

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
 Data File : BF125123.D
 Acq On : 19 Aug 2021 19:58
 Operator : JU/CG
 Sample : M3430-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Quant Time: Aug 20 02:53:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	164394	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	633802	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	323052	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	557076	20.000	ng	0.00
76) Chrysene-d12	14.080	240	344249	20.000	ng	0.00
86) Perylene-d12	15.580	264	335783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	945957	87.096	ng	0.00
7) Phenol-d6	6.539	99	1231229	87.651	ng	0.00
23) Nitrobenzene-d5	7.481	82	802551	63.748	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	327857	101.668	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1374218	59.287	ng	0.00
79) Terphenyl-d14	13.033	244	1295135	59.935	ng	0.00

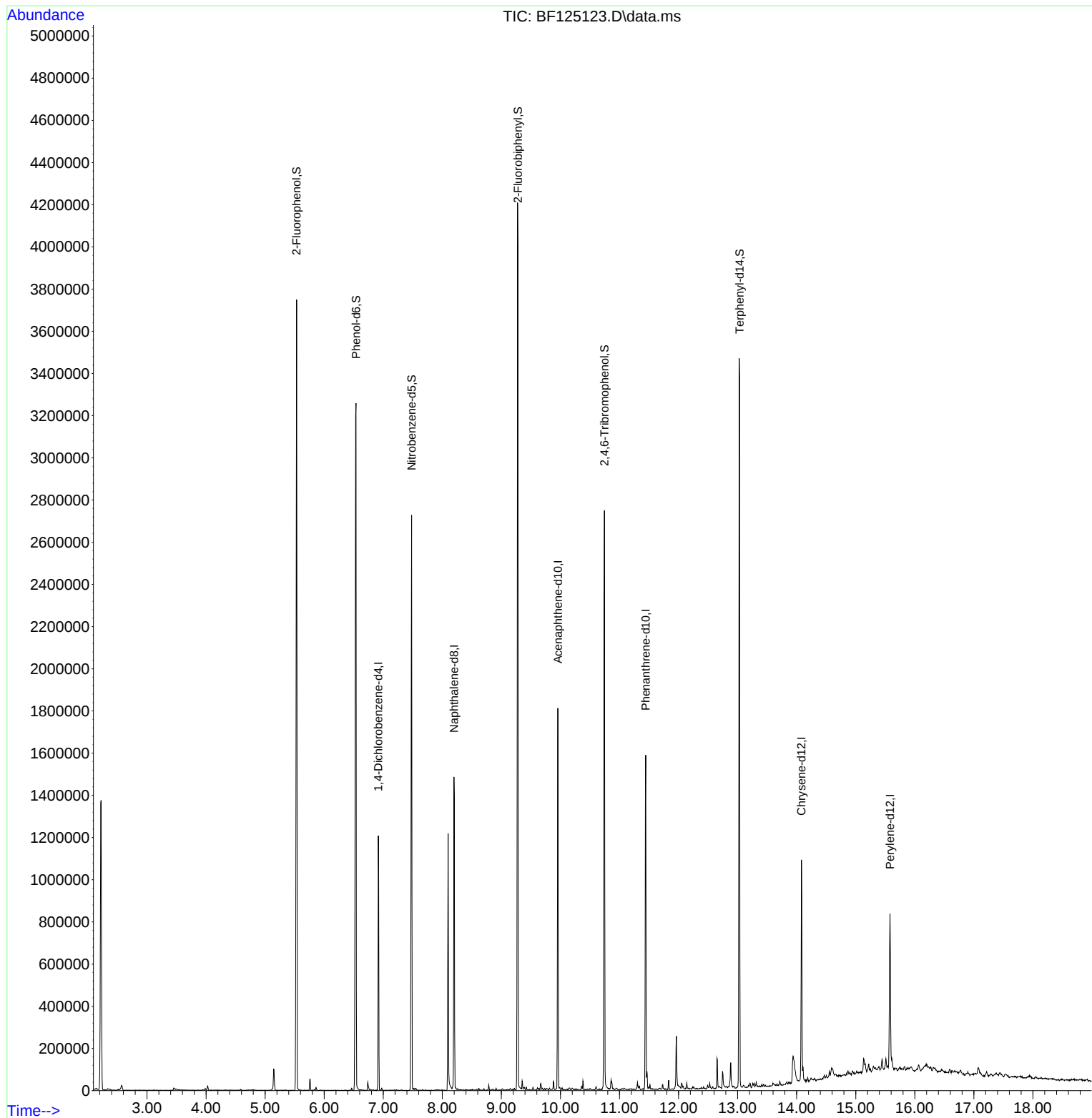
Target Compounds	Qvalue

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

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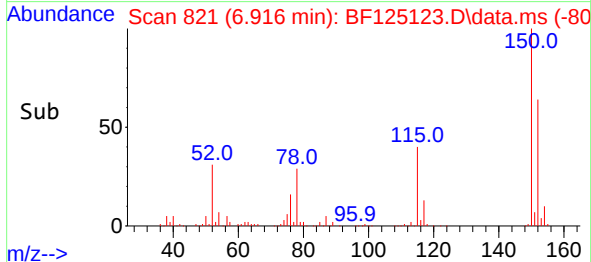
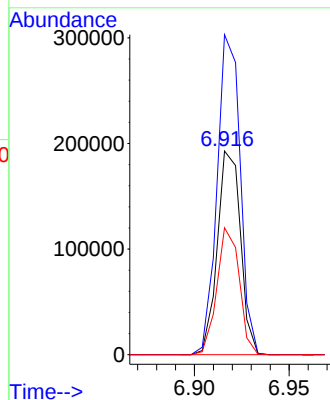
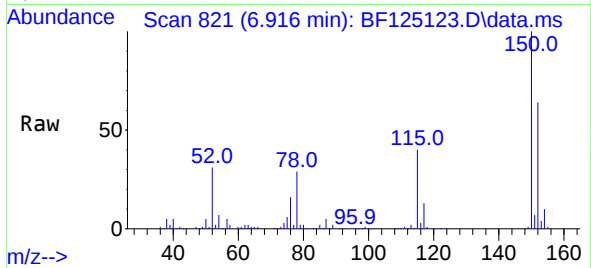




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125123.D
Acq: 19 Aug 2021 19:58

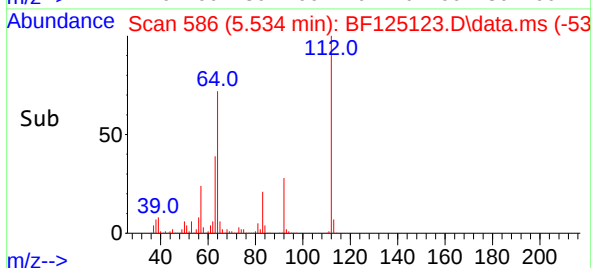
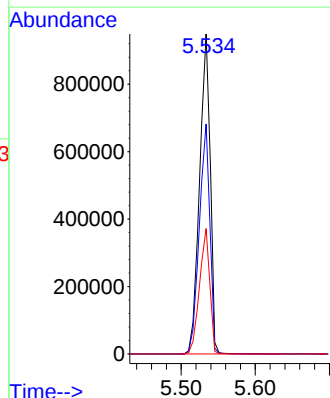
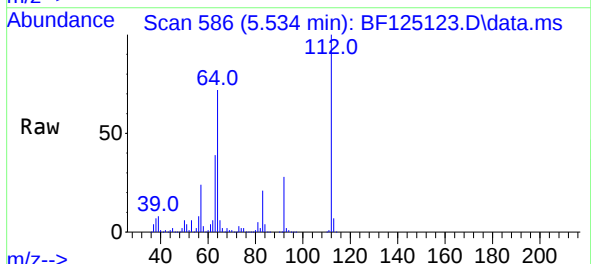
Instrument :
BNA_F
ClientSampleId :
PE-2

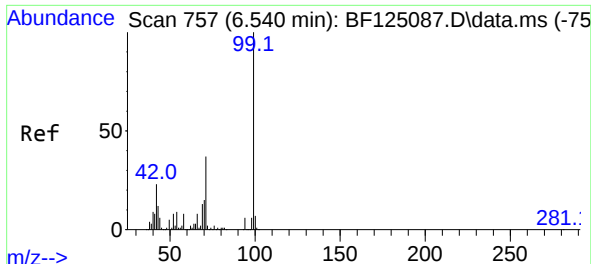
Tgt Ion:152 Resp: 164394
Ion Ratio Lower Upper
152 100
150 157.0 117.6 176.4
115 62.3 47.1 70.7



