

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
 Data File : BF125712.D
 Acq On : 29 Sep 2021 17:17
 Operator : JU/CG
 Sample : M3964-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-1

Quant Time: Sep 30 03:27:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

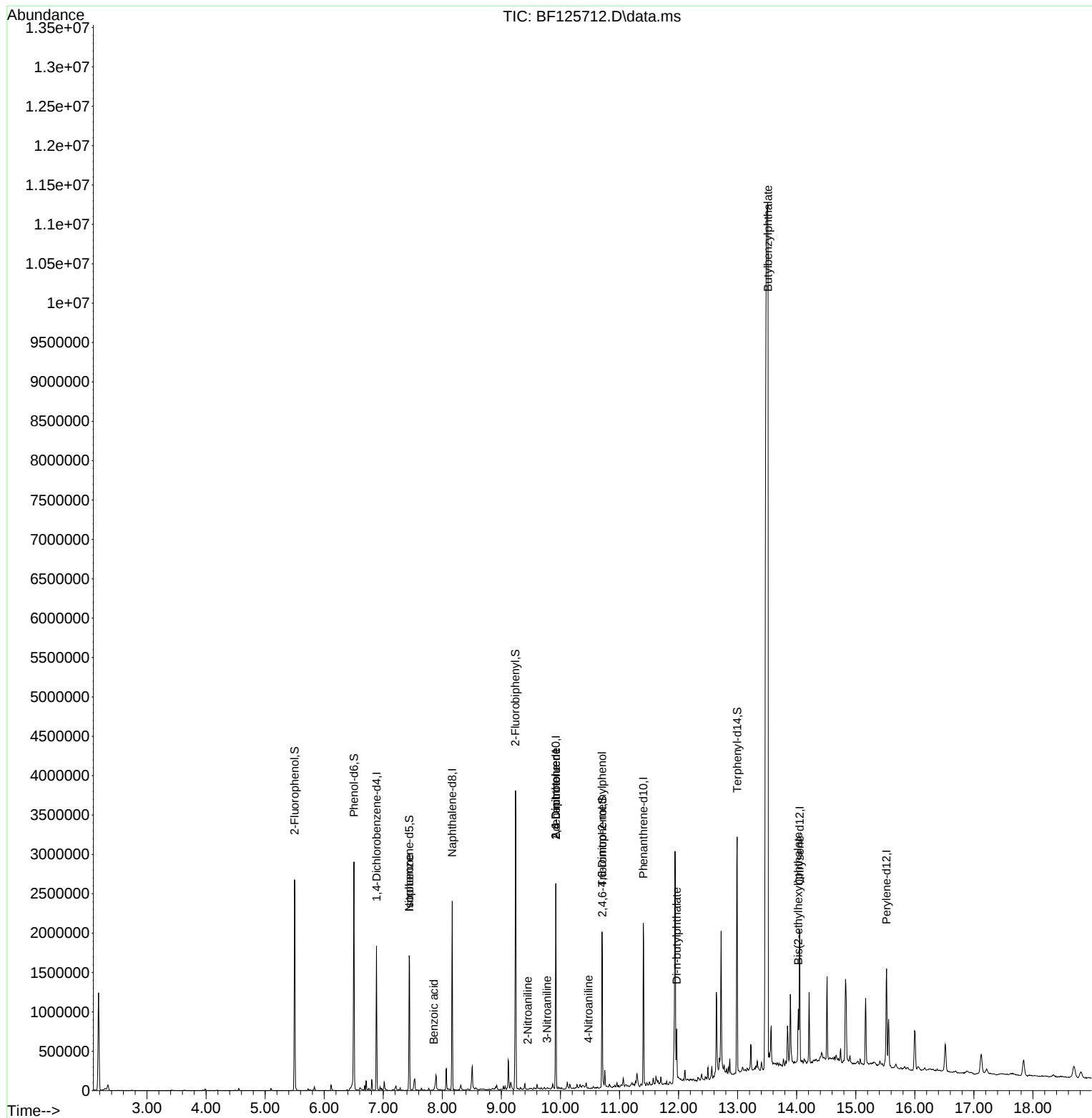
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	252885	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1002514	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	501940	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	759049	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	580764	20.000	ng	0.00
86) Perylene-d12	15.521	264	547922	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	830913	54.135	ng	0.00
7) Phenol-d6	6.504	99	992057	48.075	ng	0.00
23) Nitrobenzene-d5	7.439	82	571328	39.750	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	240997	51.496	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1194734	34.881	ng	-0.01
79) Terphenyl-d14	12.992	244	1042298	31.080	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	2687	Below Cal	#	79
25) Isophorone	7.439	82	571321	17.749	ng	# 59
32) Benzoic acid	7.857	122	4282	8.963	ng	# 78
48) 2-Nitroaniline	9.445	65	111	4.171	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	62023	12.348	ng	# 28
53) 3-Nitroaniline	9.775	138	423	3.193	ng	# 1
57) 2,4-Dinitrotoluene	9.922	165	62023	11.299	ng	# 20
62) 4-Nitroaniline	10.474	138	1100	2.033	ng	# 10
65) 4,6-Dinitro-2-methylph...	10.704	198	371	9.095	ng	# 1
74) Di-n-butylphthalate	11.968	149	277869	6.659	ng	98
80) Butylbenzylphthalate	13.515	149	8194060	471.447	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.027	149	218250	10.969	ng	99

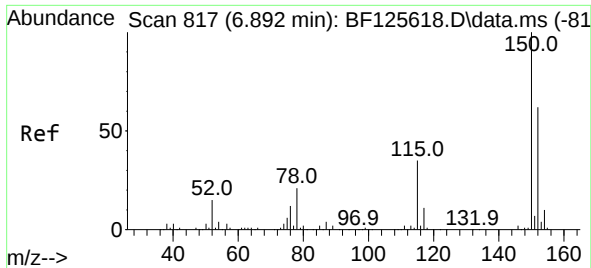
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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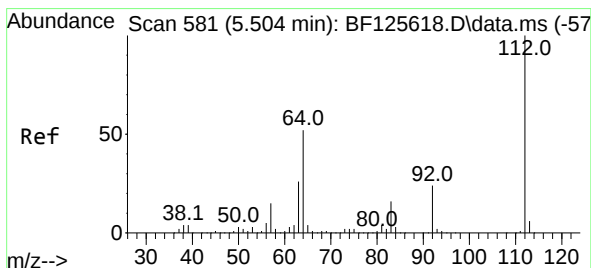
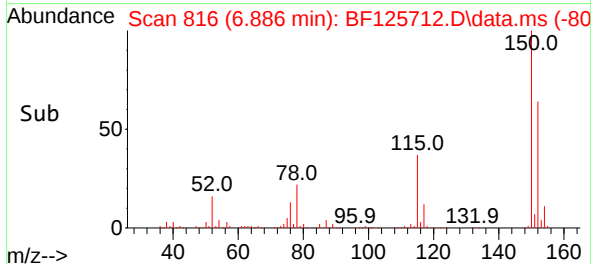
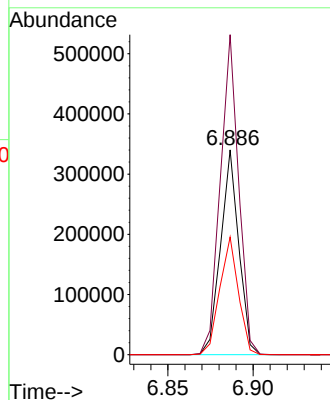
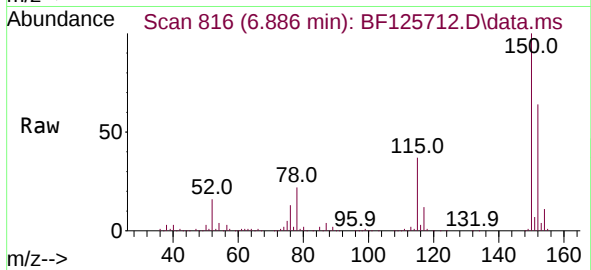




