

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
 Data File : BF125136.D
 Acq On : 20 Aug 2021 15:50
 Operator : JU/CG
 Sample : M3449-29
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-6

Quant Time: Aug 20 18:32:59 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	6.922	152	160091	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	619052	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	316395	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	521253	20.000	ng	0.00
76) Chrysene-d12	14.086	240	333415	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	343131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	90137	8.522	ng	0.00
7) Phenol-d6	6.534	99	513685	37.552	ng	0.00
23) Nitrobenzene-d5	7.481	82	818244	66.543	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	1761	0.558	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1433924	63.165	ng	0.00
79) Terphenyl-d14	13.033	244	1283917	61.347	ng	0.00

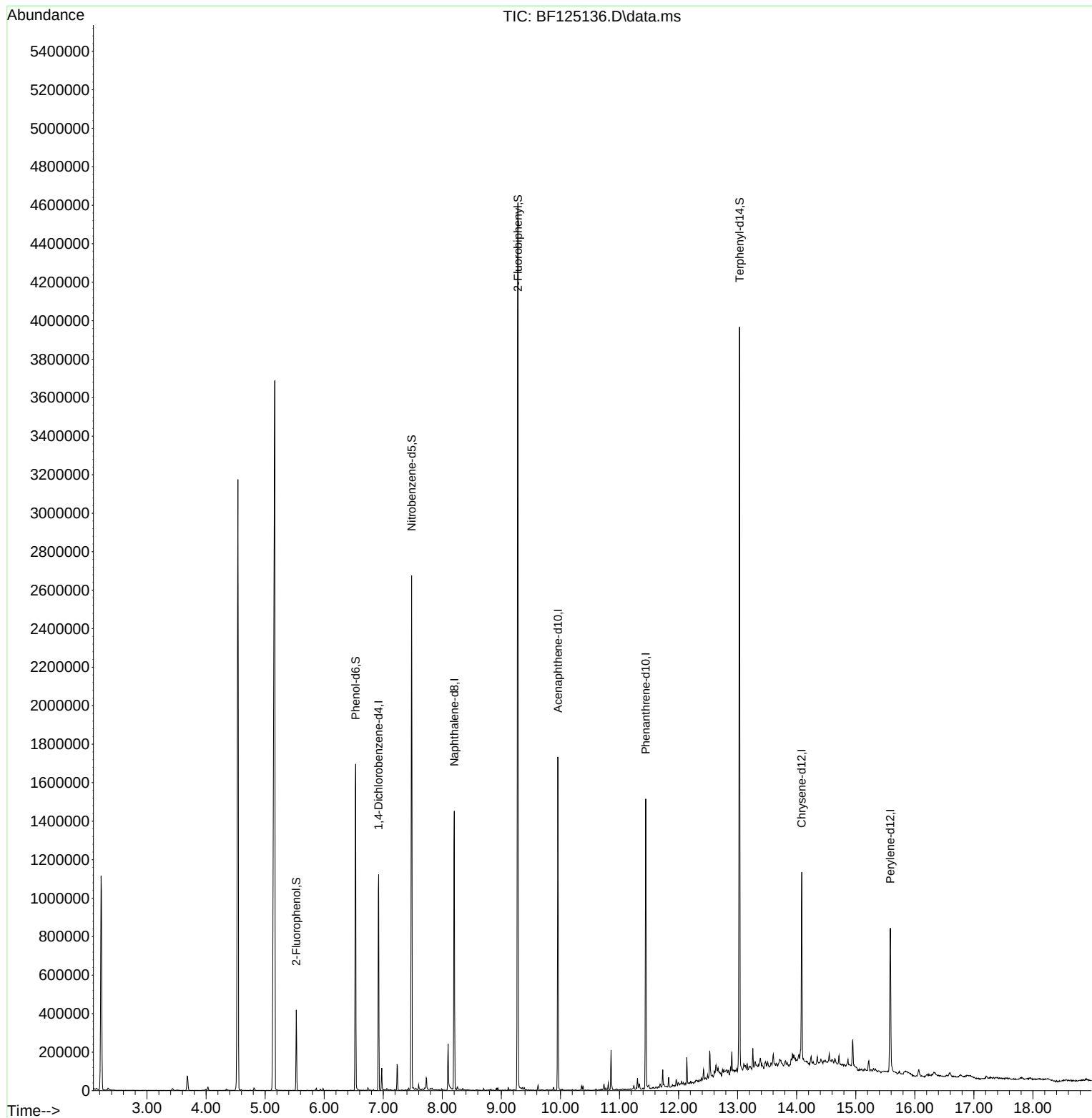
Target Compounds	Qvalue

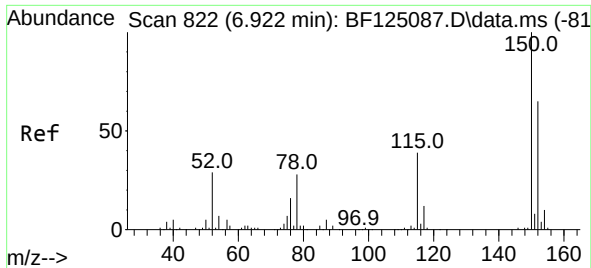
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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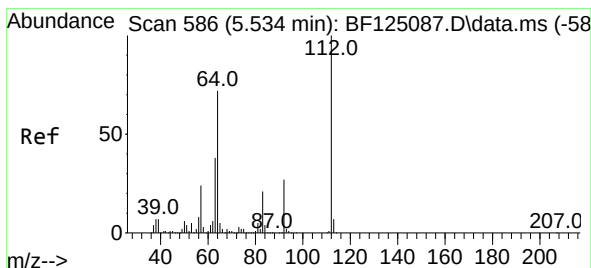
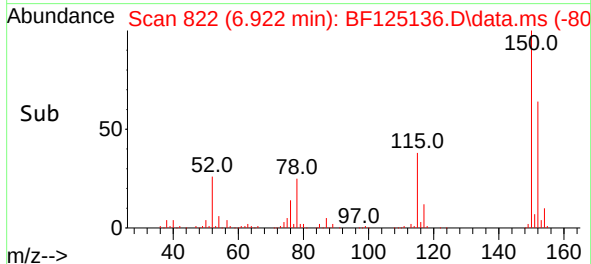
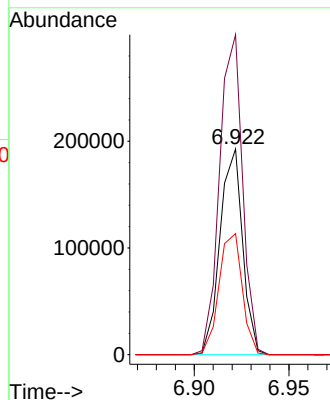
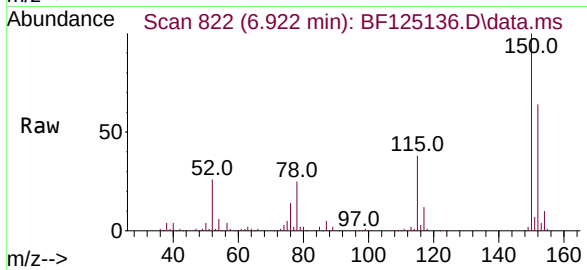