#5
2-Fluorophenol
Concen: 87.096 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.000 min
Lab File: BF125123.D
Acq: 19 Aug 2021 19:58

Tgt Ion:112 Resp: 945957
Ion Ratio Lower Upper
112 100
64 71.9 44.2 66.2#
63 39.2 26.2 39.2

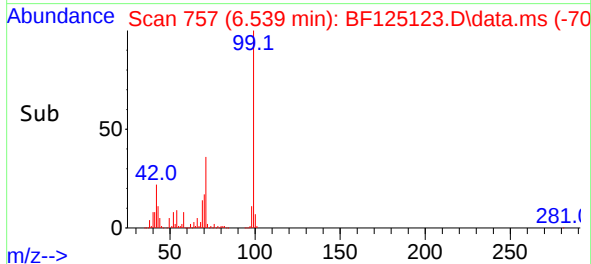
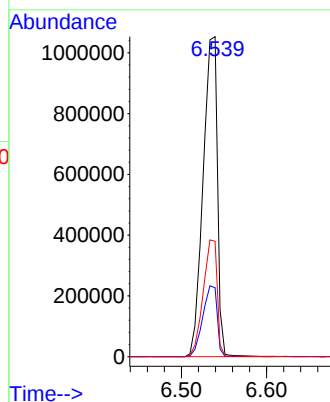
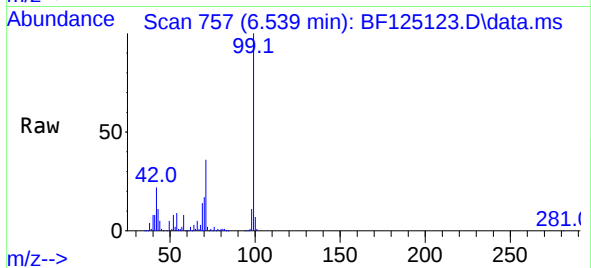




#7
Phenol-d6
Concen: 87.651 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125123.D
Acq: 19 Aug 2021 19:58

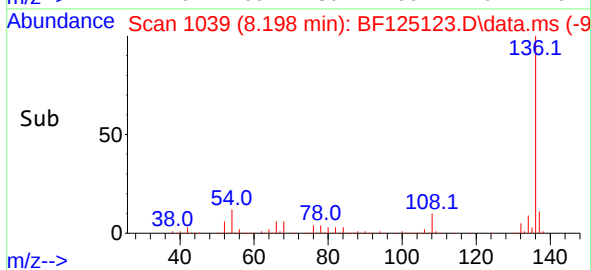
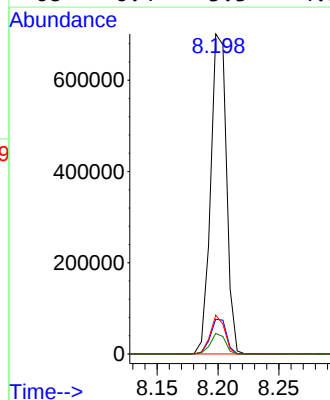
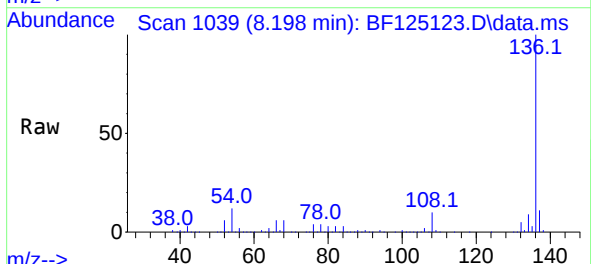
Instrument :
BNA_F
ClientSampleId :
PE-2

