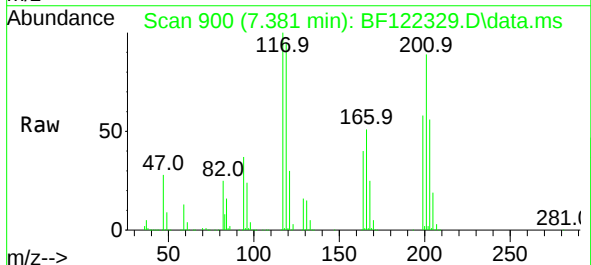
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

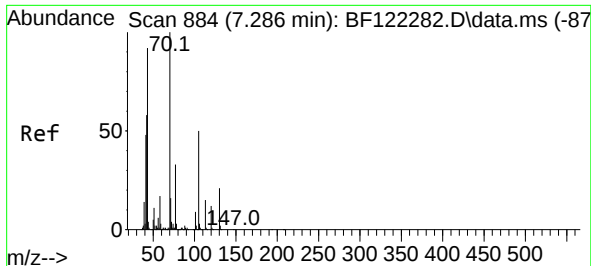
Tgt Ion:107 Resp: 649844
Ion Ratio Lower Upper
107 100
108 112.6 90.9 136.3
77 44.8 37.5 56.3
79 45.1 37.4 56.0



#18
Hexachloroethane
Concen: 50.41 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.005 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:117 Resp: 308757
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5
201 88.6 71.8 107.6

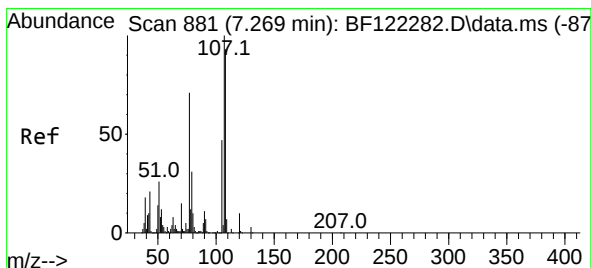
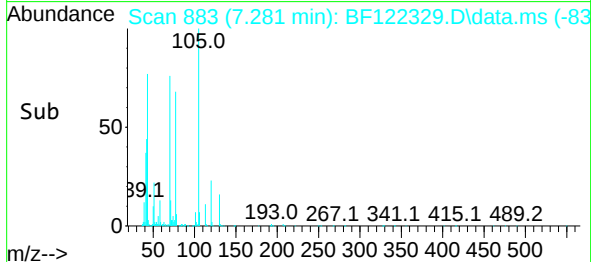
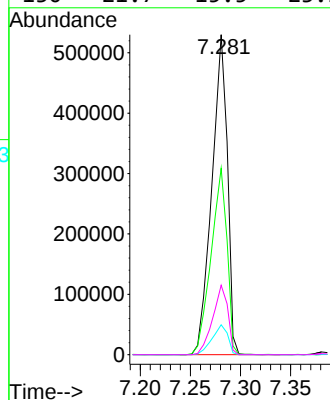
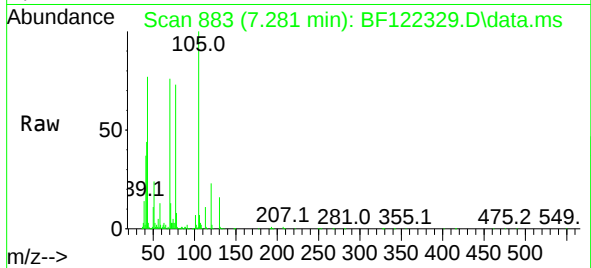




#19
n-Nitroso-di-n-propylamine
Concen: 49.02 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

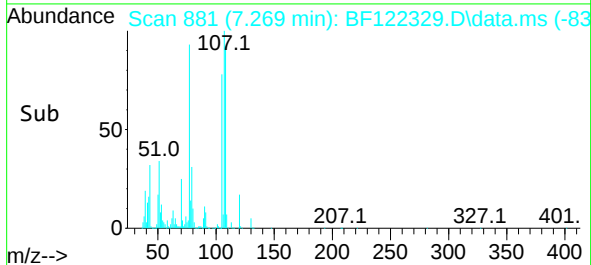
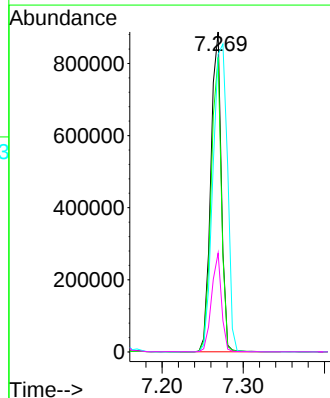
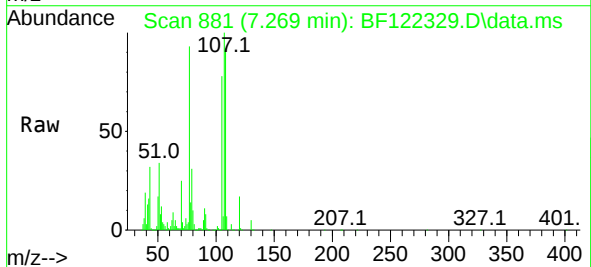
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

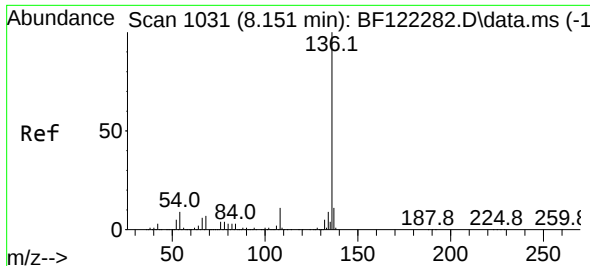
Tgt Ion: 70	Resp: 569890
Ion Ratio	Lower Upper
70	100
42	58.3 50.2 75.4
101	9.4 7.5 11.3
130	21.7 15.5 23.3



#20
3+4-Methylphenols
Concen: 50.23 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

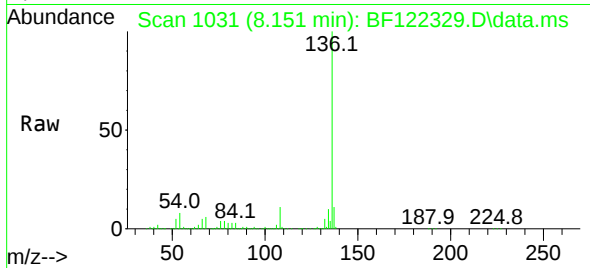
Tgt Ion: 107	Resp: 795760
Ion Ratio	Lower Upper
107	100
108	92.0 68.9 108.9
77	93.0 108.0 148.0#
79	30.9 10.5 50.5



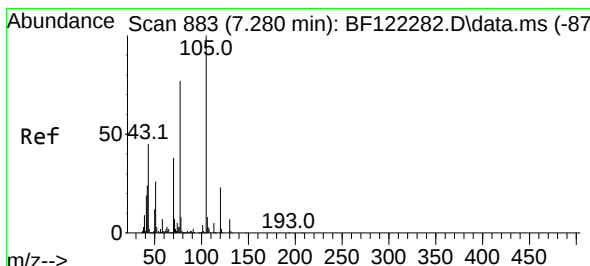
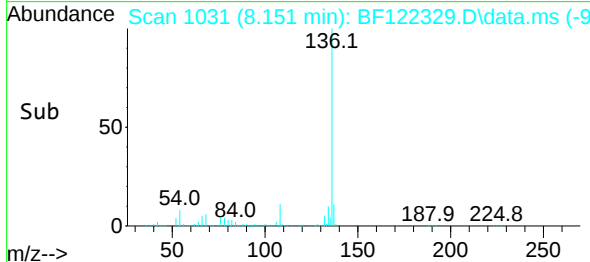
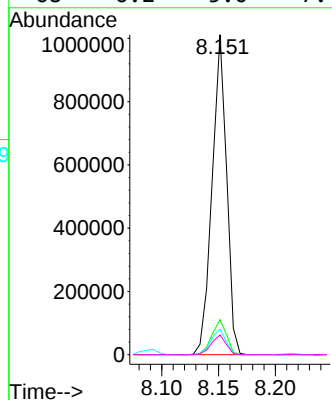


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

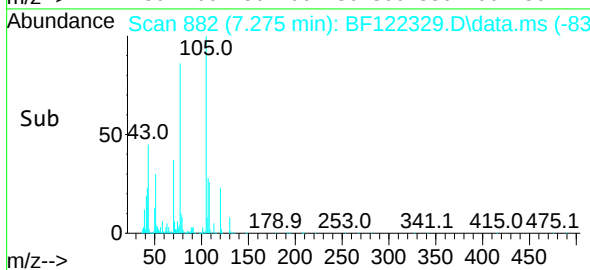
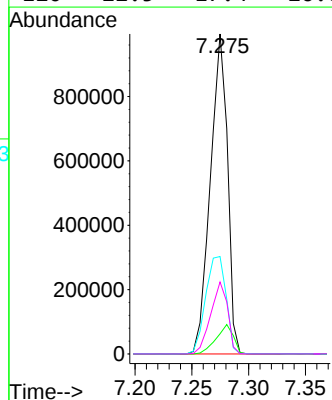
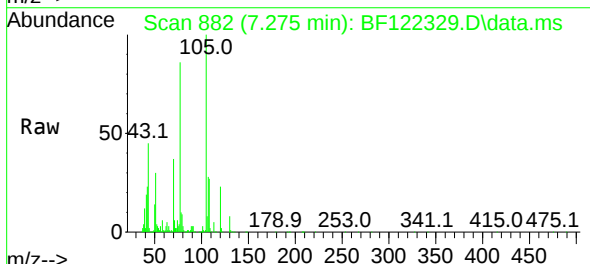


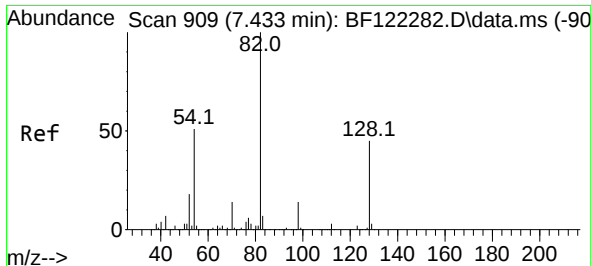
Tgt Ion	136	137	54	68
Ratio	100	11.0	7.9	6.2
Lower		8.6	7.1	5.0
Upper		13.0	10.7	7.4



#22
Acetophenone
Concen: 44.63 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion	105	71	51	120
Ratio	100	6.3	30.5	22.5
Lower		5.3	33.2	17.4
Upper		7.9	49.8	26.0





#23

Nitrobenzene-d5

Concen: 113.13 ng

RT: 7.428 min Scan# 908

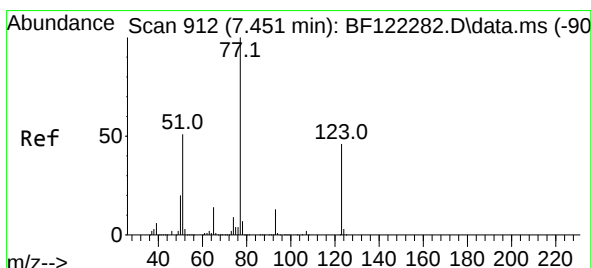
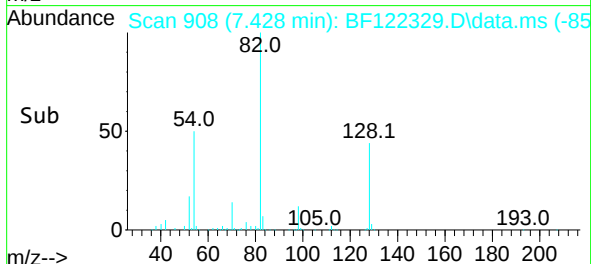
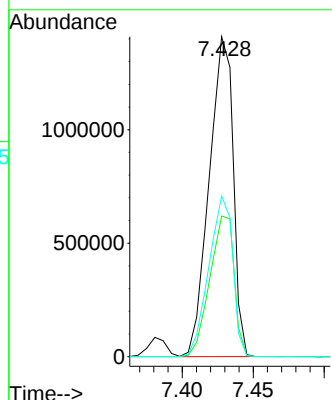
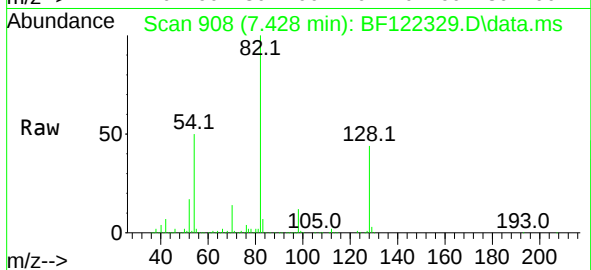
Delta R.T. -0.006 min

Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

Tgt Ion: 82 Resp: 1656309

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.0	52.4
54	50.2	43.9	65.9



#24

Nitrobenzene

Concen: 50.74 ng

RT: 7.451 min Scan# 912

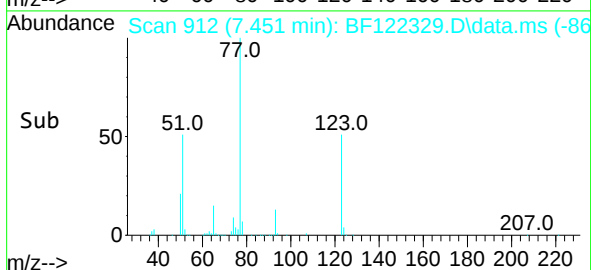
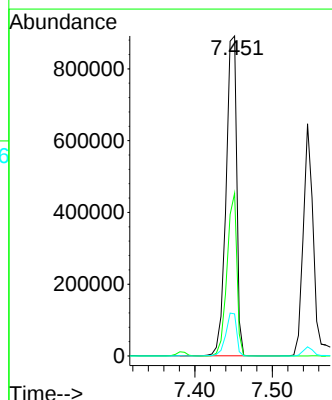
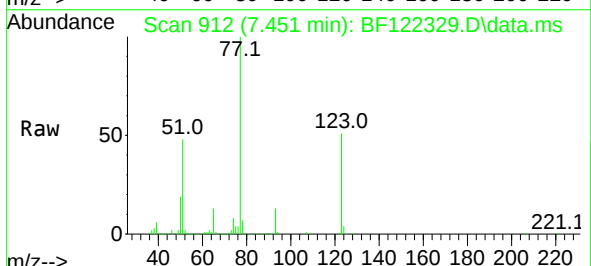
Delta R.T. 0.000 min

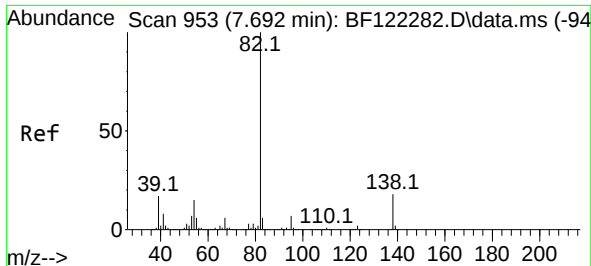
Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

Tgt Ion: 77 Resp: 849914

Ion	Ratio	Lower	Upper
77	100		
123	50.8	35.6	53.4
65	13.2	11.2	16.8

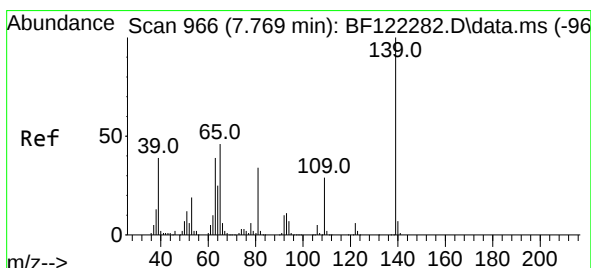
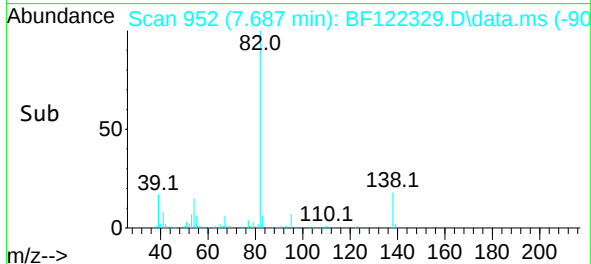
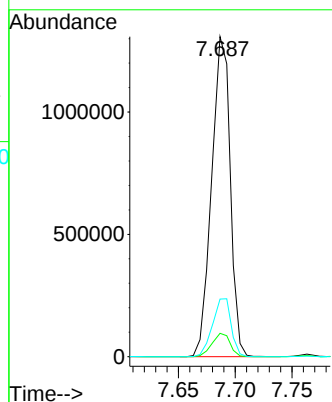
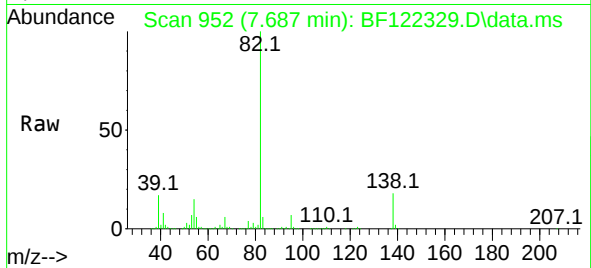




#25
Isophorone
Concen: 45.66 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.005 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

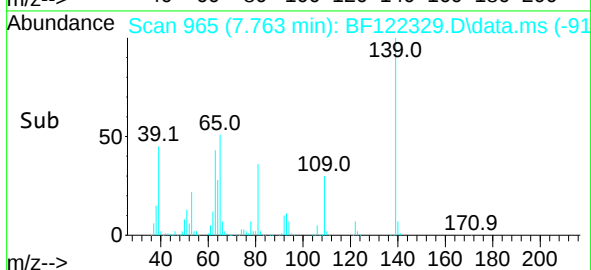
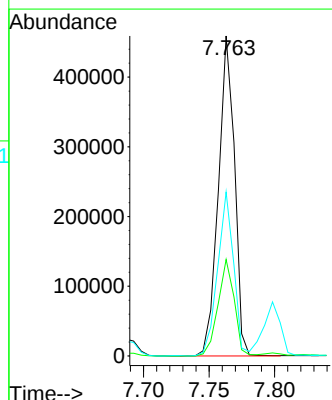
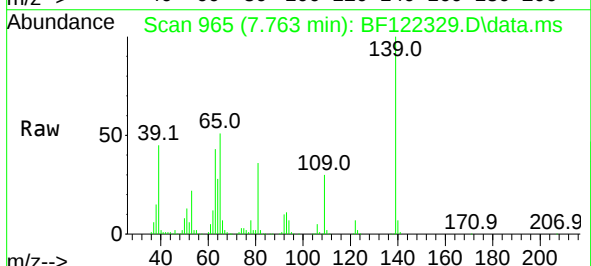
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

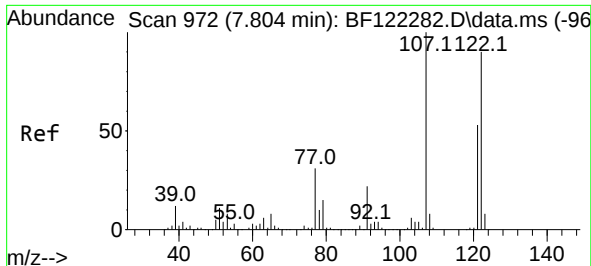
Tgt Ion: 82 Resp: 1490311
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.0
138 18.0 13.4 20.0



#26
2-Nitrophenol
Concen: 53.16 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:139 Resp: 392789
Ion Ratio Lower Upper
139 100
109 30.2 23.0 34.4
65 51.3 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 46.49 ng

