

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125008.D
 Acq On : 9 Aug 2021 18:49
 Operator : JU/CG
 Sample : M3318-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210586-COM-9

Quant Time: Aug 10 04:45:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 09 11:03:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	5596	20.000	ng	# 0.00
21) Naphthalene-d8	8.098	136	22301	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	12223	20.000	ng	-0.01
64) Phenanthrene-d10	11.339	188	22820	20.000	ng	0.00
76) Chrysene-d12	13.974	240	15935	20.000	ng	-0.01
86) Perylene-d12	15.433	264	10935	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	34058	99.698	ng	0.00
7) Phenol-d6	6.445	99	41252	95.768	ng	-0.01
23) Nitrobenzene-d5	7.381	82	26207	61.475	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	9436	86.410	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	48257	57.769	ng	0.00
79) Terphenyl-d14	12.921	244	51482	54.497	ng	0.00

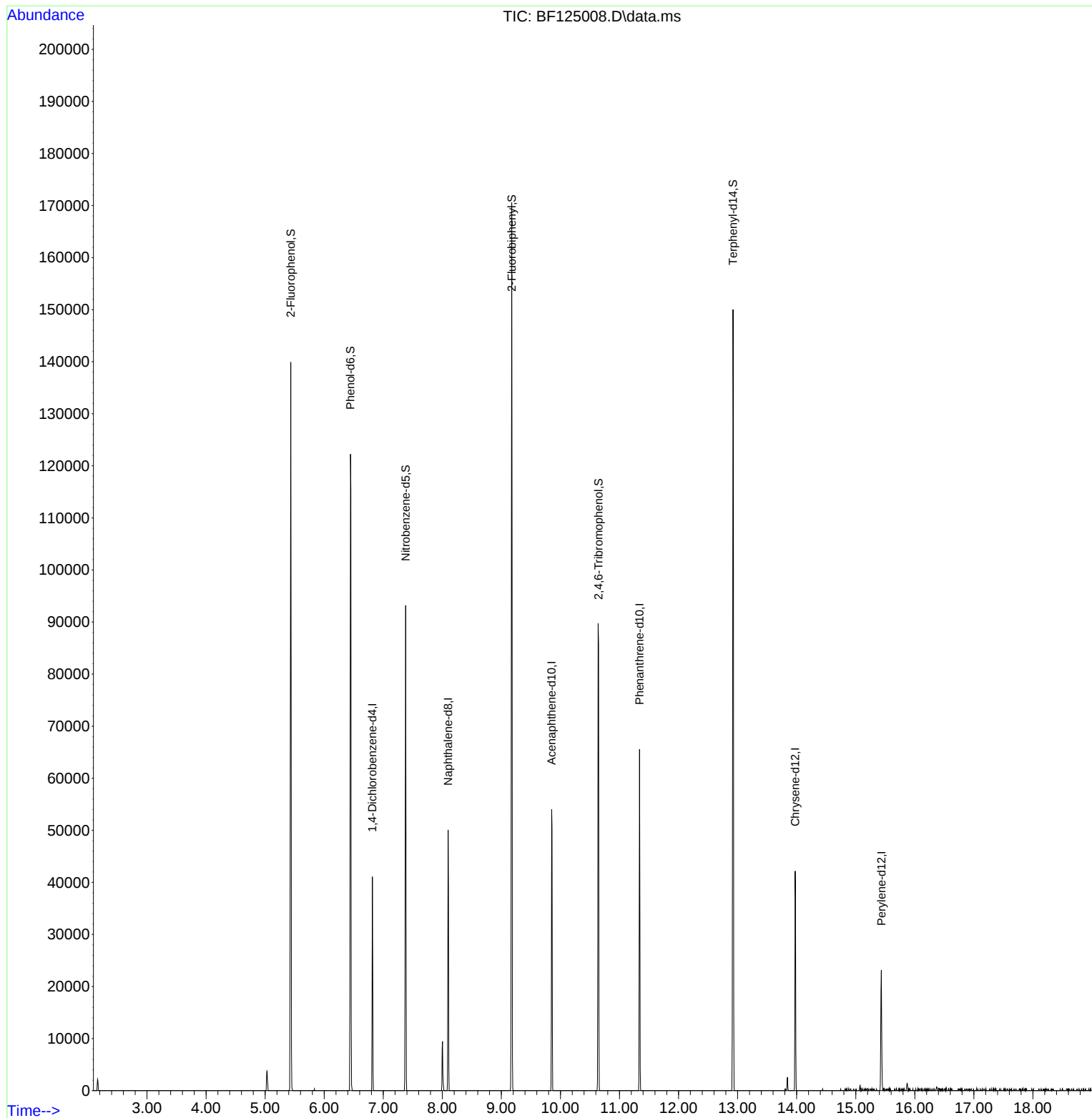
Target Compounds	Qvalue

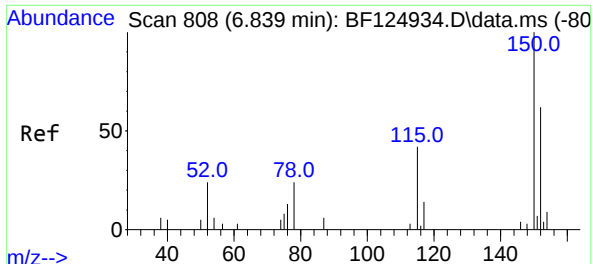
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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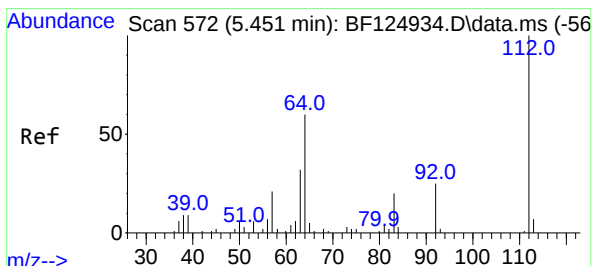
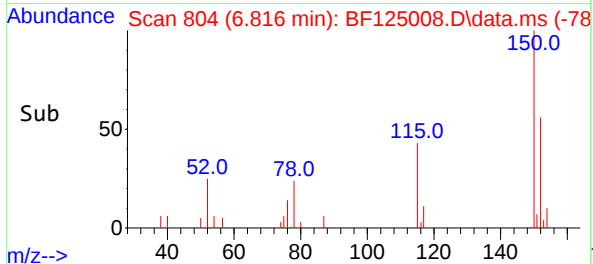
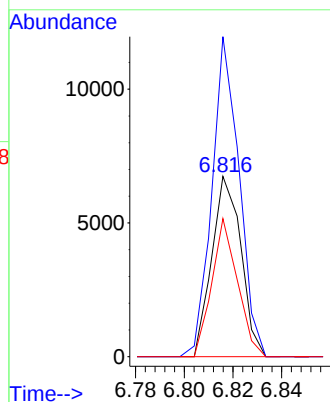
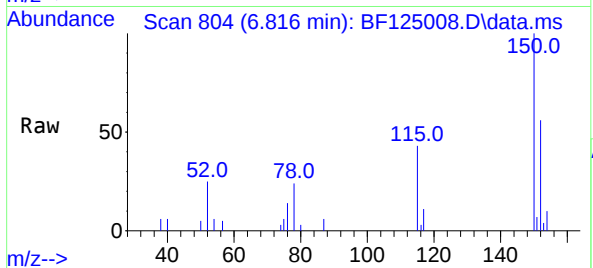




