

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126221.D
 Acq On : 16 Dec 2021 20:18
 Operator : JU/CG
 Sample : M5022-49RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP14RE

Quant Time: Dec 17 01:47:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	201526	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	875685	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	405044	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	597959	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	405732	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	327514	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1512045	110.493	ng	0.00
7) Phenol-d6	6.439	99	1875415	107.932	ng	0.00
23) Nitrobenzene-d5	7.375	82	1213386	75.045	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	342519	105.225	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1646538	71.297	ng	0.00
79) Terphenyl-d14	12.921	244	1326788	56.838	ng	0.00

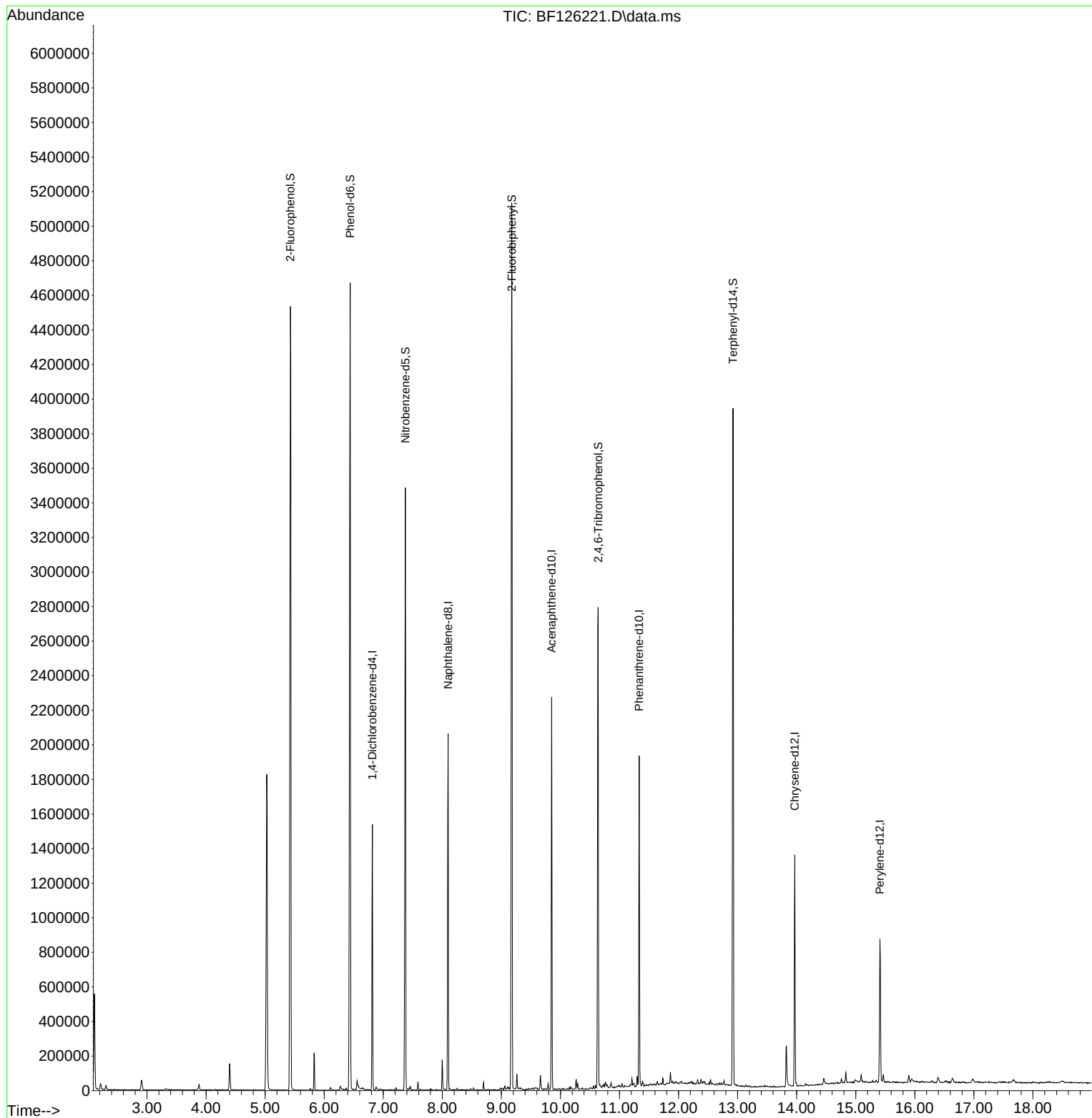
Target Compounds	Qvalue

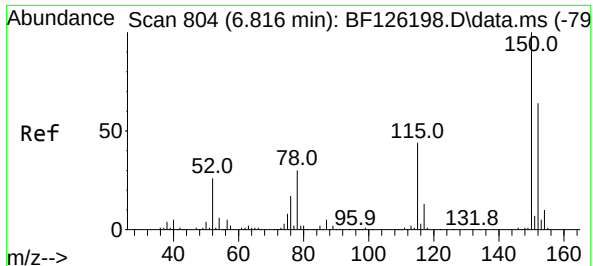
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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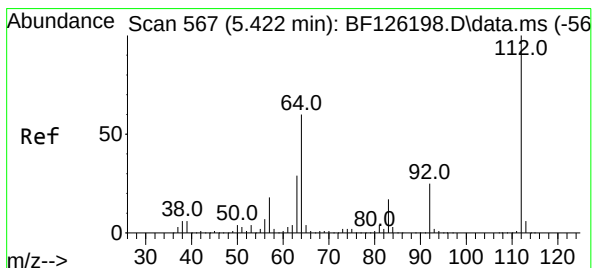
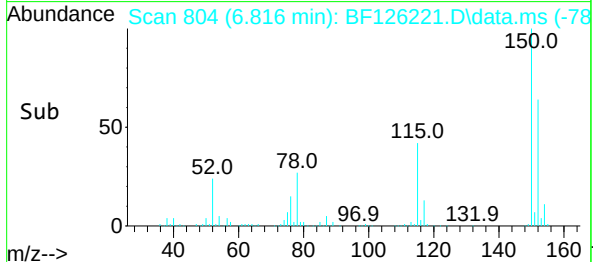
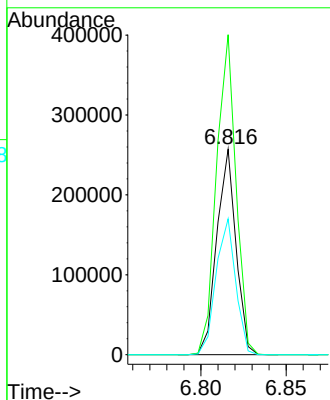
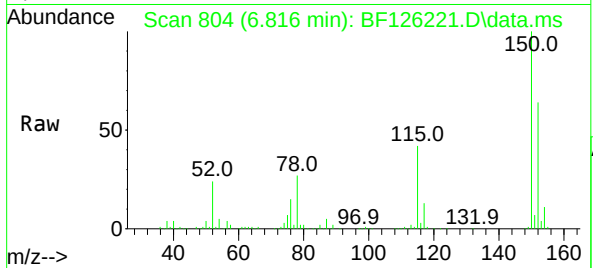




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF126221.D
 Acq: 16 Dec 2021 20:18

