

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126210.D
 Acq On : 16 Dec 2021 14:14
 Operator : JU/CG
 Sample : M5022-29
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP12

Quant Time: Dec 16 15:13:39 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	193717	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	837561	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	408390	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	672408	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	345392	20.000	ng	0.00
86) Perylene-d12	15.409	264	382558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1262411	95.969	ng	0.00
7) Phenol-d6	6.434	99	1564766	93.684	ng	-0.01
23) Nitrobenzene-d5	7.375	82	993161	64.221	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	312661	95.265	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1388264	59.621	ng	0.00
79) Terphenyl-d14	12.921	244	1191175	59.944	ng	0.00

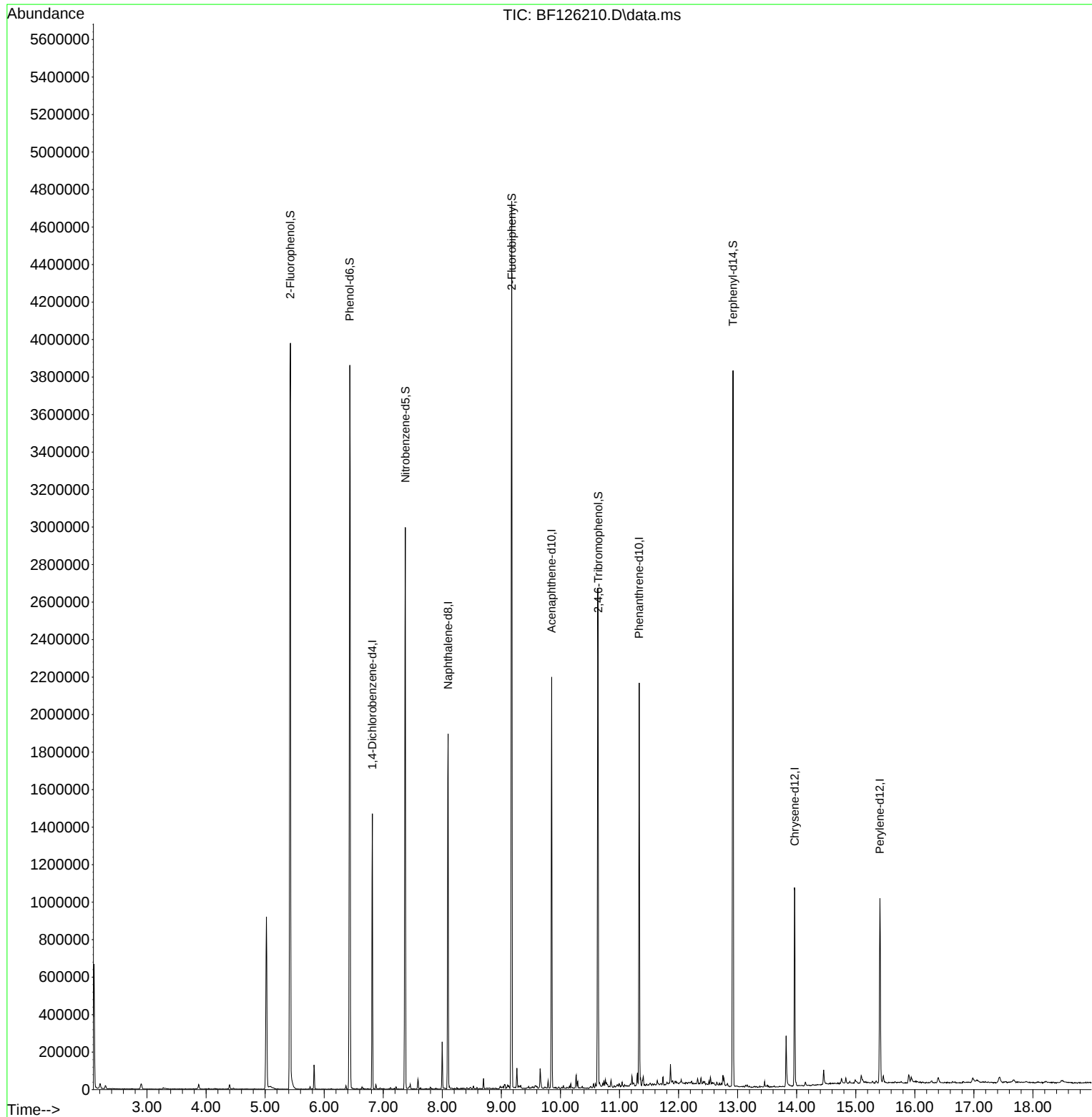
Target Compounds	Qvalue

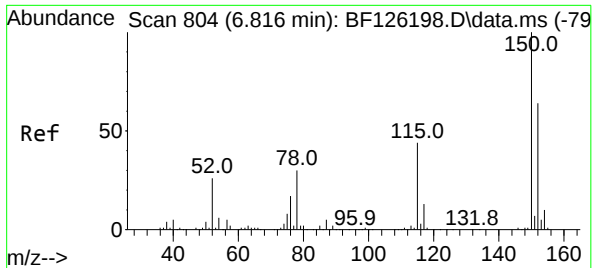
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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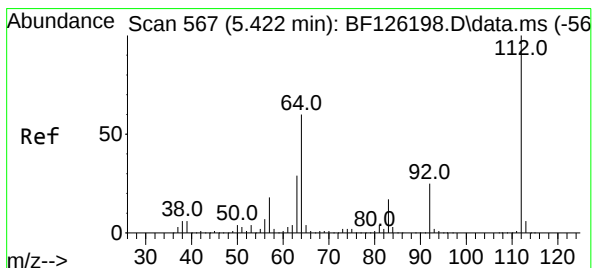
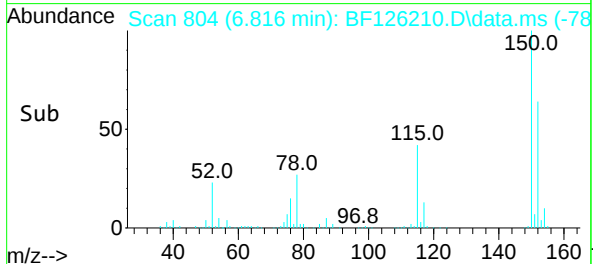
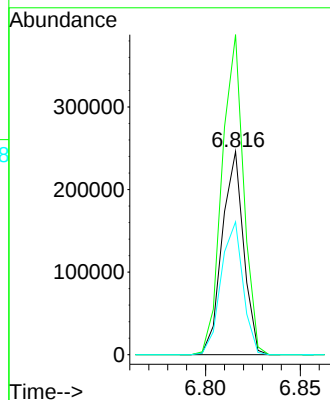
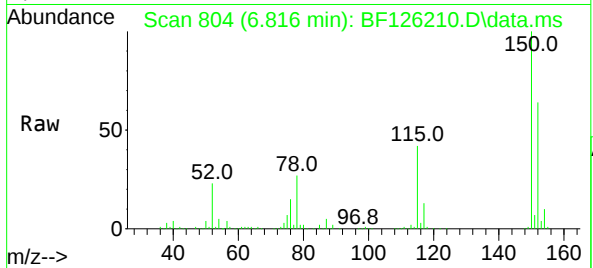




