

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111221\
 Data File : BF126152.D
 Acq On : 12 Nov 2021 12:37
 Operator : JU/CG
 Sample : M4607-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 207

Quant Time: Nov 15 06:35:31 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	6.845	152	124187	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	456761	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	282119	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	548596	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	443108	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	314768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	488964	67.615	ng	0.00
7) Phenol-d6	6.475	99	901381	88.421	ng	-0.01
23) Nitrobenzene-d5	7.404	82	779416	80.474	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	128655	39.793	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1561664	74.804	ng	-0.01
79) Terphenyl-d14	12.957	244	2115531	76.988	ng	0.00

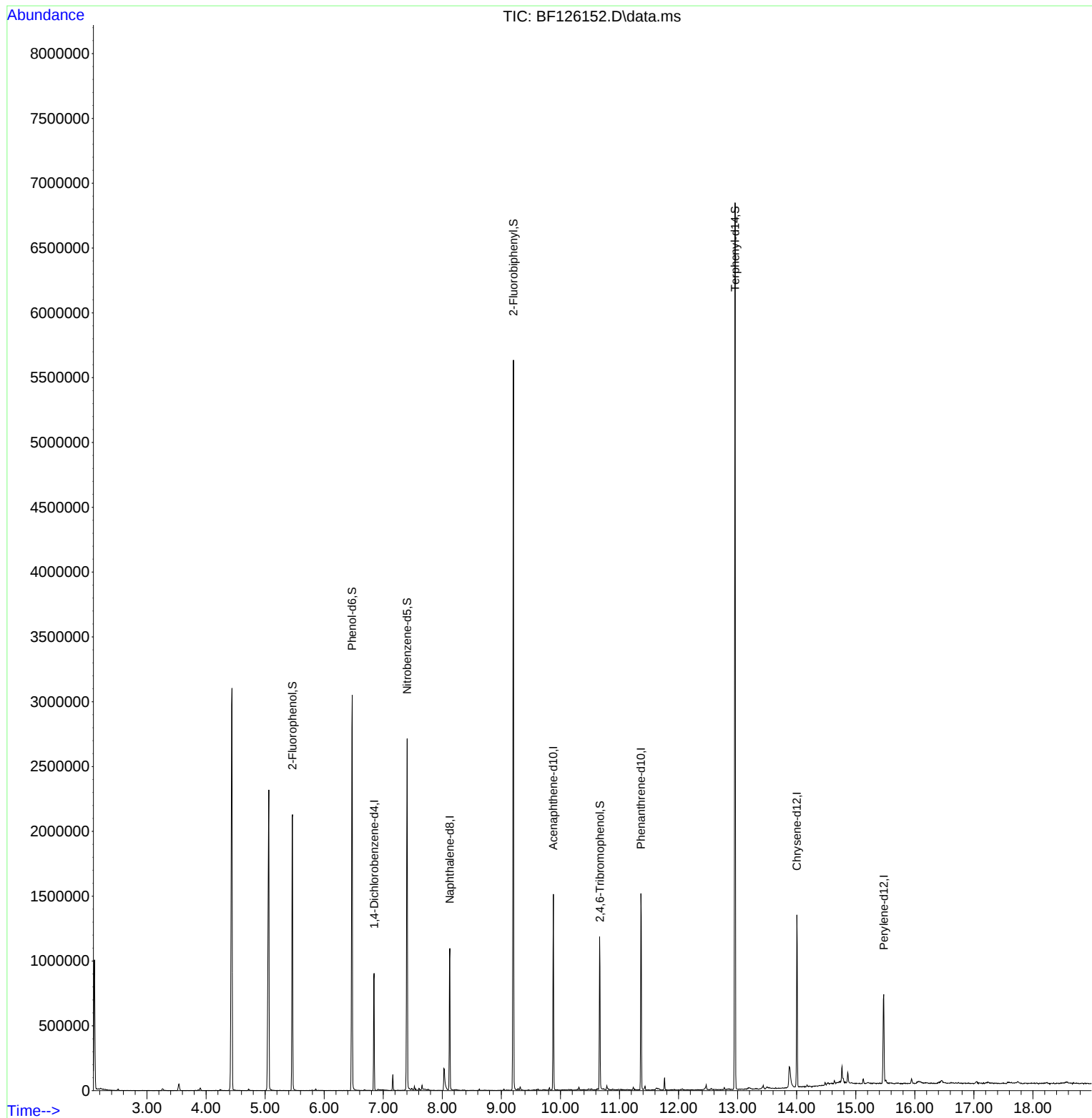
Target Compounds	Qvalue

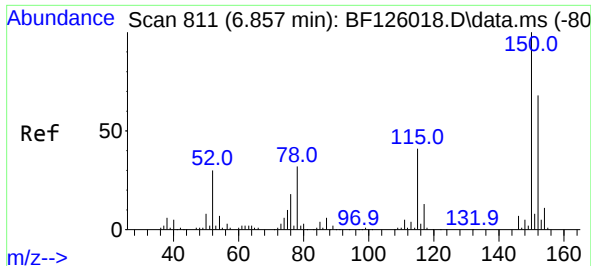
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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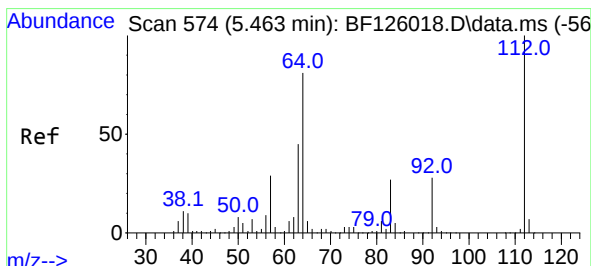
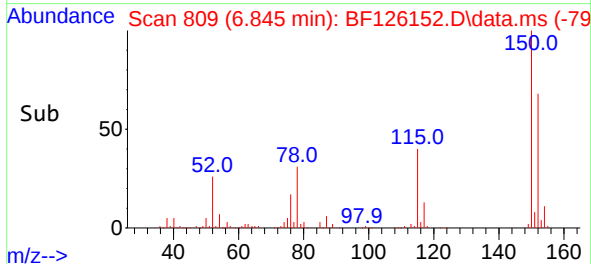
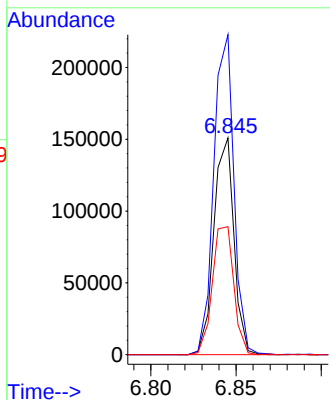
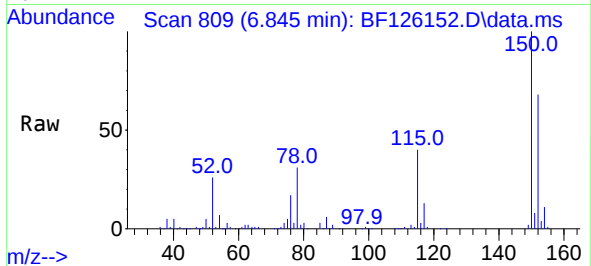




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

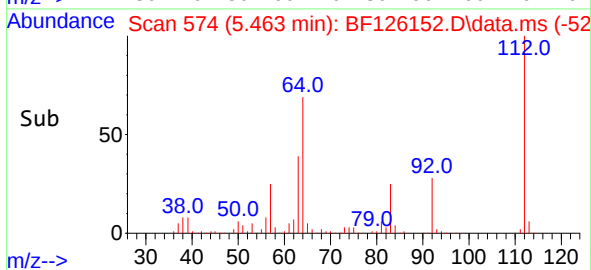
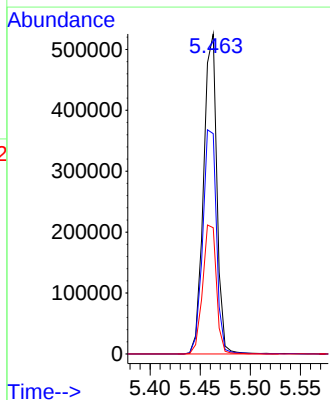
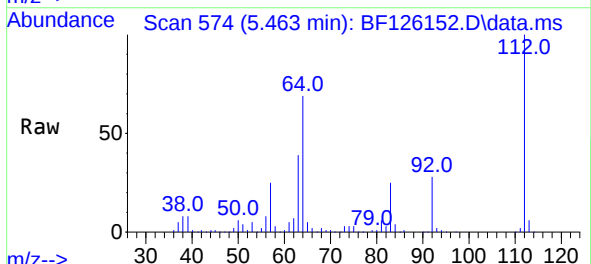
Instrument :
BNA_F
ClientSampleId :
207