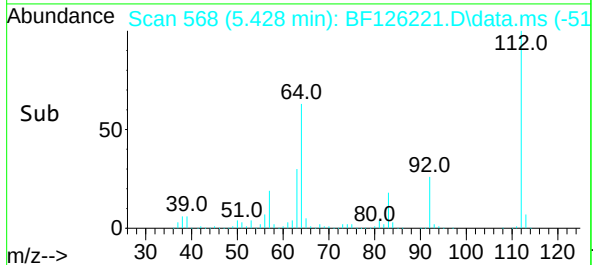
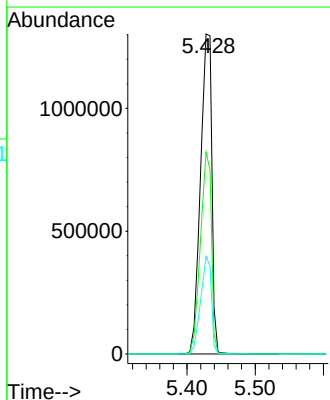
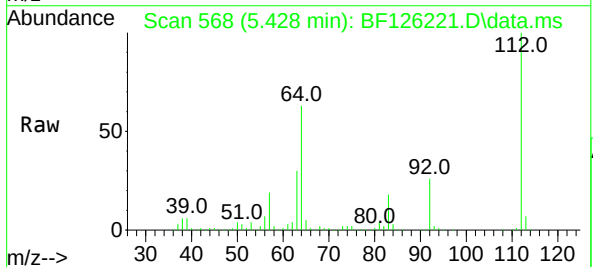
Instrument :
 BNA_F
 ClientSampleId :
 TP14RE

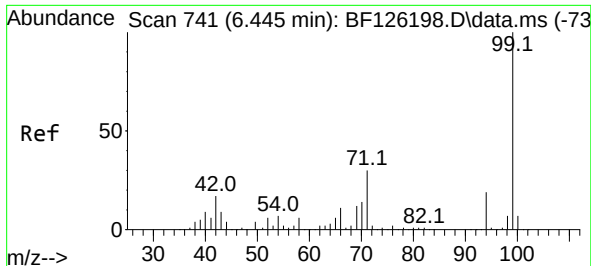
Tgt Ion:152 Resp: 201526
 Ion Ratio Lower Upper
 152 100
 150 155.7 117.6 176.4
 115 66.1 47.1 70.7



#5
 2-Fluorophenol
 Concen: 110.493 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF126221.D
 Acq: 16 Dec 2021 20:18

Tgt Ion:112 Resp: 1512045
 Ion Ratio Lower Upper
 112 100
 64 63.0 44.2 66.2
 63 30.5 26.2 39.2

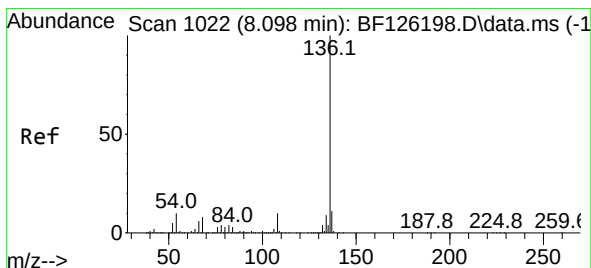
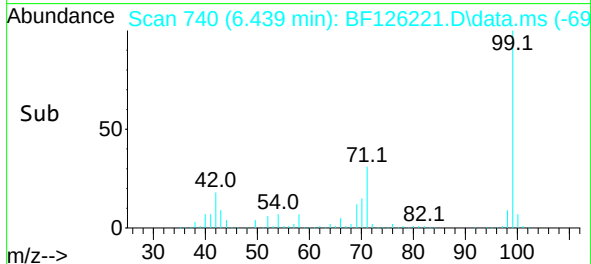
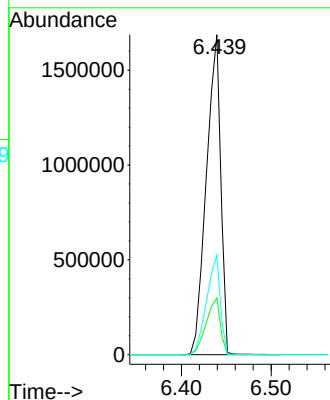
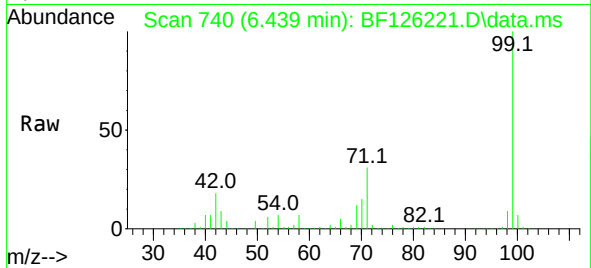