RT: 7.798 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

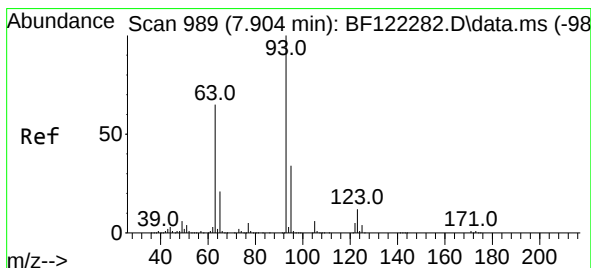
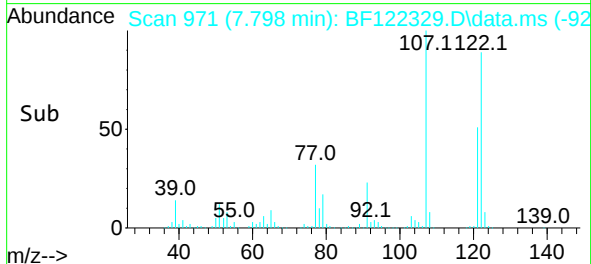
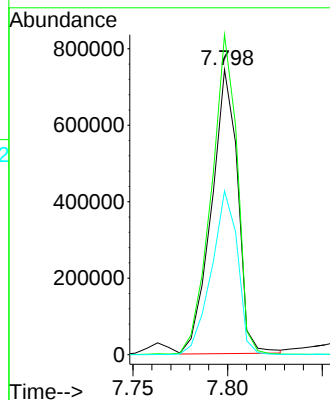
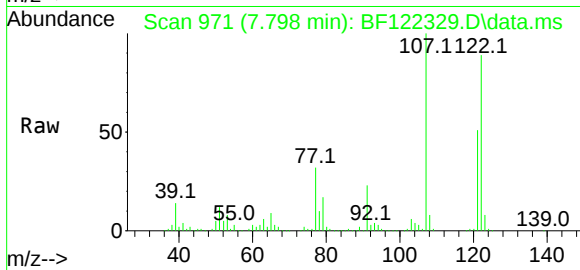
Tgt Ion:122 Resp: 715681

Ion Ratio Lower Upper

122 100

107 112.2 90.8 136.2

121 57.4 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 47.53 ng

RT: 7.898 min Scan# 988

Delta R.T. -0.005 min

Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

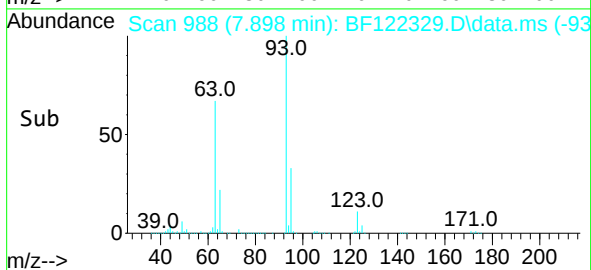
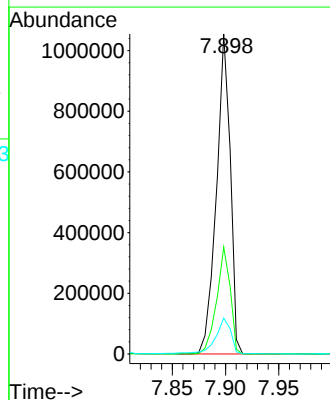
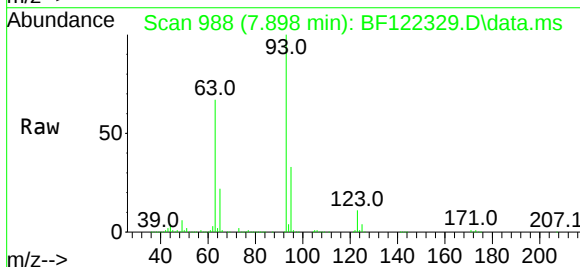
Tgt Ion: 93 Resp: 948786

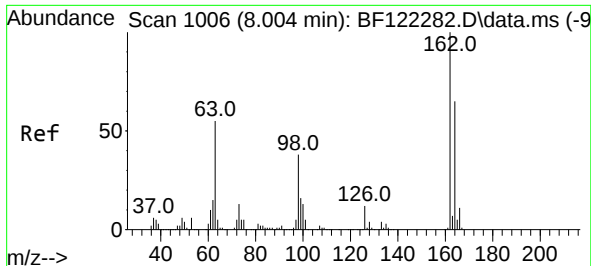
Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.4

123 11.2 8.8 13.2

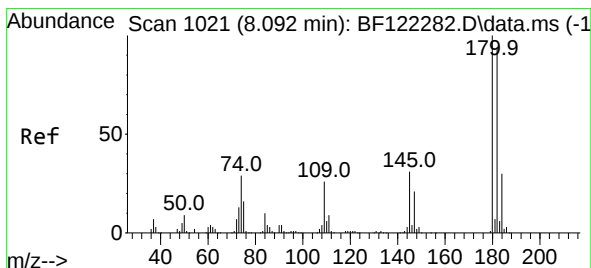
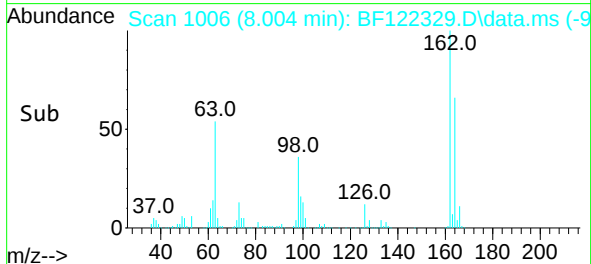
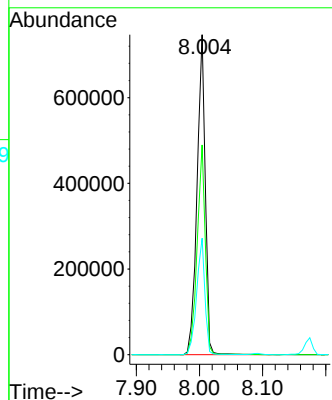
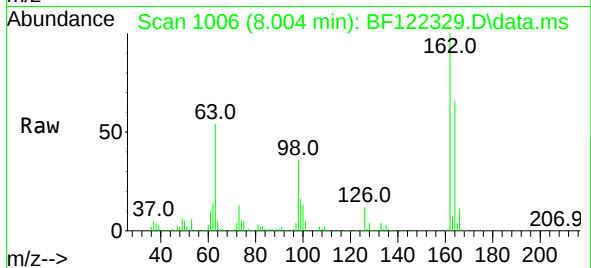




#29
2,4-Dichlorophenol
Concen: 49.59 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

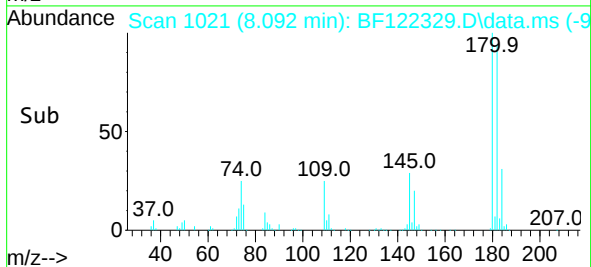
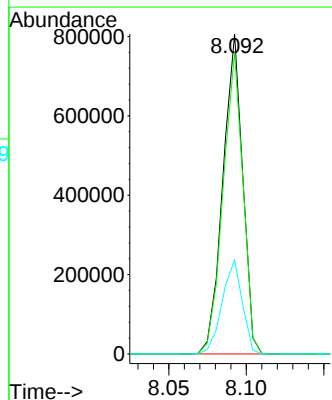
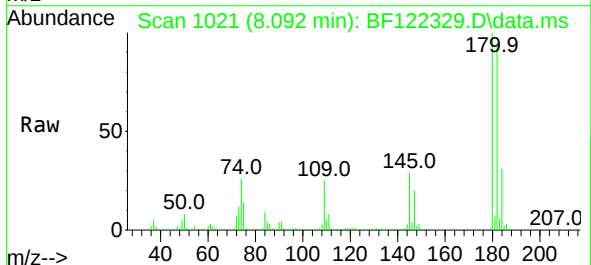
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

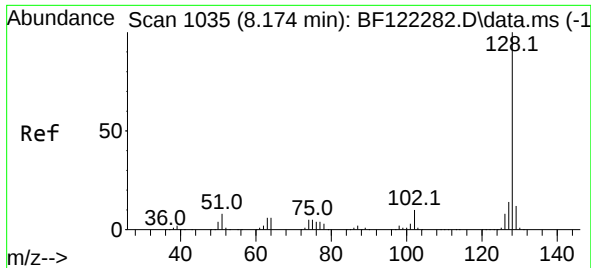
Tgt Ion:	162	Resp:	675943
Ion Ratio	Lower	Upper	
162	100		
164	65.5	42.5	82.5
98	36.4	20.1	60.1



#30
1,2,4-Trichlorobenzene
Concen: 47.50 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:	180	Resp:	714604
Ion Ratio	Lower	Upper	
180	100		
182	94.2	79.4	119.2
145	29.3	25.5	38.3

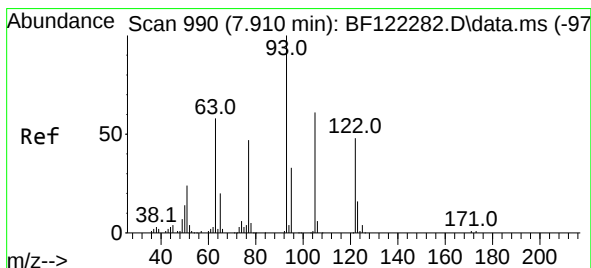
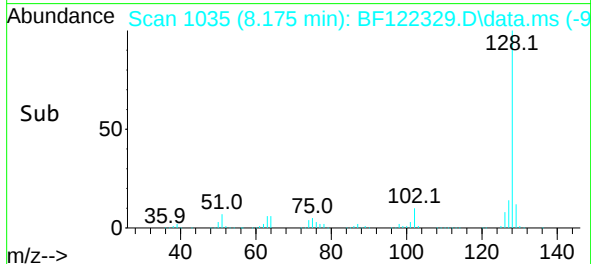
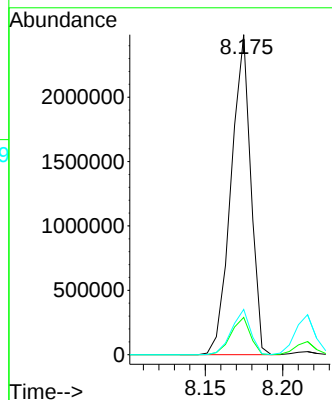
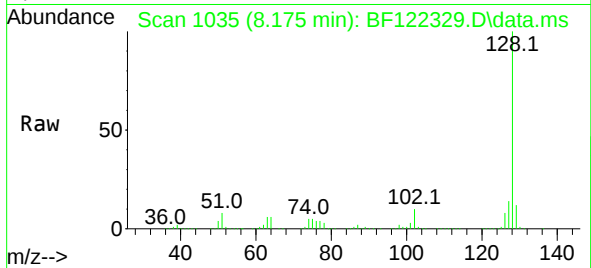




#31
Naphthalene
Concen: 46.04 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

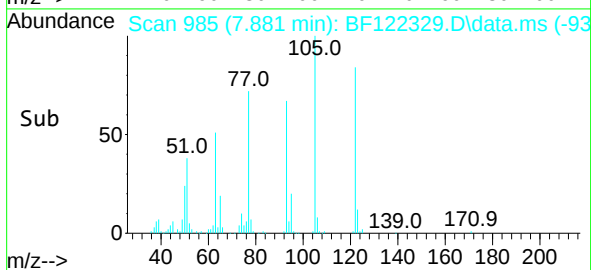
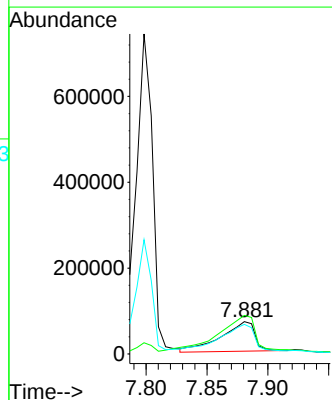
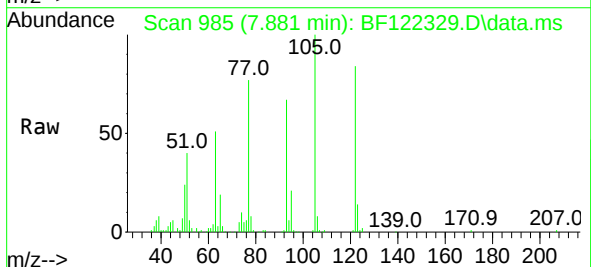
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

Tgt Ion:128 Resp: 2194116
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 14.1 10.8 16.2



#32
Benzoic acid
Concen: 21.10 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.029 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:122 Resp: 134235
Ion Ratio Lower Upper
122 100
105 119.0 103.3 143.3
77 91.5 73.9 113.9

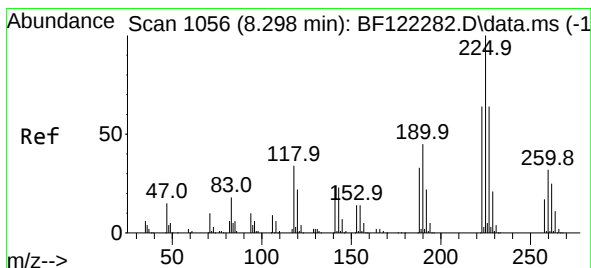
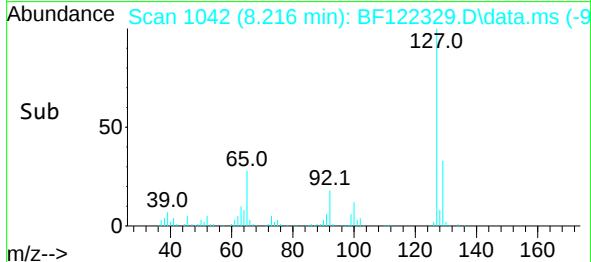
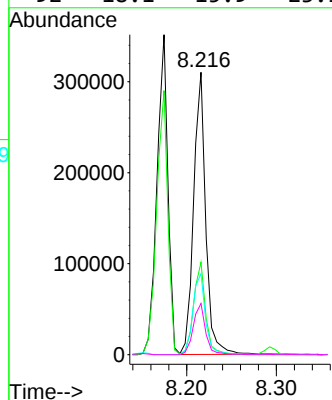
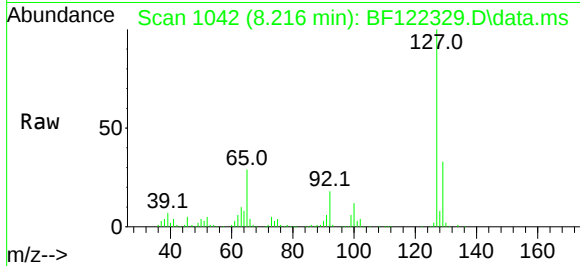




#33
4-Chloroaniline
Concen: 14.00 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

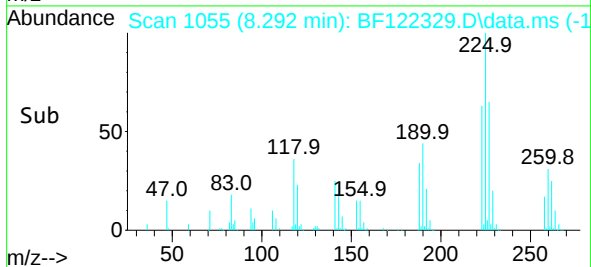
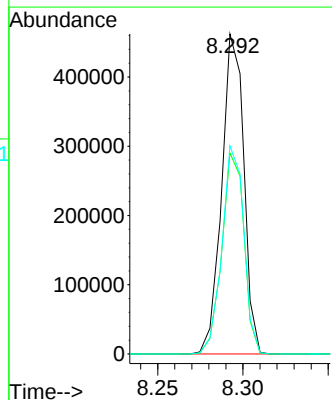
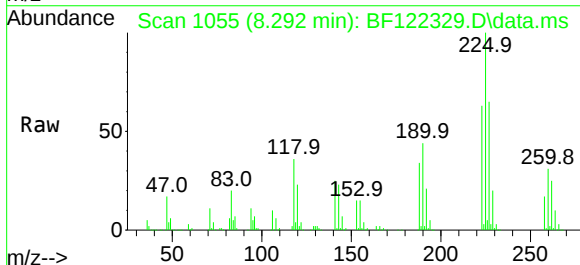
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

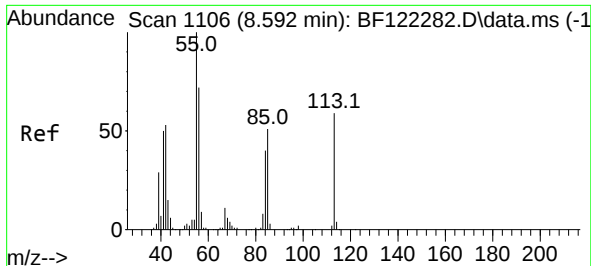
Tgt Ion:	127	Resp:	290460
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	28.7	26.2	39.2
92	18.1	15.9	23.9



#34
Hexachlorobutadiene
Concen: 48.09 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:	225	Resp:	415825
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.1	76.7
227	65.0	51.0	76.6

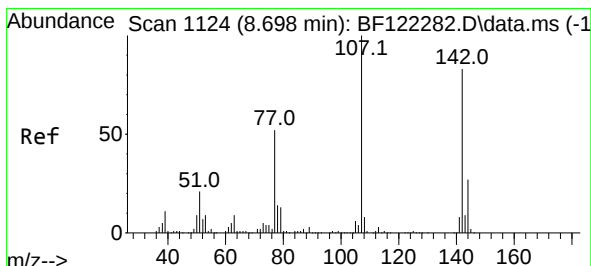
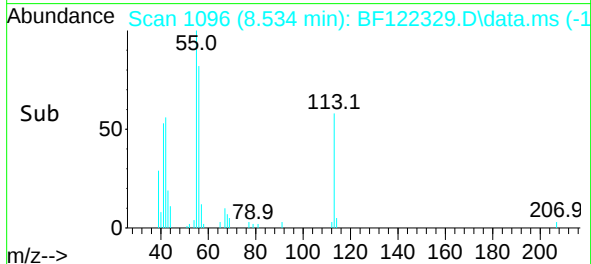
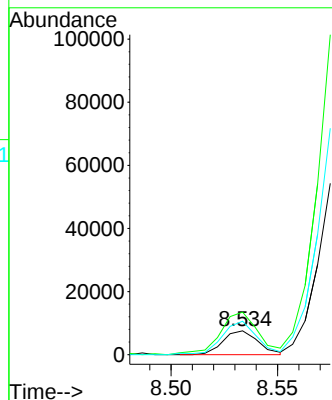
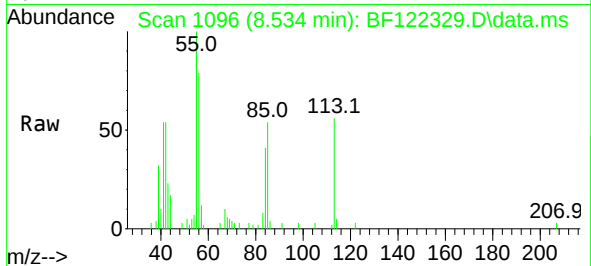




#35
 Caprolactam
 Concen: 2.01 ng
 RT: 8.534 min Scan# 1096
 Delta R.T. -0.058 min
 Lab File: BF122329.D
 Acq: 13 Nov 2020 15:06

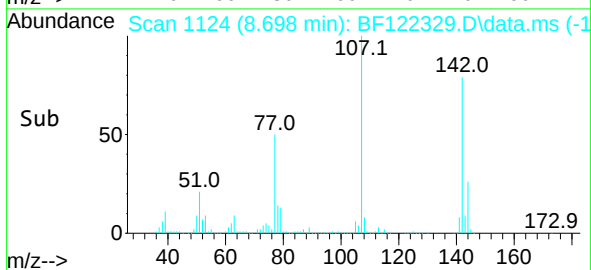
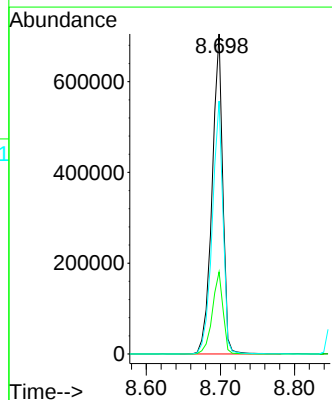
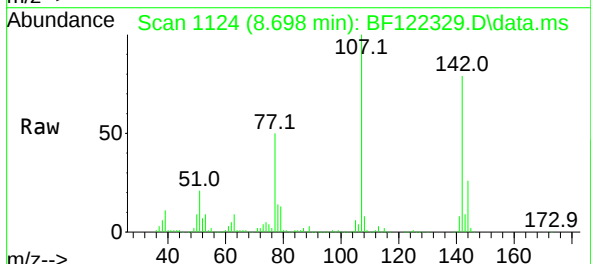
Instrument :
 BNA_F
 ClientSampleId :
 R-LA-33-4-WCMS

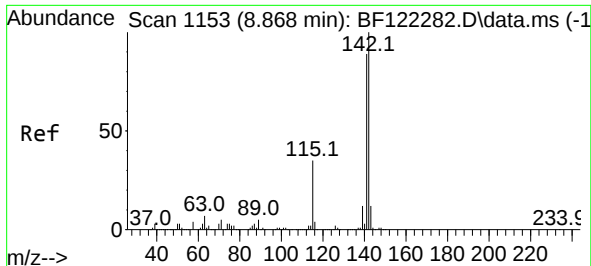
Tgt Ion:	113	Resp:	8692
Ion	Ratio	Lower	Upper
113	100		
55	177.9	167.5	207.5
56	140.2	121.2	161.2



