

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126218.D
 Acq On : 16 Dec 2021 18:39
 Operator : JU/CG
 Sample : M4927-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH1-BOT-14

Quant Time: Dec 17 01:47:15 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)

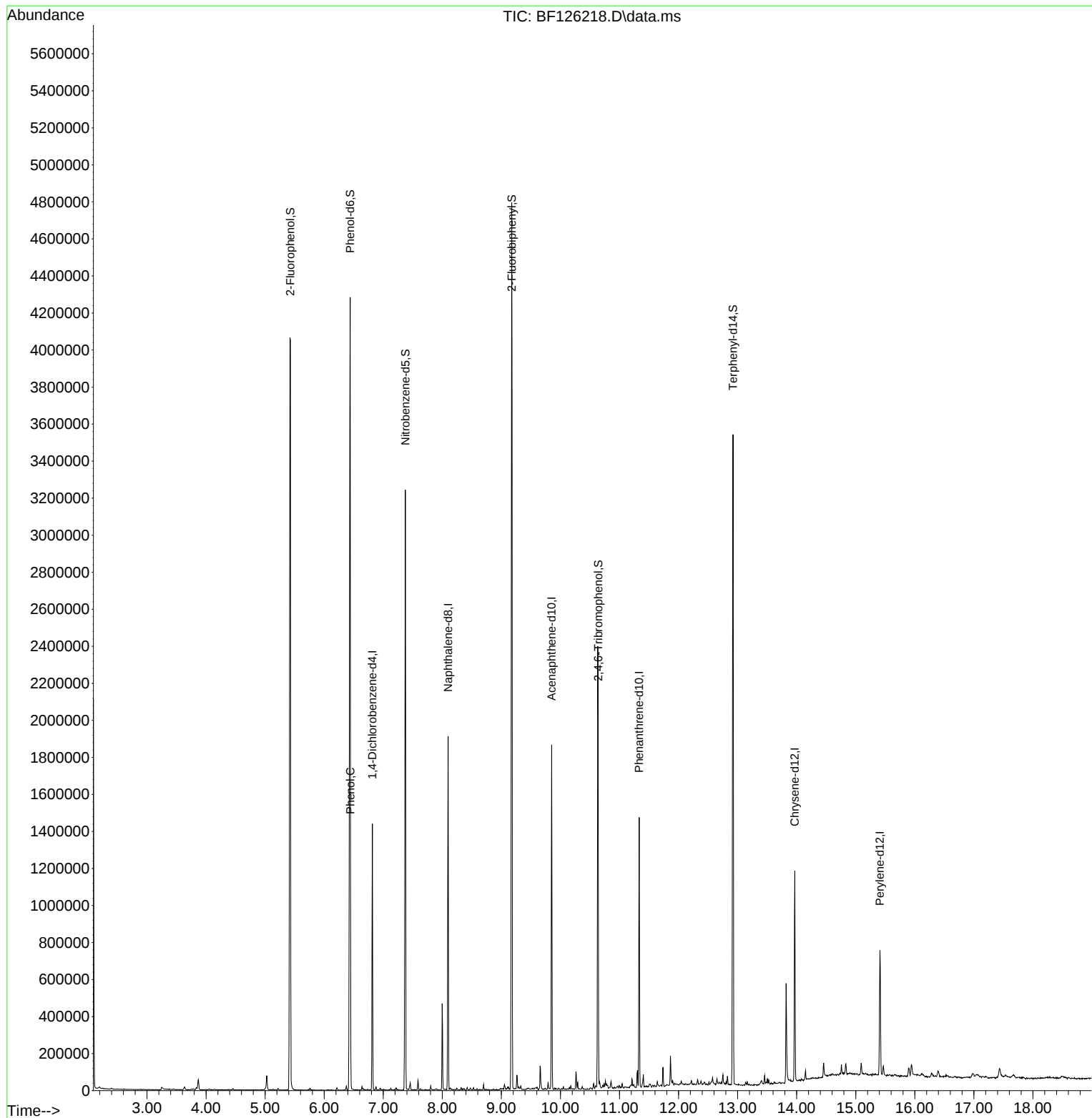
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	183748	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	756536	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	332882	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	460504	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	346285	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	268842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1354238	108.535	ng	0.00
7) Phenol-d6	6.439	99	1686136	106.427	ng	0.00
23) Nitrobenzene-d5	7.375	82	1065251	76.260	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	263843	98.626	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1441688	75.959	ng	0.00
79) Terphenyl-d14	12.921	244	1127093	56.572	ng	0.00
Target Compounds						
10) Phenol	6.445	94	53256	2.995	ng	Qvalue 87

