

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126040.D
 Acq On : 4 Nov 2021 12:12
 Operator : JU/CG
 Sample : M4470-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: Nov 04 14:33:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	134097	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	502172	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	300918	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	555951	20.000	ng	0.00
76) Chrysene-d12	14.004	240	346259	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	268613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1057318	135.403	ng	0.02
7) Phenol-d6	6.481	99	1231964	111.918	ng	0.00
23) Nitrobenzene-d5	7.416	82	1140841	107.139	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	547226	158.684	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2134017	95.834	ng	0.00
79) Terphenyl-d14	12.957	244	2430123	113.172	ng	0.00

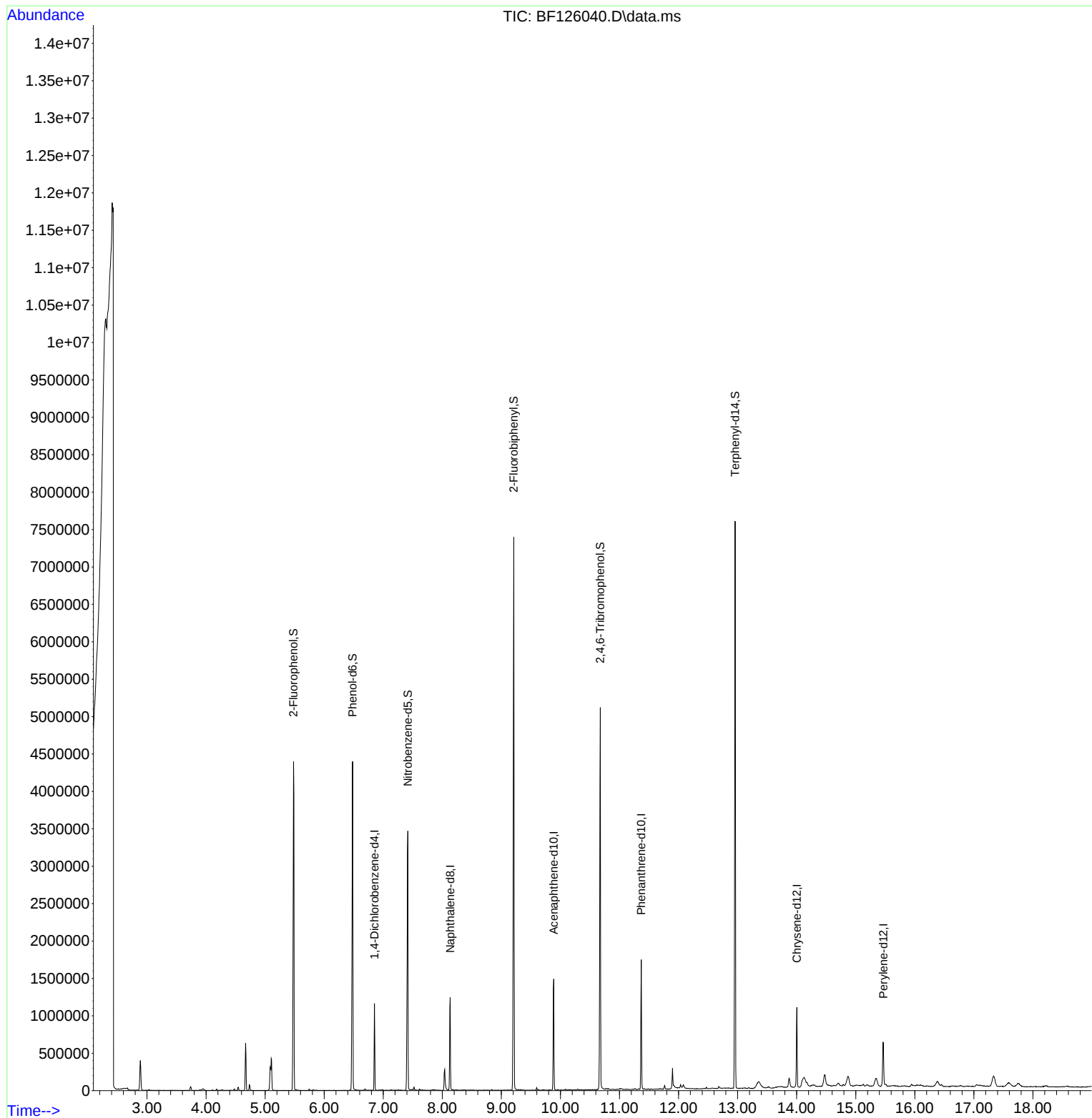
Target Compounds	Qvalue

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

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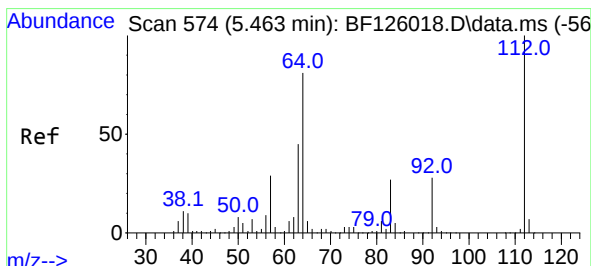
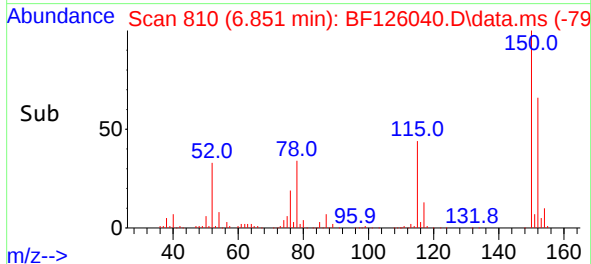
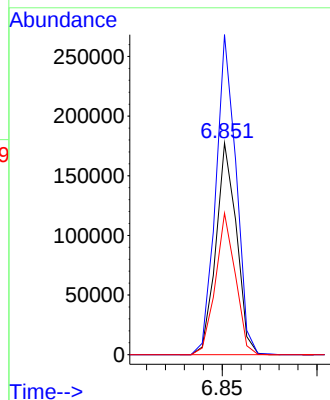
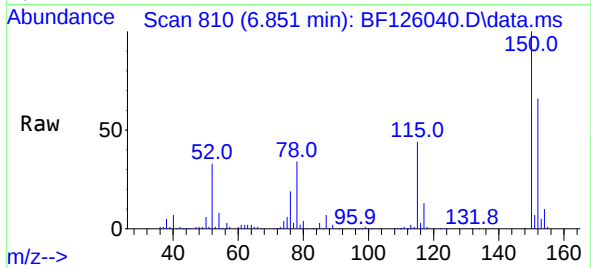




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

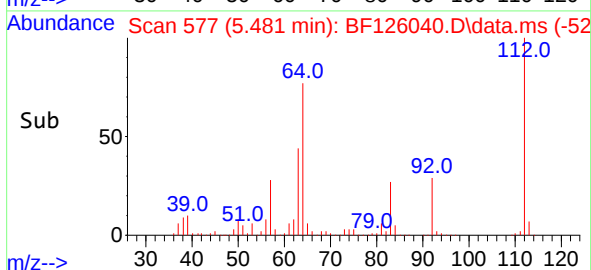
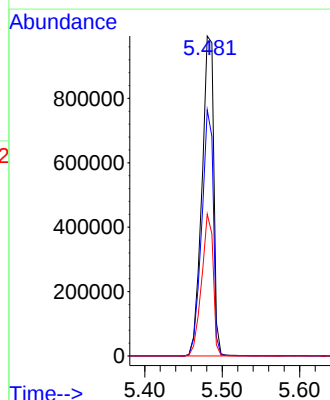
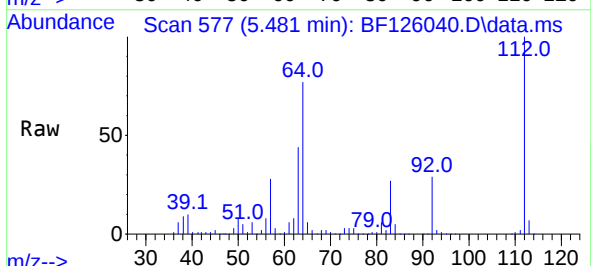
Instrument :
BNA_F
ClientSampleId :
SP-3

