

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
 Data File : BF125714.D
 Acq On : 29 Sep 2021 18:19
 Operator : JU/CG
 Sample : M3964-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-3

Quant Time: Sep 30 03:27:45 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)

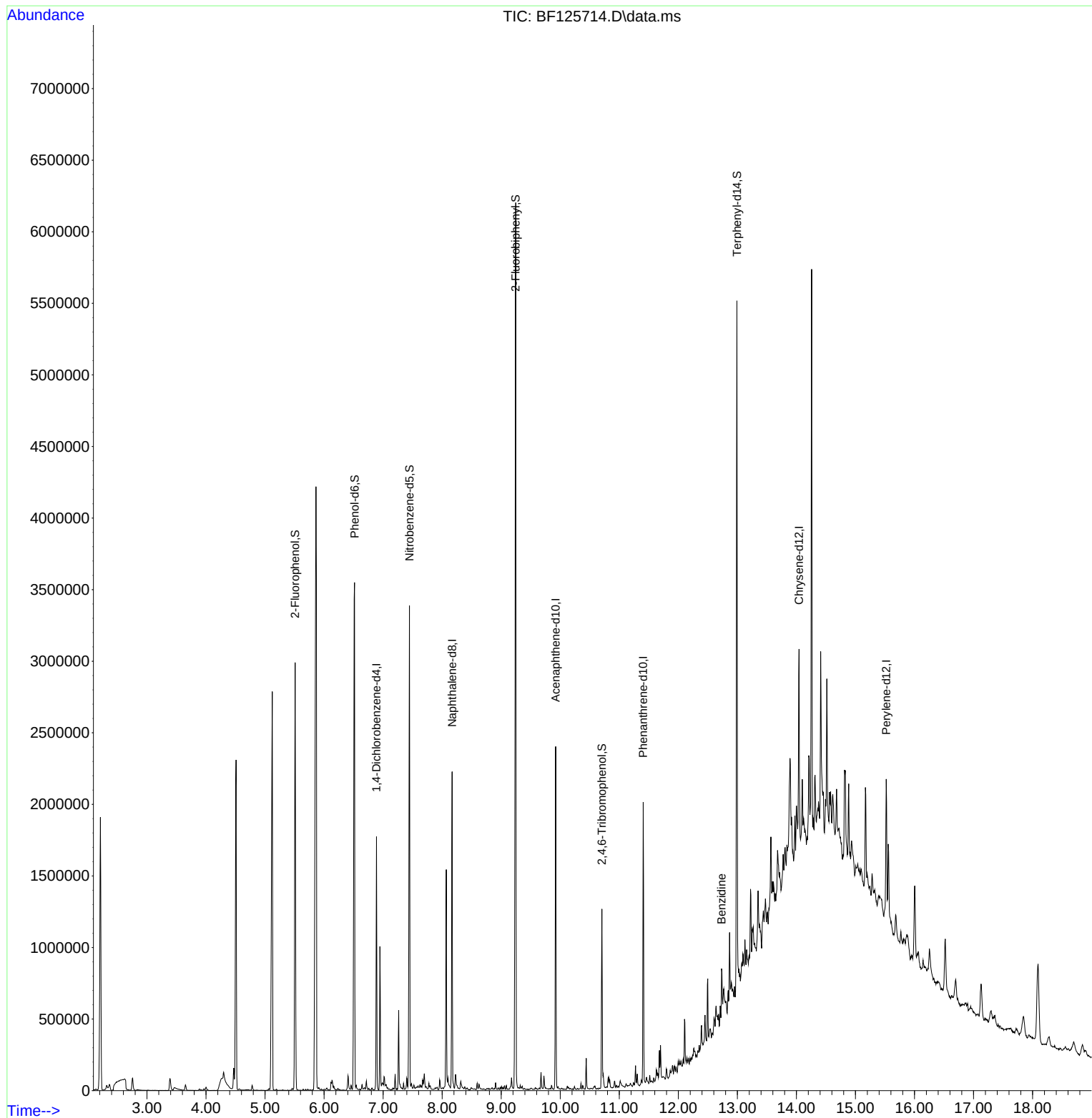
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	240770	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	973936	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	473749	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	693316	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	474916	20.000	ng	0.00
86) Perylene-d12	15.521	264	463371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1014158	69.398	ng	0.00
7) Phenol-d6	6.516	99	1615102	82.206	ng	0.00
23) Nitrobenzene-d5	7.445	82	1048666	75.102	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	142901	32.352	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	1994024	73.878	ng	0.00
79) Terphenyl-d14	12.992	244	1628309	59.376	ng	0.00
Target Compounds						
77) Benzidine	12.733	184	107356	8.605	ng	# 95

