

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125010.D
 Acq On : 9 Aug 2021 19:55
 Operator : JU/CG
 Sample : M3318-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210595-AMENDED-COM-9

Quant Time: Aug 10 04:45:38 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	5968	20.000	ng	# 0.00
21) Naphthalene-d8	8.098	136	23452	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	12470	20.000	ng	-0.01
64) Phenanthrene-d10	11.339	188	23788	20.000	ng	0.00
76) Chrysene-d12	13.974	240	16451	20.000	ng	-0.01
86) Perylene-d12	15.427	264	11904	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	32649	89.616	ng	0.00
7) Phenol-d6	6.451	99	42482	92.476	ng	0.00
23) Nitrobenzene-d5	7.380	82	28205	62.915	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	8831	79.268	ng	0.00
45) 2-Fluorobiphenyl	9.174	172	52105	61.140	ng	0.00
79) Terphenyl-d14	12.921	244	55076	56.473	ng	0.00

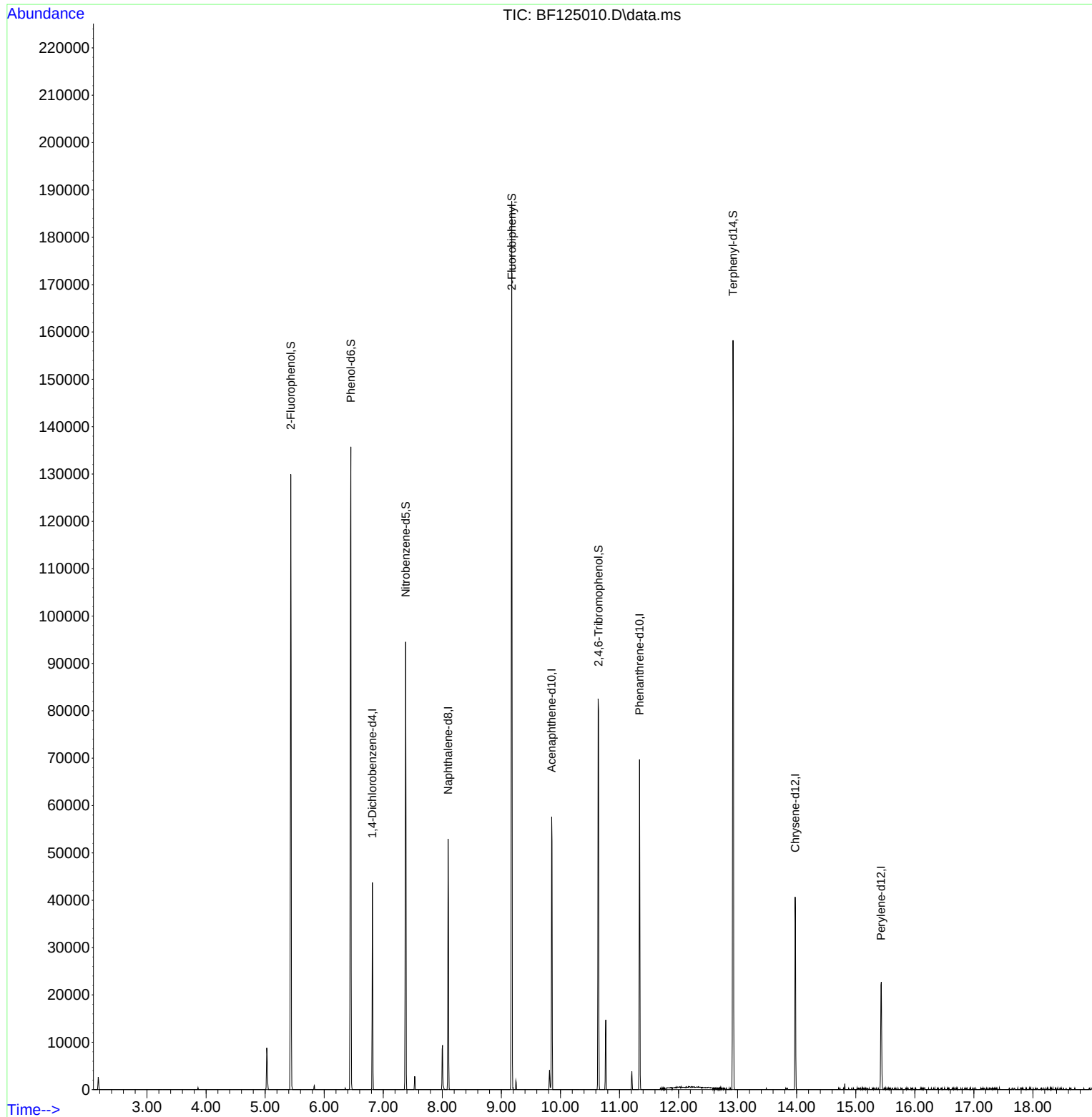
Target Compounds	Qvalue

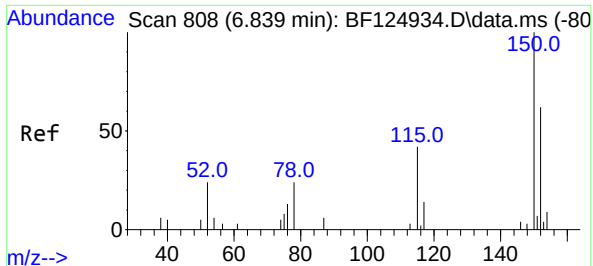
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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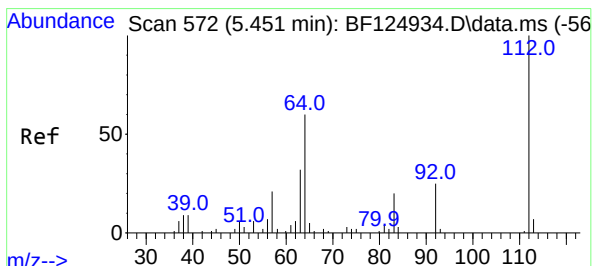
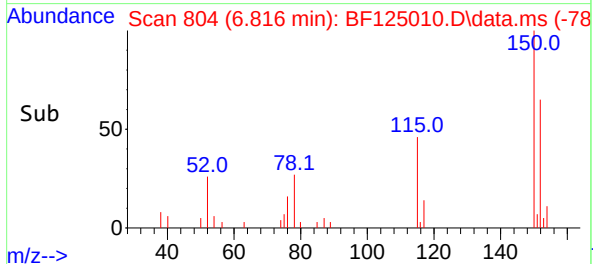
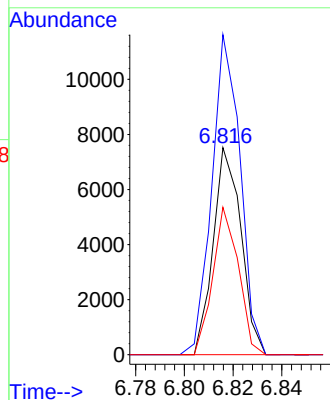
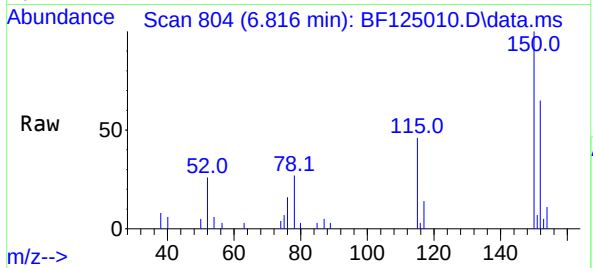




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF125010.D
Acq: 9 Aug 2021 19:55

