

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
 Data File : BF125188.D
 Acq On : 24 Aug 2021 16:44
 Operator : JU/CG
 Sample : M3521-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124027

Quant Time: Aug 24 17:15:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

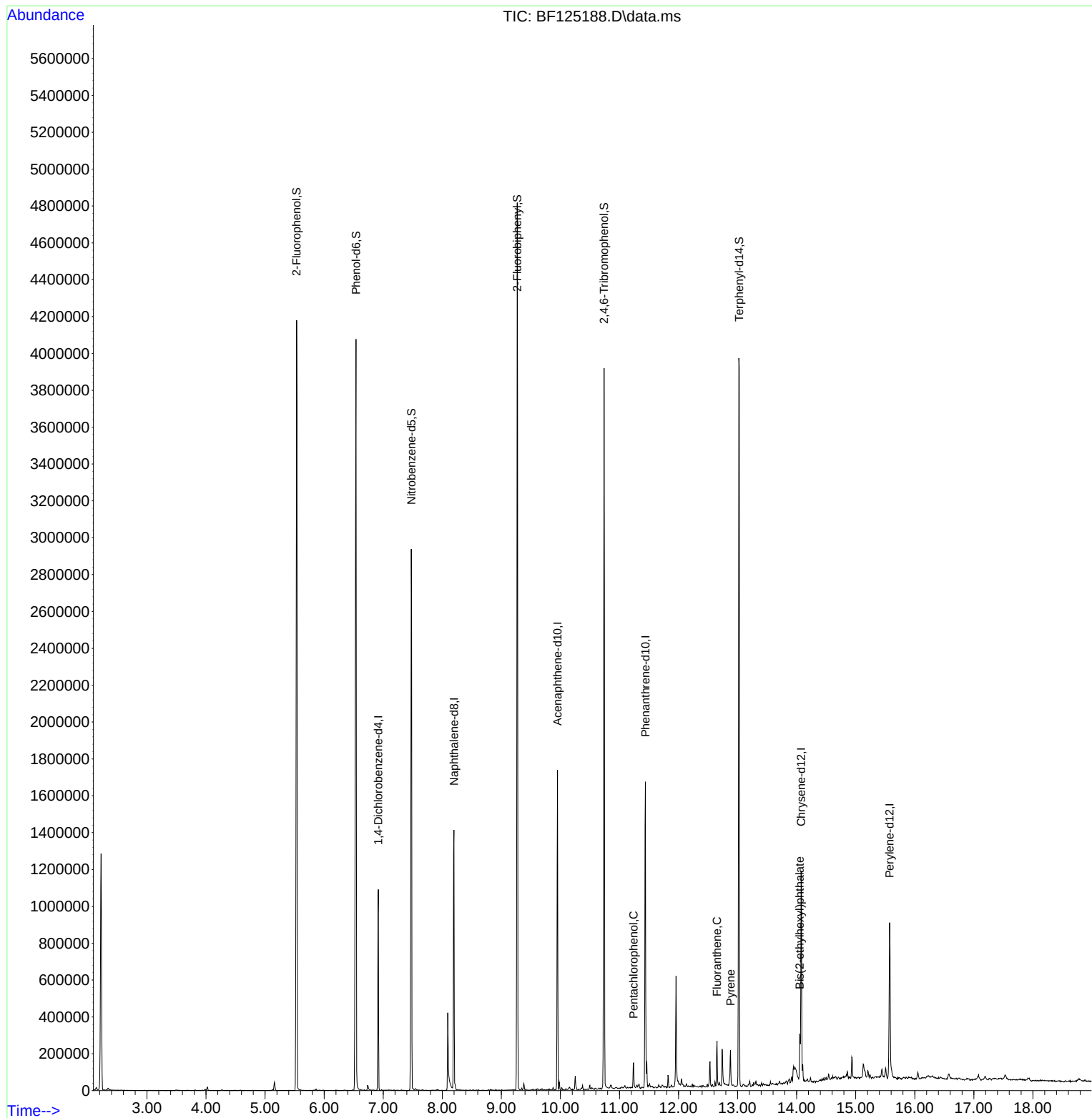
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	151622	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	602024	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	326382	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	600506	20.000	ng	0.00
76) Chrysene-d12	14.074	240	387977	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	391810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1161354	115.935	ng	0.00
7) Phenol-d6	6.540	99	1472631	113.668	ng	0.00
23) Nitrobenzene-d5	7.475	82	995640	83.260	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	498834	153.110	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1462631	62.458	ng	0.00
79) Terphenyl-d14	13.027	244	1509675	61.989	ng	0.00
Target Compounds						
						Qvalue
70) Pentachlorophenol	11.239	266	17204	3.972	ng	94
75) Fluoranthene	12.651	202	88906	2.708	ng	98
78) Pyrene	12.880	202	78371	2.355	ng	96
84) Bis(2-ethylhexyl)phtha...	14.051	149	62940	3.502	ng	99