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

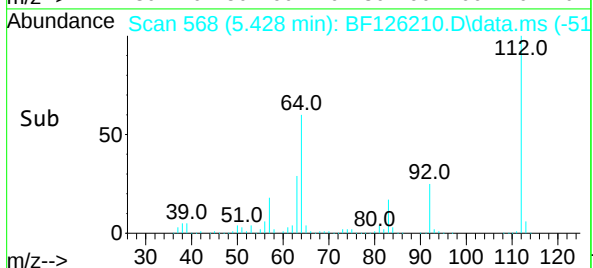
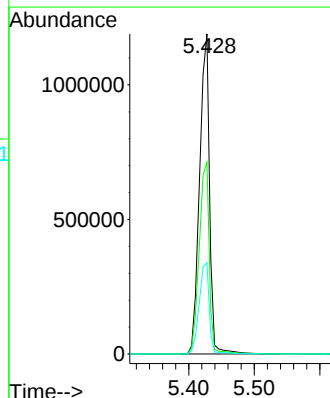
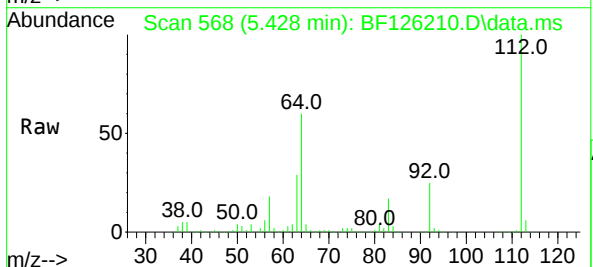
Instrument :
BNA_F
ClientSampleId :
TP12

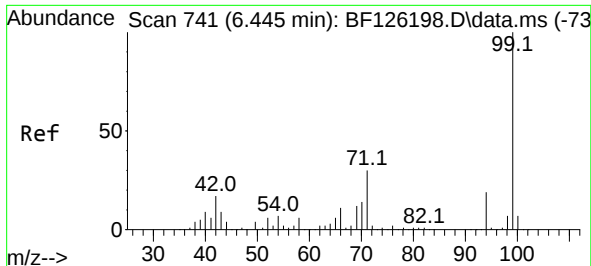
Tgt Ion:152 Resp: 193717
Ion Ratio Lower Upper
152 100
150 157.4 117.6 176.4
115 65.3 47.1 70.7



#5
2-Fluorophenol
Concen: 95.969 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

Tgt Ion:112 Resp: 1262411
Ion Ratio Lower Upper
112 100
64 59.9 44.2 66.2
63 28.6 26.2 39.2

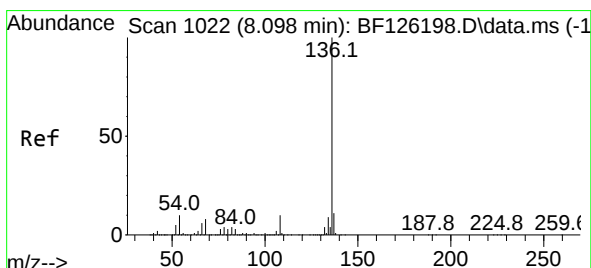
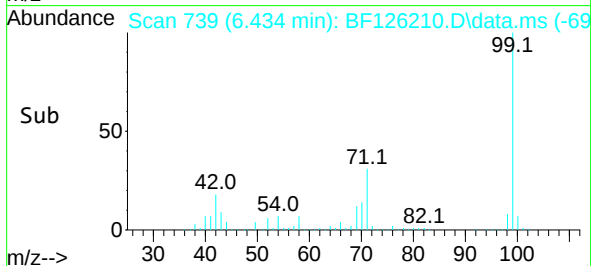
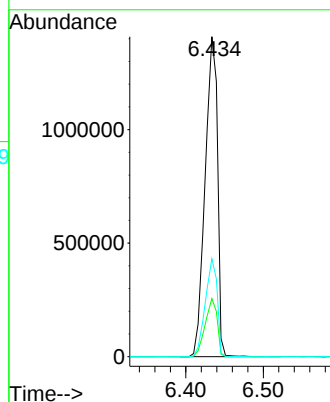
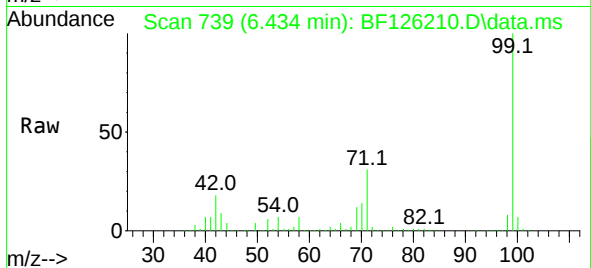




