

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
 Data File : BF122242.D
 Acq On : 3 Nov 2020 16:01
 Operator : JU/CG
 Sample : L4609-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12016MSD

Quant Time: Nov 04 01:03:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	81979	20.00	ng	-0.01
21) Naphthalene-d8	7.992	136	323377	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	164872	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	307739	20.00	ng	0.00
76) Chrysene-d12	13.880	240	200753	20.00	ng	0.00
86) Perylene-d12	15.321	264	201628	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	529964	95.41	ng	0.00
7) Phenol-d6	6.369	99	641971	89.78	ng	0.00
23) Nitrobenzene-d5	7.281	82	416694	66.08	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	180798	88.65	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	682548	60.91	ng	0.00
79) Terphenyl-d14	12.816	244	666373	63.26	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.428	88	89362	36.58	ng	98
3) Pyridine	3.157	79	238390	37.11	ng	99
4) n-Nitrosodimethylamine	3.116	42	124771	40.19	ng	93
6) Aniline	6.381	93	157124	17.85	ng	# 1
8) 2-Chlorophenol	6.504	128	230091	40.98	ng	100
9) Benzaldehyde	6.275	77	62802	12.30	ng	99
10) Phenol	6.387	94	303543	41.14	ng	99
11) bis(2-Chloroethyl)ether	6.445	93	231299	40.55	ng	99
12) 1,3-Dichlorobenzene	6.645	146	251763	39.87	ng	100
13) 1,4-Dichlorobenzene	6.722	146	253800	40.03	ng	99
14) 1,2-Dichlorobenzene	6.875	146	236449	40.80	ng	97
15) Benzyl Alcohol	6.875	79	199615	43.16	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.987	45	351474	40.04	ng	# 41
17) 2-Methylphenol	6.992	107	189692	39.52	ng	# 89
18) Hexachloroethane	7.210	117	93057	40.63	ng	93
19) n-Nitroso-di-n-propyla...	7.134	70	174456	42.85	ng	99
20) 3+4-Methylphenols	7.151	107	261314	45.15	ng	# 58
22) Acetophenone	7.128	105	327444	39.35	ng	# 90
24) Nitrobenzene	7.298	77	264580	39.26	ng	96
25) Isophorone	7.540	82	451808	37.89	ng	99
26) 2-Nitrophenol	7.616	139	122547	39.48	ng	# 87
27) 2,4-Dimethylphenol	7.663	122	200787	37.95	ng	95
28) bis(2-Chloroethoxy)met...	7.745	93	281792	37.78	ng	99
29) 2,4-Dichlorophenol	7.881	162	192029	38.76	ng	98
30) 1,2,4-Trichlorobenzene	7.934	180	199501	37.87	ng	99
31) Naphthalene	8.016	128	668465	38.59	ng	100
32) Benzoic acid	7.845	122	98764	35.11	ng	98
33) 4-Chloroaniline	8.087	127	94492	12.81	ng	99
34) Hexachlorobutadiene	8.122	225	122467	39.20	ng	99
35) Caprolactam	8.463	113	62558	39.76	ng	97
36) 4-Chloro-3-methylphenol	8.581	107	214513	40.31	ng	100
37) 2-Methylnaphthalene	8.704	142	429840	38.31	ng	98
38) 1-Methylnaphthalene	8.804	142	396604	38.17	ng	100
40) 1,2,4,5-Tetrachloroben...	8.875	216	203999	38.34	ng	100
41) Hexachlorocyclopentadiene	8.851	237	42710	39.68	ng	100
43) 2,4,6-Trichlorophenol	8.998	196	126287	38.46	ng	98

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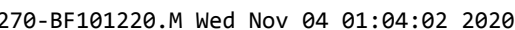
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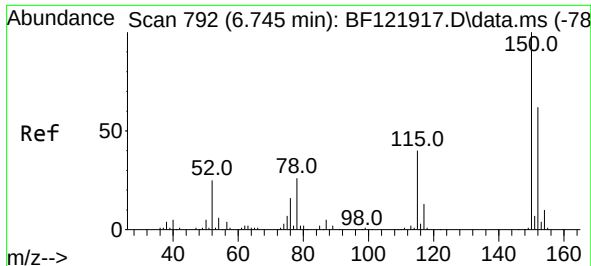
Quant Time: Nov 04 01:03:53 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	125129	35.29	ng	96
46) 1,1'-Biphenyl	9.169	154	518328	38.66	ng	99
47) 2-Chloronaphthalene	9.198	162	404318	38.78	ng	99
48) 2-Nitroaniline	9.310	65	144630	42.06	ng	96
49) Acenaphthylene	9.610	152	615956	38.47	ng	100
50) Dimethylphthalate	9.475	163	569187	47.21	ng	99
51) 2,6-Dinitrotoluene	9.551	165	104612	39.56	ng	93
52) Acenaphthene	9.781	154	371798	39.04	ng	99
53) 3-Nitroaniline	9.728	138	55696	18.52	ng	97
54) 2,4-Dinitrophenol	9.857	184	63736	50.79	ng	# 85
55) Dibenzofuran	9.951	168	549624	39.46	ng	93
56) 4-Nitrophenol	9.951	139	343902	210.19	ng	# 22
57) 2,4-Dinitrotoluene	9.963	165	139891	42.97	ng	95
58) Fluorene	10.298	166	452699	40.34	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	114622	41.78	ng	94
60) Diethylphthalate	10.169	149	468668	40.31	ng	98
61) 4-Chlorophenyl-phenyle...	10.286	204	213420	39.66	ng	99
62) 4-Nitroaniline	10.345	138	98025	32.62	ng	89
63) Azobenzene	10.445	77	485479	39.49	ng	98
65) 4,6-Dinitro-2-methylph...	10.381	198	58940	30.38	ng	95
66) n-Nitrosodiphenylamine	10.410	169	408132	38.50	ng	98
67) 4-Bromophenyl-phenylether	10.775	248	140073	39.40	ng	99
68) Hexachlorobenzene	10.845	284	156099	38.79	ng	99
69) Atrazine	10.939	200	111701	43.09	ng	98
70) Pentachlorophenol	11.057	266	87025	57.48	ng	99
71) Phenanthrene	11.257	178	736627	43.66	ng	99
72) Anthracene	11.310	178	701340	40.07	ng	99
73) Carbazole	11.475	167	603704	38.80	ng	99
74) Di-n-butylphthalate	11.792	149	729996	40.78	ng	99
75) Fluoranthene	12.451	202	830219	45.89	ng	98
77) Benzidine	12.586	184	181095	29.26	ng	99
78) Pyrene	12.680	202	793637	51.88	ng	99
80) Butylbenzylphthalate	13.286	149	274003	45.16	ng	97
81) Benzo(a)anthracene	13.874	228	568949	43.25	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	100302	20.55	ng	99
83) Chrysene	13.910	228	546400	42.31	ng	100
84) Bis(2-ethylhexyl)phtha...	13.845	149	519121	63.03	ng	99
85) Di-n-octyl phthalate	14.451	149	564410	42.36	ng	99
87) Indeno(1,2,3-cd)pyrene	16.745	276	615804	47.04	ng	98
88) Benzo(b)fluoranthene	14.910	252	588859	43.21	ng	100
89) Benzo(k)fluoranthene	14.939	252	456627	35.27	ng	99
90) Benzo(a)pyrene	15.263	252	489647	41.60	ng	99
91) Dibenzo(a,h)anthracene	16.745	278	493973	45.83	ng	98
92) Benzo(g,h,i)perylene	17.168	276	535650	49.65	ng	98

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

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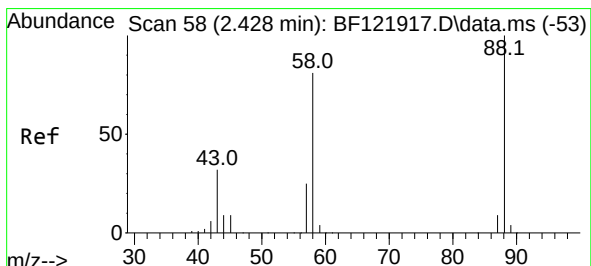
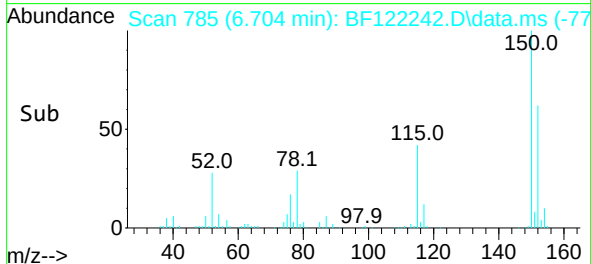
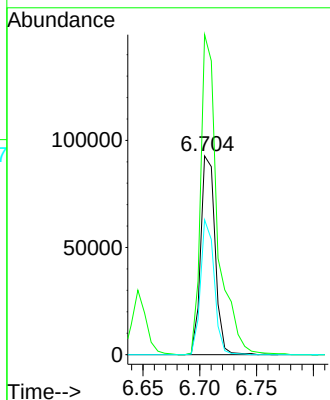
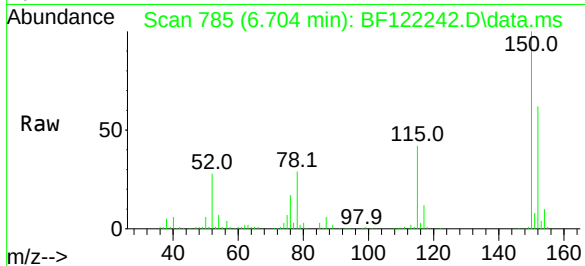




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.704 min Scan# 785
 Delta R.T. -0.012 min
 Lab File: BF122242.D
 Acq: 3 Nov 2020 16:01

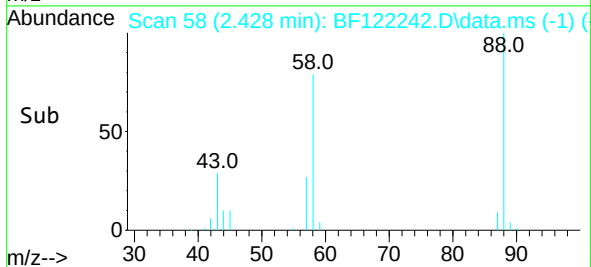
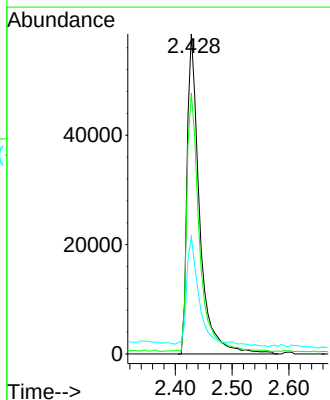
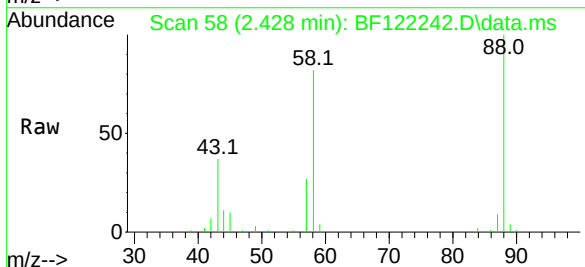
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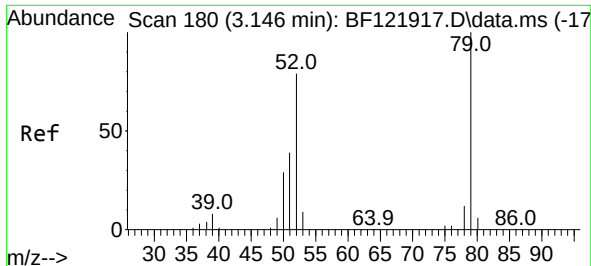
Tgt Ion:152 Resp: 81979
 Ion Ratio Lower Upper
 152 100
 150 161.0 125.3 187.9
 115 67.9 51.9 77.9



#2
 1,4-Dioxane
 Concen: 36.58 ng
 RT: 2.428 min Scan# 58
 Delta R.T. 0.065 min
 Lab File: BF122242.D
 Acq: 3 Nov 2020 16:01

Tgt Ion: 88 Resp: 89362
 Ion Ratio Lower Upper
 88 100
 58 81.8 65.8 98.8
 43 35.8 25.8 38.8

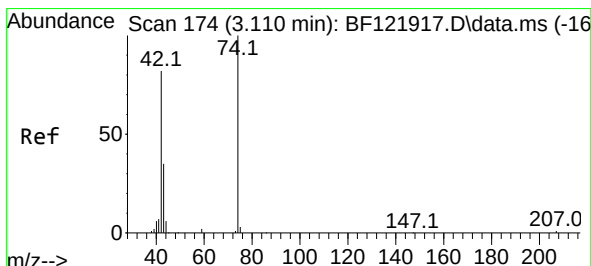
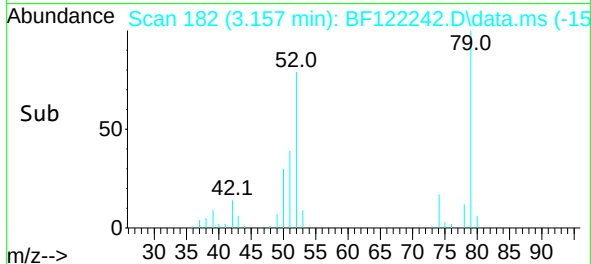
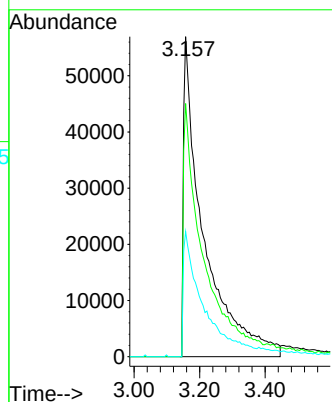
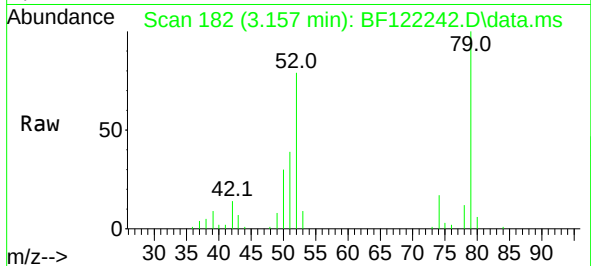




#3
Pyridine
Concen: 37.11 ng
RT: 3.157 min Scan# 182
Delta R.T. 0.076 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

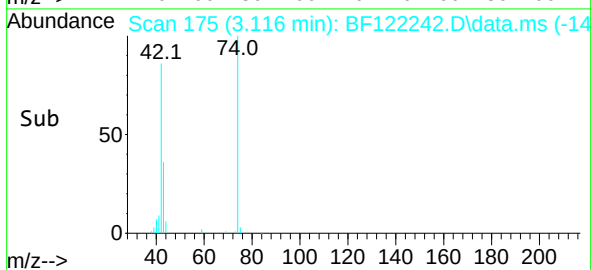
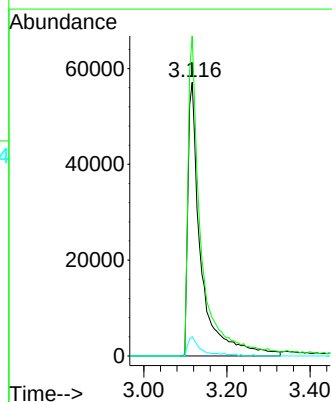
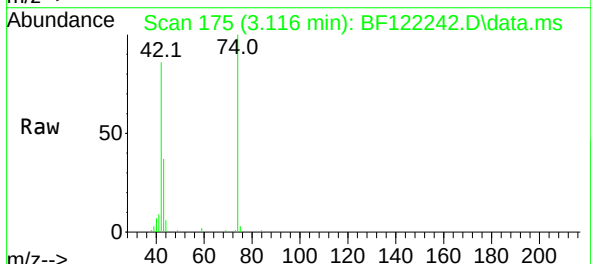
Instrument :
BNA_F
ClientSampleId :
12016MSD

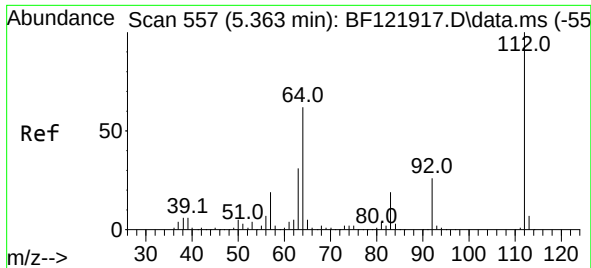
Tgt Ion: 79 Resp: 238390
Ion Ratio Lower Upper
79 100
52 79.1 62.2 93.4
51 39.1 31.1 46.7



#4
n-Nitrosodimethylamine
Concen: 40.19 ng
RT: 3.116 min Scan# 175
Delta R.T. 0.071 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion: 42 Resp: 124771
Ion Ratio Lower Upper
42 100
74 116.9 100.2 150.2
44 7.0 5.8 8.6

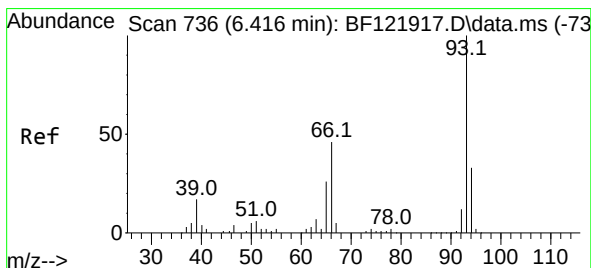
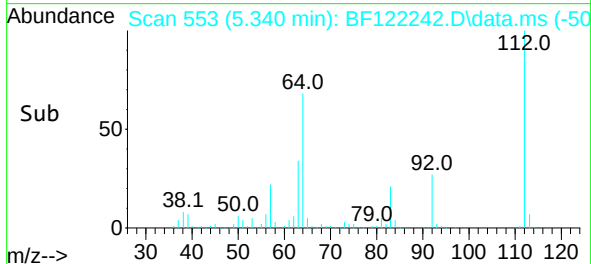
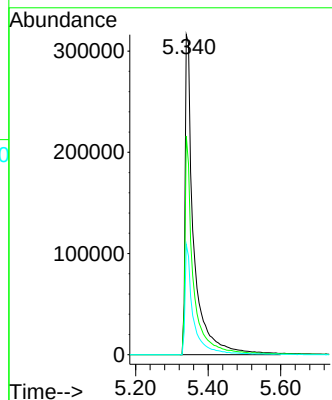
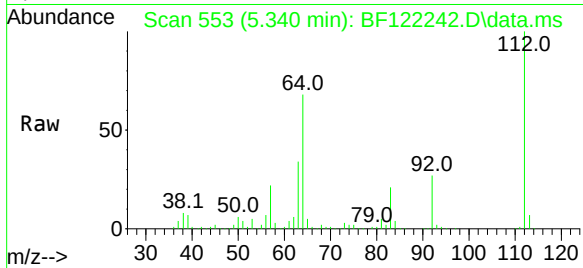




#5
2-Fluorophenol
Concen: 95.41 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

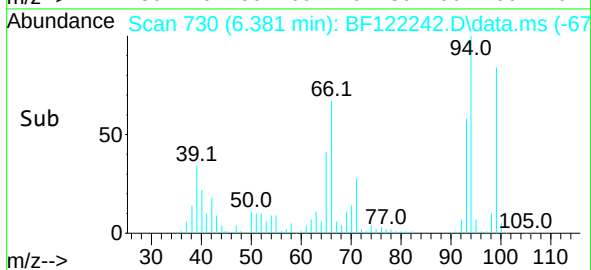
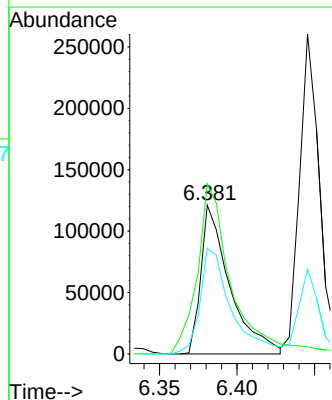
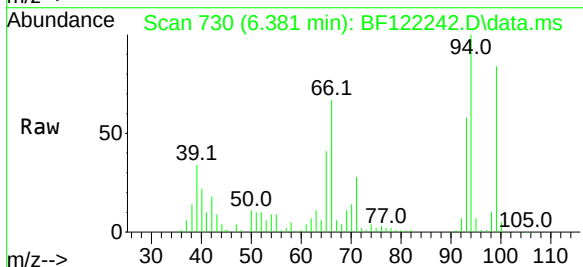
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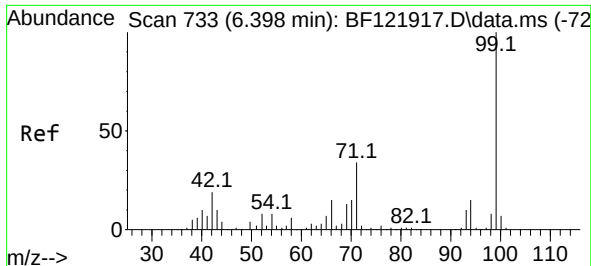
Tgt Ion:112 Resp: 529964
Ion Ratio Lower Upper
112 100
64 68.4 50.4 75.6
63 34.4 25.8 38.6



#6
Aniline
Concen: 17.85 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion: 93 Resp: 157124
Ion Ratio Lower Upper
93 100
66 114.2 32.7 49.1#
65 70.9 16.6 24.8#

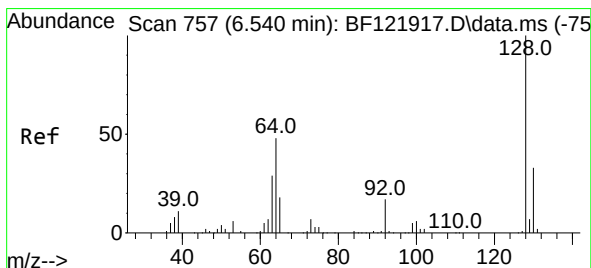
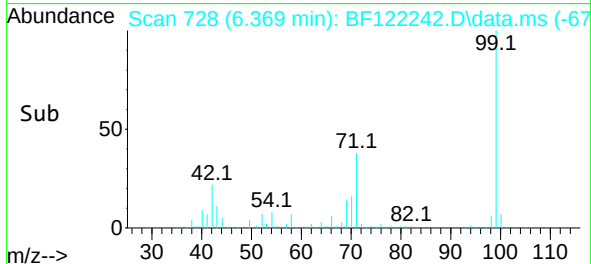
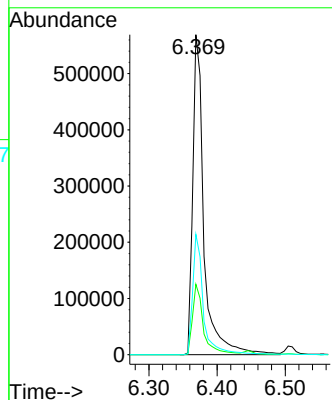
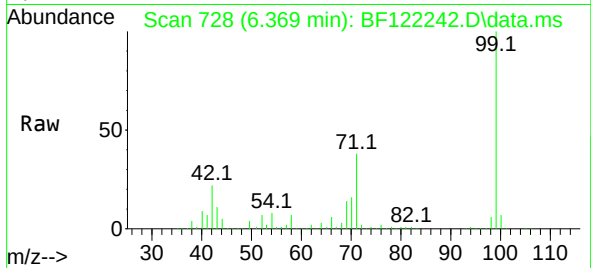




#7
Phenol-d6
Concen: 89.78 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

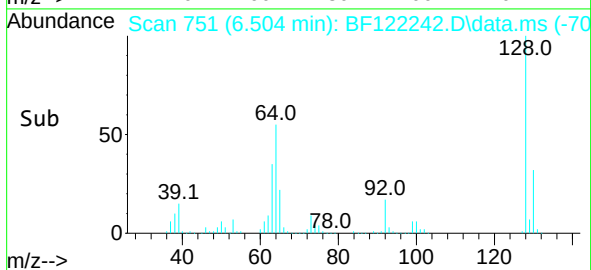
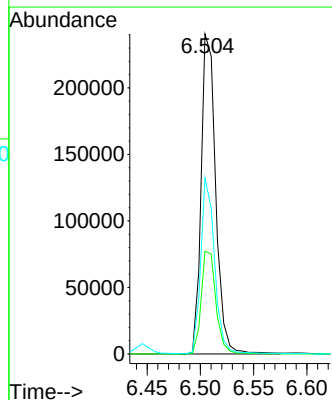
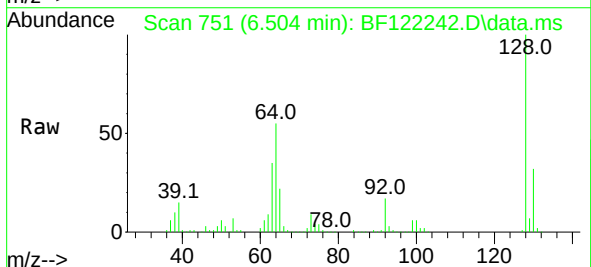
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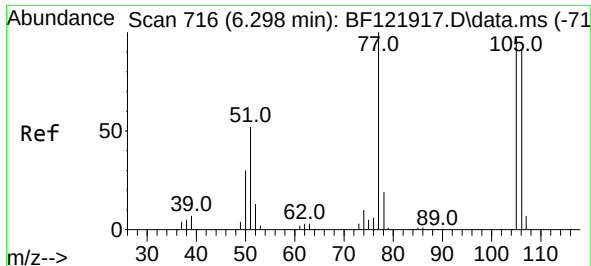
Tgt Ion: 99 Resp: 641971
Ion Ratio Lower Upper
99 100
42 22.0 15.9 23.9
71 37.6 27.1 40.7



#8
2-Chlorophenol
Concen: 40.98 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion: 128 Resp: 230091
Ion Ratio Lower Upper
128 100
130 32.1 12.4 52.4
64 55.0 34.8 74.8

