

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
 Data File : BF125042.D
 Acq On : 10 Aug 2021 21:39
 Operator : JU/CG
 Sample : M3328-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210566-COM-39

Quant Time: Aug 11 04:16:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	4183	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	16647	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	9955	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	18535	20.000	ng	0.00
76) Chrysene-d12	13.968	240	13099	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	10218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	25623	100.343	ng	0.00
7) Phenol-d6	6.451	99	34629	107.548	ng	0.00
23) Nitrobenzene-d5	7.375	82	23974	75.338	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	10233	115.058	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	39447	57.981	ng	0.00
79) Terphenyl-d14	12.916	244	50188	64.630	ng	0.00

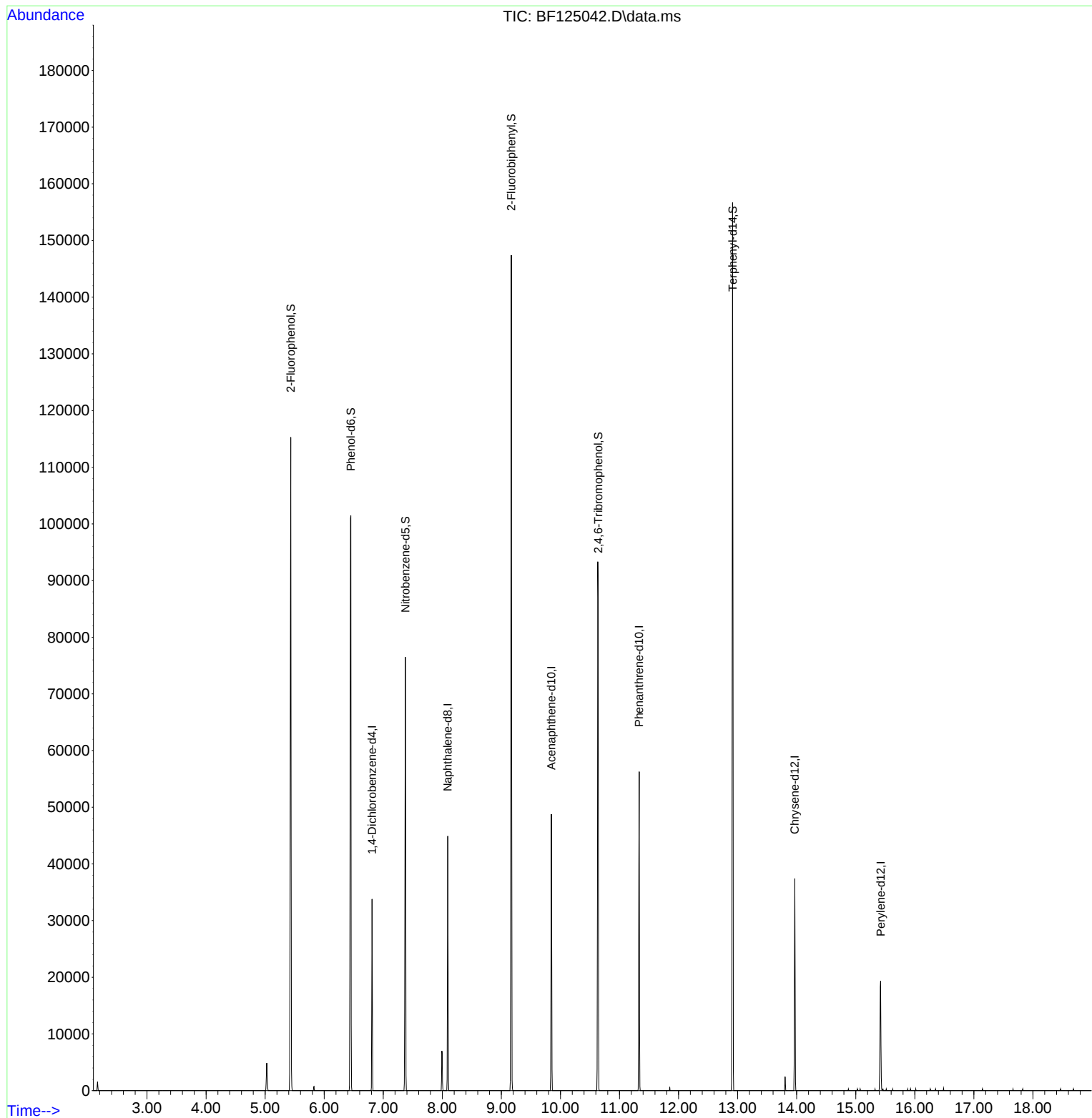
Target Compounds	Qvalue

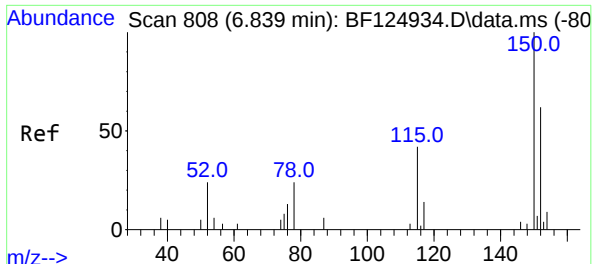
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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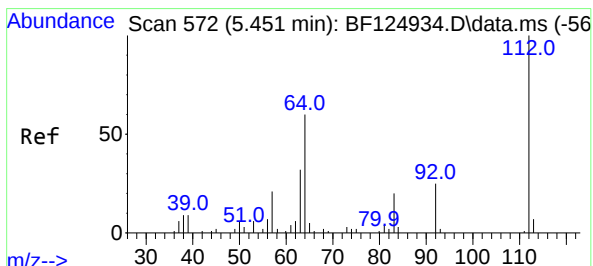
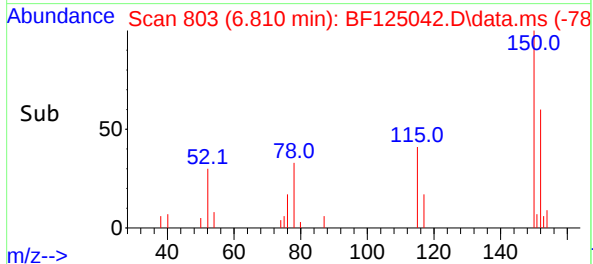
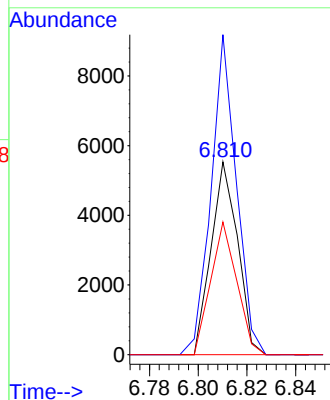
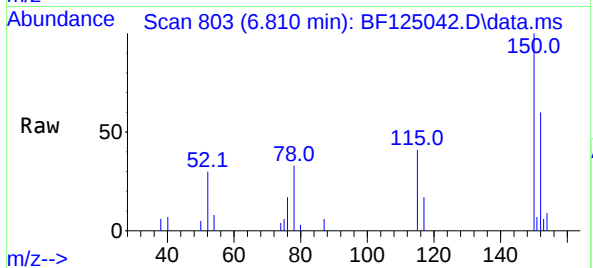




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

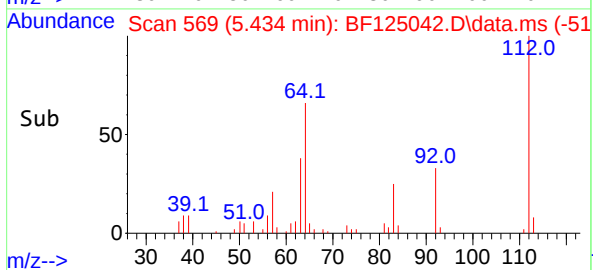
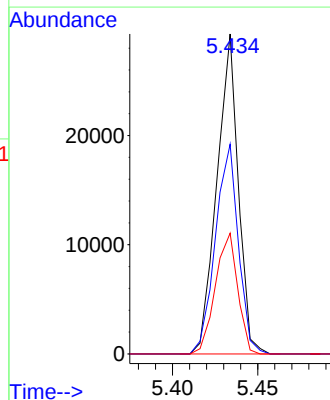
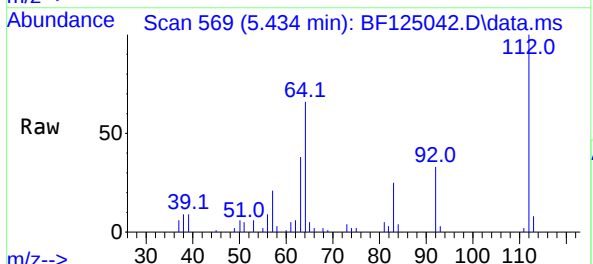
Instrument :
BNA_F
ClientSampleId :
20210566-COM-39