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

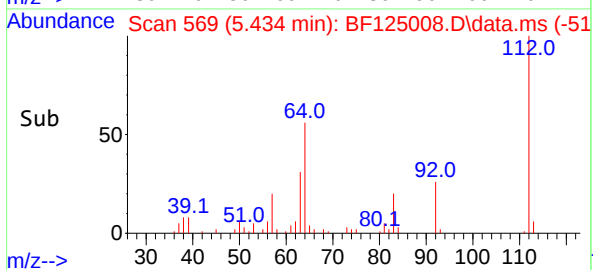
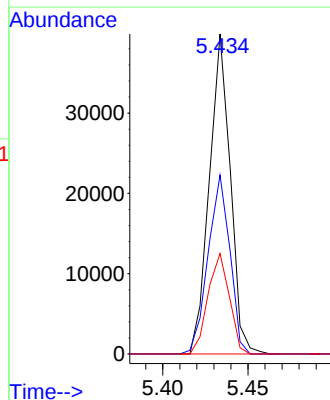
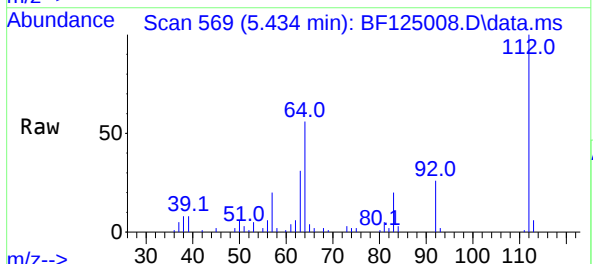
Instrument :
BNA_F
ClientSampleId :
20210586-COM-9

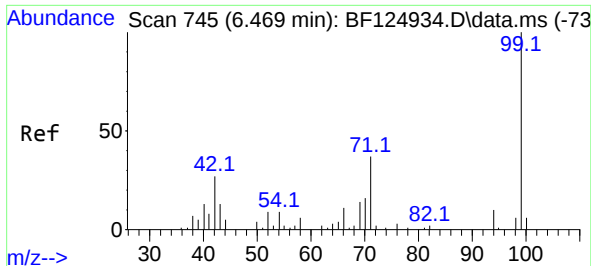
Tgt Ion:152 Resp: 5596
Ion Ratio Lower Upper
152 100
150 177.5 117.6 176.4#
115 76.6 47.1 70.7#



#5
2-Fluorophenol
Concen: 99.698 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

Tgt Ion:112 Resp: 34058
Ion Ratio Lower Upper
112 100
64 55.9 44.2 66.2
63 31.4 26.2 39.2

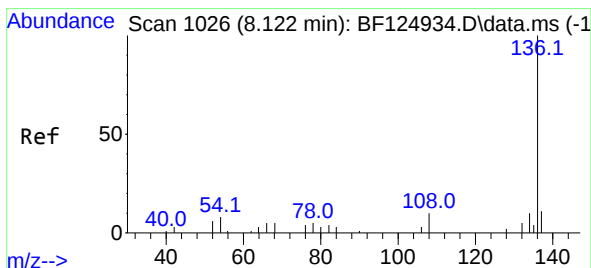
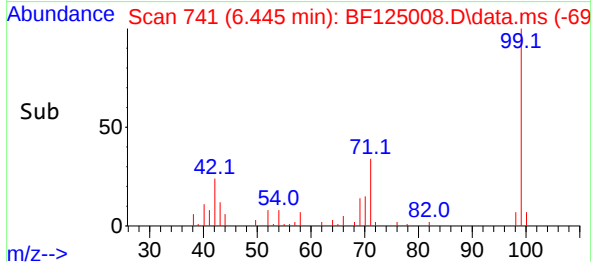
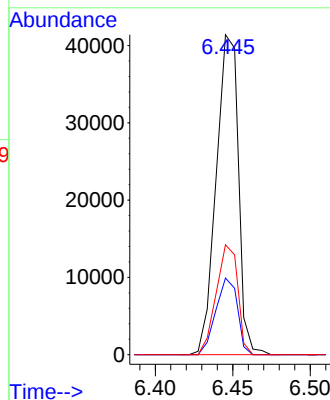
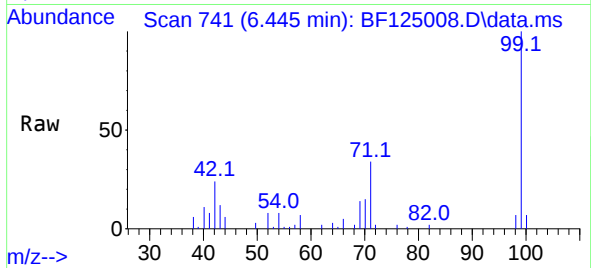




