

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125524.D
 Acq On : 16 Sep 2021 1:56
 Operator : JU/CG
 Sample : M3687-21 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A005015

Quant Time: Sep 16 03:09:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 15 15:08:32 2021
 Response via : Initial Calibration

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

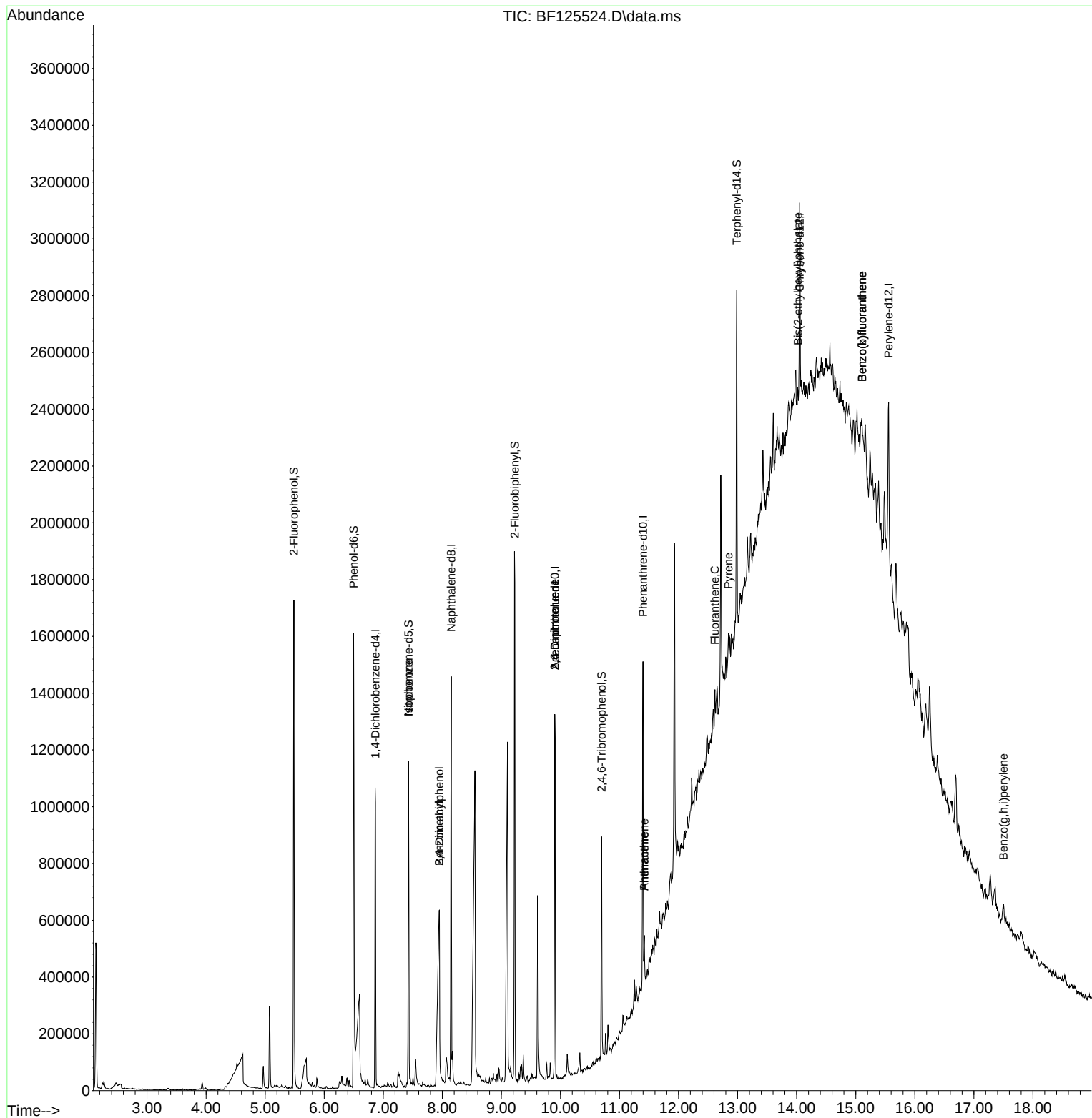
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	159451	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	582643	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	266822	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	405417	20.000	ng	0.00
76) Chrysene-d12	14.051	240	268154	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	236314	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	417141	41.568	ng	0.00
7) Phenol-d6	6.498	99	510738	38.293	ng	-0.01
23) Nitrobenzene-d5	7.428	82	331840	28.121	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	100654	30.973	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	582076	32.011	ng	0.00
79) Terphenyl-d14	12.986	244	449808	27.200	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.422	77	4835	Below Cal		88
20) 3+4-Methylphenols	7.292	107	2240	Below Cal		89
25) Isophorone	7.428	82	330206	14.666	ng	# 59
27) 2,4-Dimethylphenol	7.951	122	36151	4.450	ng	# 12
32) Benzoic acid	7.951	122	36151	6.557	ng	# 82
51) 2,6-Dinitrotoluene	9.904	165	36792	8.606	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	36792	6.688	ng	# 20
71) Phenanthrene	11.422	178	56755	2.616	ng	95
72) Anthracene	11.422	178	56755	2.608	ng	95
75) Fluoranthene	12.616	202	54369	2.297	ng	88
78) Pyrene	12.845	202	53573	2.419	ng	# 90
84) Bis(2-ethylhexyl)phtha...	14.021	149	30570	2.609	ng	# 94
88) Benzo(b)fluoranthene	15.110	252	49191	2.745	ng	# 45
89) Benzo(k)fluoranthene	15.110	252	49191	2.983	ng	# 49
92) Benzo(g,h,i)perylene	17.504	276	29962	2.331	ng	94

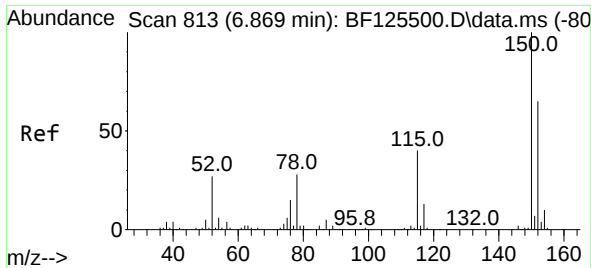
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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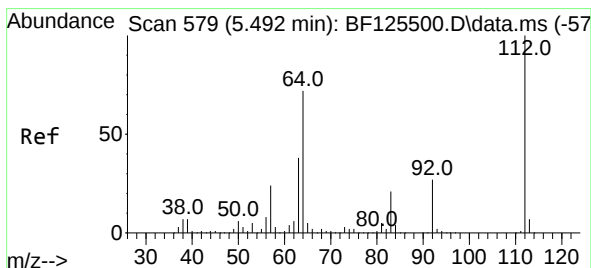
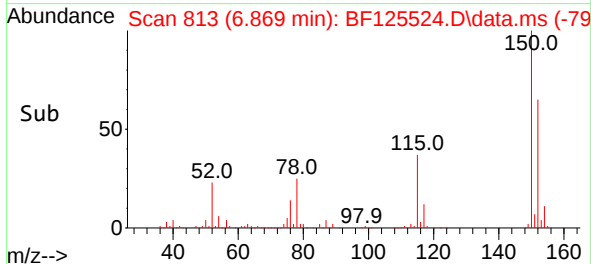
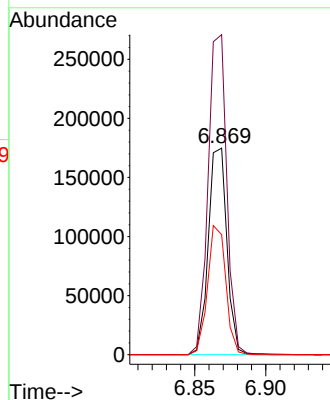
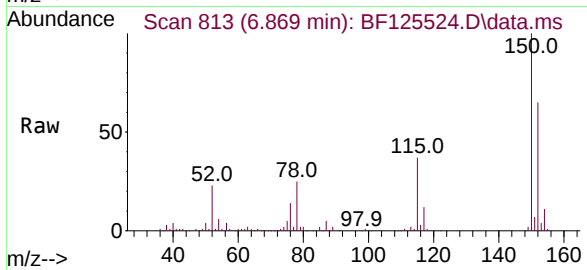