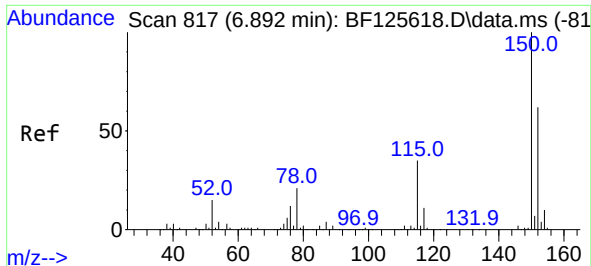
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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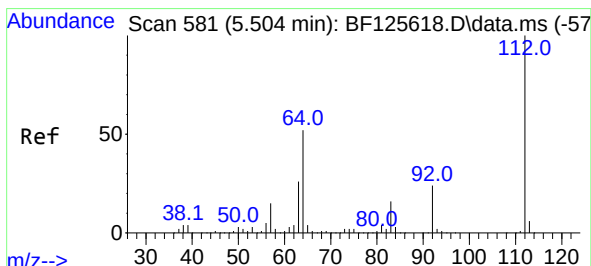
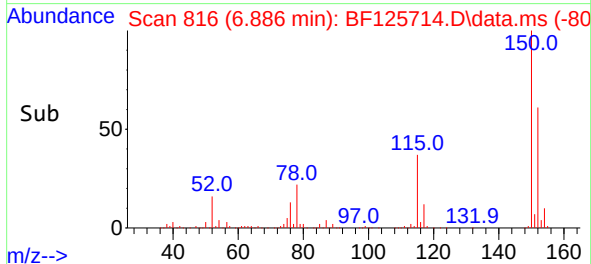
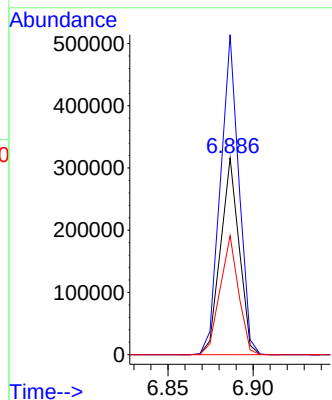
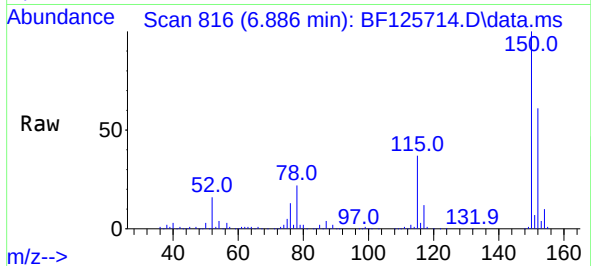




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125714.D
Acq: 29 Sep 2021 18:19

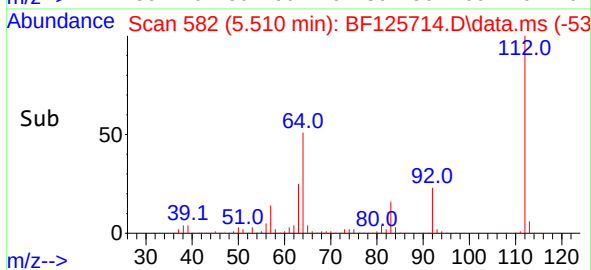
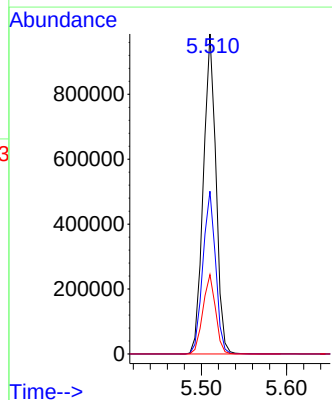
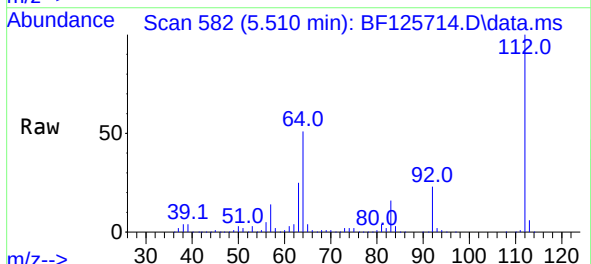
Instrument :
BNA_F
ClientSampleId :
CC-3