#7
Phenol-d6
Concen: 95.768 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

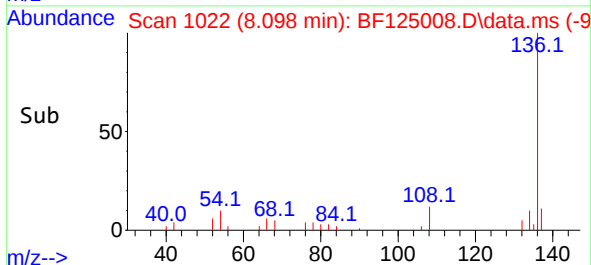
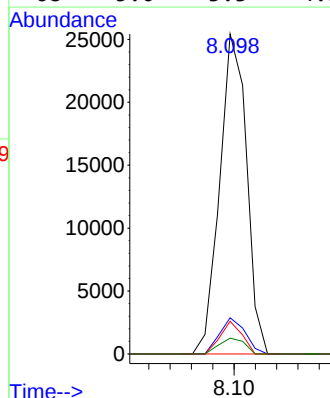
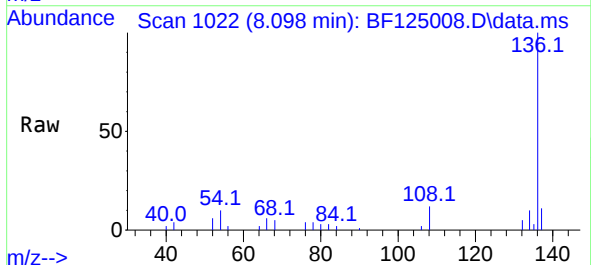
Instrument :
BNA_F
ClientSampleId :
20210586-COM-9

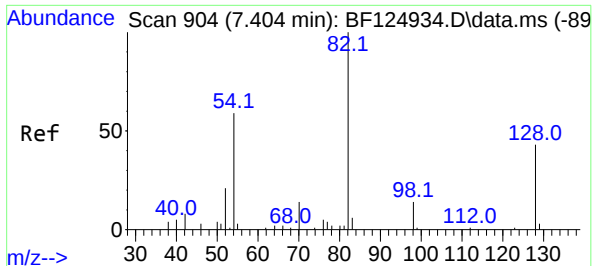
Tgt Ion: 99 Resp: 41252
Ion Ratio Lower Upper
99 100
42 23.9 23.5 35.3
71 34.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

Tgt Ion: 136 Resp: 22301
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 10.2 6.4 9.6#
68 5.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 61.475 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF125008.D