#36
 4-Chloro-3-methylphenol
 Concen: 49.63 ng
 RT: 8.698 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF122329.D
 Acq: 13 Nov 2020 15:06

Tgt Ion:	107	Resp:	705559
Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.1	30.1
142	79.1	59.3	88.9

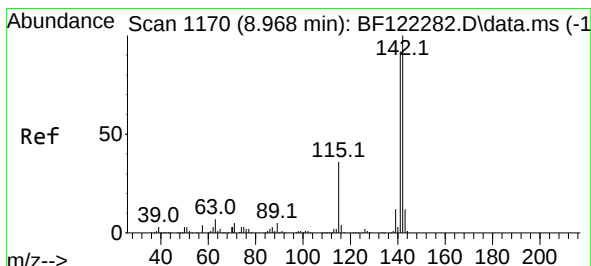
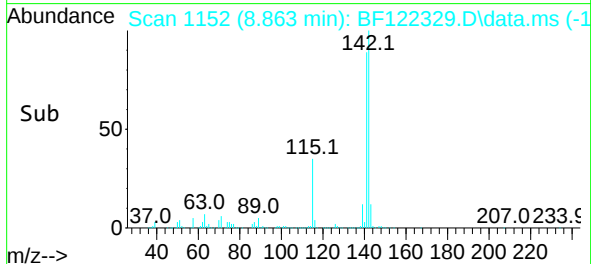
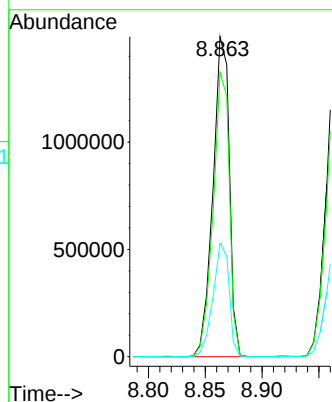
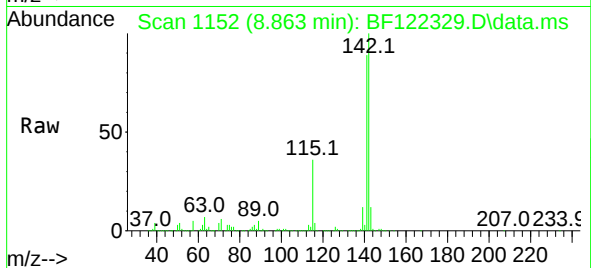




#37
2-Methylnaphthalene
Concen: 47.53 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

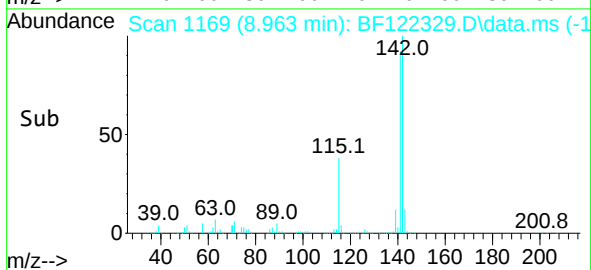
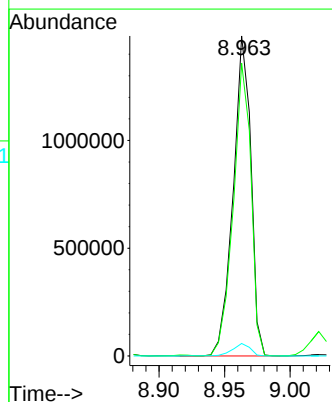
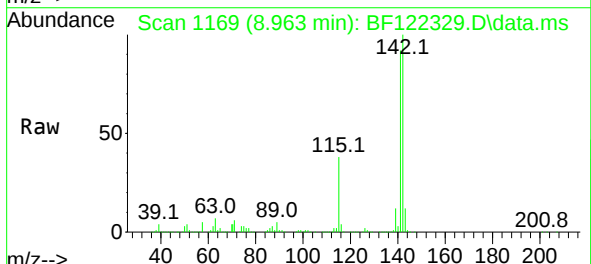
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

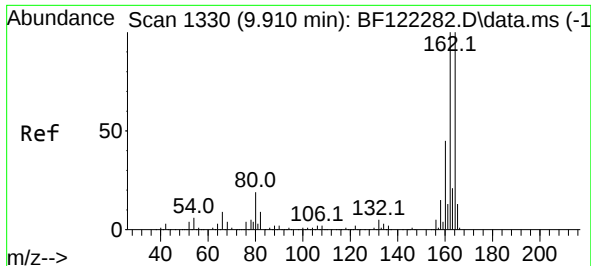
Tgt Ion:142 Resp: 1496455
Ion Ratio Lower Upper
142 100
141 88.8 70.2 105.4
115 35.5 28.6 43.0



#38
1-Methylnaphthalene
Concen: 47.45 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:142 Resp: 1398172
Ion Ratio Lower Upper
142 100
141 91.5 74.5 111.7
116 3.9 3.2 4.8

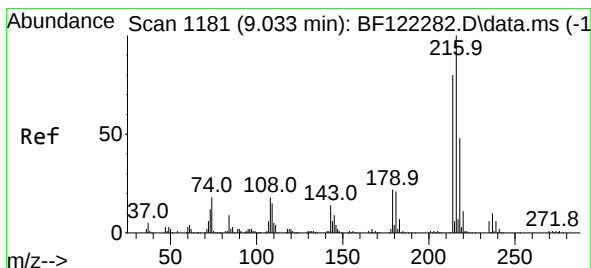
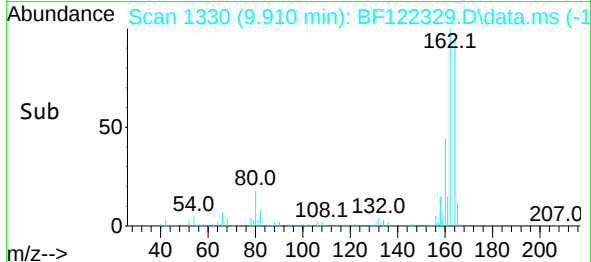
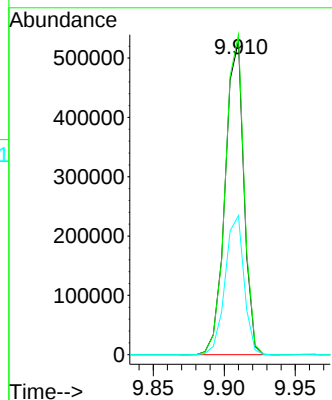
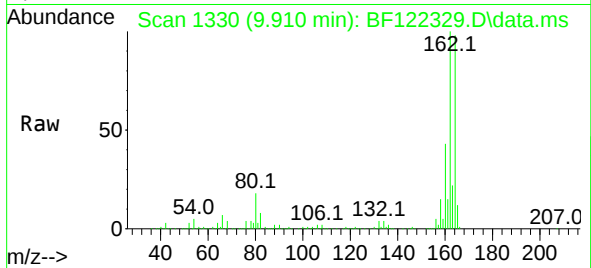




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

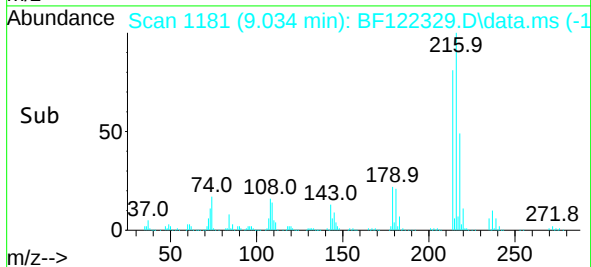
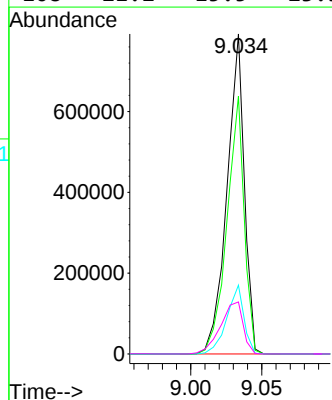
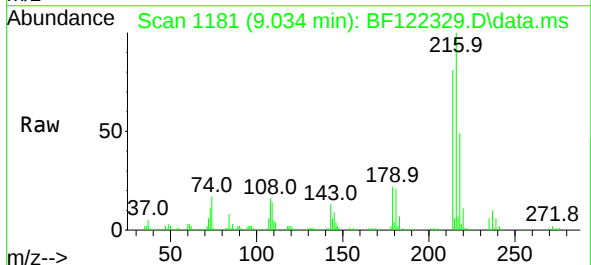
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

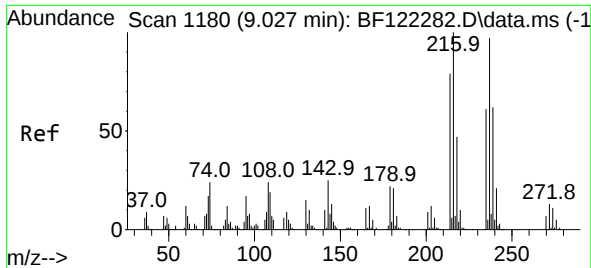
Tgt Ion:164 Resp: 484234
Ion Ratio Lower Upper
164 100
162 102.0 83.2 124.8
160 44.3 37.5 56.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.21 ng
RT: 9.034 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:216 Resp: 674616
Ion Ratio Lower Upper
216 100
214 79.9 63.4 95.2
179 21.2 17.0 25.6
108 21.2 15.5 23.3

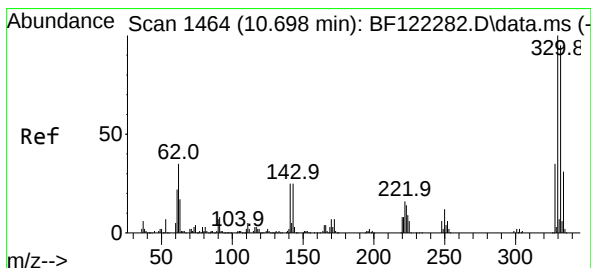
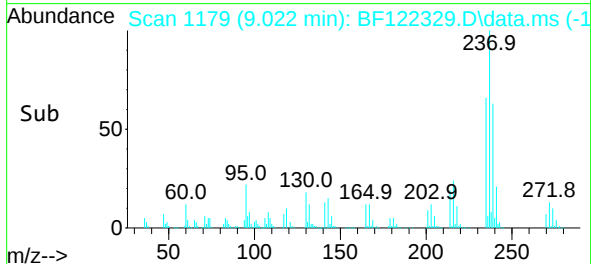
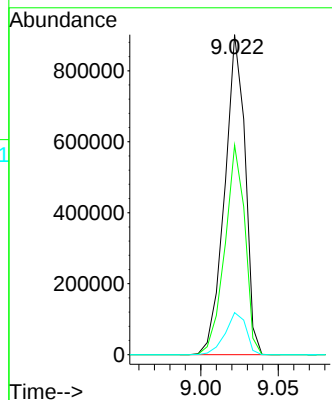
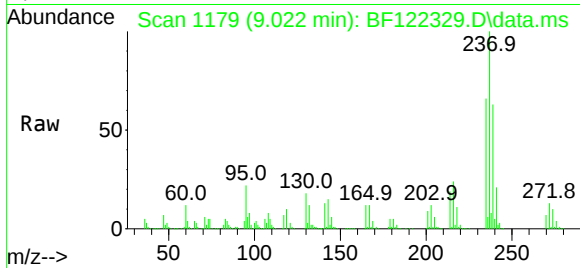




#41
Hexachlorocyclopentadiene
Concen: 94.76 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

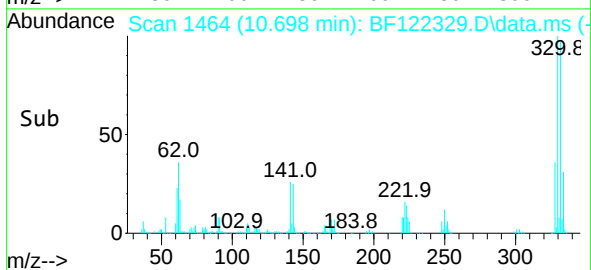
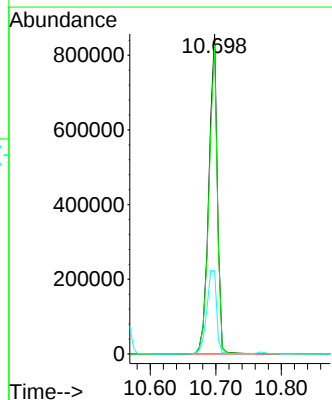
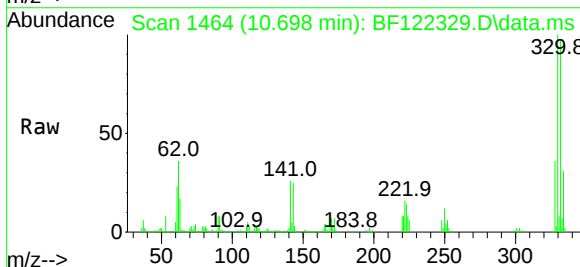
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

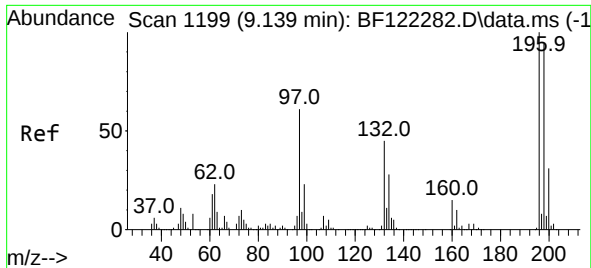
Tgt Ion:237 Resp: 826742
Ion Ratio Lower Upper
237 100
235 65.5 41.8 81.8
272 13.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 148.24 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:330 Resp: 770432
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 30.6 22.3 33.5

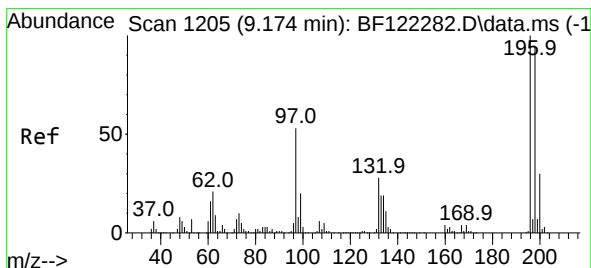
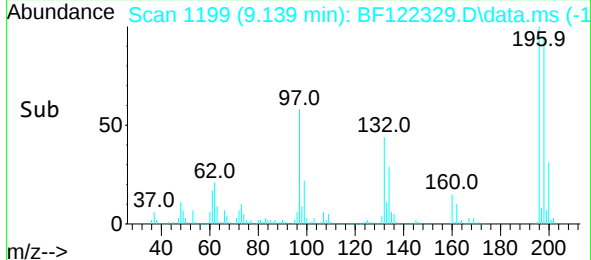
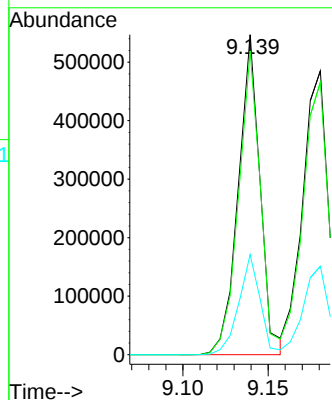
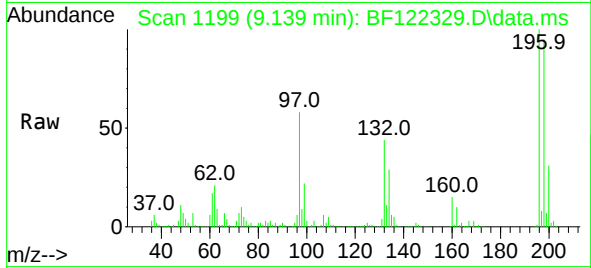




#43
2,4,6-Trichlorophenol
Concen: 50.08 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

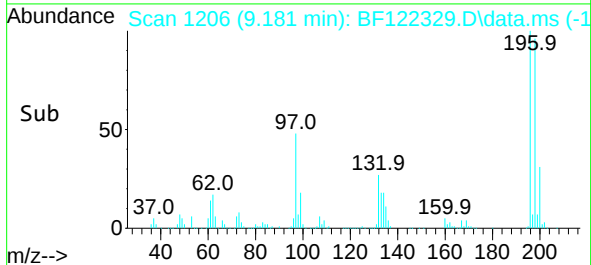
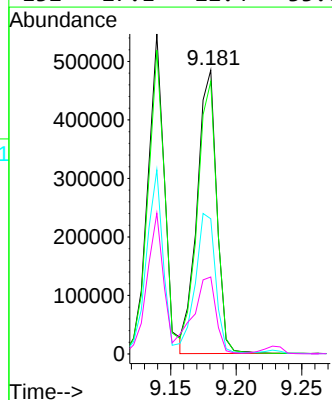
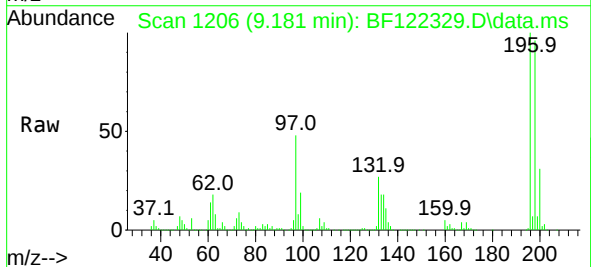
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

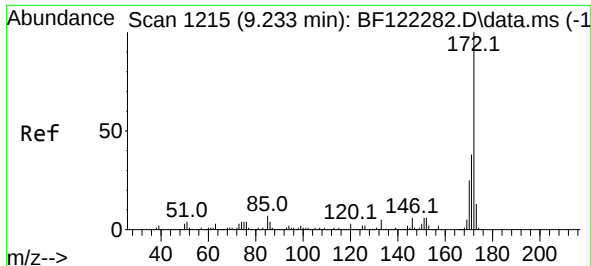
Tgt Ion:196 Resp: 485277
Ion Ratio Lower Upper
196 100
198 94.9 75.8 113.6
200 31.3 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 49.83 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:196 Resp: 506189
Ion Ratio Lower Upper
196 100
198 96.0 76.1 114.1
97 47.6 41.0 61.6
132 27.1 22.4 33.6

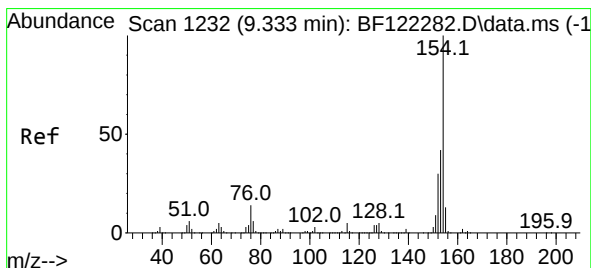
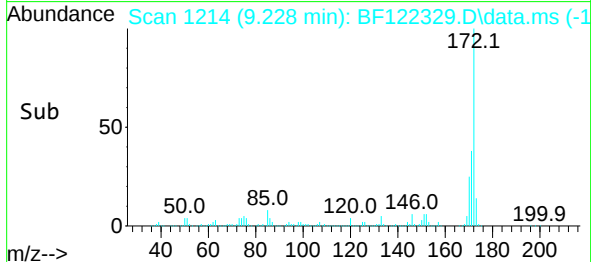
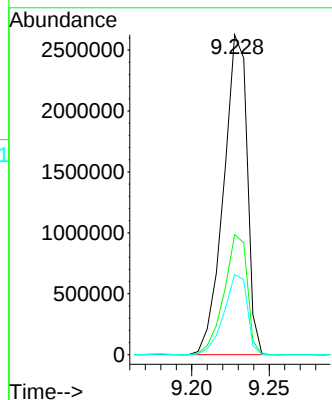
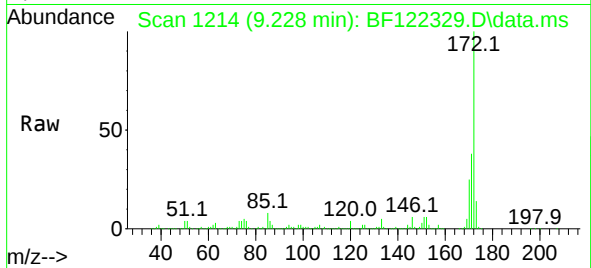




#45
2-Fluorobiphenyl
Concen: 89.56 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