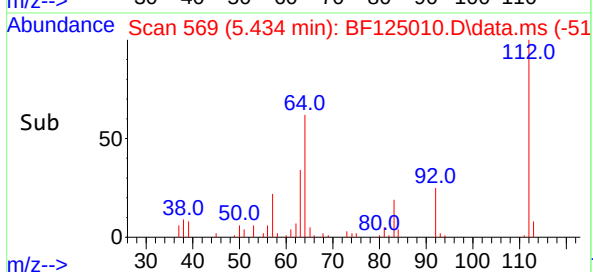
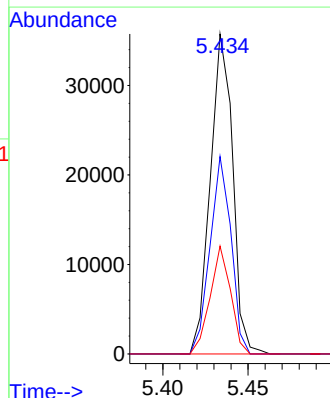
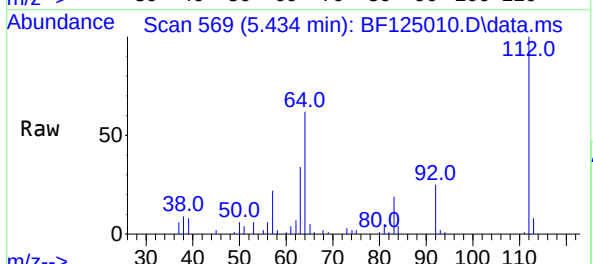
Instrument :
BNA_F
ClientSampleId :
20210595-AMENDED-COM-9

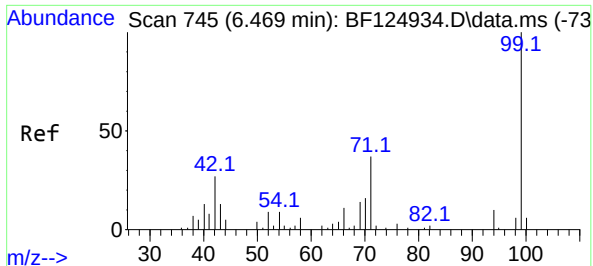
Tgt Ion:152 Resp: 5968
Ion Ratio Lower Upper
152 100
150 154.6 117.6 176.4
115 71.2 47.1 70.7#



#5
2-Fluorophenol
Concen: 89.616 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125010.D
Acq: 9 Aug 2021 19:55

Tgt Ion:112 Resp: 32649
Ion Ratio Lower Upper
112 100
64 61.7 44.2 66.2
63 33.7 26.2 39.2

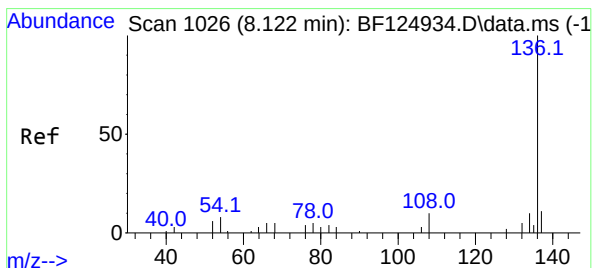
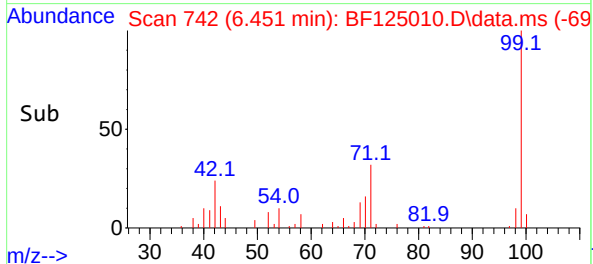
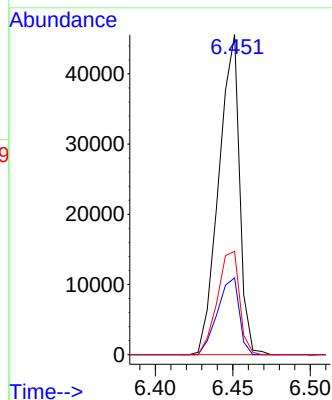
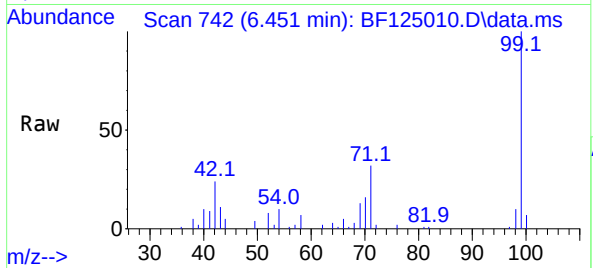