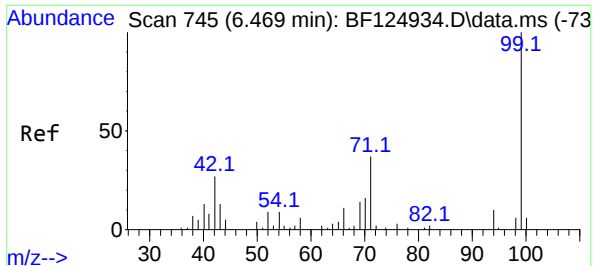
Tgt Ion:152 Resp: 4183
Ion Ratio Lower Upper
152 100
150 165.9 117.6 176.4
115 68.8 47.1 70.7



#5
2-Fluorophenol
Concen: 100.343 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

Tgt Ion:112 Resp: 25623
Ion Ratio Lower Upper
112 100
64 65.5 44.2 66.2
63 37.7 26.2 39.2

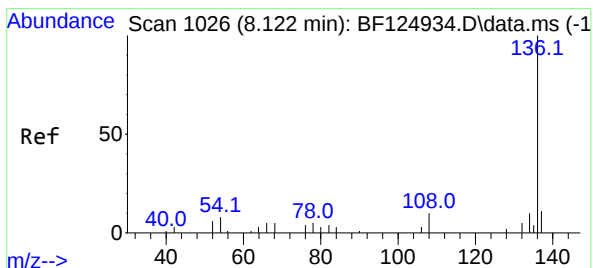
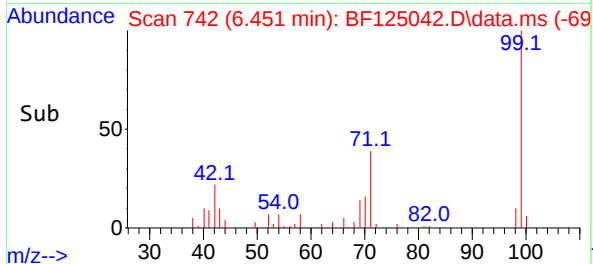
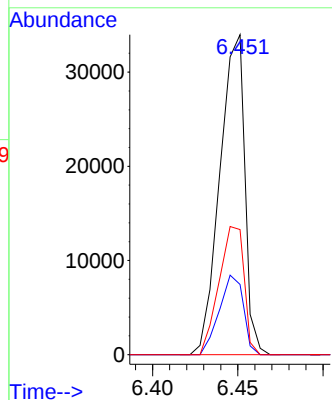
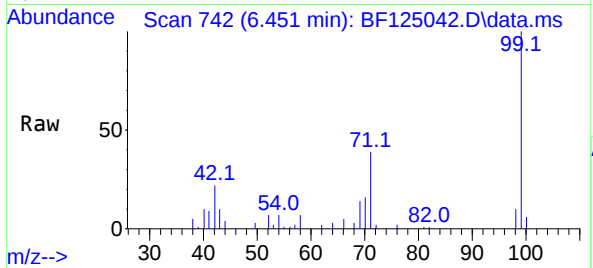




#7
Phenol-d6
Concen: 107.548 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

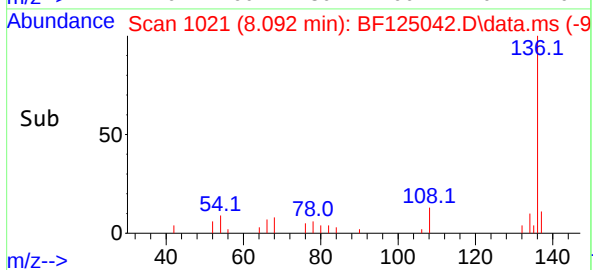
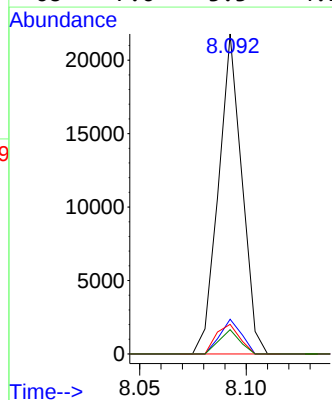
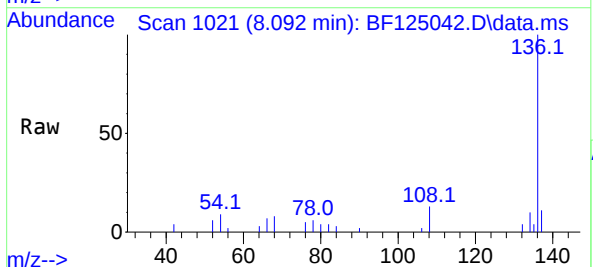
Instrument :
BNA_F
ClientSampleId :
20210566-COM-39