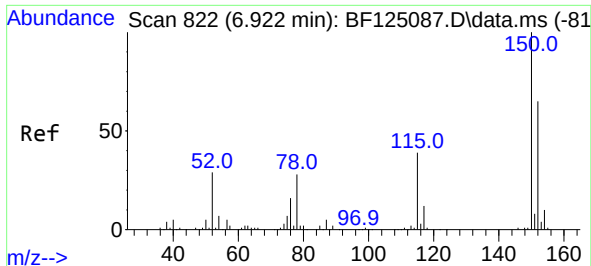
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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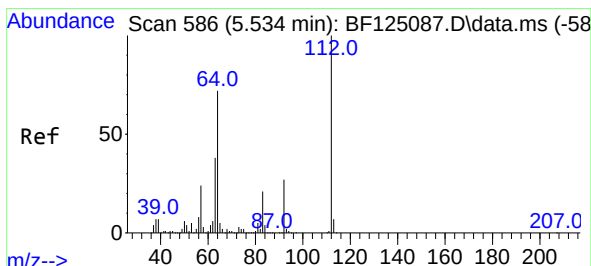
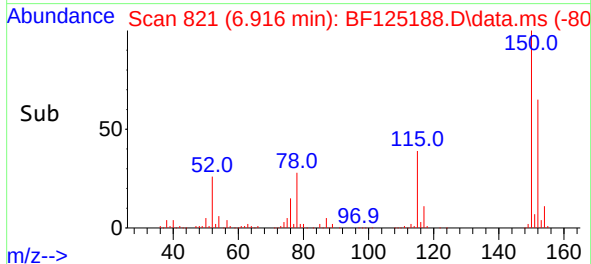
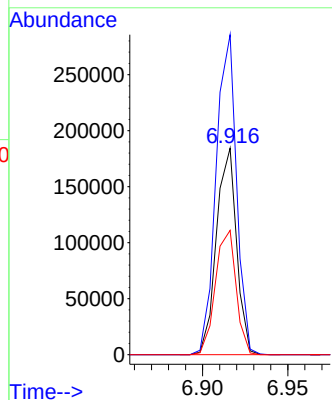
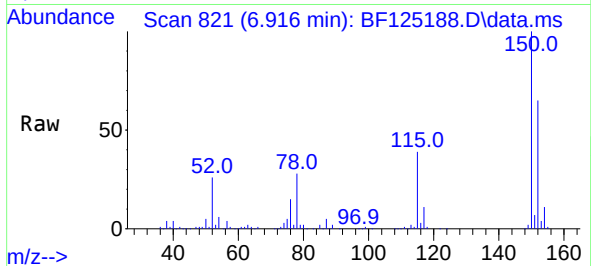




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

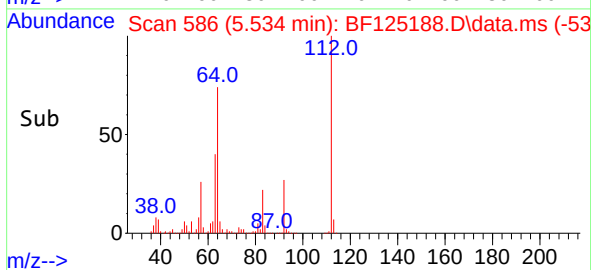
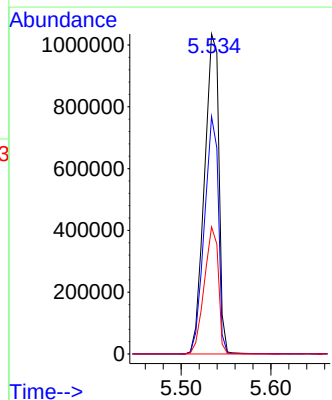
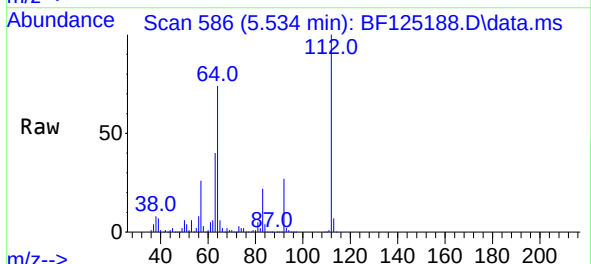
Instrument :
BNA_F
ClientSampleId :
124027

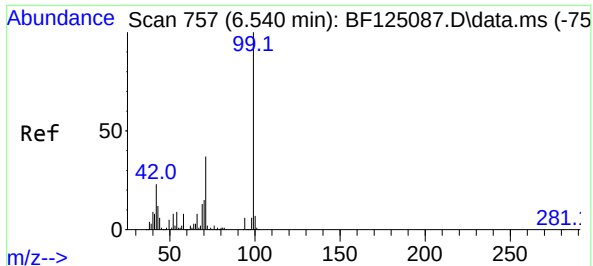
Tgt Ion:152 Resp: 151622
Ion Ratio Lower Upper
152 100
150 154.9 117.6 176.4
115 60.2 47.1 70.7