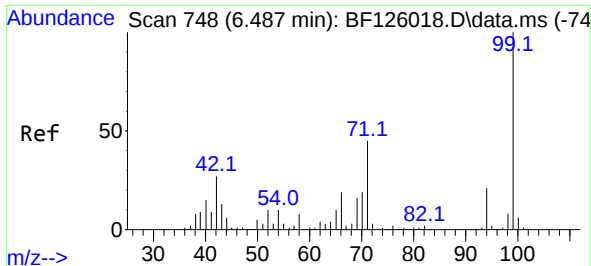
Tgt Ion:152 Resp: 124187
Ion Ratio Lower Upper
152 100
150 147.5 117.6 176.4
115 59.0 47.1 70.7



#5
2-Fluorophenol
Concen: 67.615 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

Tgt Ion:112 Resp: 488964
Ion Ratio Lower Upper
112 100
64 68.8 44.2 66.2#
63 39.5 26.2 39.2#

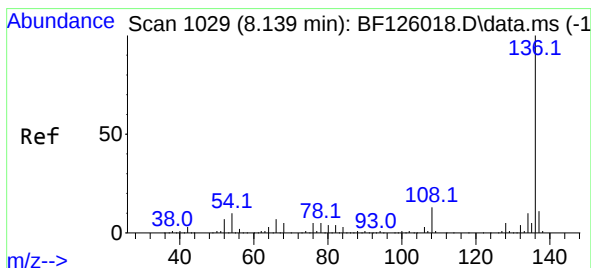
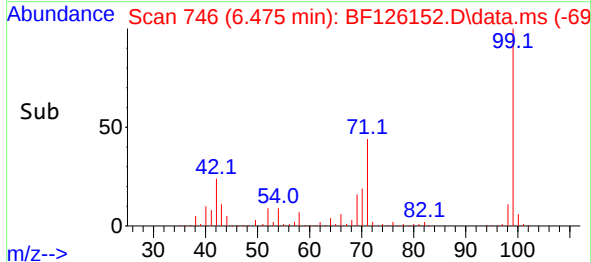
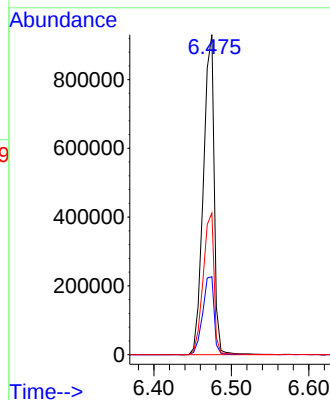
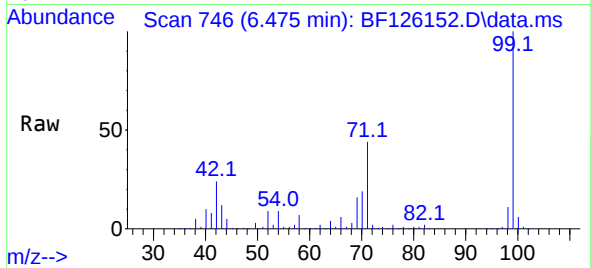




#7
Phenol-d6
Concen: 88.421 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