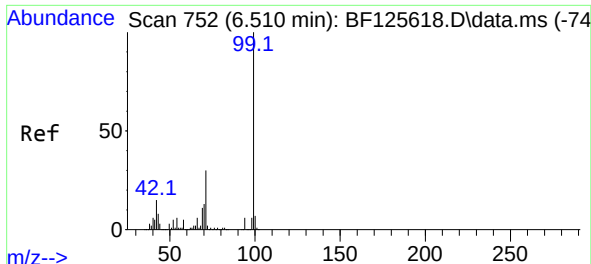
Tgt Ion:152 Resp: 240770
Ion Ratio Lower Upper
152 100
150 162.7 117.6 176.4
115 60.5 47.1 70.7



#5
2-Fluorophenol
Concen: 69.398 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125714.D
Acq: 29 Sep 2021 18:19

Tgt Ion:112 Resp: 1014158
Ion Ratio Lower Upper
112 100
64 50.8 44.2 66.2
63 24.8 26.2 39.2#

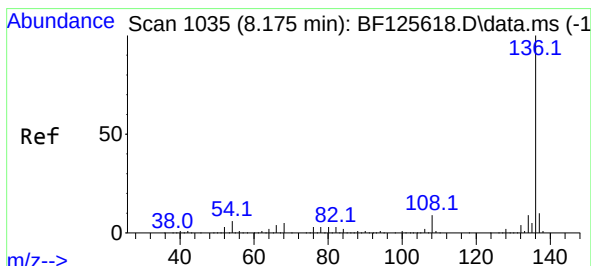
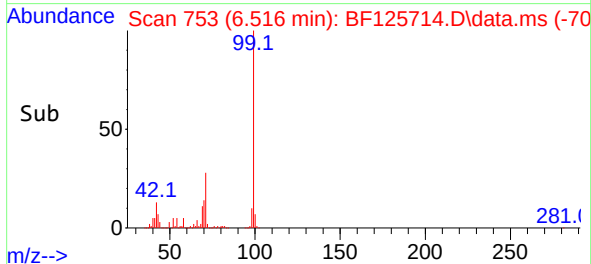
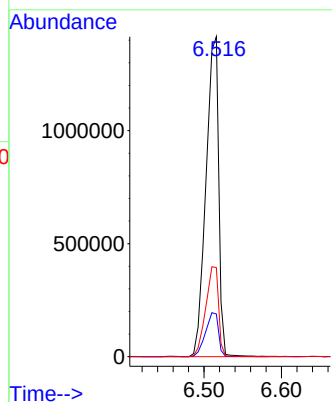
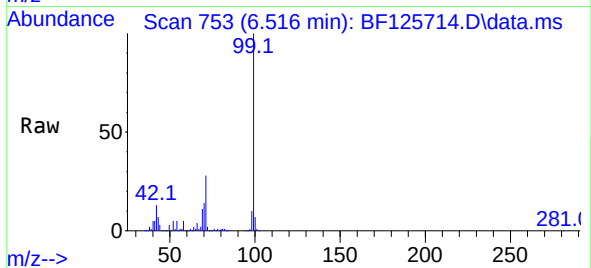




#7
Phenol-d6
Concen: 82.206 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF125714.D
Acq: 29 Sep 2021 18:19