#5
2-Fluorophenol
Concen: 115.935 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Tgt Ion:112 Resp: 1161354
Ion Ratio Lower Upper
112 100
64 74.2 44.2 66.2#
63 39.7 26.2 39.2#

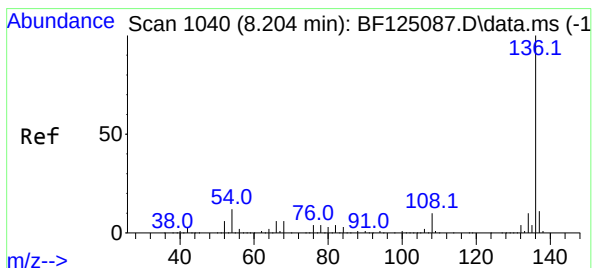
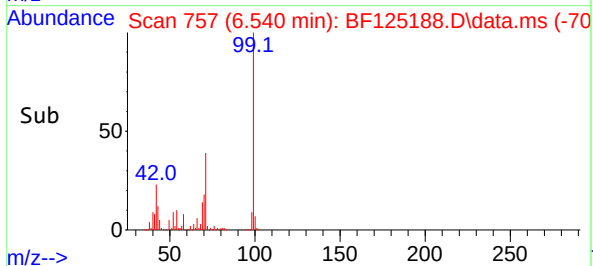
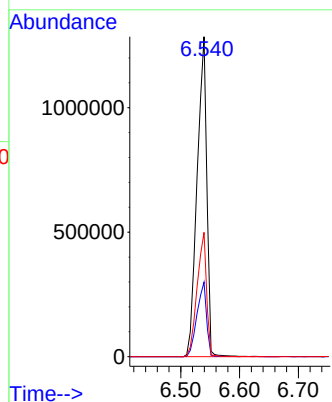
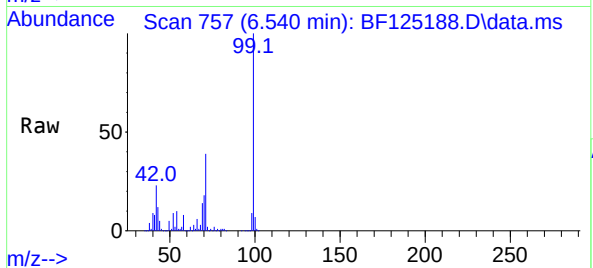




#7
Phenol-d6
Concen: 113.668 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

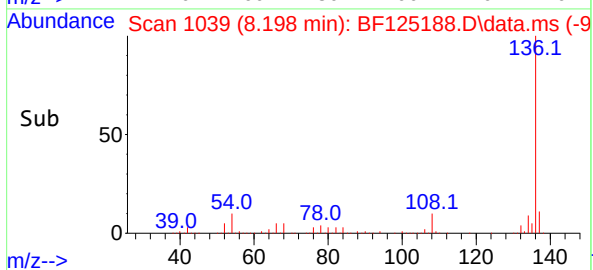
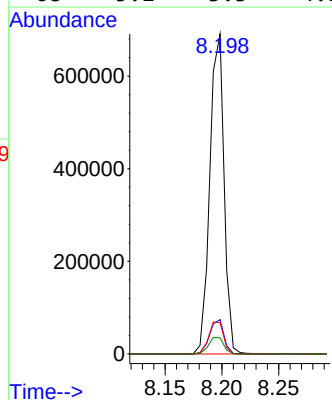
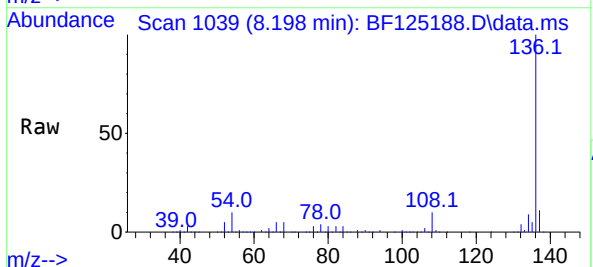
Instrument :
BNA_F
ClientSampleId :
124027

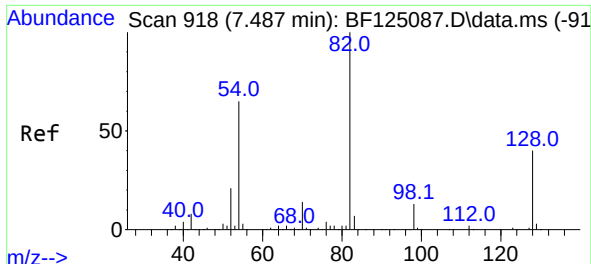
Tgt Ion: 99 Resp: 1472631
Ion Ratio Lower Upper
99 100
42 23.3 23.5 35.3#
71 38.8 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Tgt Ion: 136 Resp: 602024
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 9.8 6.4 9.6#
68 5.1 3.3 4.9#