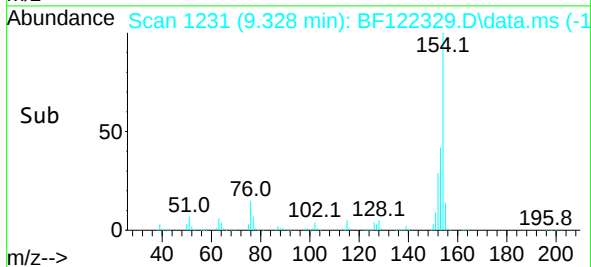
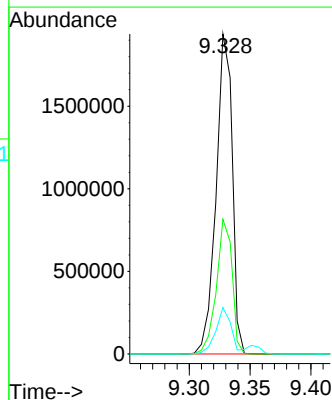
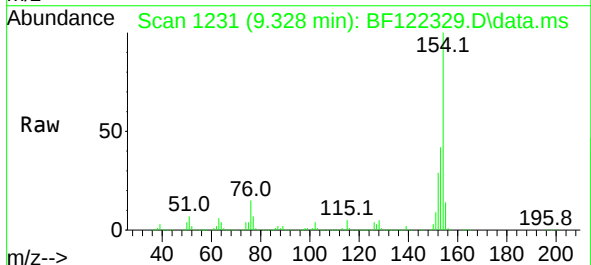
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

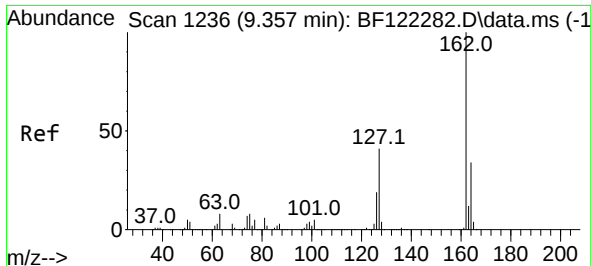
Tgt Ion:172 Resp: 2775577
Ion Ratio Lower Upper
172 100
171 37.6 29.1 43.7
170 25.1 19.8 29.6



#46
1,1'-Biphenyl
Concen: 46.33 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.005 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:154 Resp: 1785600
Ion Ratio Lower Upper
154 100
153 42.1 21.3 61.3
76 14.5 0.0 34.7





#47

2-Chloronaphthalene

Concen: 46.50 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

Tgt Ion:162 Resp: 1422542

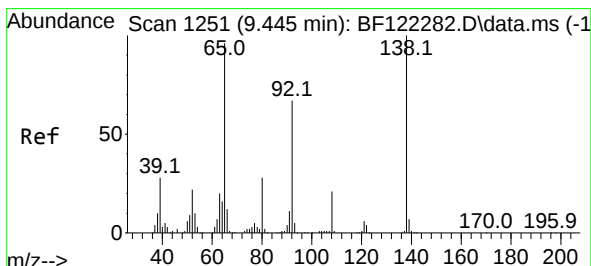
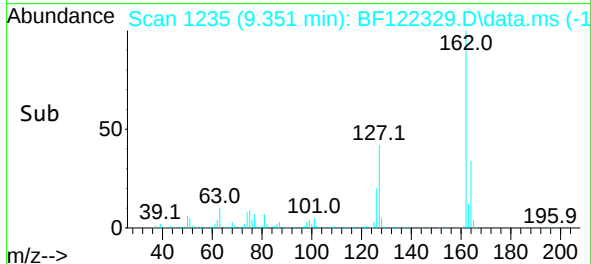
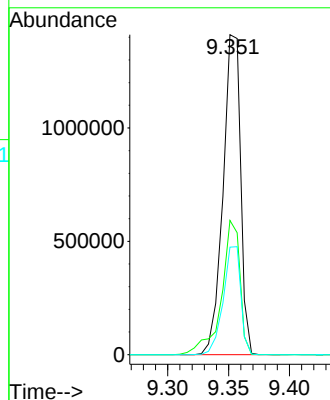
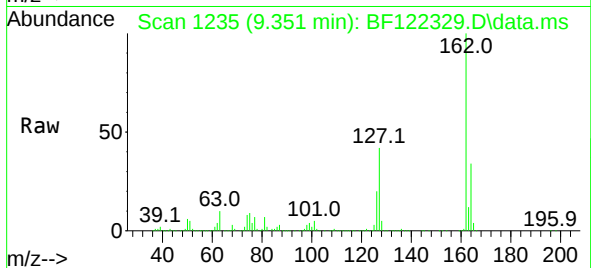
Ion	Ratio	Lower	Upper
162	100		
127	42.0	34.4	51.6
164	33.6	26.3	39.5

Instrument :

BNA_F

ClientSampleId :

R-LA-33-4-WCMS



#48

2-Nitroaniline

Concen: 49.21 ng

RT: 9.445 min Scan# 1251

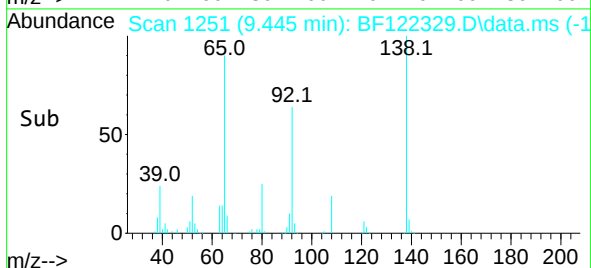
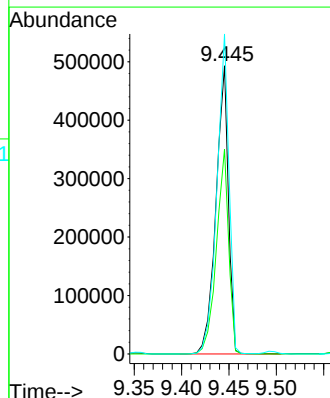
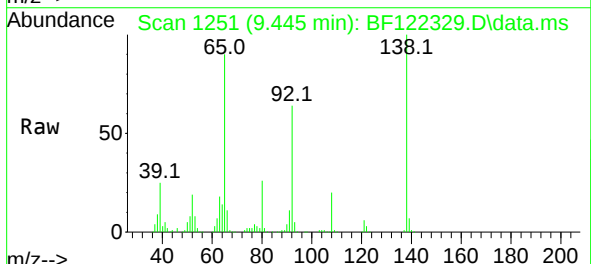
Delta R.T. 0.000 min

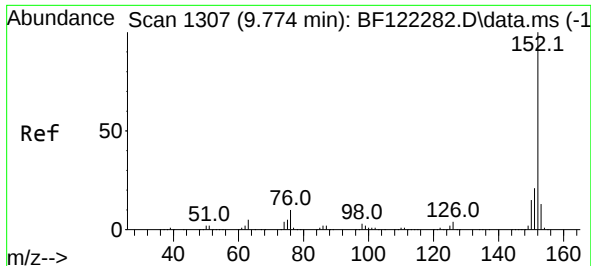
Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

Tgt Ion: 65 Resp: 449800

Ion	Ratio	Lower	Upper
65	100		
92	71.1	55.1	82.7
138	111.0	80.5	120.7





#49

Acenaphthylene

Concen: 46.93 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.005 min

Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

Instrument :

BNA_F

ClientSampleId :

R-LA-33-4-WCMS

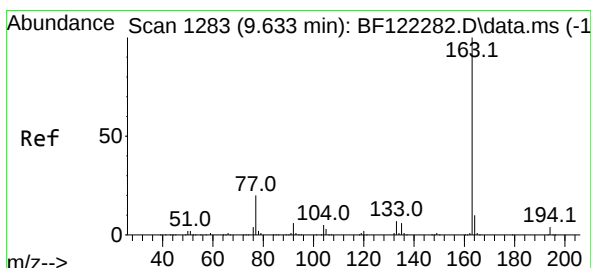
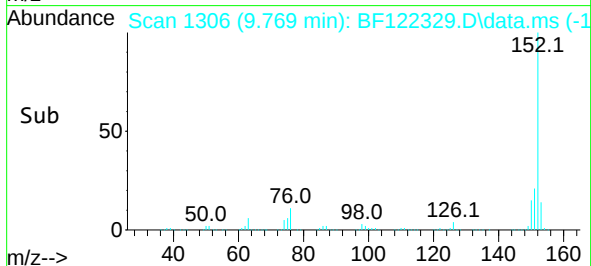
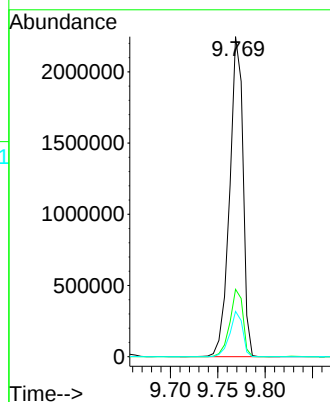
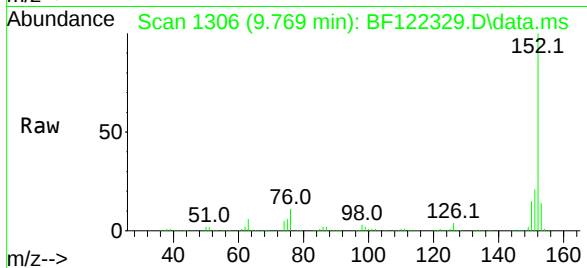
Tgt Ion:152 Resp: 2206575

Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

153 14.1 10.6 15.8



#50

Dimethylphthalate

Concen: 63.59 ng

RT: 9.633 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

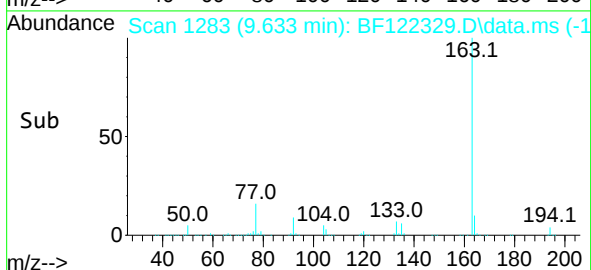
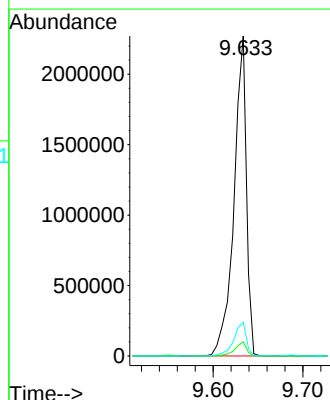
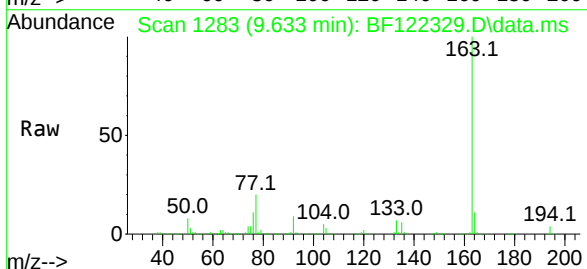
Tgt Ion:163 Resp: 2188827

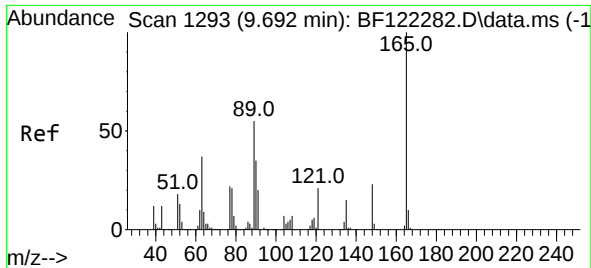
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.5 8.2 12.4

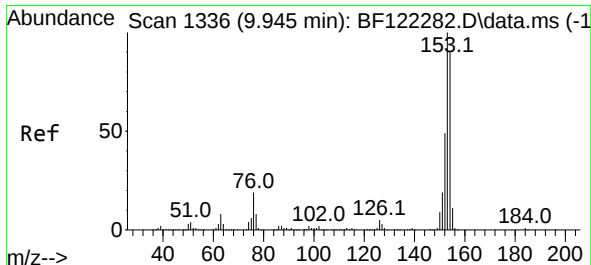
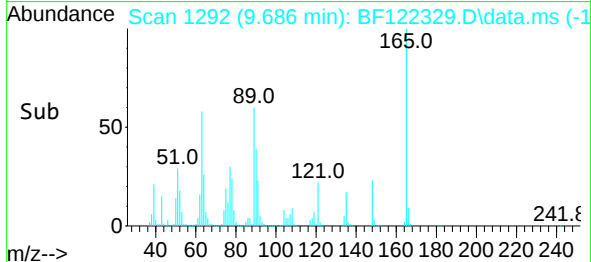
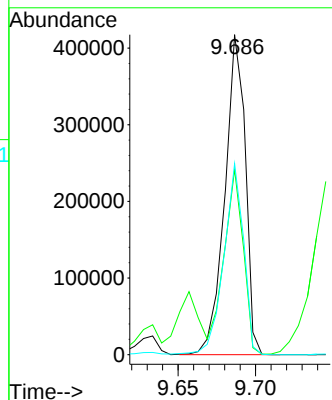
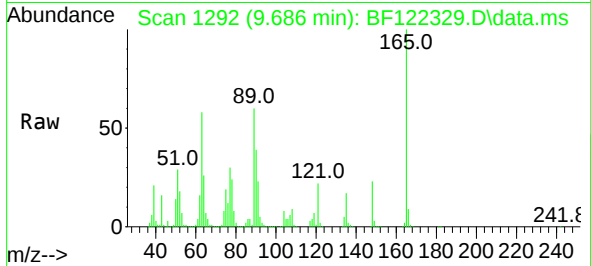




#51
2,6-Dinitrotoluene
Concen: 49.94 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

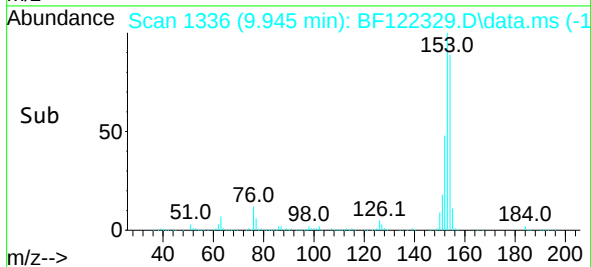
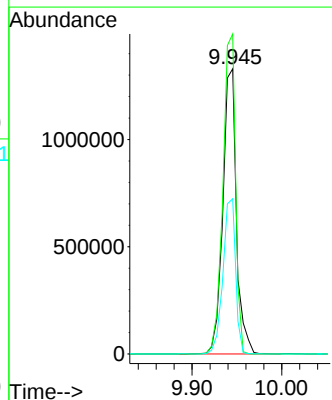
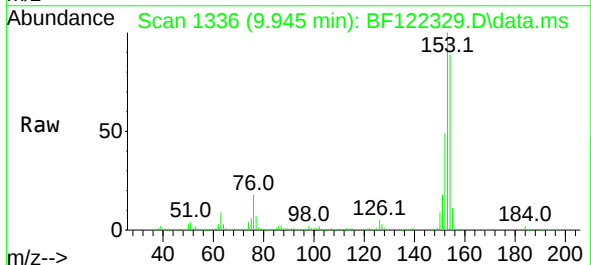
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

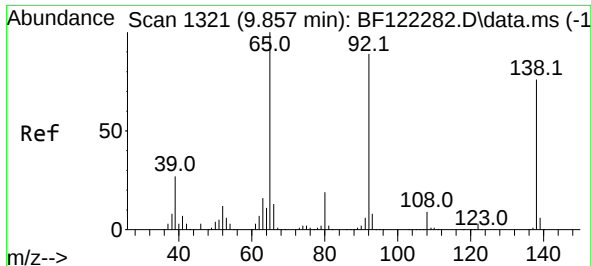
Tgt Ion:165 Resp: 383804
Ion Ratio Lower Upper
165 100
63 57.8 51.8 77.6
89 59.7 49.0 73.6



#52
Acenaphthene
Concen: 48.19 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:154 Resp: 1402459
Ion Ratio Lower Upper
154 100
153 112.2 89.8 134.8
152 54.4 43.2 64.8

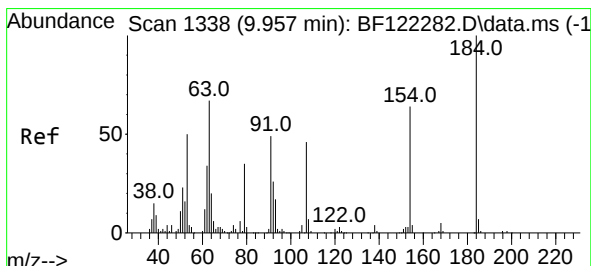
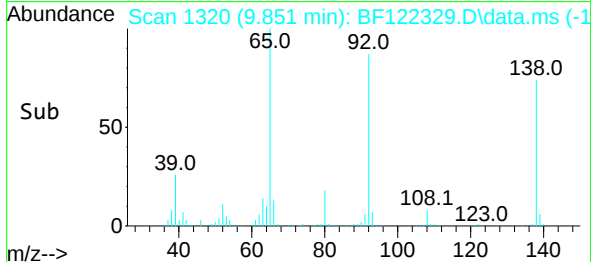
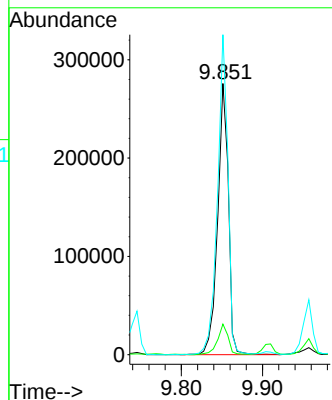
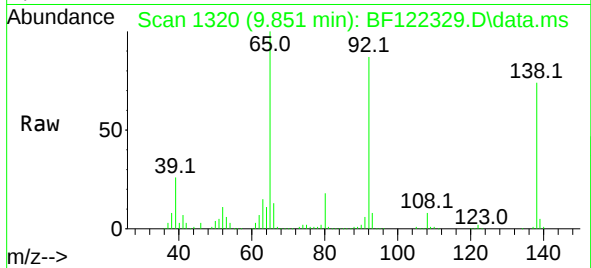




#53
3-Nitroaniline
Concen: 30.42 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

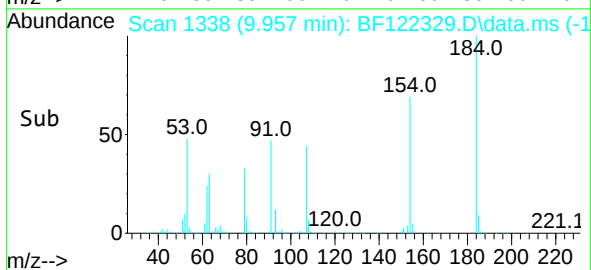
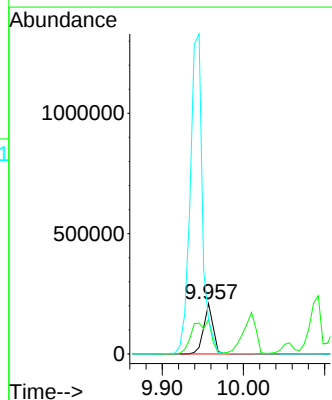
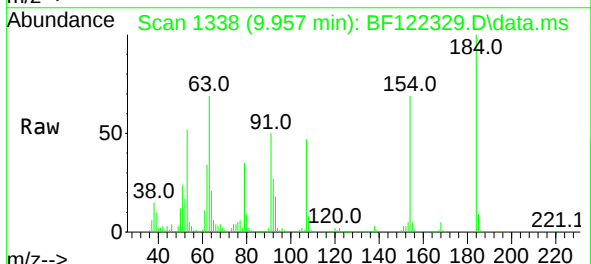
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

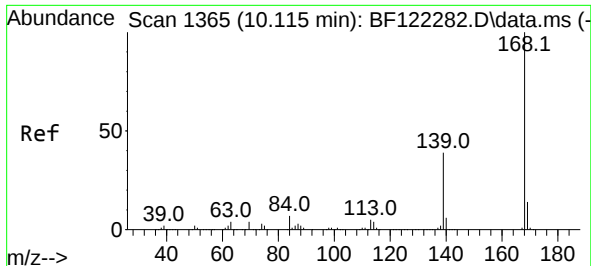
Tgt Ion:138 Resp: 253123
Ion Ratio Lower Upper
138 100
108 11.3 8.6 13.0
92 118.0 96.6 144.8



#54
2,4-Dinitrophenol
Concen: 62.93 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:184 Resp: 171481
Ion Ratio Lower Upper
184 100
63 69.0 45.9 68.9#
154 68.8 45.8 68.6#