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

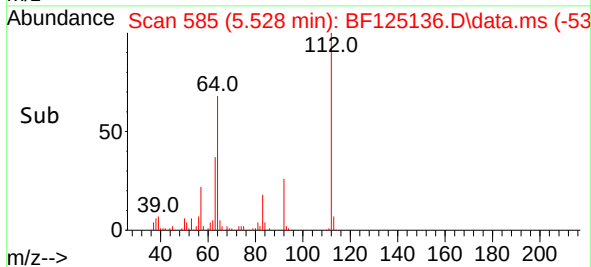
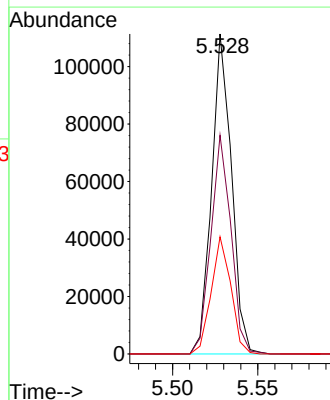
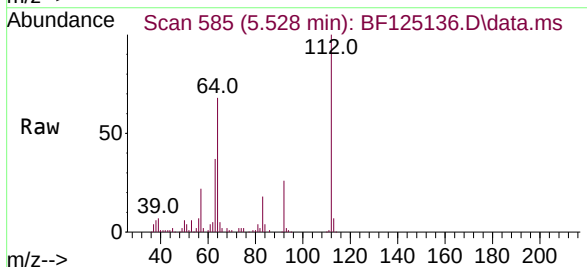
Instrument :
BNA_F
ClientSampled :
CON-6

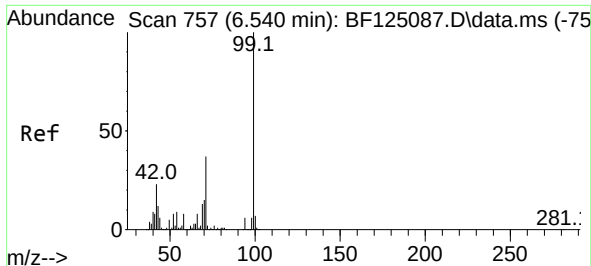
Tgt Ion:152 Resp: 160091
Ion Ratio Lower Upper
152 100
150 155.5 117.6 176.4
115 58.8 47.1 70.7



#5
2-Fluorophenol
Concen: 8.522 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.006 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

Tgt Ion:112 Resp: 90137
Ion Ratio Lower Upper
112 100
64 68.4 44.2 66.2#
63 36.6 26.2 39.2

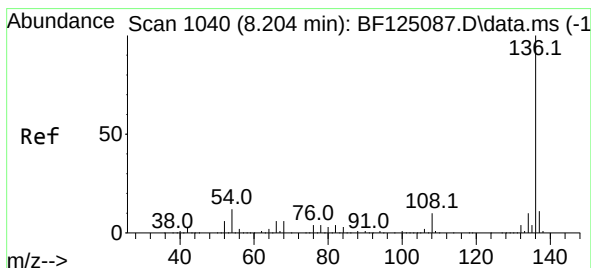
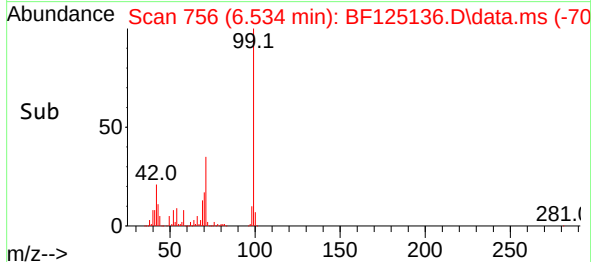
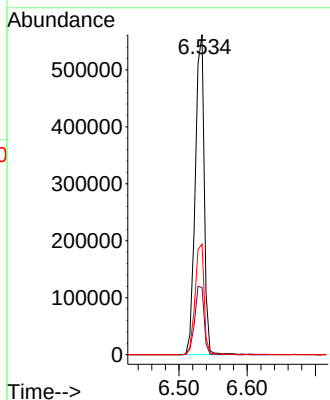
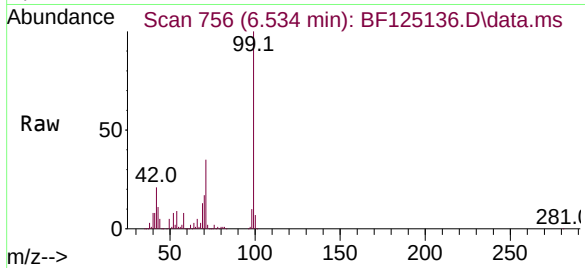