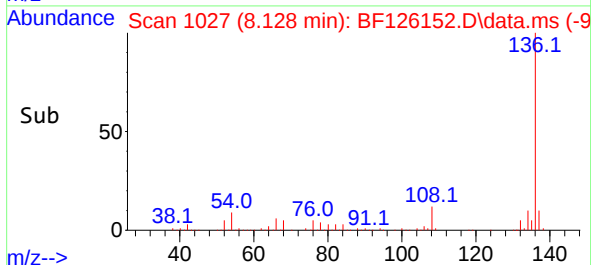
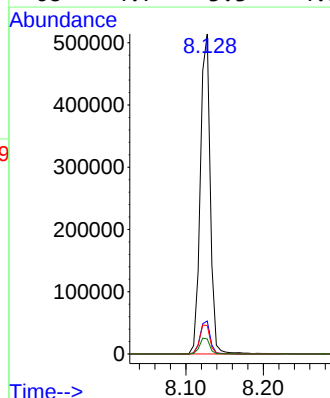
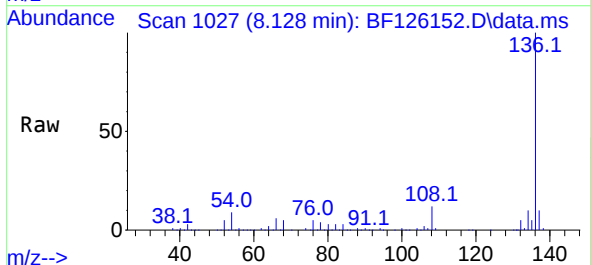
Instrument :
BNA_F
ClientSampleId :
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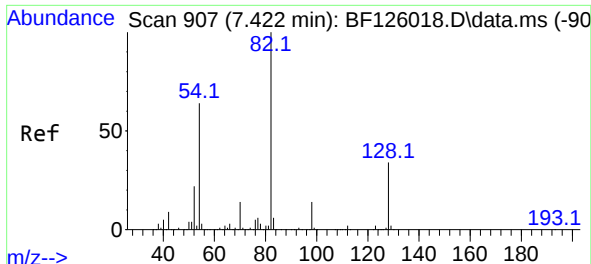
Tgt Ion: 99 Resp: 901381
Ion Ratio Lower Upper
99 100
42 24.3 23.5 35.3
71 44.2 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.011 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

Tgt Ion: 136 Resp: 456761
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 8.9 6.4 9.6
68 4.7 3.3 4.9

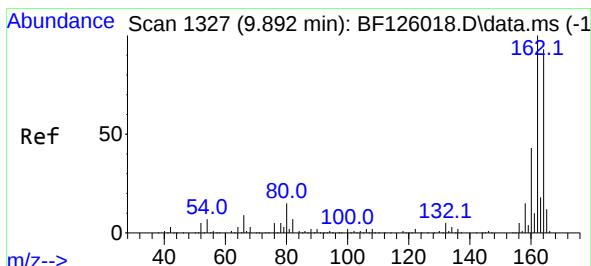
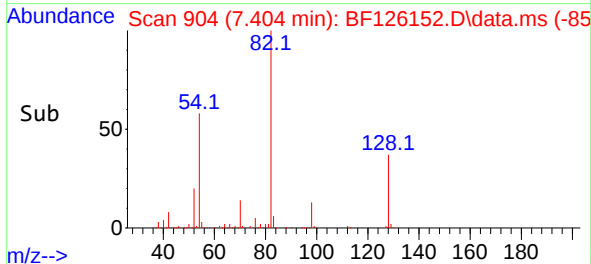
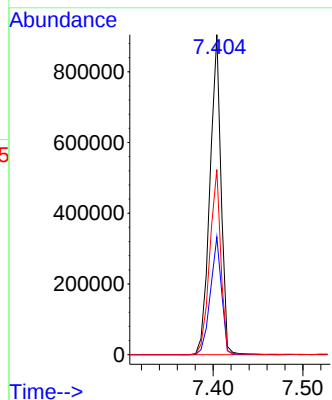
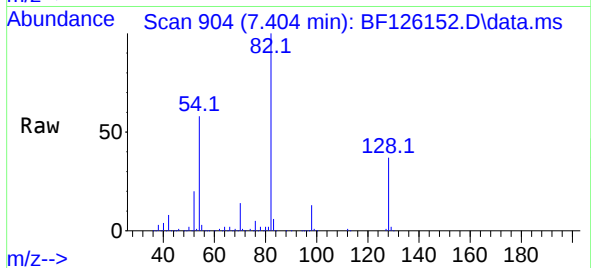




#23
Nitrobenzene-d5
Concen: 80.474 ng
RT: 7.404 min Scan# 907
Delta R.T. -0.018 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