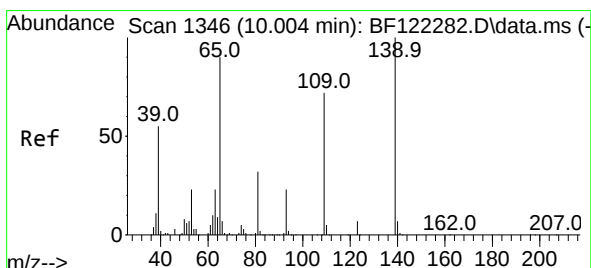
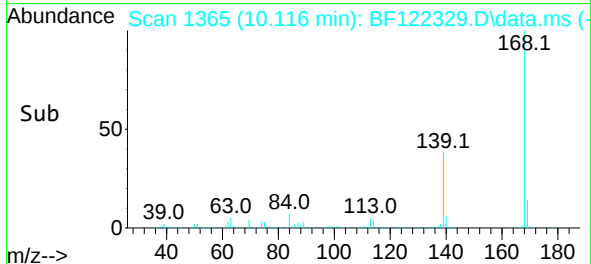
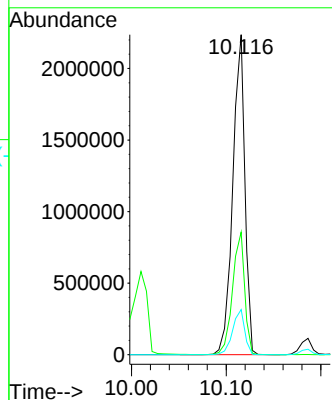
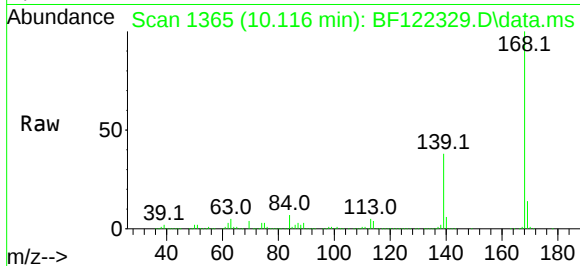




#55
Dibenzenofuran
Concen: 46.66 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.001 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

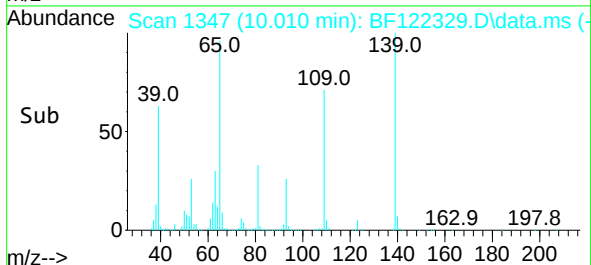
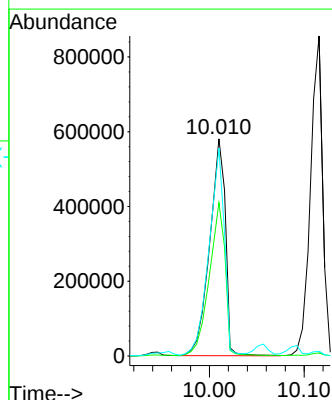
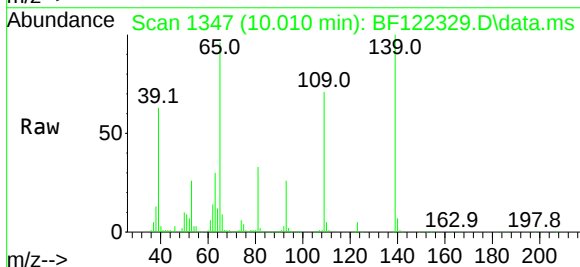
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

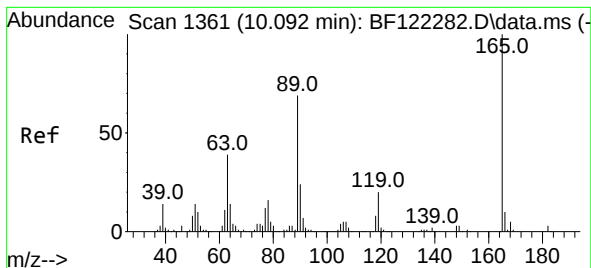
Tgt Ion:168 Resp: 1989435
Ion Ratio Lower Upper
168 100
139 38.3 31.0 46.6
169 14.1 11.3 16.9



#56
4-Nitrophenol
Concen: 88.47 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:139 Resp: 668766
Ion Ratio Lower Upper
139 100
109 70.6 45.4 85.4
65 95.7 68.4 108.4

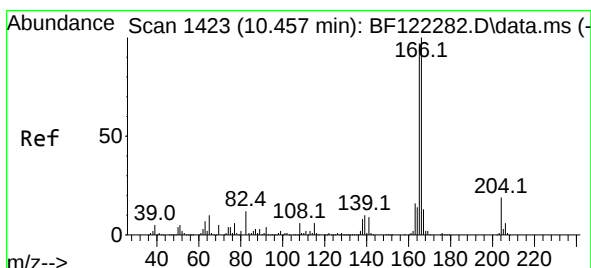
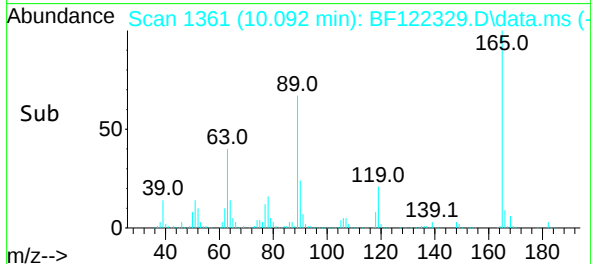
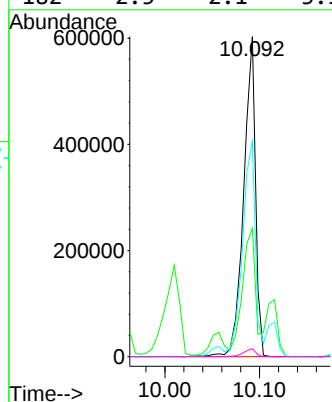
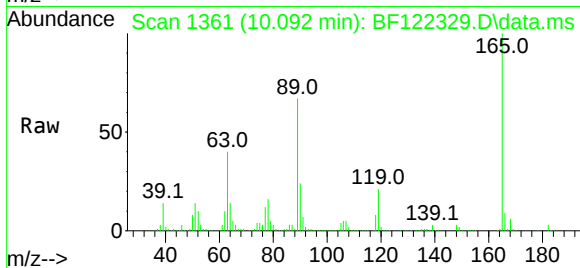




#57
2,4-Dinitrotoluene
Concen: 53.55 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

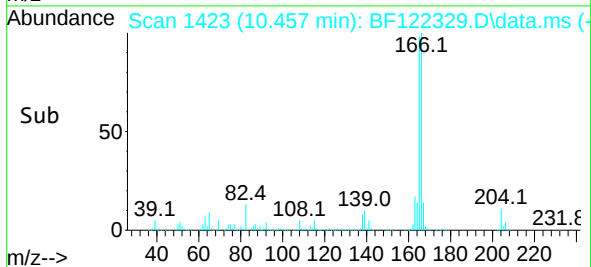
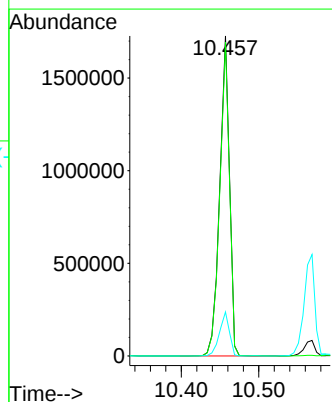
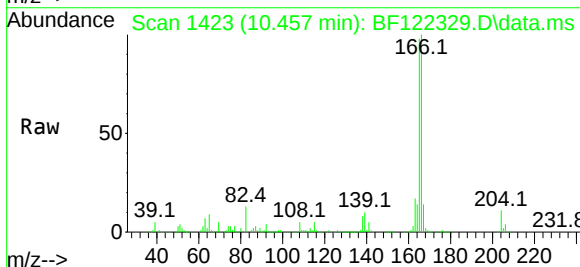
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

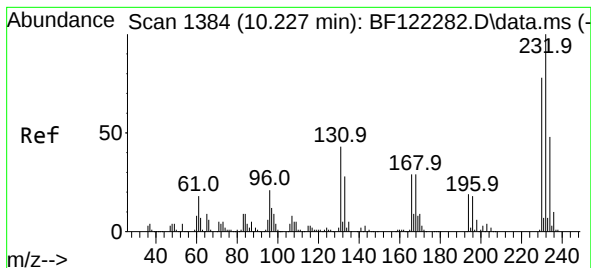
Tgt Ion:165 Resp: 522754
Ion Ratio Lower Upper
165 100
63 40.1 41.3 61.9#
89 67.2 61.8 92.8
182 2.5 2.1 3.1



#58
Fluorene
Concen: 46.42 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

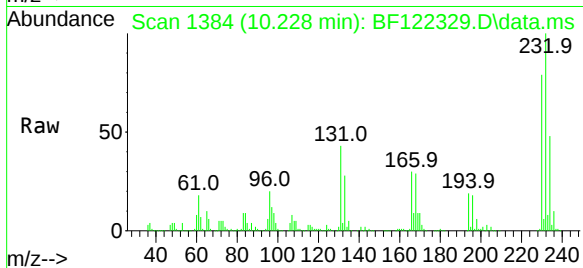
Tgt Ion:166 Resp: 1515664
Ion Ratio Lower Upper
166 100
165 98.0 79.1 118.7
167 13.8 11.0 16.6



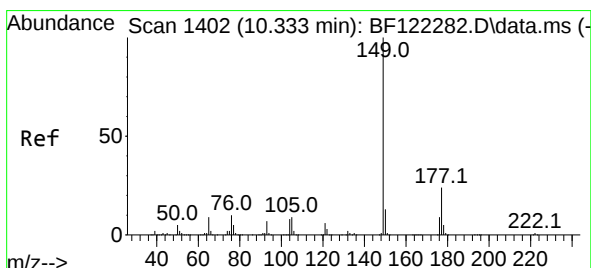
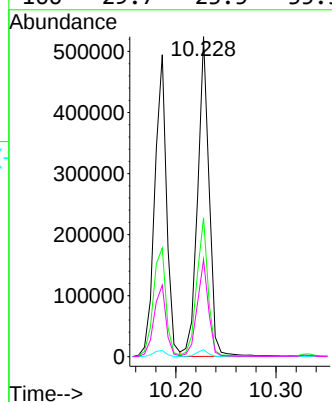
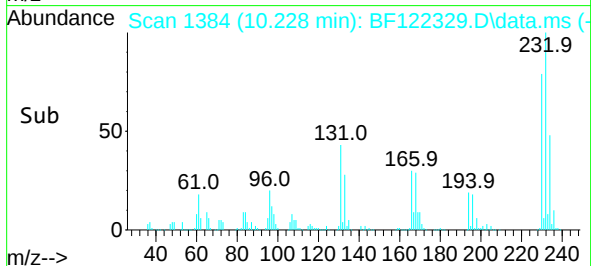


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.34 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

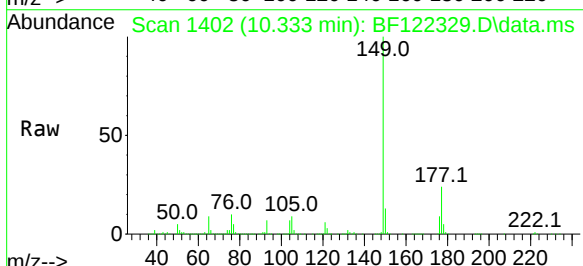
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS



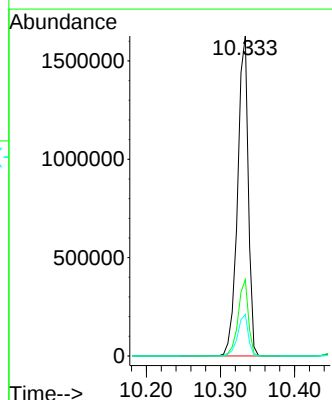
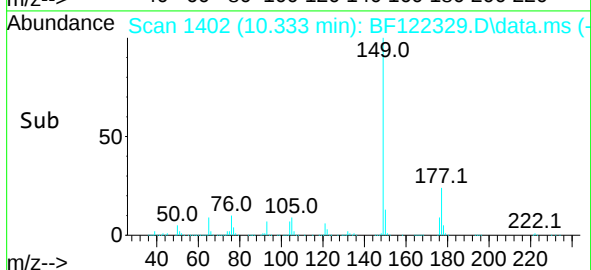
Tgt Ion:232 Resp: 416854
Ion Ratio Lower Upper
232 100
131 43.7 35.9 53.9
130 2.2 1.8 2.6
166 29.7 23.5 35.3

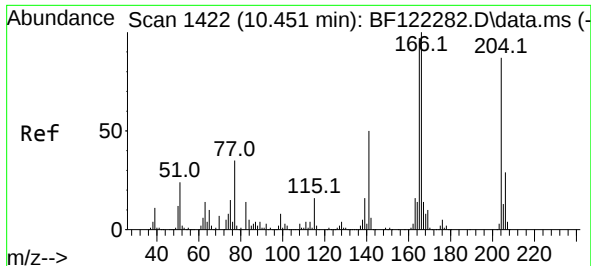


#60
Diethylphthalate
Concen: 48.29 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06



Tgt Ion:149 Resp: 1630384
Ion Ratio Lower Upper
149 100
177 23.8 18.1 27.1
150 13.0 10.3 15.5

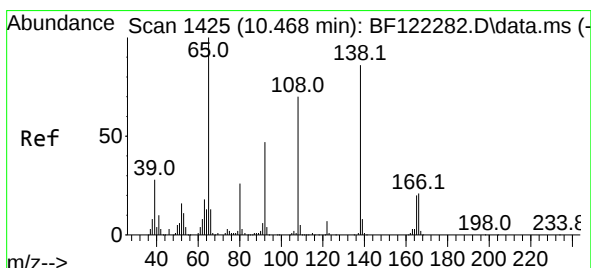
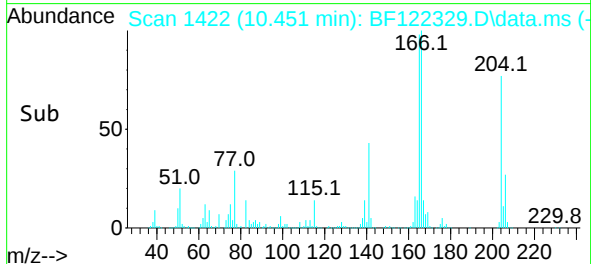
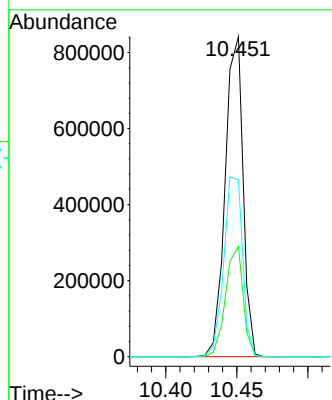
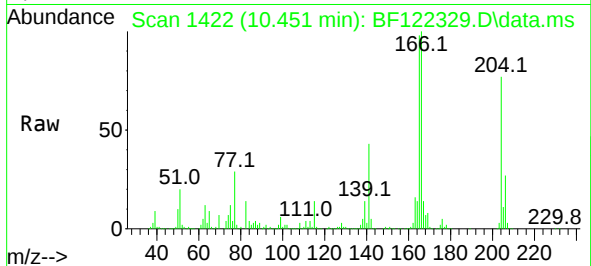




#61
4-Chlorophenyl-phenylether
Concen: 47.73 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

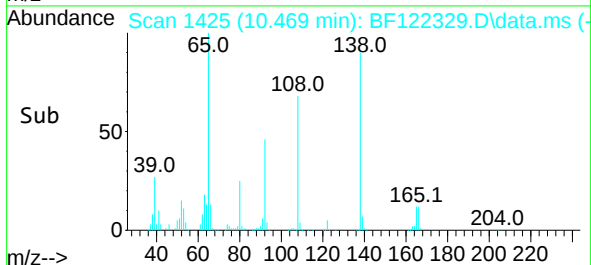
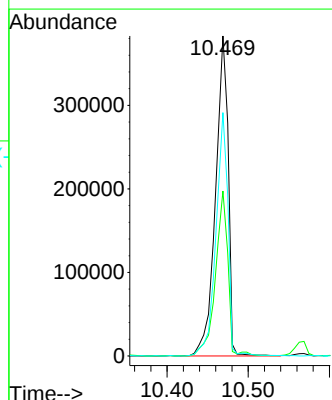
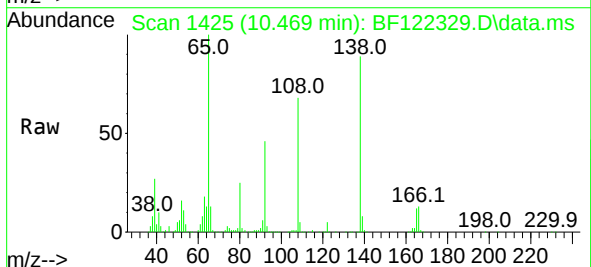
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

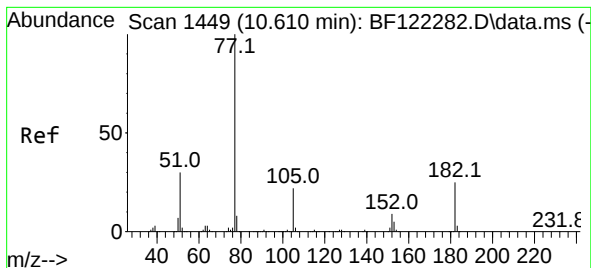
Tgt Ion:204 Resp: 735678
Ion Ratio Lower Upper
204 100
206 34.5 26.0 39.0
141 55.3 46.2 69.4



#62
4-Nitroaniline
Concen: 48.61 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.001 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:138 Resp: 415309
Ion Ratio Lower Upper
138 100
92 51.6 31.0 71.0
108 76.0 51.5 91.5





#63

Azobenzene

Concen: 46.58 ng

RT: 10.610 min Scan# 1449

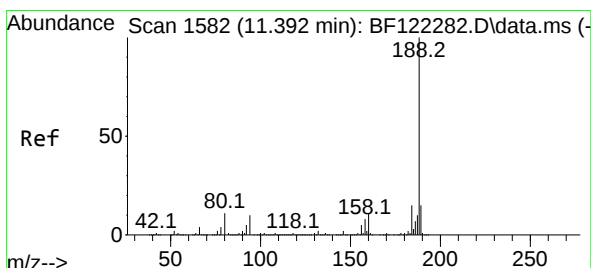
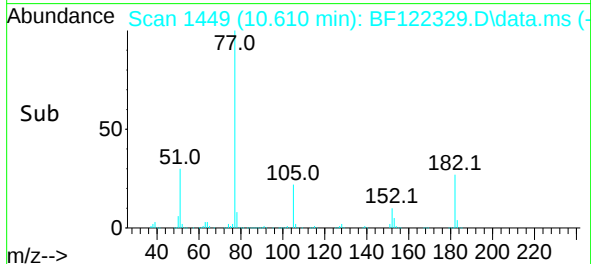
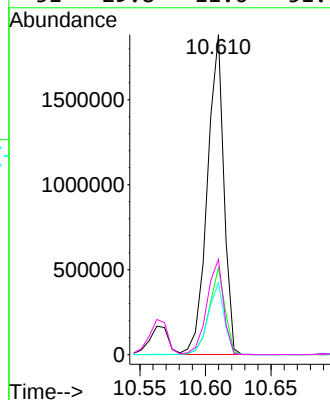
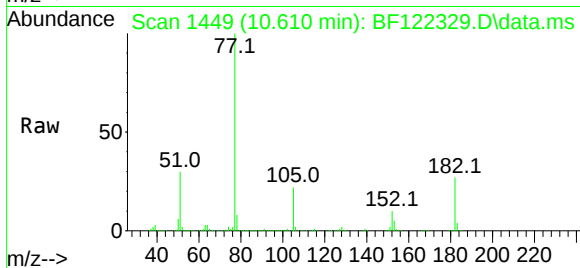
Delta R.T. 0.000 min

Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

Tgt Ion: 77 Resp: 1649868

Ion	Ratio	Lower	Upper
77	100		
182	27.2	3.4	43.4
105	22.4	1.7	41.7
51	29.8	11.6	51.6