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

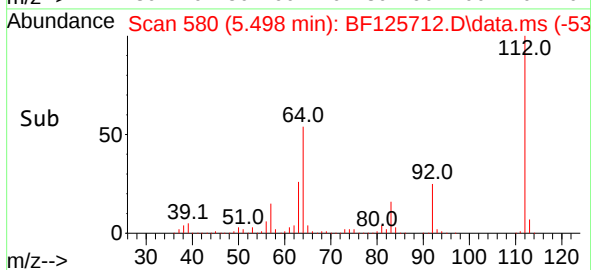
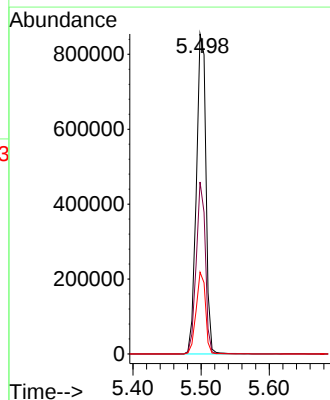
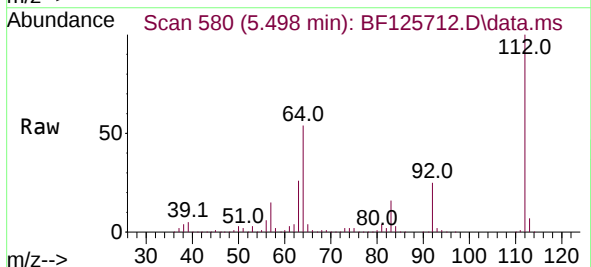
Instrument :
BNA_F
ClientSampleId :
CC-1

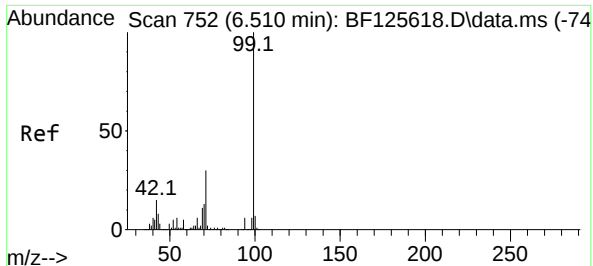
Tgt Ion:152 Resp: 252885
Ion Ratio Lower Upper
152 100
150 156.3 117.6 176.4
115 57.4 47.1 70.7



#5
2-Fluorophenol
Concen: 54.135 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.006 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

Tgt Ion:112 Resp: 830913
Ion Ratio Lower Upper
112 100
64 53.8 44.2 66.2
63 25.5 26.2 39.2#

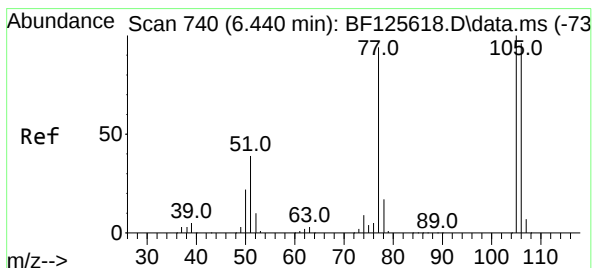
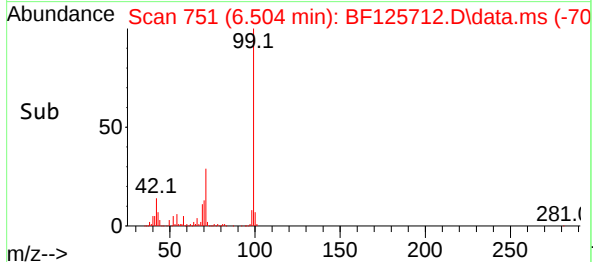
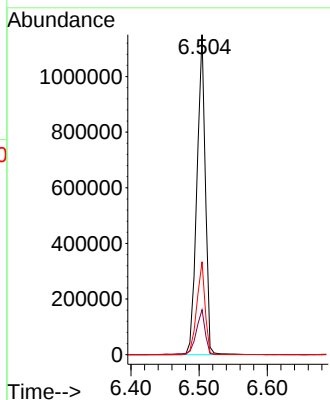
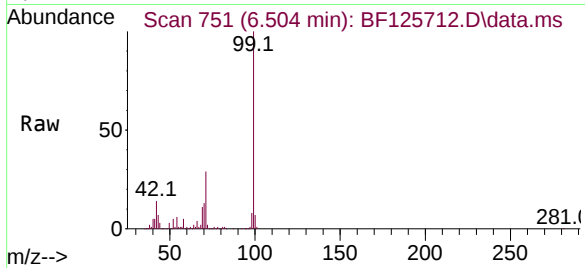




#7
Phenol-d6
Concen: 48.075 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

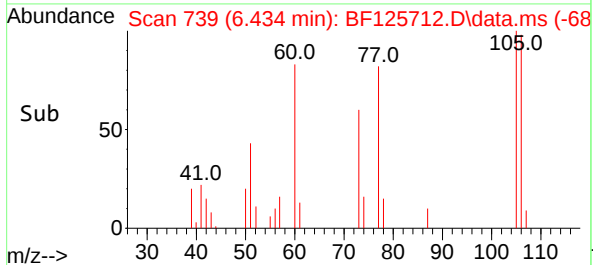
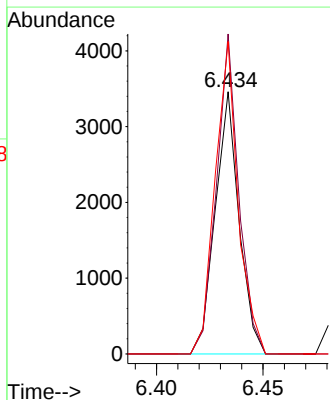
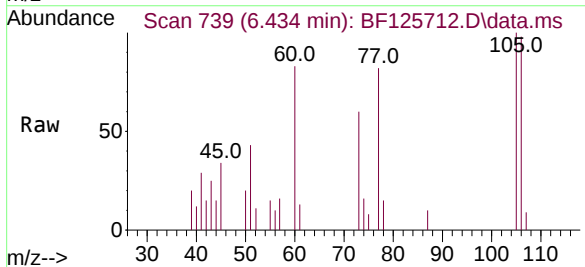
Instrument :
BNA_F
ClientSampleId :
CC-1

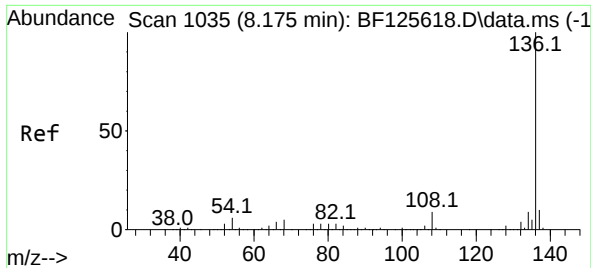
Tgt Ion: 99 Resp: 992057
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 29.1 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