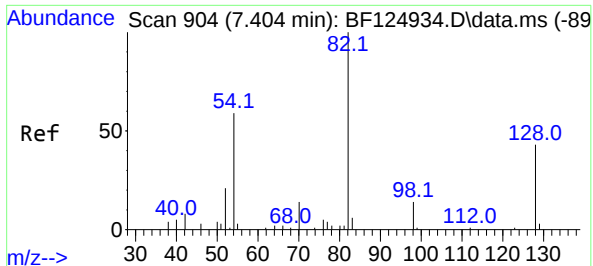
Tgt Ion: 99 Resp: 34629
Ion Ratio Lower Upper
99 100
42 22.0 23.5 35.3#
71 39.1 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

Tgt Ion:136 Resp: 16647
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.2 6.4 9.6
68 7.6 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 75.338 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF125042.D

Acq: 10 Aug 2021 21:39

Tgt Ion: 82 Resp: 23974

Ion Ratio Lower Upper

82 100

128 39.3 40.6 60.8#

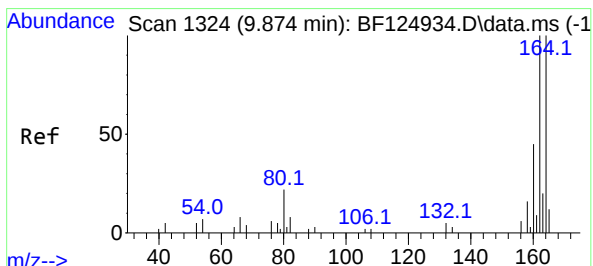
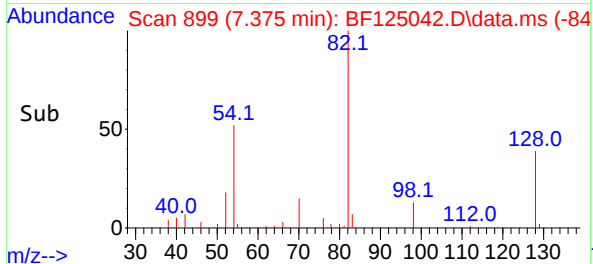
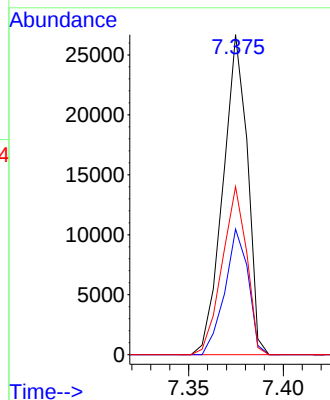
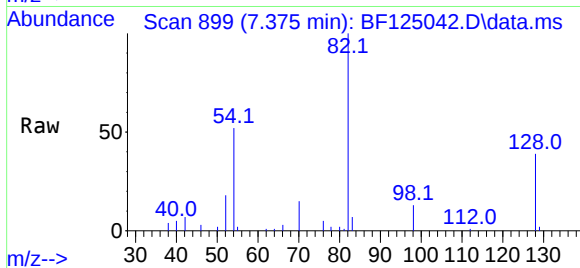
54 52.5 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