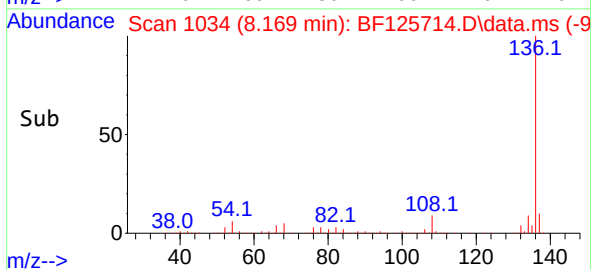
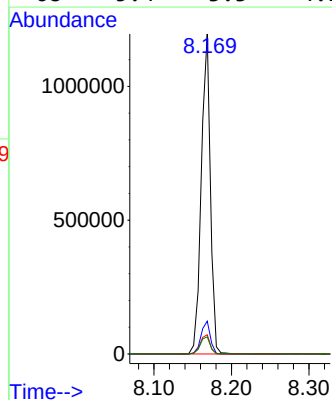
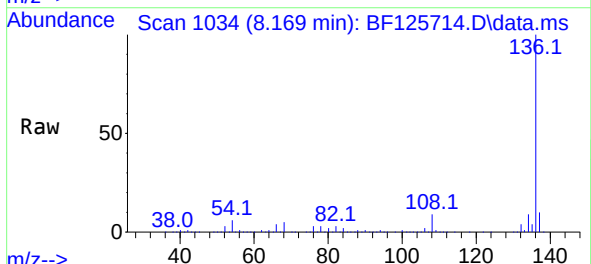
Instrument :
BNA_F
ClientSampled :
CC-3

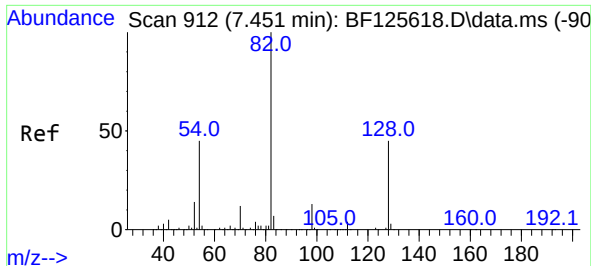
Tgt Ion: 99 Resp: 1615102
Ion Ratio Lower Upper
99 100
42 13.4 23.5 35.3#
71 27.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125714.D
Acq: 29 Sep 2021 18:19

Tgt Ion: 136 Resp: 973936
Ion Ratio Lower Upper
136 100
137 10.2 9.8 14.6
54 6.0 6.4 9.6#
68 5.4 3.3 4.9#

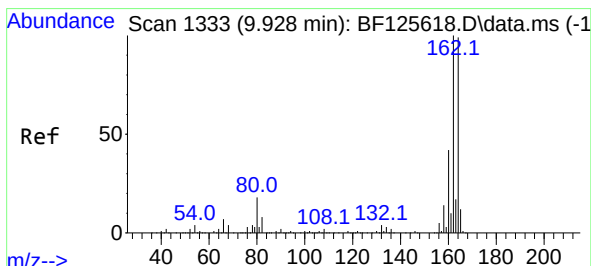
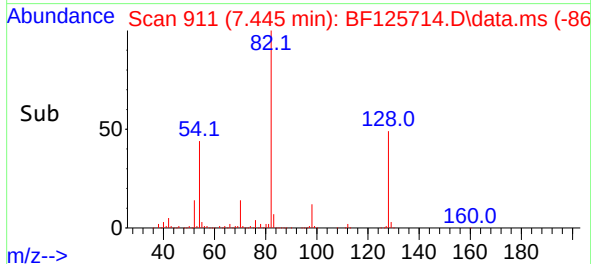
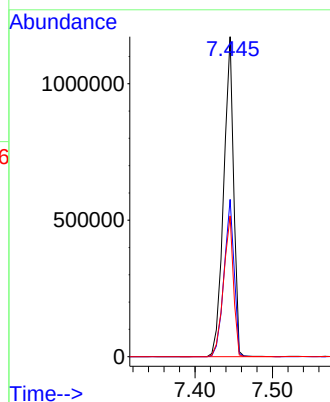
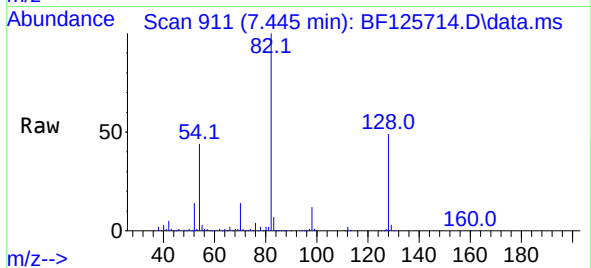




