

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
 Data File : BF125806.D
 Acq On : 12 Oct 2021 17:27
 Operator : JU/CG
 Sample : M4169-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-RR-01-(2.0)

Quant Time: Oct 13 09:44:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 17:16:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	203907	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	793610	20.00	ng	# 0.00
39) Acenaphthene-d10	9.875	164	379916	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	640489	20.00	ng	0.00
76) Chrysene-d12	13.992	240	540042	20.00	ng	0.00
86) Perylene-d12	15.445	264	443934	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	646539	51.80	ng	0.00
7) Phenol-d6	6.457	99	437006	27.20	ng	-0.02
23) Nitrobenzene-d5	7.398	82	1001026	78.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	394142	105.08	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1790284	81.28	ng	0.00
79) Terphenyl-d14	12.945	244	1870695	52.77	ng	0.00

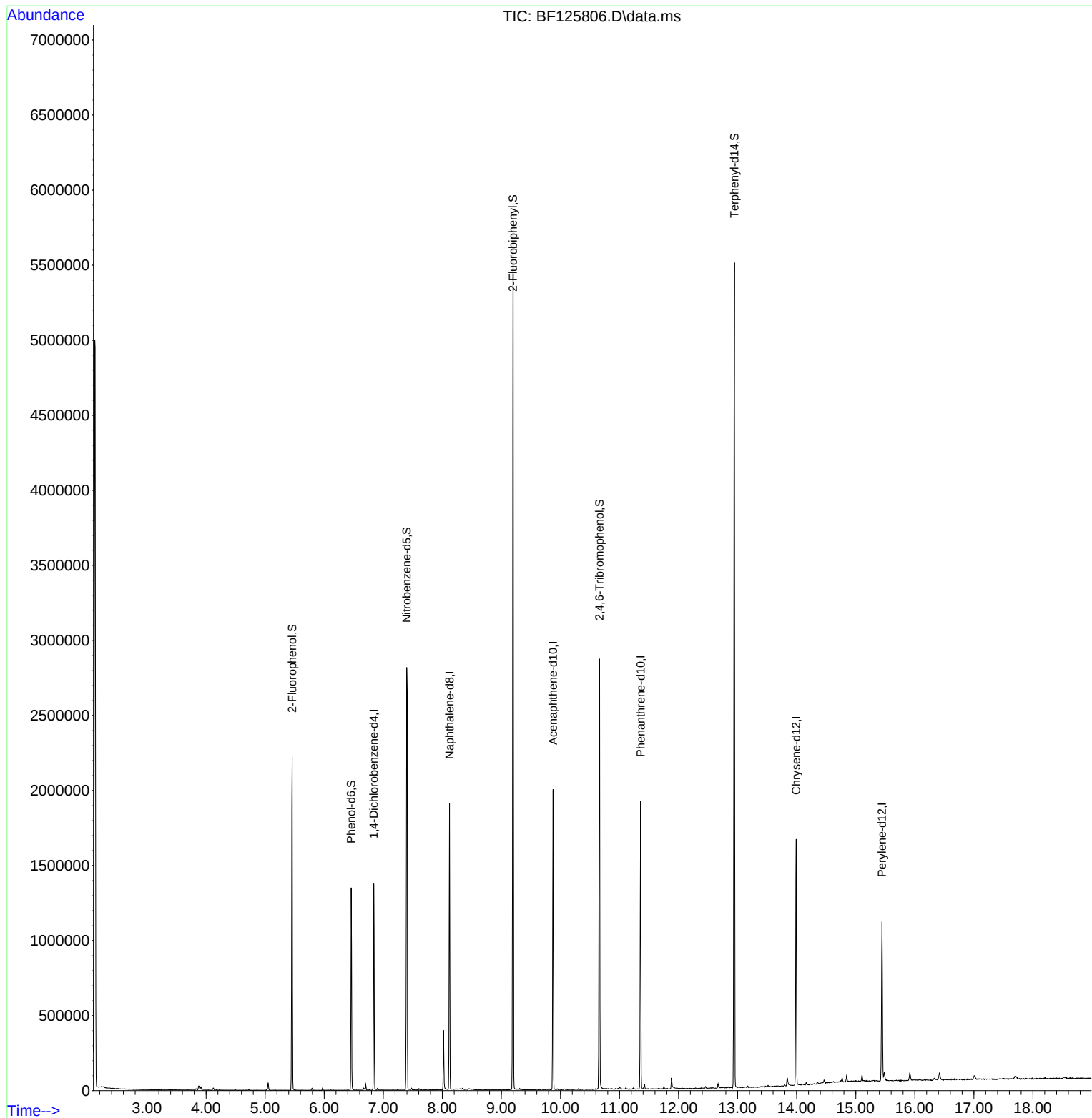
Target Compounds	Qvalue

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

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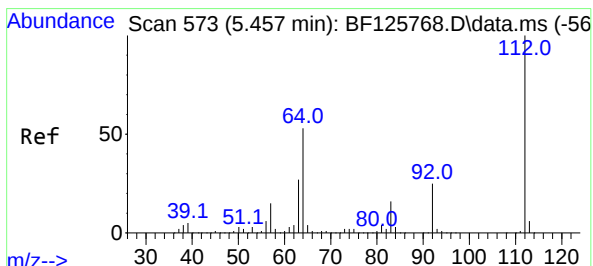
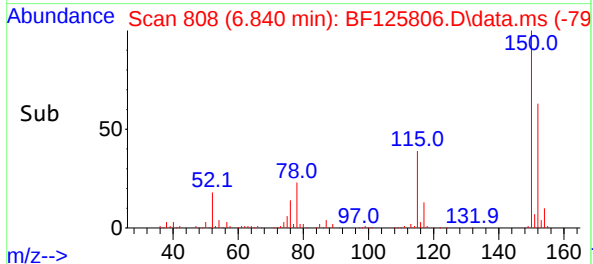
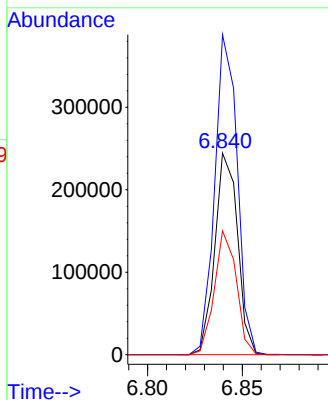
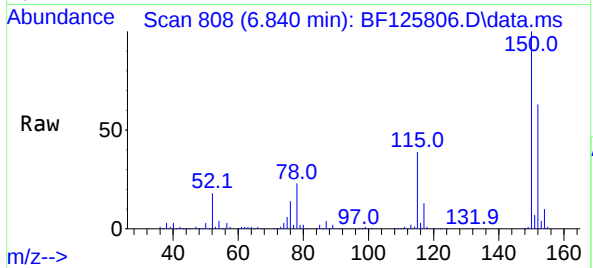




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

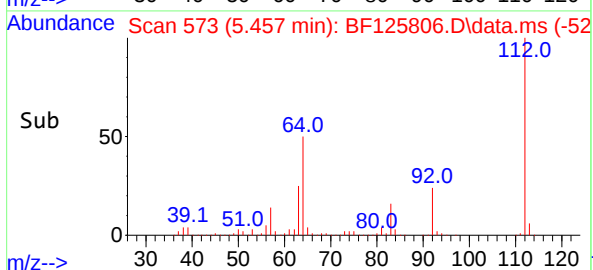
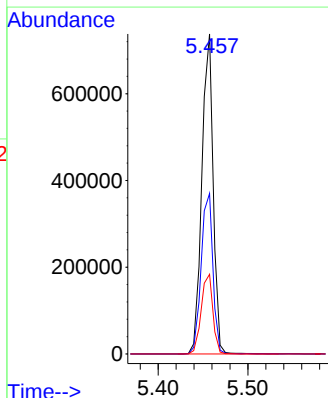
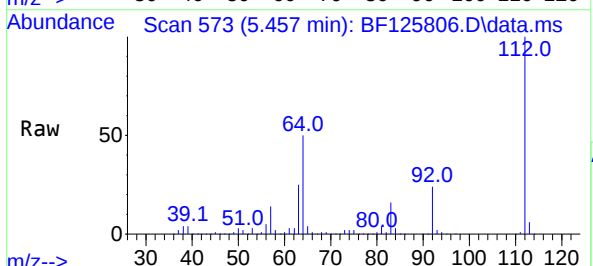
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