20210566-COM-39



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF125042.D

Acq: 10 Aug 2021 21:39

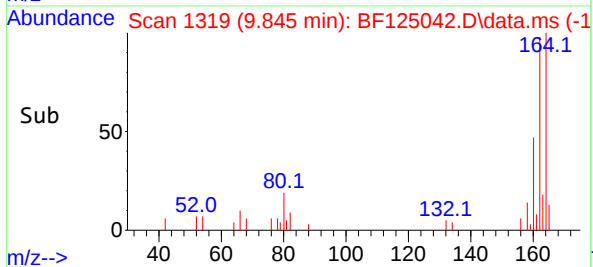
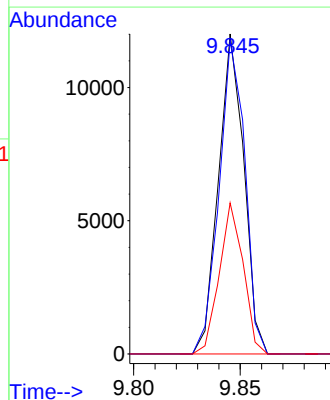
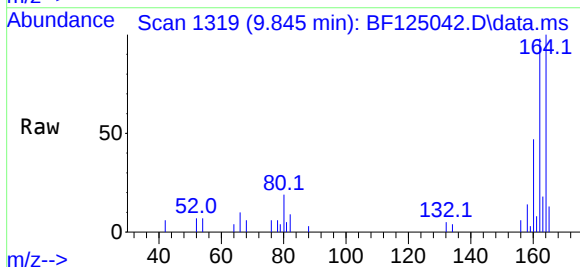
Tgt Ion:164 Resp: 9955

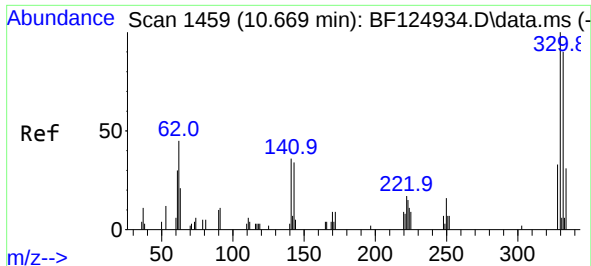
Ion Ratio Lower Upper

164 100

162 98.0 81.3 121.9

160 47.2 38.0 57.0

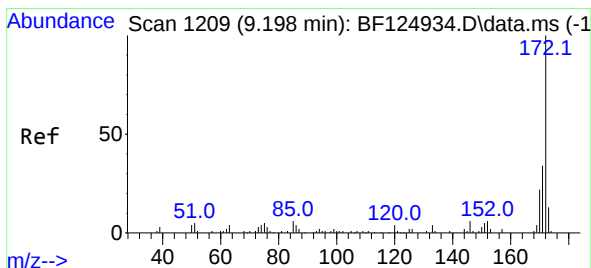
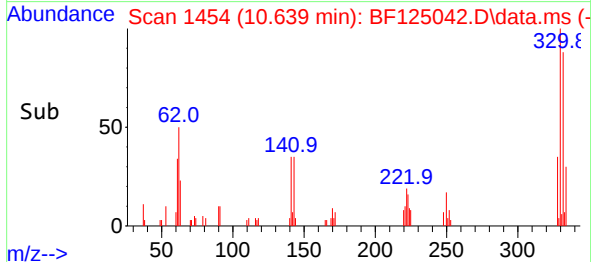
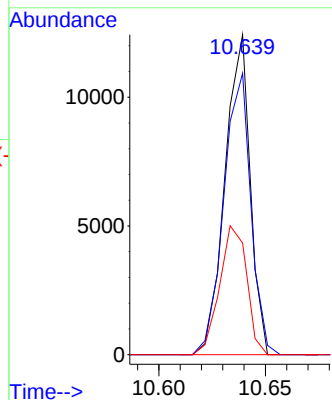
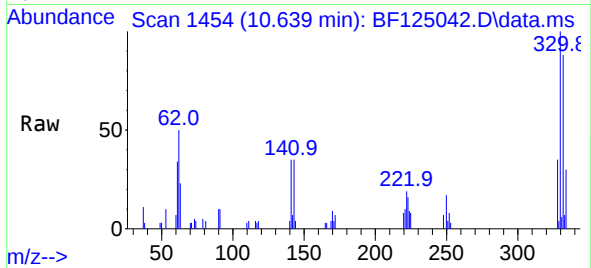




#42
2,4,6-Tribromophenol
Concen: 115.058 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