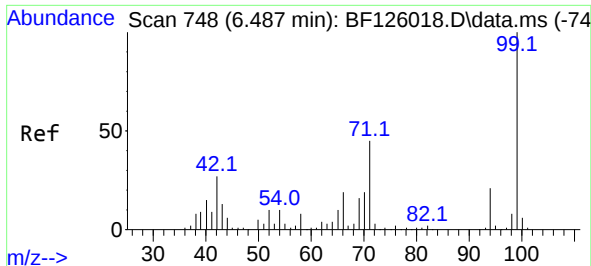
Tgt Ion:152 Resp: 134097
Ion Ratio Lower Upper
152 100
150 151.2 117.6 176.4
115 66.8 47.1 70.7



#5
2-Fluorophenol
Concen: 135.403 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

Tgt Ion:112 Resp: 1057318
Ion Ratio Lower Upper
112 100
64 76.9 44.2 66.2#
63 44.3 26.2 39.2#

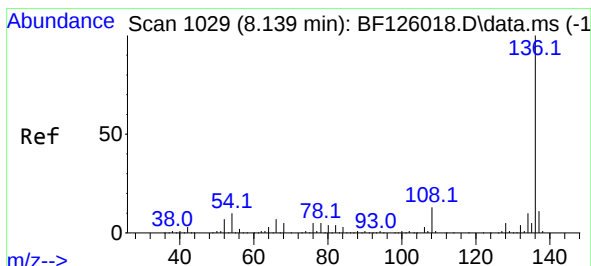
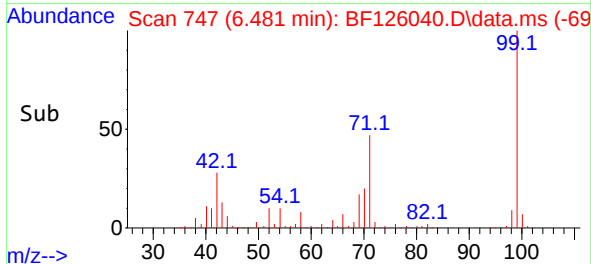
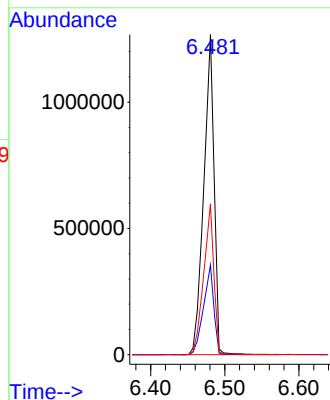
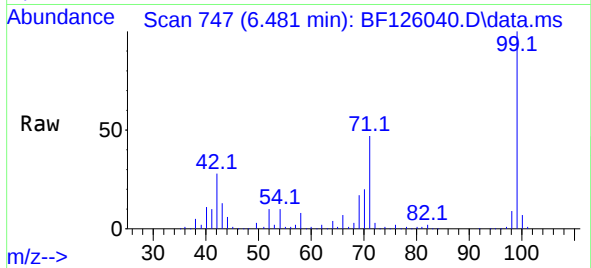




#7
Phenol-d6
Concen: 111.918 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

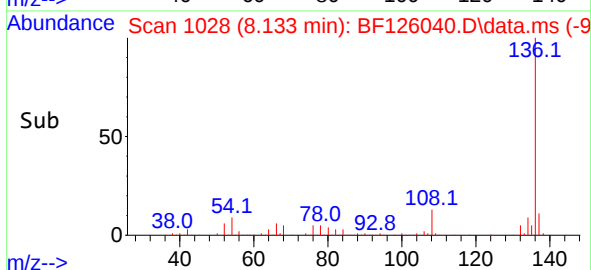
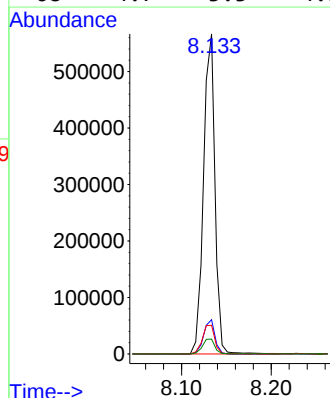
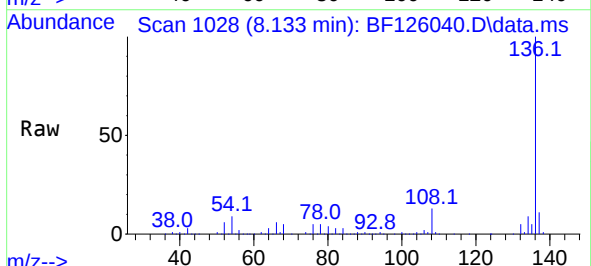
Instrument :
BNA_F
ClientSampleId :
SP-3