Acq: 9 Aug 2021 18:49

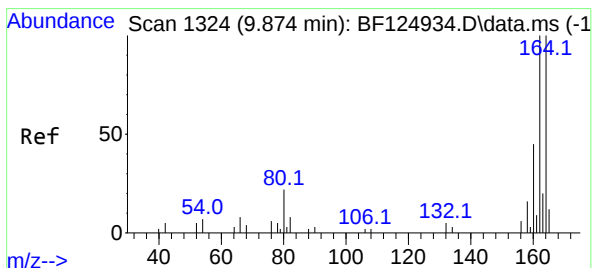
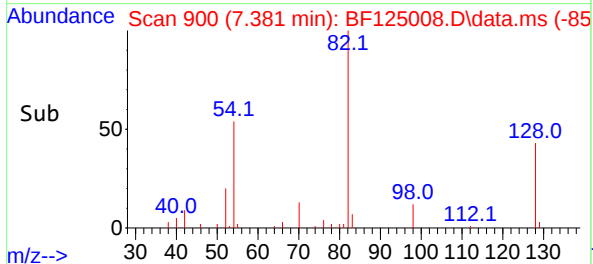
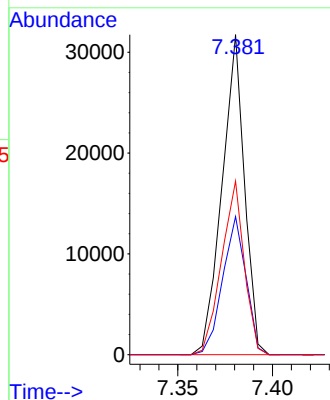
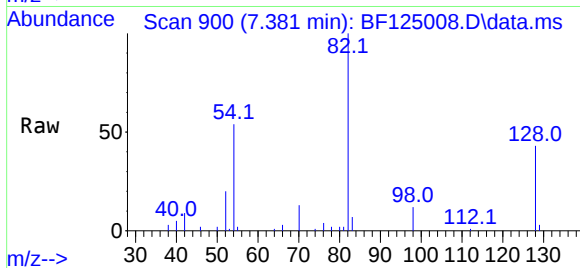
Tgt Ion: 82 Resp: 26207

Ion Ratio Lower Upper

82 100

128 43.2 40.6 60.8

54 54.3 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF125008.D

Acq: 9 Aug 2021 18:49

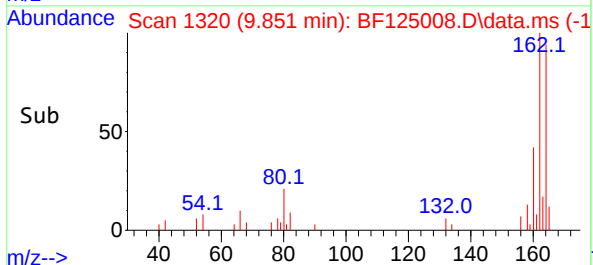
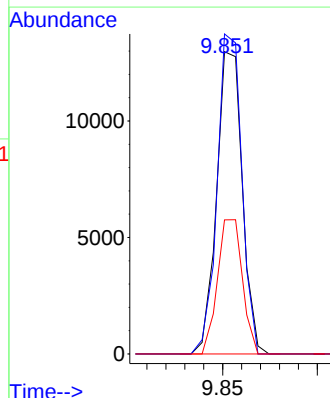
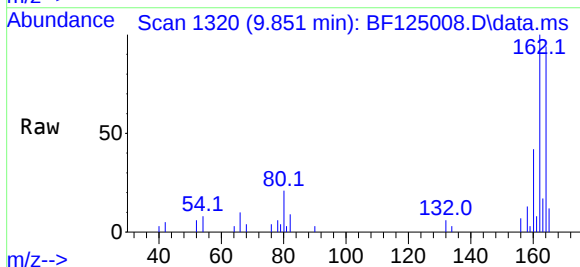
Tgt Ion: 164 Resp: 12223