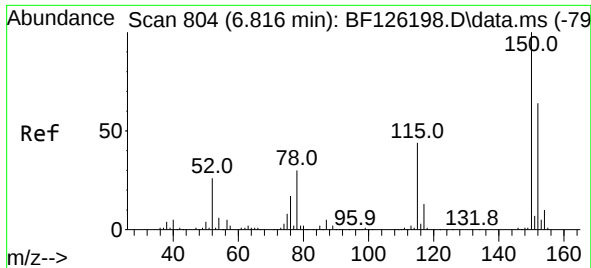
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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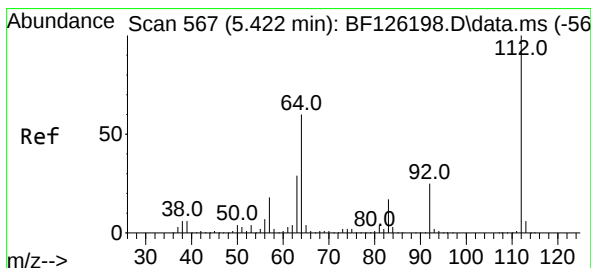
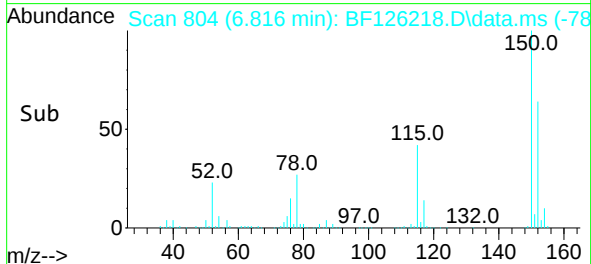
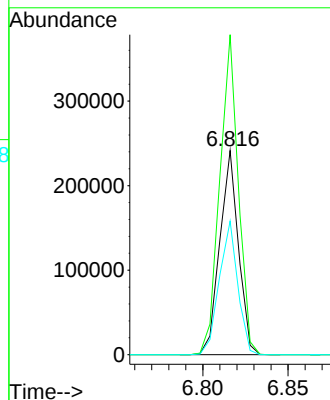
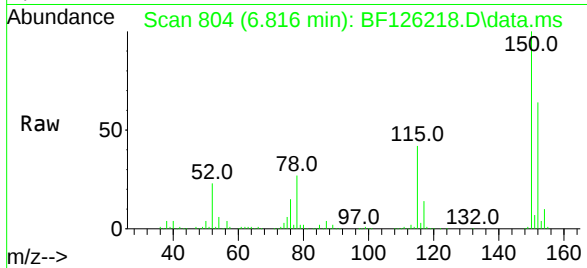




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126218.D
Acq: 16 Dec 2021 18:39

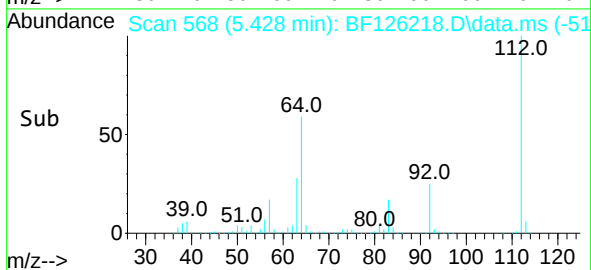
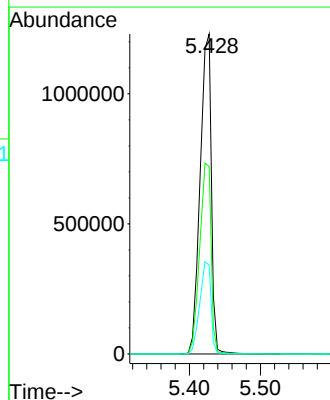
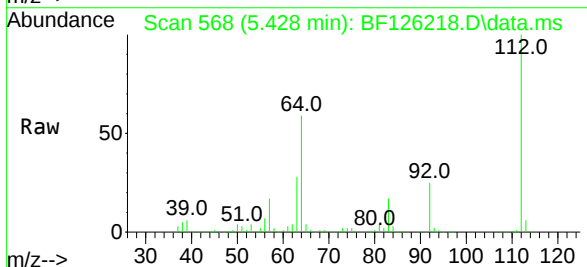
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-14