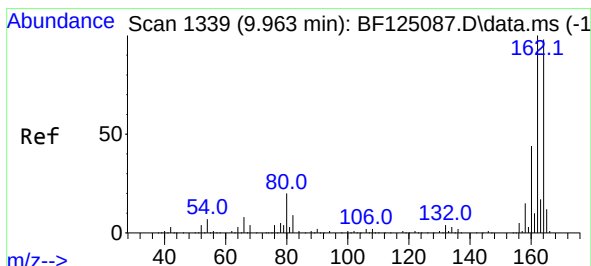
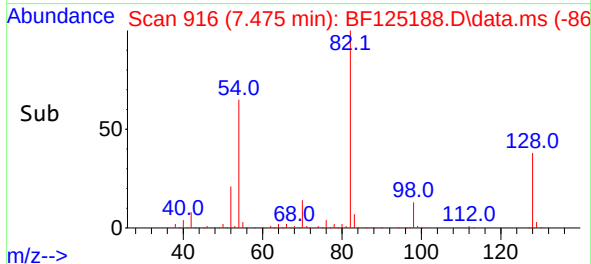
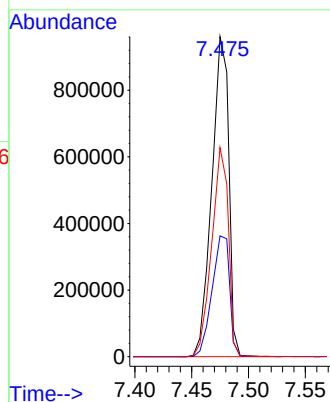
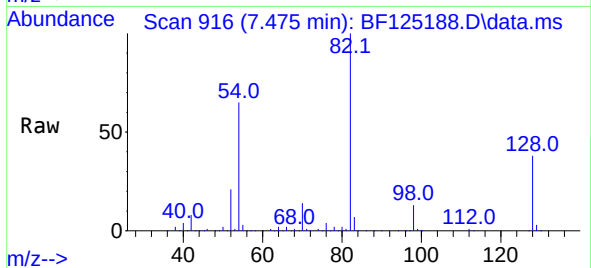




#23
Nitrobenzene-d5
Concen: 83.260 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

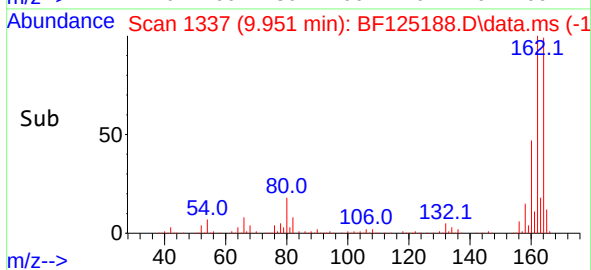
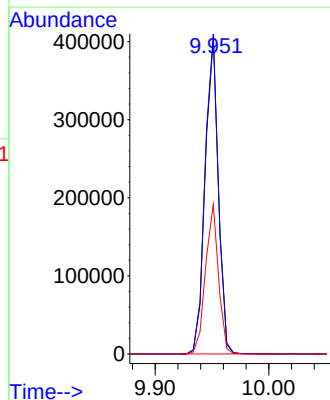
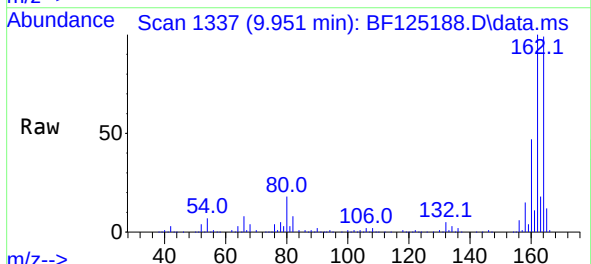
Instrument :
BNA_F
ClientSampleId :
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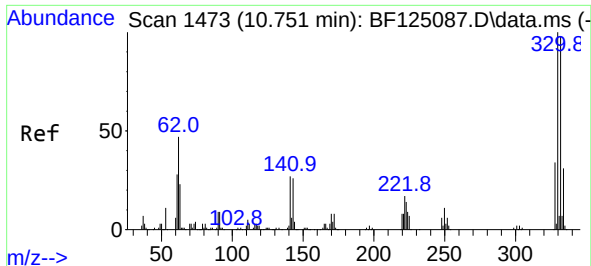
Tgt Ion: 82 Resp: 995640
Ion Ratio Lower Upper
82 100
128 37.8 40.6 60.8#
54 65.4 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Tgt Ion: 164 Resp: 326382
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 47.5 38.0 57.0