#7
Phenol-d6
Concen: 107.932 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126221.D
Acq: 16 Dec 2021 20:18

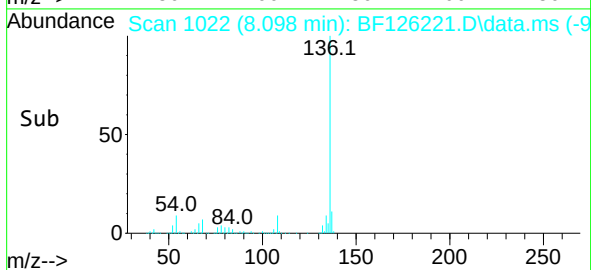
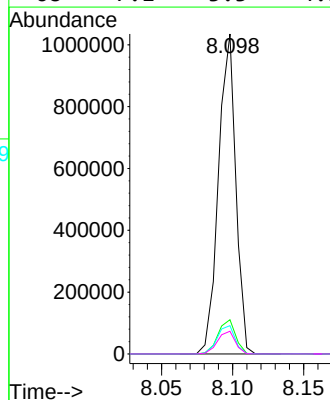
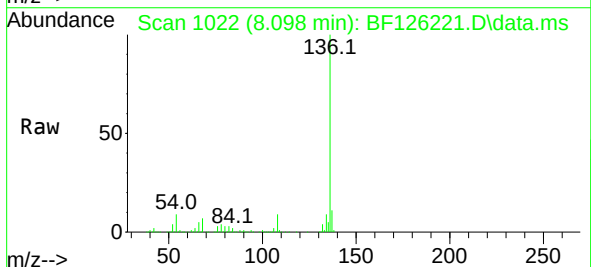
Instrument :
BNA_F
ClientSampleId :
TP14RE

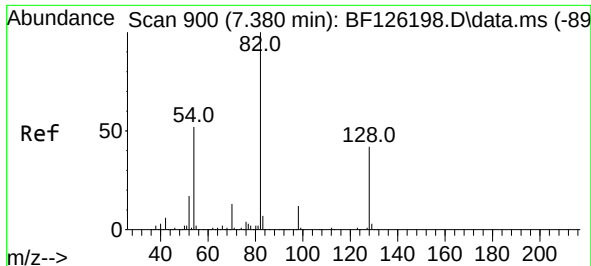
Tgt Ion: 99 Resp: 1875415
Ion Ratio Lower Upper
99 100
42 17.7 23.5 35.3#
71 31.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126221.D
Acq: 16 Dec 2021 20:18

Tgt Ion: 136 Resp: 875685
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 8.8 6.4 9.6
68 7.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 75.045 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126221.D

Acq: 16 Dec 2021 20:18

Instrument :