#7
Phenol-d6
Concen: 37.552 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

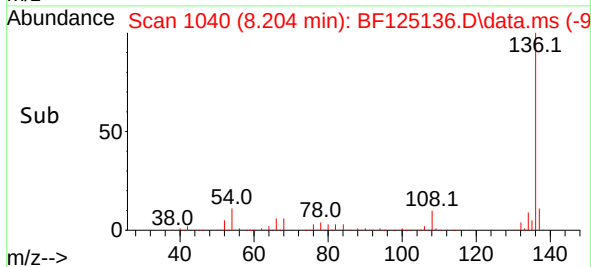
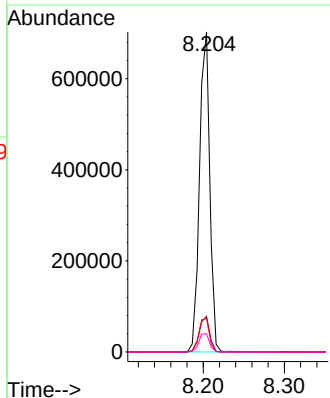
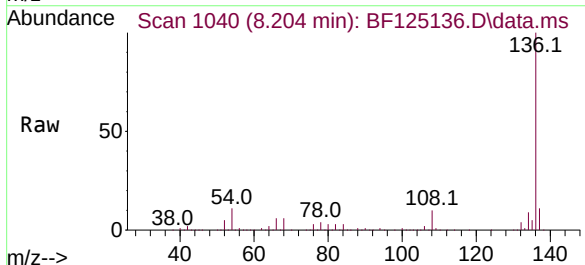
Instrument :
BNA_F
ClientSampleId :
CON-6

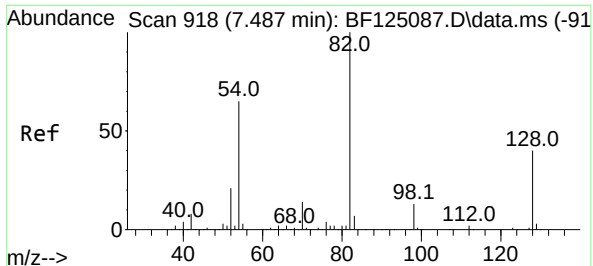
Tgt Ion: 99 Resp: 513685
Ion Ratio Lower Upper
99 100
42 21.0 23.5 35.3#
71 34.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

Tgt Ion: 136 Resp: 619052
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 10.5 6.4 9.6#
68 5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 66.543 ng