#7
Phenol-d6
Concen: 92.476 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125010.D
Acq: 9 Aug 2021 19:55

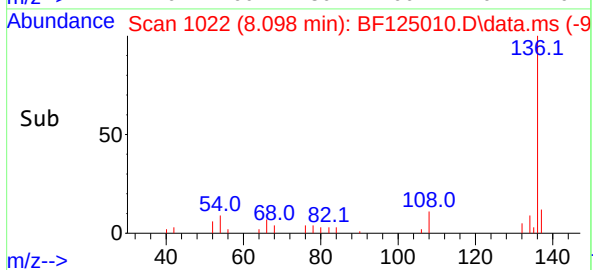
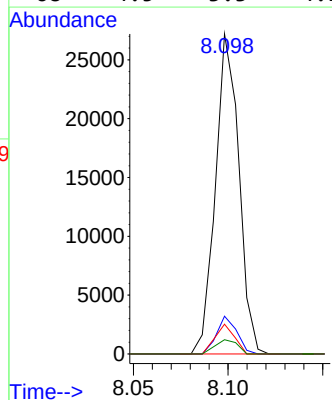
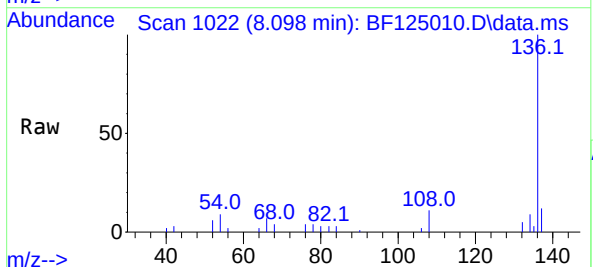
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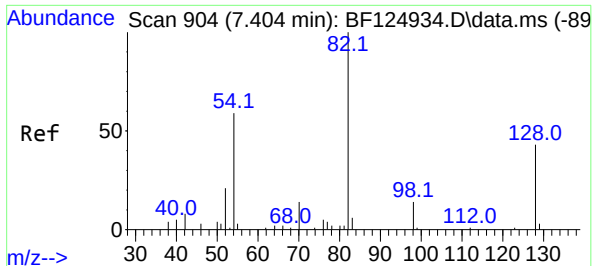
Tgt Ion: 99 Resp: 42482
Ion Ratio Lower Upper
99 100
42 24.0 23.5 35.3
71 32.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF125010.D
Acq: 9 Aug 2021 19:55

Tgt Ion: 136 Resp: 23452
Ion Ratio Lower Upper
136 100
137 11.8 9.8 14.6
54 9.3 6.4 9.6
68 4.5 3.3 4.9