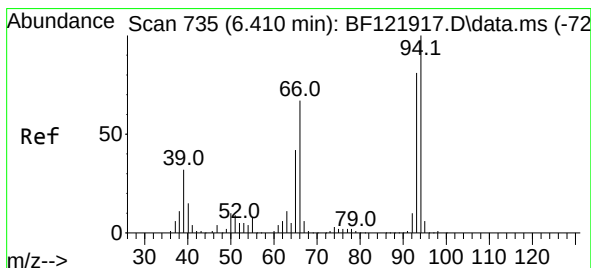
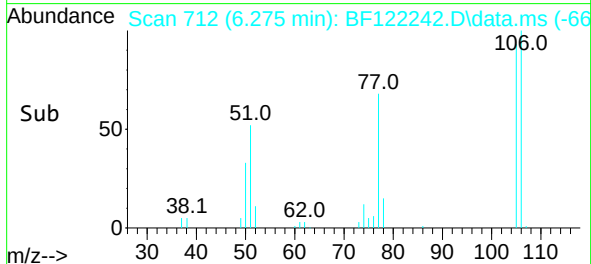
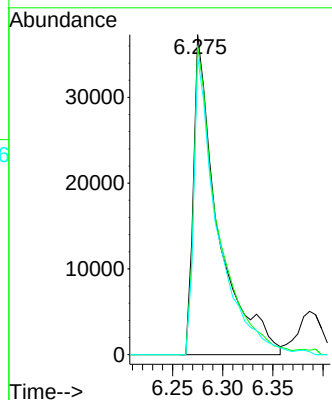
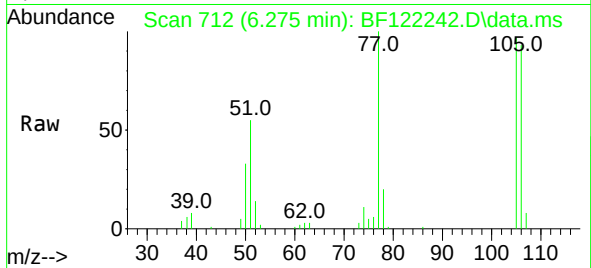




#9
Benzaldehyde
Concen: 12.30 ng
RT: 6.275 min Scan# 712
Delta R.T. 0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

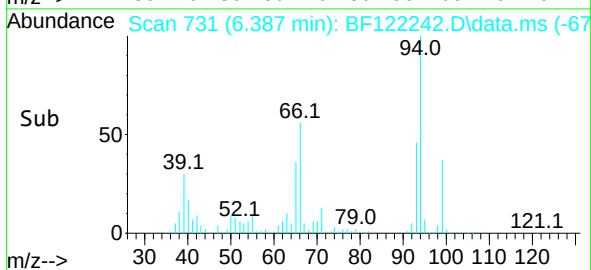
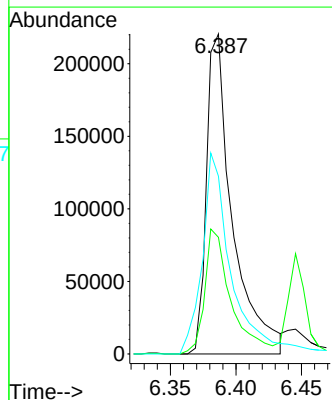
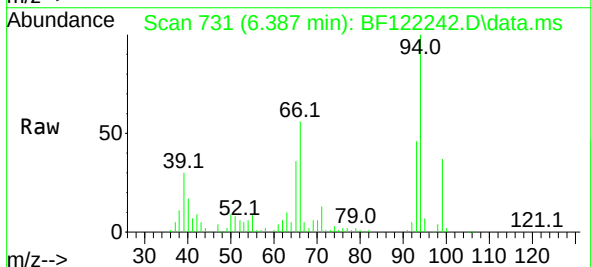
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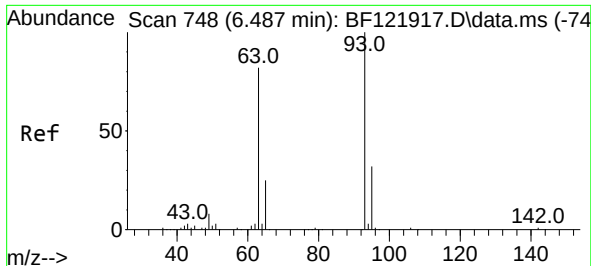
Tgt Ion: 77 Resp: 62802
Ion Ratio Lower Upper
77 100
105 96.5 76.7 116.7
106 93.1 71.3 111.3



#10
Phenol
Concen: 41.14 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion: 94 Resp: 303543
Ion Ratio Lower Upper
94 100
65 36.4 17.1 57.1
66 55.6 36.0 76.0

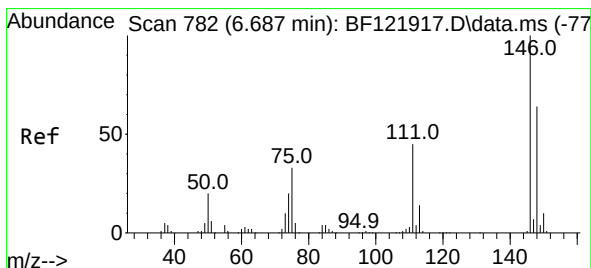
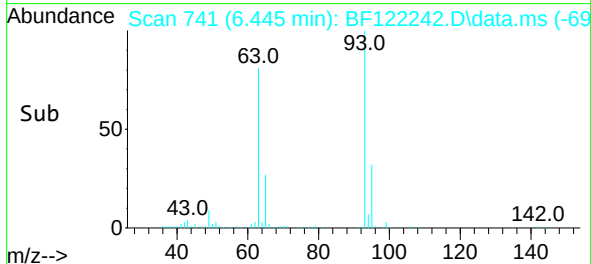
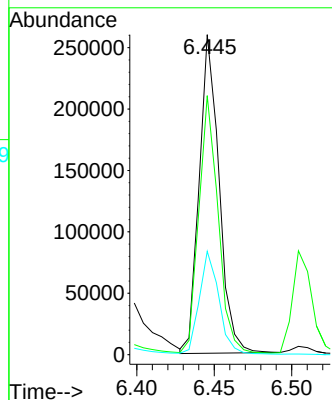
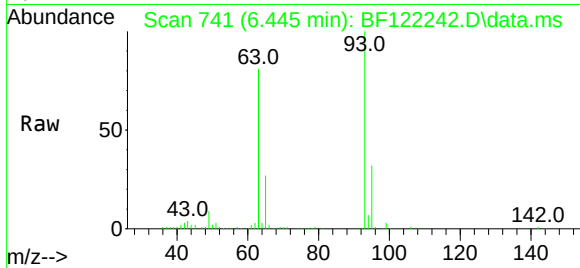




#11
bis(2-Chloroethyl)ether
Concen: 40.55 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

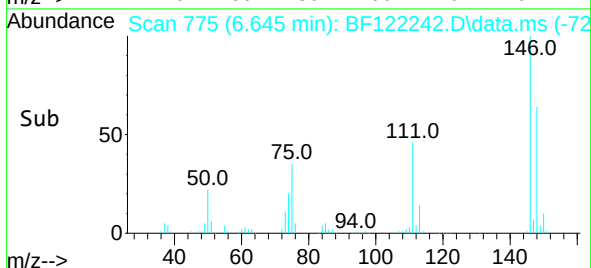
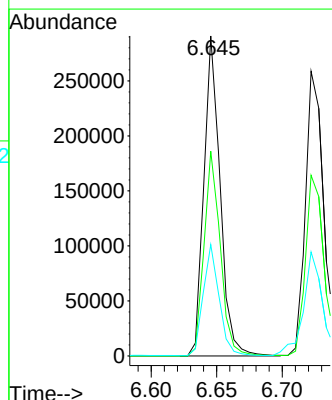
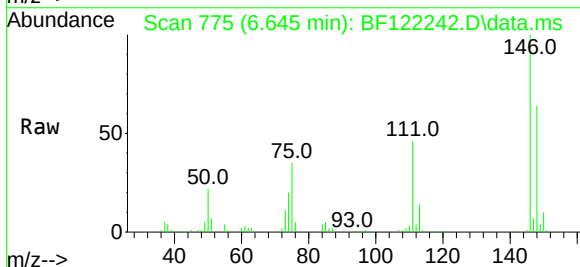
Instrument :
BNA_F
ClientSampleId :
12016MSD

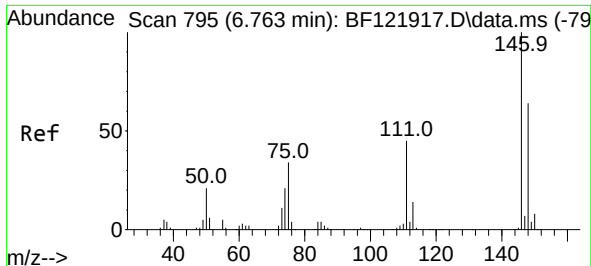
Tgt Ion: 93 Resp: 231299
Ion Ratio Lower Upper
93 100
63 81.0 62.4 102.4
95 32.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.87 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.012 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion: 146 Resp: 251763
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 34.8 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 40.03 ng

RT: 6.722 min Scan# 788

Delta R.T. -0.012 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

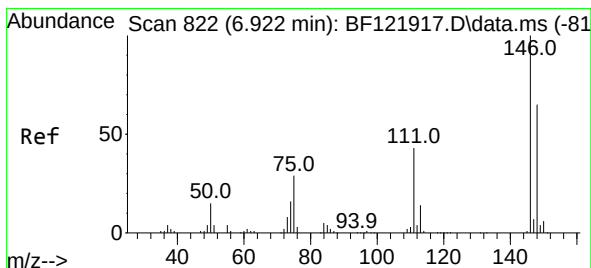
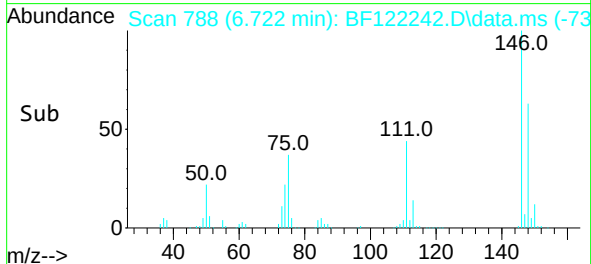
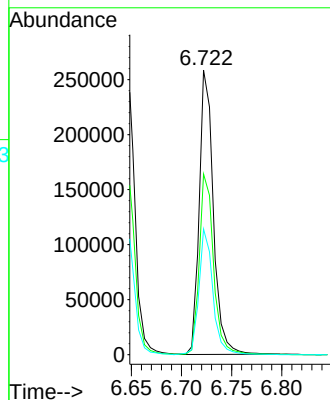
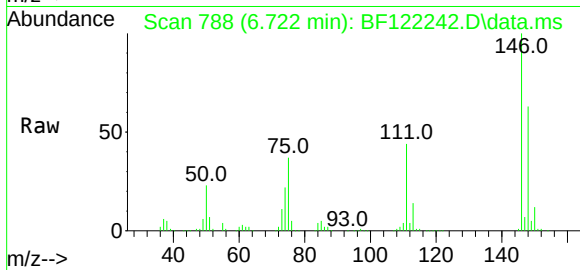
Tgt Ion:146 Resp: 253800

Ion Ratio Lower Upper

146 100

148 63.5 50.1 75.1

111 44.2 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 40.80 ng

RT: 6.875 min Scan# 814

Delta R.T. -0.012 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

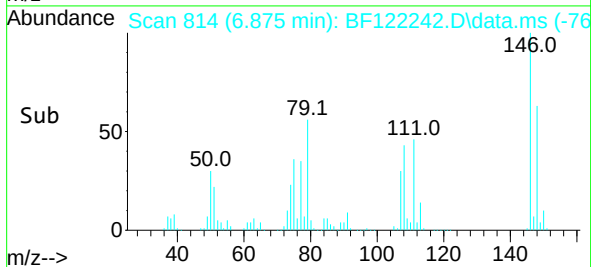
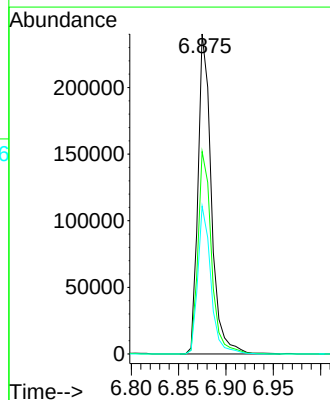
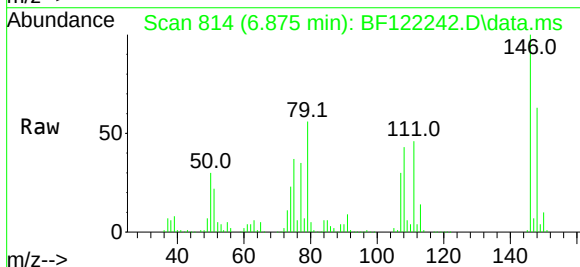
Tgt Ion:146 Resp: 236449

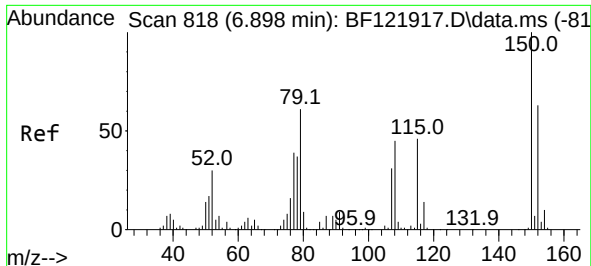
Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

111 46.2 34.2 51.4

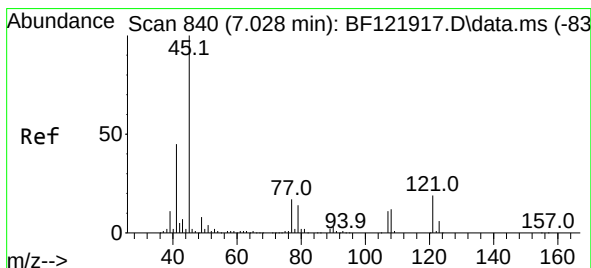
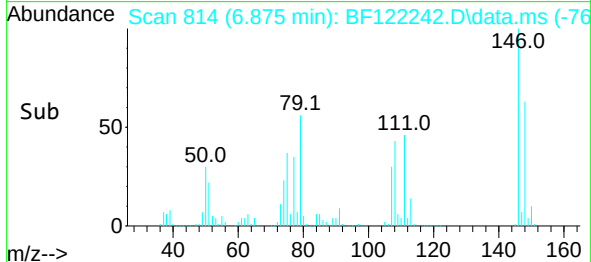
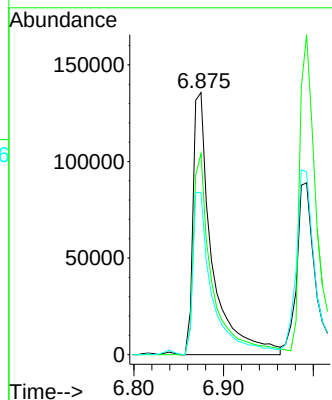
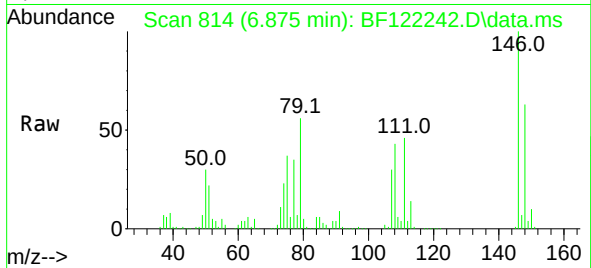




#15
Benzyl Alcohol
Concen: 43.16 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

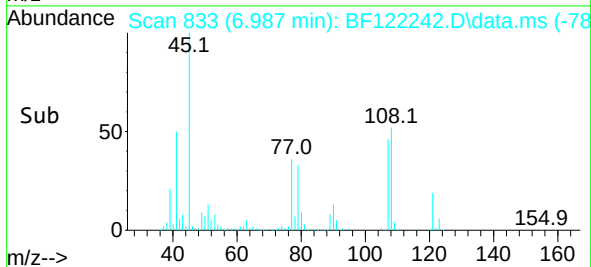
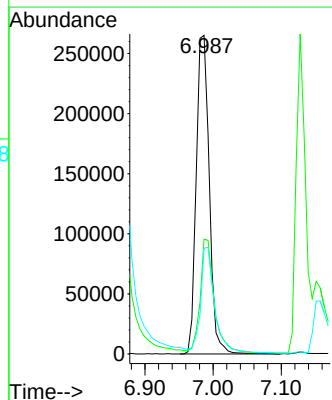
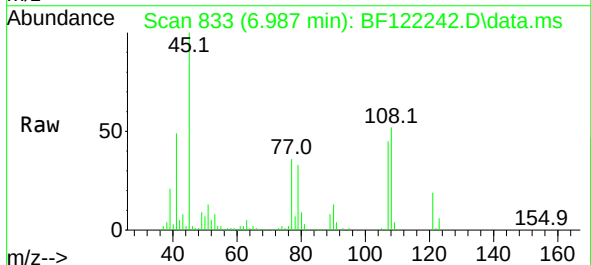
Instrument :
BNA_F
ClientSampleId :
12016MSD

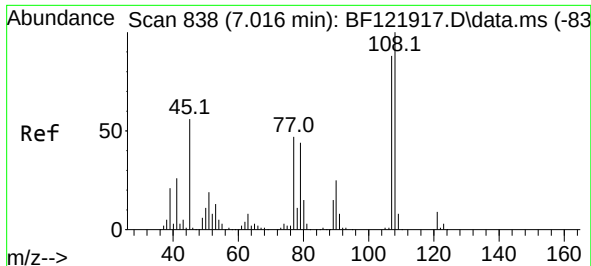
Tgt Ion: 79 Resp: 199615
Ion Ratio Lower Upper
79 100
108 76.8 62.3 93.5
77 61.9 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.04 ng
RT: 6.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

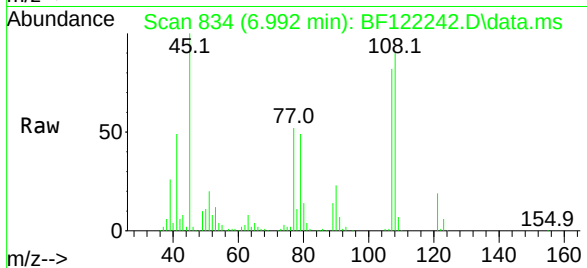
Tgt Ion: 45 Resp: 351474
Ion Ratio Lower Upper
45 100
77 36.1 0.0 33.3#
79 33.1 0.0 30.4#





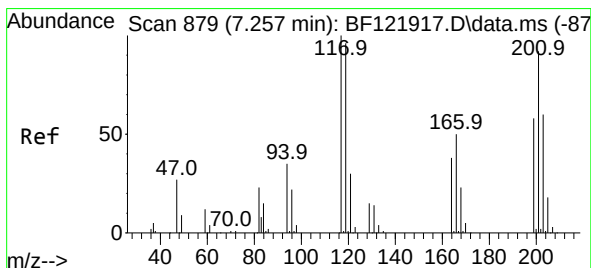
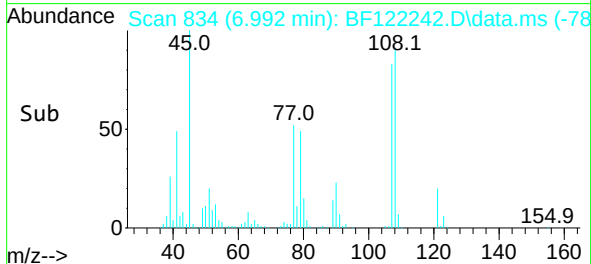
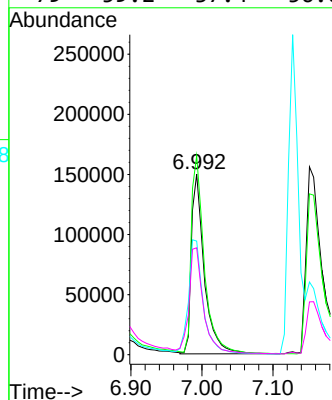
#17
2-Methylphenol
Concen: 39.52 ng
RT: 6.992 min Scan# 834
Delta R.T. 0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Instrument :
BNA_F
ClientSampleId :
12016MSD



Tgt Ion:107 Resp: 189692

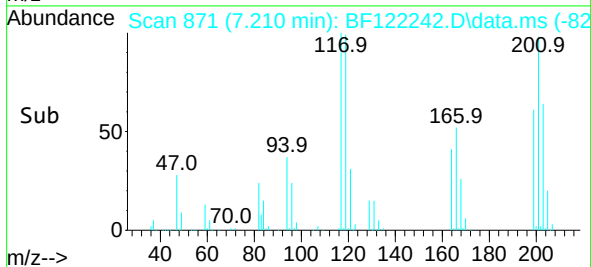
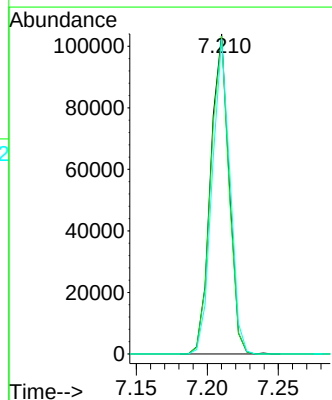
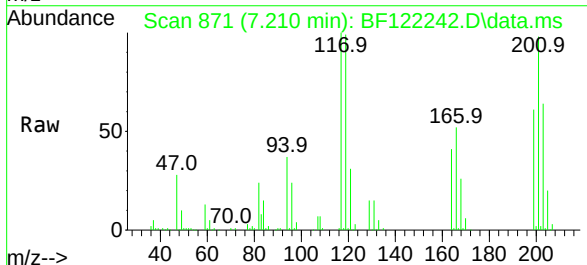
Ion	Ratio	Lower	Upper
107	100		
108	110.2	90.9	136.3
77	62.9	37.5	56.3#
79	59.2	37.4	56.0#

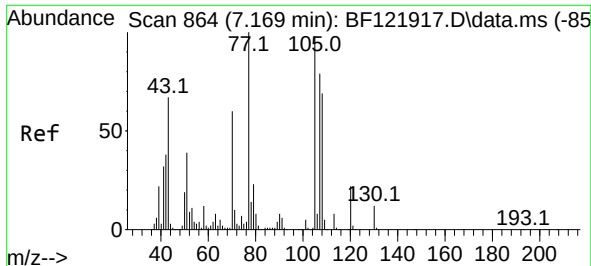


#18
Hexachloroethane
Concen: 40.63 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:117 Resp: 93057

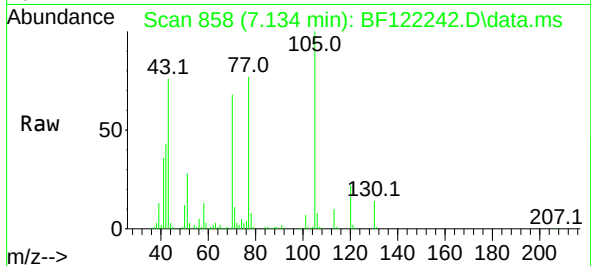
Ion	Ratio	Lower	Upper
117	100		
119	99.3	76.3	114.5
201	98.4	71.8	107.6



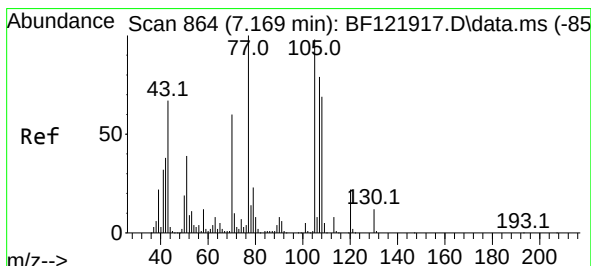
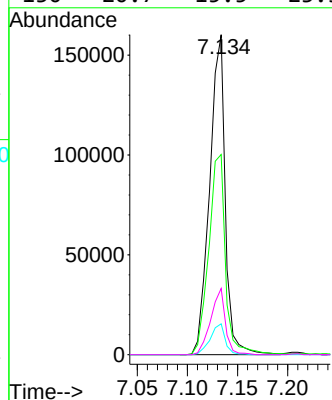
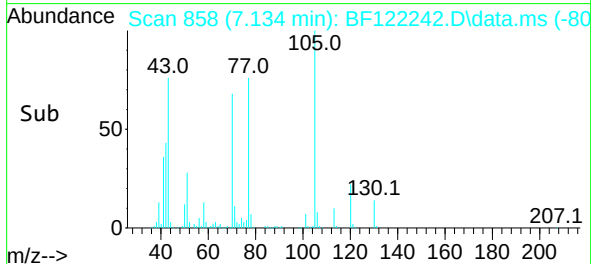


#19
n-Nitroso-di-n-propylamine
Concen: 42.85 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

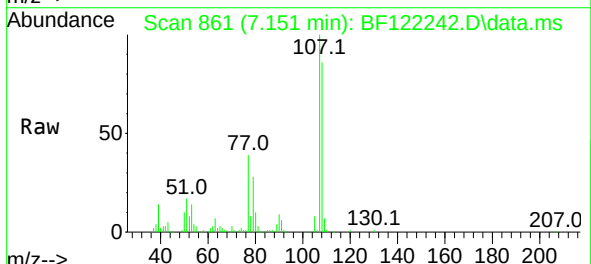
Instrument :
BNA_F
ClientSampleId :
12016MSD



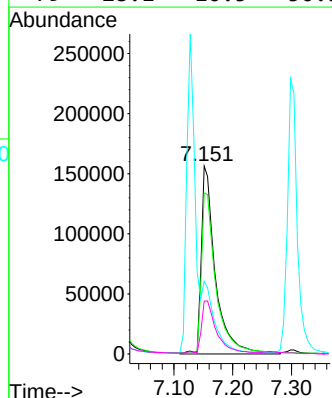
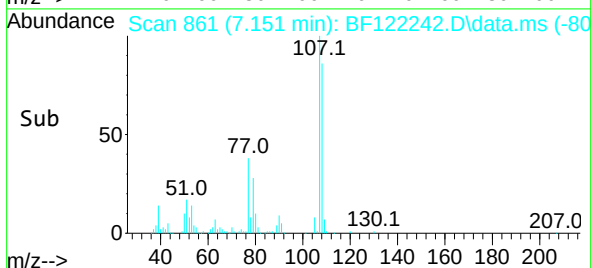
Tgt Ion: 70 Resp: 174456
Ion Ratio Lower Upper
70 100
42 62.5 50.2 75.4
101 9.7 7.5 11.3
130 20.7 15.5 23.3

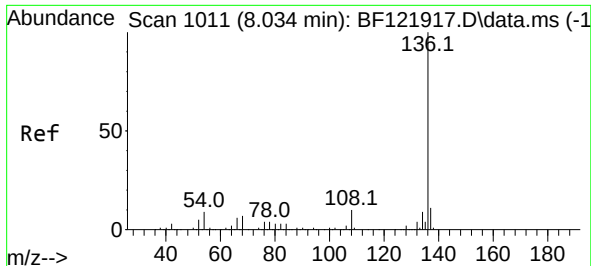


#20
3+4-Methylphenols
Concen: 45.15 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01



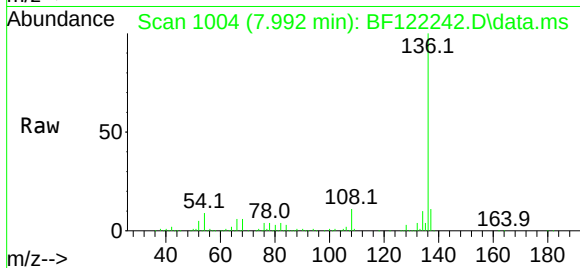
Tgt Ion: 107 Resp: 261314
Ion Ratio Lower Upper
107 100
108 85.6 68.9 108.9
77 38.7 108.0 148.0#
79 28.1 10.5 50.5