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.392 min Scan# 1582

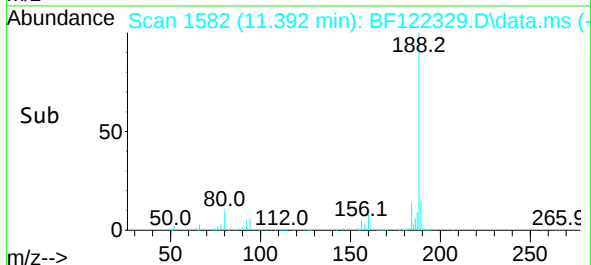
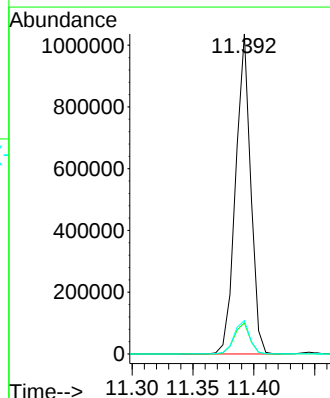
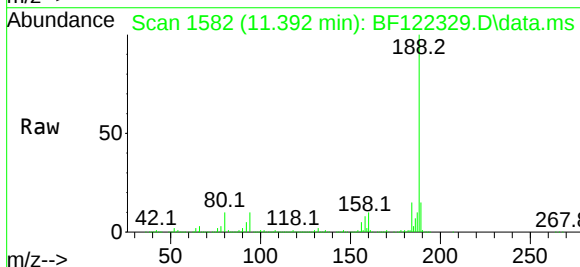
Delta R.T. 0.000 min

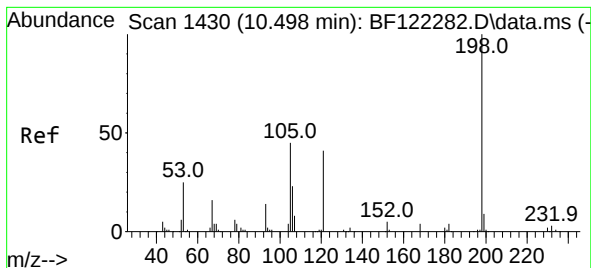
Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

Tgt Ion: 188 Resp: 887616

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.3	12.5
80	10.5	9.1	13.7

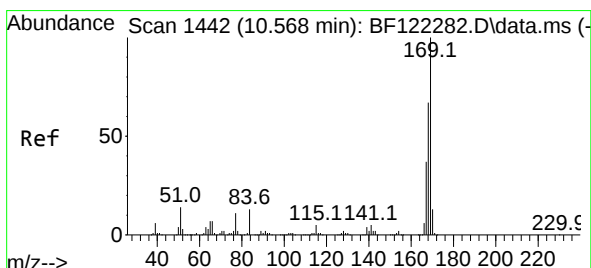
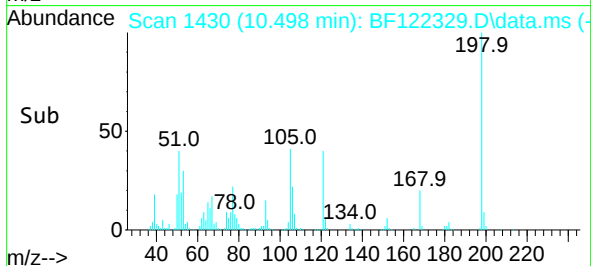
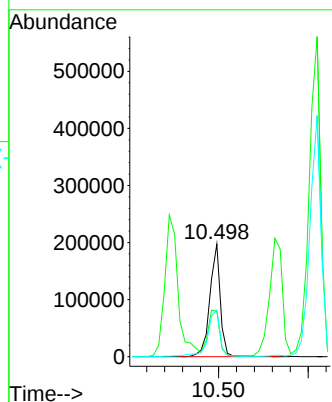
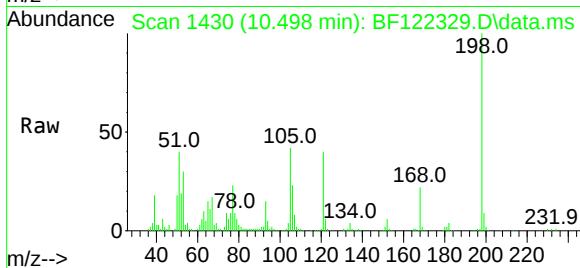




#65
4,6-Dinitro-2-methylphenol
Concen: 44.00 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

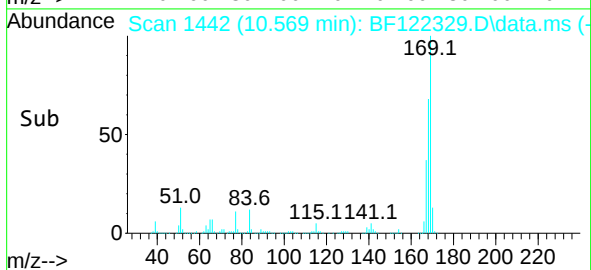
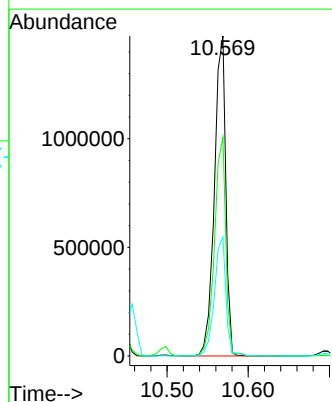
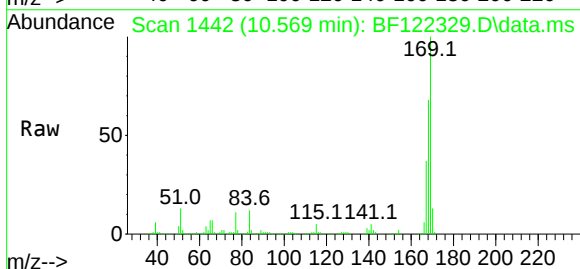
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

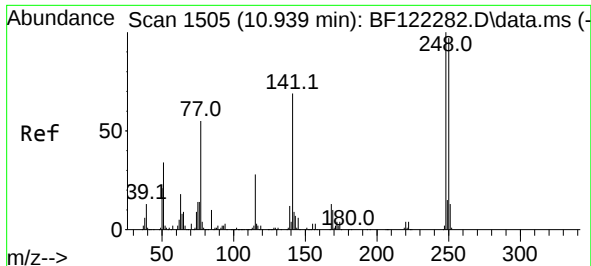
Tgt Ion:198 Resp: 159673
Ion Ratio Lower Upper
198 100
51 40.4 29.6 69.6
105 41.6 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 47.13 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:169 Resp: 1425219
Ion Ratio Lower Upper
169 100
168 68.3 50.0 75.0
167 37.2 27.8 41.6

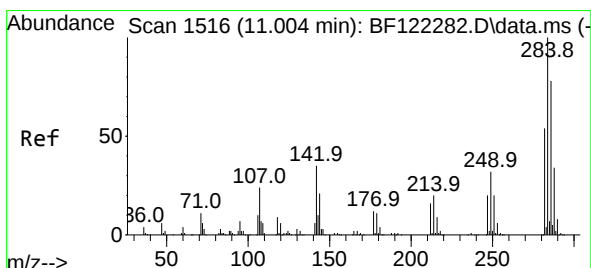
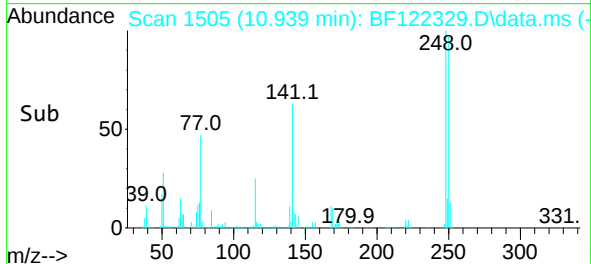
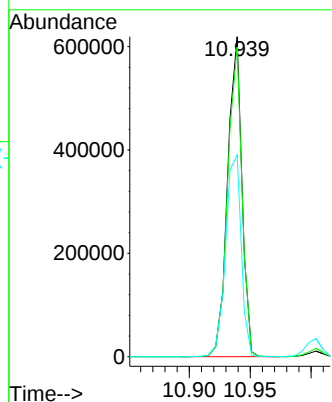
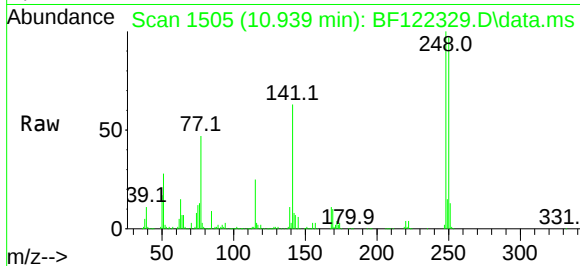




#67
4-Bromophenyl-phenylether
Concen: 48.54 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

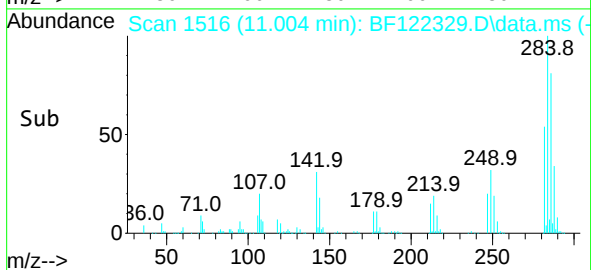
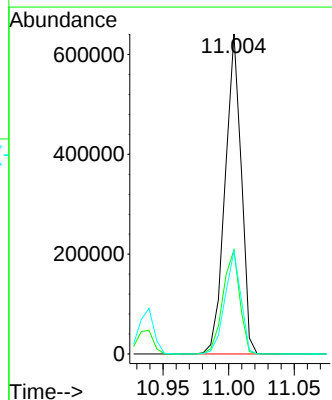
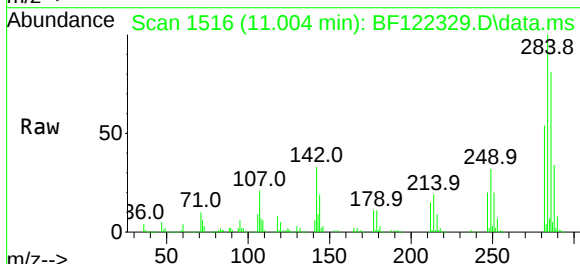
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

Tgt Ion:248 Resp: 506298
Ion Ratio Lower Upper
248 100
250 96.8 77.0 115.6
141 63.1 53.7 80.5



#68
Hexachlorobenzene
Concen: 48.52 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:284 Resp: 546773
Ion Ratio Lower Upper
284 100
142 32.6 27.4 41.2
249 32.2 24.2 36.4





#69

Atrazine

Concen: 52.61 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

Tgt Ion:200 Resp: 396220

Ion Ratio Lower Upper

200 100

173 26.5 7.5 47.5

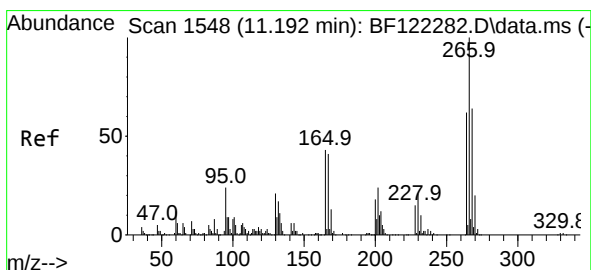
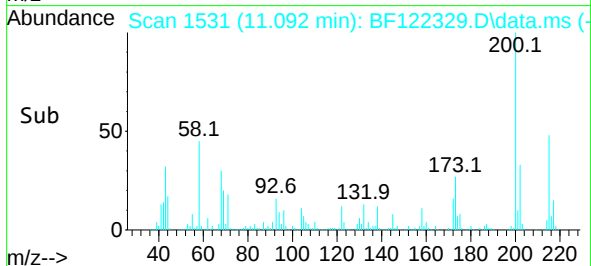
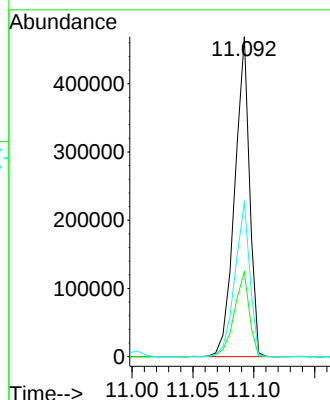
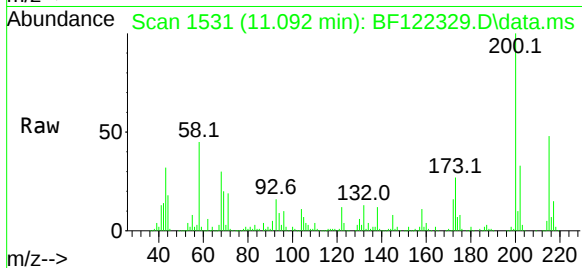
215 48.1 27.1 67.1

Instrument :

BNA_F

ClientSampleId :

R-LA-33-4-WCMS



#70

Pentachlorophenol

Concen: 81.85 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

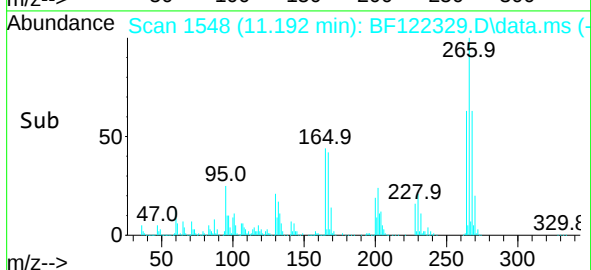
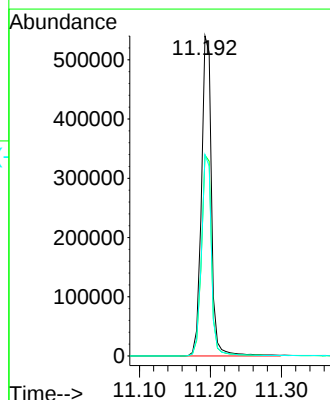
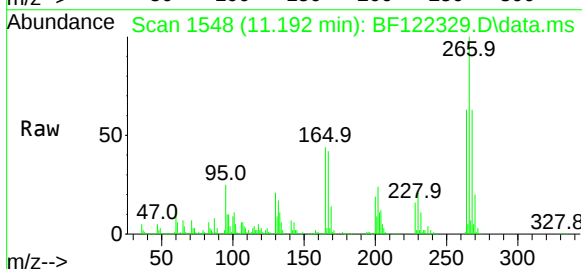
Tgt Ion:266 Resp: 531419

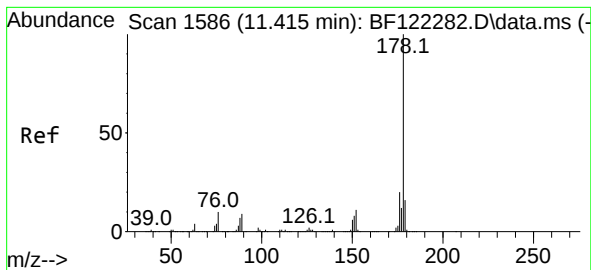
Ion Ratio Lower Upper

266 100

268 62.8 52.4 78.6

264 62.9 49.9 74.9

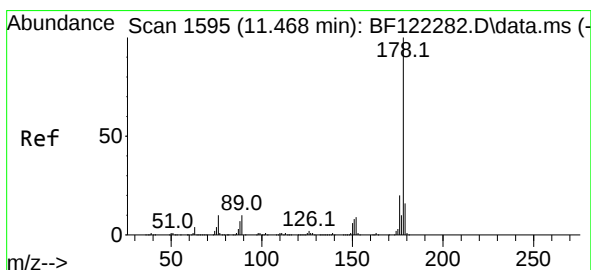
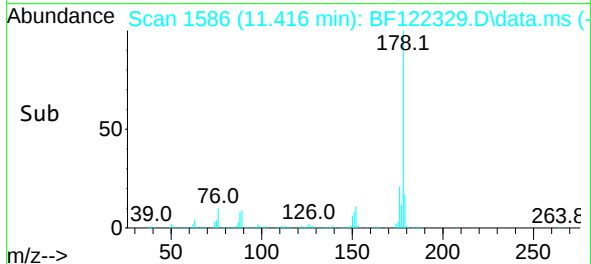
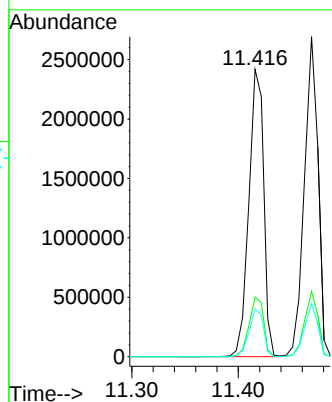
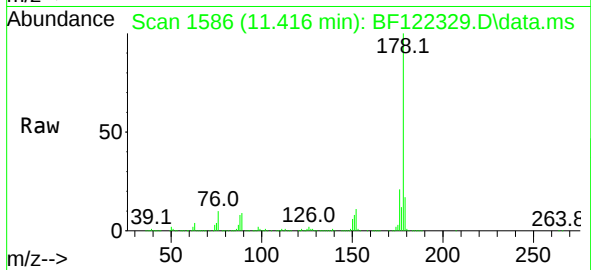




#71
Phenanthrene
Concen: 46.48 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

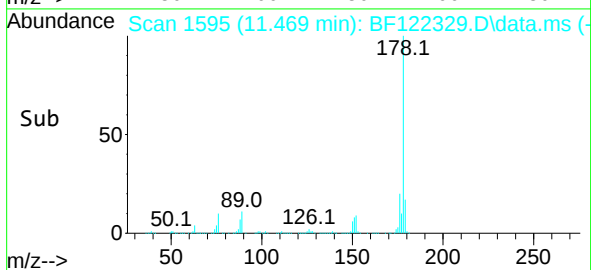
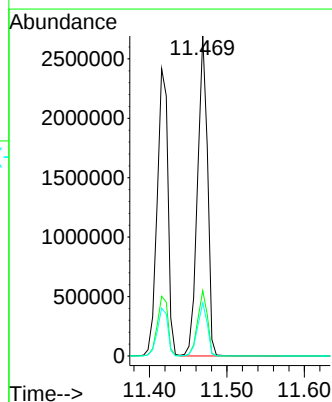
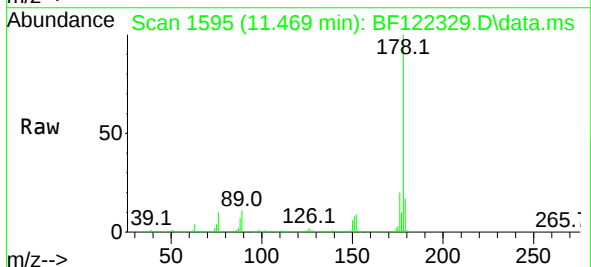
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

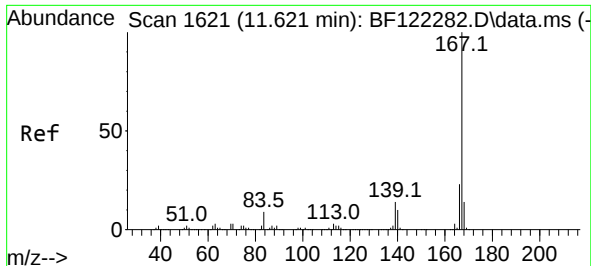
Tgt Ion:178 Resp: 2340822
Ion Ratio Lower Upper
178 100
176 20.8 15.9 23.9
179 16.6 12.2 18.4



#72
Anthracene
Concen: 46.38 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:178 Resp: 2407093
Ion Ratio Lower Upper
178 100
176 20.4 15.7 23.5
179 16.6 12.7 19.1



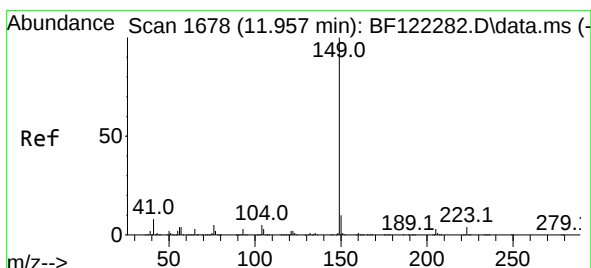
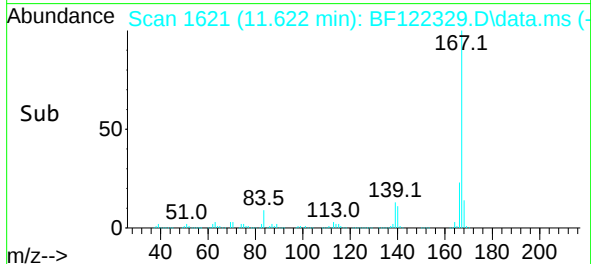
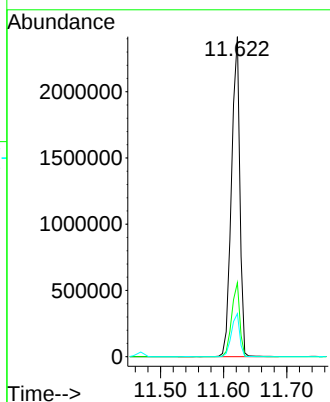
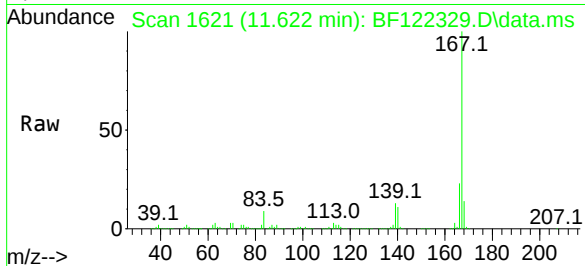