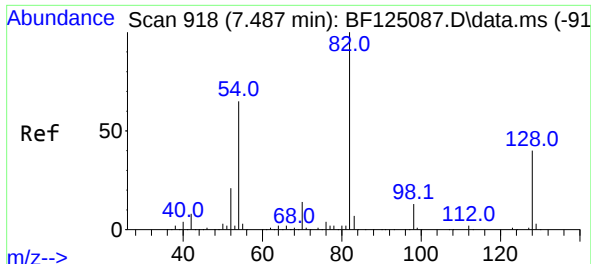
Tgt Ion: 99 Resp: 1231229
Ion Ratio Lower Upper
99 100
42 21.5 23.5 35.3#
71 36.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125123.D
Acq: 19 Aug 2021 19:58

Tgt Ion: 136 Resp: 633802
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 12.2 6.4 9.6#
68 6.4 3.3 4.9#

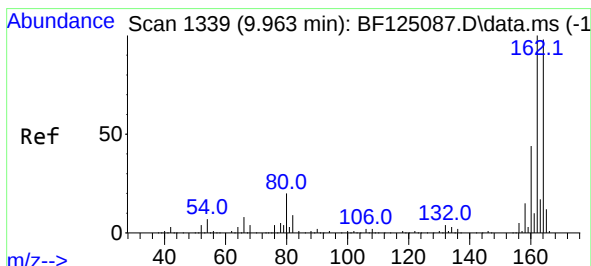
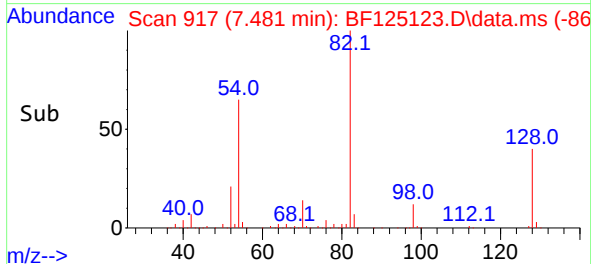
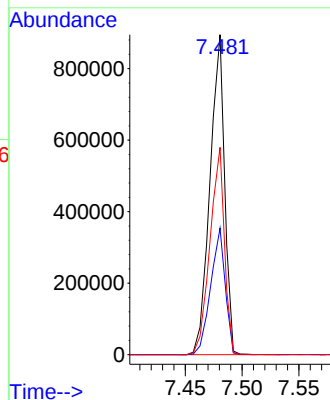
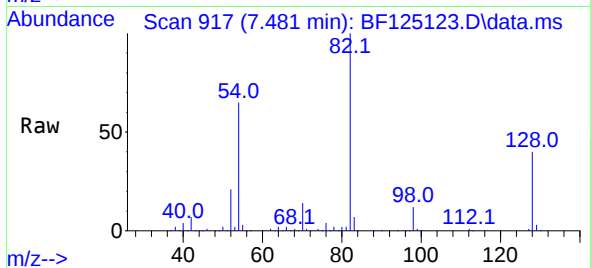




#23
Nitrobenzene-d5
Concen: 63.748 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125123.D
Acq: 19 Aug 2021 19:58

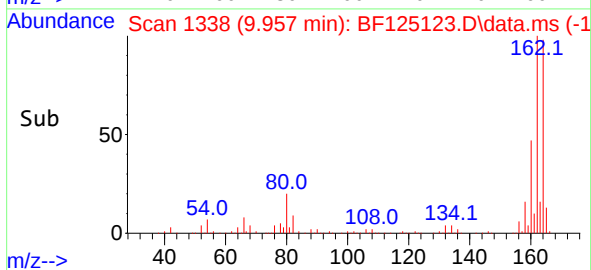
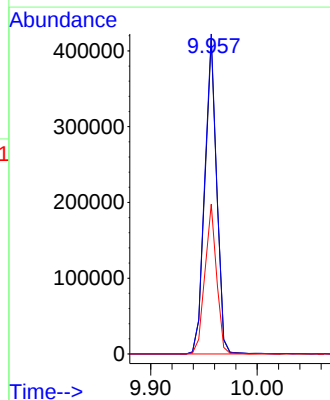
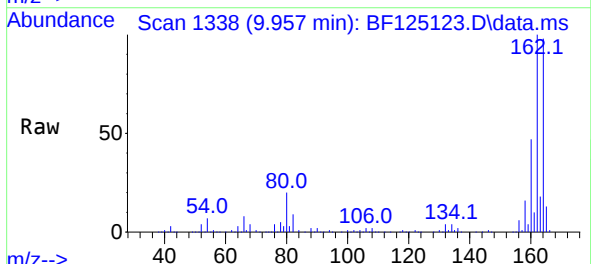
Instrument :
BNA_F
ClientSampleId :
PE-2