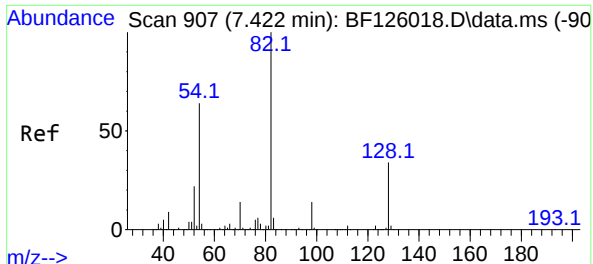
Tgt Ion: 99 Resp: 1231964
Ion Ratio Lower Upper
99 100
42 28.0 23.5 35.3
71 47.2 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

Tgt Ion:136 Resp: 502172
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 9.0 6.4 9.6
68 4.7 3.3 4.9

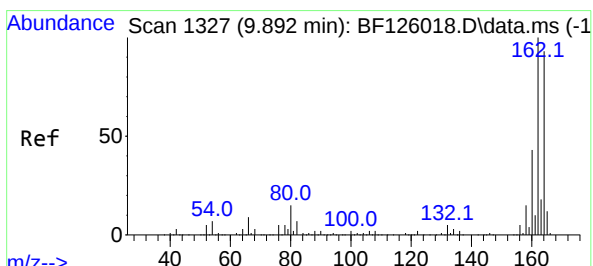
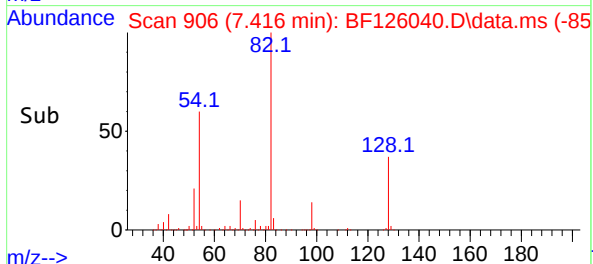
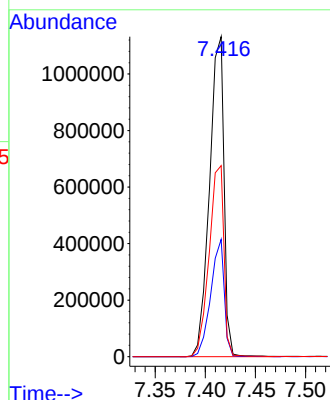
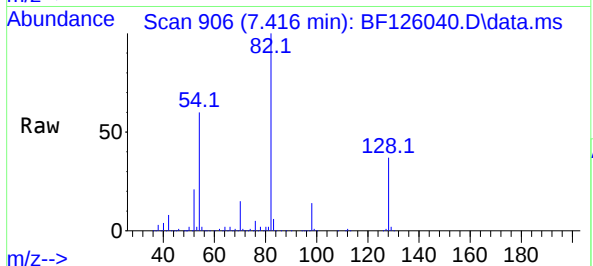




#23
Nitrobenzene-d5
Concen: 107.139 ng
RT: 7.416 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