#73
 Carbazole
 Concen: 46.70 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF122329.D
 Acq: 13 Nov 2020 15:06

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-33-4-WCMS

Tgt Ion:167 Resp: 2205023

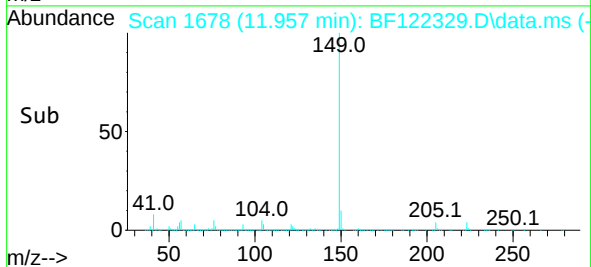
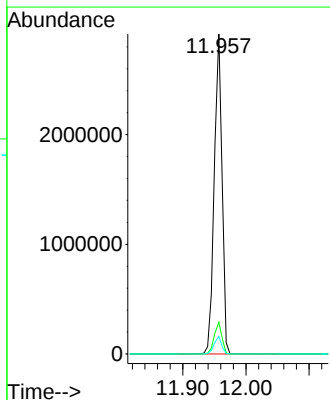
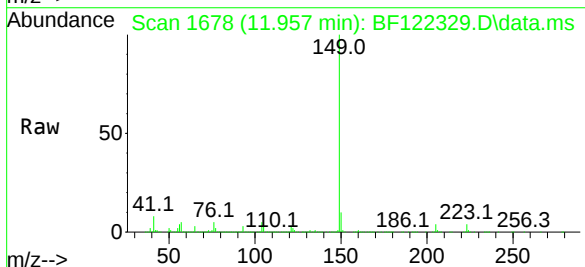
Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.8	26.6
139	13.5	10.8	16.2

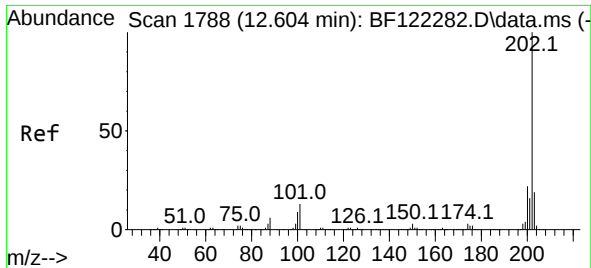


#74
 Di-n-butylphthalate
 Concen: 49.29 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. -0.000 min
 Lab File: BF122329.D
 Acq: 13 Nov 2020 15:06

Tgt Ion:149 Resp: 2480955

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.5	4.2	6.2

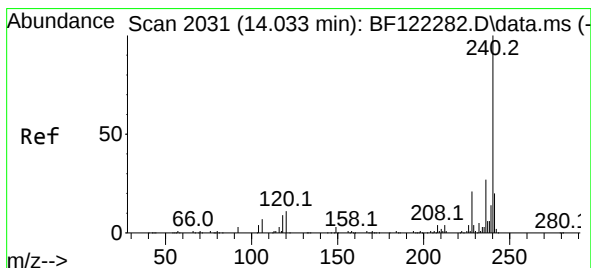
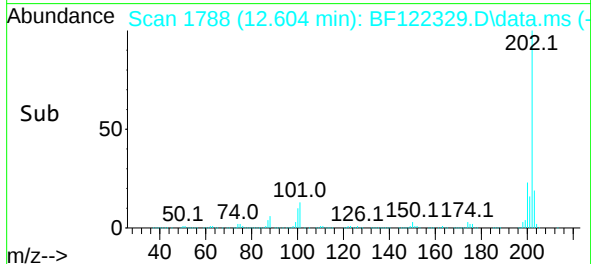
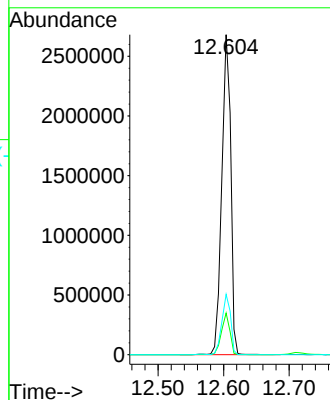
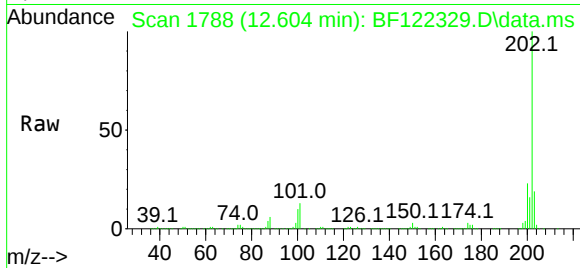




#75
Fluoranthene
Concen: 47.96 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

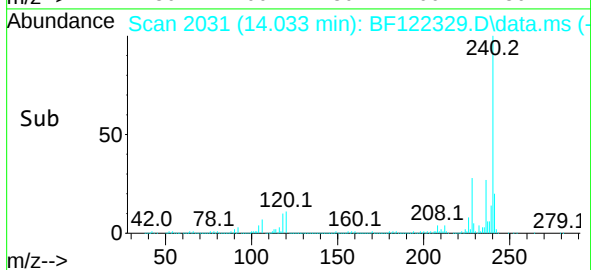
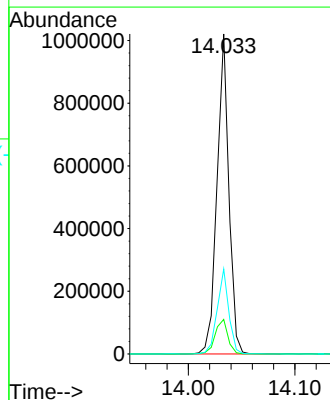
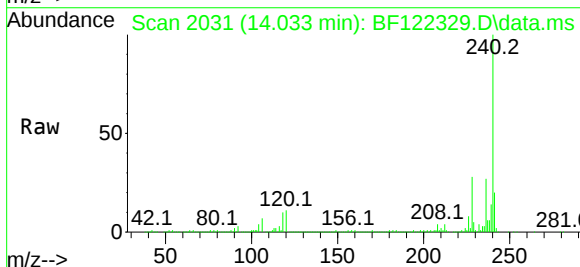
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

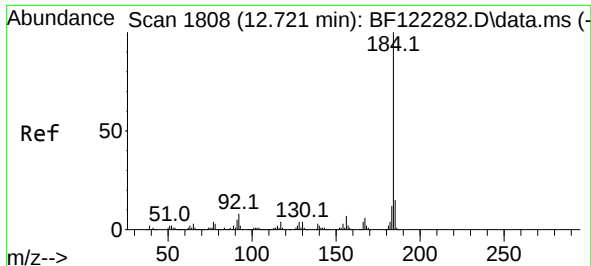
Tgt Ion:202 Resp: 2521402
Ion Ratio Lower Upper
202 100
101 13.0 0.0 33.4
203 18.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:240 Resp: 789287
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 26.6 20.9 31.3

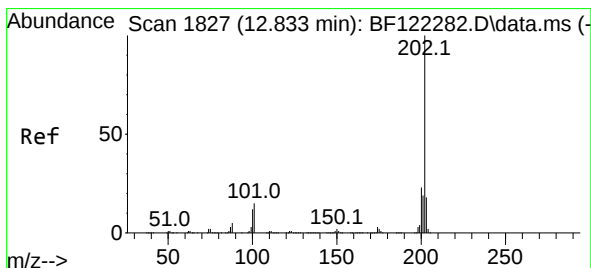
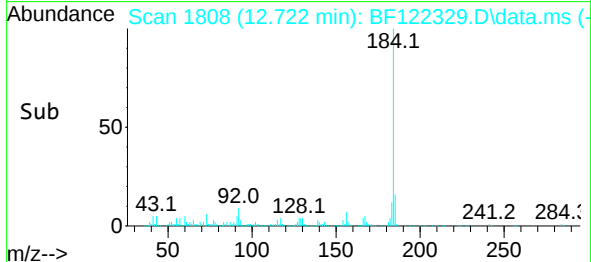
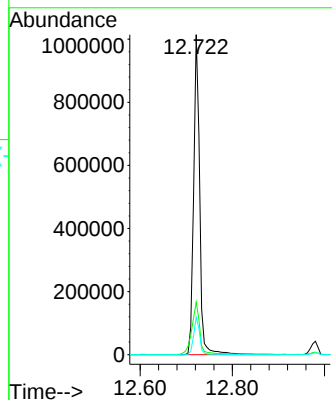
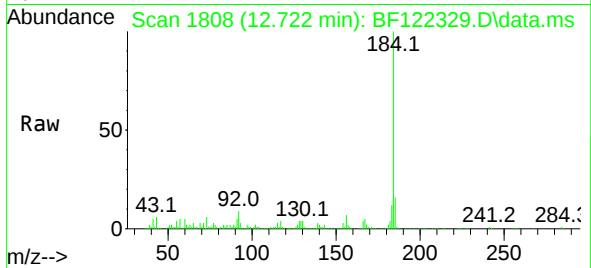




#77
Benzidine
Concen: 41.93 ng
RT: 12.722 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

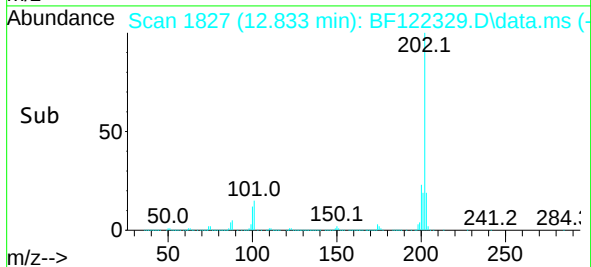
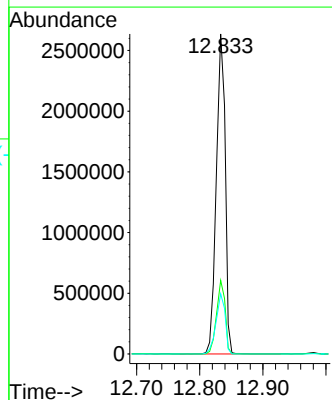
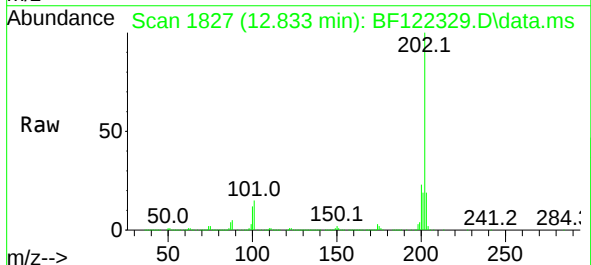
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

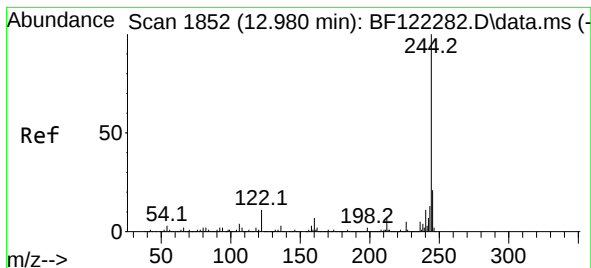
Tgt Ion:184 Resp: 917904
Ion Ratio Lower Upper
184 100
185 16.4 11.6 17.4
183 11.6 9.4 14.0



#78
Pyrene
Concen: 46.45 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:202 Resp: 2575617
Ion Ratio Lower Upper
202 100
200 23.0 17.4 26.2
203 18.8 14.6 21.8





#79

Terphenyl-d14

Concen: 83.32 ng

RT: 12.980 min Scan# 1852

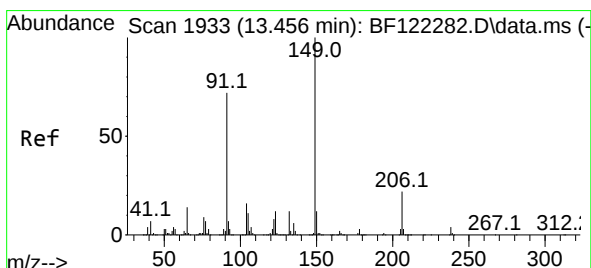
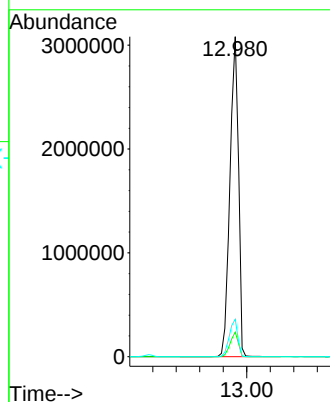
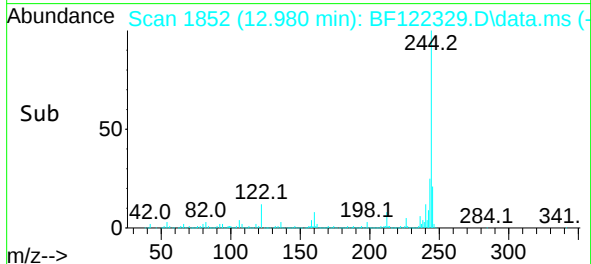
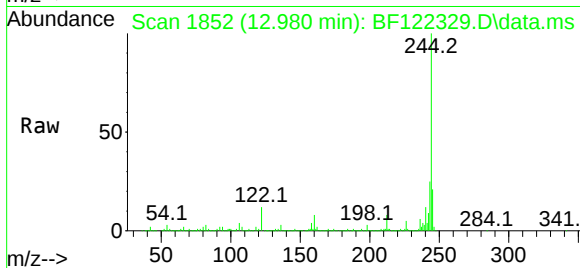
Delta R.T. 0.000 min

Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

Tgt Ion:244 Resp: 3104293

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.2
122	11.7	8.1	12.1



#80

Butylbenzylphthalate

Concen: 49.11 ng

RT: 13.457 min Scan# 1933

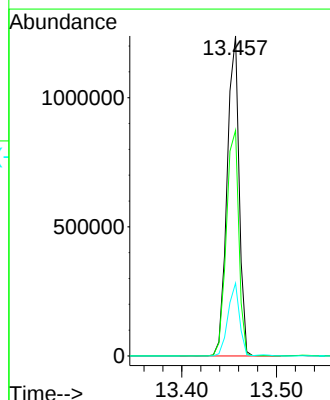
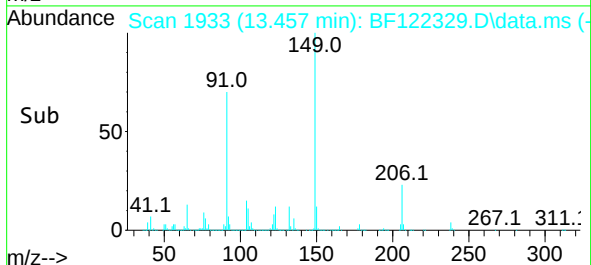
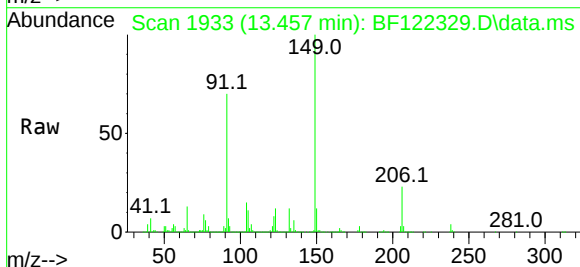
Delta R.T. 0.001 min

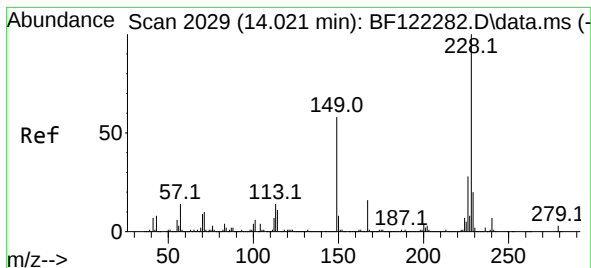
Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

Tgt Ion:149 Resp: 1093882

Ion	Ratio	Lower	Upper
149	100		
91	70.5	61.0	91.4
206	22.8	16.7	25.1

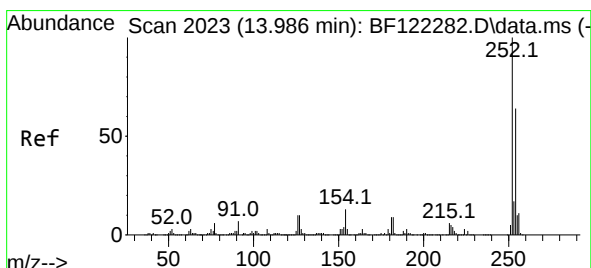
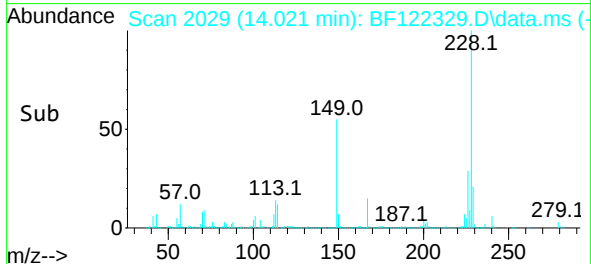
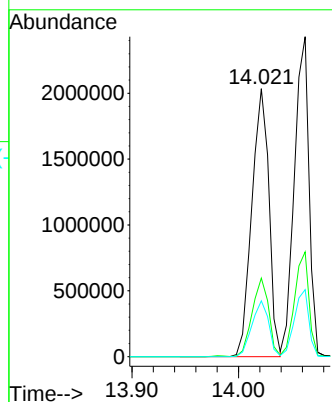
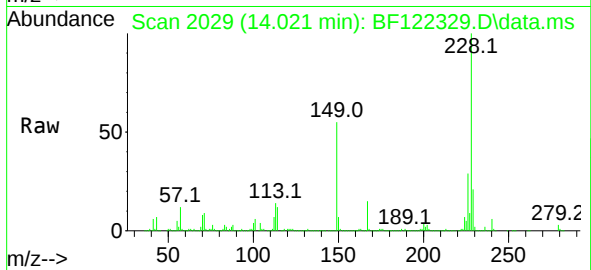




#81
Benzo(a)anthracene
Concen: 46.15 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

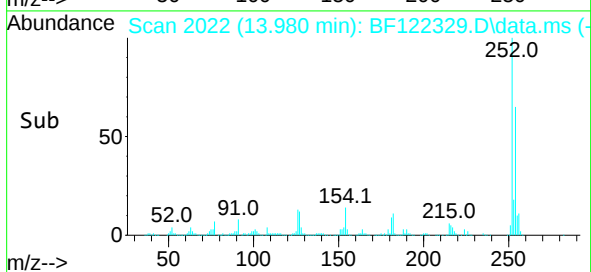
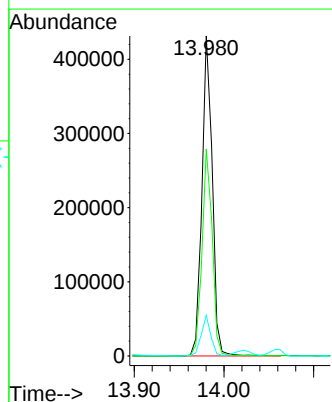
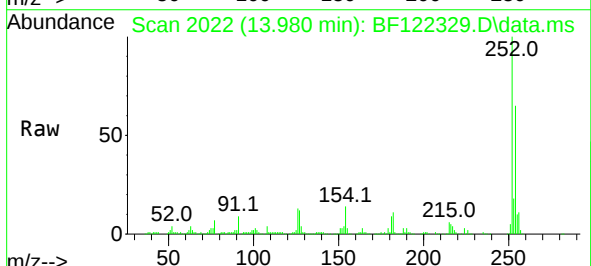
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