#23
Nitrobenzene-d5
Concen: 75.102 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125714.D
Acq: 29 Sep 2021 18:19

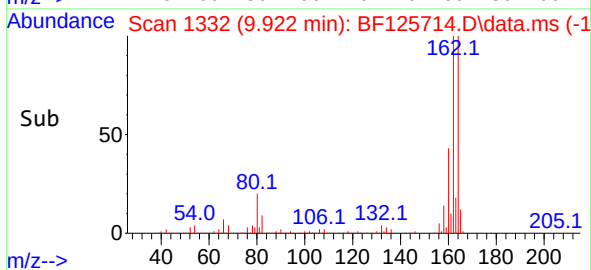
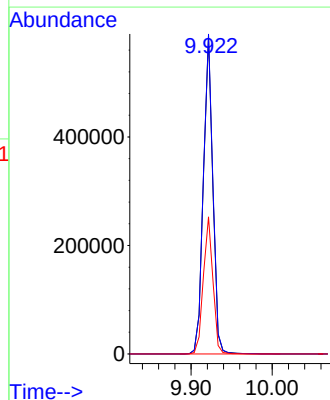
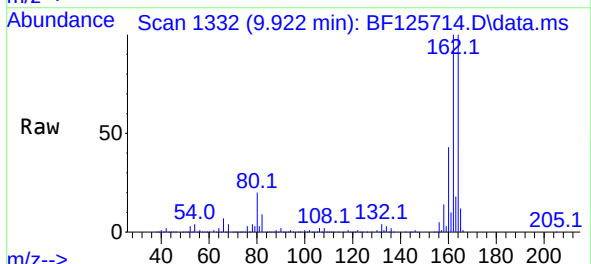
Instrument :
BNA_F
ClientSampled :
CC-3

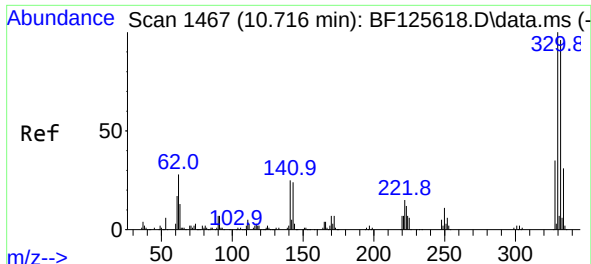
Tgt Ion: 82 Resp: 1048666
Ion Ratio Lower Upper
82 100
128 49.1 40.6 60.8
54 44.0 49.6 74.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125714.D
Acq: 29 Sep 2021 18:19

Tgt Ion:164 Resp: 473749
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 43.1 38.0 57.0

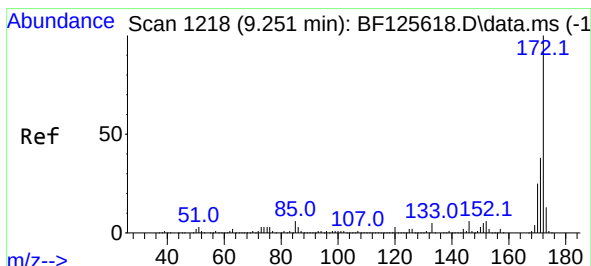
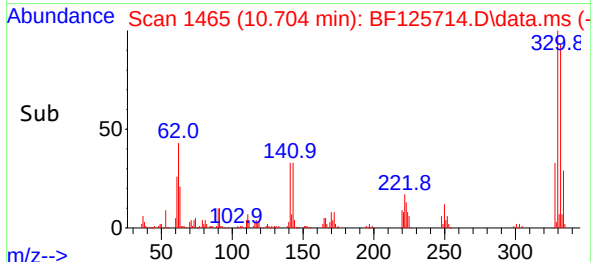
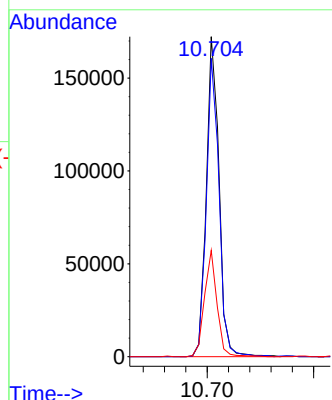
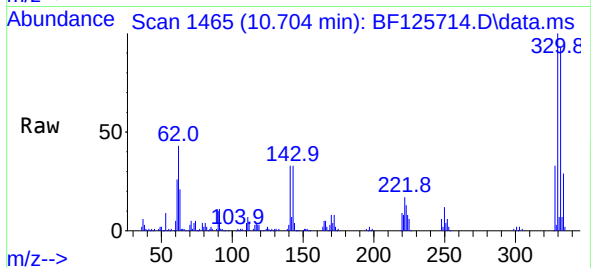