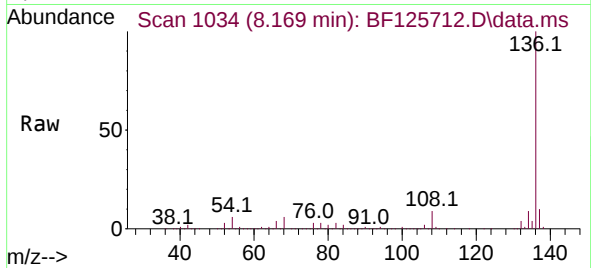
Tgt Ion: 77 Resp: 2687
Ion Ratio Lower Upper
77 100
105 122.0 75.9 115.9#
106 119.1 84.0 124.0





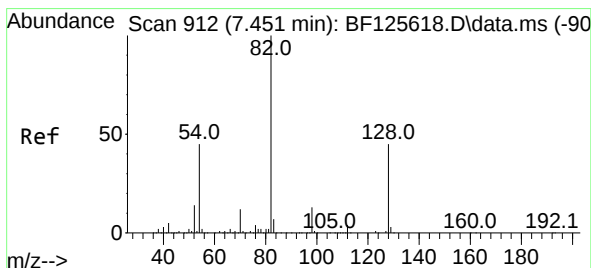
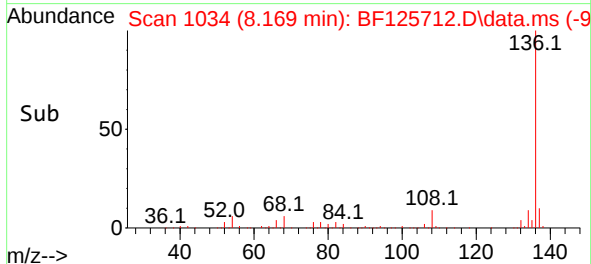
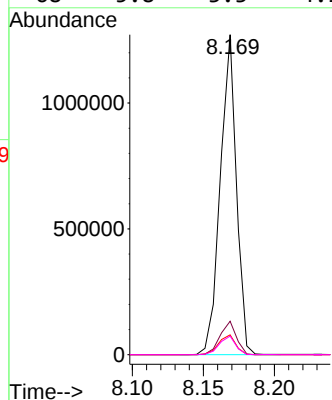
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

Instrument :
BNA_F
ClientSampleId :
CC-1



Tgt Ion:136 Resp: 1002514

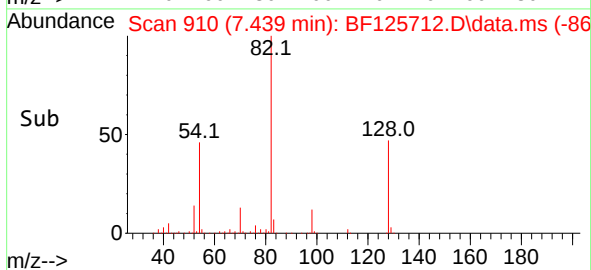
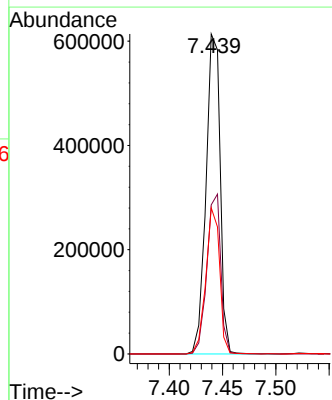
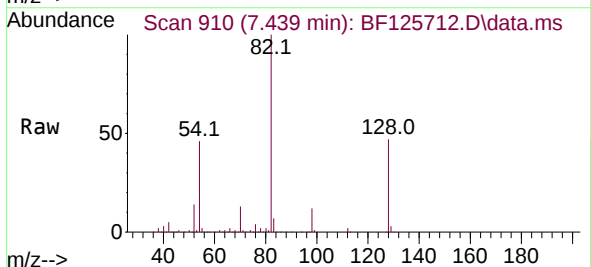
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.8	14.6
54	6.2	6.4	9.6#
68	5.8	3.3	4.9#

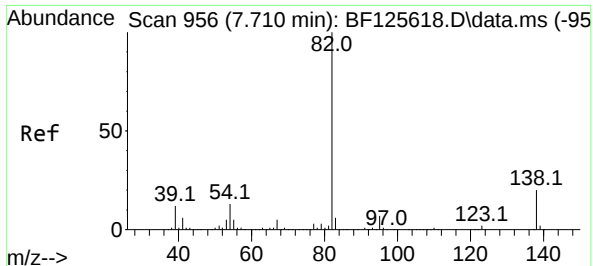


#23
Nitrobenzene-d5
Concen: 39.750 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

Tgt Ion: 82 Resp: 571328

Ion	Ratio	Lower	Upper
82	100		
128	46.6	40.6	60.8
54	45.6	49.6	74.4#

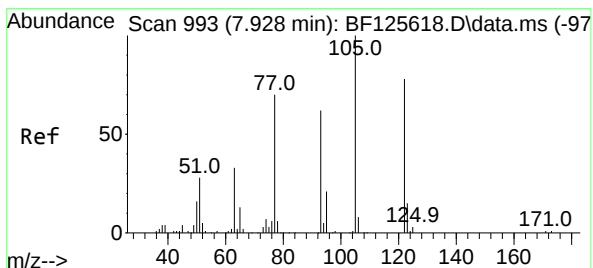
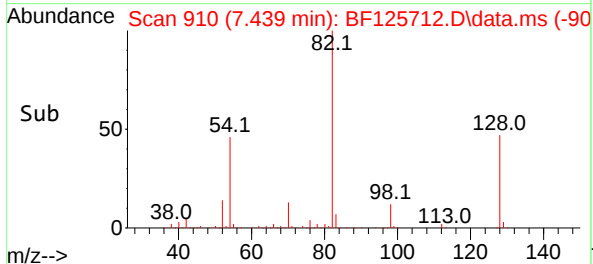
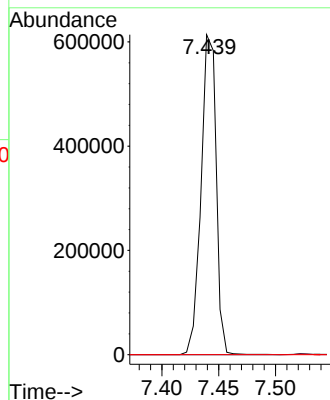
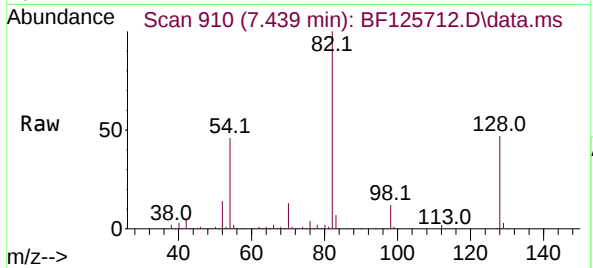




#25
Isophorone
Concen: 17.749 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.271 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