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

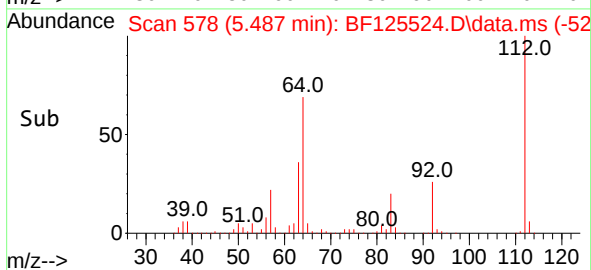
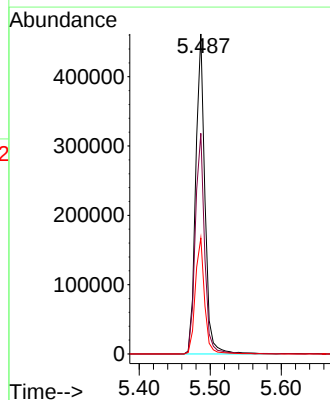
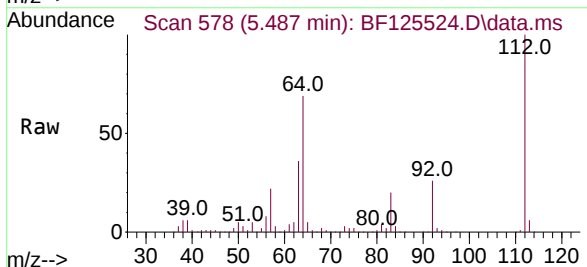
Instrument :
BNA_F
ClientSampleId :
A005015

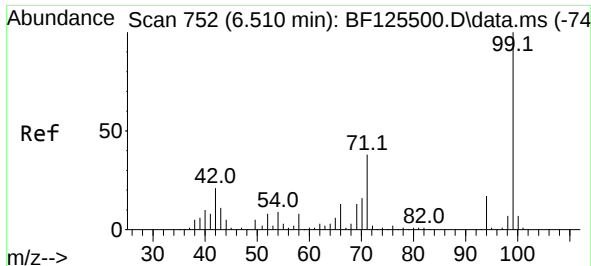
Tgt Ion:152 Resp: 159451
Ion Ratio Lower Upper
152 100
150 154.9 117.6 176.4
115 58.1 47.1 70.7



#5
2-Fluorophenol
Concen: 41.568 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.005 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

Tgt Ion:112 Resp: 417141
Ion Ratio Lower Upper
112 100
64 68.9 44.2 66.2#
63 36.2 26.2 39.2

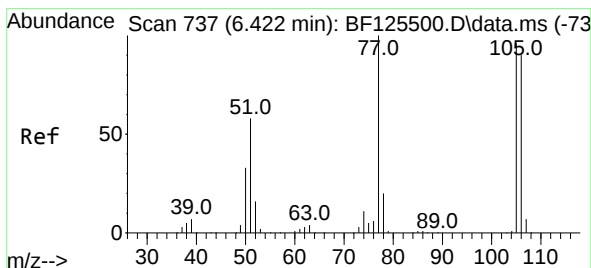
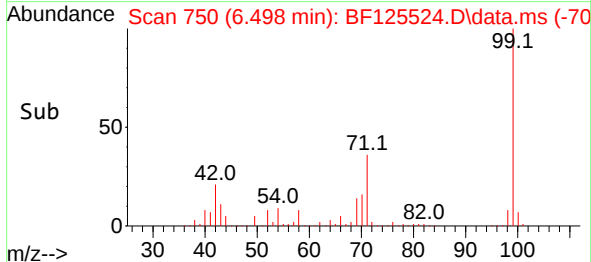
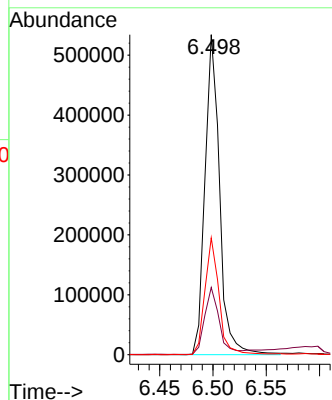
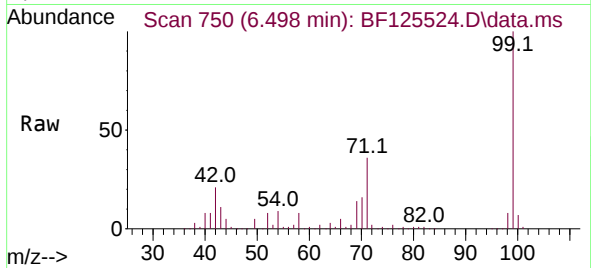




#7
Phenol-d6
Concen: 38.293 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

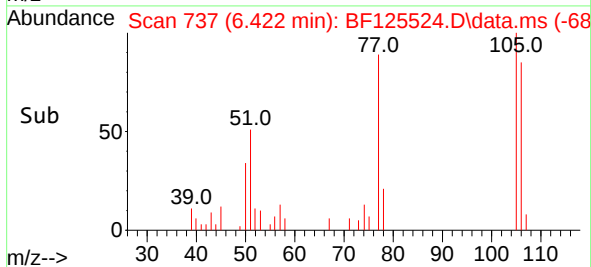
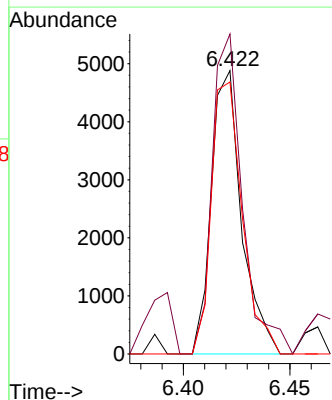
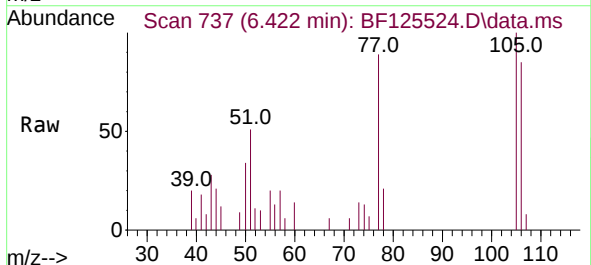
Instrument :
BNA_F
ClientSampled :
A005015

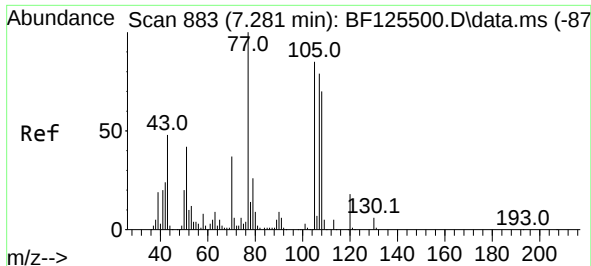
Tgt Ion: 99 Resp: 510738
Ion Ratio Lower Upper
99 100
42 21.0 23.5 35.3#
71 36.5 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

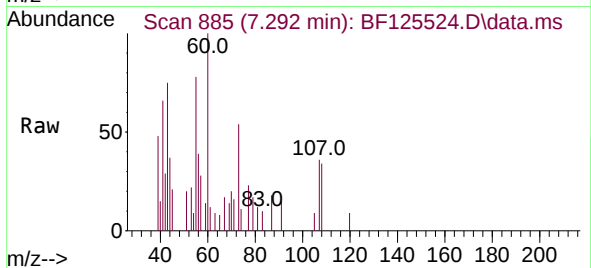
Tgt Ion: 77 Resp: 4835
Ion Ratio Lower Upper
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105 112.9 75.9 115.9
106 96.0 84.0 124.0



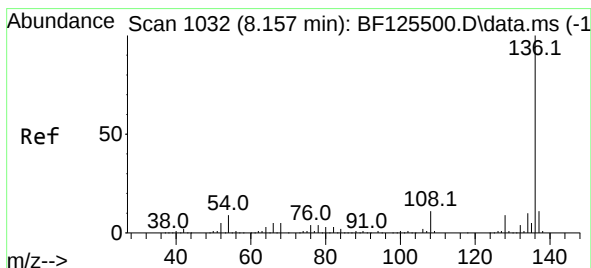
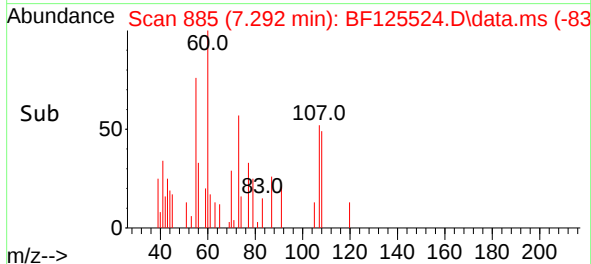
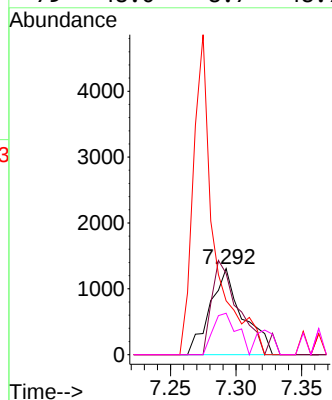