Tgt Ion: 82 Resp: 802551
Ion Ratio Lower Upper
82 100
128 39.5 40.6 60.8#
54 64.8 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125123.D
Acq: 19 Aug 2021 19:58

Tgt Ion:164 Resp: 323052
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 47.6 38.0 57.0

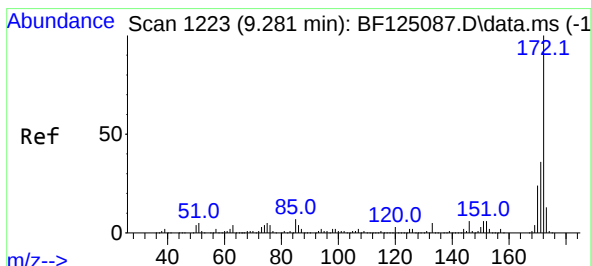
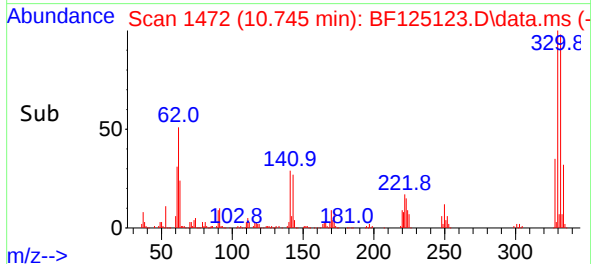
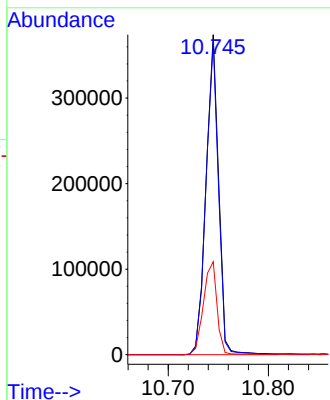
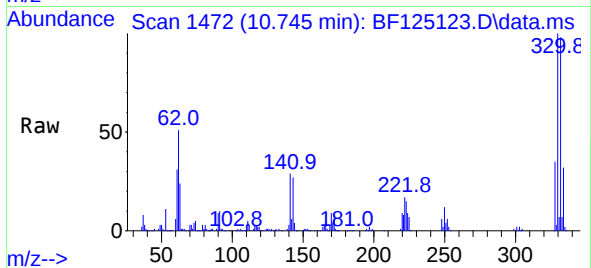




#42
2,4,6-Tribromophenol
Concen: 101.668 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125123.D
Acq: 19 Aug 2021 19:58

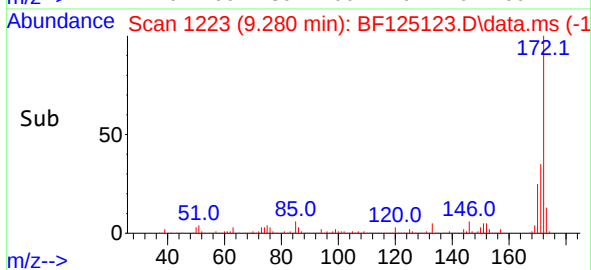
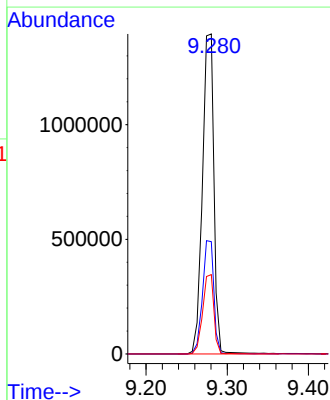
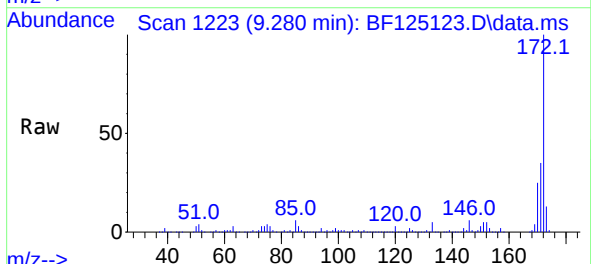
Instrument :
BNA_F
ClientSampleId :
PE-2