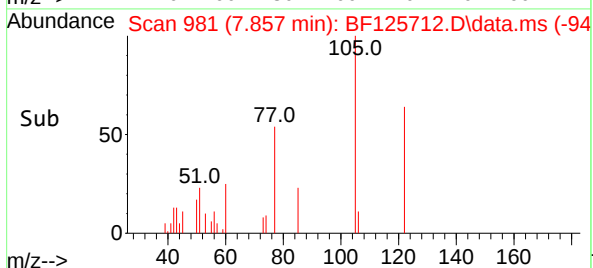
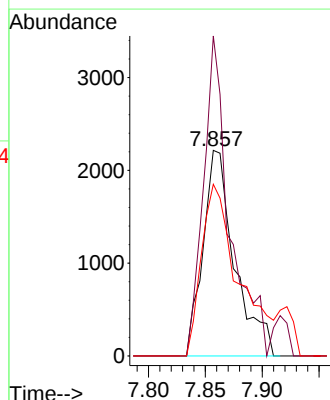
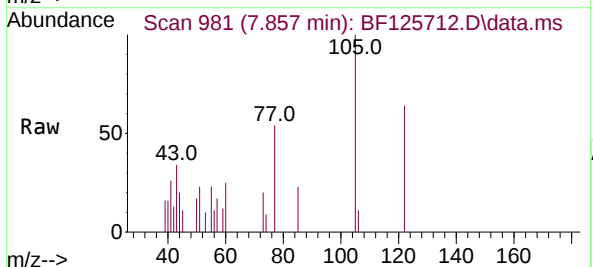
Instrument :
BNA_F
ClientSampleId :
CC-1

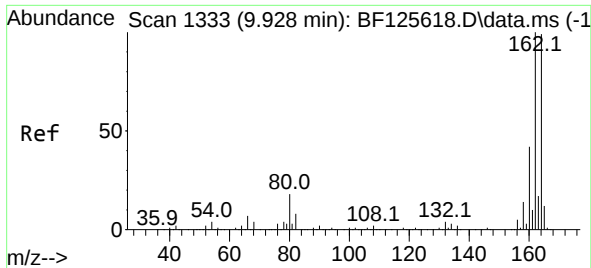
Tgt Ion: 82 Resp: 571321
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 8.963 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.071 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

Tgt Ion:122 Resp: 4282
Ion Ratio Lower Upper
122 100
105 155.7 97.6 137.6#
77 83.5 59.6 99.6

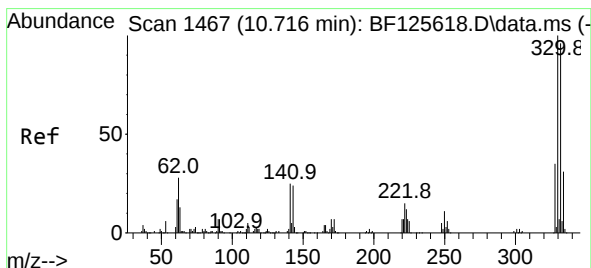
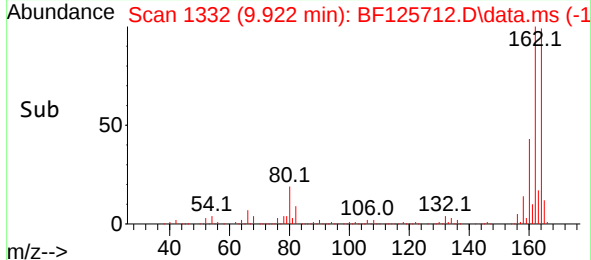
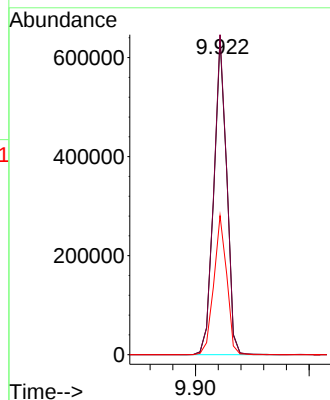
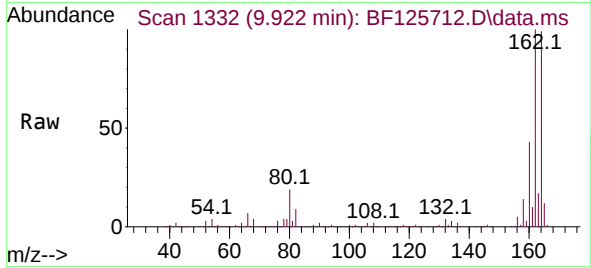




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

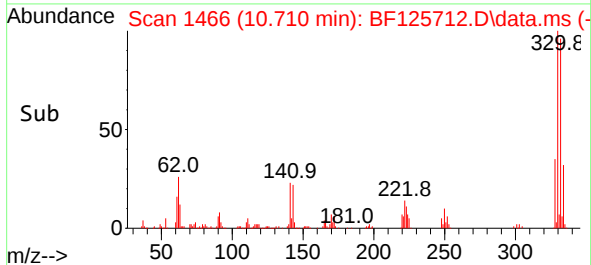
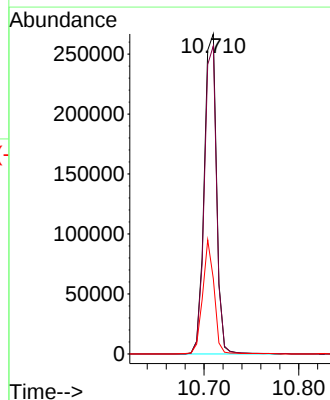
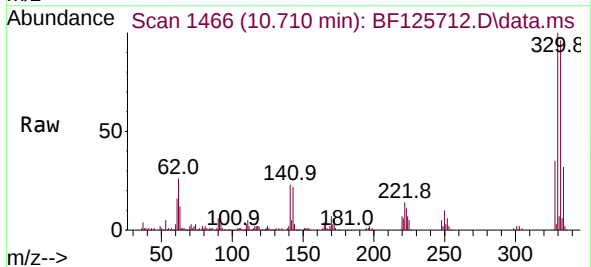
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ClientSampleId :
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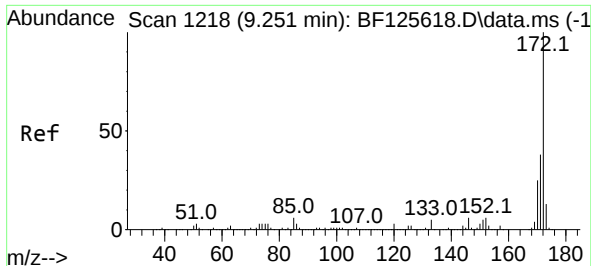
Tgt Ion:164 Resp: 501940
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 44.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 51.496 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

Tgt Ion:330 Resp: 240997
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 33.4 44.6 66.8#