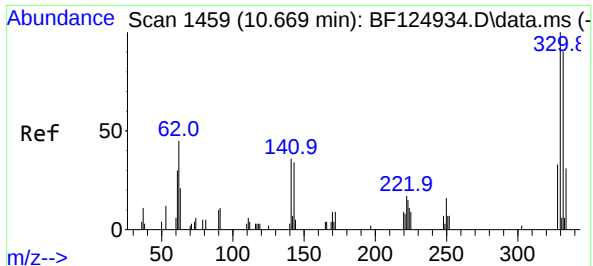
Ion Ratio Lower Upper

164 100

162 105.9 81.3 121.9

160 44.4 38.0 57.0

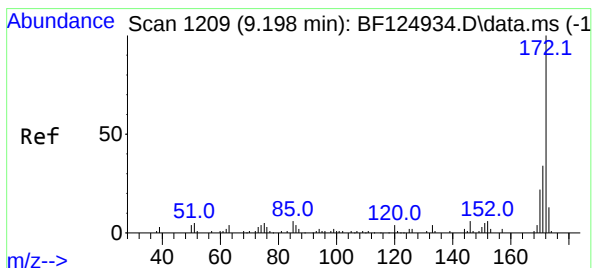
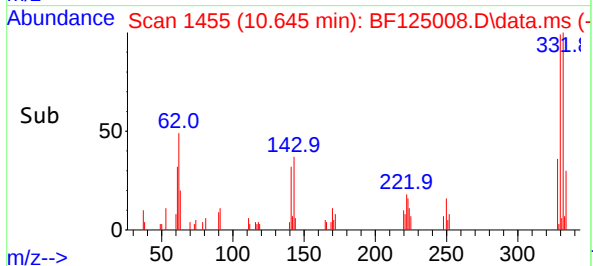
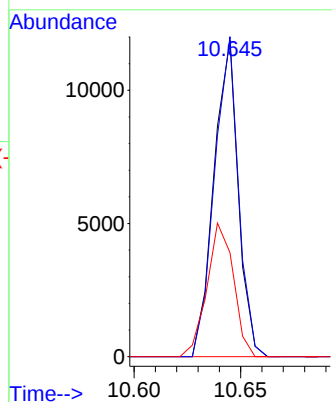
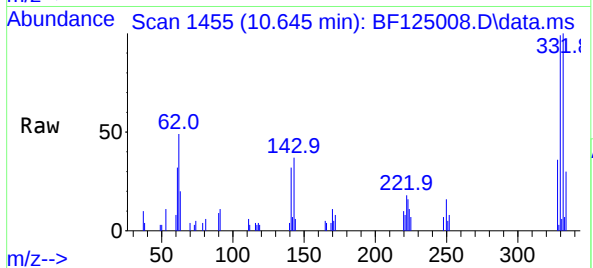




#42
2,4,6-Tribromophenol
Concen: 86.410 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

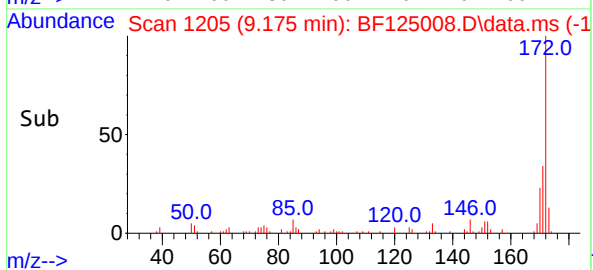
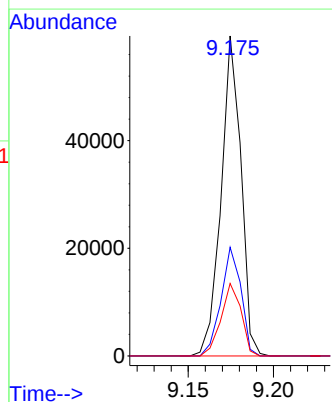
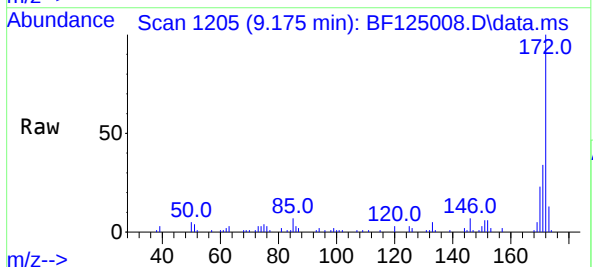
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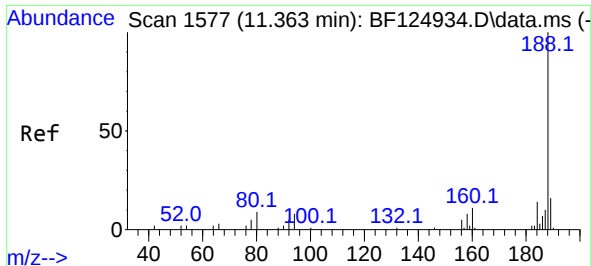
Tgt Ion: 330 Resp: 9436
Ion Ratio Lower Upper
330 100
332 99.6 76.2 114.4
141 45.8 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 57.769 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