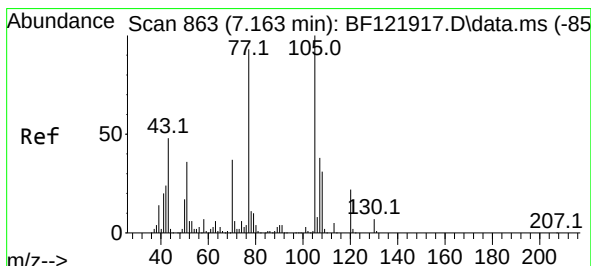
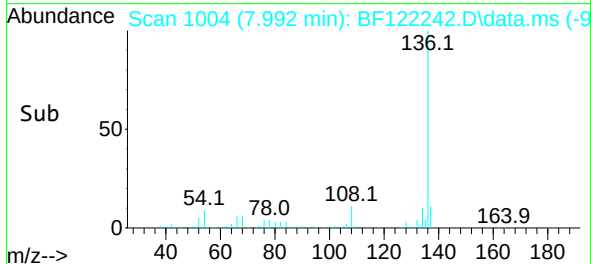
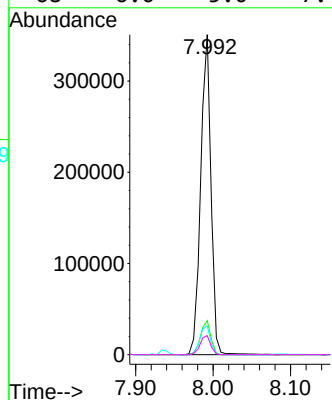


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

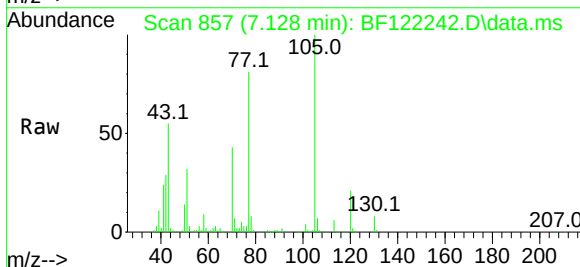
Instrument :
BNA_F
ClientSampleId :
12016MSD



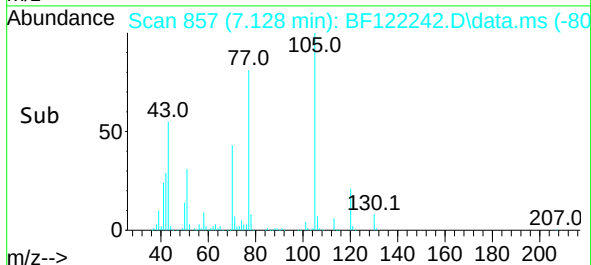
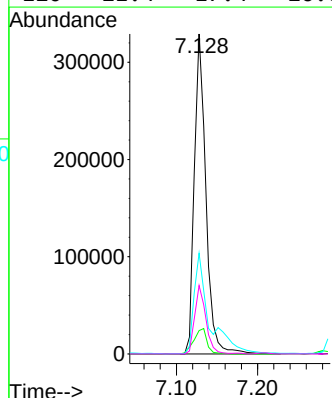
Tgt Ion:136 Resp: 323377
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.0 7.1 10.7
68 6.0 5.0 7.4

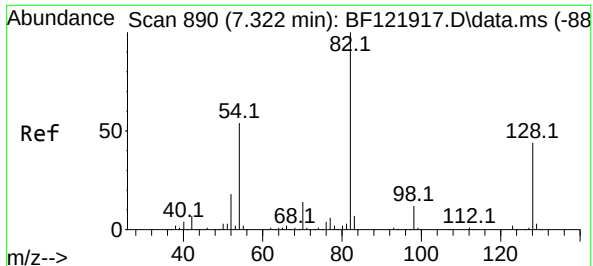


#22
Acetophenone
Concen: 39.35 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01



Tgt Ion:105 Resp: 327444
Ion Ratio Lower Upper
105 100
71 7.3 5.3 7.9
51 31.5 33.2 49.8#
120 21.4 17.4 26.0





#23

Nitrobenzene-d5

Concen: 66.08 ng

RT: 7.281 min Scan# 883

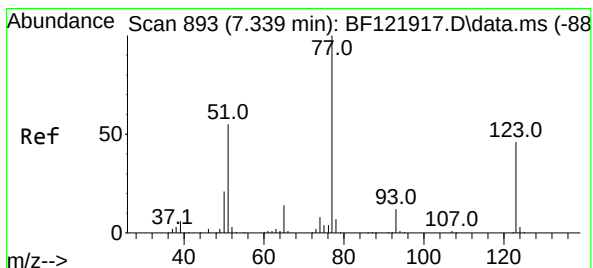
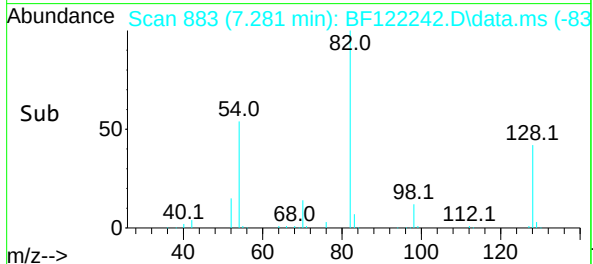
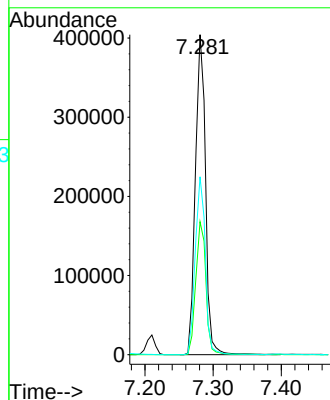
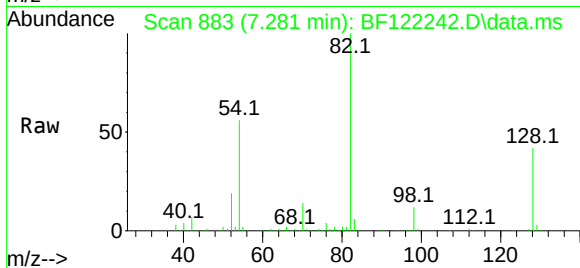
Delta R.T. -0.006 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

Tgt Ion: 82 Resp: 416694

Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.0	52.4
54	55.6	43.9	65.9



#24

Nitrobenzene

Concen: 39.26 ng

RT: 7.298 min Scan# 886

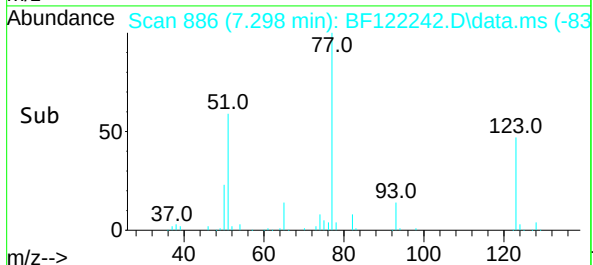
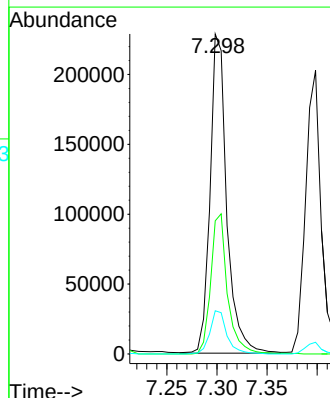
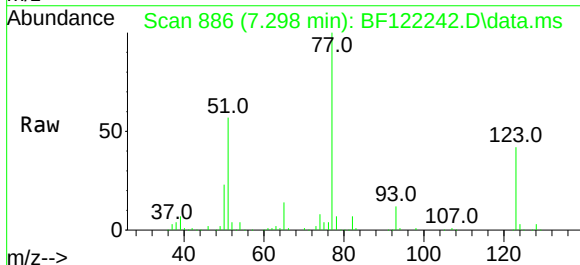
Delta R.T. -0.006 min

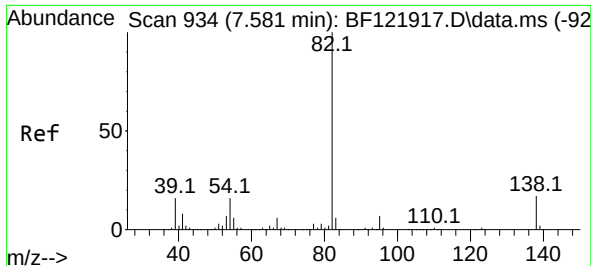
Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

Tgt Ion: 77 Resp: 264580

Ion	Ratio	Lower	Upper
77	100		
123	41.6	35.6	53.4
65	13.5	11.2	16.8

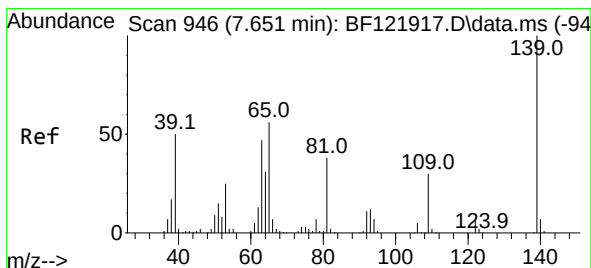
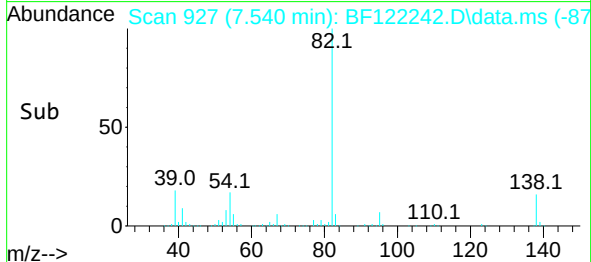
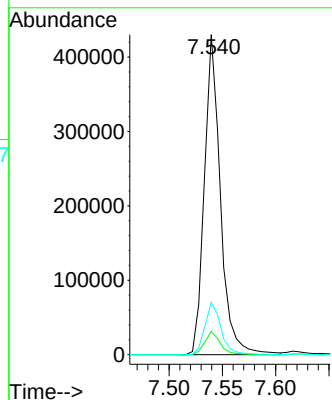
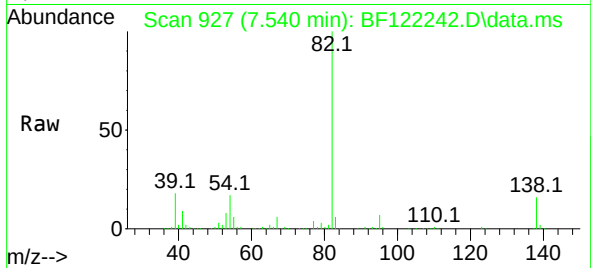




#25
Isophorone
Concen: 37.89 ng
RT: 7.540 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

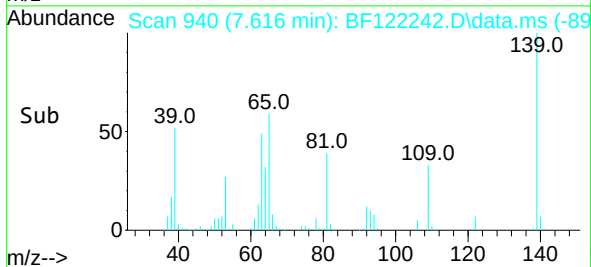
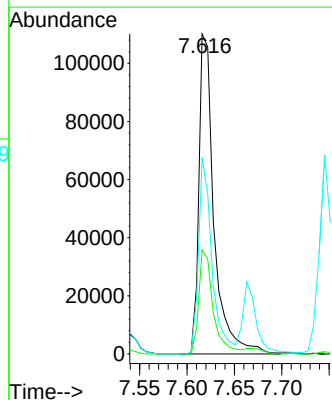
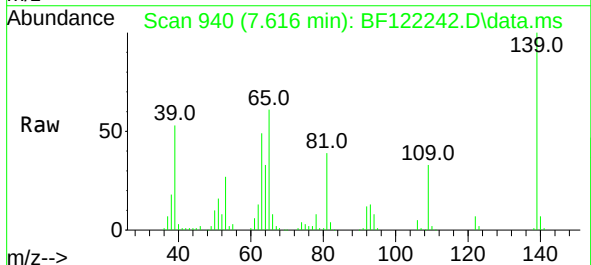
Instrument :
BNA_F
ClientSampleId :
12016MSD

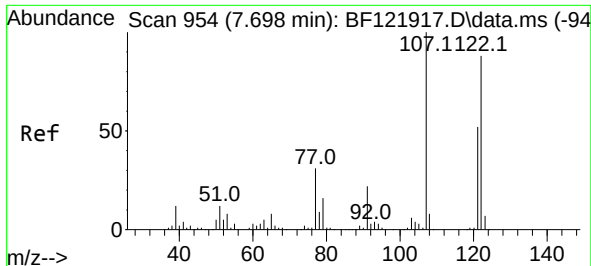
Tgt Ion: 82 Resp: 451808
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.0
138 16.3 13.4 20.0



#26
2-Nitrophenol
Concen: 39.48 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:139 Resp: 122547
Ion Ratio Lower Upper
139 100
109 32.5 23.0 34.4
65 61.4 39.9 59.9#





#27

2,4-Dimethylphenol

Concen: 37.95 ng

RT: 7.663 min Scan# 948

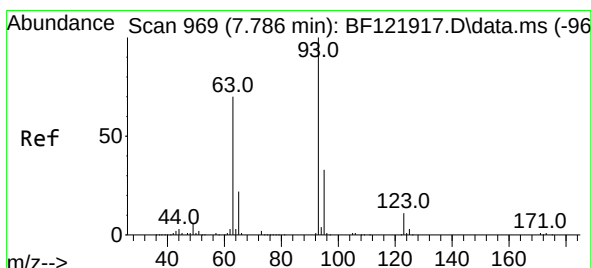
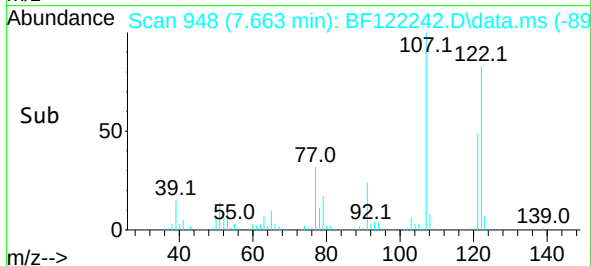
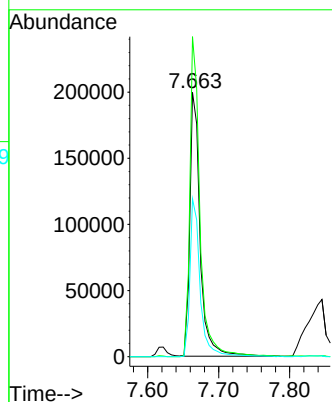
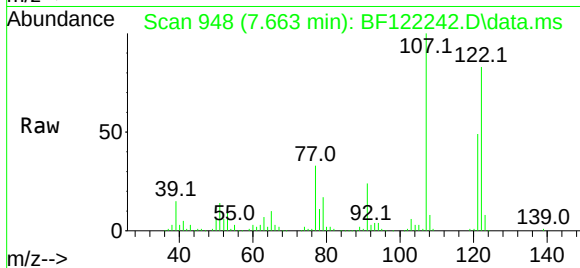
Delta R.T. -0.006 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

Tgt Ion:	122	Resp:	200787
Ion	Ratio	Lower	Upper
122	100		
107	121.1	90.8	136.2
121	59.7	47.5	71.3

Instrument :
BNA_F
ClientSampleId :
12016MSD



#28

bis(2-Chloroethoxy)methane

Concen: 37.78 ng

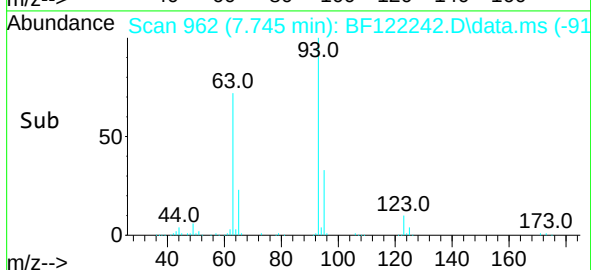
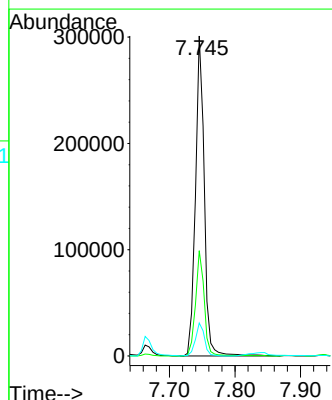
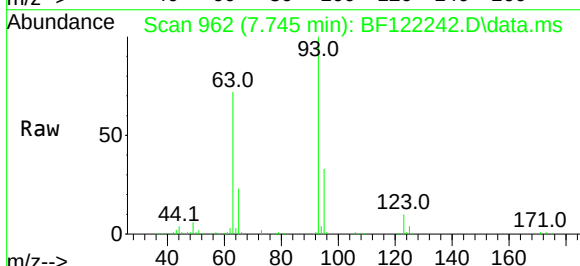
RT: 7.745 min Scan# 962

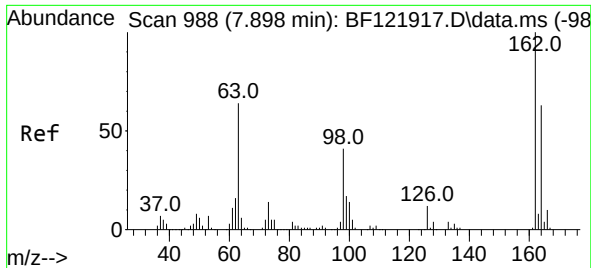
Delta R.T. -0.006 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

Tgt Ion:	93	Resp:	281792
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	10.3	8.8	13.2

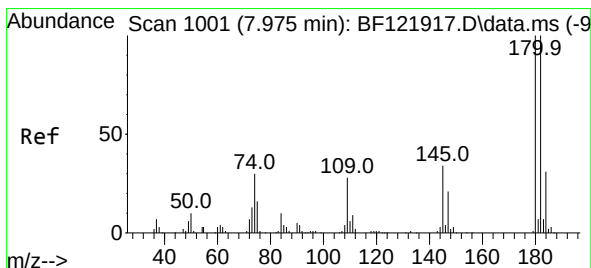
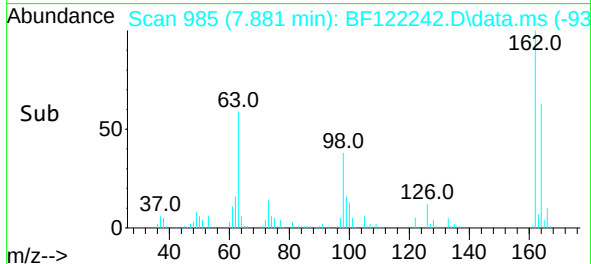
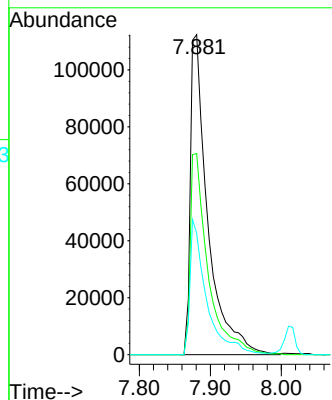
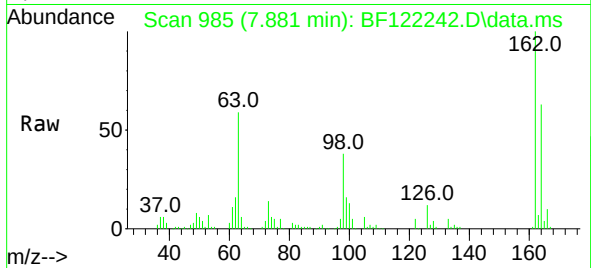




#29
2,4-Dichlorophenol
Concen: 38.76 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

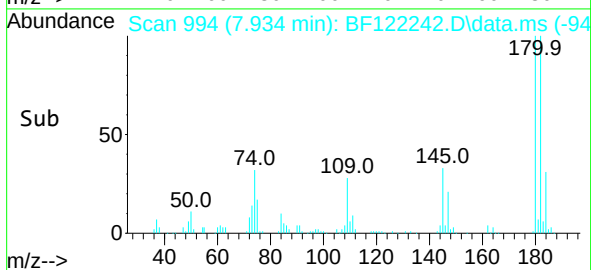
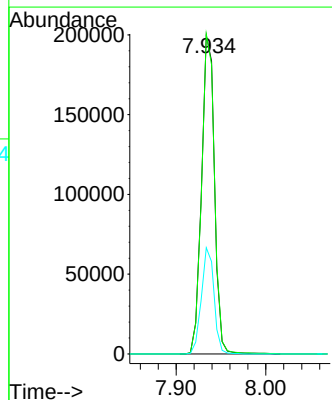
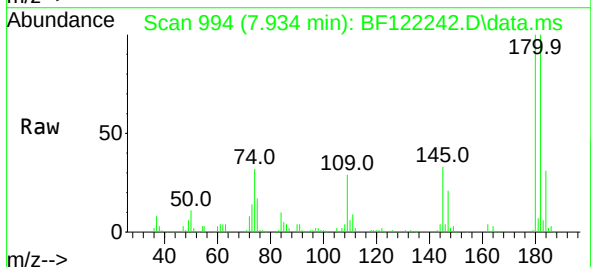
Instrument :
BNA_F
ClientSampleId :
12016MSD

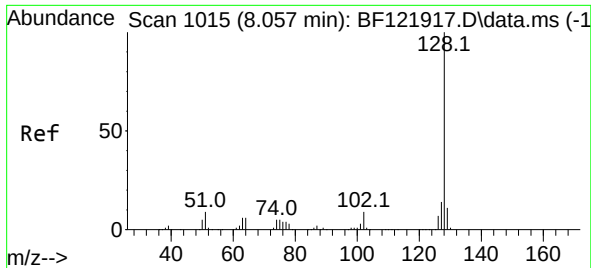
Tgt Ion:162 Resp: 192029
Ion Ratio Lower Upper
162 100
164 62.8 42.5 82.5
98 37.9 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 37.87 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:180 Resp: 199501
Ion Ratio Lower Upper
180 100
182 100.4 79.4 119.2
145 33.3 25.5 38.3

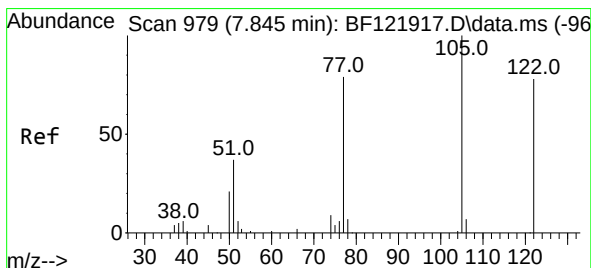
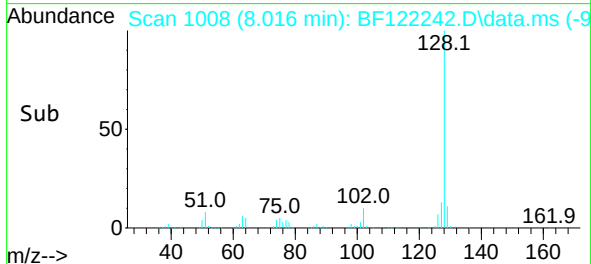
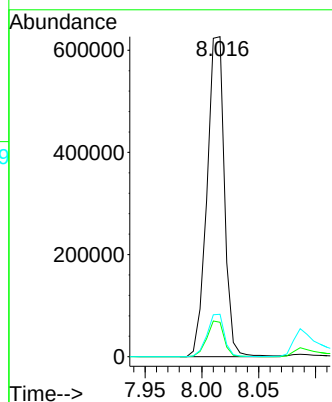
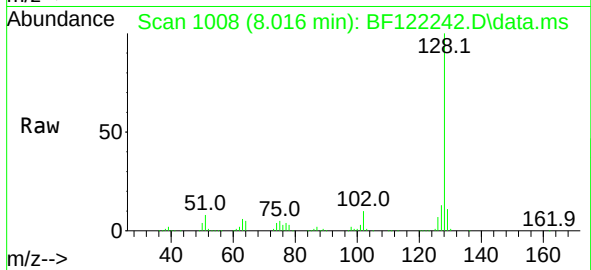




#31
Naphthalene
Concen: 38.59 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

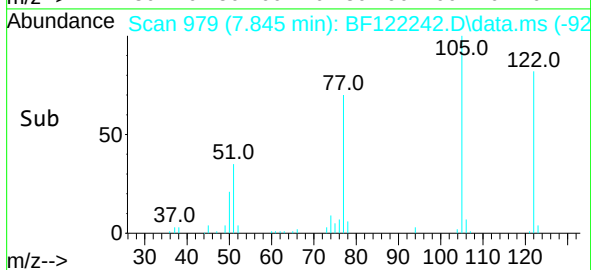
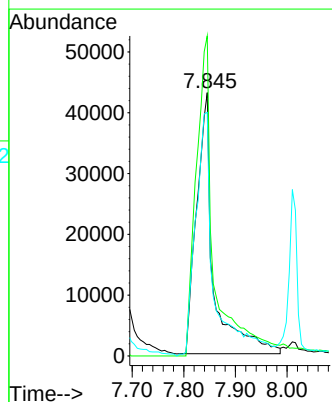
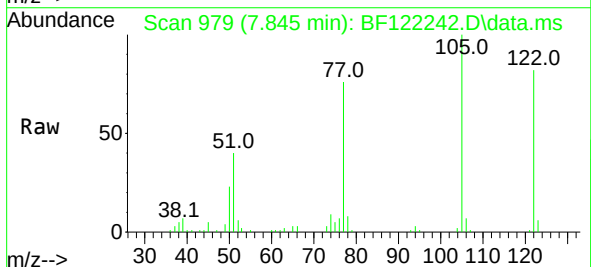
Instrument :
BNA_F
ClientSampleId :
12016MSD

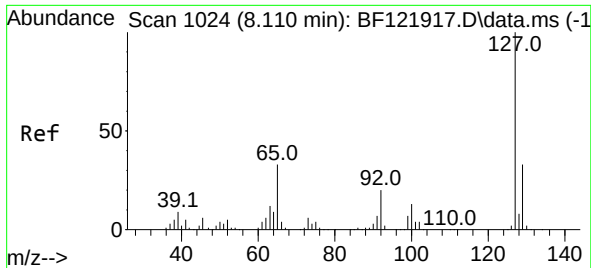
Tgt Ion:128 Resp: 668465
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 35.11 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.018 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:122 Resp: 98764
Ion Ratio Lower Upper
122 100
105 121.5 103.3 143.3
77 92.5 73.9 113.9