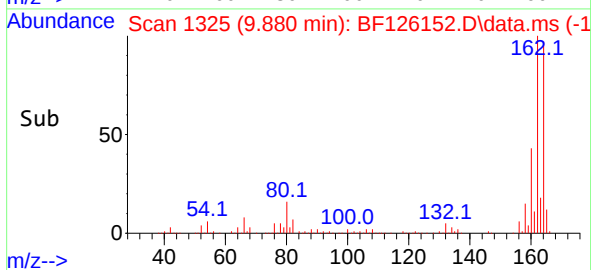
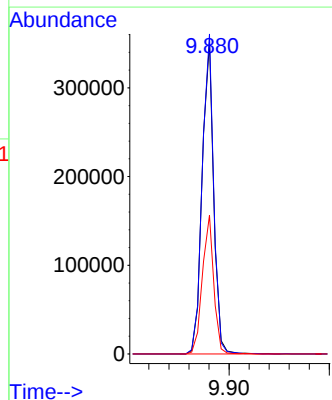
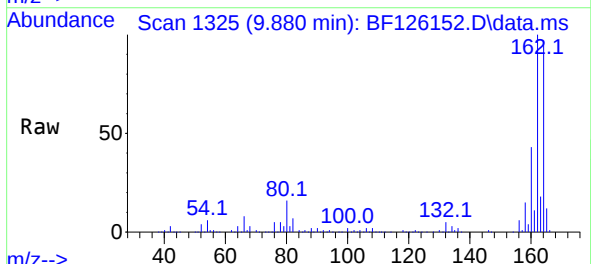
Instrument :
BNA_F
ClientSampleId :
207

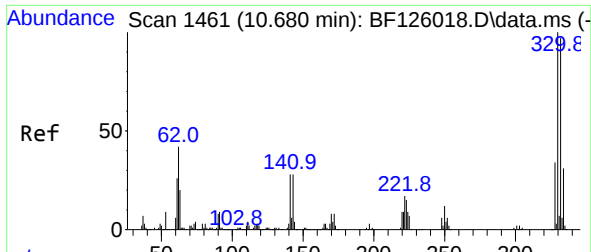
Tgt Ion: 82 Resp: 779416
Ion Ratio Lower Upper
82 100
128 36.8 40.6 60.8#
54 57.8 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

Tgt Ion: 164 Resp: 282119
Ion Ratio Lower Upper
164 100
162 102.7 81.3 121.9
160 44.5 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 39.793 ng

RT: 10.669 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF126152.D

Acq: 12 Nov 2021 12:37

Instrument :

BNA_F

ClientSampleId :

207

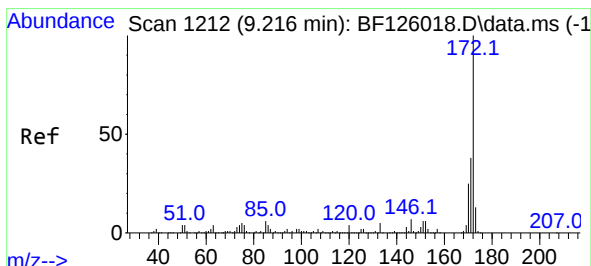
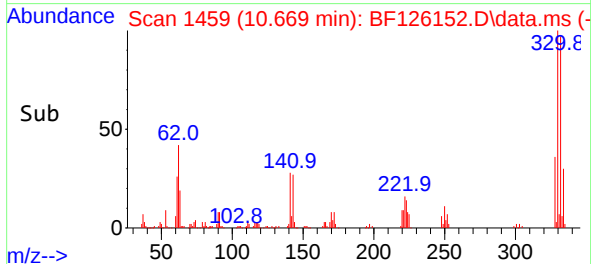
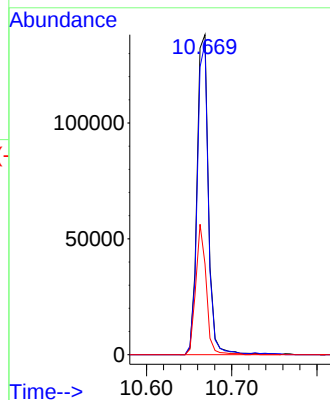
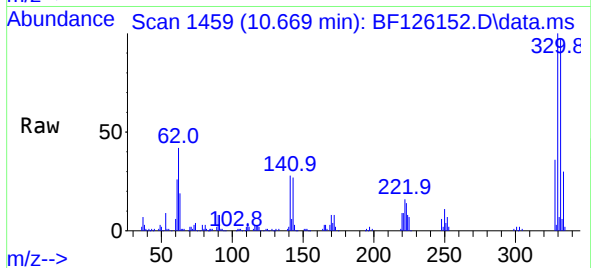
Tgt Ion:330 Resp: 128655