RT: 7.481 min Scan# 917

Delta R.T. -0.006 min

Lab File: BF125136.D

Acq: 20 Aug 2021 15:50

Tgt Ion: 82 Resp: 818244

Ion Ratio Lower Upper

82 100

128 39.1 40.6 60.8#

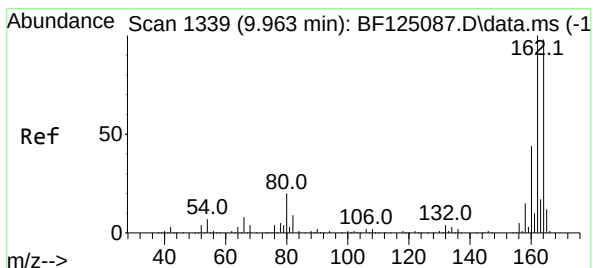
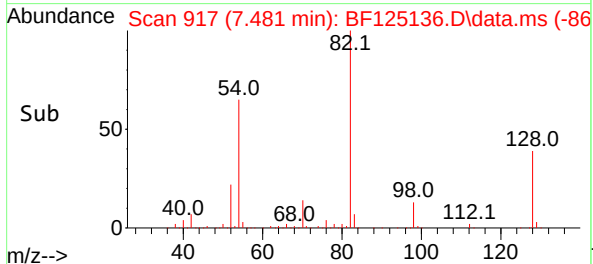
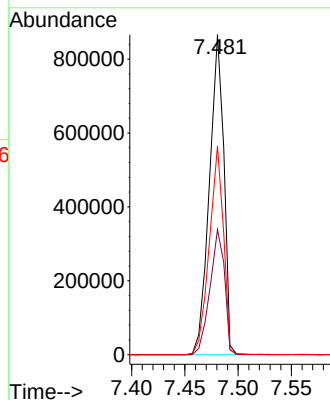
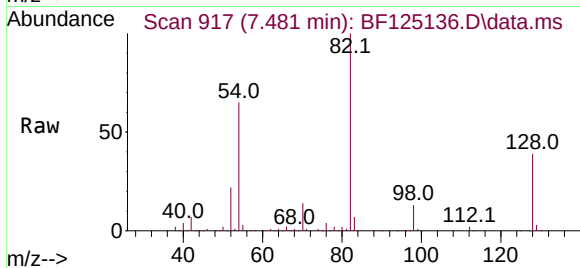
54 65.2 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

CON-6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF125136.D

Acq: 20 Aug 2021 15:50

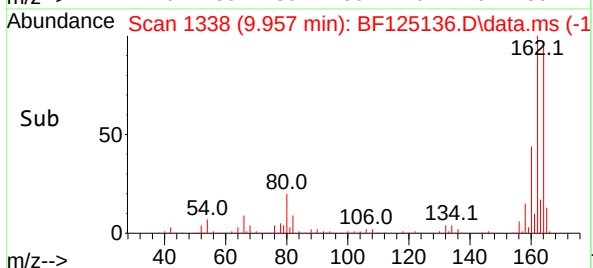
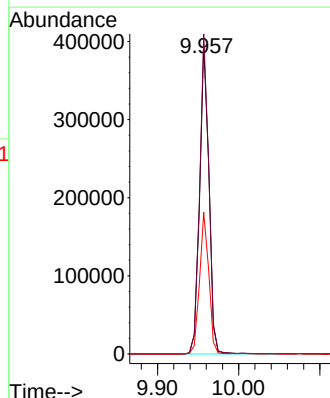
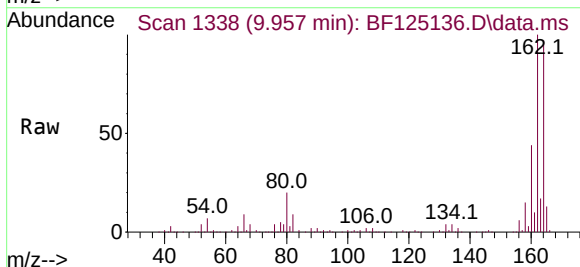
Tgt Ion:164 Resp: 316395