#7
Phenol-d6
Concen: 93.684 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

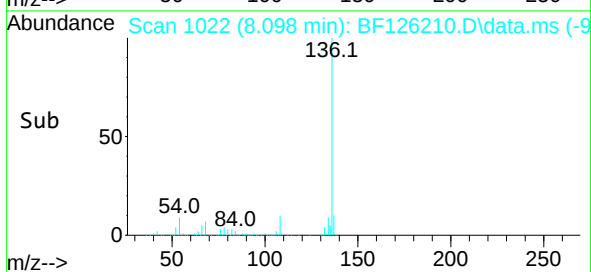
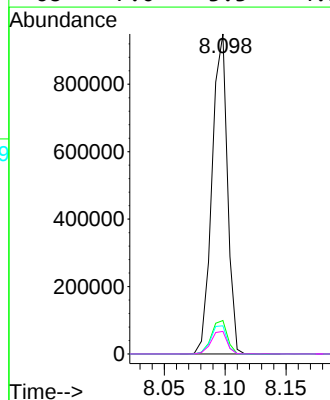
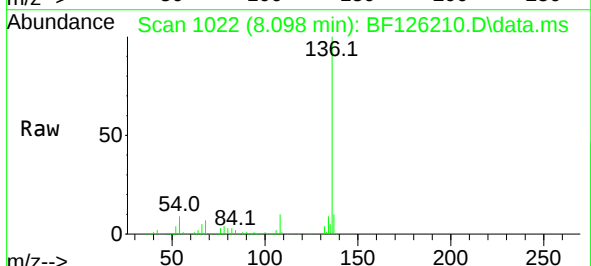
Instrument :
BNA_F
ClientSampleId :
TP12

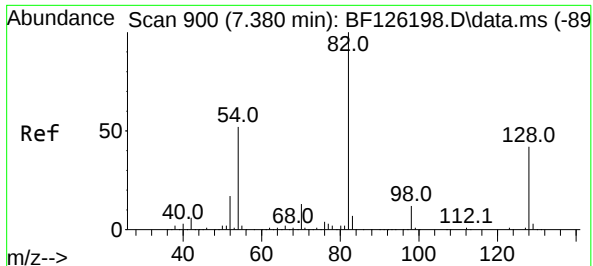
Tgt Ion: 99 Resp: 1564766
Ion Ratio Lower Upper
99 100
42 18.2 23.5 35.3#
71 30.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

Tgt Ion: 136 Resp: 837561
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 8.8 6.4 9.6
68 7.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 64.221 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126210.D

Acq: 16 Dec 2021 14:14

Instrument :

BNA_F

ClientSampleId :