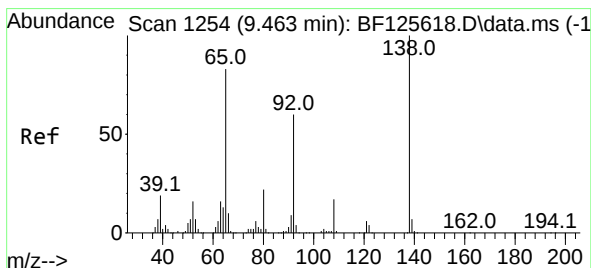
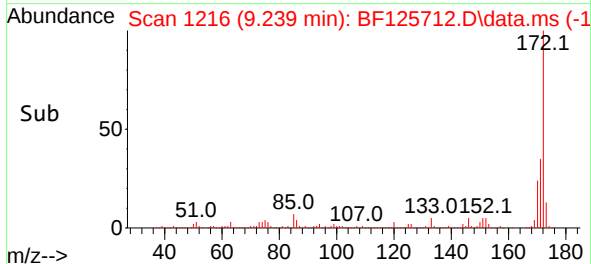
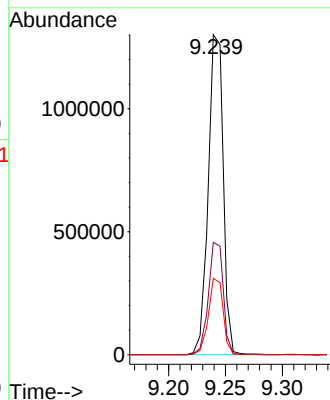
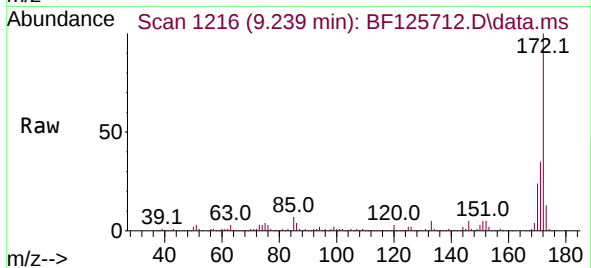




#45
2-Fluorobiphenyl
Concen: 34.881 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

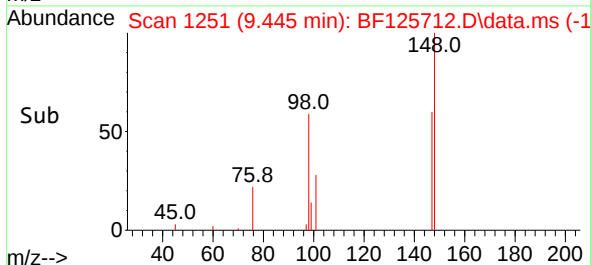
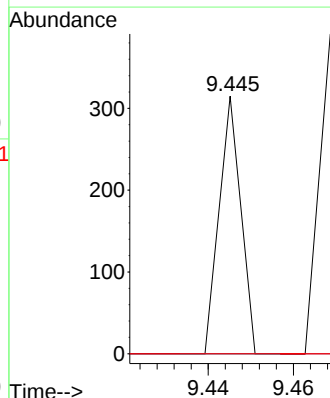
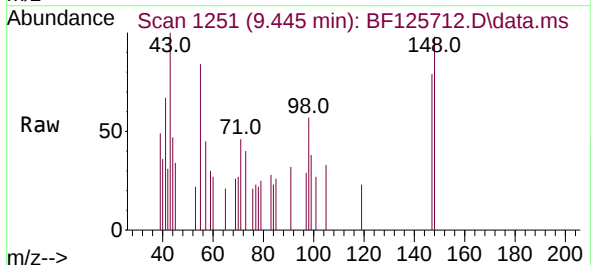
Instrument :
BNA_F
ClientSampled :
CC-1

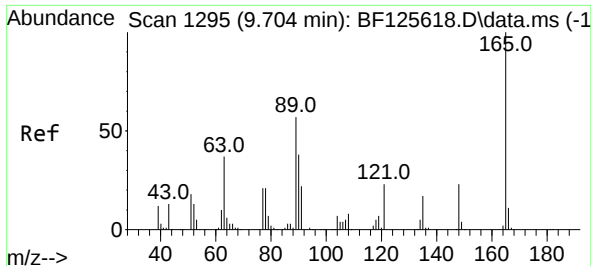
Tgt Ion:172 Resp: 1194734
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 23.9 18.8 28.2



#48
2-Nitroaniline
Concen: 4.171 ng
RT: 9.445 min Scan# 1251
Delta R.T. -0.018 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

Tgt Ion: 65 Resp: 111
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

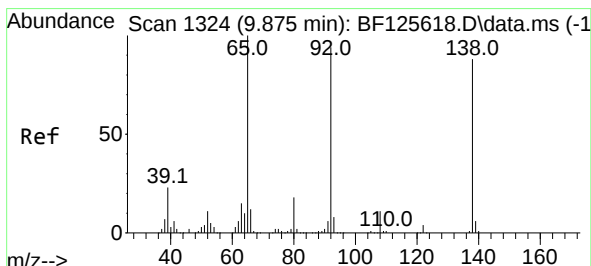
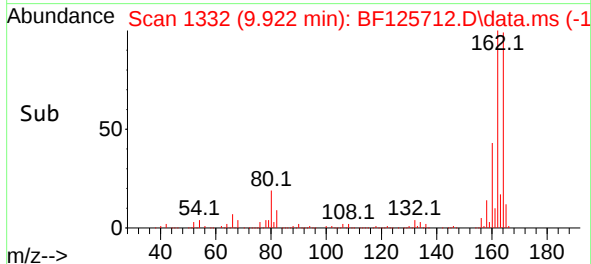
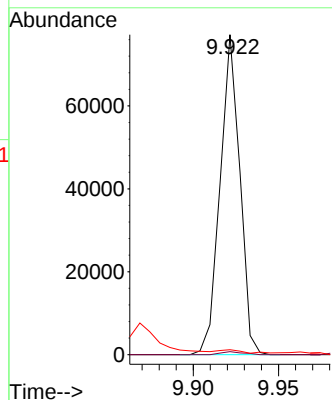
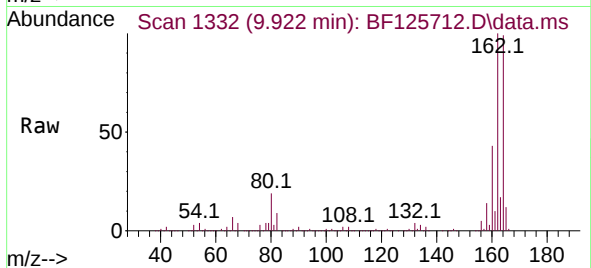




#51
2,6-Dinitrotoluene
Concen: 12.348 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

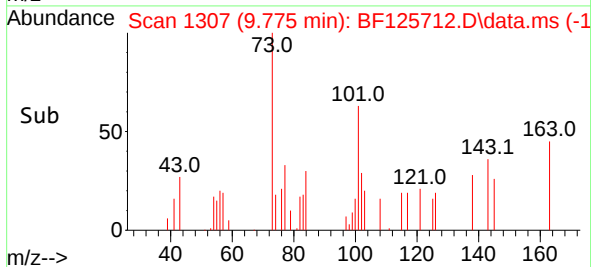
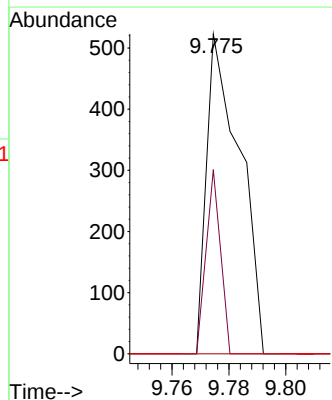
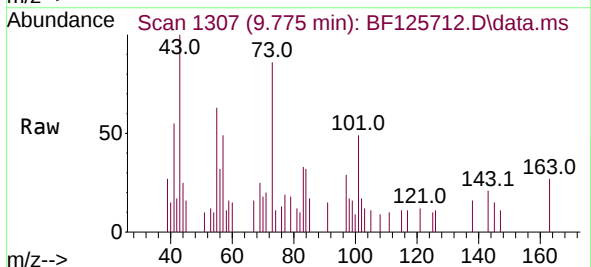
Instrument :
BNA_F
ClientSampled :
CC-1