Ion Ratio Lower Upper

330 100

332 94.8 76.2 114.4

141 37.1 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 74.804 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.012 min

Lab File: BF126152.D

Acq: 12 Nov 2021 12:37

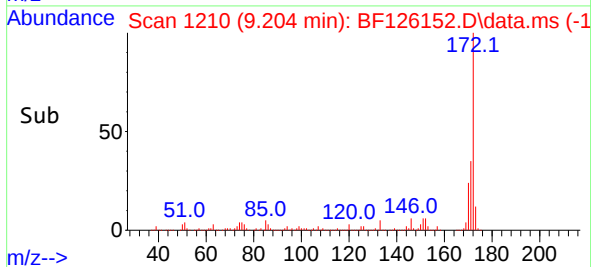
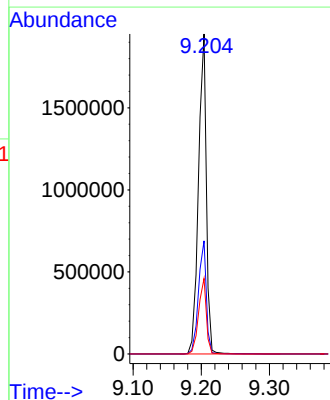
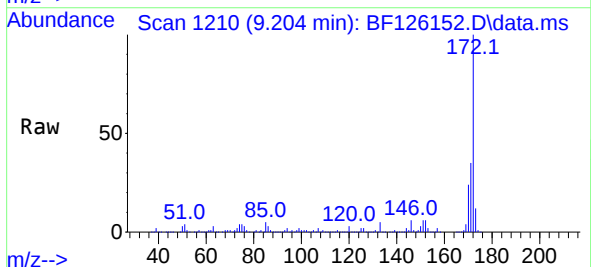
Tgt Ion:172 Resp: 1561664

Ion Ratio Lower Upper

172 100

171 35.3 26.5 39.7

170 23.6 18.8 28.2

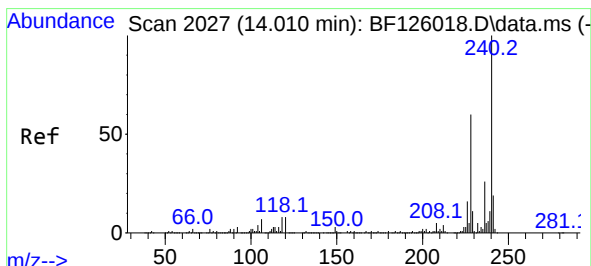
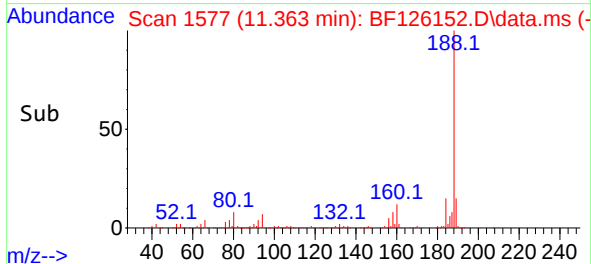
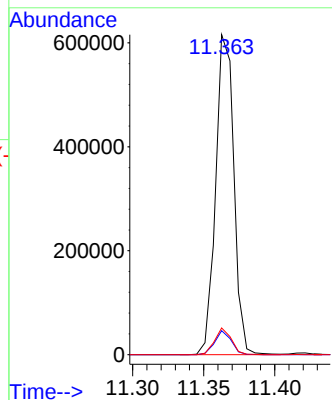
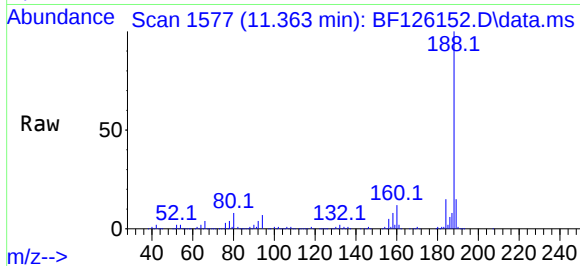




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126152.D
Acq: 12 Nov 2021 12:37