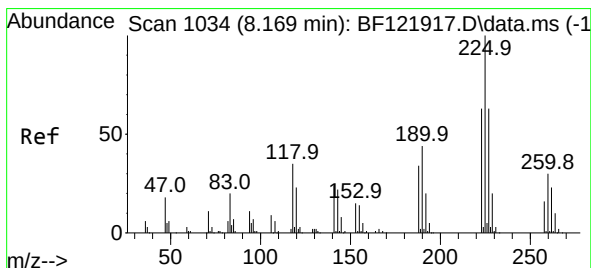
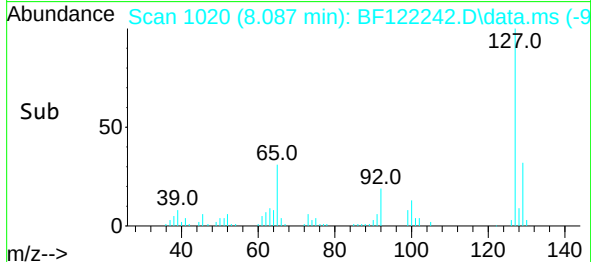
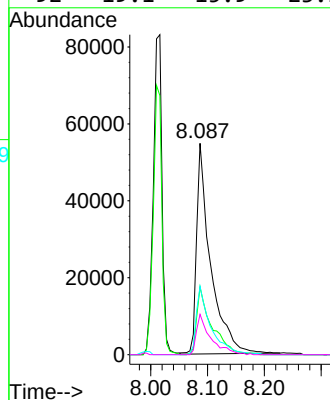
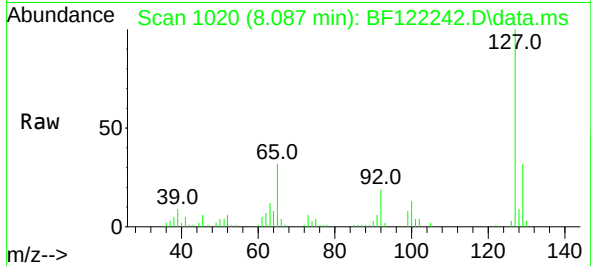




#33
4-Chloroaniline
Concen: 12.81 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

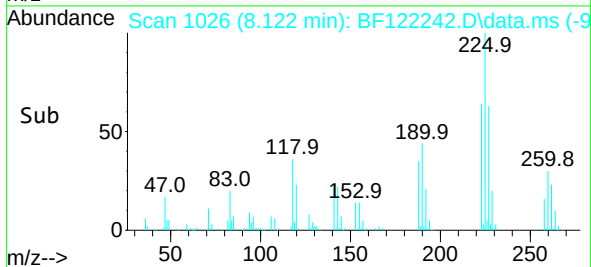
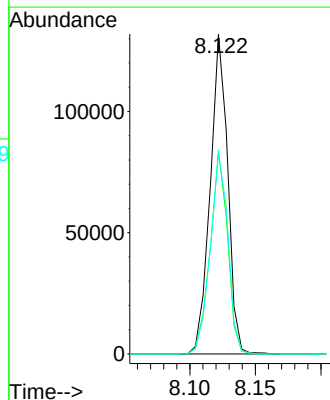
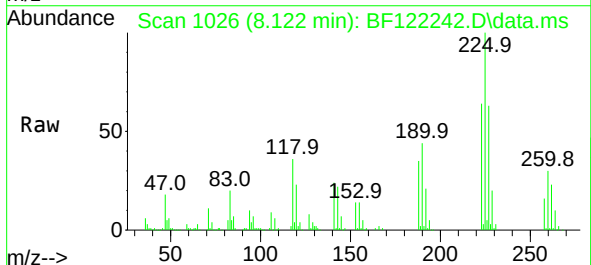
Instrument :
BNA_F
ClientSampleId :
12016MSD

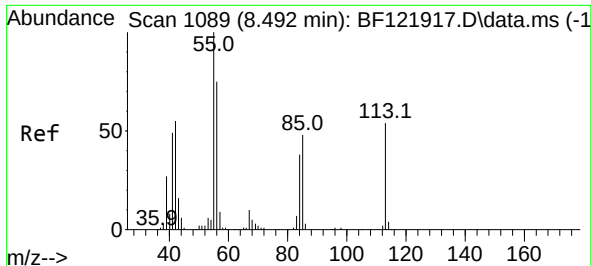
Tgt Ion:127	Resp: 94492
Ion Ratio	Lower Upper
127 100	
129 32.0	26.3 39.5
65 32.3	26.2 39.2
92 19.1	15.9 23.9



#34
Hexachlorobutadiene
Concen: 39.20 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:225	Resp: 122467
Ion Ratio	Lower Upper
225 100	
223 63.6	51.1 76.7
227 62.8	51.0 76.6

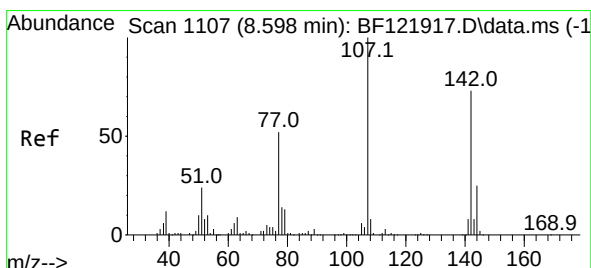
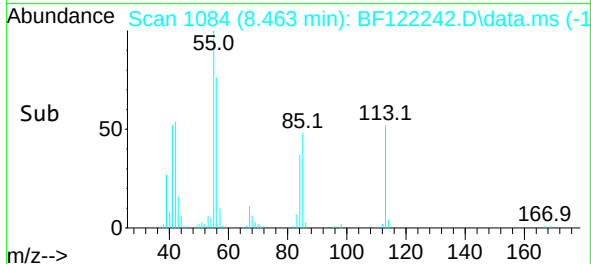
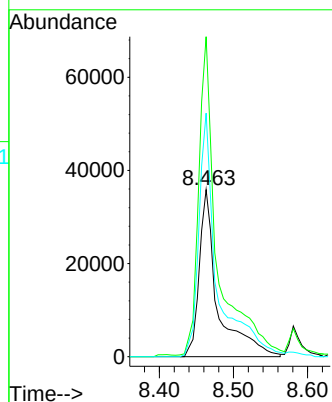
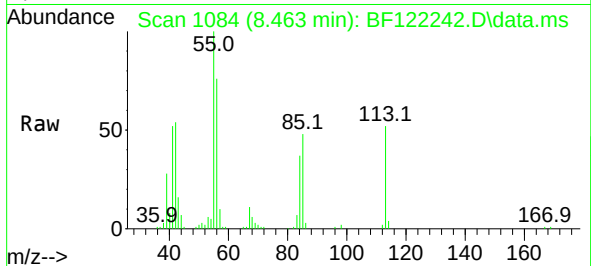




#35
Caprolactam
Concen: 39.76 ng
RT: 8.463 min Scan# 1084
Delta R.T. -0.000 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

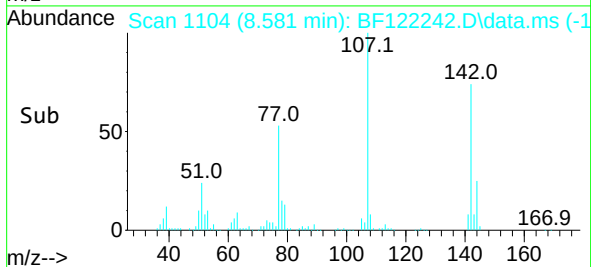
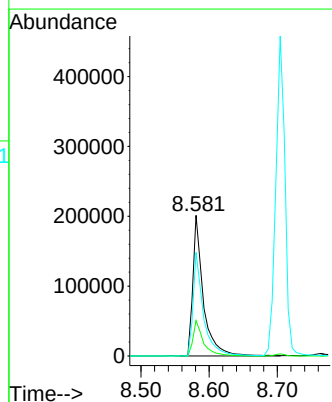
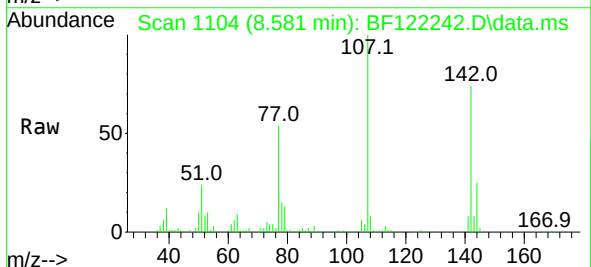
Instrument :
BNA_F
ClientSampleId :
12016MSD

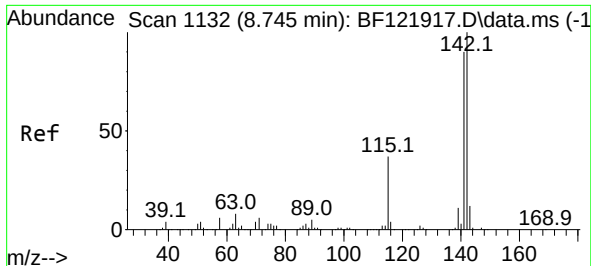
Tgt Ion:113 Resp: 62558
Ion Ratio Lower Upper
113 100
55 191.5 167.5 207.5
56 145.8 121.2 161.2



#36
4-Chloro-3-methylphenol
Concen: 40.31 ng
RT: 8.581 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:107 Resp: 214513
Ion Ratio Lower Upper
107 100
144 25.1 20.1 30.1
142 73.6 59.3 88.9

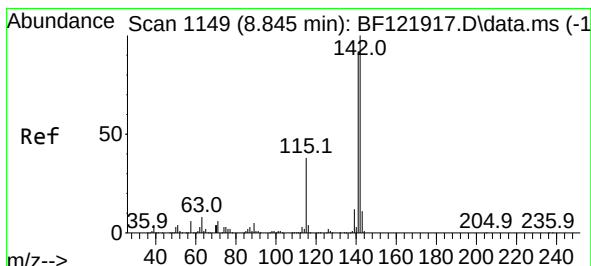
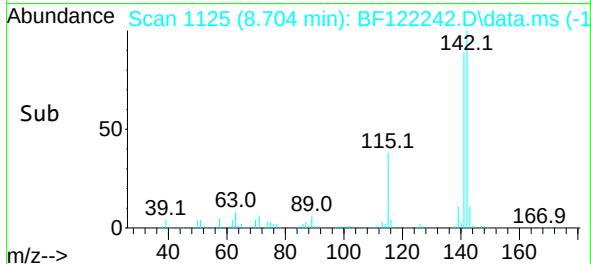
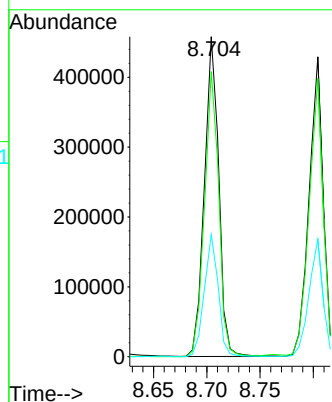
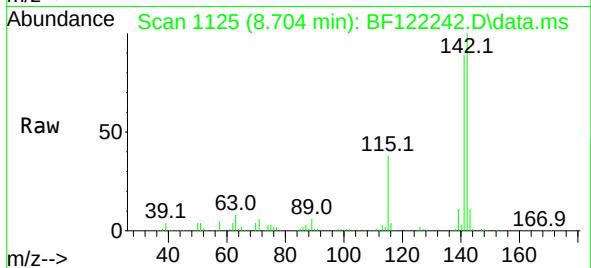




#37
2-Methylnaphthalene
Concen: 38.31 ng
RT: 8.704 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

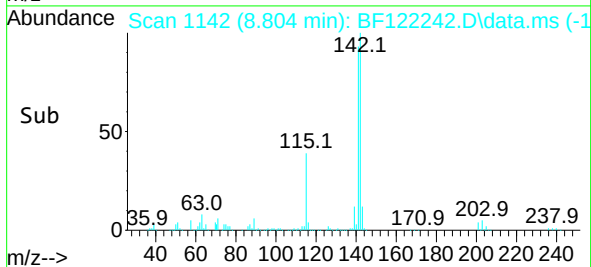
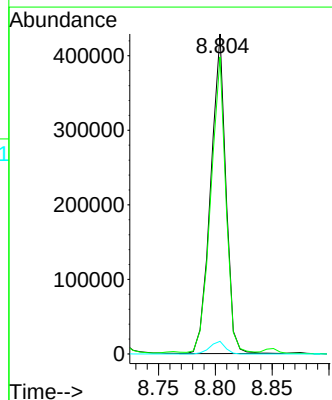
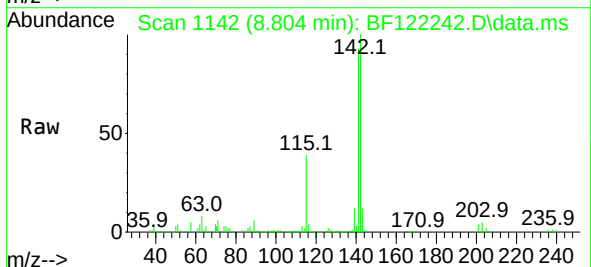
Instrument :
BNA_F
ClientSampleId :
12016MSD

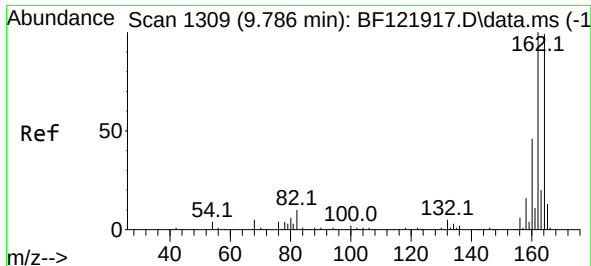
Tgt Ion:142 Resp: 429840
Ion Ratio Lower Upper
142 100
141 89.1 70.2 105.4
115 38.1 28.6 43.0



#38
1-Methylnaphthalene
Concen: 38.17 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:142 Resp: 396604
Ion Ratio Lower Upper
142 100
141 92.8 74.5 111.7
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

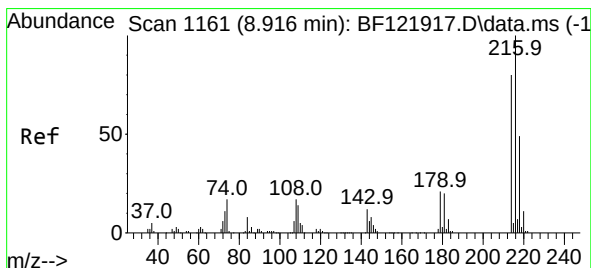
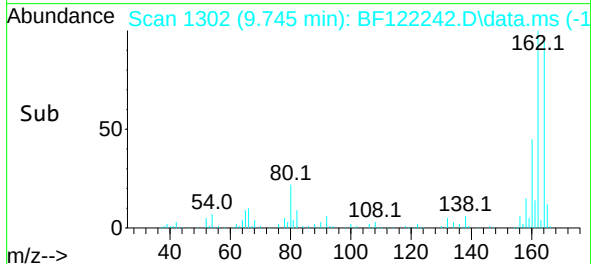
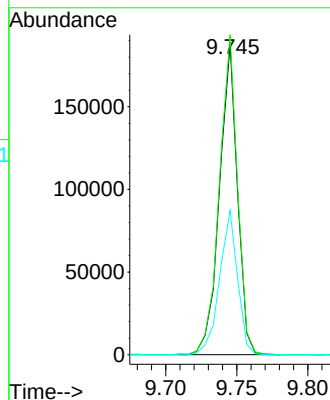
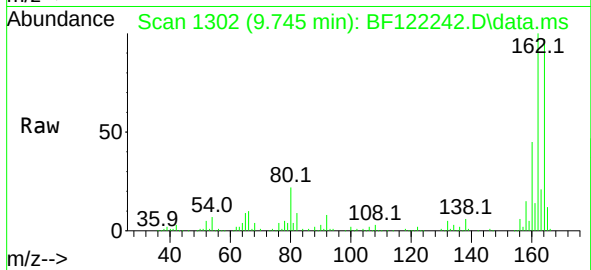
Tgt Ion:164 Resp: 164872

Ion Ratio Lower Upper

164 100

162 103.1 83.2 124.8

160 46.5 37.5 56.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.34 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

Tgt Ion:216 Resp: 203999

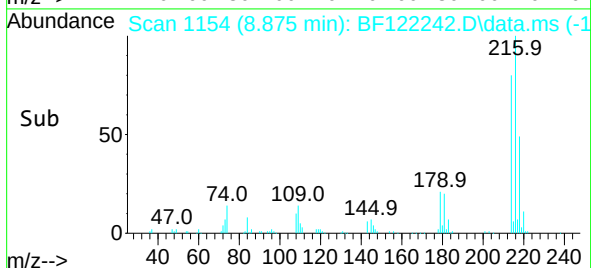
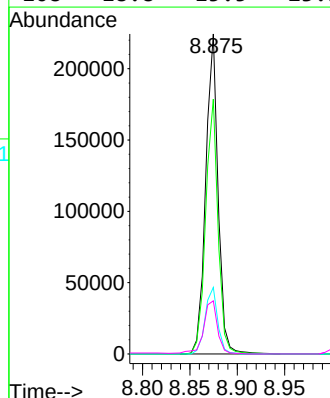
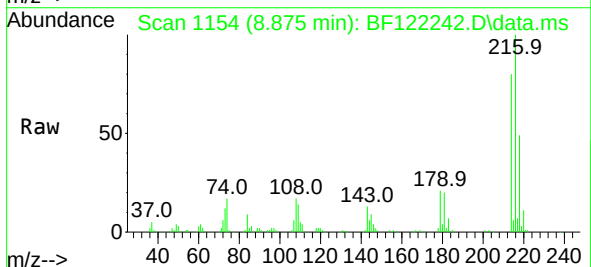
Ion Ratio Lower Upper

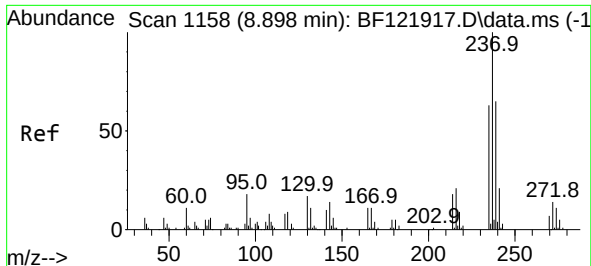
216 100

214 79.5 63.4 95.2

179 21.0 17.0 25.6

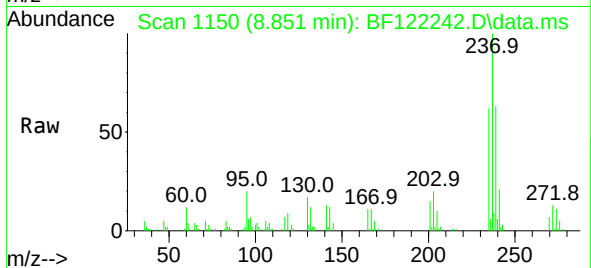
108 18.8 15.5 23.3



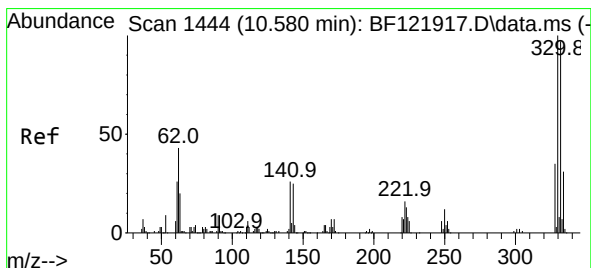
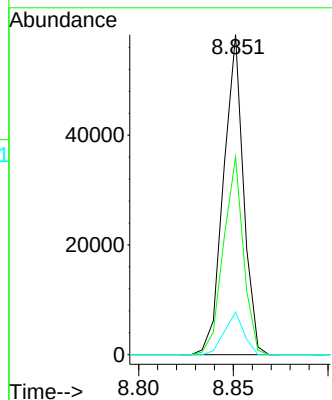
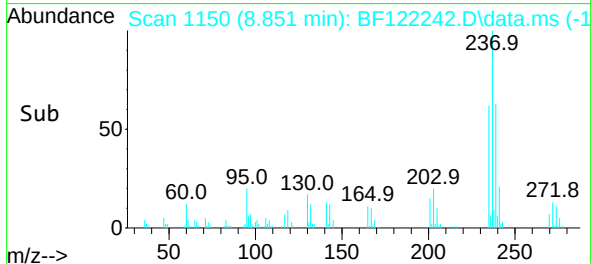


#41
Hexachlorocyclopentadiene
Concen: 39.68 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

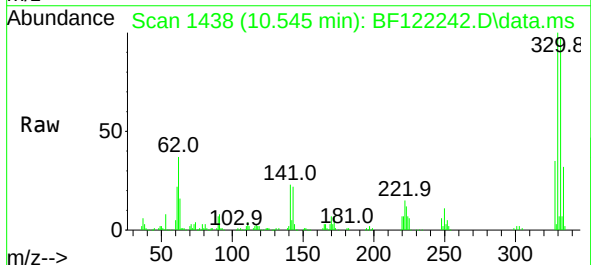
Instrument :
BNA_F
ClientSampleId :
12016MSD



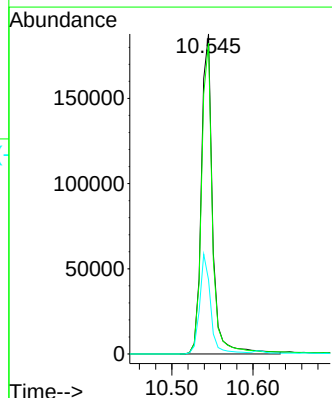
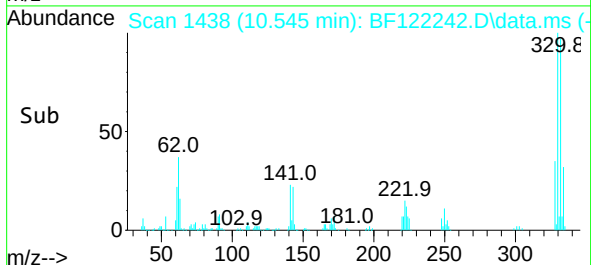
Tgt Ion:237 Resp: 42710
Ion Ratio Lower Upper
237 100
235 61.8 41.8 81.8
272 13.4 0.0 33.5

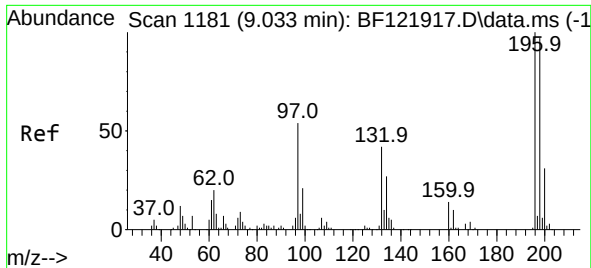


#42
2,4,6-Tribromophenol
Concen: 88.65 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01



Tgt Ion:330 Resp: 180798
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 30.5 22.3 33.5

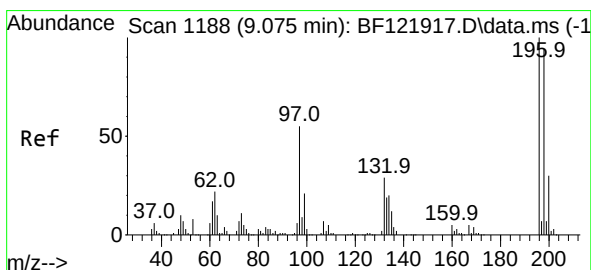
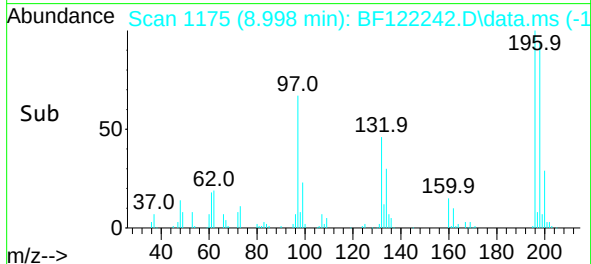
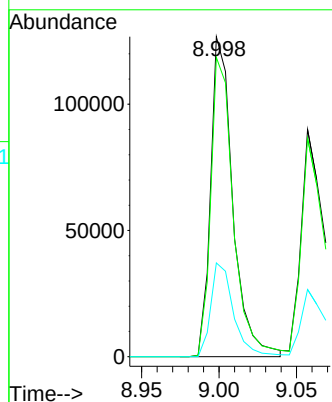
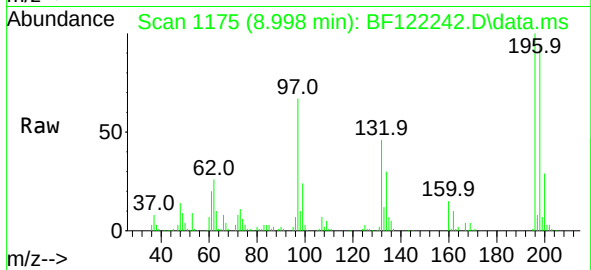




#43
2,4,6-Trichlorophenol
Concen: 38.46 ng
RT: 8.998 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

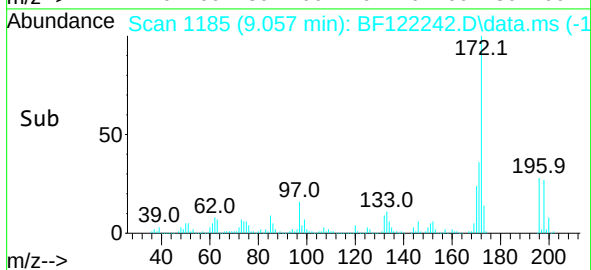
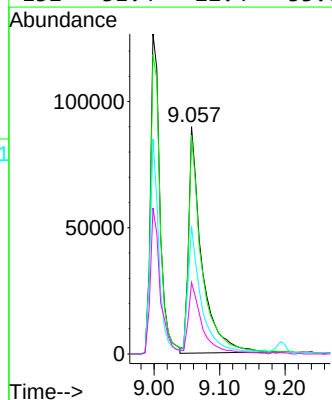
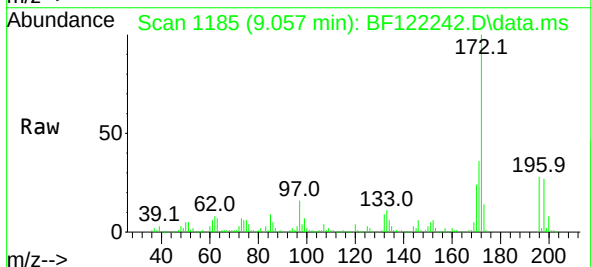
Instrument :
BNA_F
ClientSampleId :
12016MSD