TP12

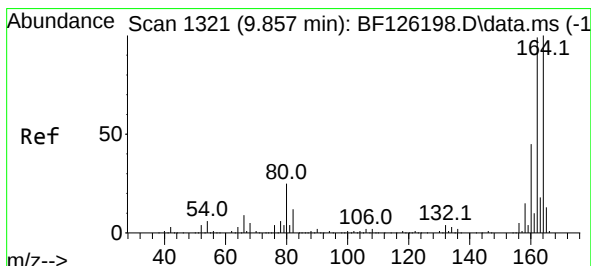
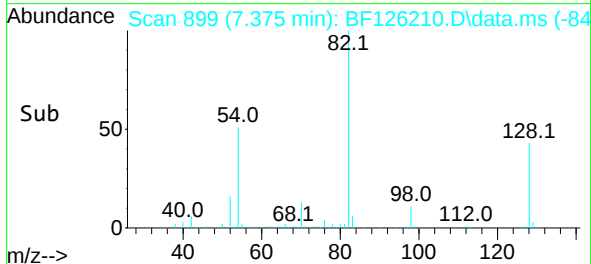
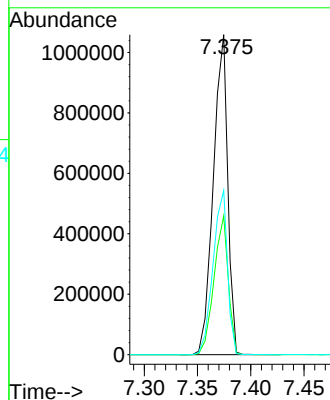
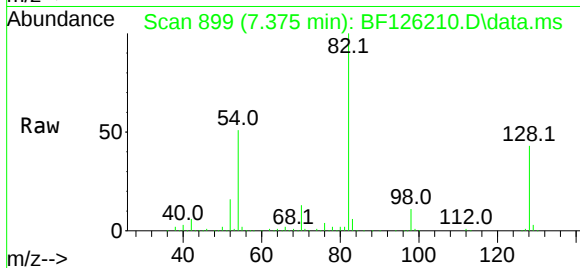
Tgt Ion: 82 Resp: 993161

Ion Ratio Lower Upper

82 100

128 43.4 40.6 60.8

54 51.3 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: BF126210.D

Acq: 16 Dec 2021 14:14

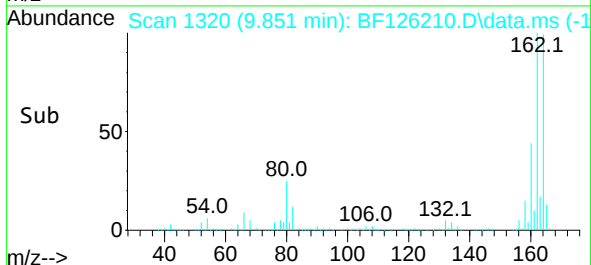
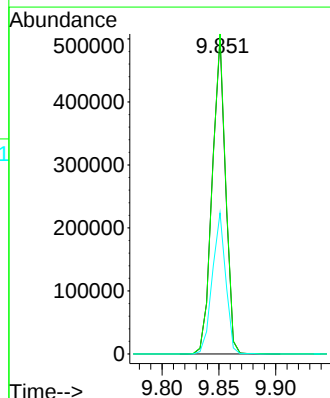
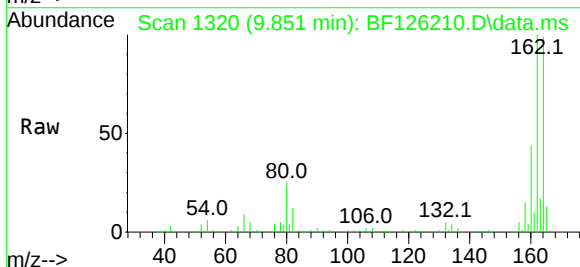
Tgt Ion:164 Resp: 408390