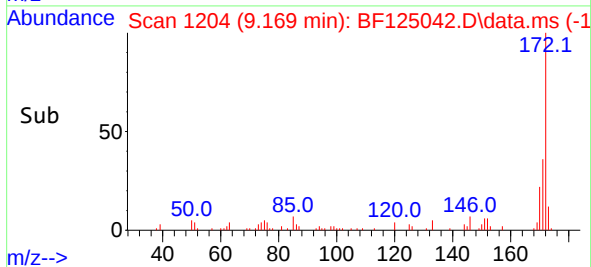
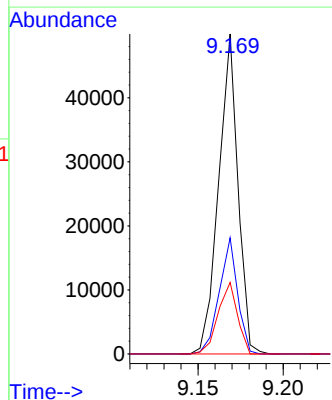
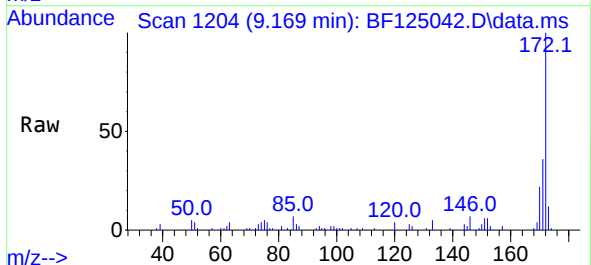
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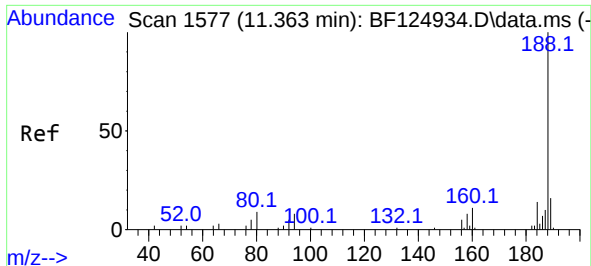
Tgt Ion:330 Resp: 10233
Ion Ratio Lower Upper
330 100
332 94.4 76.2 114.4
141 43.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 57.981 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

Tgt Ion:172 Resp: 39447
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 22.4 18.8 28.2

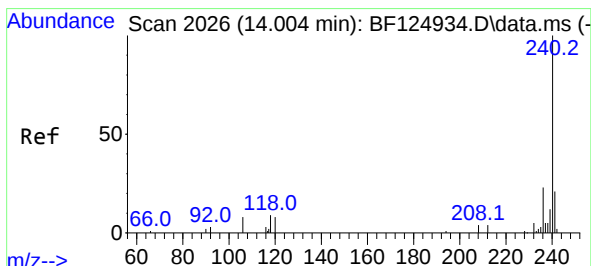
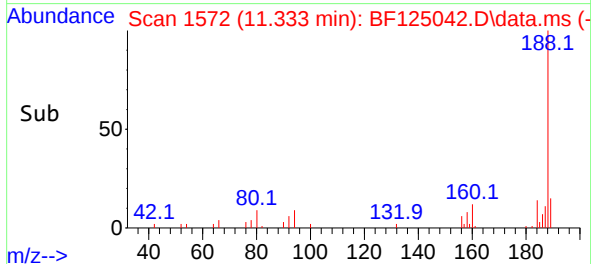
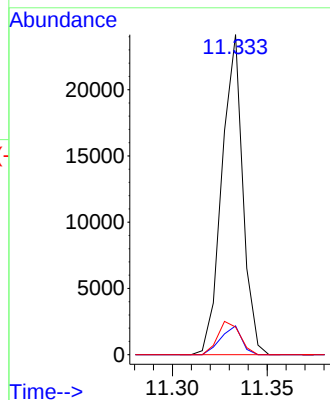
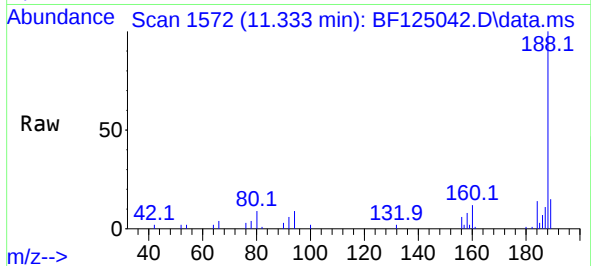