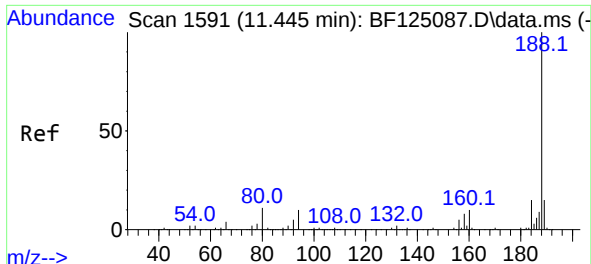
Tgt Ion: 330 Resp: 327857
Ion Ratio Lower Upper
330 100
332 97.9 76.2 114.4
141 31.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 59.287 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125123.D
Acq: 19 Aug 2021 19:58

Tgt Ion: 172 Resp: 1374218
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 24.8 18.8 28.2

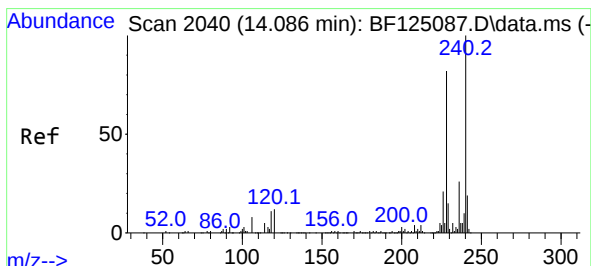
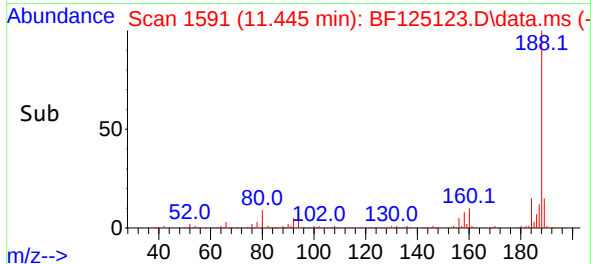
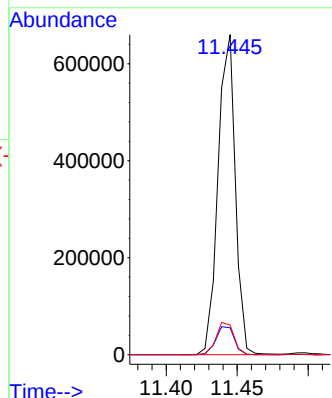
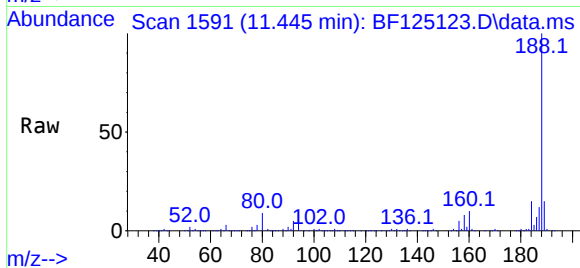




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF125123.D
Acq: 19 Aug 2021 19:58