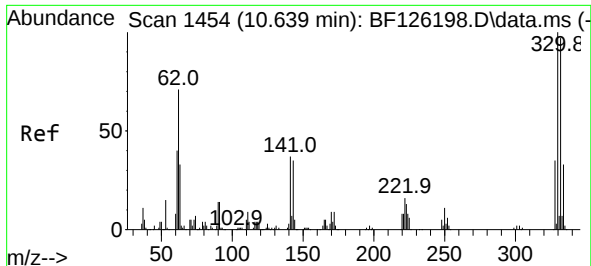
Ion Ratio Lower Upper

164 100

162 101.4 81.3 121.9

160 44.7 38.0 57.0

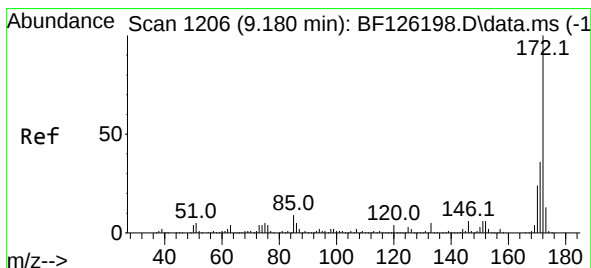
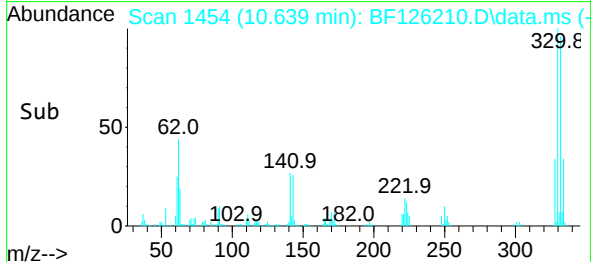
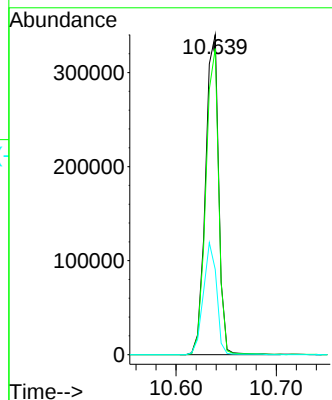
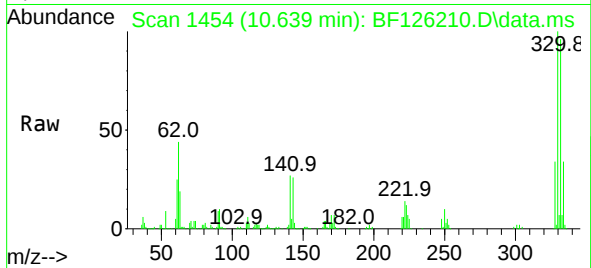




#42
2,4,6-Tribromophenol
Concen: 95.265 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

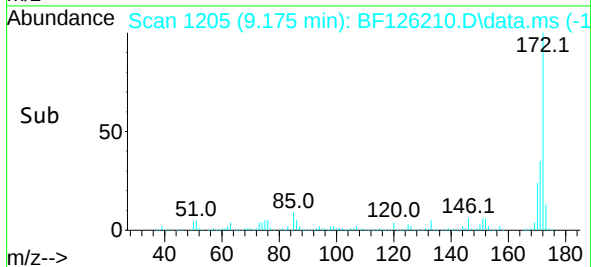
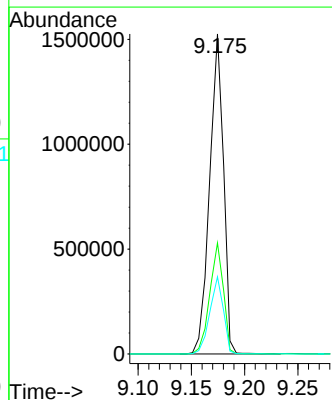
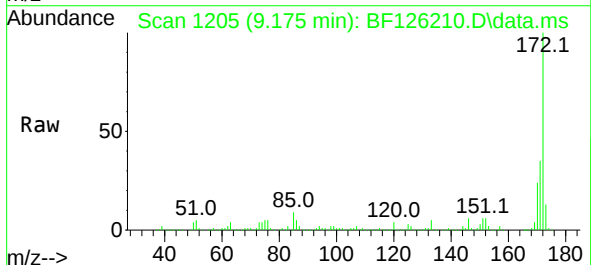
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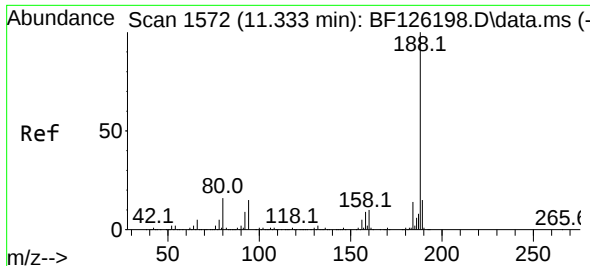
Tgt Ion: 330 Resp: 312661
Ion Ratio Lower Upper
330 100
332 93.7 76.2 114.4
141 35.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 59.621 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