#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.292 min Scan# 885
Delta R.T. 0.011 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

Instrument :
BNA_F
ClientSampleId :
A005015

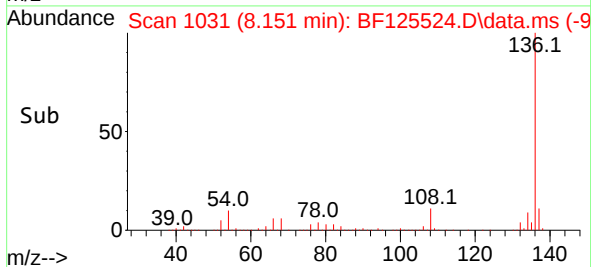
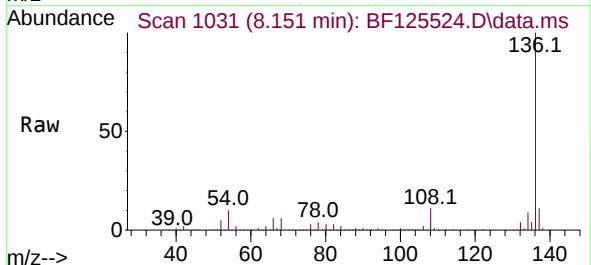
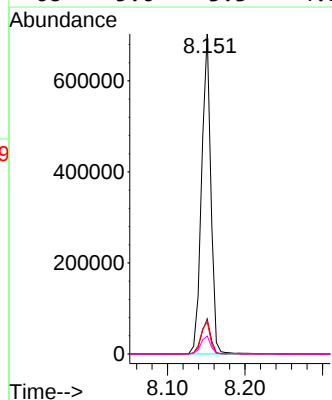


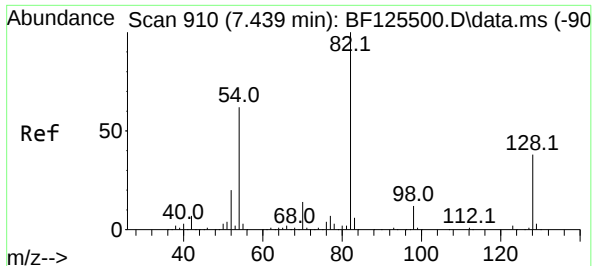
Tgt Ion:	107	Resp:	2240
Ion	Ratio	Lower	Upper
107	100		
108	94.3	76.6	116.6
77	62.7	53.3	93.3
79	48.0	8.7	48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

Tgt Ion:	136	Resp:	582643
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	10.0	6.4	9.6#
68	5.6	3.3	4.9#

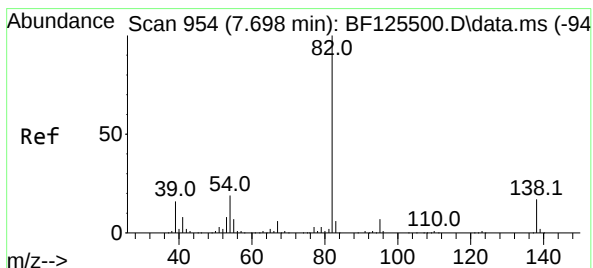
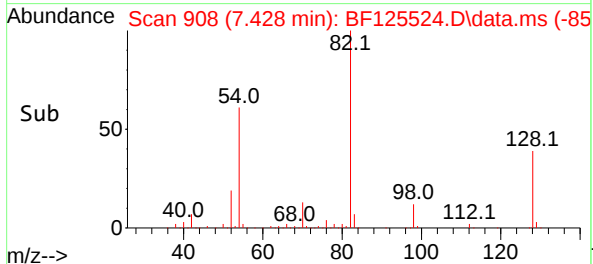
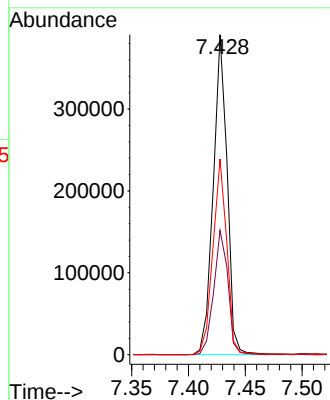
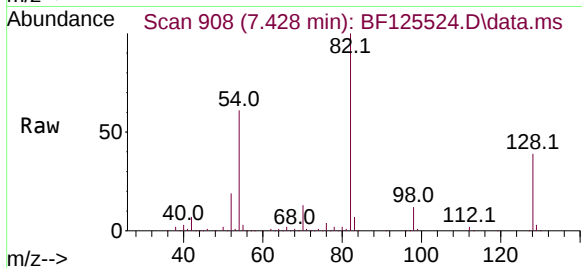




#23
Nitrobenzene-d5
Concen: 28.121 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.011 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

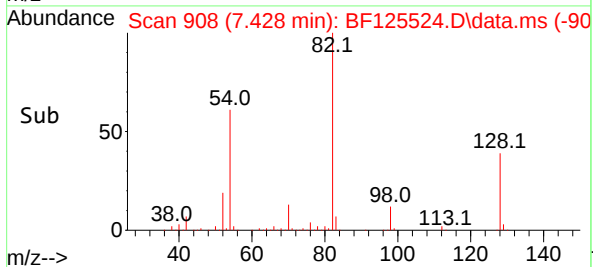
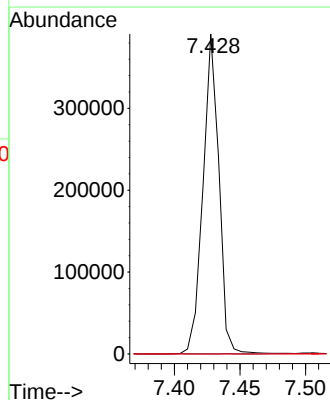
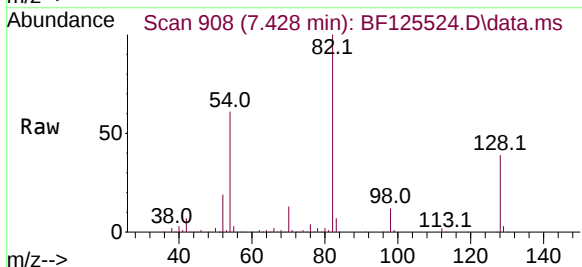
Instrument :
BNA_F
ClientSampleId :
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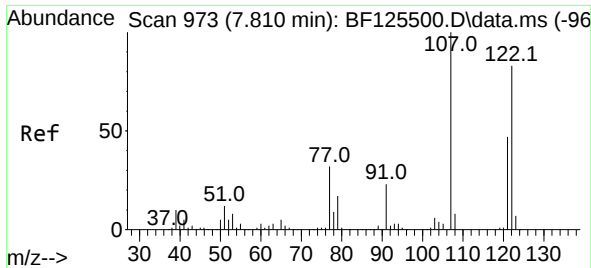
Tgt Ion: 82 Resp: 331840
Ion Ratio Lower Upper
82 100
128 38.9 40.6 60.8#
54 61.2 49.6 74.4



#25
Isophorone
Concen: 14.666 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.270 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