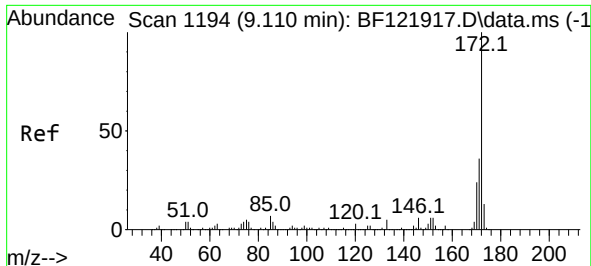
Tgt Ion:196 Resp: 126287
Ion Ratio Lower Upper
196 100
198 93.5 75.8 113.6
200 29.3 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 35.29 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.012 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:196 Resp: 125129
Ion Ratio Lower Upper
196 100
198 96.1 76.1 114.1
97 56.2 41.0 61.6
132 31.4 22.4 33.6

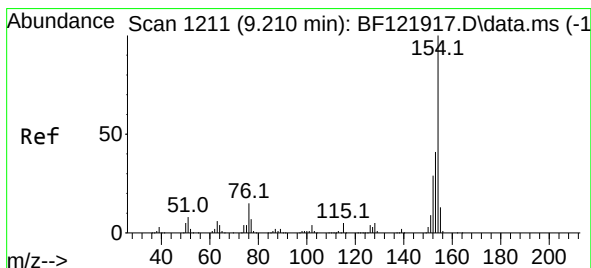
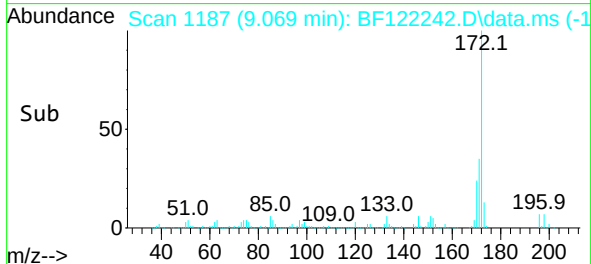
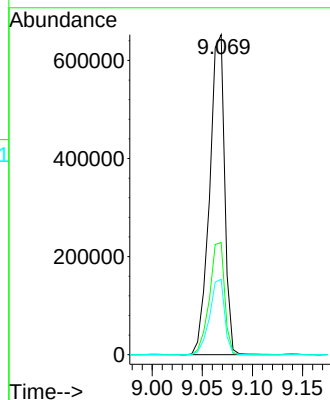
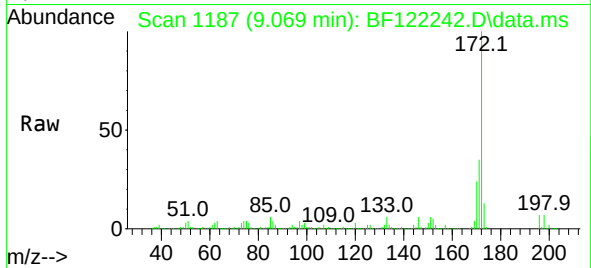




#45
2-Fluorobiphenyl
Concen: 60.91 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

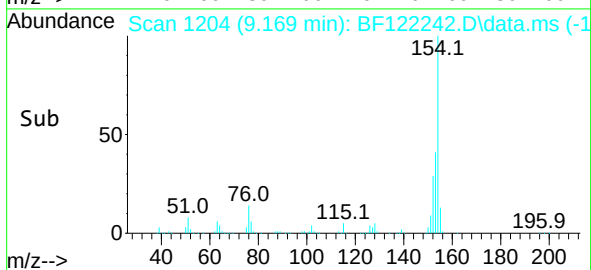
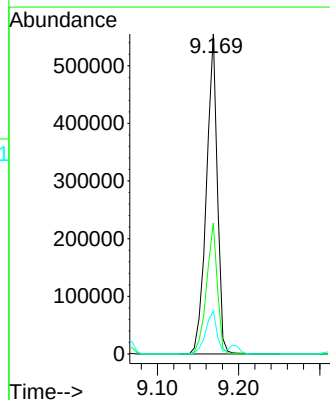
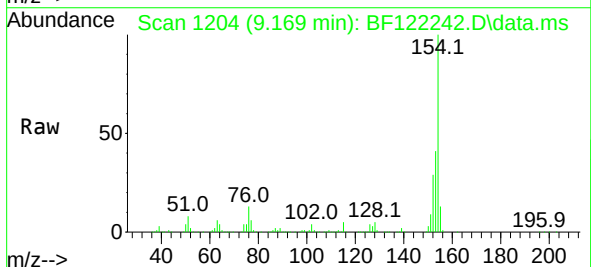
Instrument :
BNA_F
ClientSampleId :
12016MSD

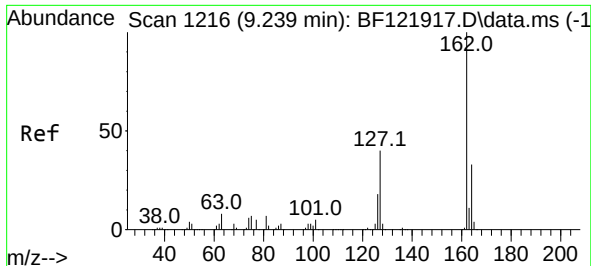
Tgt Ion:172 Resp: 682548
Ion Ratio Lower Upper
172 100
171 35.0 29.1 43.7
170 23.5 19.8 29.6



#46
1,1'-Biphenyl
Concen: 38.66 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:154 Resp: 518328
Ion Ratio Lower Upper
154 100
153 41.0 21.3 61.3
76 13.5 0.0 34.7





#47

2-Chloronaphthalene

Concen: 38.78 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

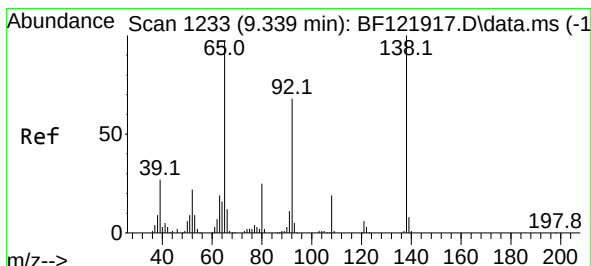
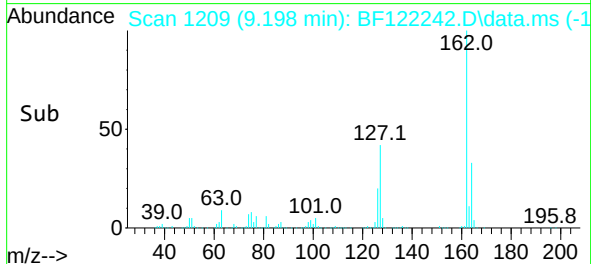
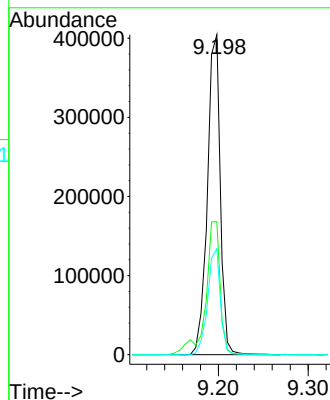
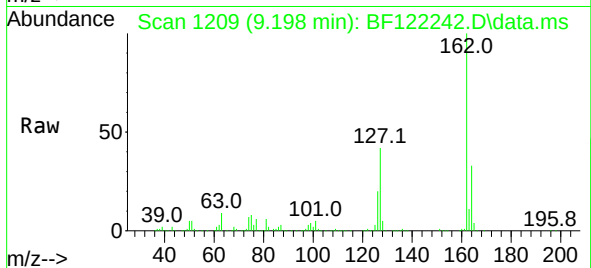
Tgt Ion:162 Resp: 404318

Ion Ratio Lower Upper

162 100

127 41.5 34.4 51.6

164 33.1 26.3 39.5



#48

2-Nitroaniline

Concen: 42.06 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

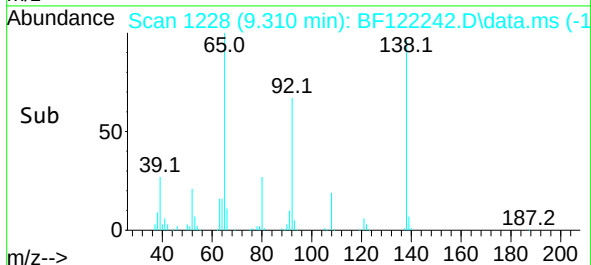
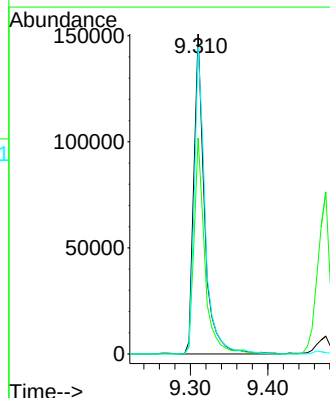
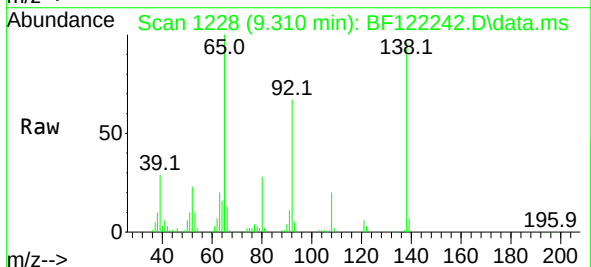
Tgt Ion: 65 Resp: 144630

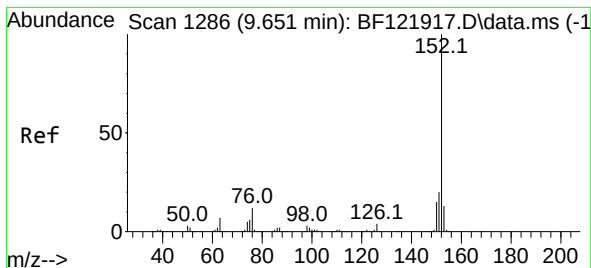
Ion Ratio Lower Upper

65 100

92 67.5 55.1 82.7

138 95.8 80.5 120.7





#49

Acenaphthylene

Concen: 38.47 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

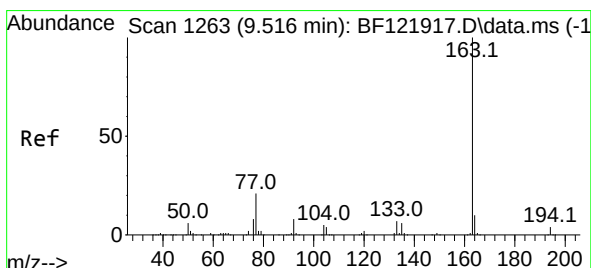
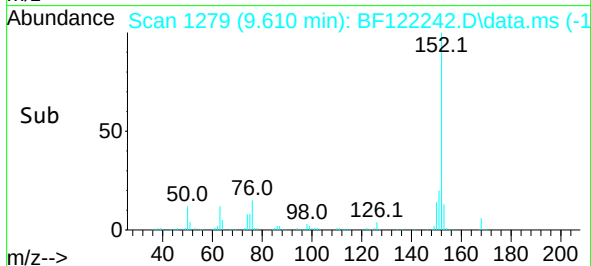
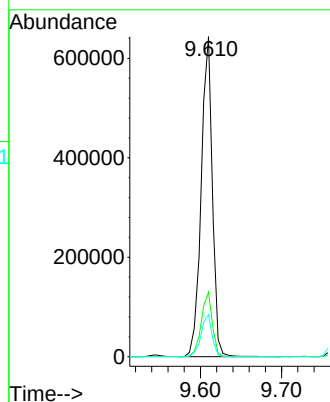
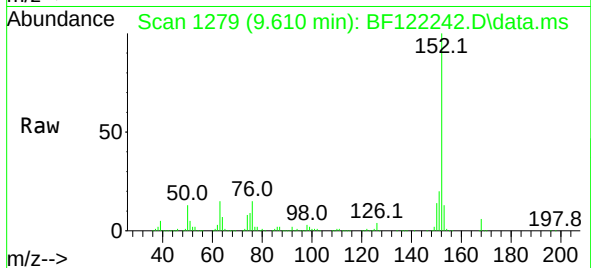
Tgt Ion:152 Resp: 615956

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 47.21 ng

RT: 9.475 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

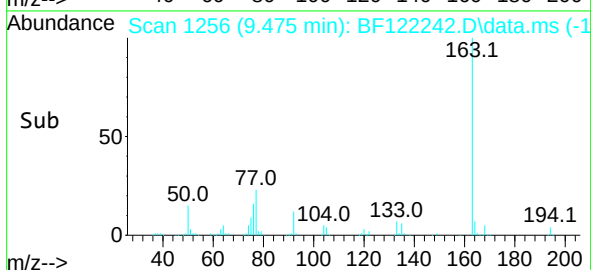
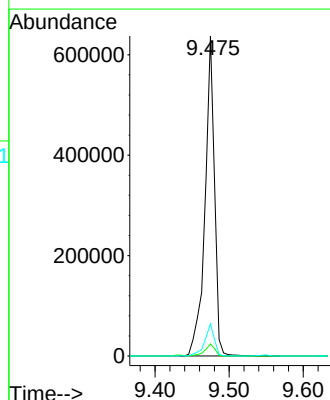
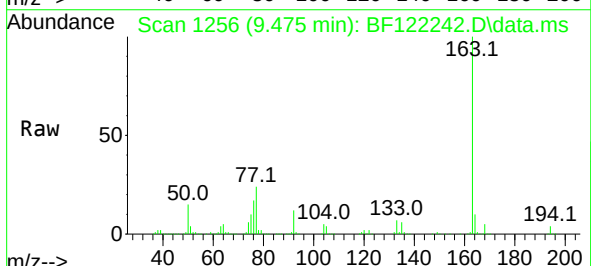
Tgt Ion:163 Resp: 569187

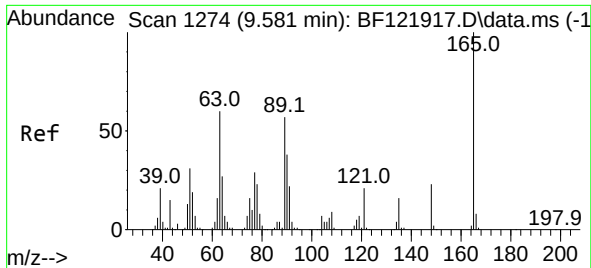
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.0 8.2 12.4

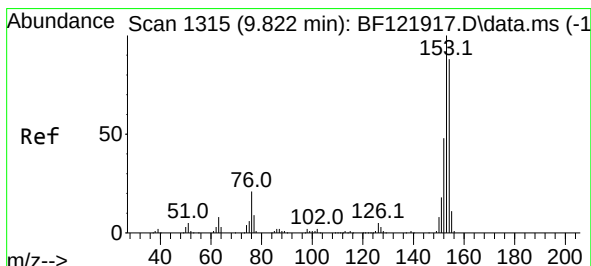
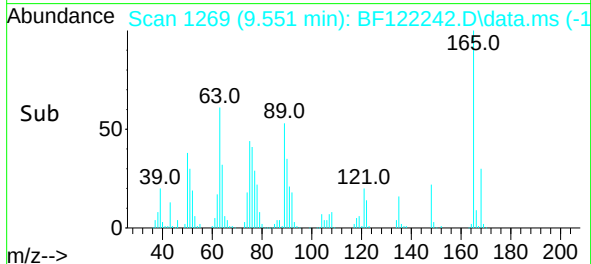
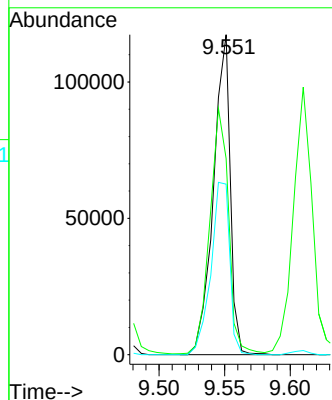
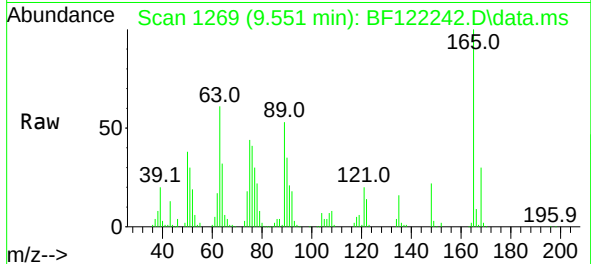




#51
2,6-Dinitrotoluene
Concen: 39.56 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

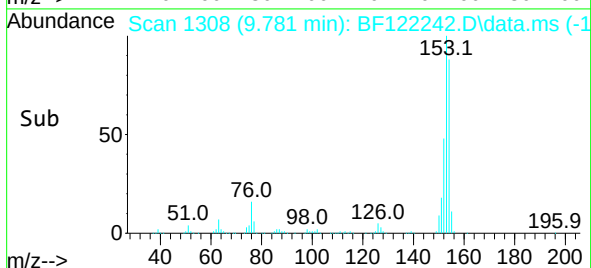
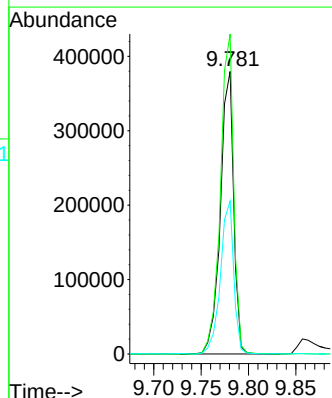
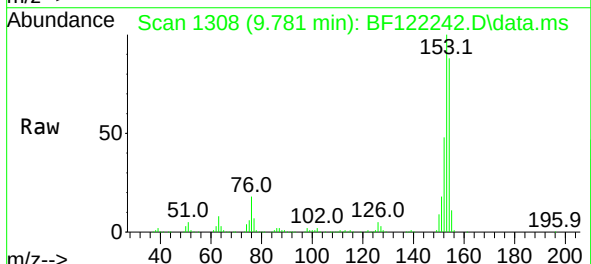
Instrument :
BNA_F
ClientSampleId :
12016MSD

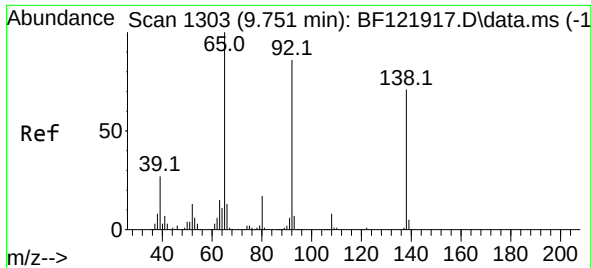
Tgt Ion:165 Resp: 104612
Ion Ratio Lower Upper
165 100
63 61.3 51.8 77.6
89 53.3 49.0 73.6



#52
Acenaphthene
Concen: 39.04 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:154 Resp: 371798
Ion Ratio Lower Upper
154 100
153 113.2 89.8 134.8
152 54.1 43.2 64.8

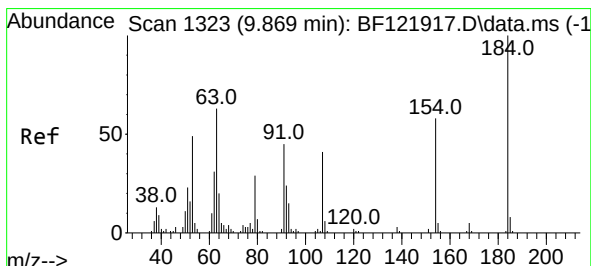
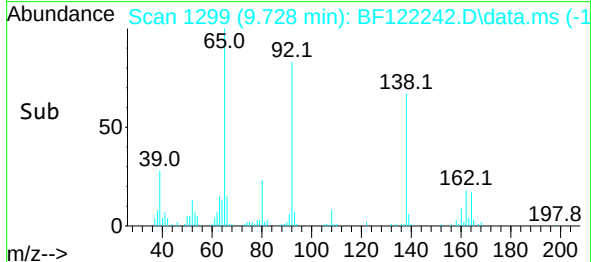
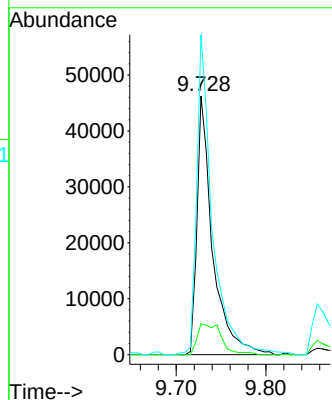
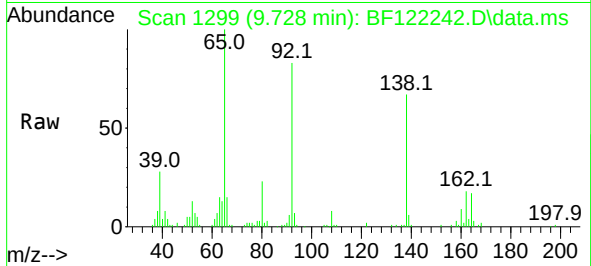




#53
3-Nitroaniline
Concen: 18.52 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

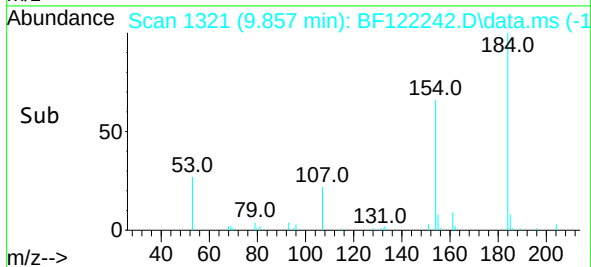
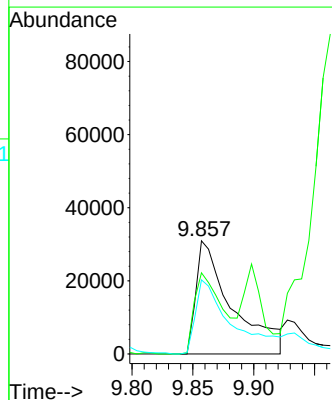
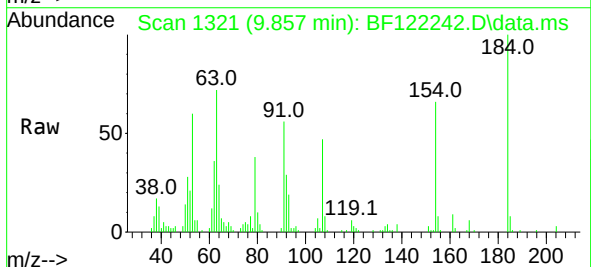
Instrument :
BNA_F
ClientSampleId :
12016MSD

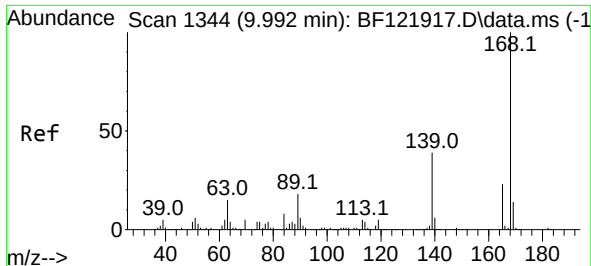
Tgt Ion:138 Resp: 55696
Ion Ratio Lower Upper
138 100
108 12.0 8.6 13.0
92 123.7 96.6 144.8



#54
2,4-Dinitrophenol
Concen: 50.79 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:184 Resp: 63736
Ion Ratio Lower Upper
184 100
63 71.8 45.9 68.9#
154 65.6 45.8 68.6

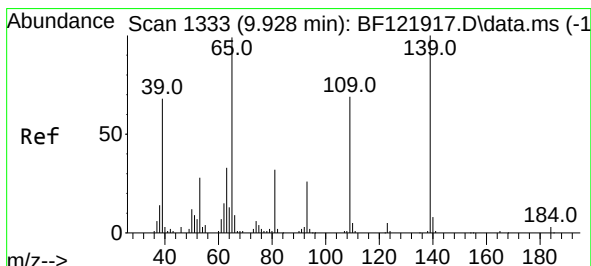
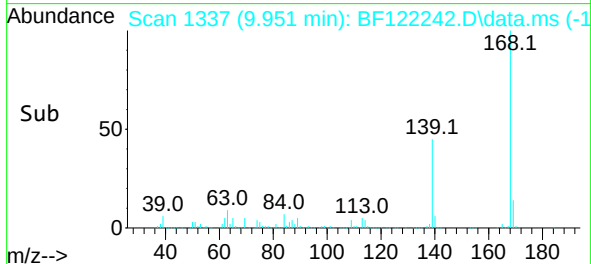
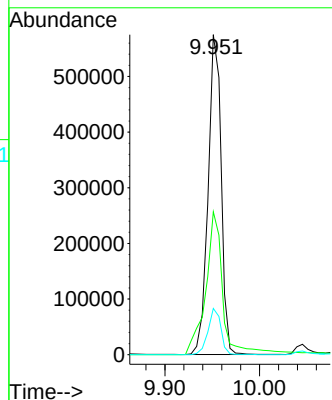
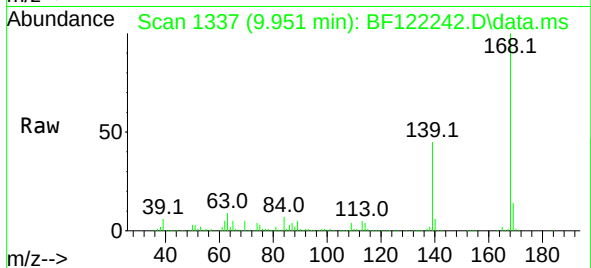




#55
Dibenzofuran
Concen: 39.46 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

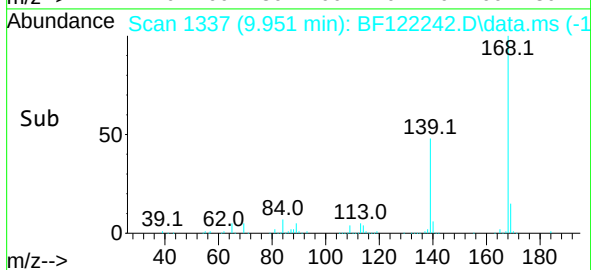
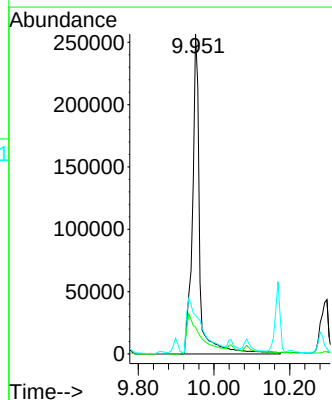
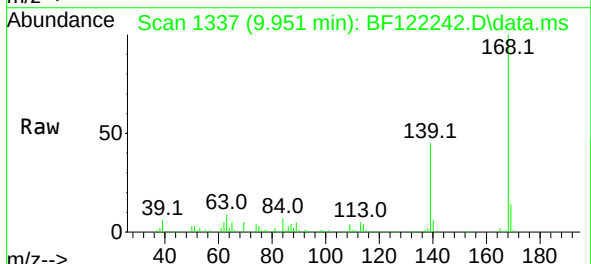
Instrument :
BNA_F
ClientSampleId :
12016MSD