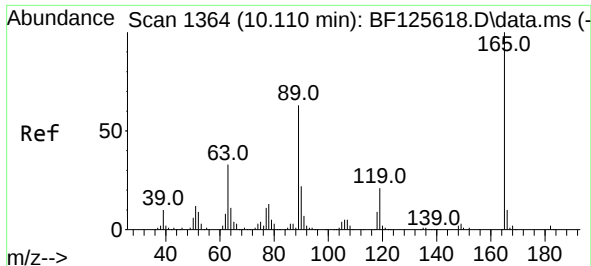
Tgt Ion:165 Resp: 62023
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.5 40.6 60.8#



#53
3-Nitroaniline
Concen: 3.193 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.100 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

Tgt Ion:138 Resp: 423
Ion Ratio Lower Upper
138 100
108 57.6 9.3 13.9#
92 0.0 76.5 114.7#

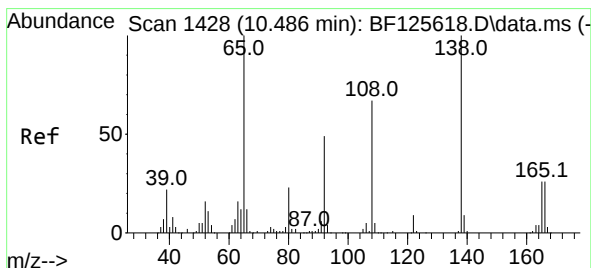
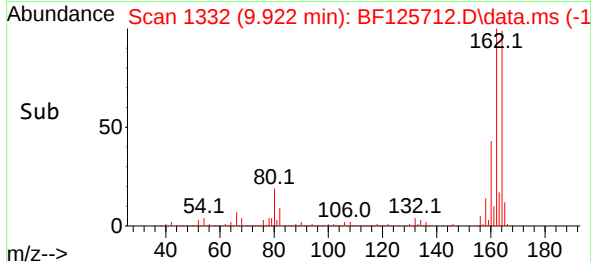
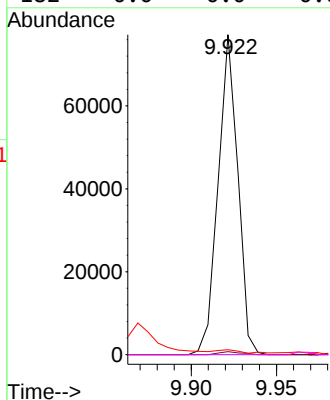
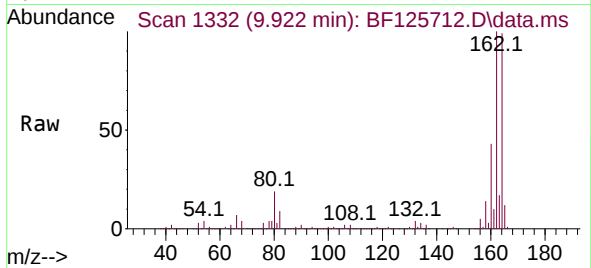




#57
2,4-Dinitrotoluene
Concen: 11.299 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

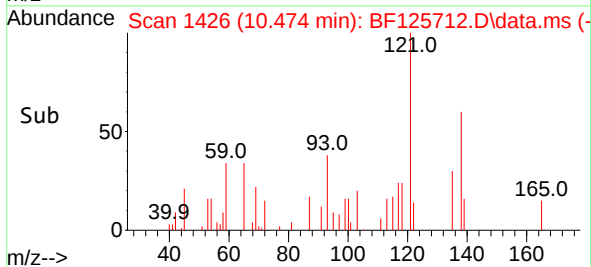
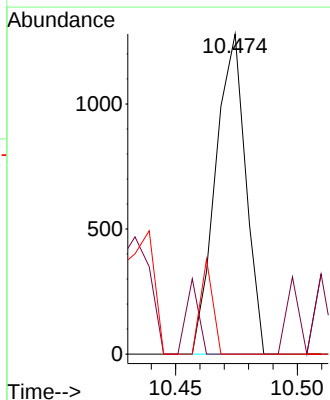
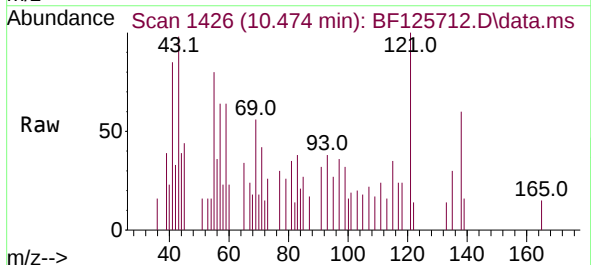
Instrument :
BNA_F
ClientSampled :
CC-1

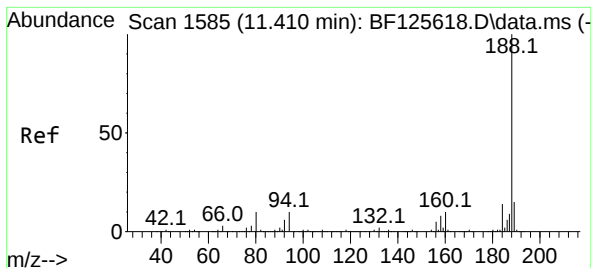
Tgt Ion:	165	Resp:	62023
Ion Ratio	Lower	Upper	
165	100		
63	0.9	40.9	61.3#
89	1.5	59.7	89.5#
182	0.0	0.0	0.0



#62
4-Nitroaniline
Concen: 2.033 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

Tgt Ion:	138	Resp:	1100
Ion Ratio	Lower	Upper	
138	100		
92	0.0	29.6	69.6#
108	0.0	78.1	118.1#

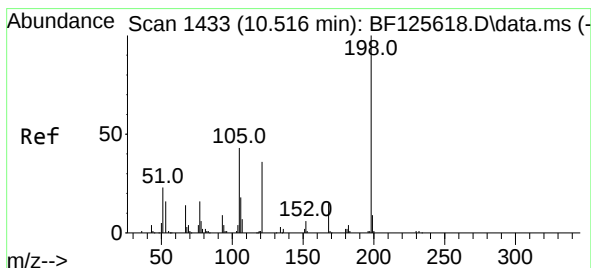
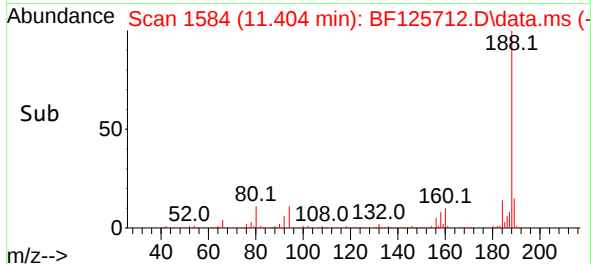
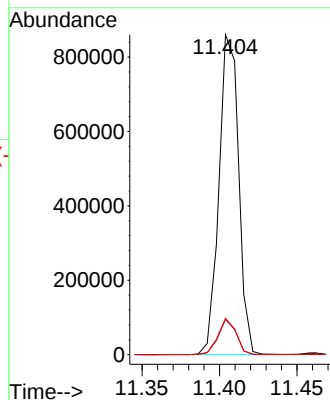
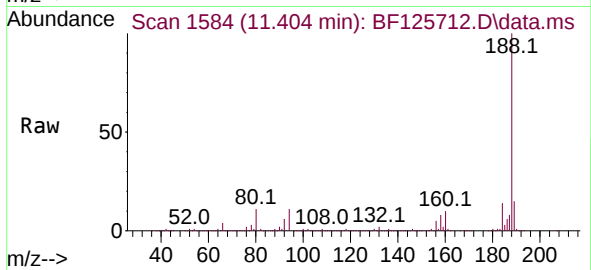