Tgt Ion:152 Resp: 203907
Ion Ratio Lower Upper
152 100
150 158.8 117.6 176.4
115 61.4 47.1 70.7



#5
2-Fluorophenol
Concen: 51.80 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

Tgt Ion:112 Resp: 646539
Ion Ratio Lower Upper
112 100
64 50.2 44.2 66.2
63 24.9 26.2 39.2#

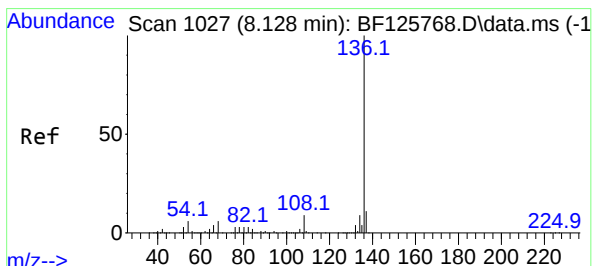
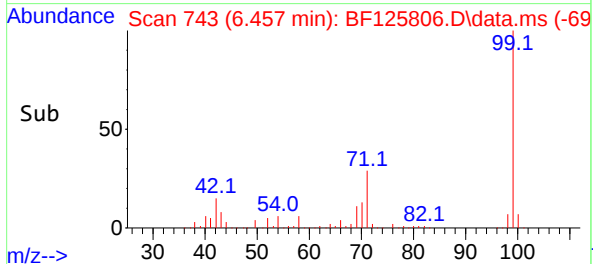
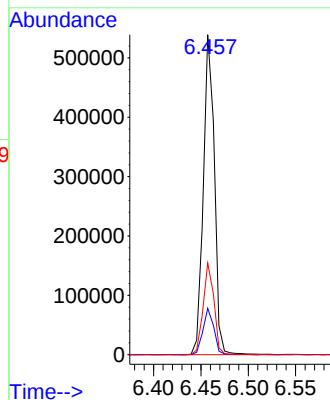
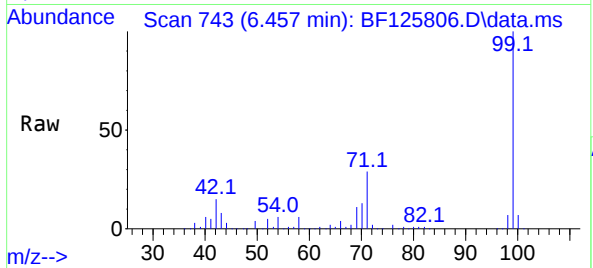




#7
Phenol-d6
Concen: 27.20 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.017 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

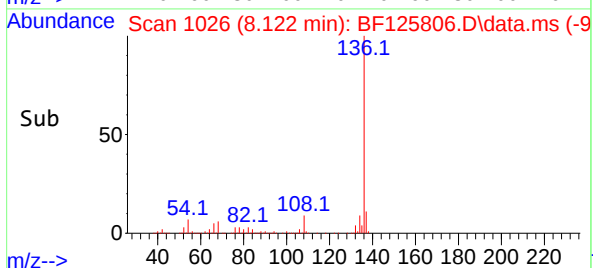
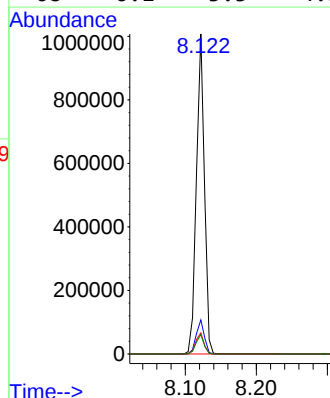
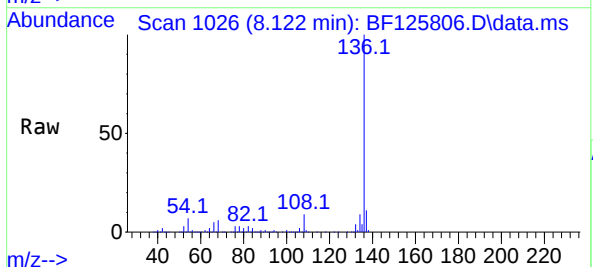
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