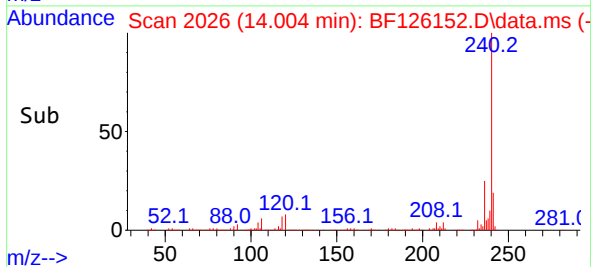
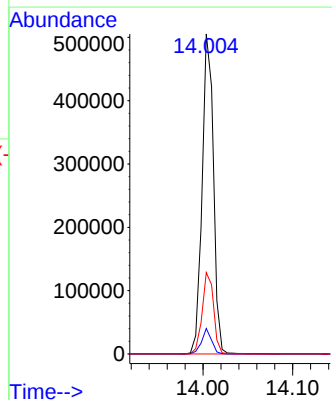
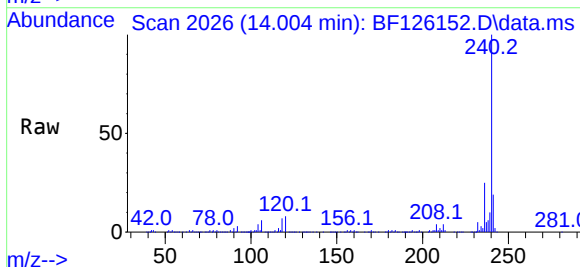
Instrument :
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207

Tgt Ion:188 Resp: 548596
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 8.4 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: BF126152.D
Acq: 12 Nov 2021 12:37

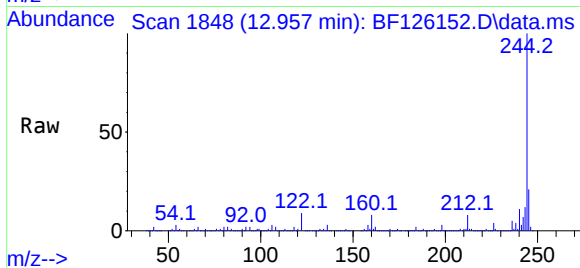
Tgt Ion:240 Resp: 443108
Ion Ratio Lower Upper
240 100
120 7.9 10.8 16.2#
236 25.4 21.6 32.4



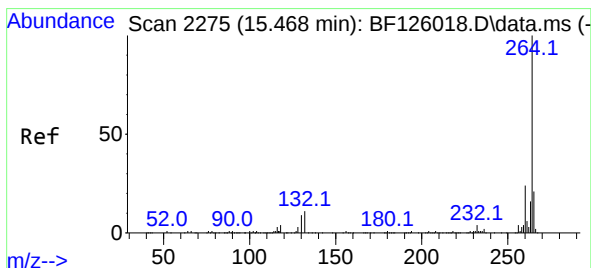
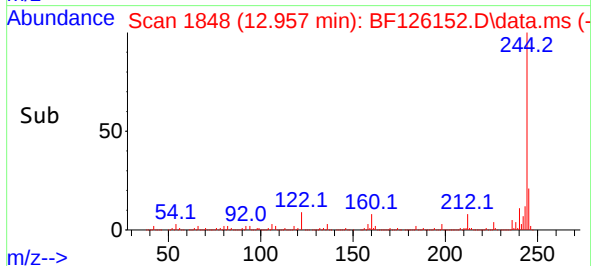
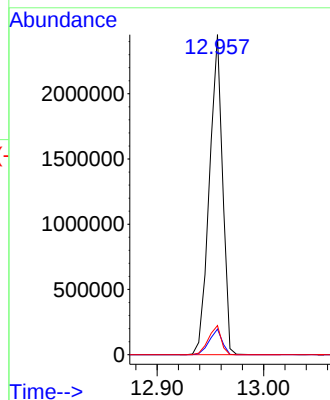


#79
 Terphenyl-d14
 Concen: 76.988 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126152.D
 Acq: 12 Nov 2021 12:37

Instrument :
 BNA_F
 ClientSampleId :
 207



Tgt Ion:244 Resp: 2115531
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.9 8.9
 122 9.1 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.006 min
 Lab File: BF126152.D
 Acq: 12 Nov 2021 12:37

Tgt Ion:264 Resp: 314768
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.6 29.4
 265 22.2 17.2 25.8