#23

Nitrobenzene-d5

Concen: 62.915 ng

RT: 7.380 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF125010.D

Acq: 9 Aug 2021 19:55

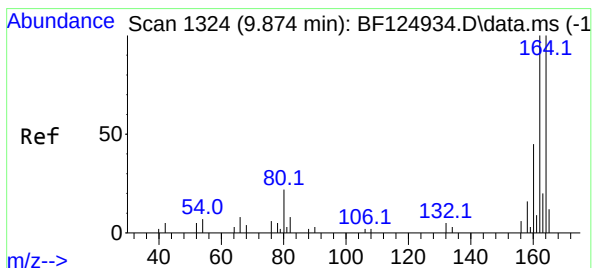
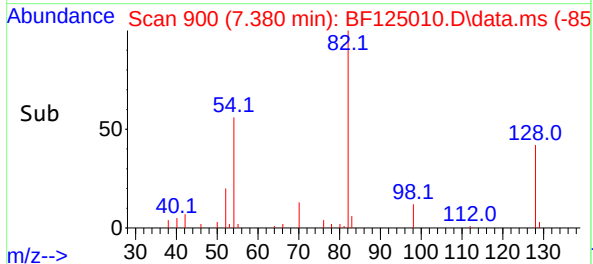
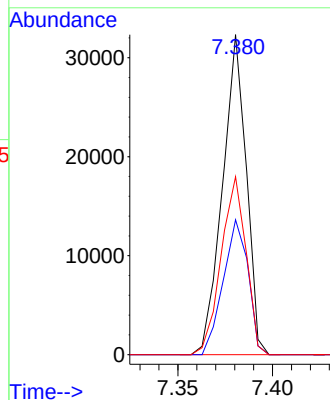
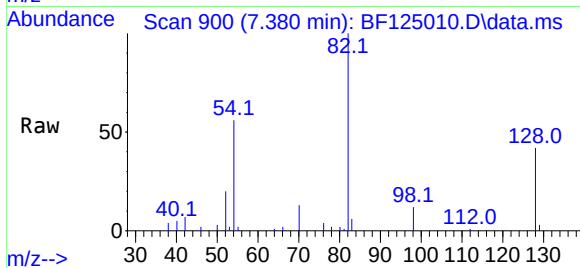
Tgt Ion: 82 Resp: 28205

Ion Ratio Lower Upper

82 100

128 42.1 40.6 60.8

54 55.6 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: BF125010.D

Acq: 9 Aug 2021 19:55

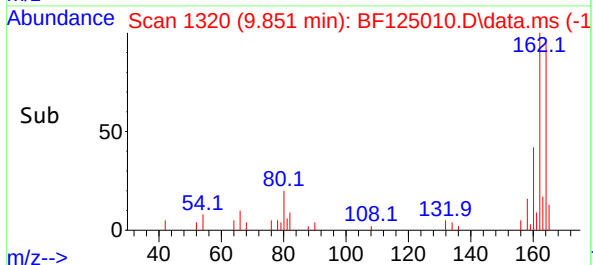
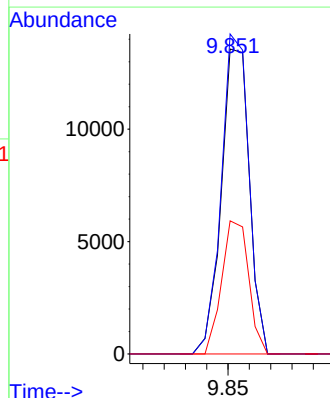
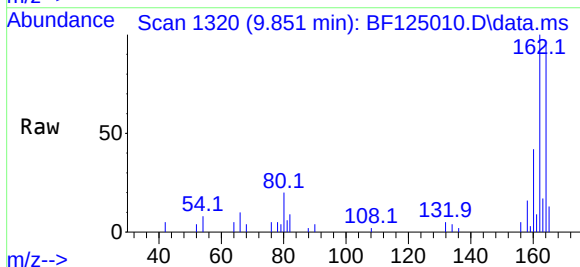
Tgt Ion:164 Resp: 12470