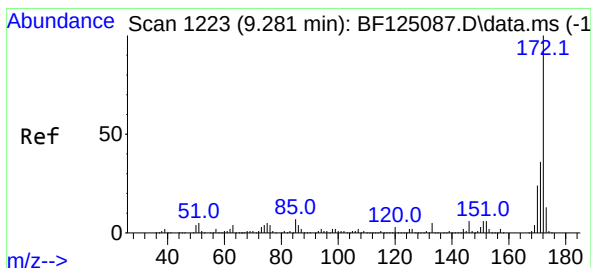
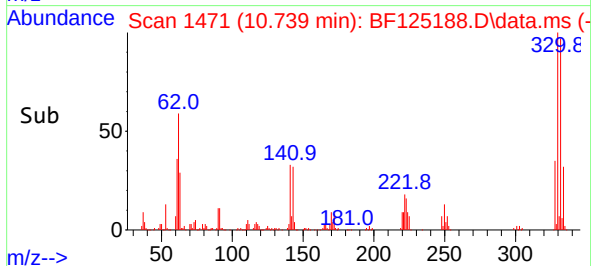
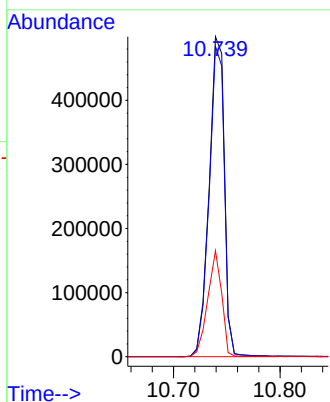
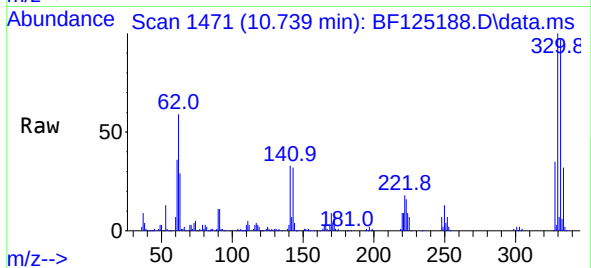




#42
2,4,6-Tribromophenol
Concen: 153.110 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

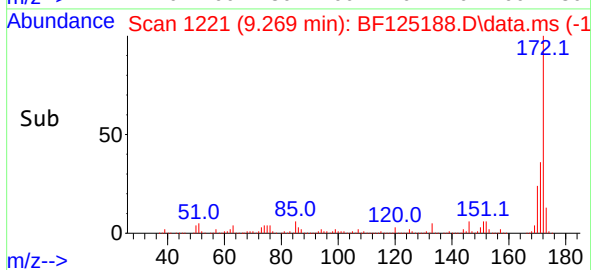
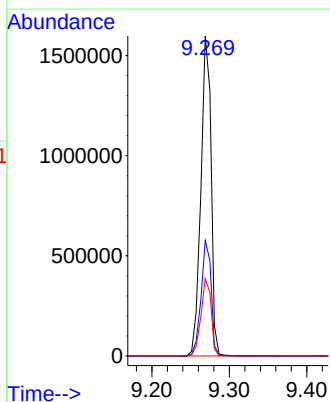
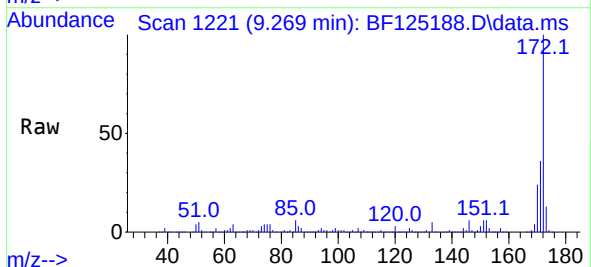
Instrument :
BNA_F
ClientSampleId :
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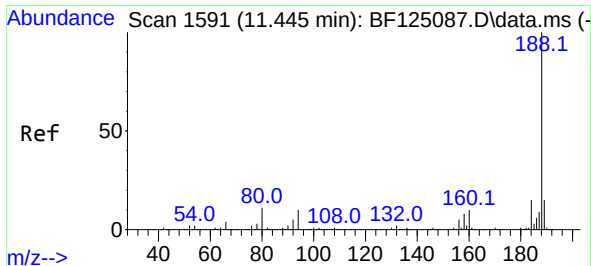
Tgt Ion: 330 Resp: 498834
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 30.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 62.458 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Tgt Ion: 172 Resp: 1462631
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 24.2 18.8 28.2