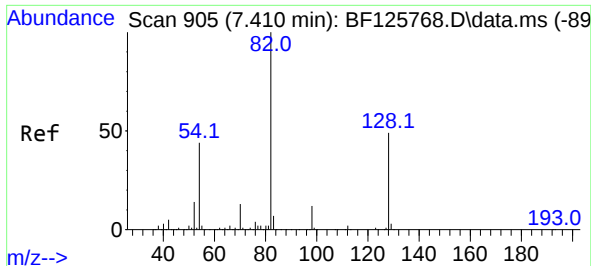
Tgt Ion: 99 Resp: 437006
Ion Ratio Lower Upper
99 100
42 14.5 23.5 35.3#
71 28.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

Tgt Ion: 136 Resp: 793610
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 6.6 6.4 9.6
68 6.1 3.3 4.9#

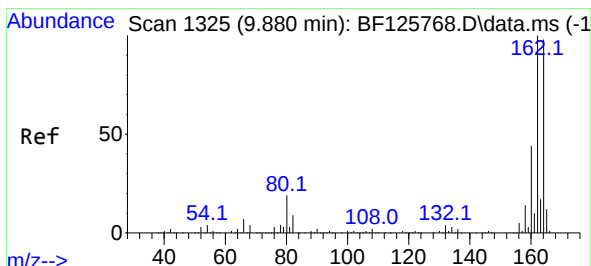
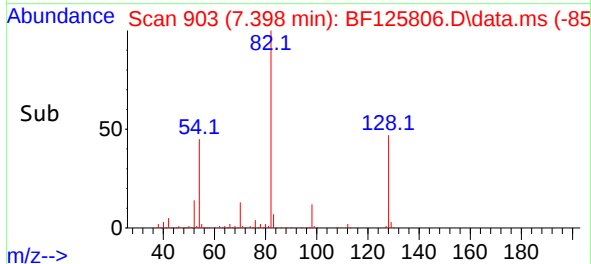
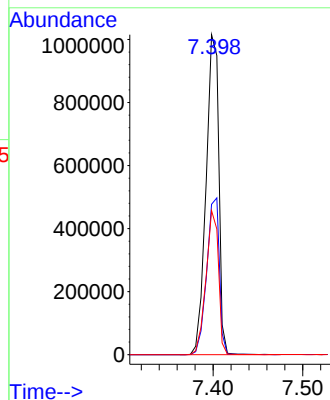
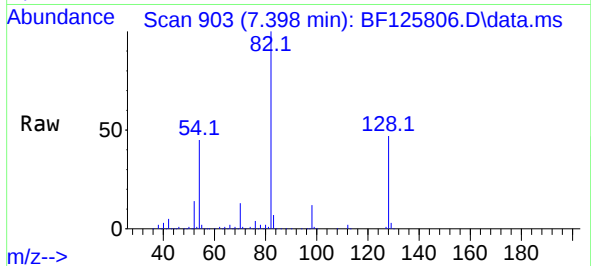




#23
Nitrobenzene-d5
Concen: 78.41 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

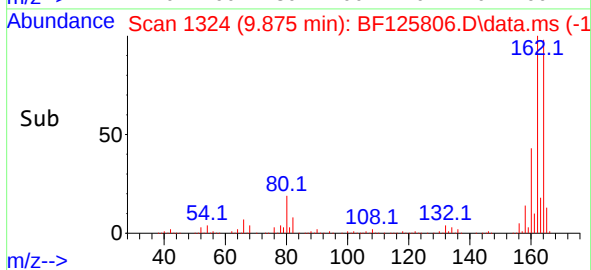
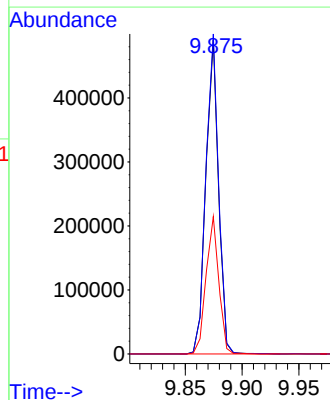
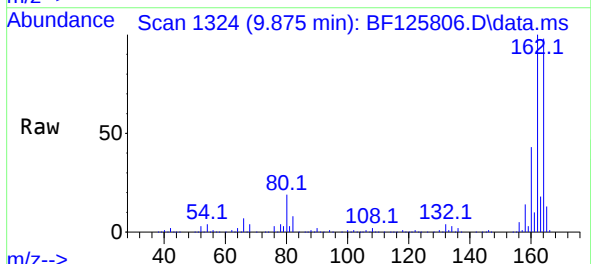
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