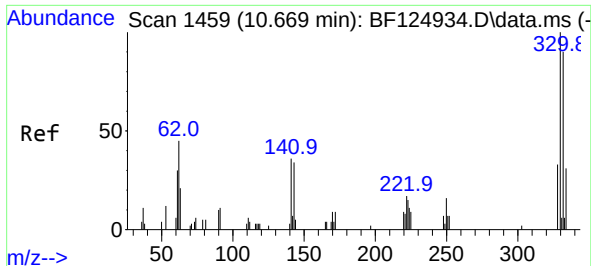
Ion Ratio Lower Upper

164 100

162 104.9 81.3 121.9

160 43.7 38.0 57.0

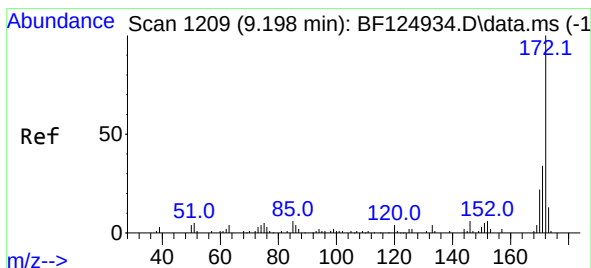
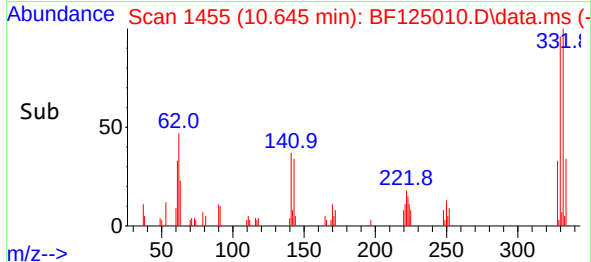
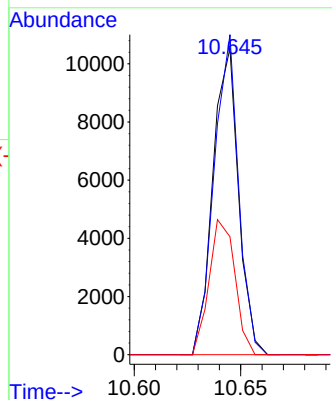
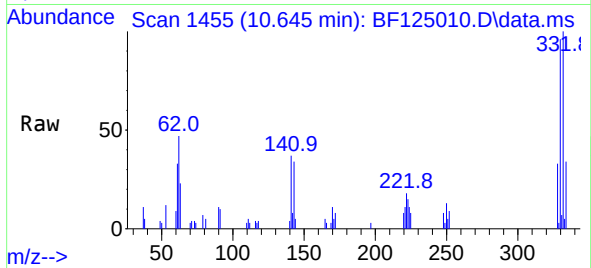




#42
2,4,6-Tribromophenol
Concen: 79.268 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF125010.D
Acq: 9 Aug 2021 19:55

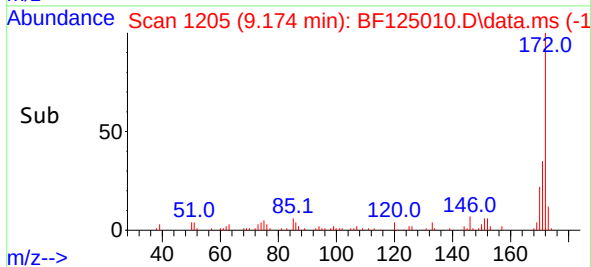
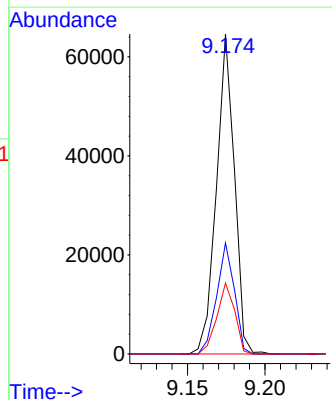
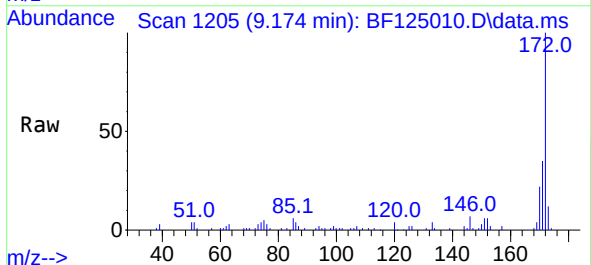
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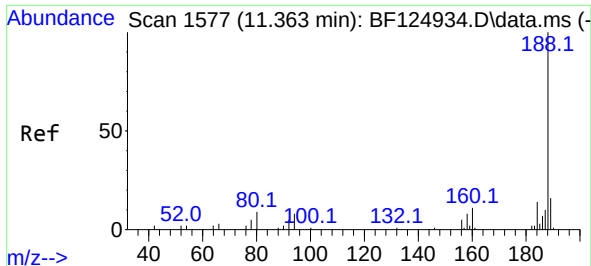
Tgt Ion:330 Resp: 8831
Ion Ratio Lower Upper
330 100
332 99.7 76.2 114.4
141 44.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 61.140 ng
RT: 9.174 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125010.D
Acq: 9 Aug 2021 19:55