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

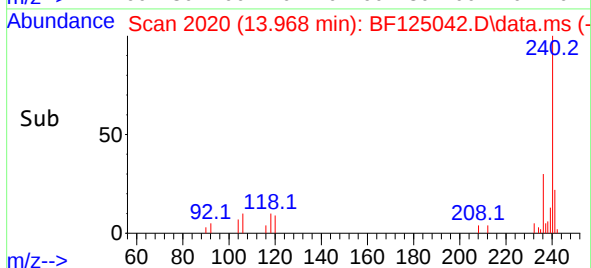
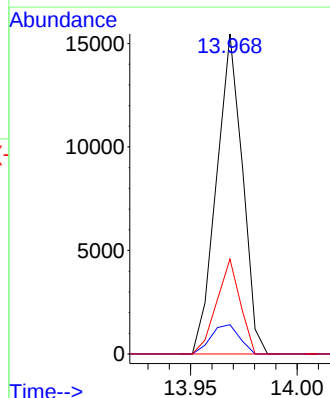
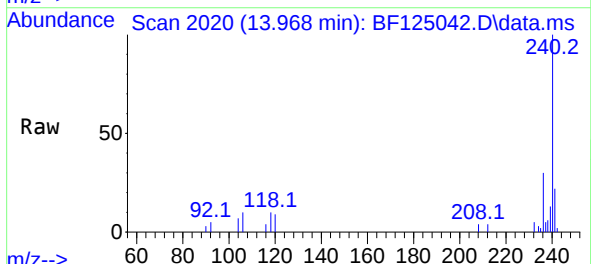
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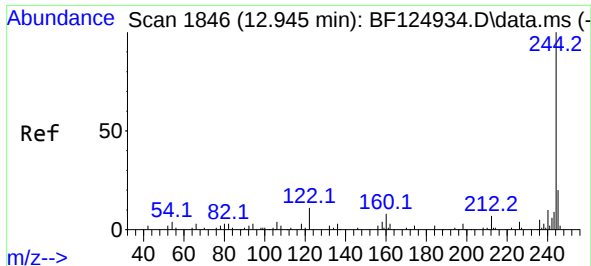
Tgt Ion:188 Resp: 18535
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 8.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

Tgt Ion:240 Resp: 13099
Ion Ratio Lower Upper
240 100
120 9.1 10.8 16.2#
236 29.6 21.6 32.4

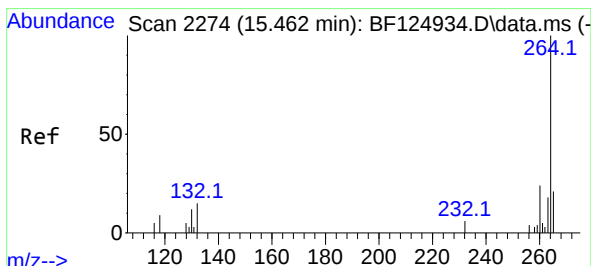
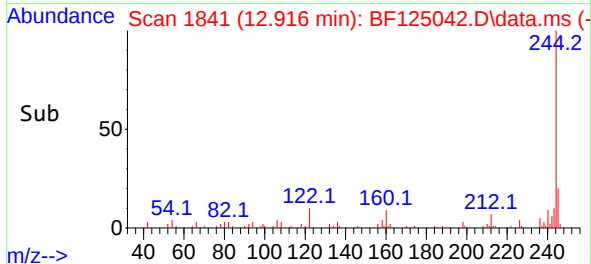
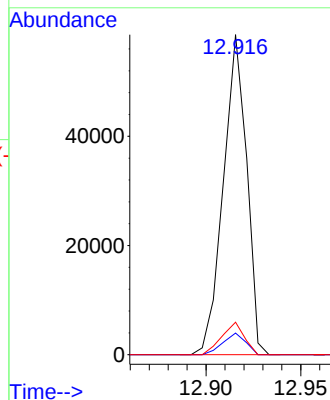
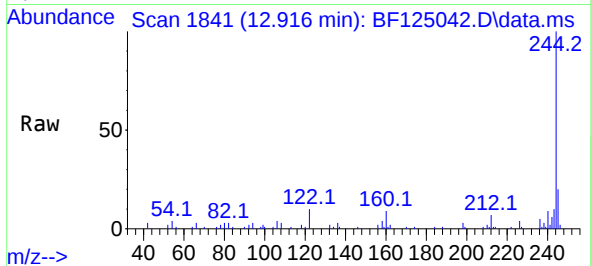




#79
Terphenyl-d14
Concen: 64.630 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

Instrument :
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Tgt Ion:244	Resp:	50188
Ion Ratio	Lower	Upper
244	100	
212	6.8	5.9 8.9
122	10.2	9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

Tgt Ion:264	Resp:	10218
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.6 29.4
265	21.6	17.2 25.8