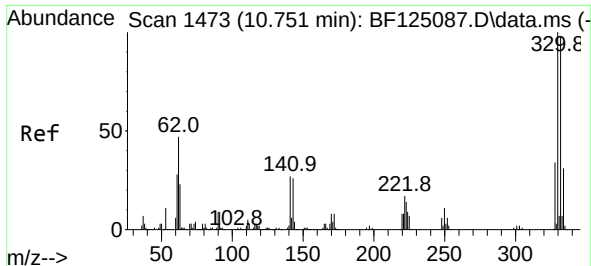
Ion Ratio Lower Upper

164 100

162 103.5 81.3 121.9

160 45.8 38.0 57.0

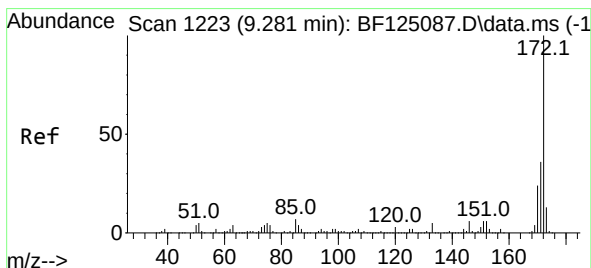
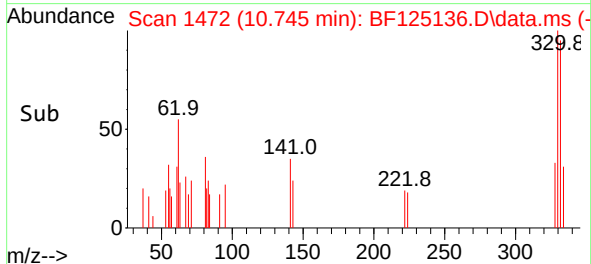
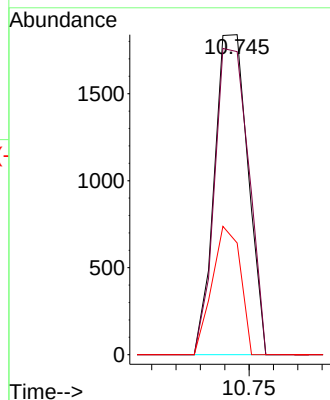
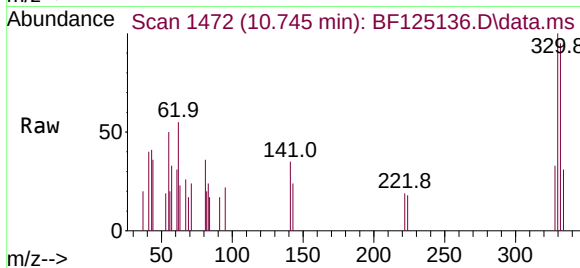




#42
2,4,6-Tribromophenol
Concen: 0.558 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

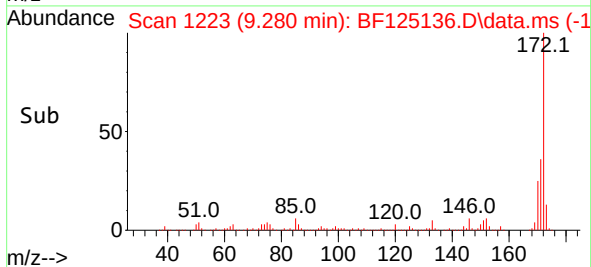
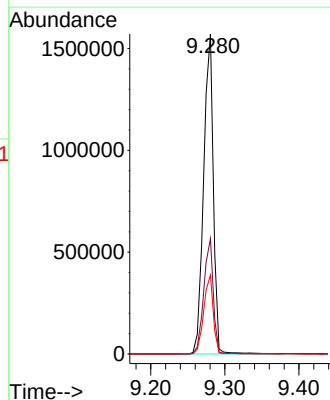
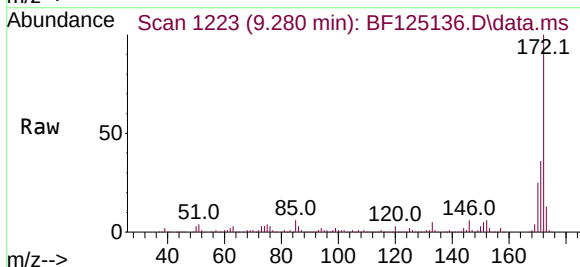
Instrument :
BNA_F
ClientSampleId :
CON-6