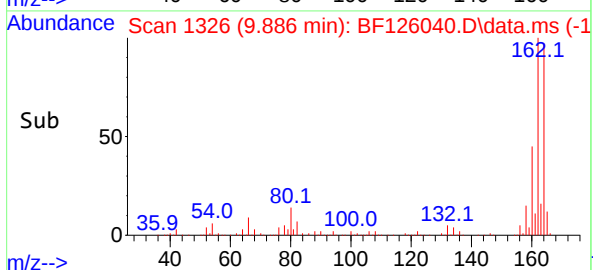
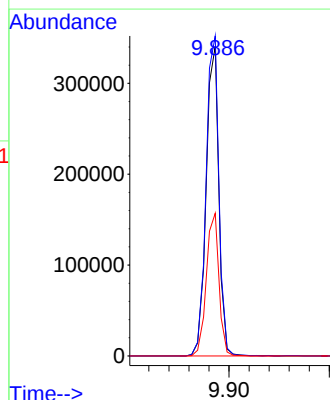
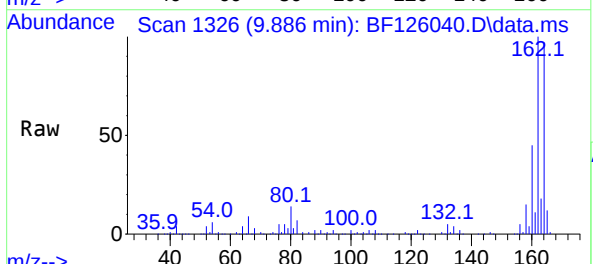
Instrument :
BNA_F
ClientSampleId :
SP-3

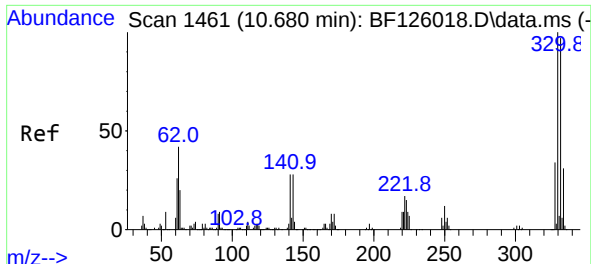
Tgt Ion: 82 Resp: 1140841
Ion Ratio Lower Upper
82 100
128 36.7 40.6 60.8#
54 59.7 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

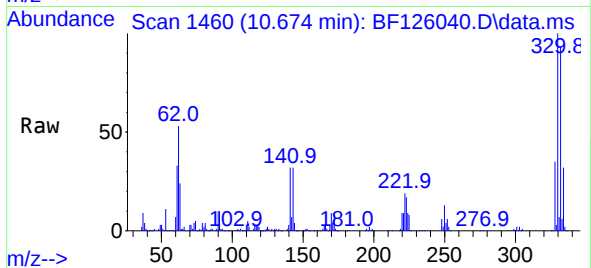
Tgt Ion:164 Resp: 300918
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 46.0 38.0 57.0



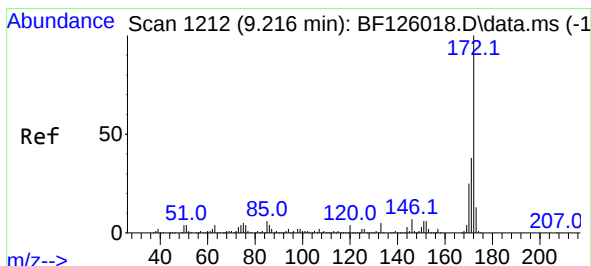
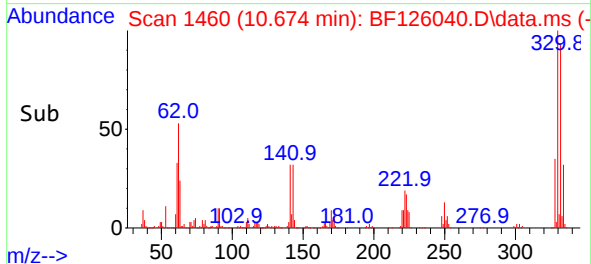
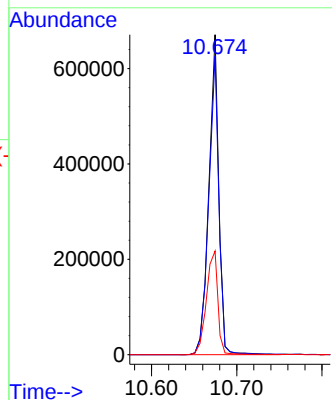