Tgt Ion:172 Resp: 52105
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 22.1 18.8 28.2

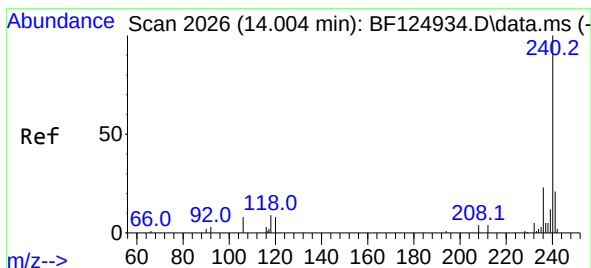
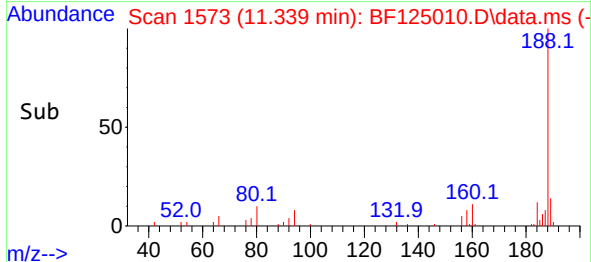
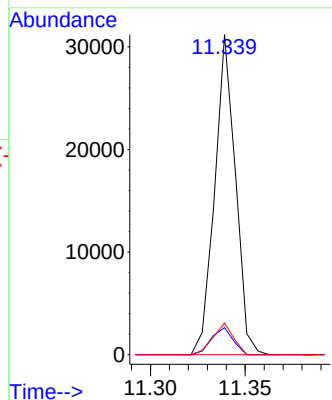
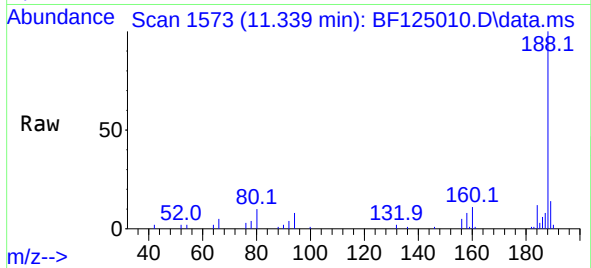




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF125010.D
Acq: 9 Aug 2021 19:55