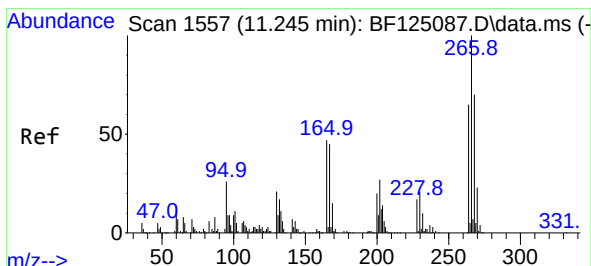
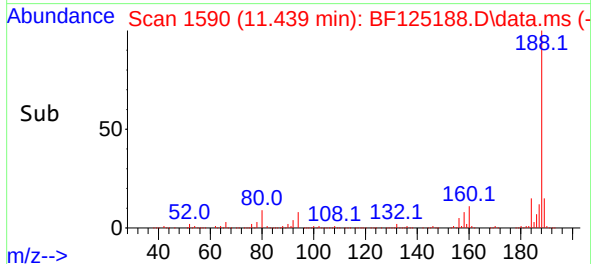
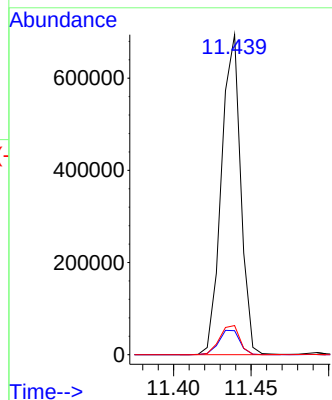
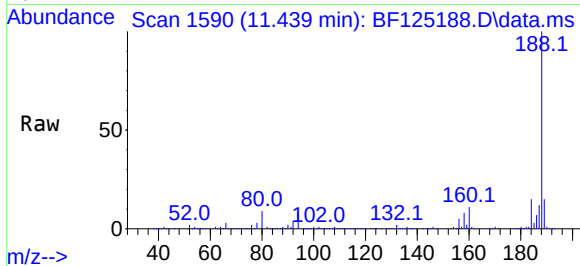




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

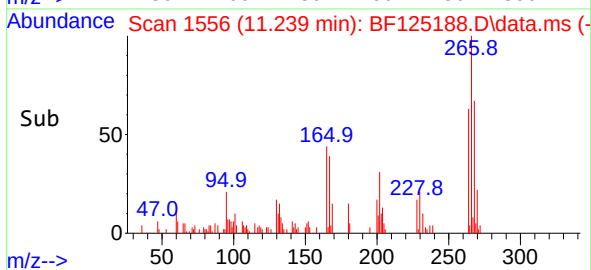
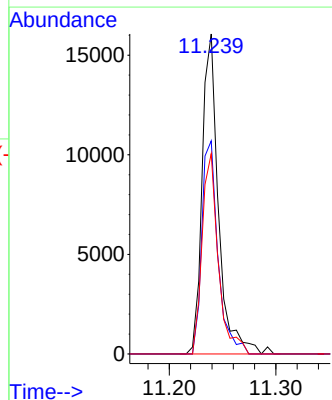
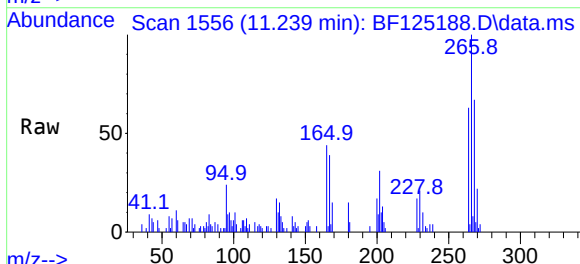
Instrument :
BNA_F
ClientSampled :
124027

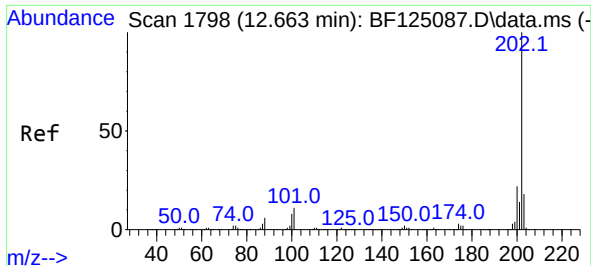
Tgt Ion:188 Resp: 600506
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 9.1 7.5 11.3



#70
Pentachlorophenol
Concen: 3.972 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Tgt Ion:266 Resp: 17204
Ion Ratio Lower Upper
266 100
268 66.6 48.9 73.3
264 66.5 55.9 83.9

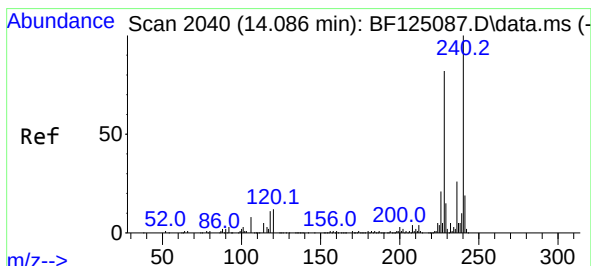
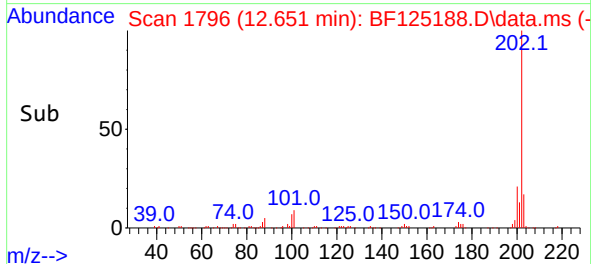
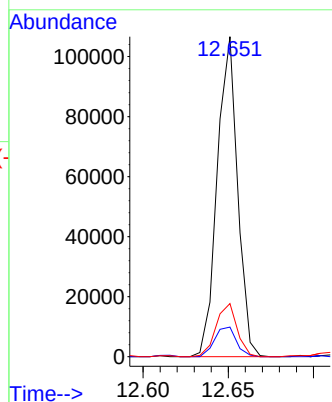
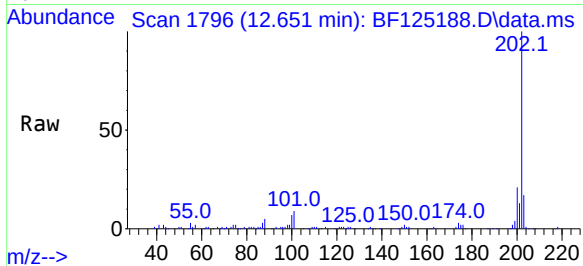