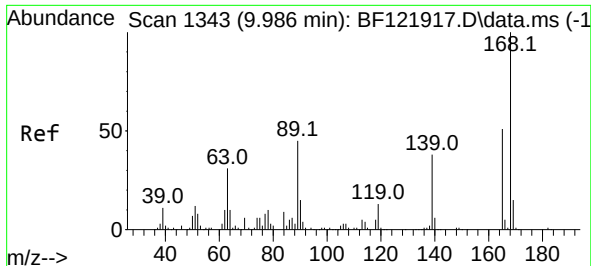
Tgt Ion:168 Resp: 549624
Ion Ratio Lower Upper
168 100
139 44.6 31.0 46.6
169 14.5 11.3 16.9



#56
4-Nitrophenol
Concen: 210.19 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.041 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

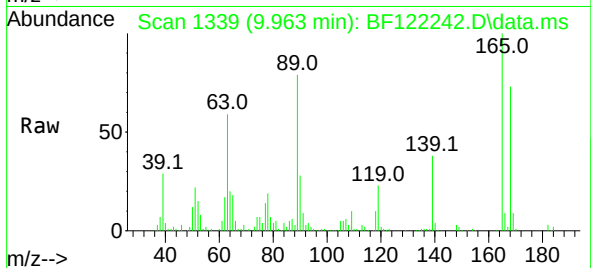
Tgt Ion:139 Resp: 343902
Ion Ratio Lower Upper
139 100
109 8.3 45.4 85.4#
65 12.2 68.4 108.4#



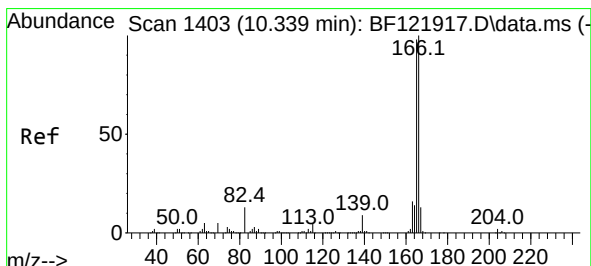
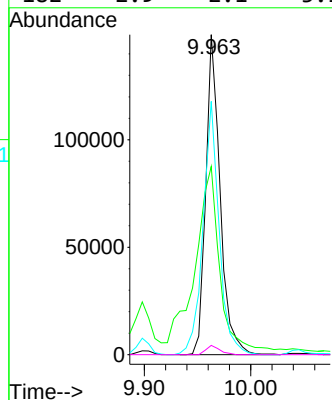
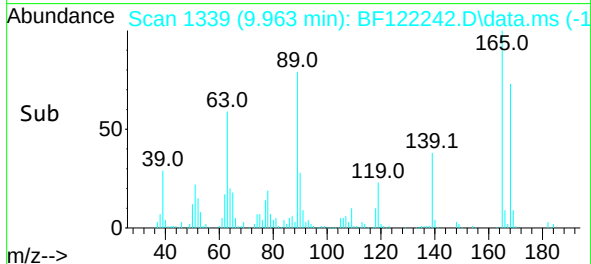


#57
2,4-Dinitrotoluene
Concen: 42.97 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

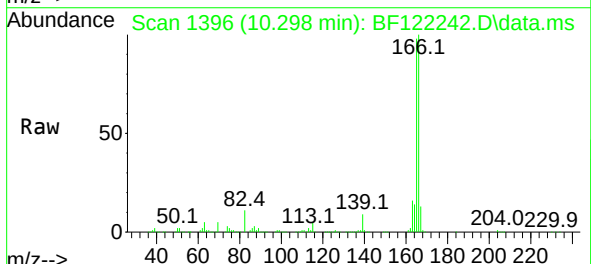
Instrument :
BNA_F
ClientSampleId :
12016MSD



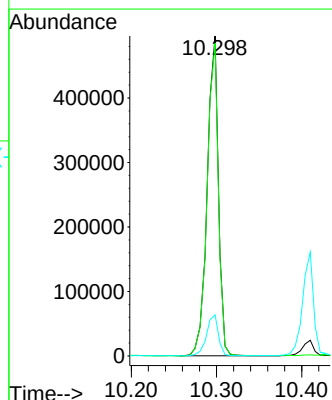
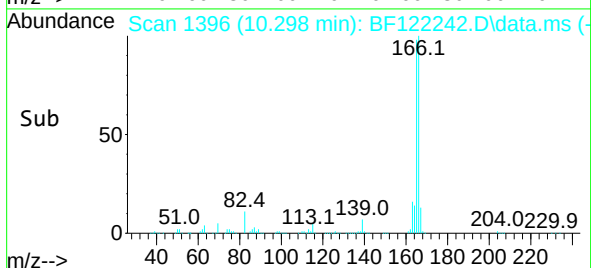
Tgt Ion:165 Resp: 139891
Ion Ratio Lower Upper
165 100
63 58.8 41.3 61.9
89 79.2 61.8 92.8
182 2.9 2.1 3.1

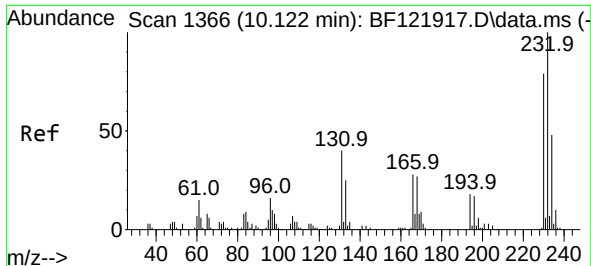


#58
Fluorene
Concen: 40.34 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01



Tgt Ion:166 Resp: 452699
Ion Ratio Lower Upper
166 100
165 97.8 79.1 118.7
167 12.9 11.0 16.6

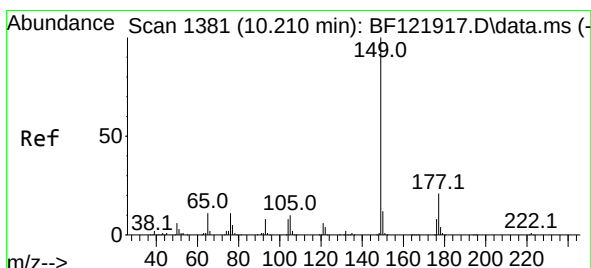
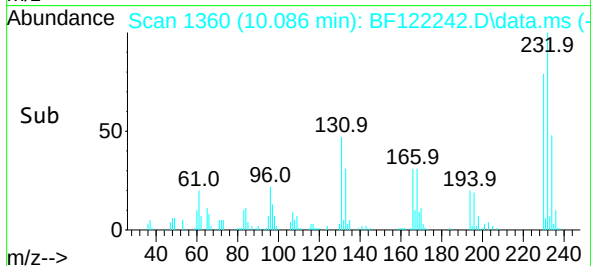
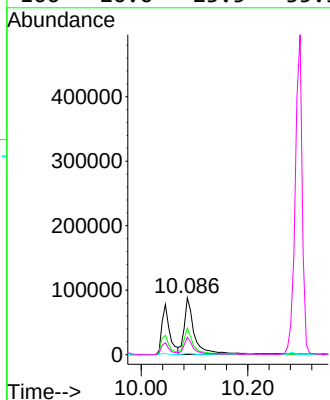
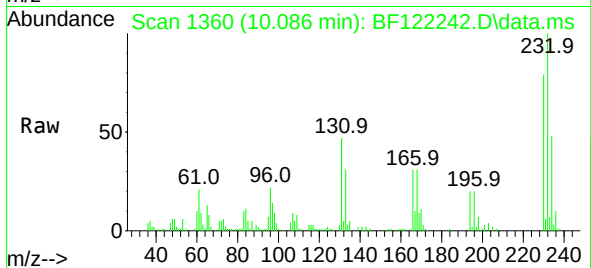




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.78 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

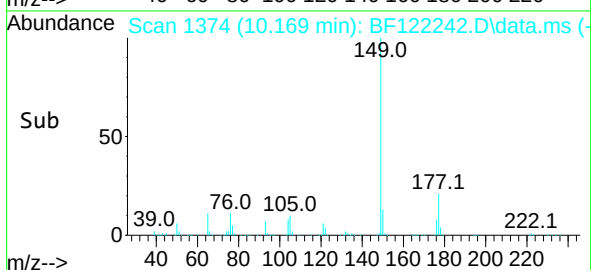
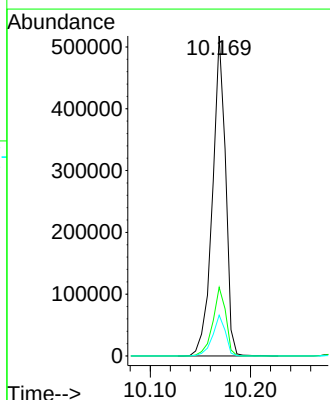
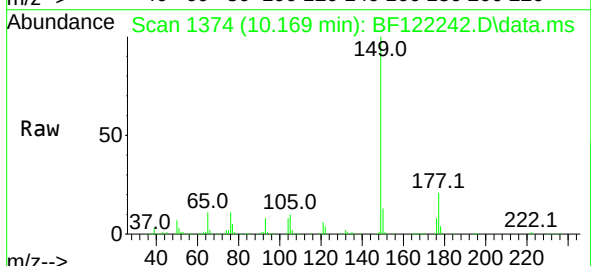
Instrument :
BNA_F
ClientSampleId :
12016MSD

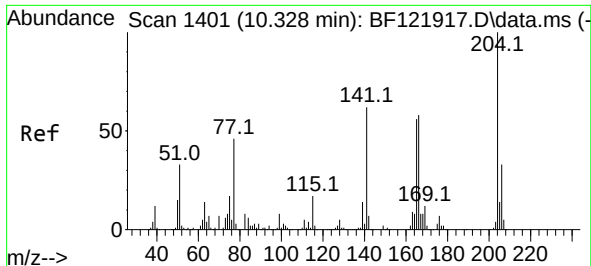
Tgt Ion:232 Resp: 114622
Ion Ratio Lower Upper
232 100
131 40.2 35.9 53.9
130 2.3 1.8 2.6
166 26.6 23.5 35.3



#60
Diethylphthalate
Concen: 40.31 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:149 Resp: 468668
Ion Ratio Lower Upper
149 100
177 21.4 18.1 27.1
150 12.8 10.3 15.5

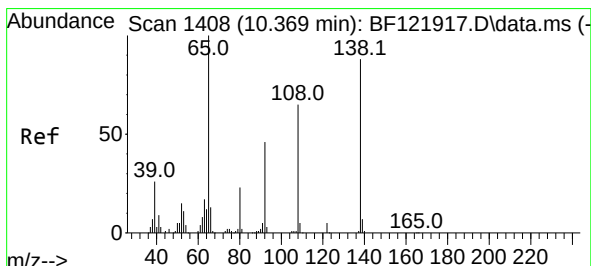
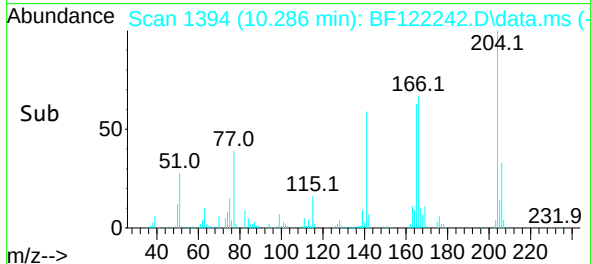
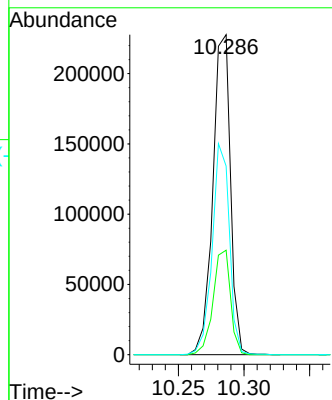
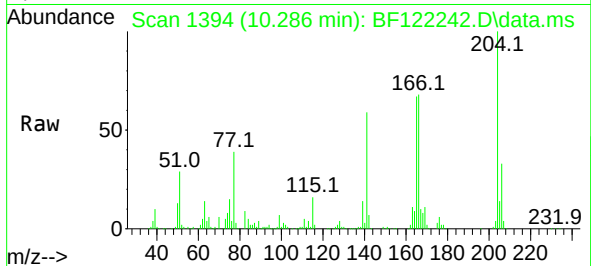




#61
4-Chlorophenyl-phenylether
Concen: 39.66 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

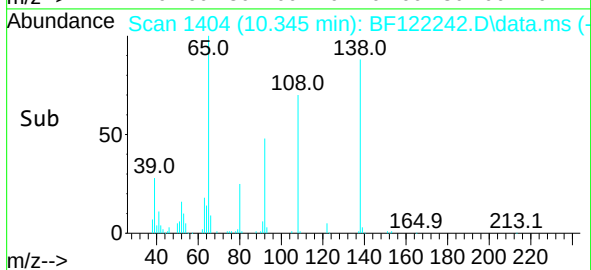
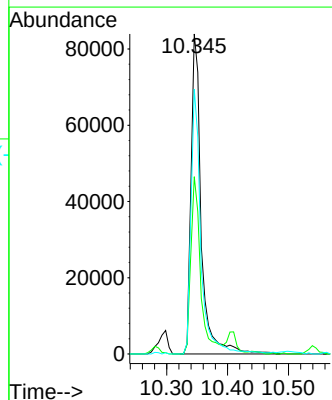
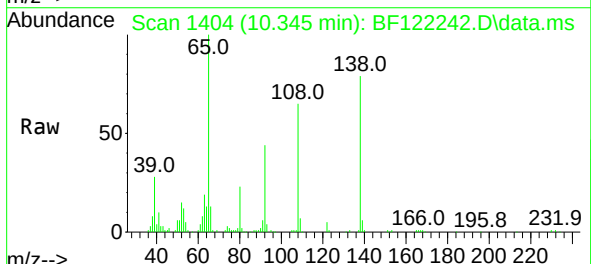
Instrument :
BNA_F
ClientSampleId :
12016MSD

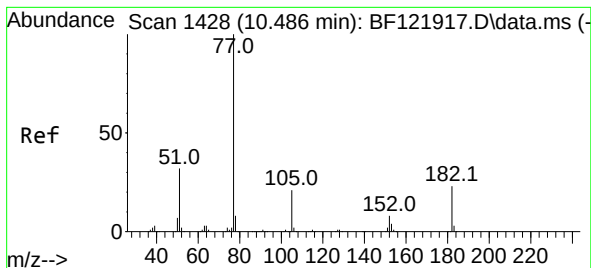
Tgt Ion:204 Resp: 213420
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 58.9 46.2 69.4



#62
4-Nitroaniline
Concen: 32.62 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:138 Resp: 98025
Ion Ratio Lower Upper
138 100
92 55.4 31.0 71.0
108 82.8 51.5 91.5



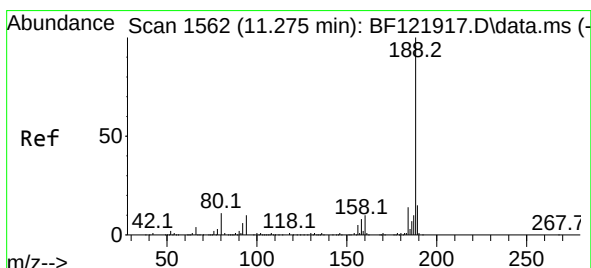
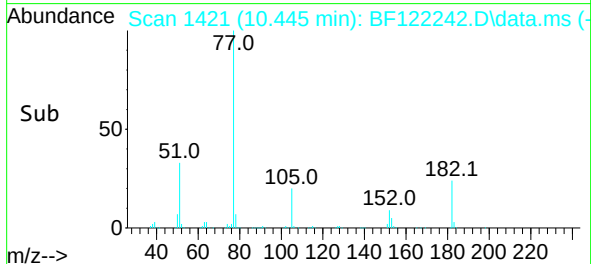
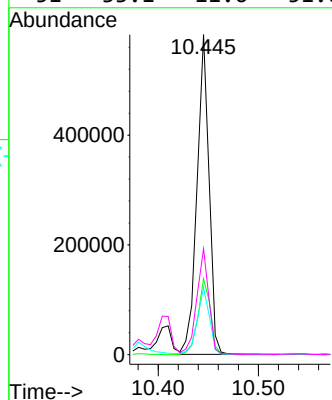
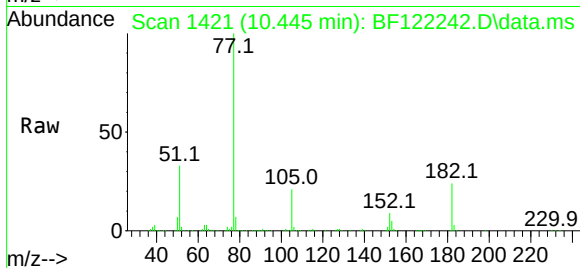


#63
Azobenzene
Concen: 39.49 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Instrument :
BNA_F
ClientSampleId :
12016MSD

Tgt Ion: 77 Resp: 485479

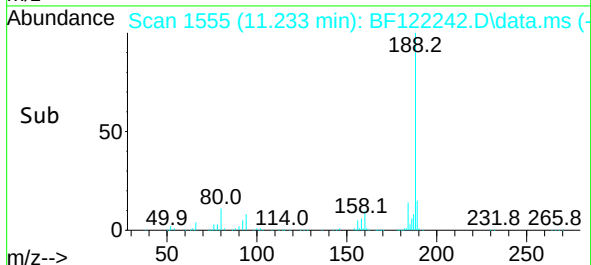
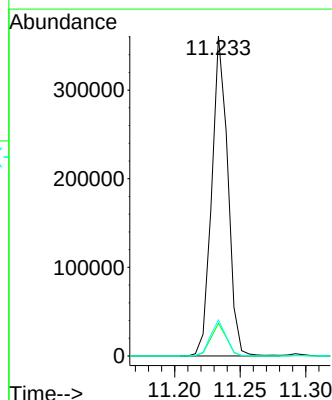
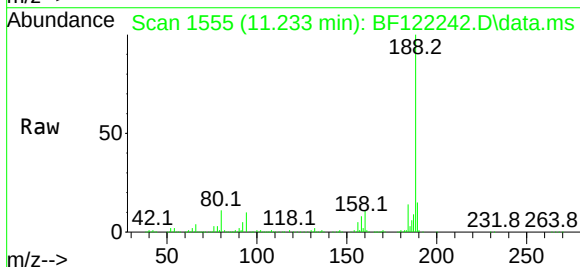
Ion	Ratio	Lower	Upper
77	100		
182	23.7	3.4	43.4
105	20.9	1.7	41.7
51	33.1	11.6	51.6

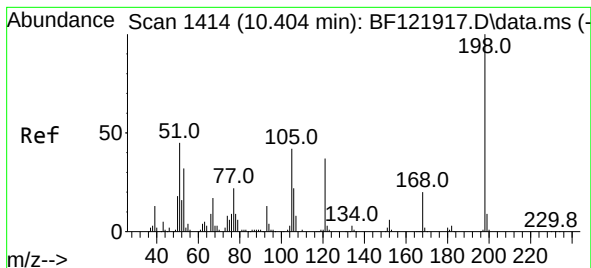


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion: 188 Resp: 307739

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.3	12.5
80	11.2	9.1	13.7

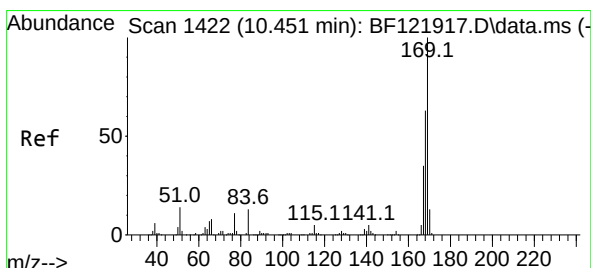
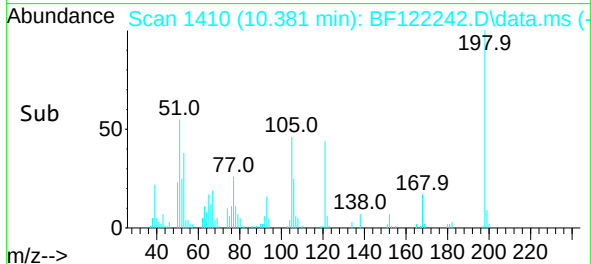
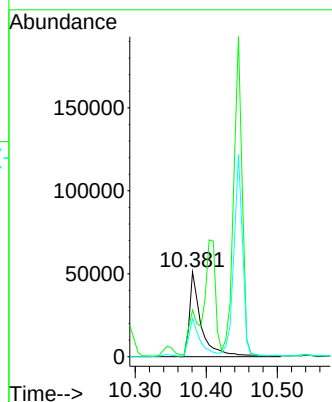
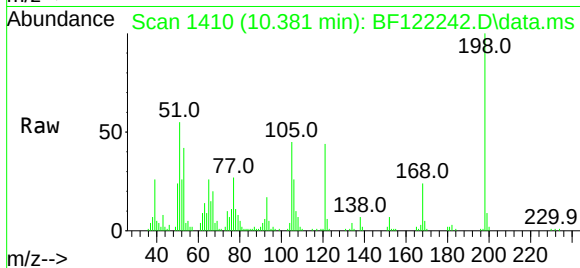




#65
4,6-Dinitro-2-methylphenol
Concen: 30.38 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

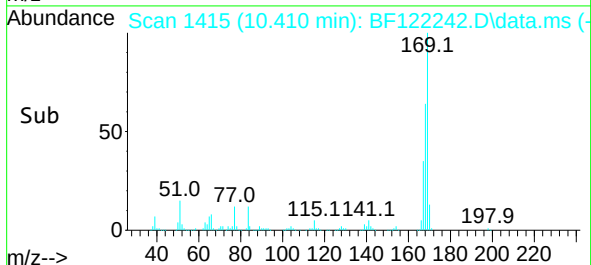
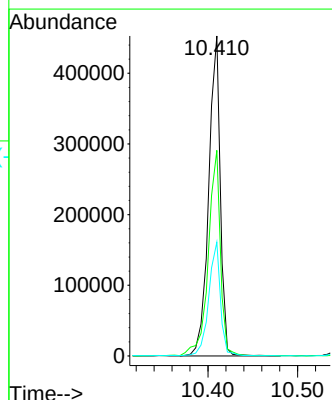
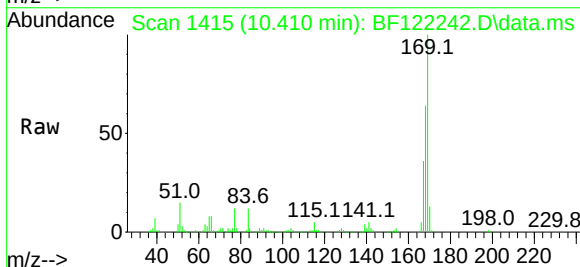
Instrument :
BNA_F
ClientSampleId :
12016MSD

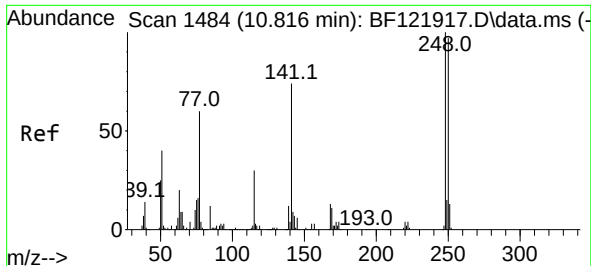
Tgt Ion:198 Resp: 58940
Ion Ratio Lower Upper
198 100
51 54.9 29.6 69.6
105 45.2 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 38.50 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:169 Resp: 408132
Ion Ratio Lower Upper
169 100
168 64.2 50.0 75.0
167 35.6 27.8 41.6

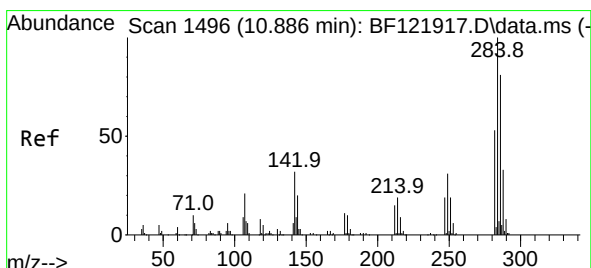
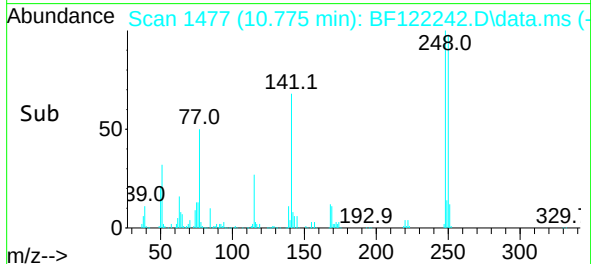
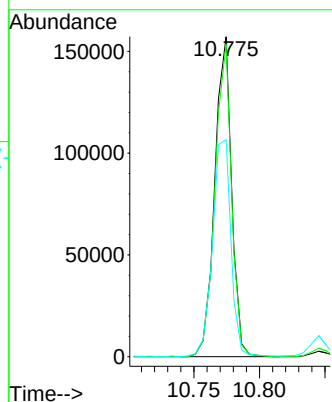
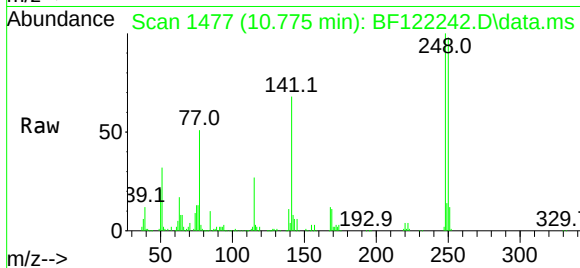




#67
4-Bromophenyl-phenylether
Concen: 39.40 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

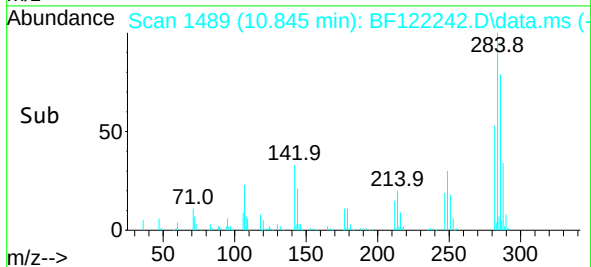
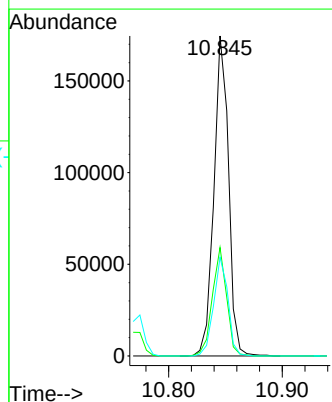
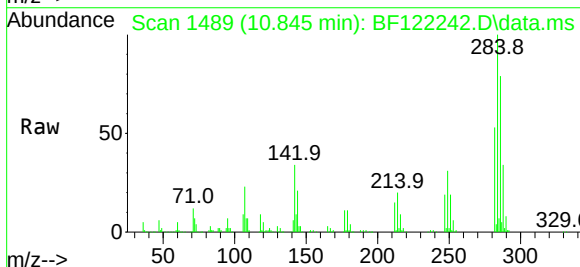
Instrument :
BNA_F
ClientSampleId :
12016MSD