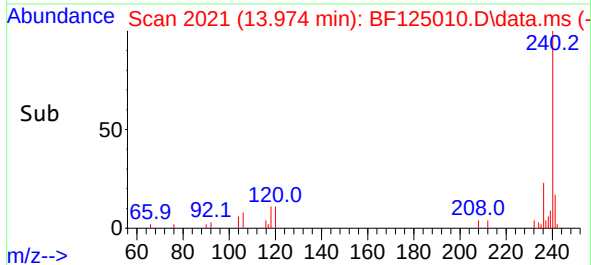
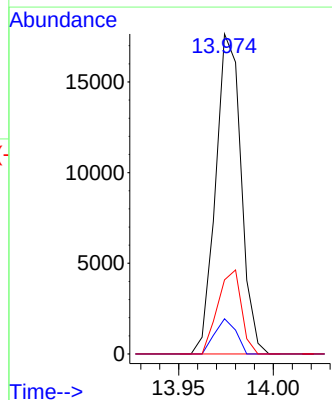
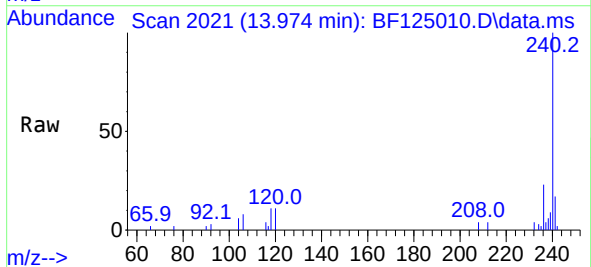
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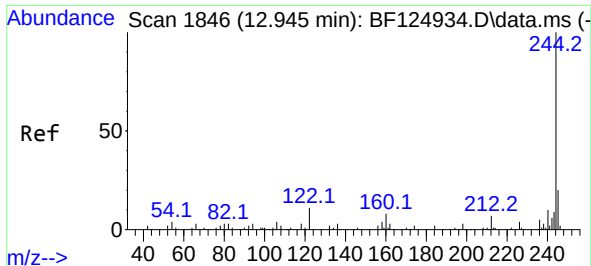
Tgt Ion:188 Resp: 23788
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.9 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF125010.D
Acq: 9 Aug 2021 19:55

Tgt Ion:240 Resp: 16451
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 23.2 21.6 32.4



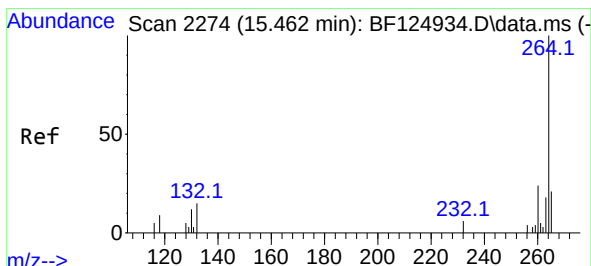
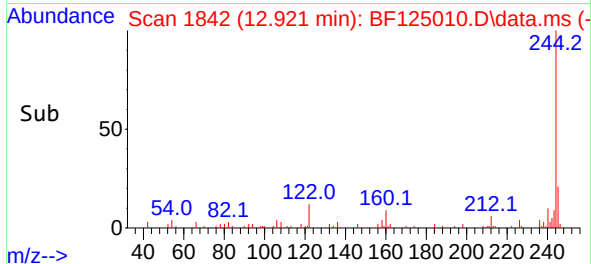
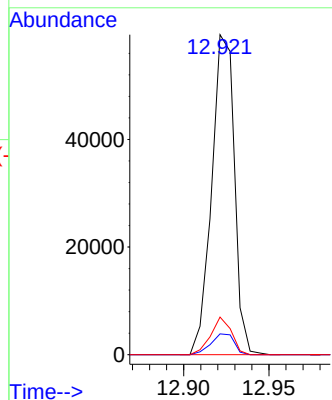
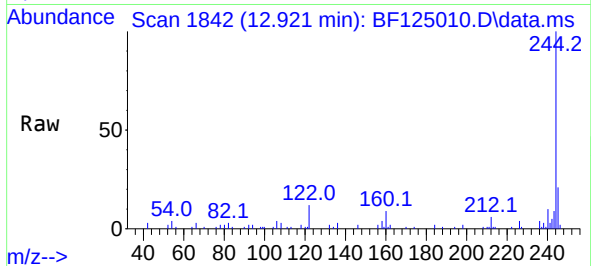


#79
Terphenyl-d14
Concen: 56.473 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF125010.D
Acq: 9 Aug 2021 19:55

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 55076

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.9	8.9
122	11.8	9.0	13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BF125010.D
Acq: 9 Aug 2021 19:55

Tgt Ion:264 Resp: 11904

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.6	29.4
265	21.1	17.2	25.8