#75
Fluoranthene
Concen: 2.708 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

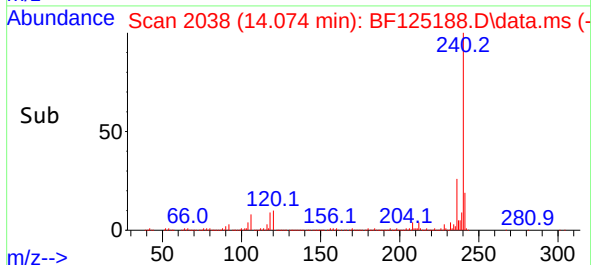
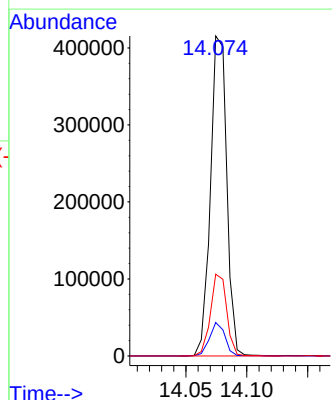
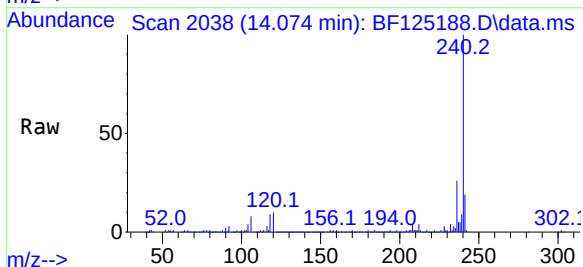
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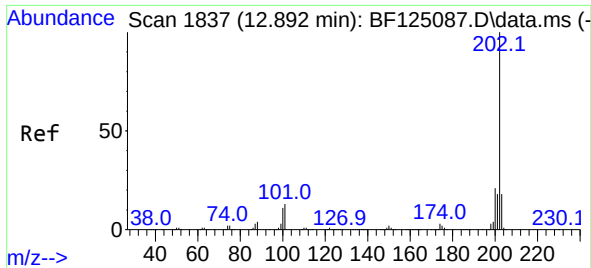
Tgt Ion:	202	Resp:	88906
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	30.7
203	16.6	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Tgt Ion:	240	Resp:	387977
Ion Ratio	Lower	Upper	
240	100		
120	10.4	10.8	16.2#
236	25.6	21.6	32.4

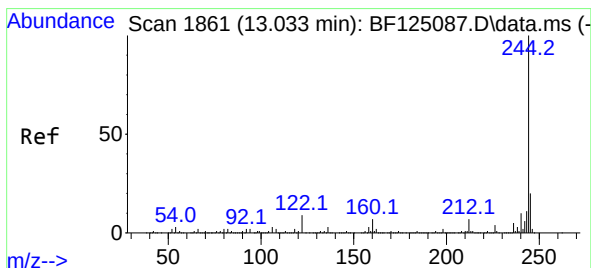
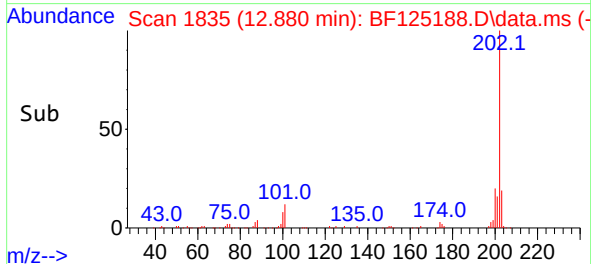
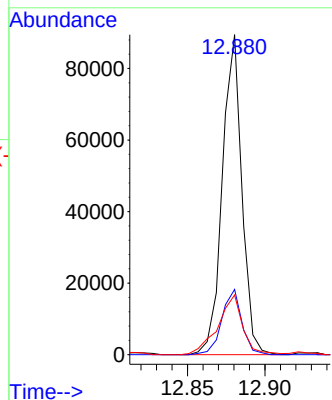
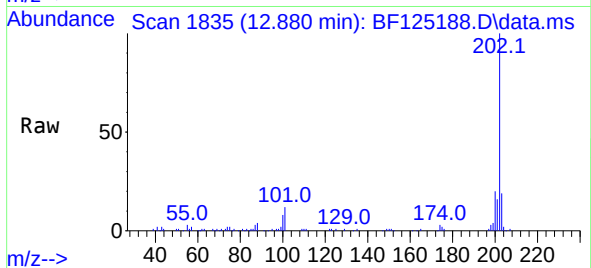