#42
2,4,6-Tribromophenol
Concen: 32.352 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF125714.D
Acq: 29 Sep 2021 18:19

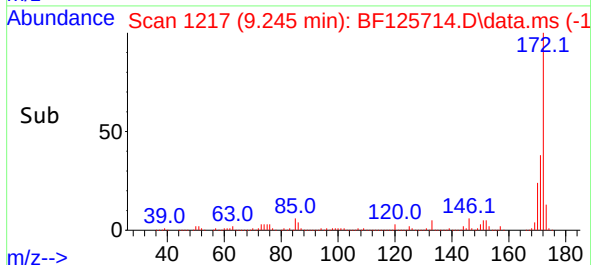
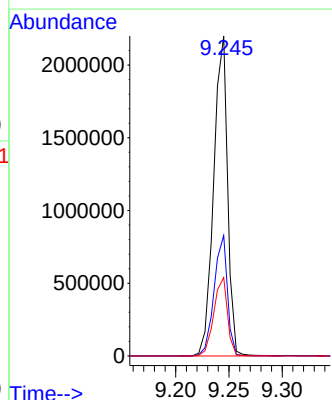
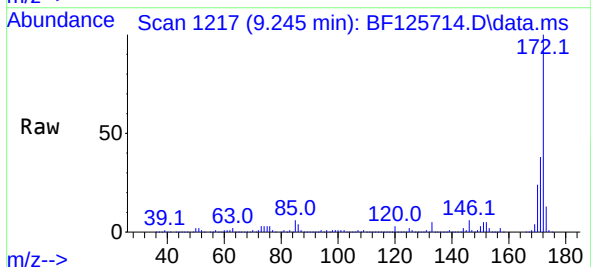
Instrument :
BNA_F
ClientSampled :
CC-3

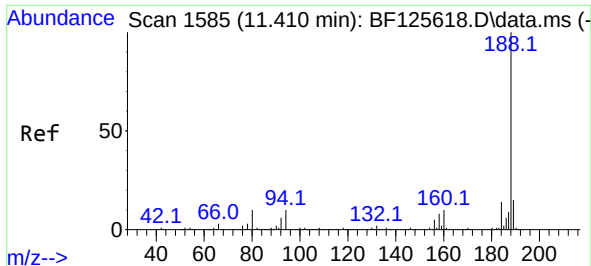
Tgt Ion: 330 Resp: 142901
Ion Ratio Lower Upper
330 100
332 93.5 76.2 114.4
141 32.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 73.878 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125714.D
Acq: 29 Sep 2021 18:19

Tgt Ion: 172 Resp: 1994024
Ion Ratio Lower Upper
172 100
171 37.6 26.5 39.7
170 24.5 18.8 28.2

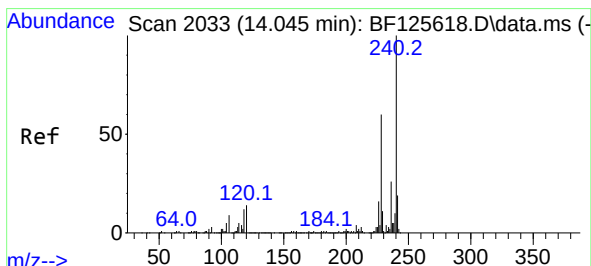
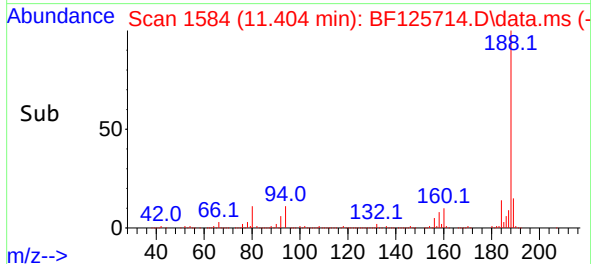
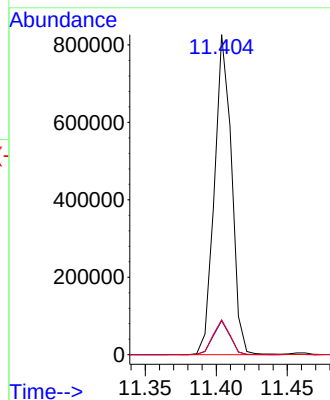
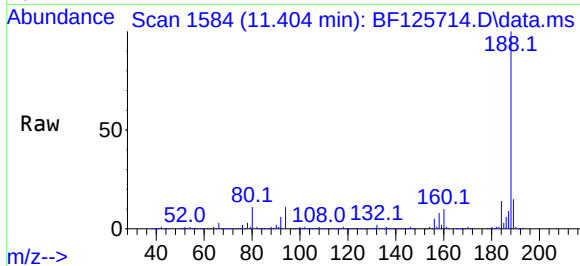