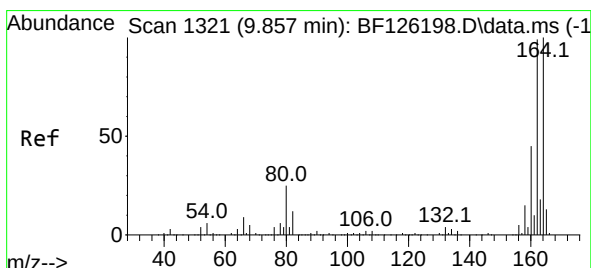
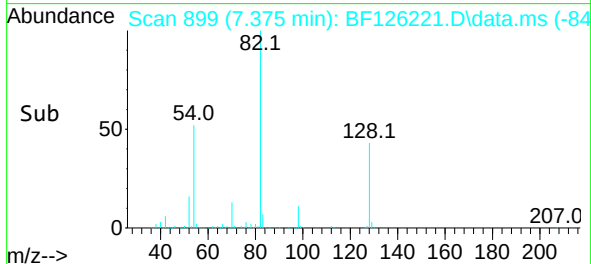
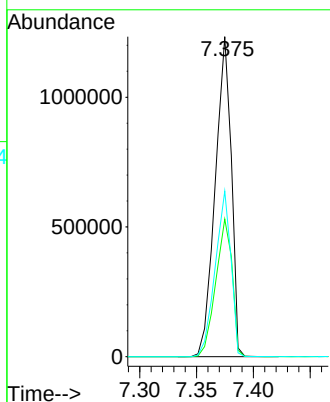
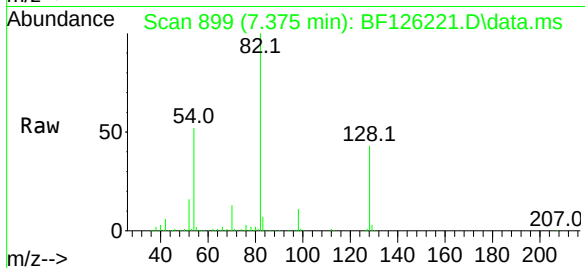
BNA_F

ClientSampleId :

TP14RE

Tgt Ion: 82 Resp: 1213386

Ion	Ratio	Lower	Upper
82	100		
128	43.0	40.6	60.8
54	51.7	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

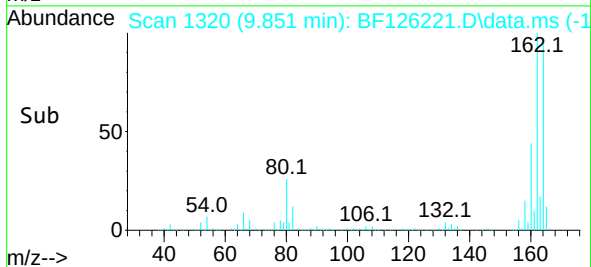
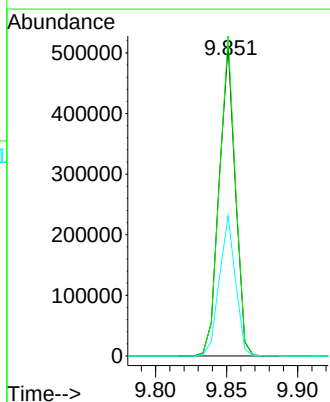
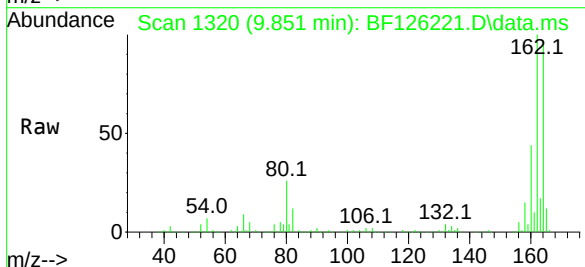
Delta R.T. -0.006 min