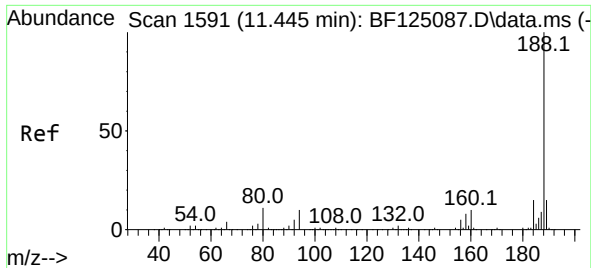
Tgt Ion: 330 Resp: 1761
Ion Ratio Lower Upper
330 100
332 97.6 76.2 114.4
141 33.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 63.165 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

Tgt Ion: 172 Resp: 1433924
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 24.7 18.8 28.2

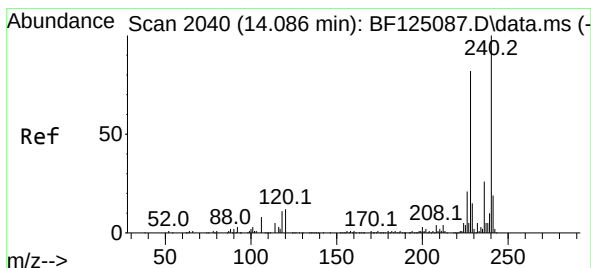
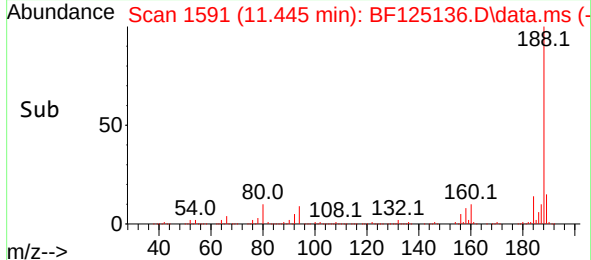
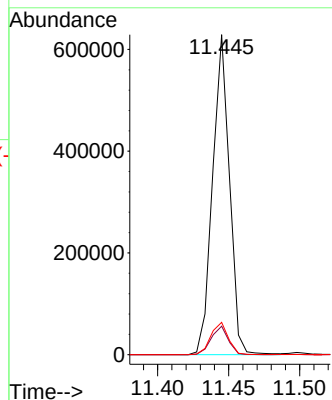
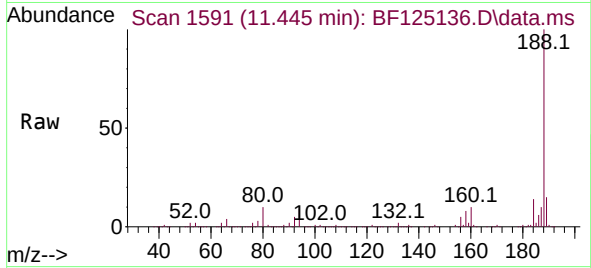




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

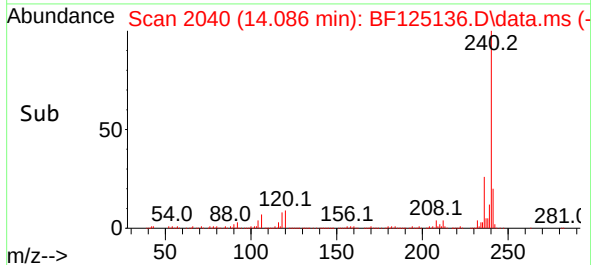
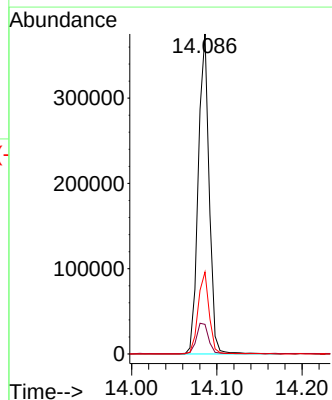
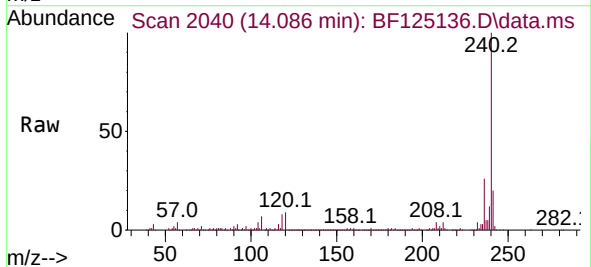
Instrument :
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CON-6