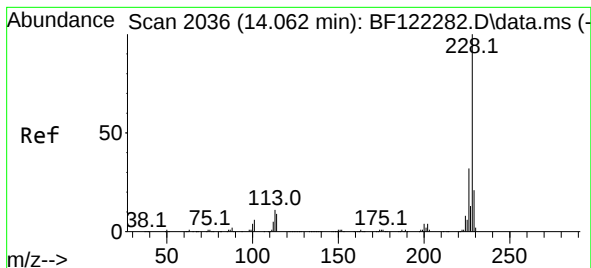
Tgt Ion:228 Resp: 2265580
Ion Ratio Lower Upper
228 100
226 29.3 22.3 33.5
229 20.8 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 18.86 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:252 Resp: 345065
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 12.7 8.8 13.2





#83

Chrysene

Concen: 47.00 ng

RT: 14.063 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

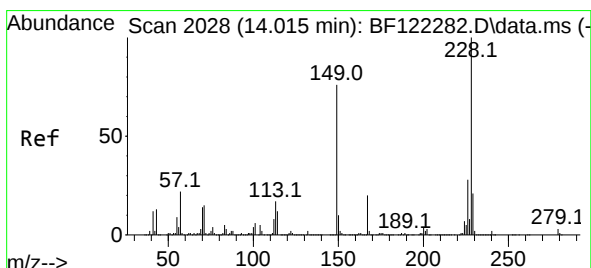
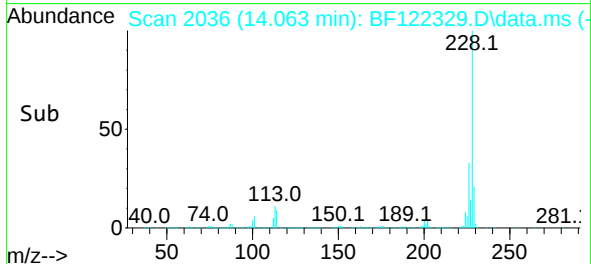
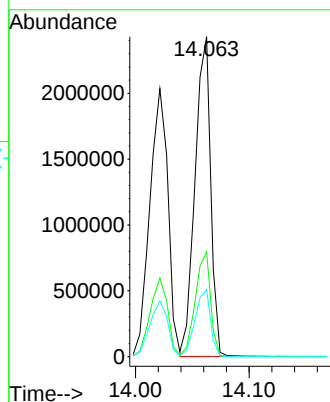
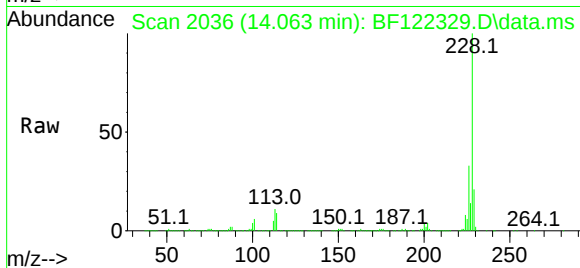
Tgt Ion:228 Resp: 2323518

Ion Ratio Lower Upper

228 100

226 32.7 24.6 37.0

229 21.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.12 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

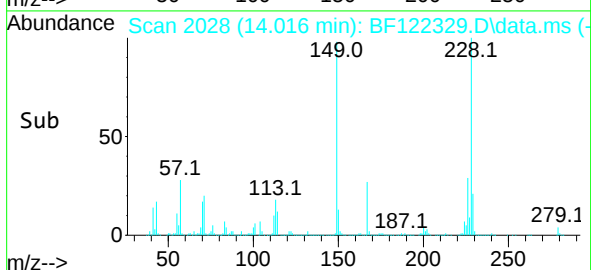
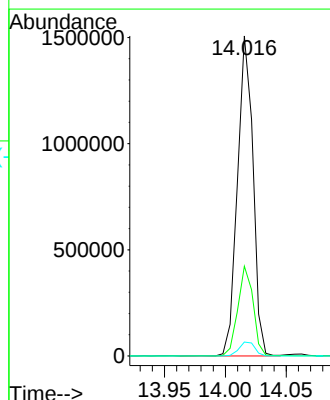
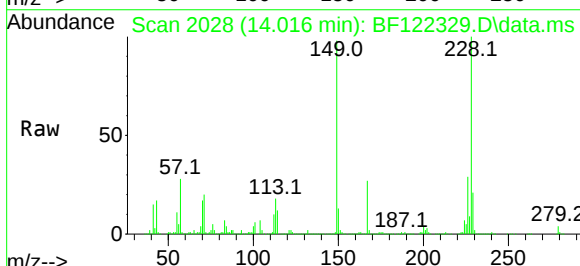
Tgt Ion:149 Resp: 1339970

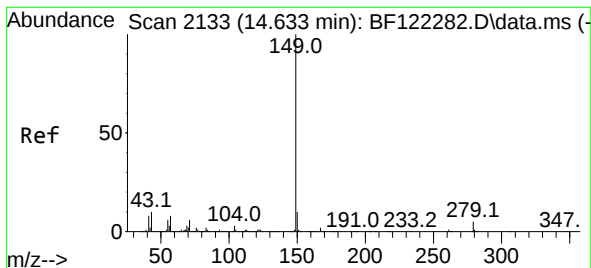
Ion Ratio Lower Upper

149 100

167 28.0 20.9 31.3

279 4.4 3.2 4.8

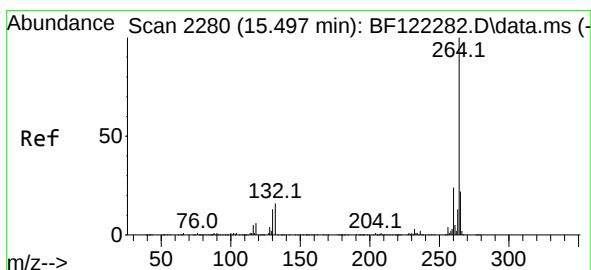
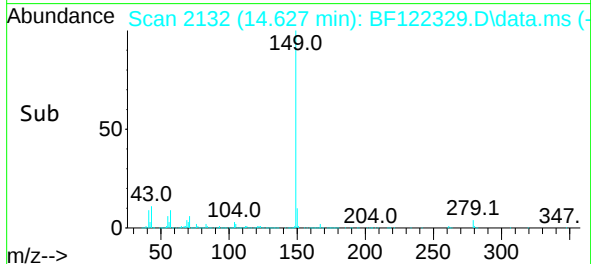
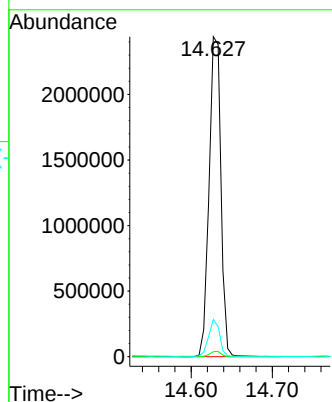
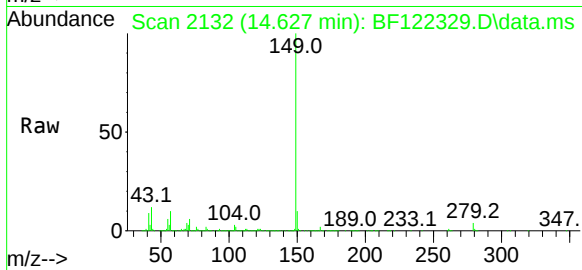




#85
Di-n-octyl phthalate
Concen: 54.29 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

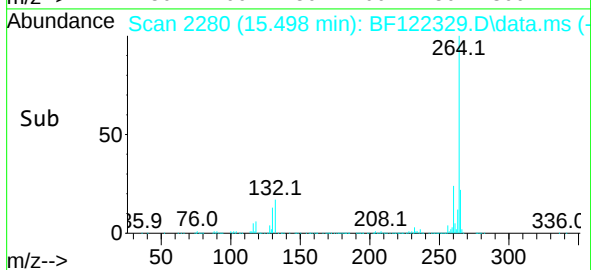
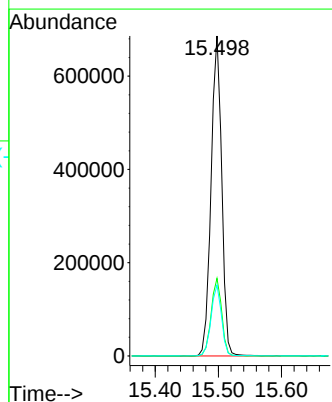
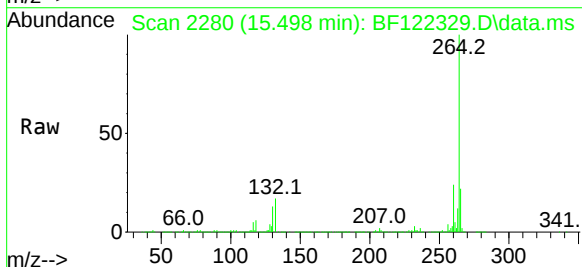
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

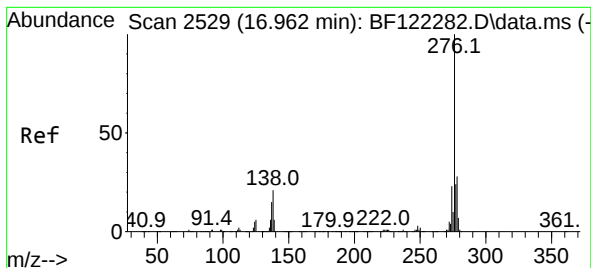
Tgt Ion:149 Resp: 2459825
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.7 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:264 Resp: 804810
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 22.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.29 ng

RT: 16.974 min Scan# 2531

Delta R.T. 0.012 min

Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

Tgt Ion:276 Resp: 2573520

Ion Ratio Lower Upper

276 100

138 24.4 19.9 29.9

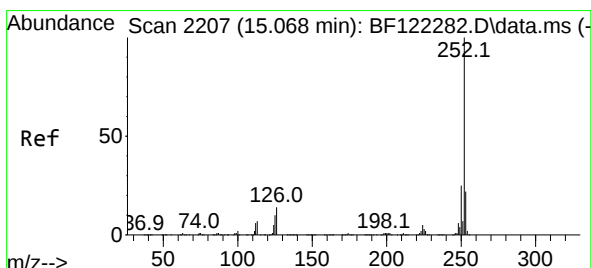
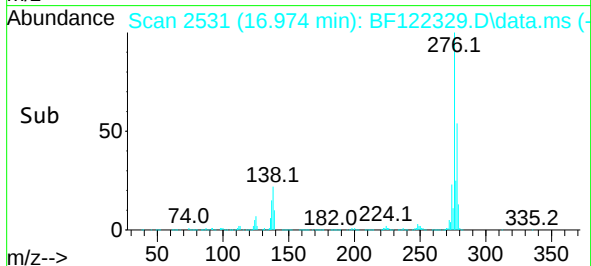
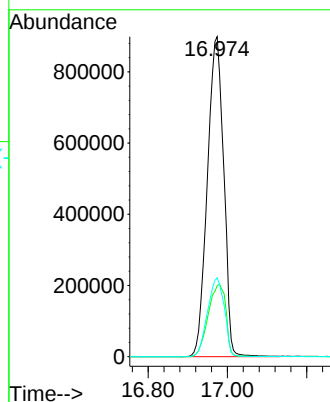
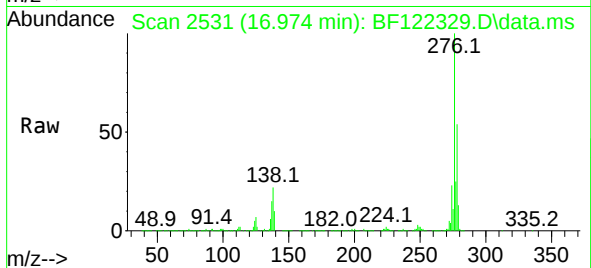
277 25.4 20.4 30.6

Instrument :

BNA_F

ClientSampleId :

R-LA-33-4-WCMS



#88

Benzo(b)fluoranthene

Concen: 46.92 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

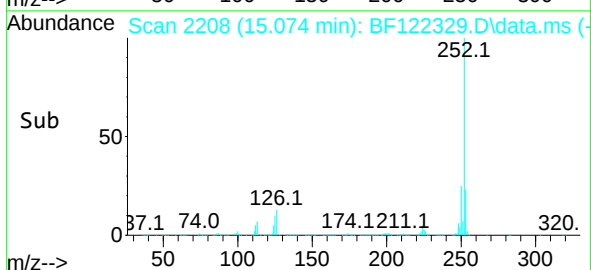
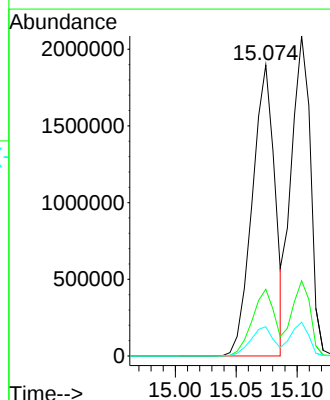
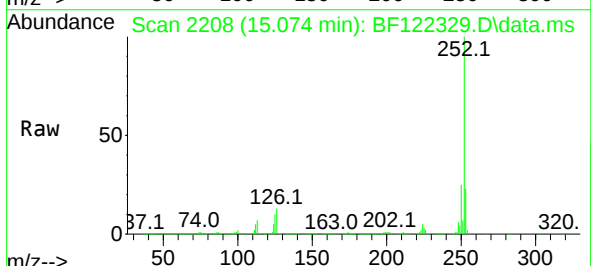
Tgt Ion:252 Resp: 2445551

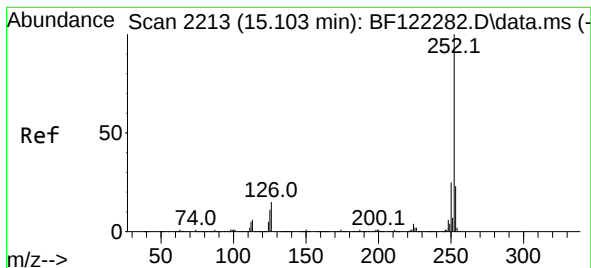
Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

125 10.1 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 45.25 ng

RT: 15.104 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

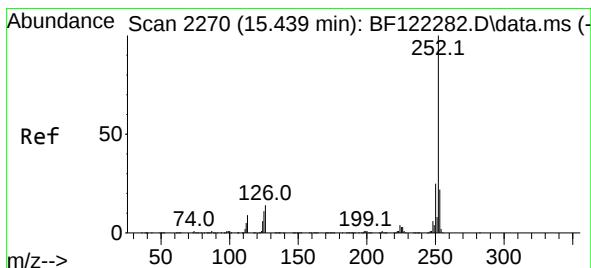
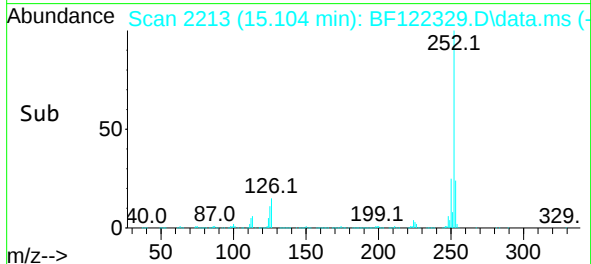
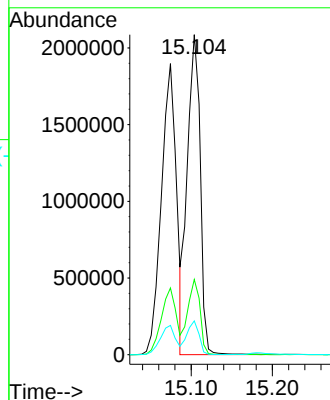
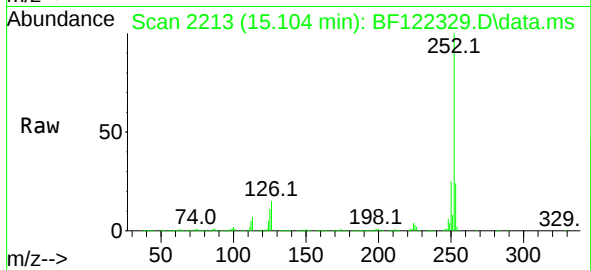
Tgt Ion:252 Resp: 2299702

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.6

125 10.5 7.7 11.5



#90

Benzo(a)pyrene

Concen: 47.56 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF122329.D

Acq: 13 Nov 2020 15:06

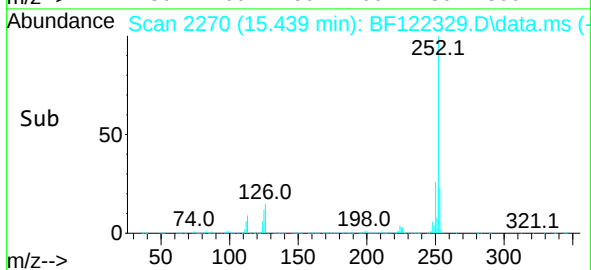
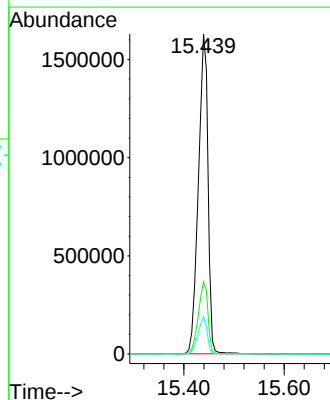
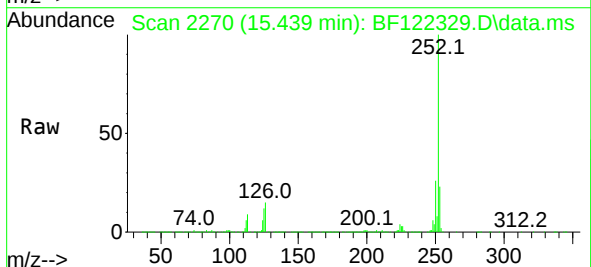
Tgt Ion:252 Resp: 2161096

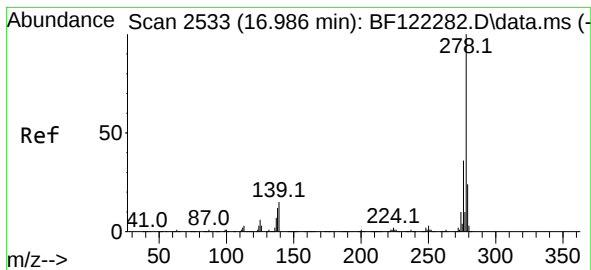
Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 11.7 8.6 13.0

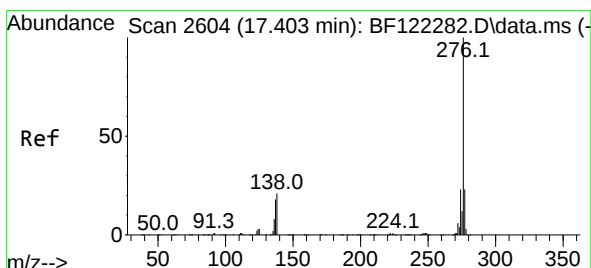
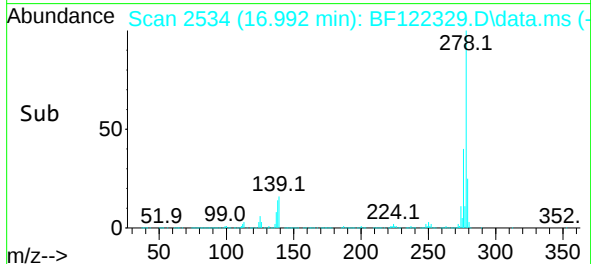
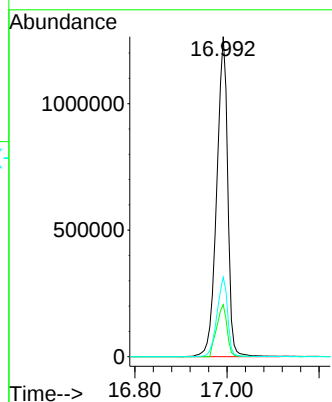
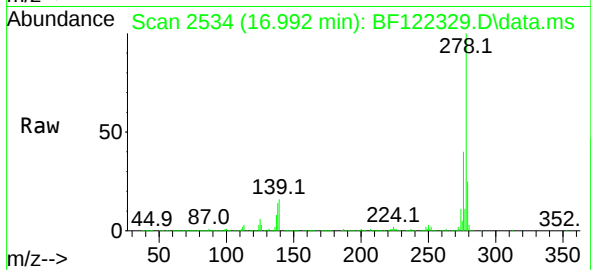




#91
Dibenzo(a,h)anthracene
Concen: 51.83 ng
RT: 16.992 min Scan# 2534
Delta R.T. 0.006 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMS

Tgt Ion:278 Resp: 2096481
Ion Ratio Lower Upper
278 100
139 16.3 13.0 19.4
279 24.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 54.94 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.012 min
Lab File: BF122329.D
Acq: 13 Nov 2020 15:06

Tgt Ion:276 Resp: 2160944
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.2
138 21.2 17.8 26.6