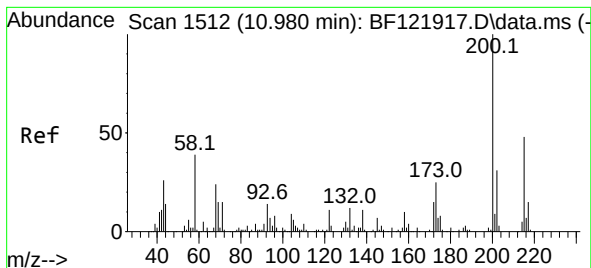
Tgt Ion:248 Resp: 140073
Ion Ratio Lower Upper
248 100
250 97.6 77.0 115.6
141 67.8 53.7 80.5



#68
Hexachlorobenzene
Concen: 38.79 ng
RT: 10.845 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:284 Resp: 156099
Ion Ratio Lower Upper
284 100
142 33.9 27.4 41.2
249 30.9 24.2 36.4





#69

Atrazine

Concen: 43.09 ng

RT: 10.939 min Scan# 1505

Delta R.T. 0.000 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

Tgt Ion:200 Resp: 111701

Ion Ratio Lower Upper

200 100

173 26.7 7.5 47.5

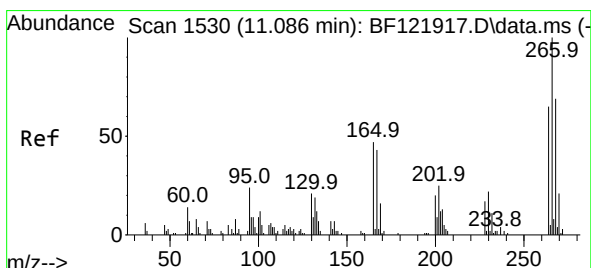
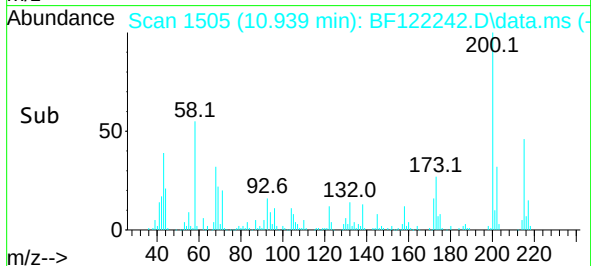
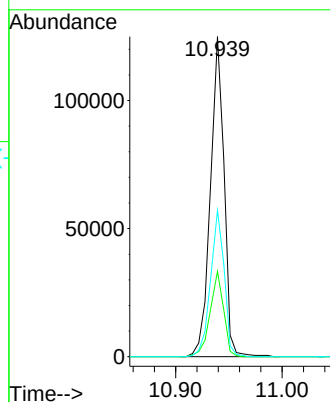
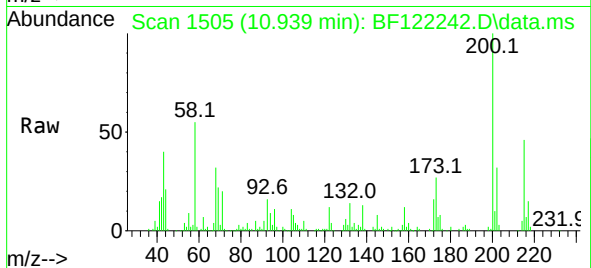
215 45.8 27.1 67.1

Instrument :

BNA_F

ClientSampleId :

12016MSD



#70

Pentachlorophenol

Concen: 57.48 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

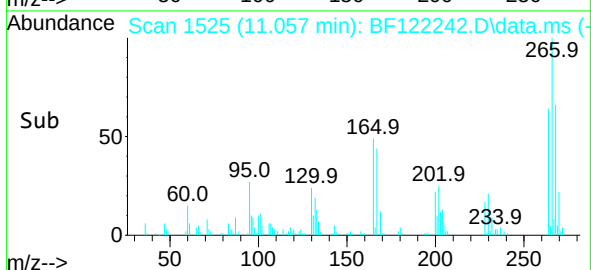
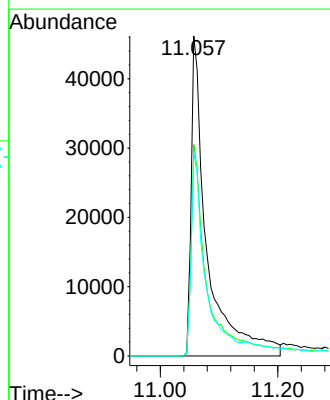
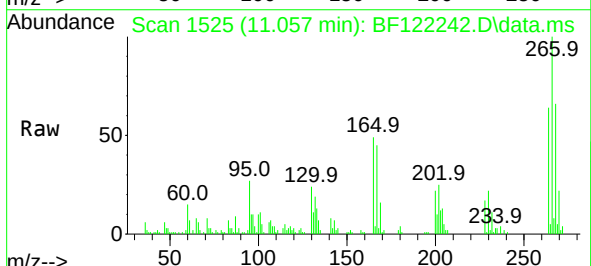
Tgt Ion:266 Resp: 87025

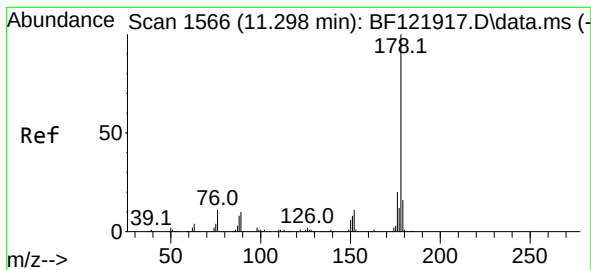
Ion Ratio Lower Upper

266 100

268 66.1 52.4 78.6

264 63.7 49.9 74.9

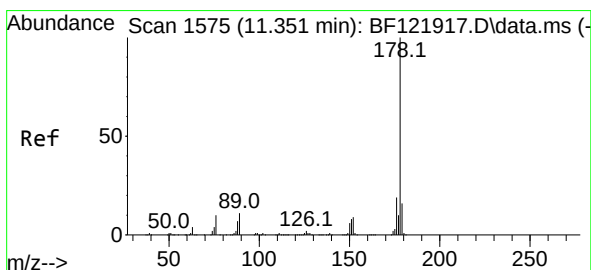
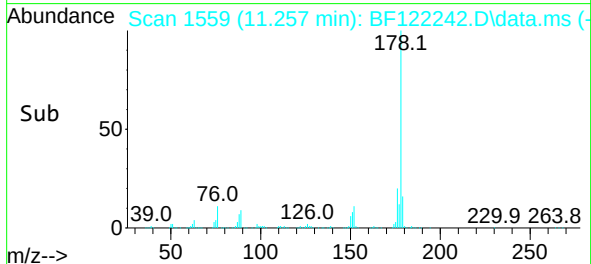
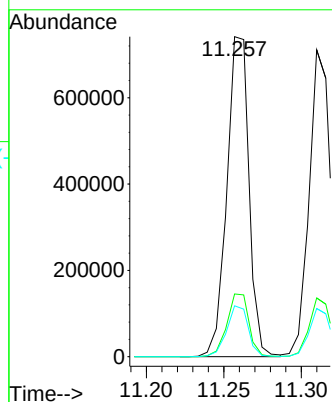
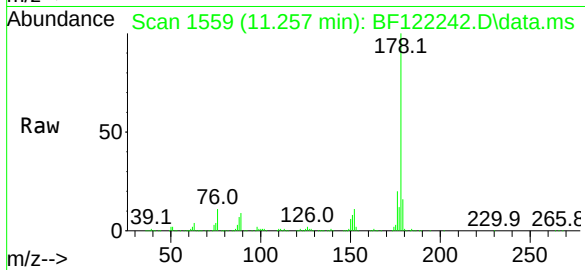




#71
Phenanthrene
Concen: 43.66 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

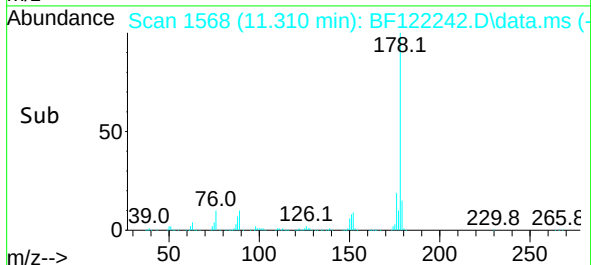
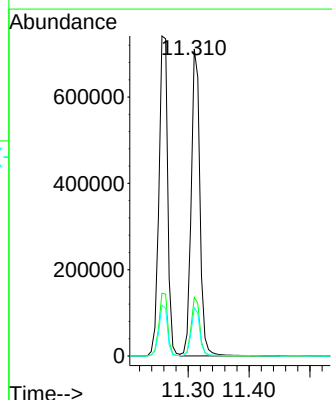
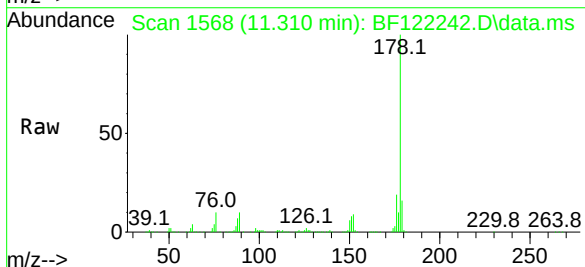
Instrument :
BNA_F
ClientSampleId :
12016MSD

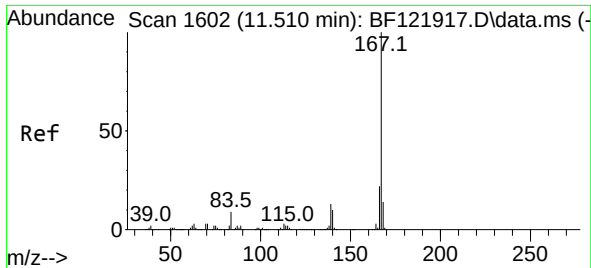
Tgt Ion:178 Resp: 736627
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.9 12.2 18.4



#72
Anthracene
Concen: 40.07 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:178 Resp: 701340
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.7 12.7 19.1

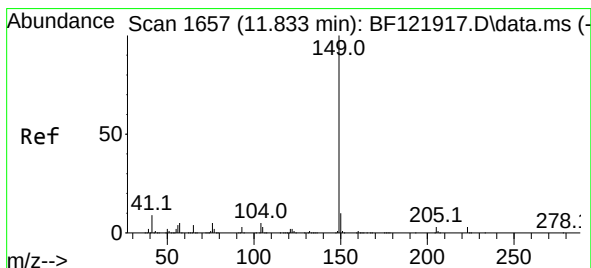
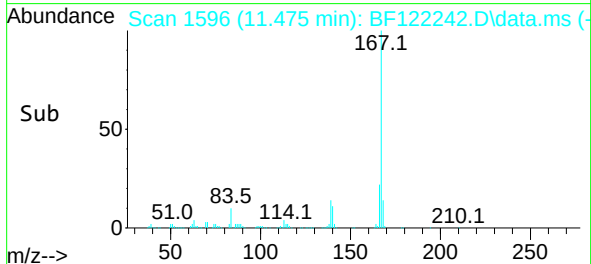
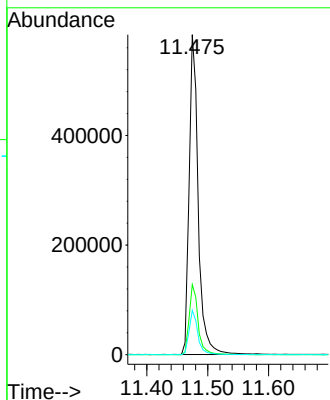
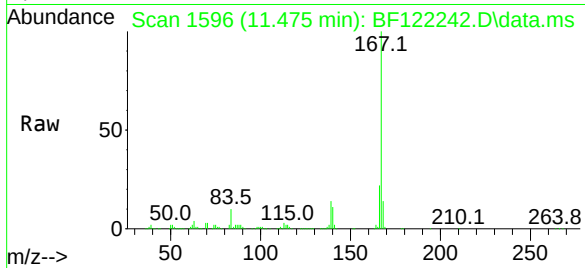




#73
 Carbazole
 Concen: 38.80 ng
 RT: 11.475 min Scan# 1596
 Delta R.T. -0.000 min
 Lab File: BF122242.D
 Acq: 3 Nov 2020 16:01

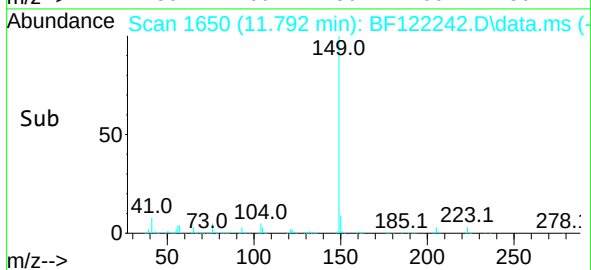
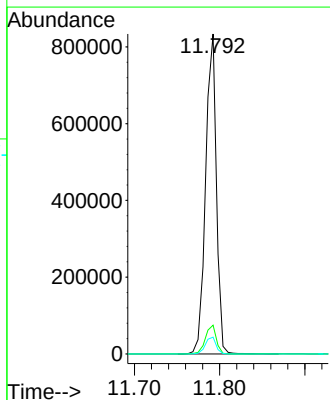
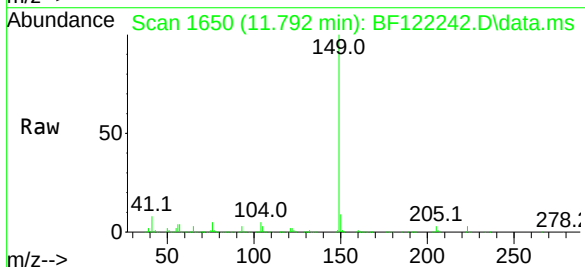
Instrument :
 BNA_F
 ClientSampleId :
 12016MSD

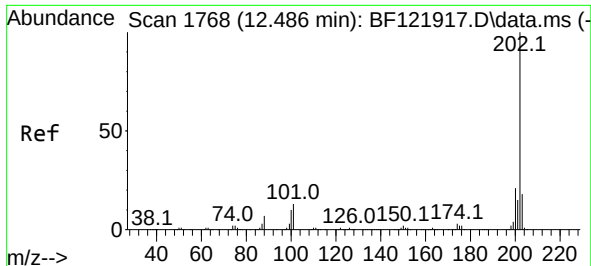
Tgt Ion:167 Resp: 603704
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.8 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 40.78 ng
 RT: 11.792 min Scan# 1650
 Delta R.T. 0.000 min
 Lab File: BF122242.D
 Acq: 3 Nov 2020 16:01

Tgt Ion:149 Resp: 729996
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.2 4.2 6.2

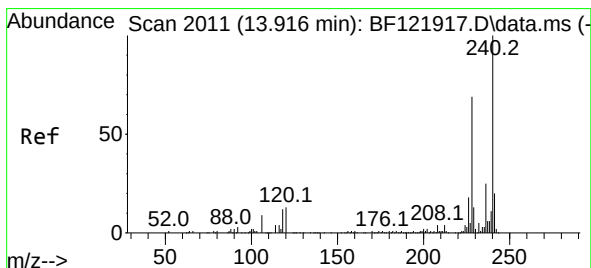
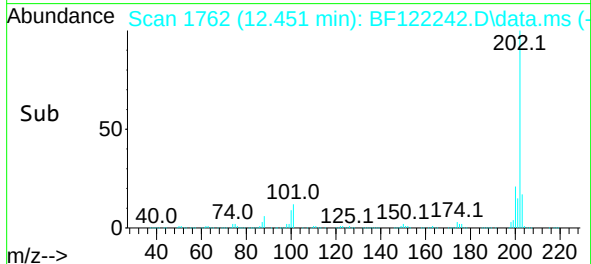
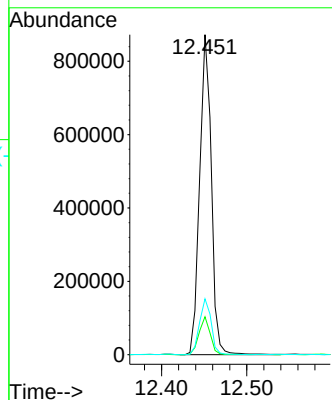
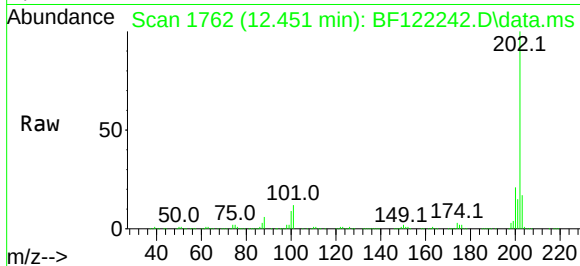




#75
Fluoranthene
Concen: 45.89 ng
RT: 12.451 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

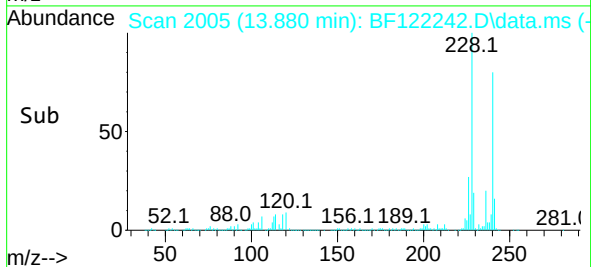
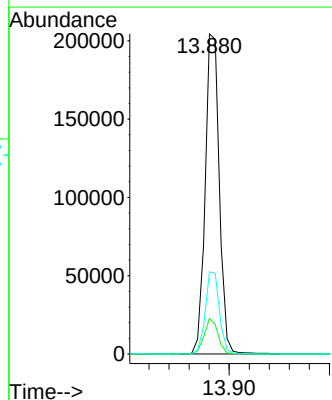
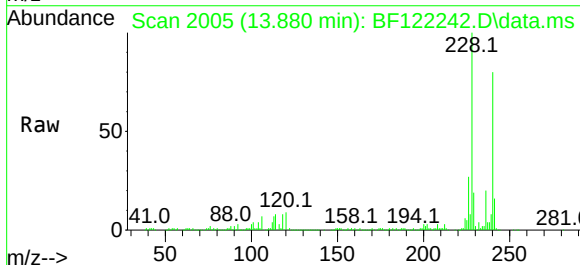
Instrument :
BNA_F
ClientSampleId :
12016MSD

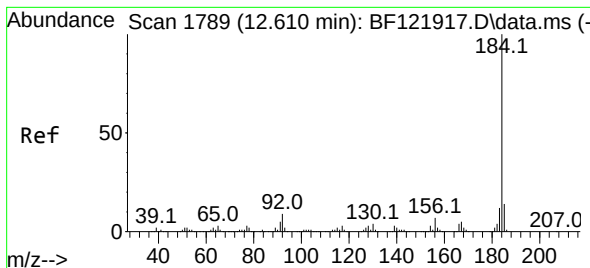
Tgt Ion:202 Resp: 830219
Ion Ratio Lower Upper
202 100
101 11.8 0.0 33.4
203 17.5 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:240 Resp: 200753
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 25.7 20.9 31.3





#77

Benzidine

Concen: 29.26 ng

RT: 12.586 min Scan# 1785

Delta R.T. 0.012 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

Instrument :

BNA_F

ClientSampleId :

12016MSD

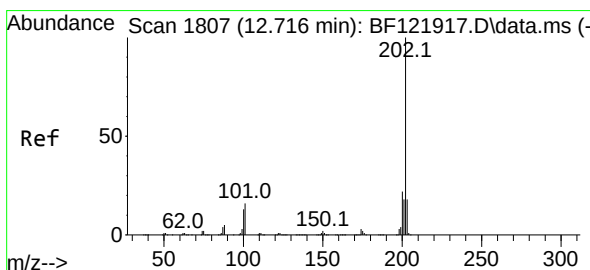
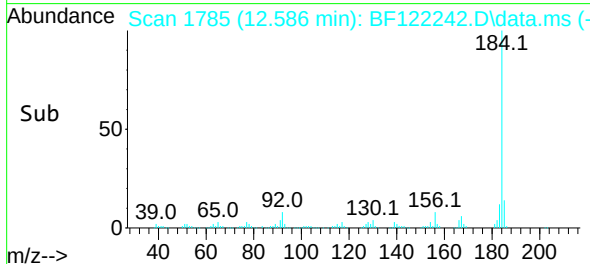
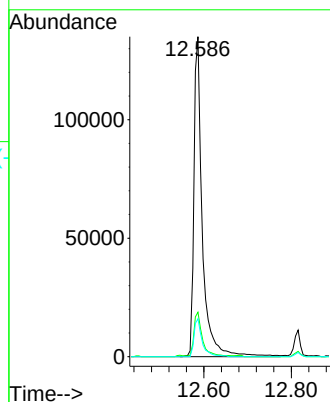
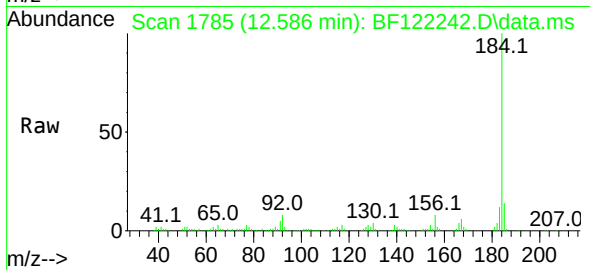
Tgt Ion:184 Resp: 181095

Ion Ratio Lower Upper

184 100

185 13.9 11.6 17.4

183 11.9 9.4 14.0



#78

Pyrene

Concen: 51.88 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

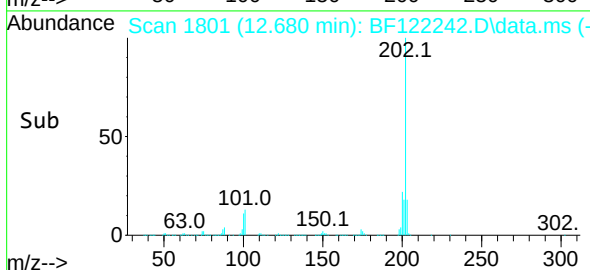
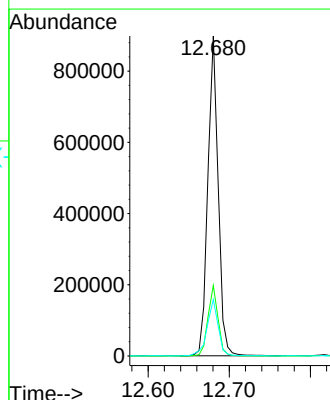
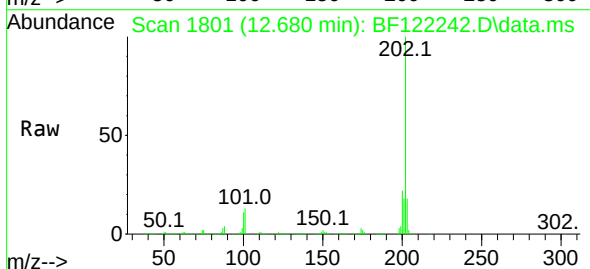
Tgt Ion:202 Resp: 793637

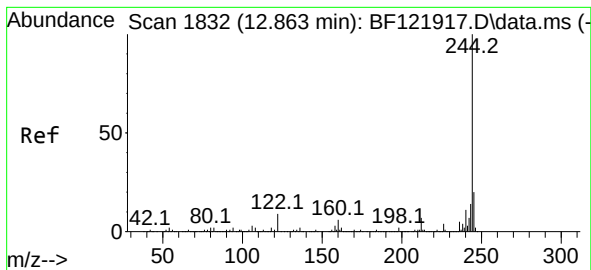
Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

203 17.7 14.6 21.8





#79

Terphenyl-d14

Concen: 63.26 ng

RT: 12.816 min Scan# 1824

Delta R.T. 0.000 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

Instrument :

BNA_F

ClientSampleId :

12016MSD

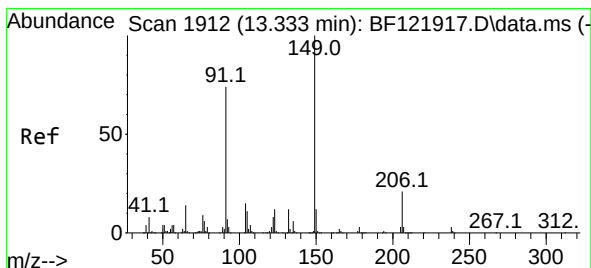
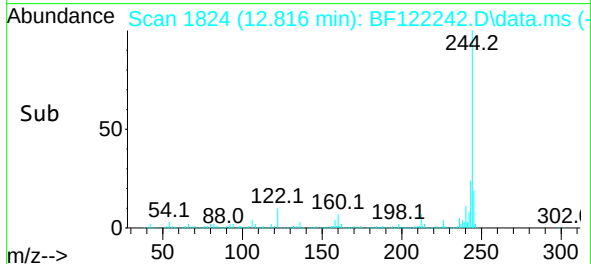
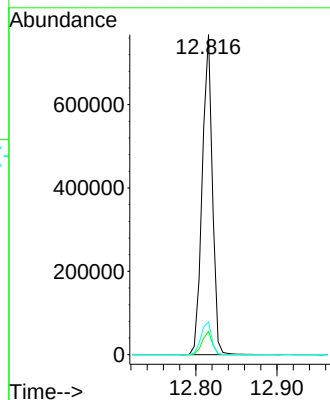
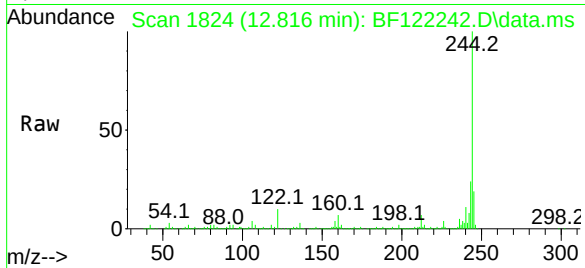
Tgt Ion:244 Resp: 666373