Tgt Ion: 82 Resp: 330206
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

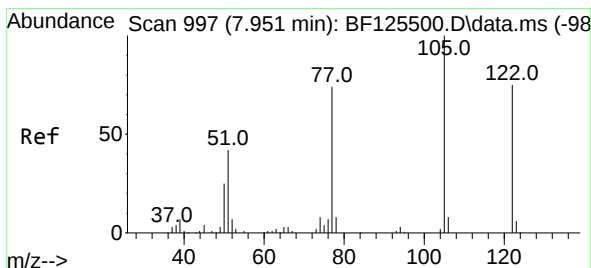
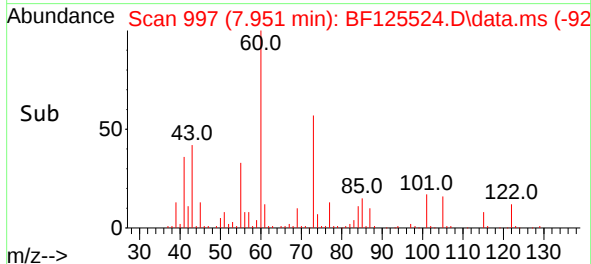
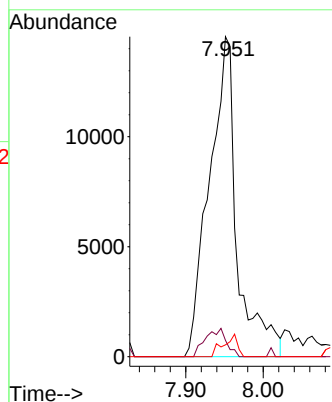
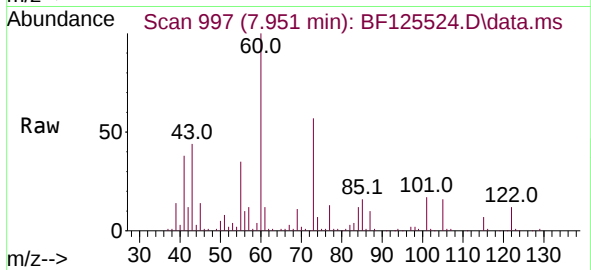




#27
2,4-Dimethylphenol
Concen: 4.450 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.141 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

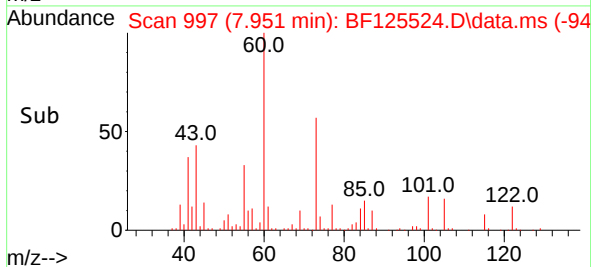
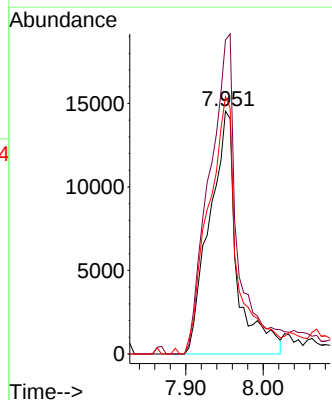
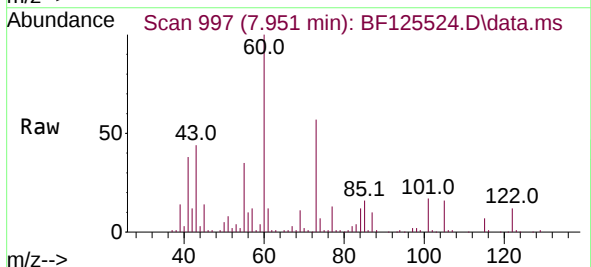
Instrument :
BNA_F
ClientSampled :
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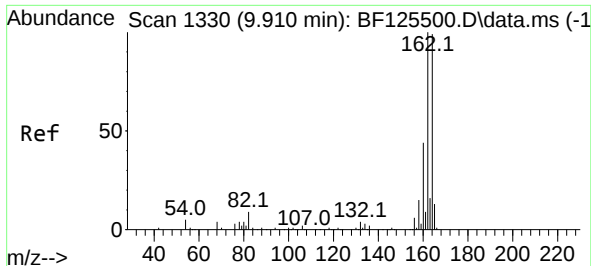
Tgt Ion:122 Resp: 36151
Ion Ratio Lower Upper
122 100
107 5.1 85.0 127.6#
121 3.7 43.3 64.9#



#32
Benzoic acid
Concen: 6.557 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

Tgt Ion:122 Resp: 36151
Ion Ratio Lower Upper
122 100
105 129.2 97.6 137.6
77 105.9 59.6 99.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF125524.D

Acq: 16 Sep 2021 1:56

Tgt Ion:164 Resp: 266822

Ion Ratio Lower Upper

164 100

162 102.3 81.3 121.9

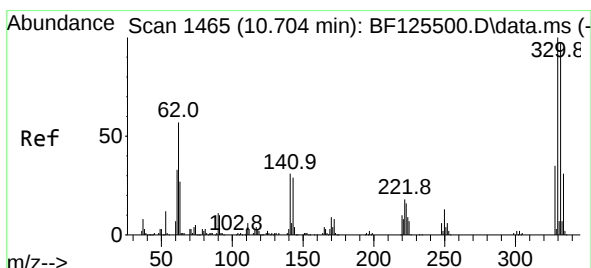
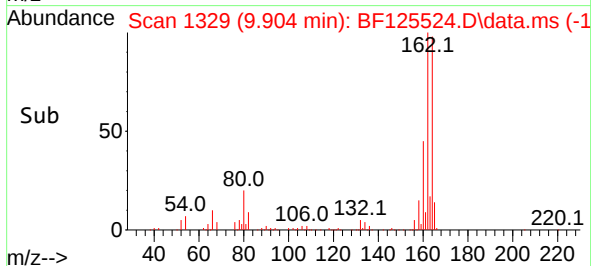
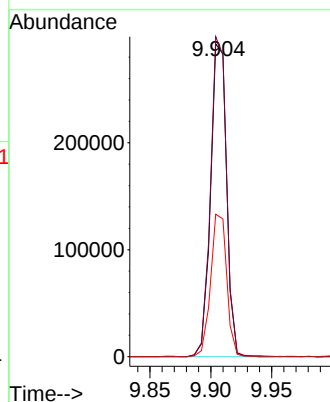
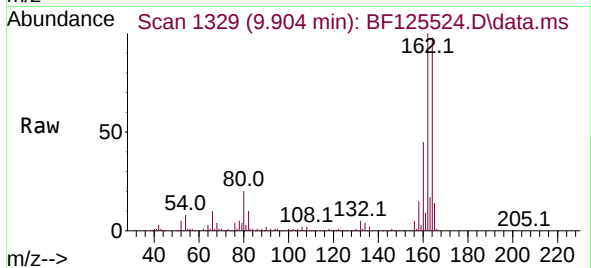
160 45.5 38.0 57.0

Instrument :

BNA_F

ClientSampleId :

A005015



#42

2,4,6-Tribromophenol

Concen: 30.973 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF125524.D

Acq: 16 Sep 2021 1:56

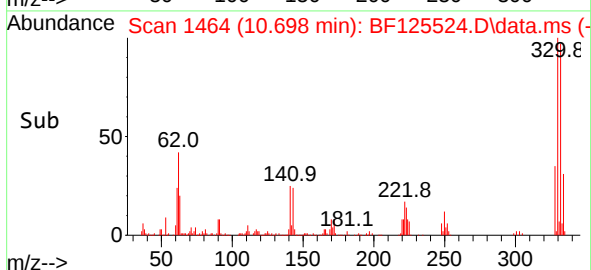
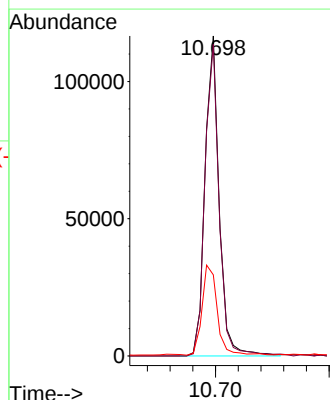
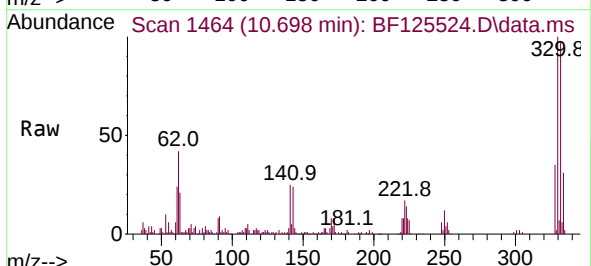
Tgt Ion:330 Resp: 100654