Tgt Ion: 172 Resp: 48257
Ion Ratio Lower Upper
172 100
171 33.9 26.5 39.7
170 22.6 18.8 28.2

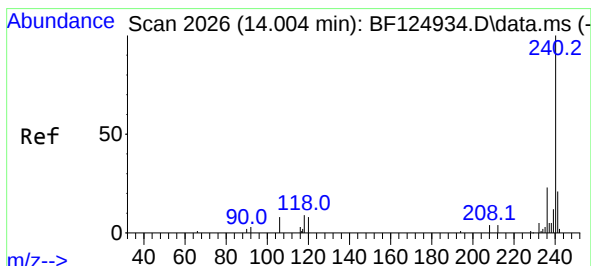
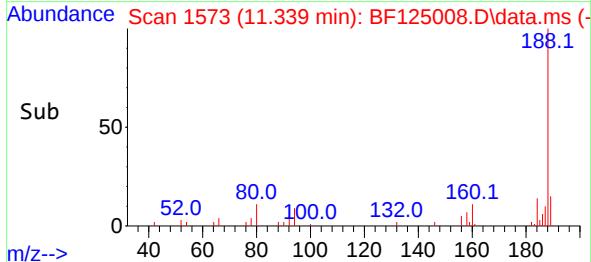
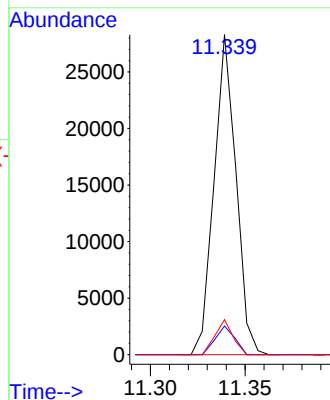
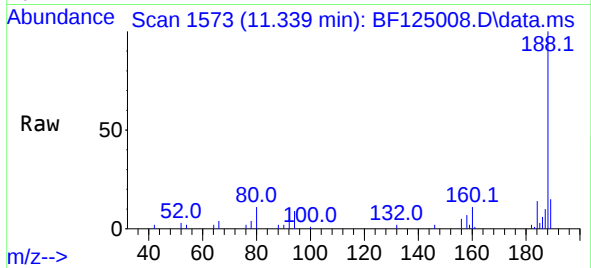