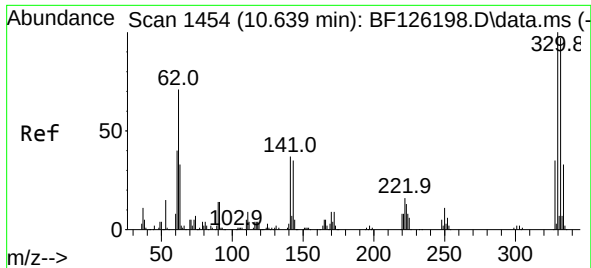
Lab File: BF126221.D

Acq: 16 Dec 2021 20:18

Tgt Ion: 164 Resp: 405044

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.3	121.9
160	45.1	38.0	57.0

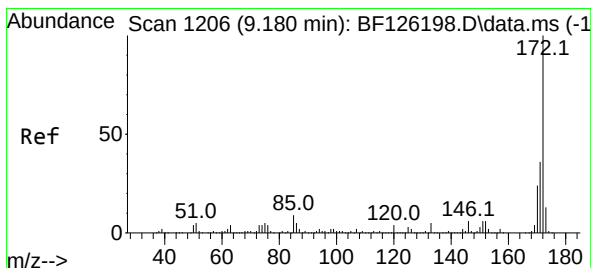
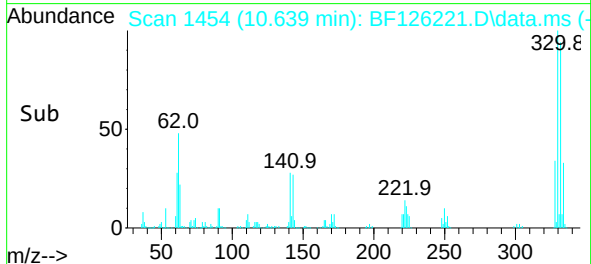
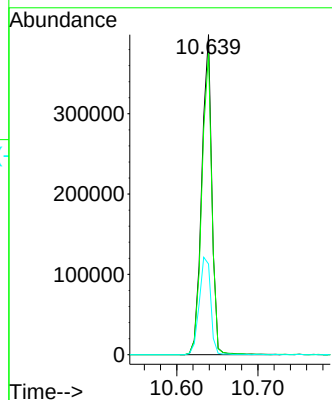
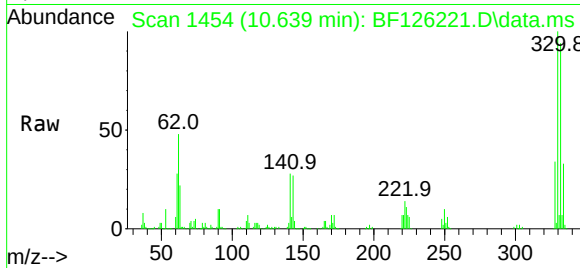




#42
2,4,6-Tribromophenol
Concen: 105.225 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126221.D
Acq: 16 Dec 2021 20:18

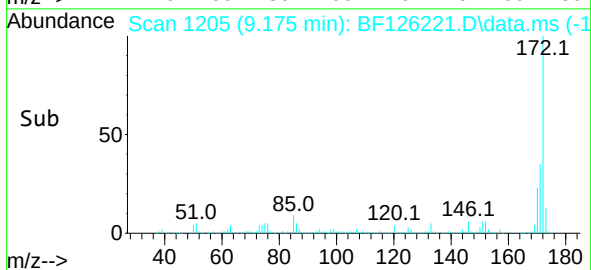
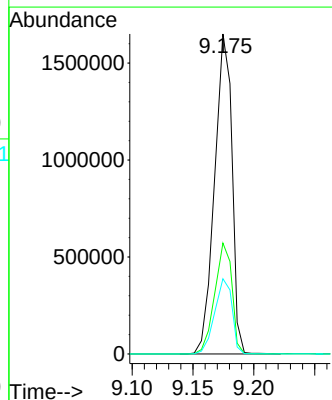
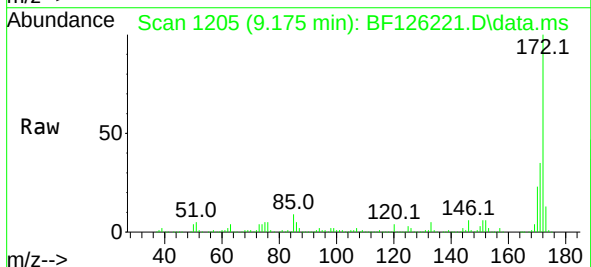
Instrument :
BNA_F
ClientSampleId :
TP14RE