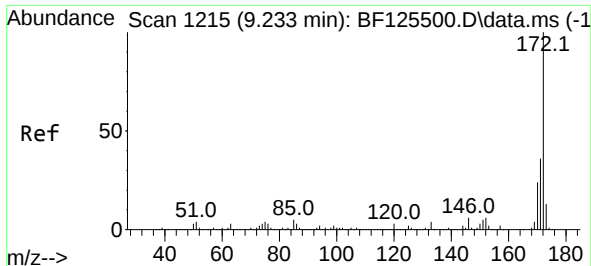
Ion Ratio Lower Upper

330 100

332 98.0 76.2 114.4

141 30.2 44.6 66.8#

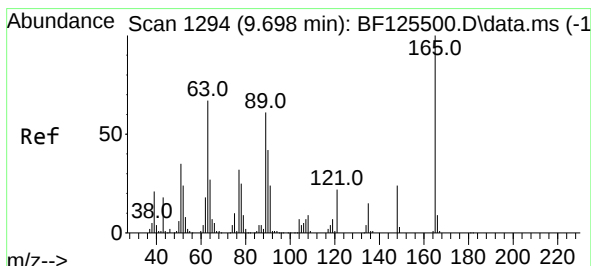
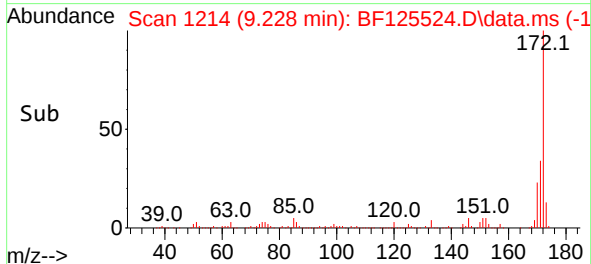
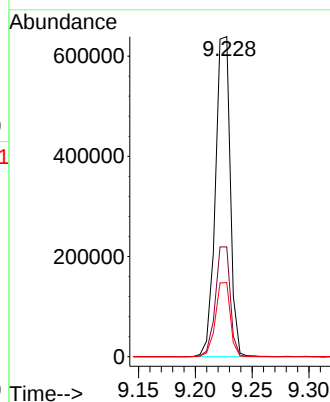
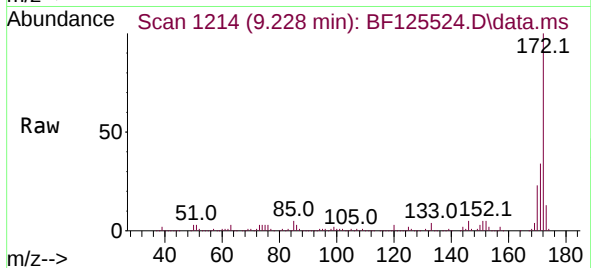




#45
2-Fluorobiphenyl
Concen: 32.011 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

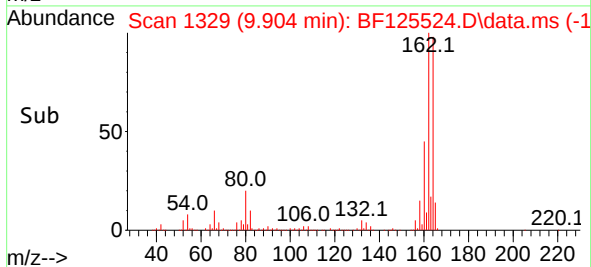
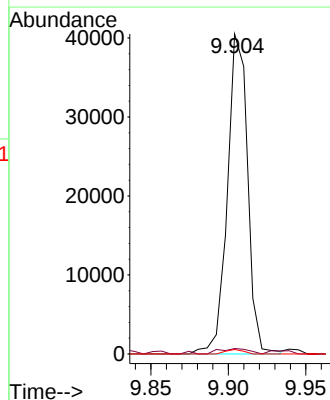
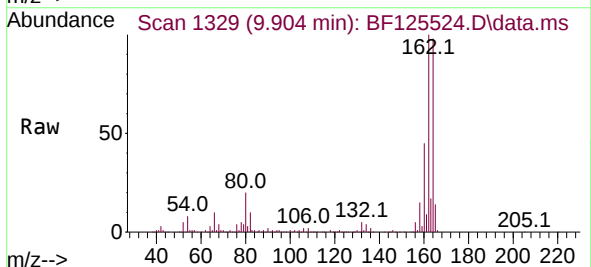
Instrument :
BNA_F
ClientSampleId :
A005015

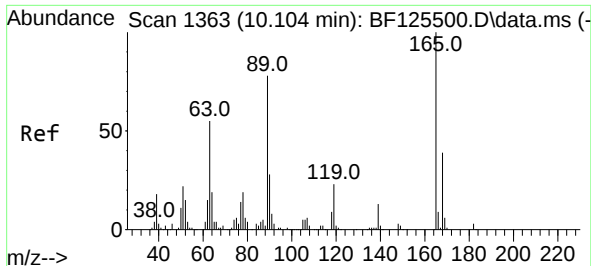
Tgt Ion:172 Resp: 582076
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 23.2 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.606 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

Tgt Ion:165 Resp: 36792
Ion Ratio Lower Upper
165 100
63 1.7 42.6 63.8#
89 1.4 40.6 60.8#

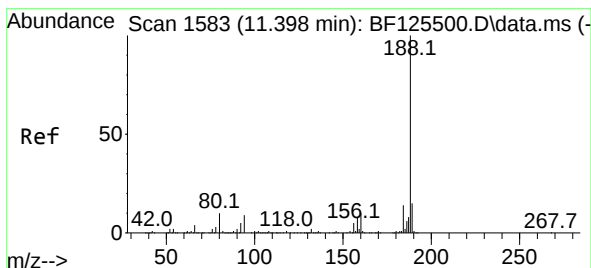
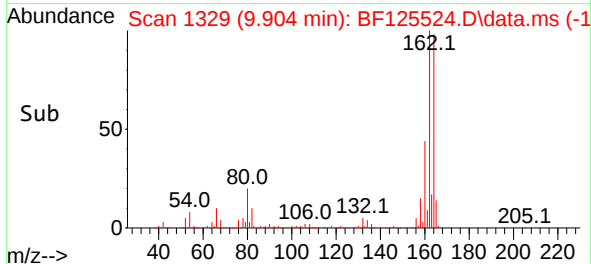
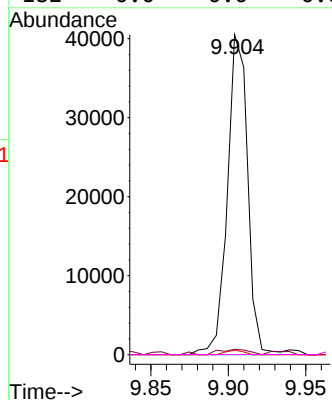
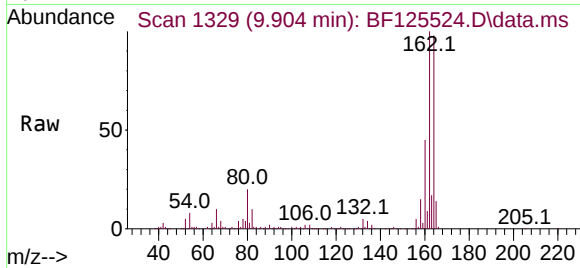




#57
2,4-Dinitrotoluene
Concen: 6.688 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

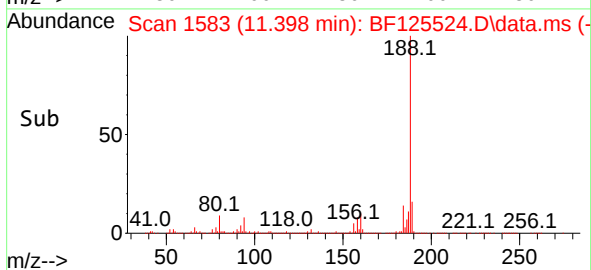
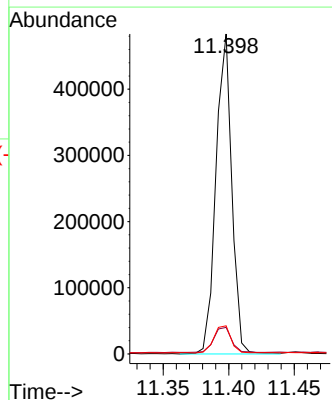
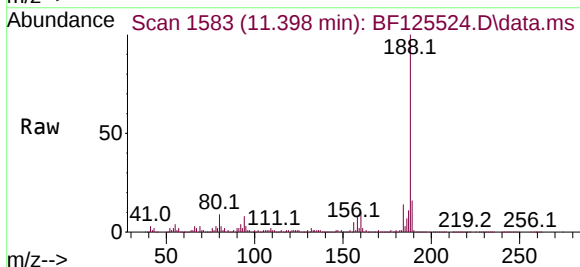
Instrument :
BNA_F
ClientSampleId :
A005015