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 10.2 8.1 12.1



#80

Butylbenzylphthalate

Concen: 45.16 ng

RT: 13.286 min Scan# 1904

Delta R.T. -0.006 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

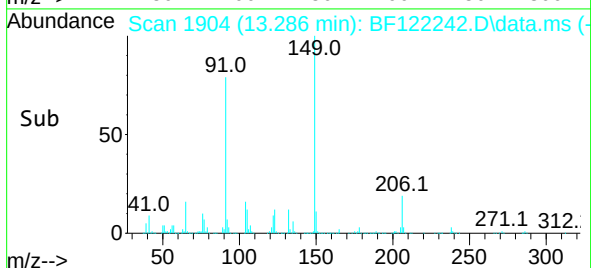
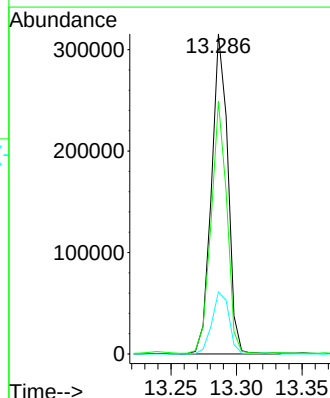
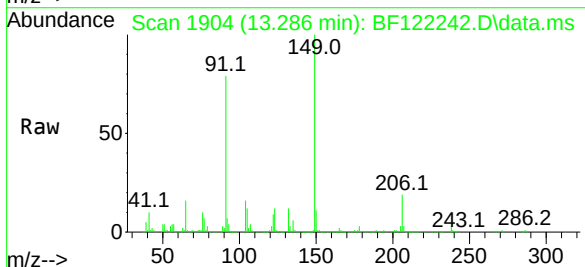
Tgt Ion:149 Resp: 274003

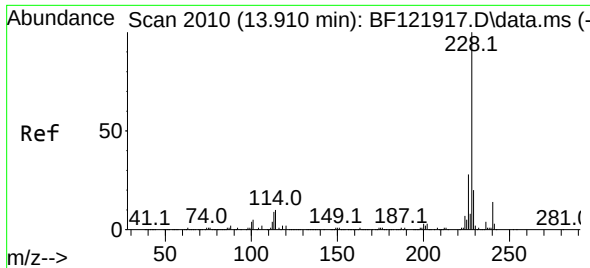
Ion Ratio Lower Upper

149 100

91 78.9 61.0 91.4

206 19.4 16.7 25.1

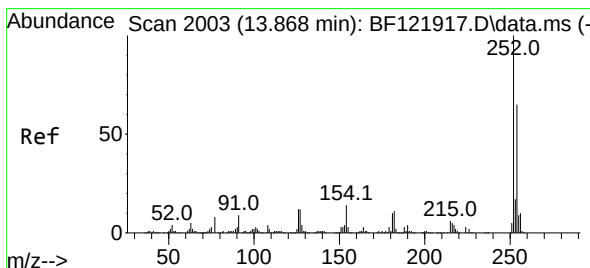
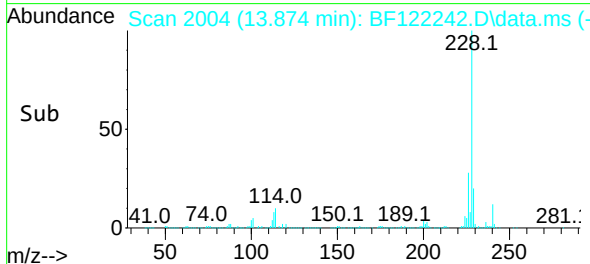
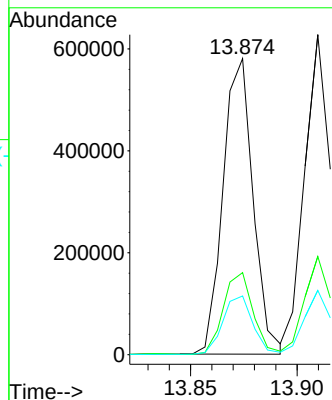
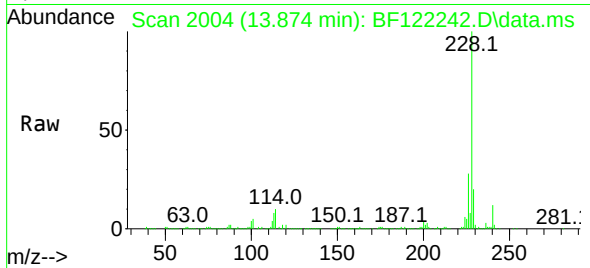




#81
Benzo(a)anthracene
Concen: 43.25 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

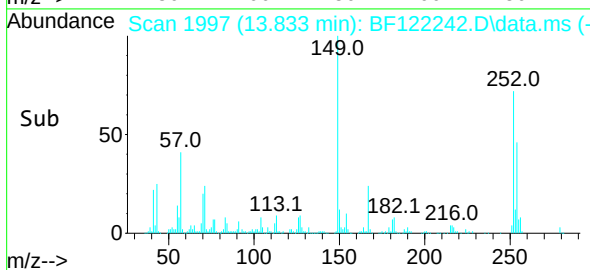
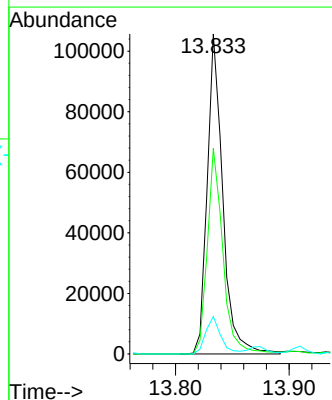
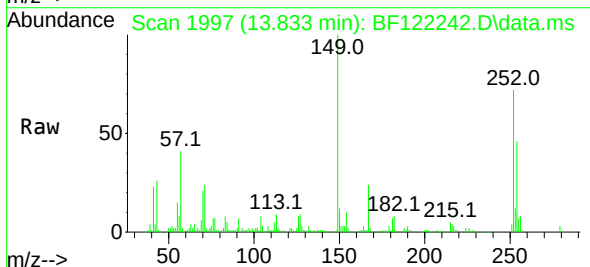
Instrument :
BNA_F
ClientSampleId :
12016MSD

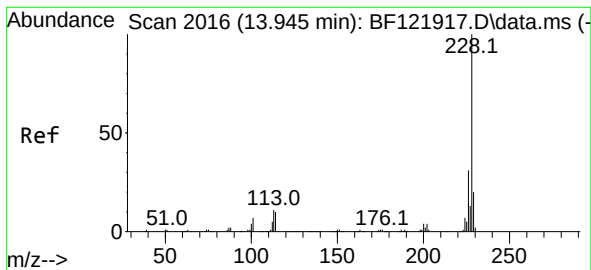
Tgt Ion:228 Resp: 568949
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.8 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 20.55 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:252 Resp: 100302
Ion Ratio Lower Upper
252 100
254 64.3 51.8 77.6
126 11.7 8.8 13.2





#83

Chrysene

Concen: 42.31 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

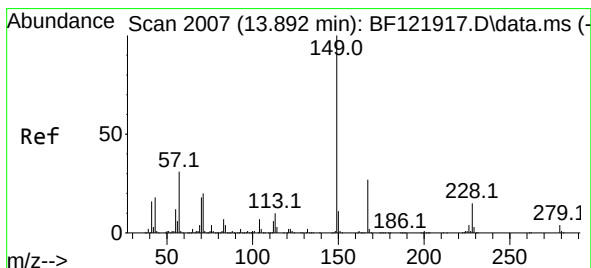
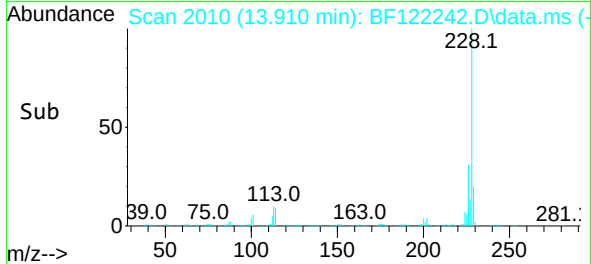
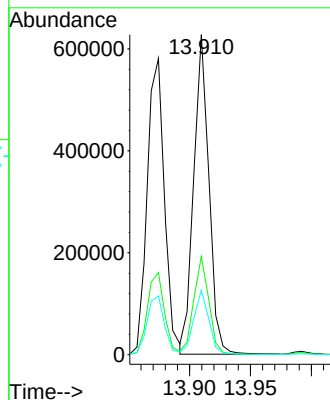
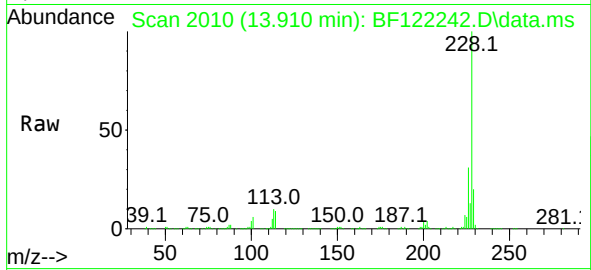
Tgt Ion:228 Resp: 546400

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.03 ng

RT: 13.845 min Scan# 1999

Delta R.T. 0.000 min

Lab File: BF122242.D

Acq: 3 Nov 2020 16:01

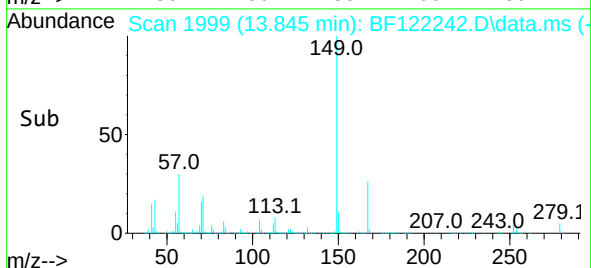
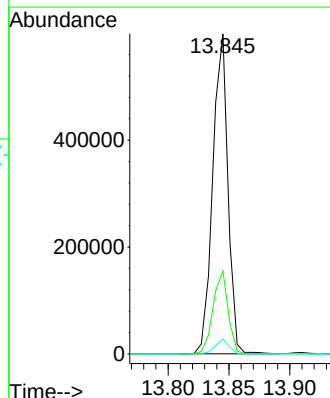
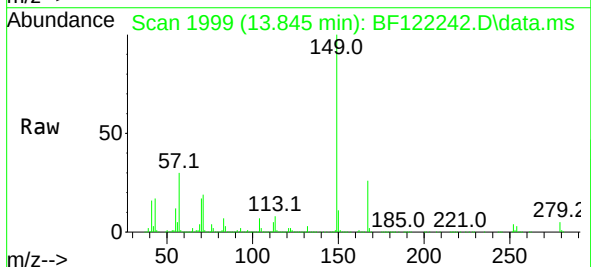
Tgt Ion:149 Resp: 519121

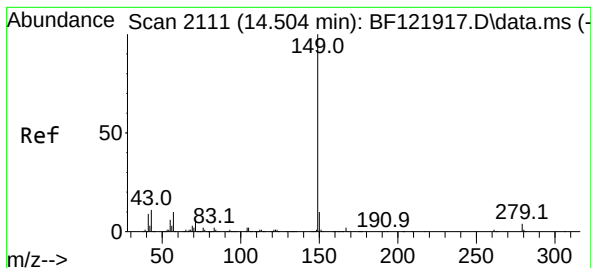
Ion Ratio Lower Upper

149 100

167 25.9 20.9 31.3

279 4.7 3.2 4.8

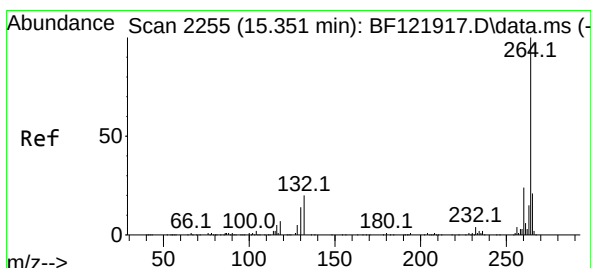
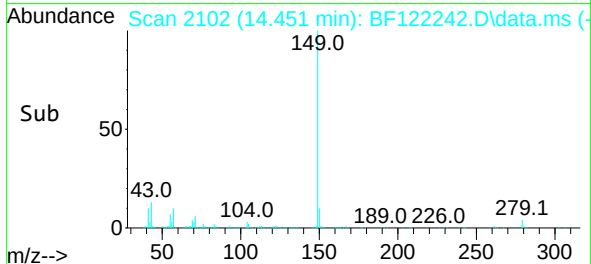
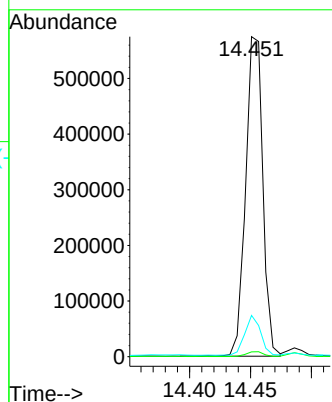
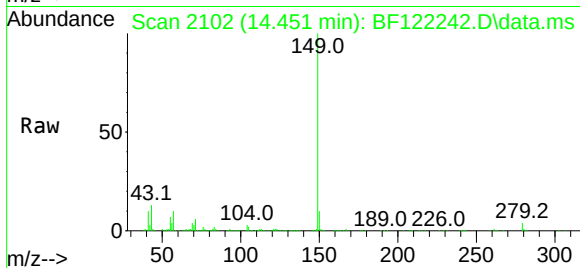




#85
Di-n-octyl phthalate
Concen: 42.36 ng
RT: 14.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

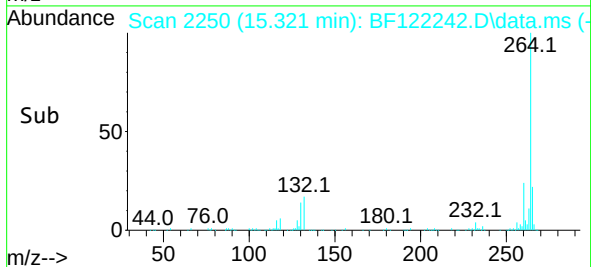
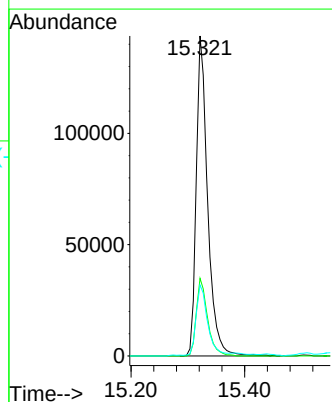
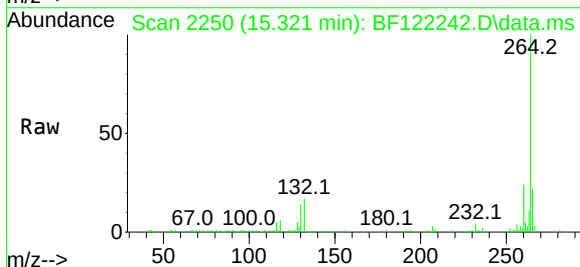
Instrument :
BNA_F
ClientSampleId :
12016MSD

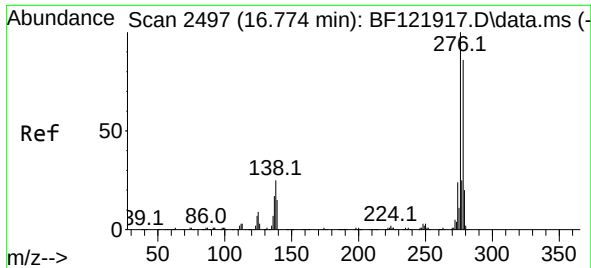
Tgt Ion:149 Resp: 564410
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.6 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:264 Resp: 201628
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 22.2 17.3 25.9

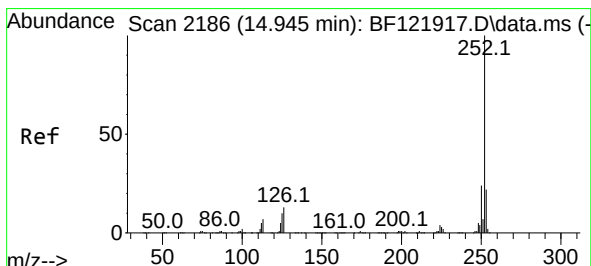
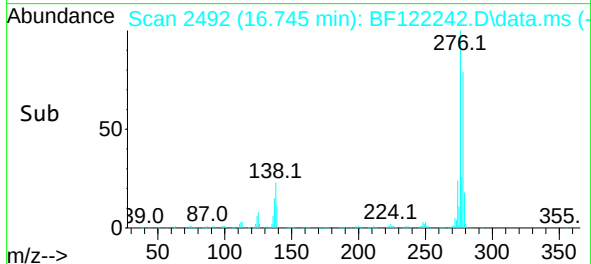
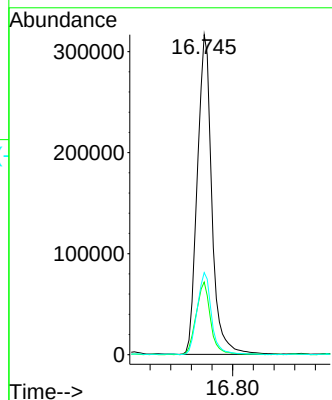
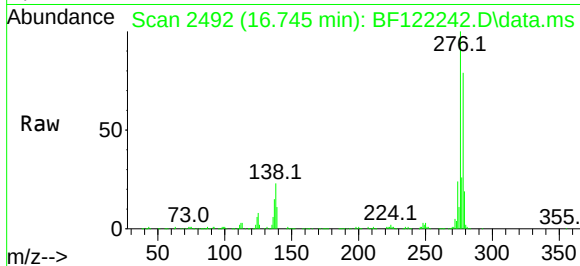




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.04 ng
RT: 16.745 min Scan# 2492
Delta R.T. 0.029 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

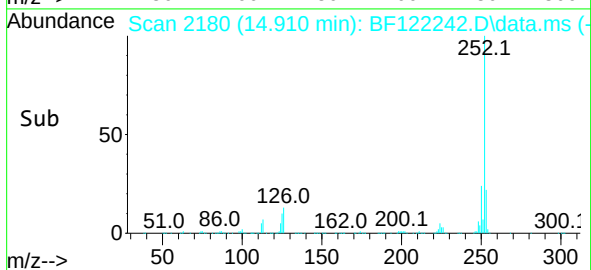
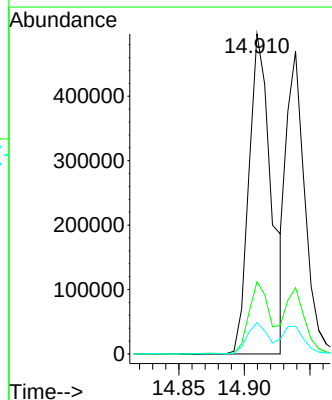
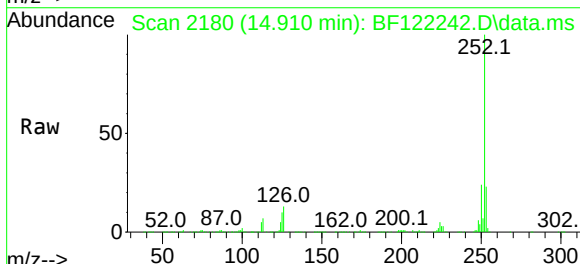
Instrument :
BNA_F
ClientSampleId :
12016MSD

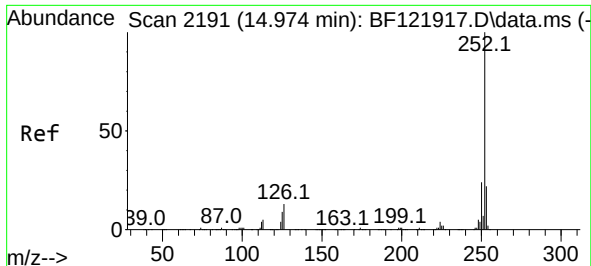
Tgt Ion:276 Resp: 615804
Ion Ratio Lower Upper
276 100
138 22.8 19.9 29.9
277 25.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 43.21 ng
RT: 14.910 min Scan# 2180
Delta R.T. 0.012 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:252 Resp: 588859
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.8 8.0 12.0

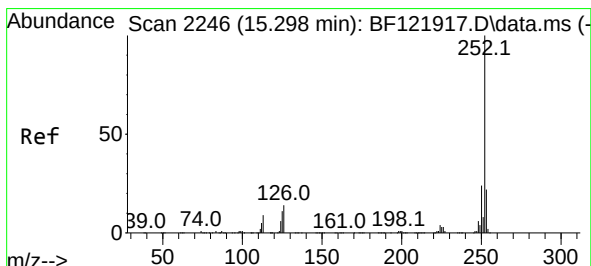
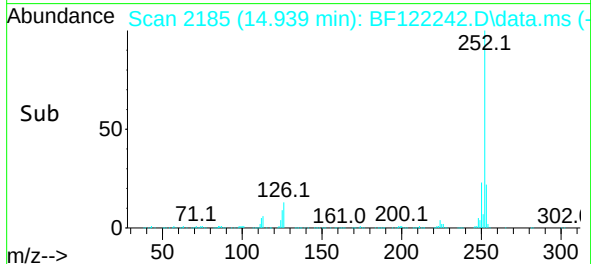
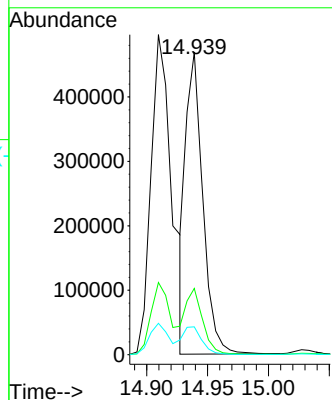
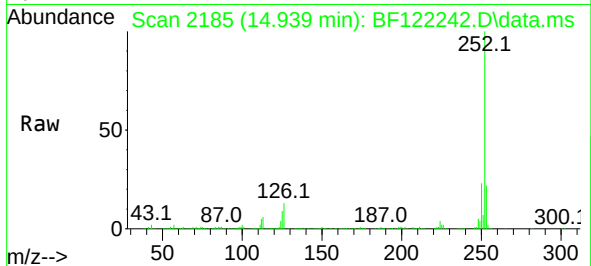




#89
Benzo(k)fluoranthene
Concen: 35.27 ng
RT: 14.939 min Scan# 2185
Delta R.T. 0.012 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

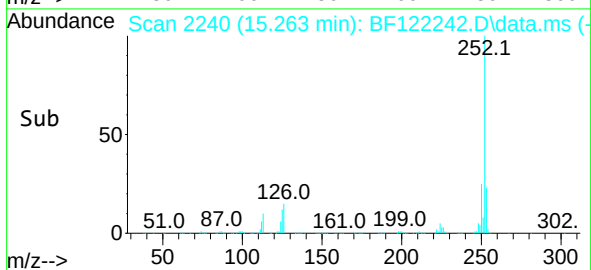
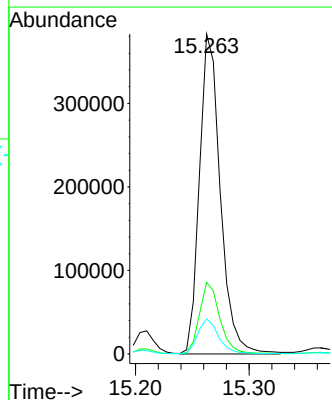
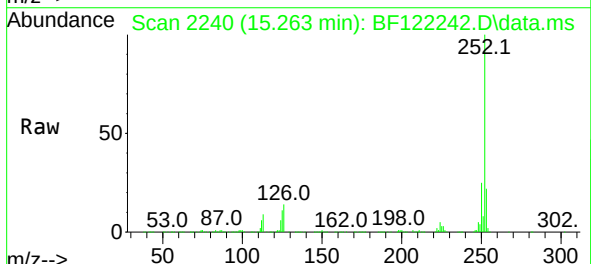
Instrument :
BNA_F
ClientSampleId :
12016MSD

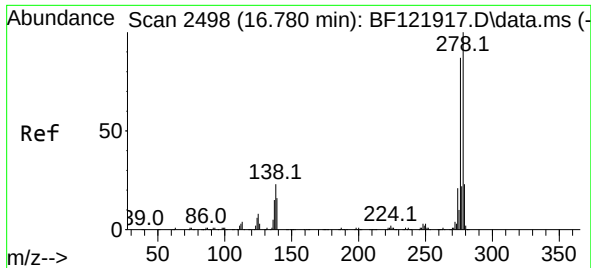
Tgt Ion:252 Resp: 456627
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 9.2 7.7 11.5



#90
Benzo(a)pyrene
Concen: 41.60 ng
RT: 15.263 min Scan# 2240
Delta R.T. 0.012 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:252 Resp: 489647
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 11.0 8.6 13.0

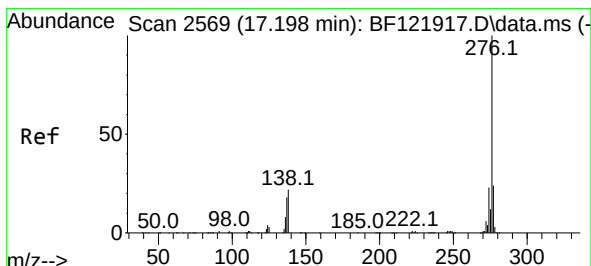
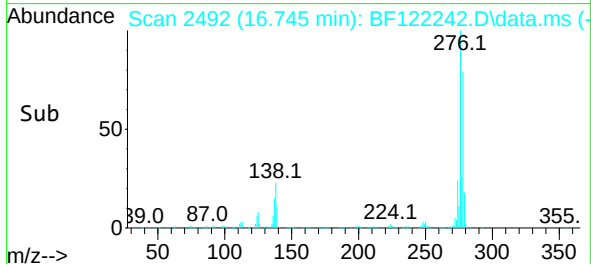
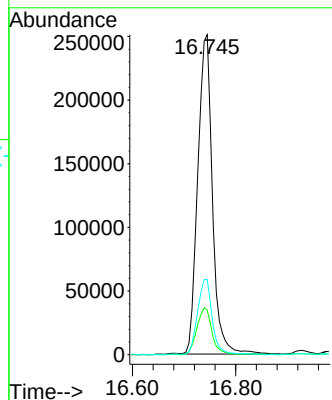
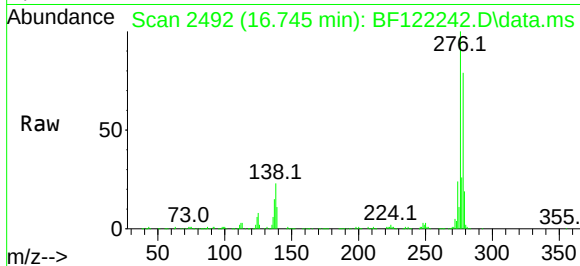




#91
Dibenzo(a,h)anthracene
Concen: 45.83 ng
RT: 16.745 min Scan# 2492
Delta R.T. 0.029 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Instrument :
BNA_F
ClientSampleId :
12016MSD

Tgt Ion:278 Resp: 493973
Ion Ratio Lower Upper
278 100
139 13.9 13.0 19.4
279 23.5 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 49.65 ng
RT: 17.168 min Scan# 2564
Delta R.T. 0.035 min
Lab File: BF122242.D
Acq: 3 Nov 2020 16:01

Tgt Ion:276 Resp: 535650
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.2
138 20.0 17.8 26.6