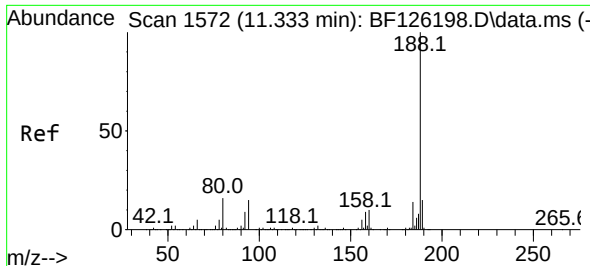
Tgt Ion:330 Resp: 342519
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 34.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 71.297 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126221.D
Acq: 16 Dec 2021 20:18

Tgt Ion:172 Resp: 1646538
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.5 18.8 28.2

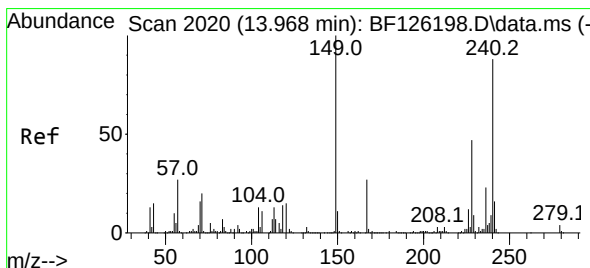
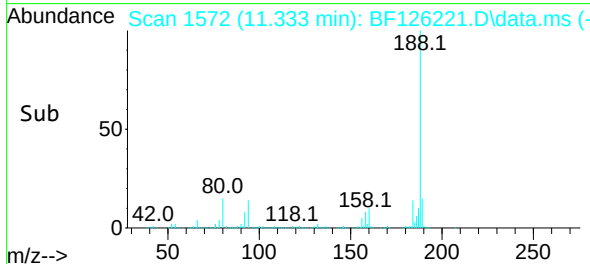
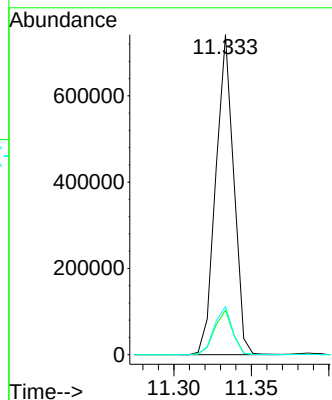
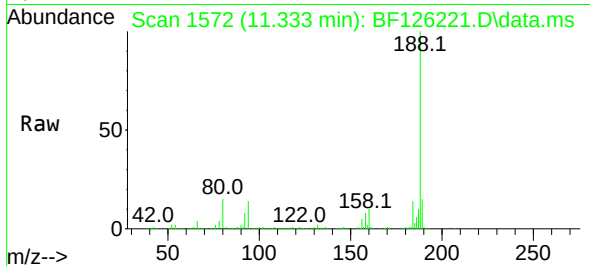




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126221.D
Acq: 16 Dec 2021 20:18