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125714.D
Acq: 29 Sep 2021 18:19

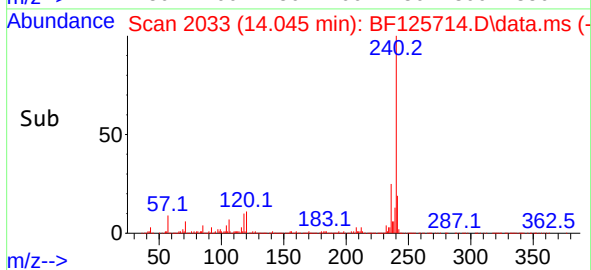
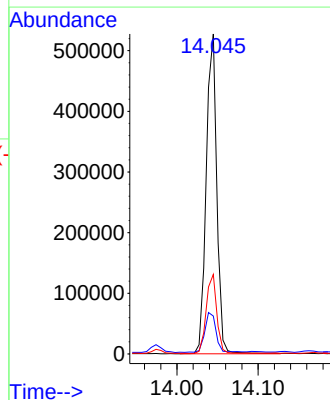
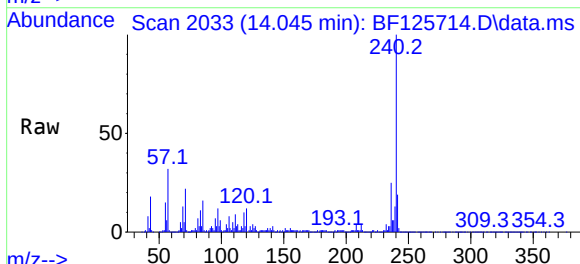
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BNA_F
ClientSampled :
CC-3

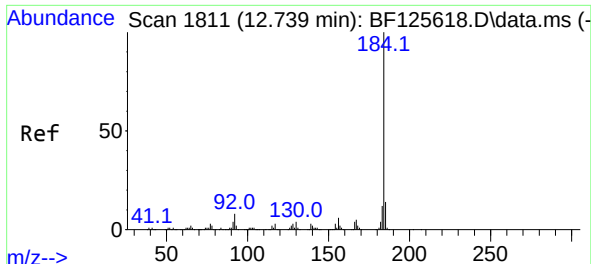
Tgt Ion:188 Resp: 693316
Ion Ratio Lower Upper
188 100
94 10.6 6.7 10.1#
80 10.9 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125714.D
Acq: 29 Sep 2021 18:19

Tgt Ion:240 Resp: 474916
Ion Ratio Lower Upper
240 100
120 11.8 10.8 16.2
236 24.8 21.6 32.4