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

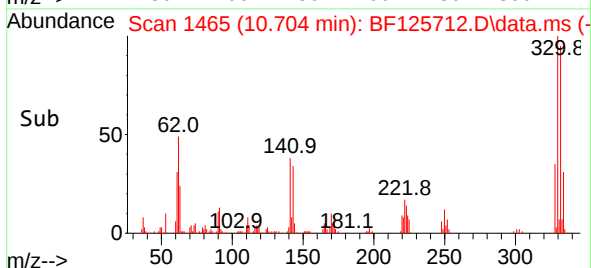
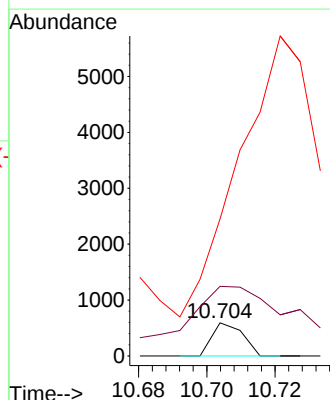
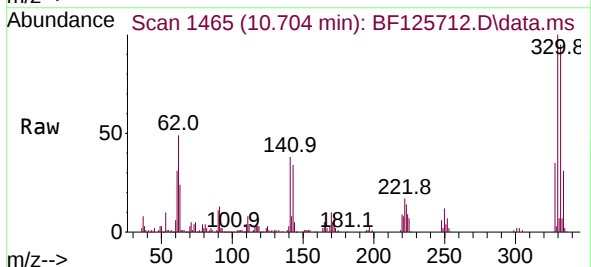
Instrument :
BNA_F
ClientSampleId :
CC-1

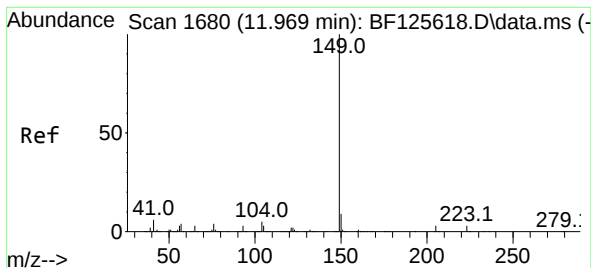
Tgt Ion:188 Resp: 759049
Ion Ratio Lower Upper
188 100
94 11.1 6.7 10.1#
80 11.4 7.5 11.3#



#65
4,6-Dinitro-2-methylphenol
Concen: 9.095 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

Tgt Ion:198 Resp: 371
Ion Ratio Lower Upper
198 100
51 210.1 45.3 85.3#
105 413.2 30.6 70.6#

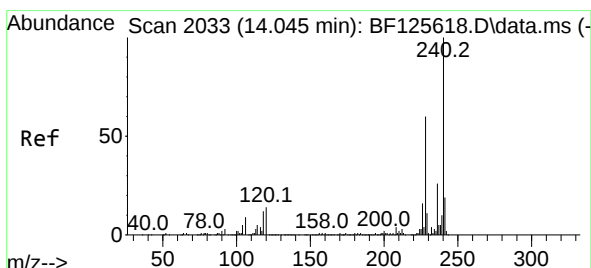
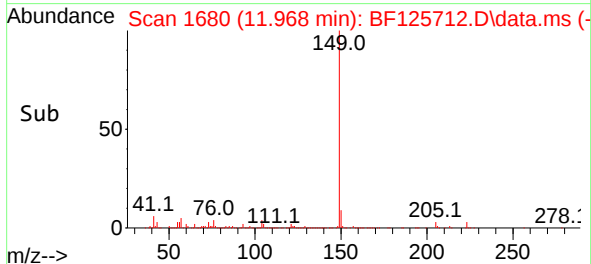
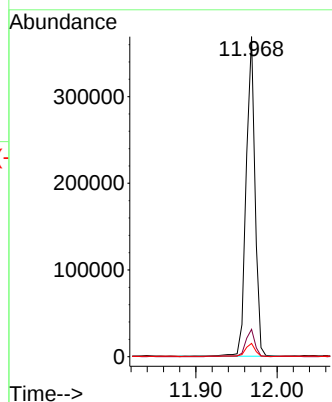
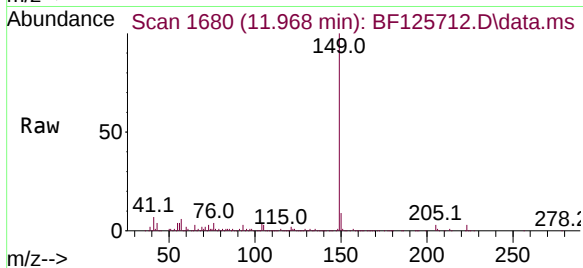




#74
Di-n-butylphthalate
Concen: 6.659 ng
RT: 11.968 min Scan# 1680
Delta R.T. -0.001 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

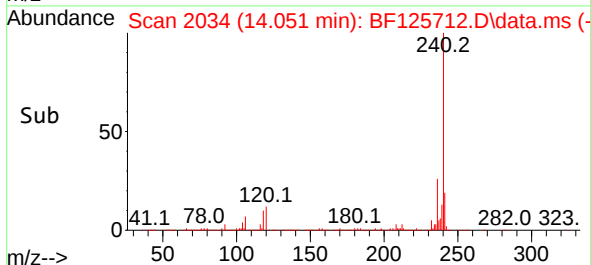
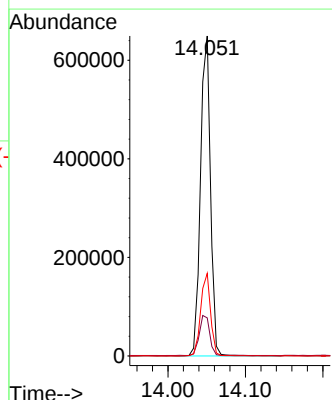
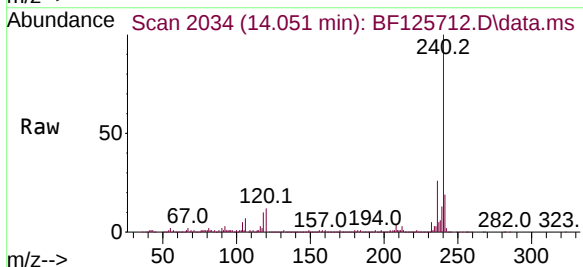
Instrument :
BNA_F
ClientSampleId :
CC-1

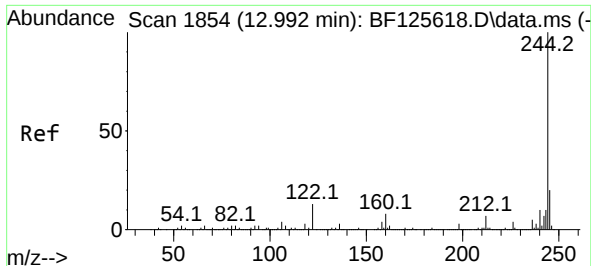
Tgt Ion:149 Resp: 277869
Ion Ratio Lower Upper
149 100
150 8.5 7.4 11.2
104 4.1 4.1 6.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