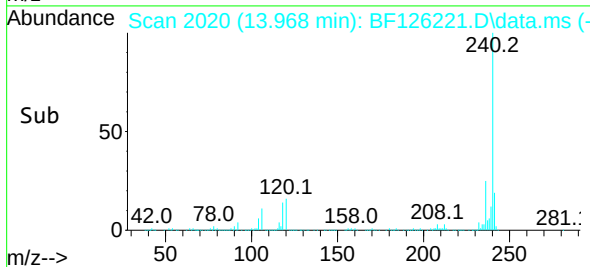
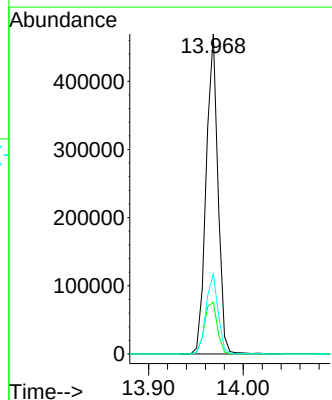
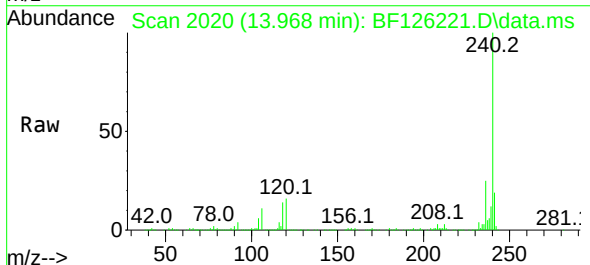
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BNA_F
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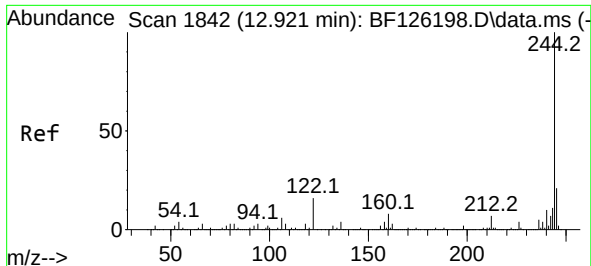
Tgt Ion:188 Resp: 597959
Ion Ratio Lower Upper
188 100
94 13.9 6.7 10.1#
80 15.1 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF126221.D
Acq: 16 Dec 2021 20:18

Tgt Ion:240 Resp: 405732
Ion Ratio Lower Upper
240 100
120 16.2 10.8 16.2#
236 25.0 21.6 32.4

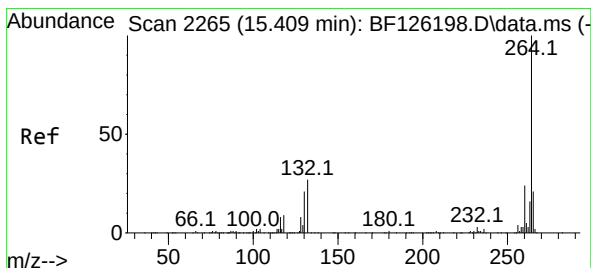
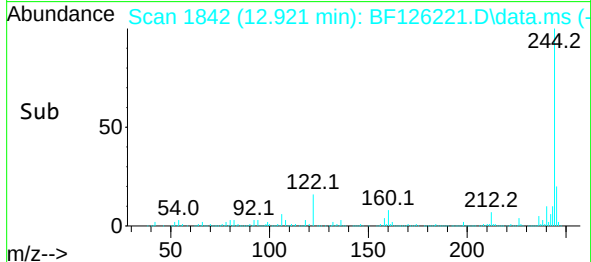
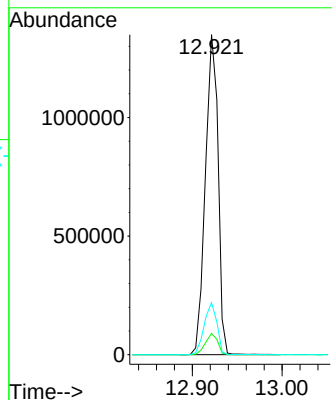
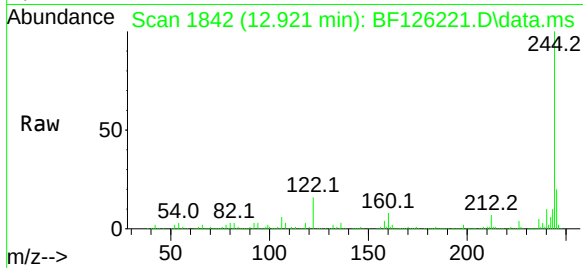




#79
 Terphenyl-d14
 Concen: 56.838 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF126221.D
 Acq: 16 Dec 2021 20:18

Instrument :
 BNA_F
 ClientSampleId :
 TP14RE

Tgt Ion:244 Resp: 1326788
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 16.2 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF126221.D
 Acq: 16 Dec 2021 20:18

Tgt Ion:264 Resp: 327514
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 22.2 17.2 25.8