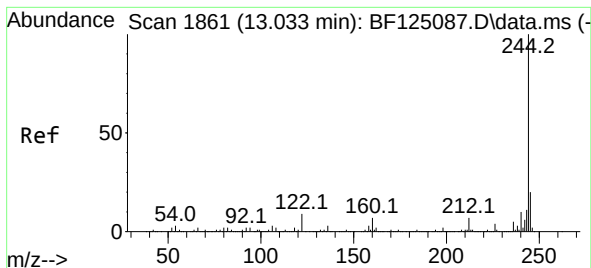
Tgt Ion:188 Resp: 521253
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 10.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF125136.D
Acq: 20 Aug 2021 15:50

Tgt Ion:240 Resp: 333415
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 25.6 21.6 32.4

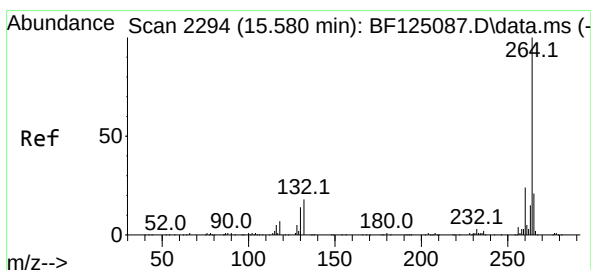
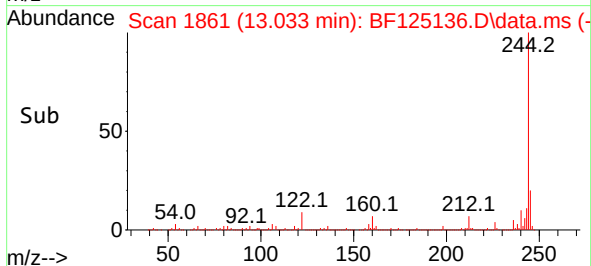
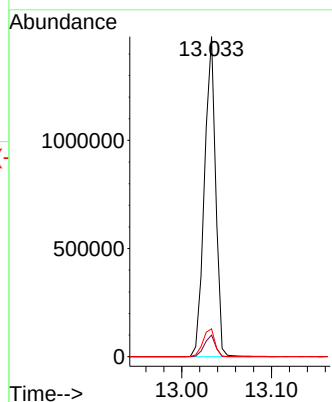
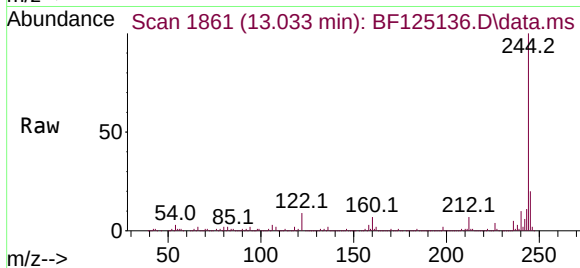




#79
 Terphenyl-d14
 Concen: 61.347 ng
 RT: 13.033 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: BF125136.D
 Acq: 20 Aug 2021 15:50

Instrument :
 BNA_F
 ClientSampled :
 CON-6

Tgt Ion:244 Resp: 1283917
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 8.7 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.006 min
 Lab File: BF125136.D
 Acq: 20 Aug 2021 15:50

Tgt Ion:264 Resp: 343131
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 21.3 17.2 25.8