Tgt Ion: 82 Resp: 1001026
Ion Ratio Lower Upper
82 100
128 47.0 40.6 60.8
54 45.0 49.6 74.4#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

Tgt Ion:164 Resp: 379916
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 43.7 38.0 57.0

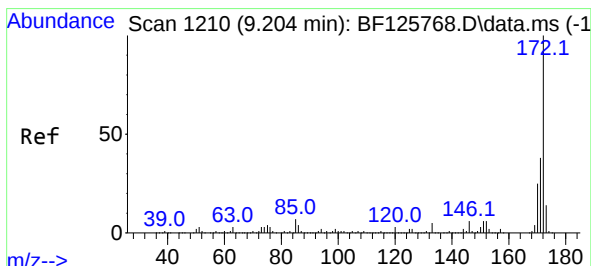
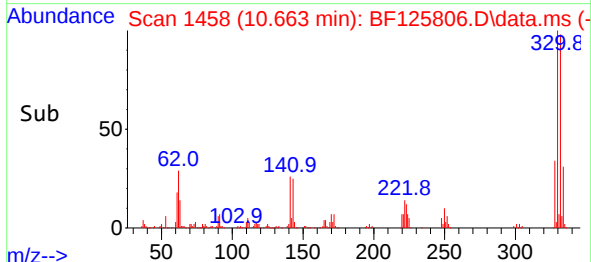
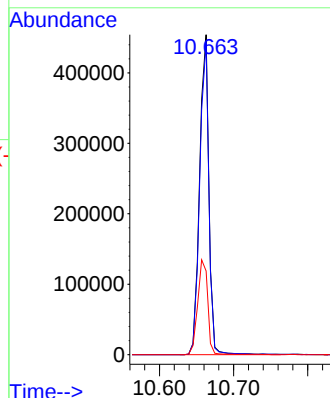
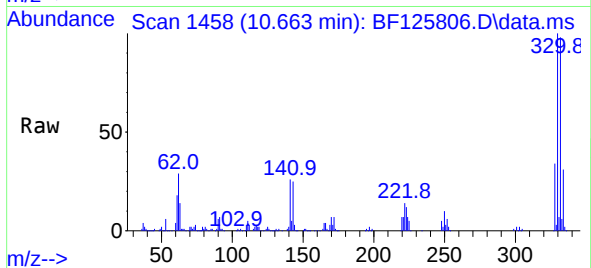




#42
2,4,6-Tribromophenol
Concen: 105.08 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

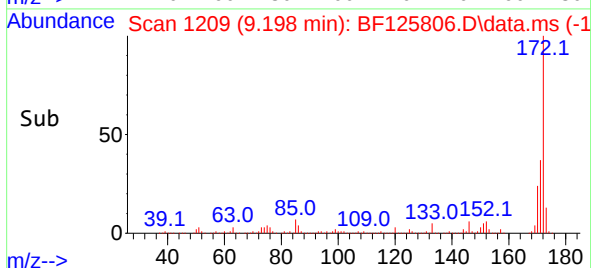
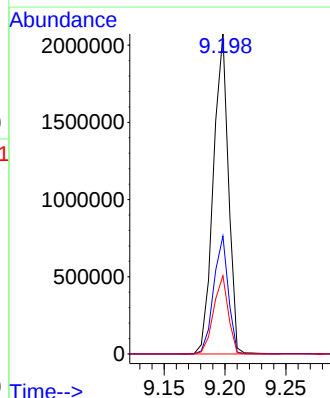
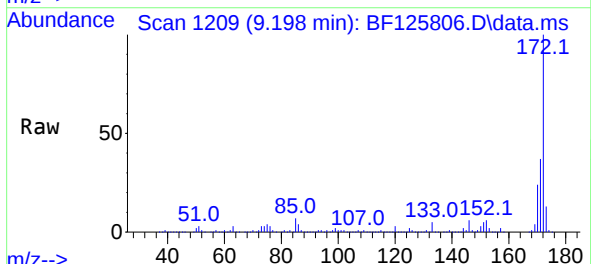
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