Tgt Ion: 172 Resp: 1388264
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 24.1 18.8 28.2

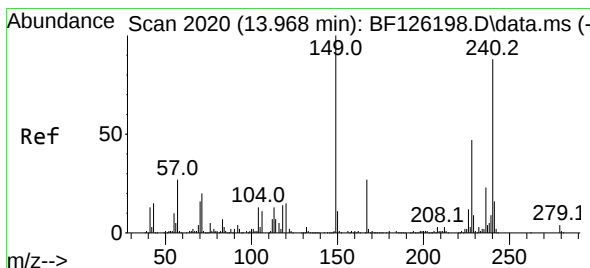
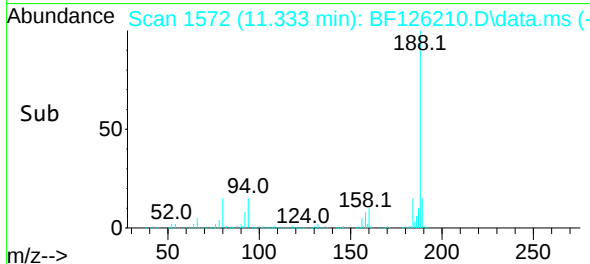
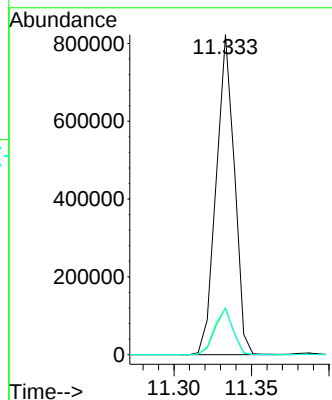
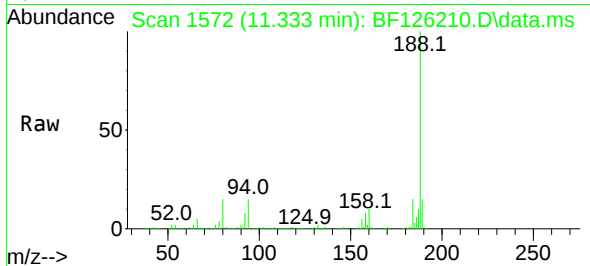