#78
Pyrene
Concen: 2.355 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

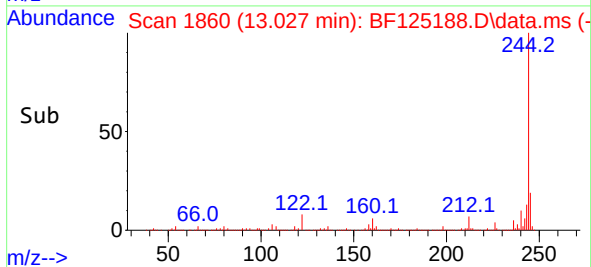
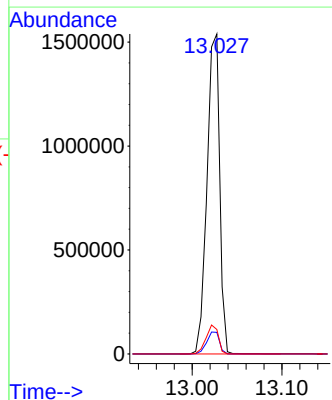
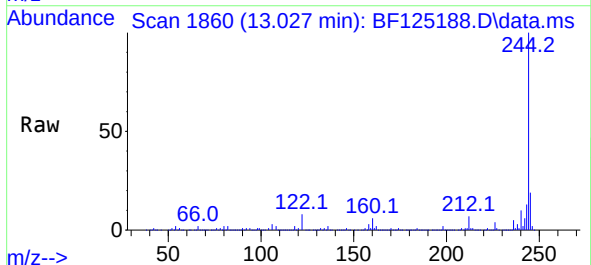
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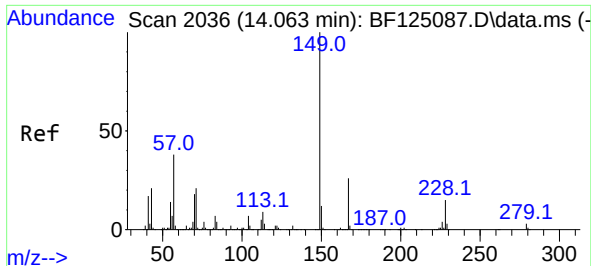
Tgt Ion:202 Resp: 78371
Ion Ratio Lower Upper
202 100
200 20.4 15.3 22.9
203 18.7 13.4 20.0



#79
Terphenyl-d14
Concen: 61.989 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Tgt Ion:244 Resp: 1509675
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 7.7 9.0 13.4#

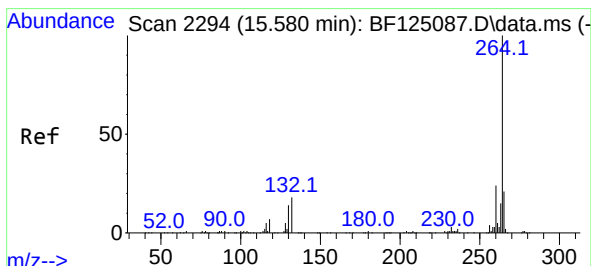
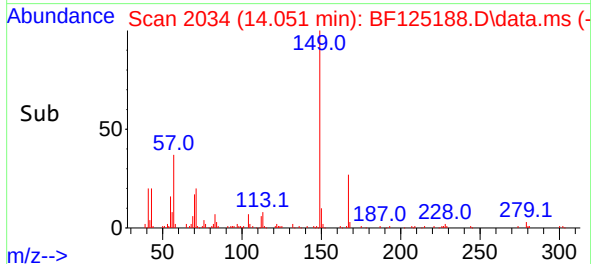
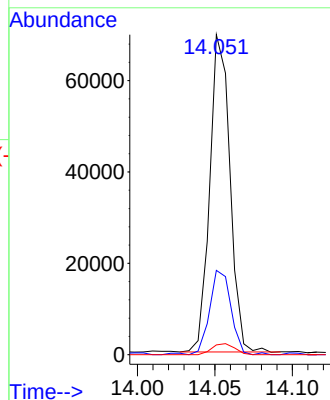
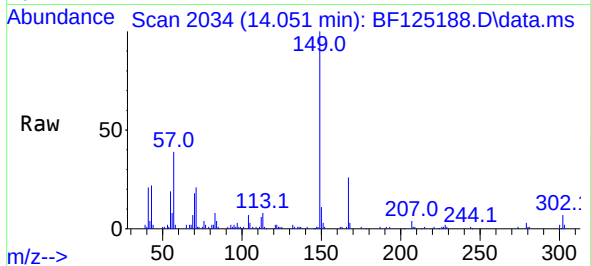




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.502 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Instrument :
BNA_F
ClientSampleId :
124027

Tgt Ion:149 Resp: 62940
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.0
279 3.0 2.6 4.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Tgt Ion:264 Resp: 391810
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 20.9 17.2 25.8