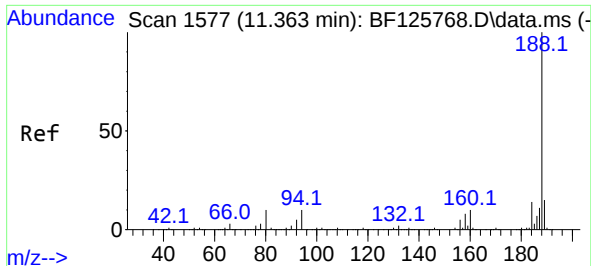
Tgt Ion:330 Resp: 394142
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 32.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 81.28 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

Tgt Ion:172 Resp: 1790284
Ion Ratio Lower Upper
172 100
171 36.9 26.5 39.7
170 24.4 18.8 28.2

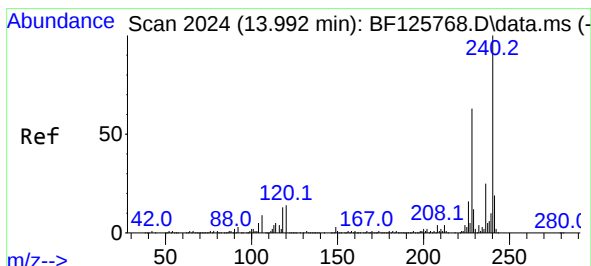
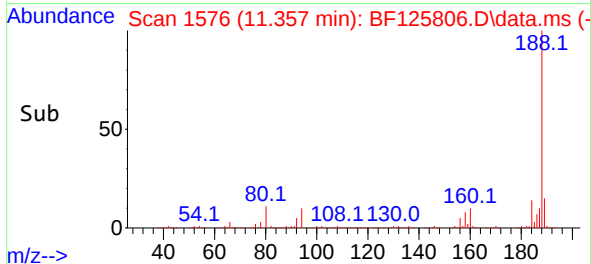
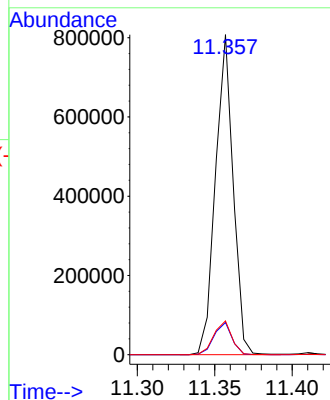
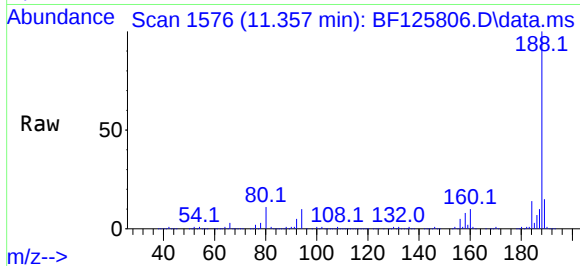