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

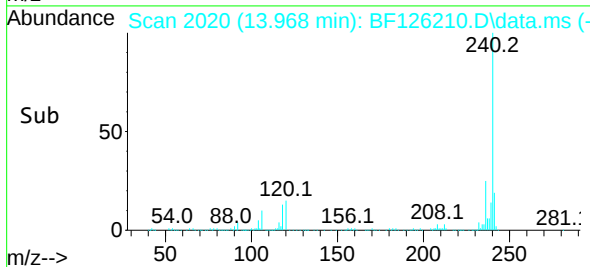
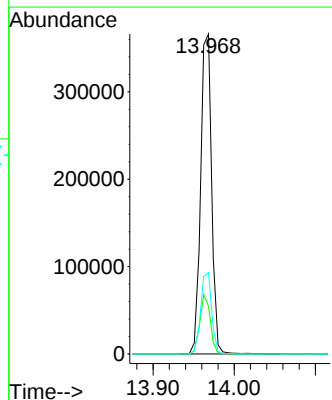
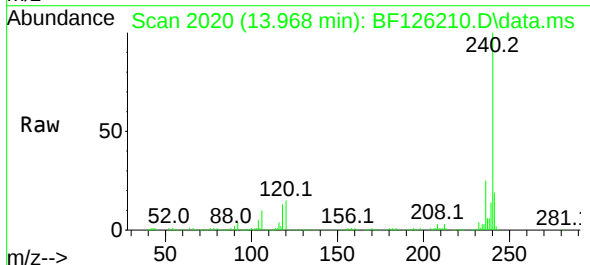
Instrument :
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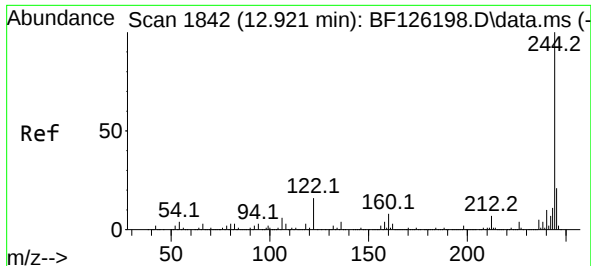
Tgt Ion:188 Resp: 672408
Ion Ratio Lower Upper
188 100
94 14.6 6.7 10.1#
80 14.6 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

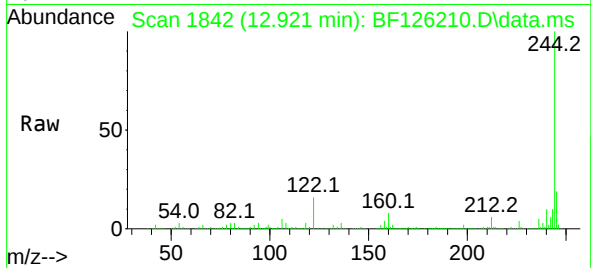
Tgt Ion:240 Resp: 345392
Ion Ratio Lower Upper
240 100
120 14.9 10.8 16.2
236 25.4 21.6 32.4



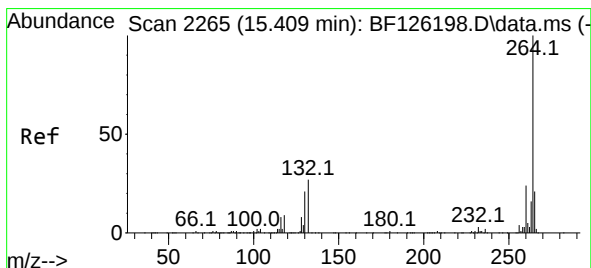
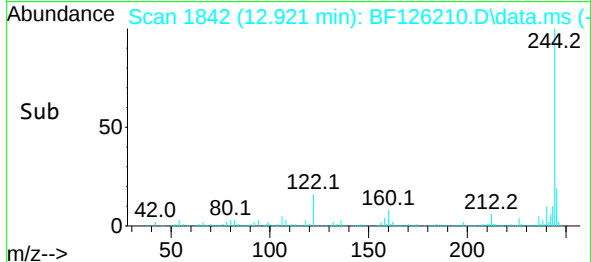
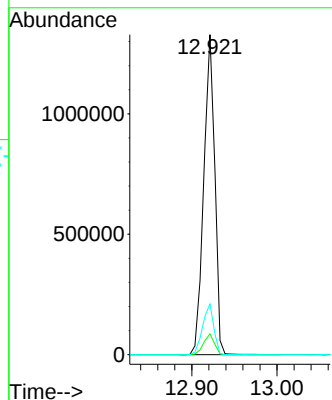


#79
 Terphenyl-d14
 Concen: 59.944 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF126210.D
 Acq: 16 Dec 2021 14:14

Instrument :
 BNA_F
 ClientSampleId :
 TP12



Tgt Ion:244 Resp: 1191175
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 15.8 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: BF126210.D
 Acq: 16 Dec 2021 14:14

Tgt Ion:264 Resp: 382558
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 21.4 17.2 25.8