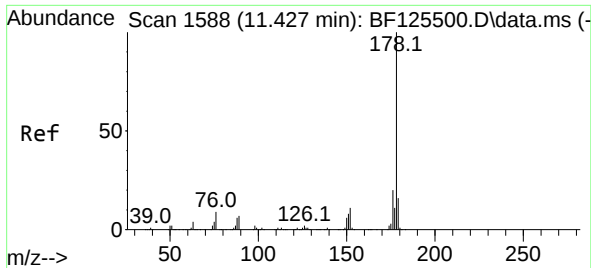
Tgt Ion:165 Resp: 36792
Ion Ratio Lower Upper
165 100
63 1.7 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

Tgt Ion:188 Resp: 405417
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.8 7.5 11.3

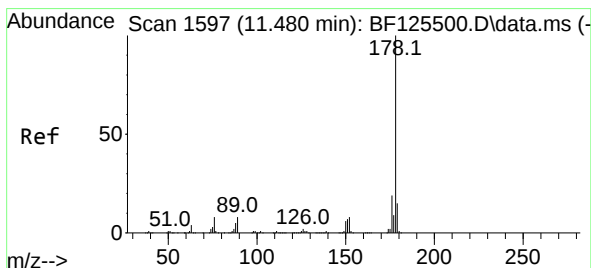
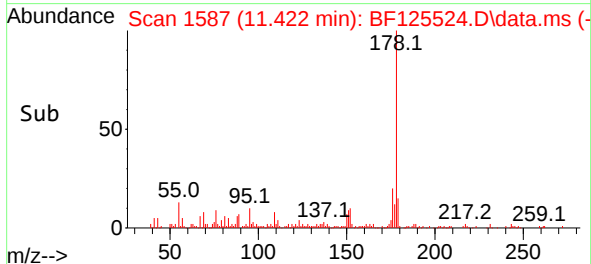
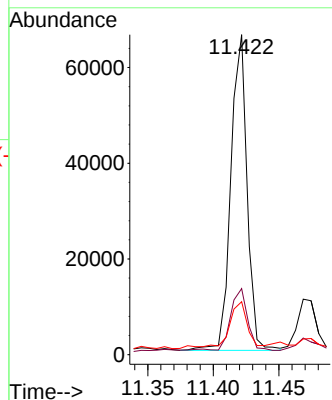
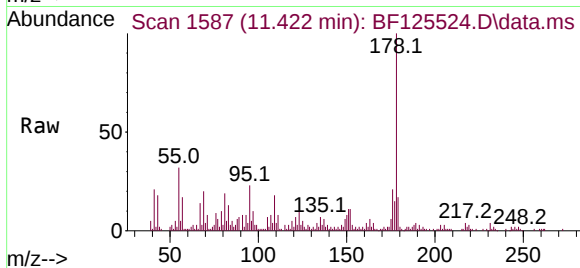




#71
Phenanthrene
Concen: 2.616 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

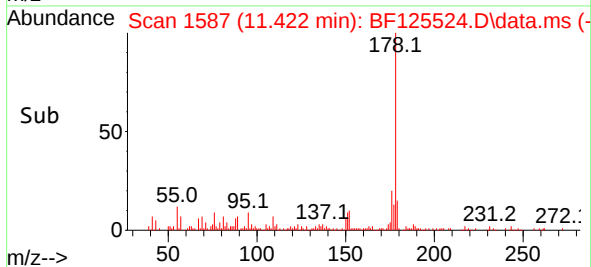
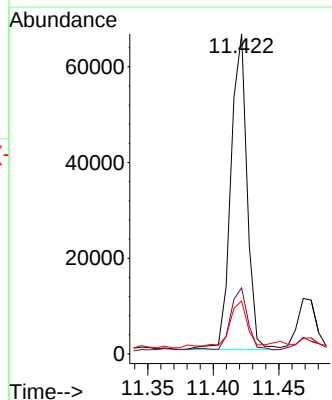
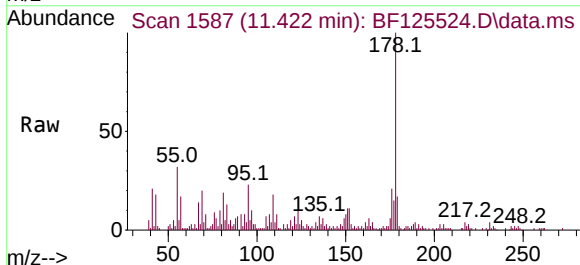
Instrument :
BNA_F
ClientSampleId :
A005015

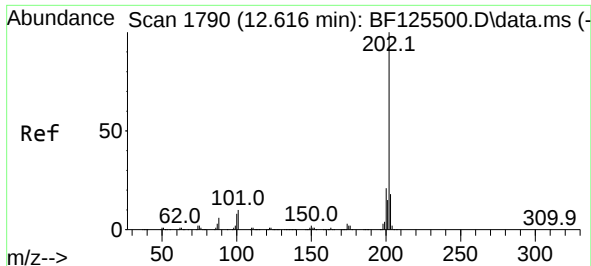
Tgt Ion:	178	Resp:	56755
Ion Ratio	Lower	Upper	
178	100		
176	20.7	14.7	22.1
179	16.6	11.5	17.3



#72
Anthracene
Concen: 2.608 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.059 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

Tgt Ion:	178	Resp:	56755
Ion Ratio	Lower	Upper	
178	100		
176	20.7	14.3	21.5
179	16.6	12.2	18.4

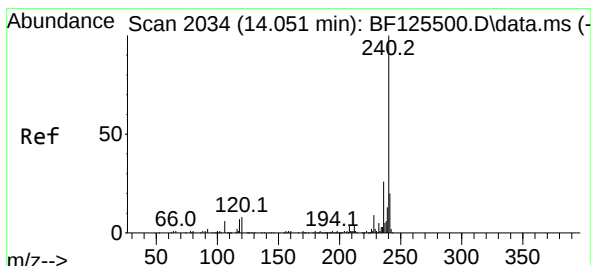
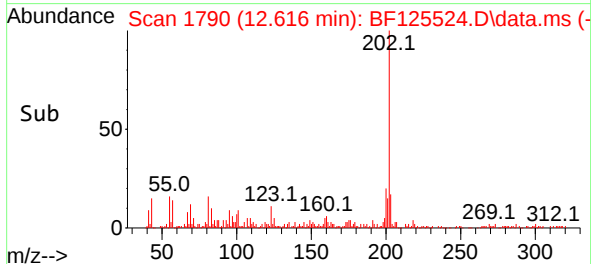
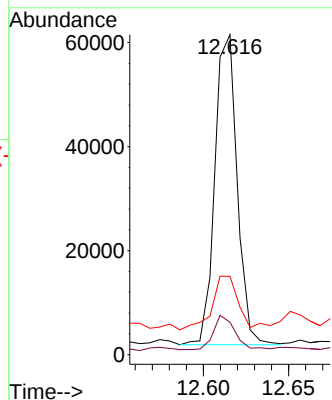
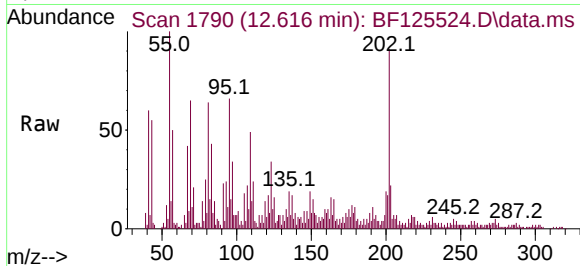




#75
Fluoranthene
Concen: 2.297 ng
RT: 12.616 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