#42
2,4,6-Tribromophenol
Concen: 158.684 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

Instrument :
BNA_F
ClientSampleId :
SP-3

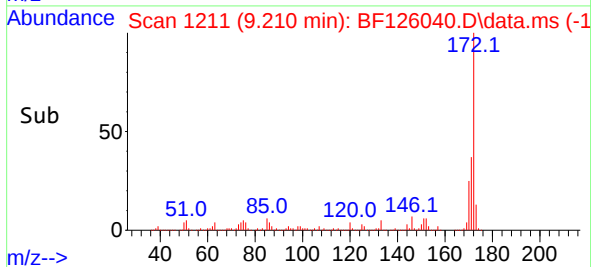
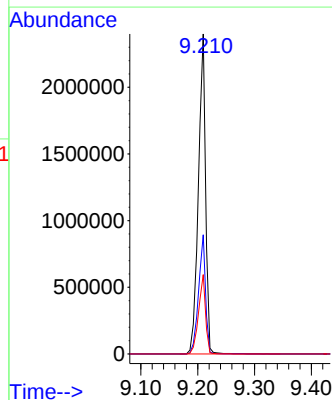
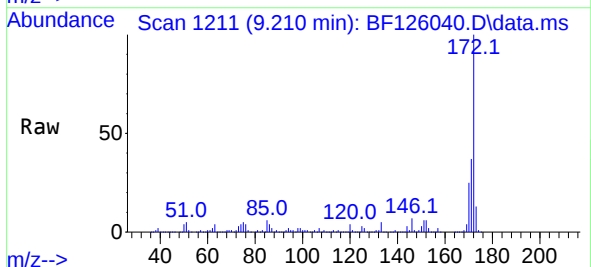


Tgt Ion:330 Resp: 547226
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 37.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 95.834 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

Tgt Ion:172 Resp: 2134017
Ion Ratio Lower Upper
172 100
171 37.2 26.5 39.7
170 24.8 18.8 28.2

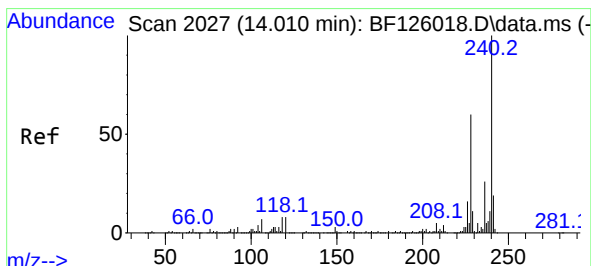
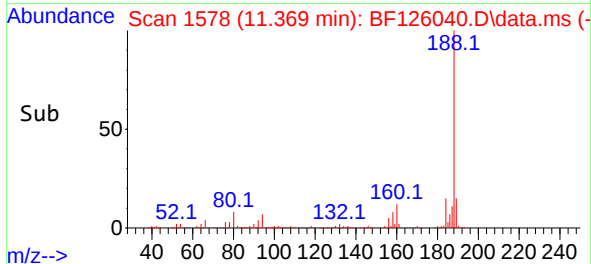
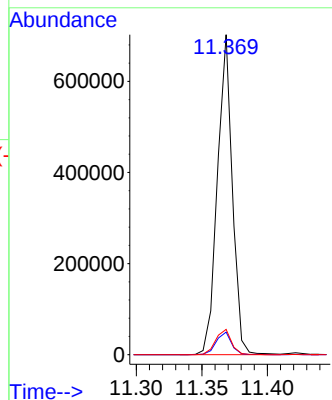
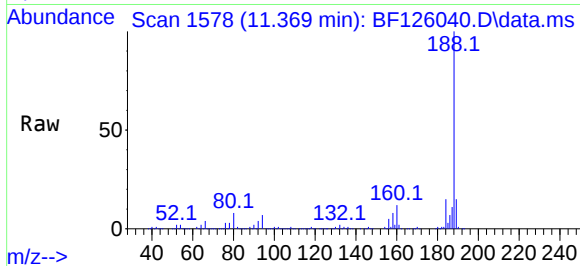