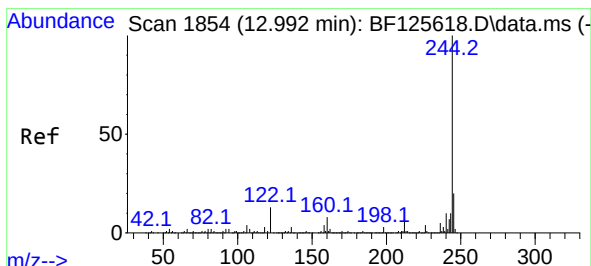
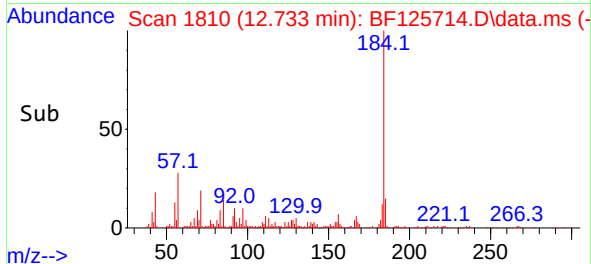
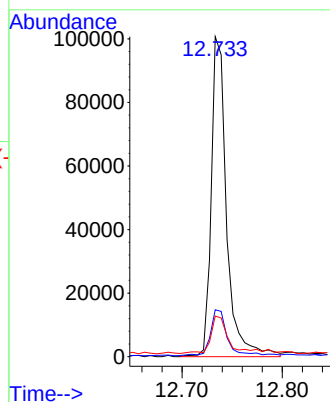
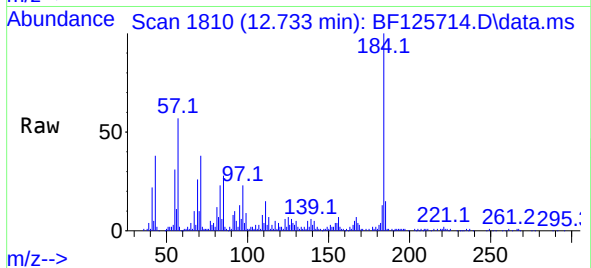




#77
Benzidine
Concen: 8.605 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF125714.D
Acq: 29 Sep 2021 18:19

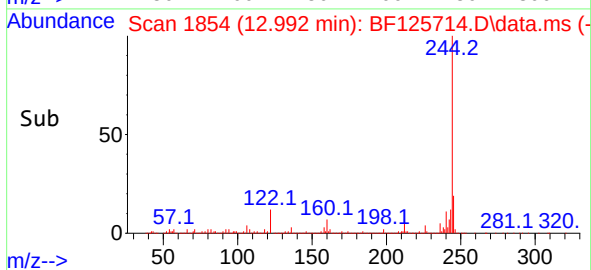
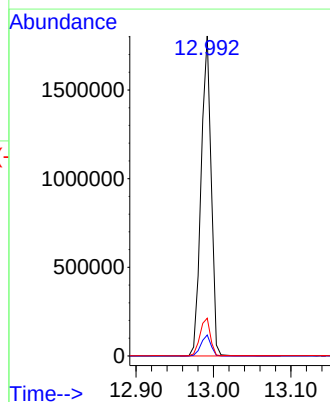
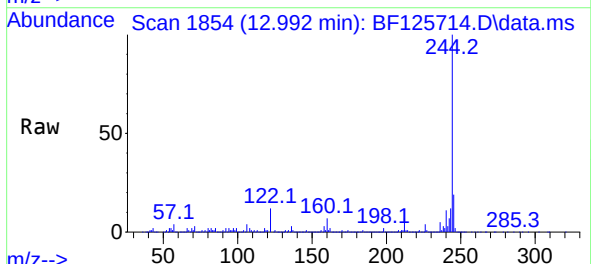
Instrument :
BNA_F
ClientSampled :
CC-3

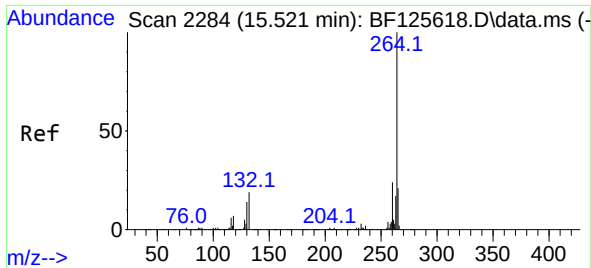
Tgt Ion:184 Resp: 107356
Ion Ratio Lower Upper
184 100
185 14.7 10.8 16.2
183 12.7 8.1 12.1#



#79
Terphenyl-d14
Concen: 59.376 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125714.D
Acq: 29 Sep 2021 18:19

Tgt Ion:244 Resp: 1628309
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 11.8 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF125714.D
Acq: 29 Sep 2021 18:19

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 463371

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	21.9	17.2	25.8