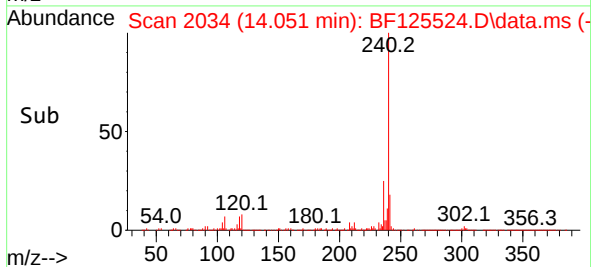
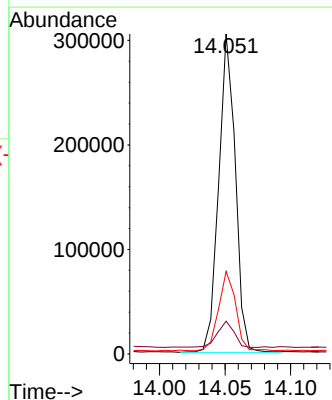
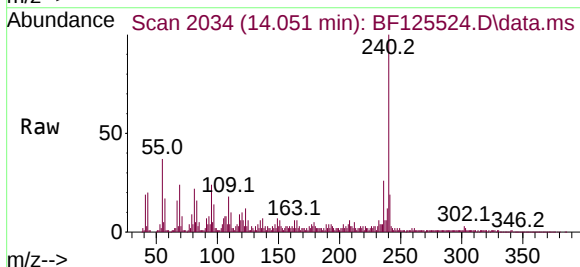
Instrument :
BNA_F
ClientSampleId :
A005015

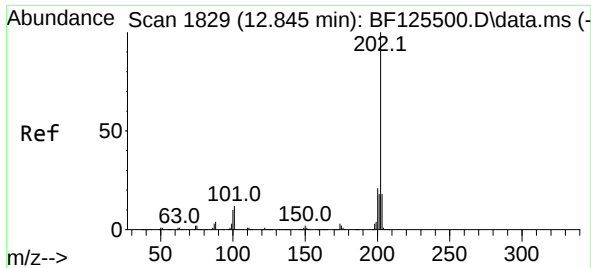
Tgt Ion:202	Resp:	54369
Ion Ratio	Lower	Upper
202	100	
101	10.1	0.0 30.7
203	24.5	0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

Tgt Ion:240	Resp:	268154
Ion Ratio	Lower	Upper
240	100	
120	10.3	10.8 16.2#
236	25.8	21.6 32.4

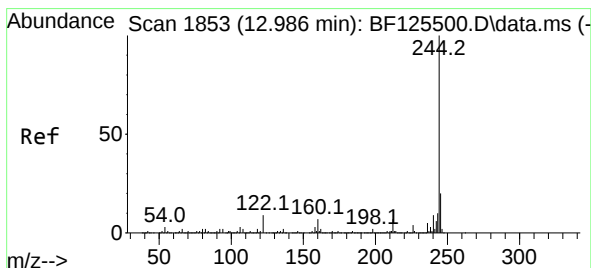
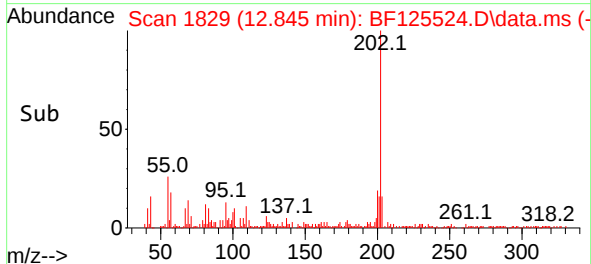
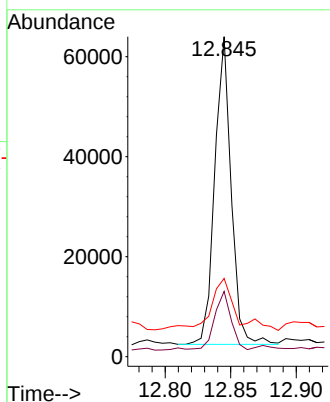
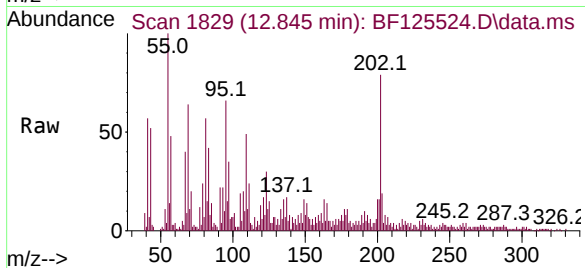




#78
Pyrene
Concen: 2.419 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

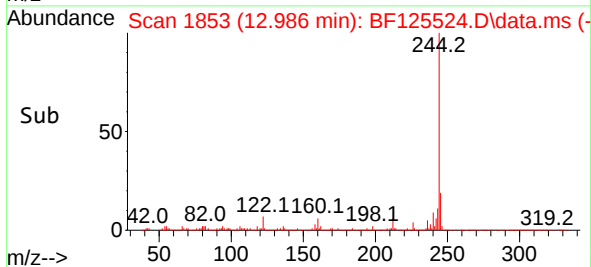
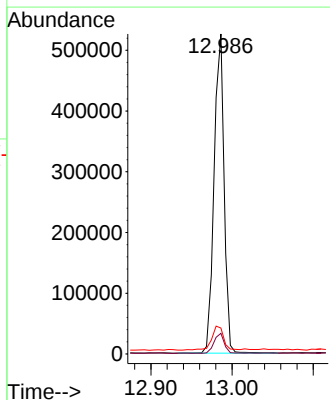
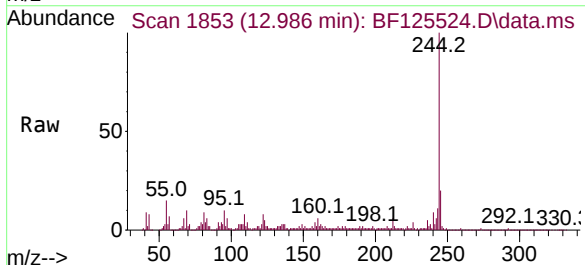
Instrument :
BNA_F
ClientSampleId :
A005015

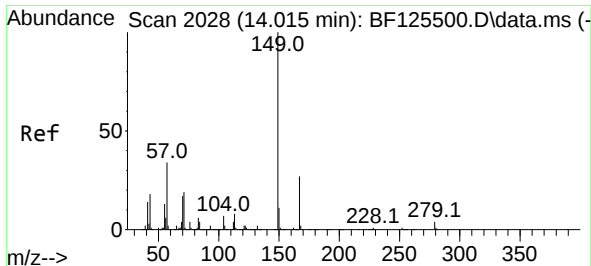
Tgt Ion:202 Resp: 53573
Ion Ratio Lower Upper
202 100
200 20.4 15.3 22.9
203 24.5 13.4 20.0#



#79
Terphenyl-d14
Concen: 27.200 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

Tgt Ion:244 Resp: 449808
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 8.1 9.0 13.4#

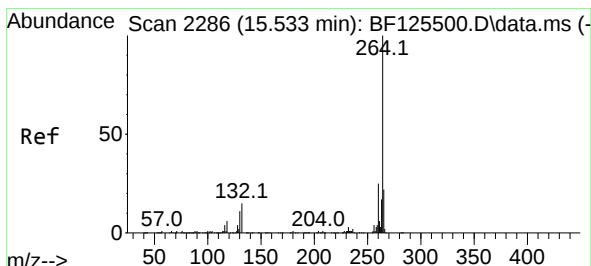
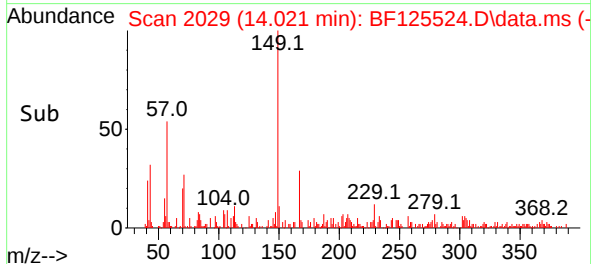
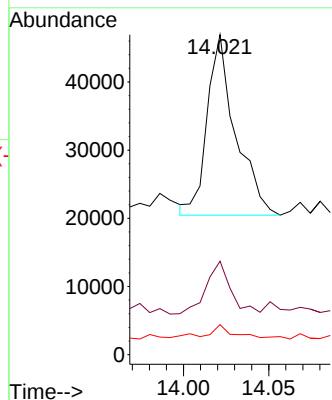
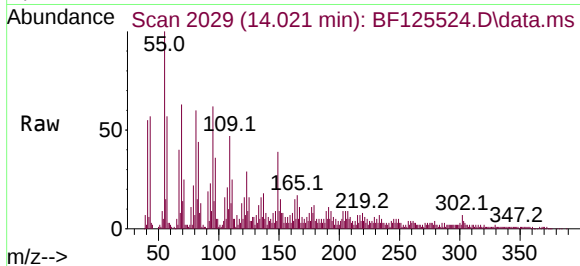