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

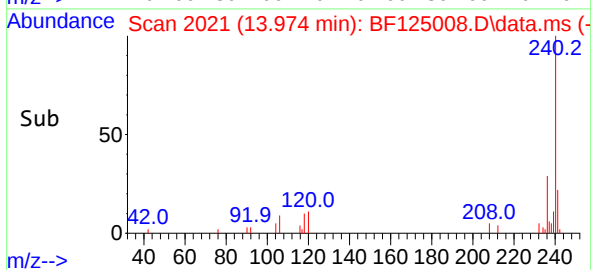
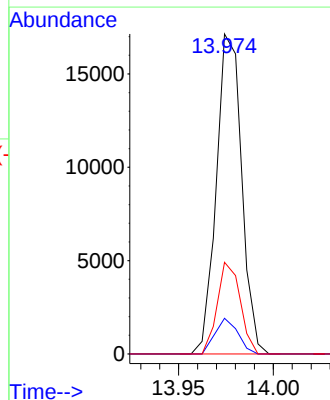
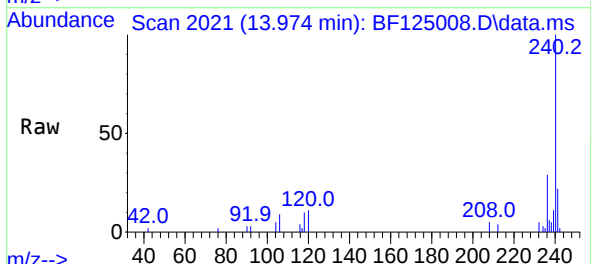
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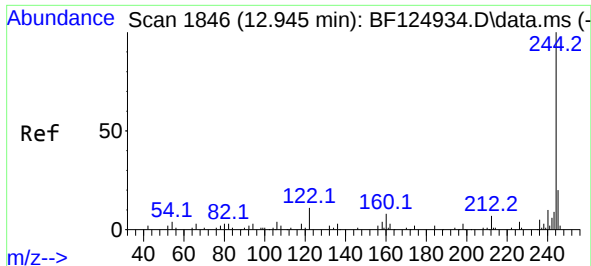
Tgt Ion:188 Resp: 22820
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 10.9 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

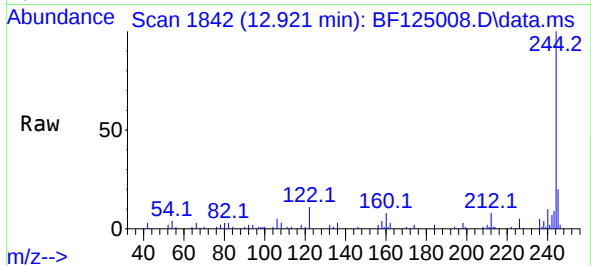
Tgt Ion:240 Resp: 15935
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 28.7 21.6 32.4



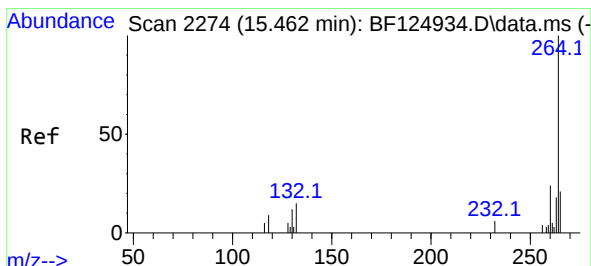
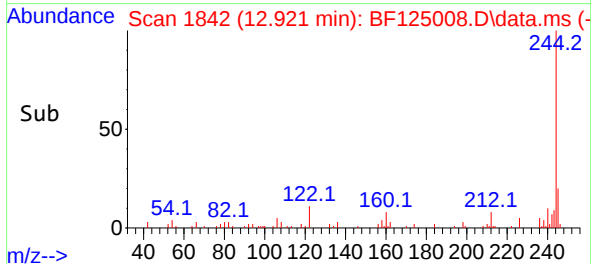
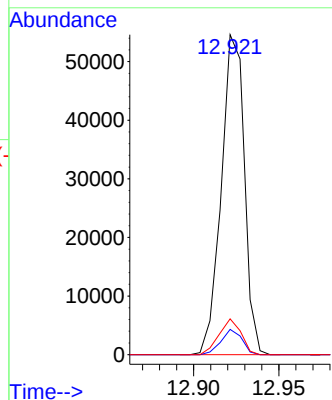


#79
 Terphenyl-d14
 Concen: 54.497 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF125008.D
 Acq: 9 Aug 2021 18:49

Instrument :
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Tgt Ion:244 Resp: 51482
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 11.2 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF125008.D
 Acq: 9 Aug 2021 18:49

Tgt Ion:264 Resp: 10935
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.6 29.4
 265 22.4 17.2 25.8