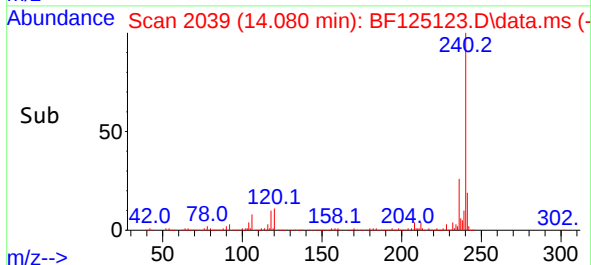
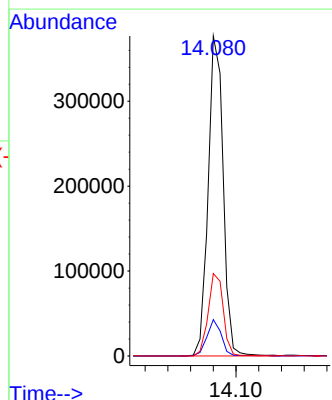
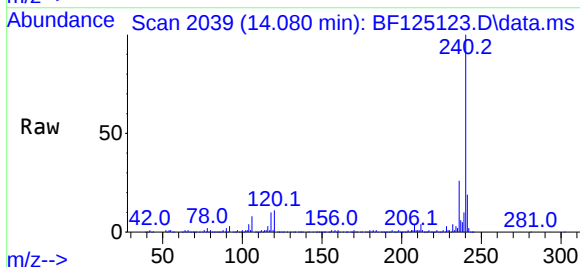
Instrument :
BNA_F
ClientSampled :
PE-2

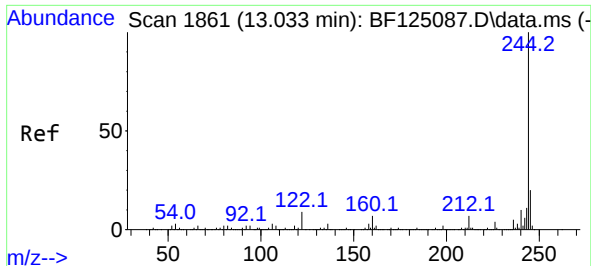
Tgt Ion:188 Resp: 557076
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125123.D
Acq: 19 Aug 2021 19:58

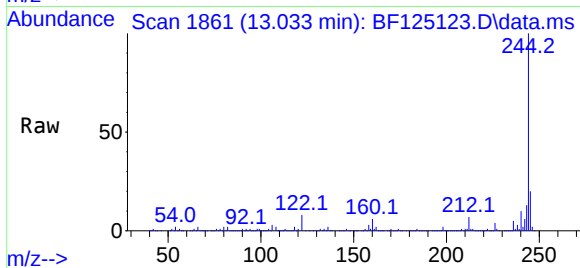
Tgt Ion:240 Resp: 344249
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 25.8 21.6 32.4



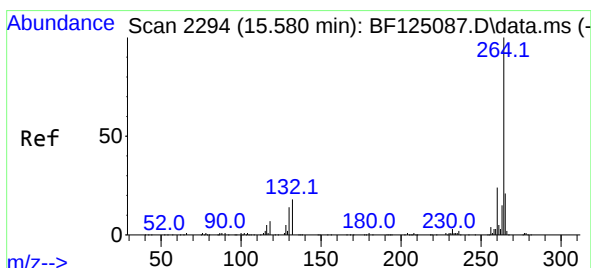
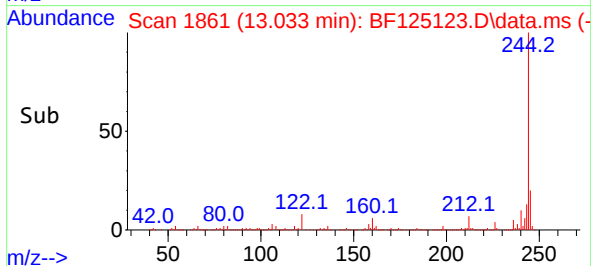
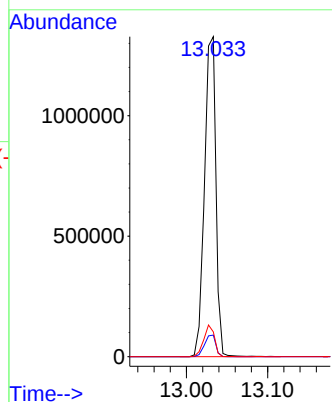


#79
Terphenyl-d14
Concen: 59.935 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125123.D
Acq: 19 Aug 2021 19:58

Instrument :
BNA_F
ClientSampled :
PE-2



Tgt Ion:244 Resp: 1295135
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 7.8 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BF125123.D
Acq: 19 Aug 2021 19:58

Tgt Ion:264 Resp: 335783
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.5 17.2 25.8