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.609 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

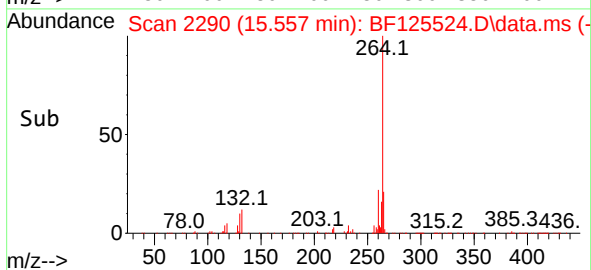
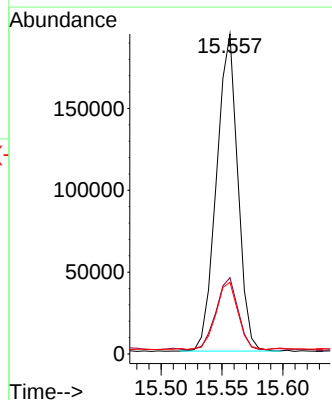
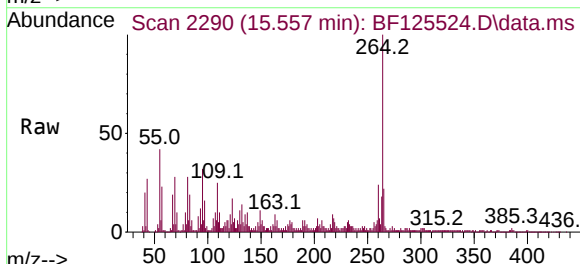
Instrument :
BNA_F
ClientSampled :
A005015

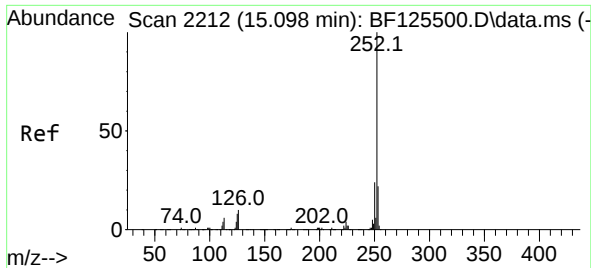
Tgt Ion:149 Resp: 30570
Ion Ratio Lower Upper
149 100
167 29.2 21.4 32.0
279 9.4 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.024 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

Tgt Ion:264 Resp: 236314
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 22.4 17.2 25.8

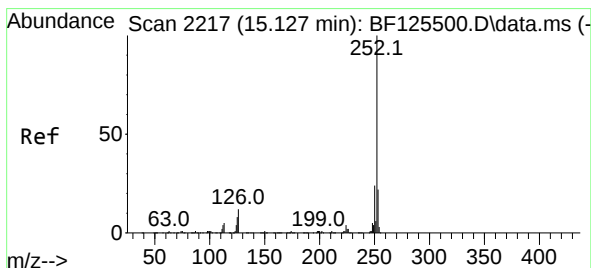
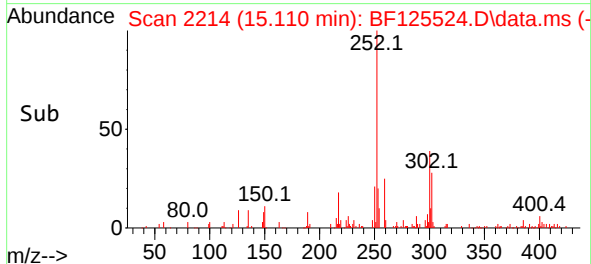
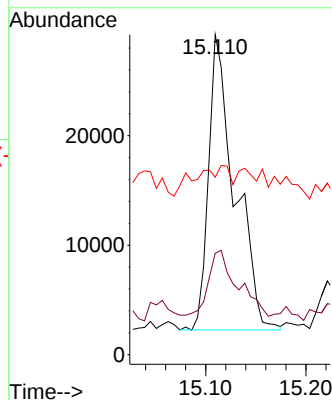
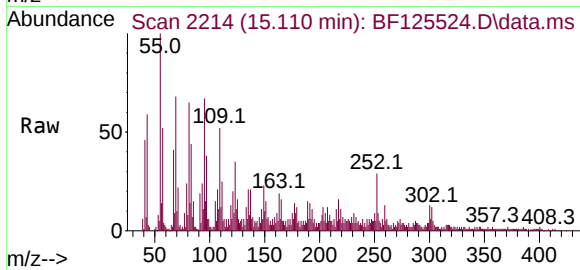




#88
Benzo(b)fluoranthene
Concen: 2.745 ng
RT: 15.110 min Scan# 2214
Delta R.T. 0.012 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

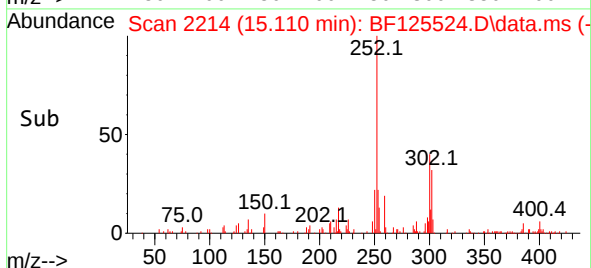
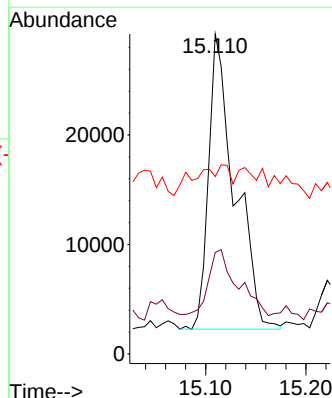
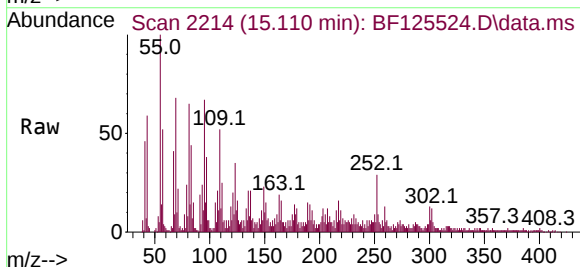
Instrument :
BNA_F
ClientSampled :
A005015

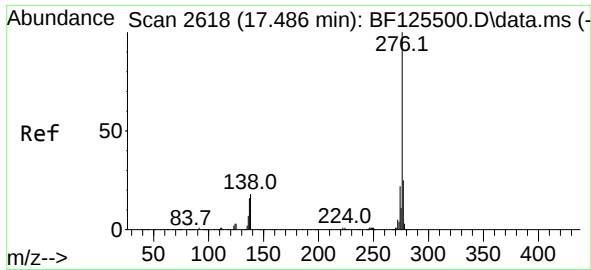
Tgt Ion:252 Resp: 49191
Ion Ratio Lower Upper
252 100
253 31.7 16.8 25.2#
125 55.5 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 2.983 ng
RT: 15.110 min Scan# 2214
Delta R.T. -0.018 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

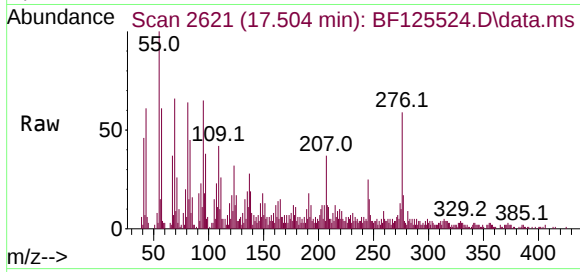
Tgt Ion:252 Resp: 49191
Ion Ratio Lower Upper
252 100
253 31.7 17.8 26.8#
125 55.5 7.2 10.8#





#92
Benzo(g,h,i)perylene
Concen: 2.331 ng
RT: 17.504 min Scan# 2621
Delta R.T. 0.018 min
Lab File: BF125524.D
Acq: 16 Sep 2021 1:56

Instrument :
BNA_F
ClientSampleId :
A005015



Tgt Ion:	276	Resp:	29962
Ion Ratio	Lower	Upper	
276	100		
277	28.5	22.0	33.0
138	32.9	22.2	33.4