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

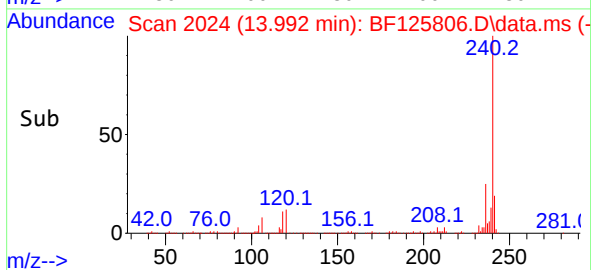
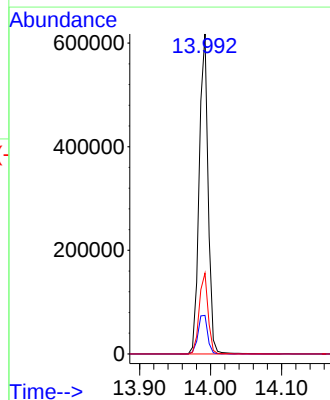
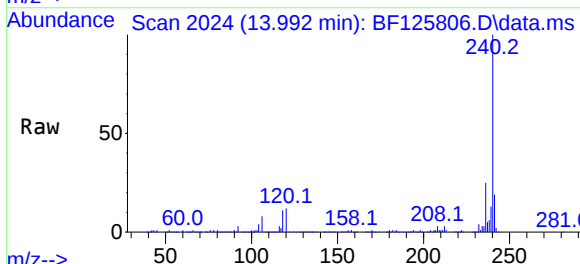
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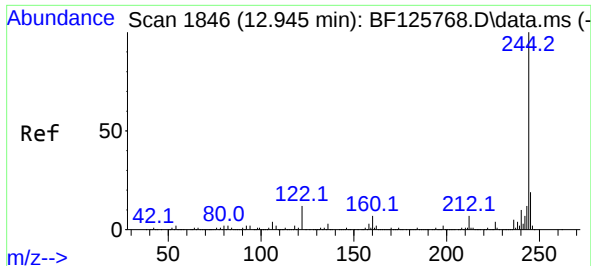
Tgt Ion:188 Resp: 640489
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 10.5 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

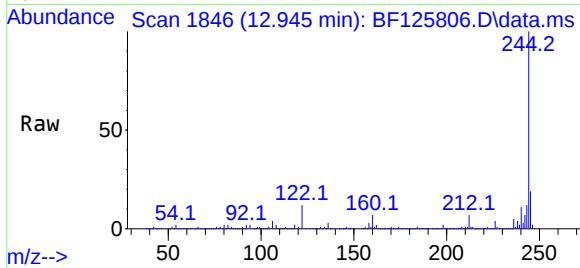
Tgt Ion:240 Resp: 540042
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 25.2 21.6 32.4



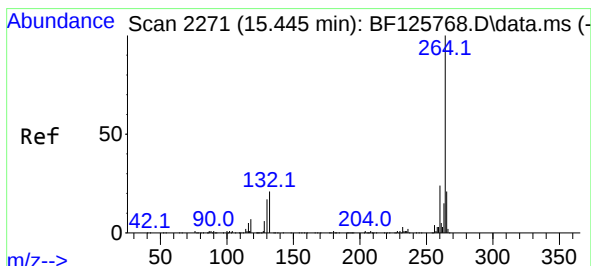
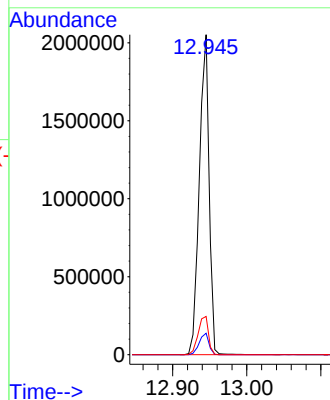
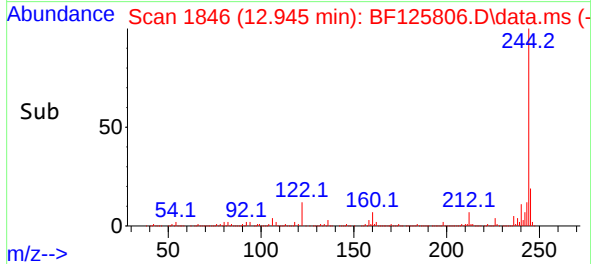


#79
Terphenyl-d14
Concen: 52.77 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27

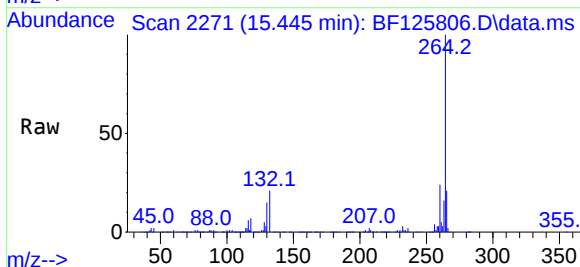
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)



Tgt Ion:244 Resp: 1870695
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 12.0 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF125806.D
Acq: 12 Oct 2021 17:27



Tgt Ion:264 Resp: 443934
Ion Ratio Lower Upper
264 100
260 23.9 19.6 29.4
265 21.5 17.2 25.8