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

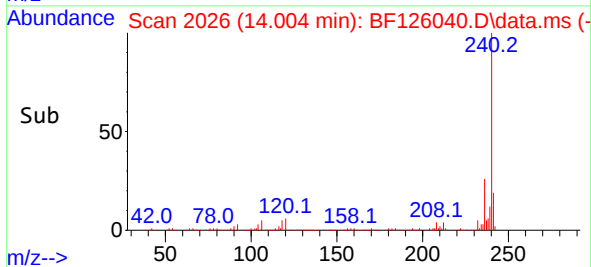
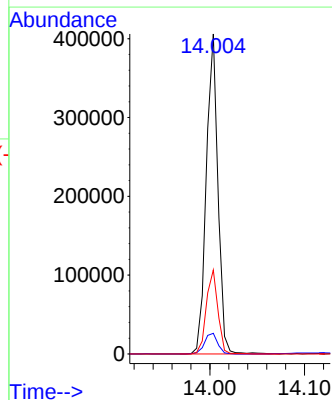
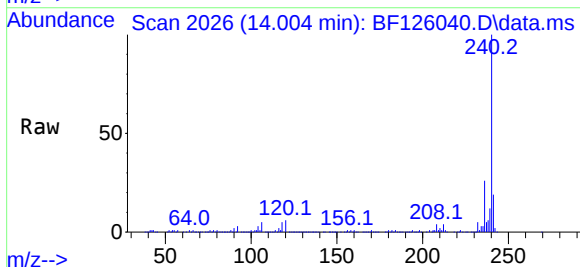
Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion:188 Resp: 555951
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 7.9 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

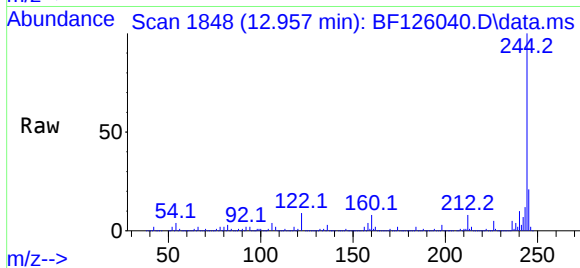
Tgt Ion:240 Resp: 346259
Ion Ratio Lower Upper
240 100
120 6.4 10.8 16.2#
236 26.3 21.6 32.4





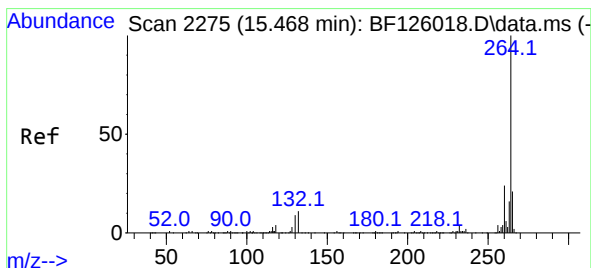
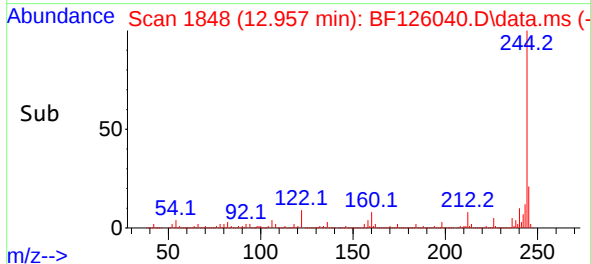
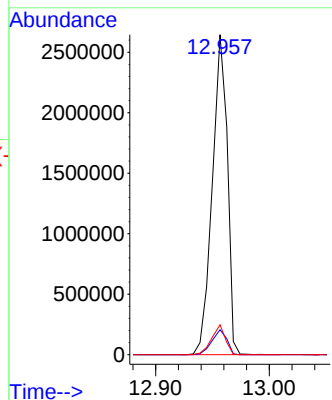
#79
 Terphenyl-d14
 Concen: 113.172 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126040.D
 Acq: 4 Nov 2021 12:12

Instrument :
 BNA_F
 ClientSampleId :
 SP-3



Tgt Ion:244 Resp: 2430123

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	9.4	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF126040.D
 Acq: 4 Nov 2021 12:12

Tgt Ion:264 Resp: 268613

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.6	17.2	25.8