Tgt Ion:240 Resp: 580764
Ion Ratio Lower Upper
240 100
120 11.9 10.8 16.2
236 25.8 21.6 32.4

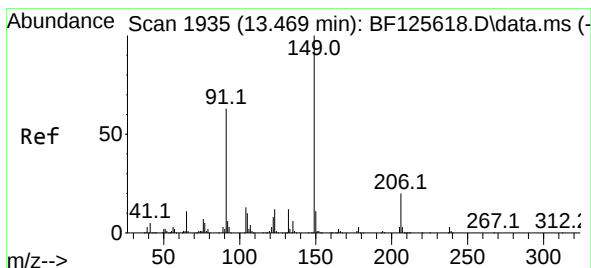
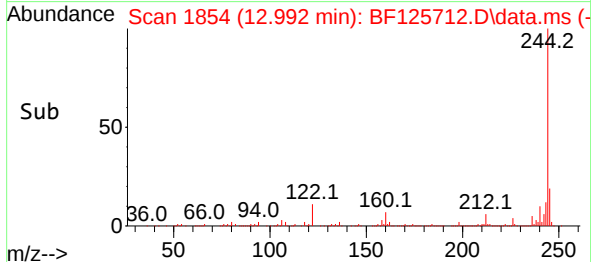
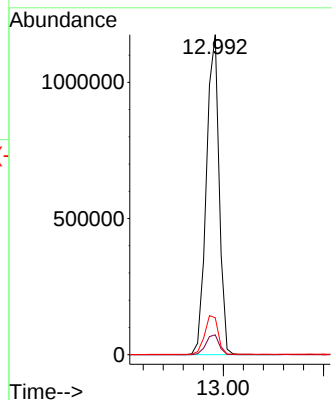
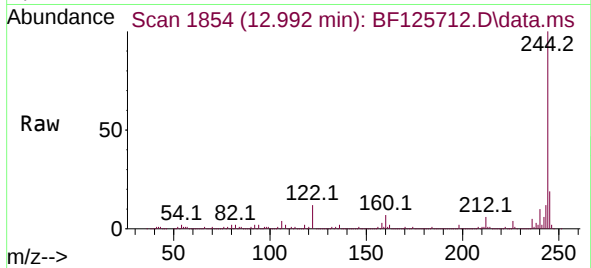




#79
Terphenyl-d14
Concen: 31.080 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

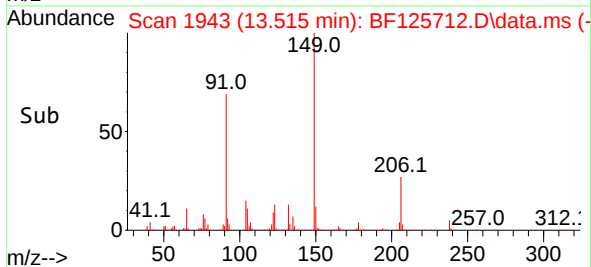
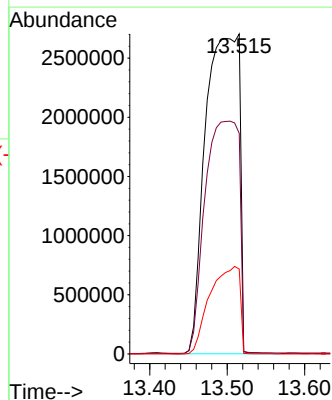
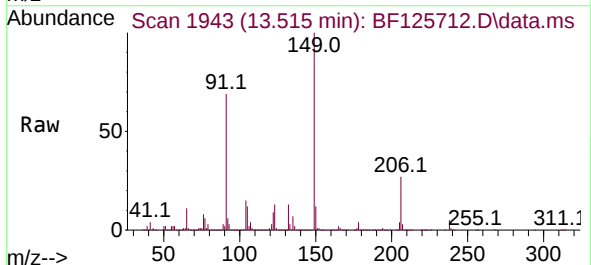
Instrument :
BNA_F
ClientSampled :
CC-1

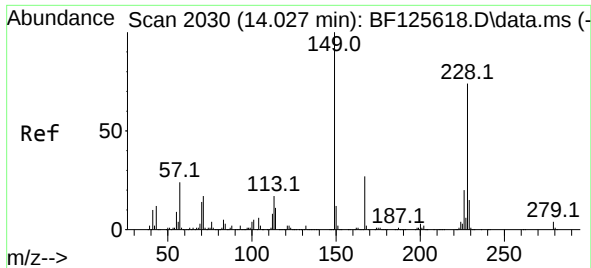
Tgt Ion:244 Resp: 1042298
Ion Ratio Lower Upper
244 100
212 6.2 5.9 8.9
122 11.5 9.0 13.4



#80
Butylbenzylphthalate
Concen: 471.447 ng
RT: 13.515 min Scan# 1943
Delta R.T. 0.046 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

Tgt Ion:149 Resp: 8194060
Ion Ratio Lower Upper
149 100
91 69.0 51.8 77.8
206 26.6 14.5 21.7#

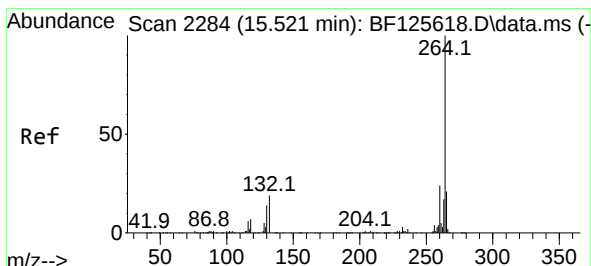
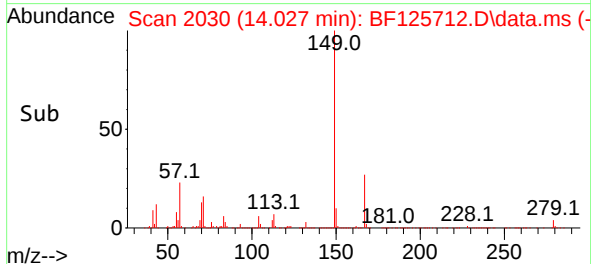
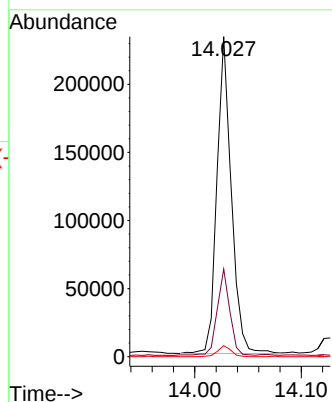
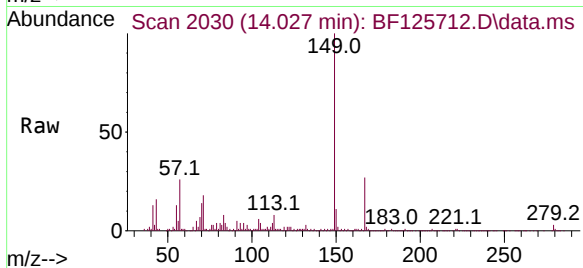




#84
Bis(2-ethylhexyl)phthalate
Concen: 10.969 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

Instrument :
BNA_F
ClientSampleId :
CC-1

Tgt Ion:149 Resp: 218250
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 3.5 2.6 4.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF125712.D
Acq: 29 Sep 2021 17:17

Tgt Ion:264 Resp: 547922
Ion Ratio Lower Upper
264 100
260 23.9 19.6 29.4
265 21.9 17.2 25.8