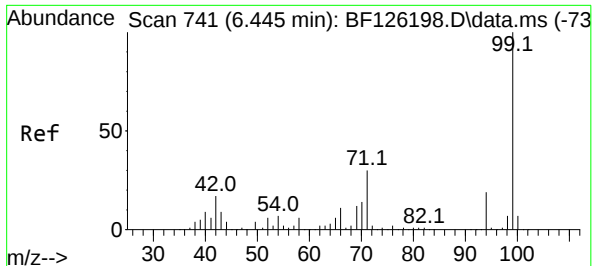
Tgt Ion:152 Resp: 183748
Ion Ratio Lower Upper
152 100
150 156.7 117.6 176.4
115 65.5 47.1 70.7



#5
2-Fluorophenol
Concen: 108.535 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF126218.D
Acq: 16 Dec 2021 18:39

Tgt Ion:112 Resp: 1354238
Ion Ratio Lower Upper
112 100
64 58.6 44.2 66.2
63 27.8 26.2 39.2

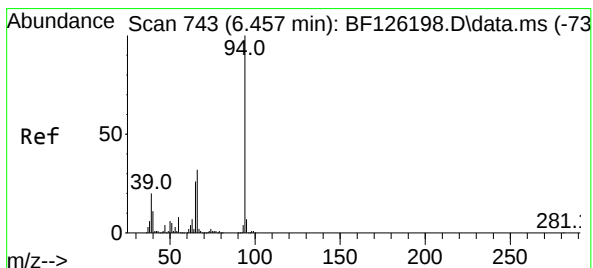
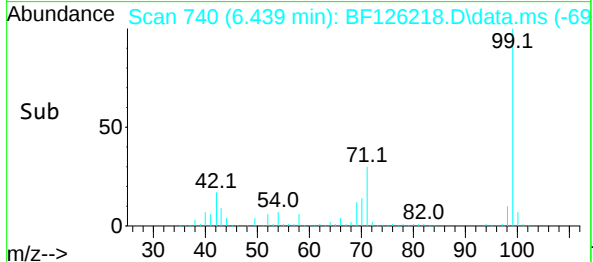
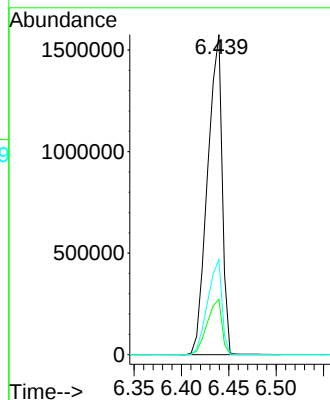
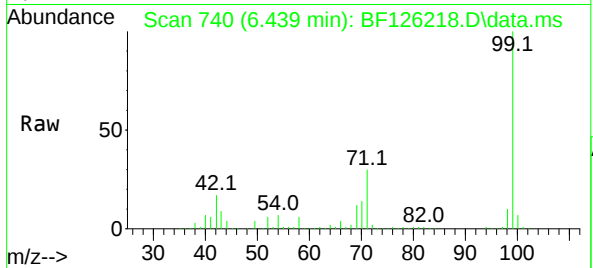




#7
Phenol-d6
Concen: 106.427 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126218.D
Acq: 16 Dec 2021 18:39

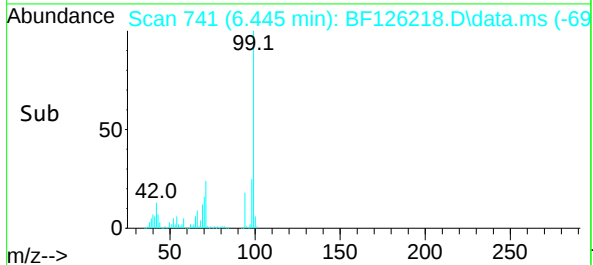
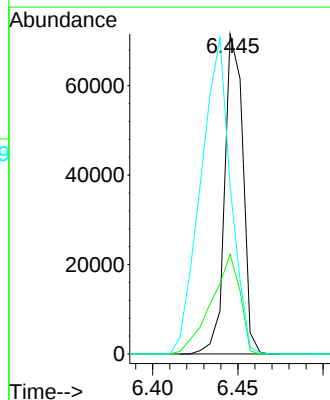
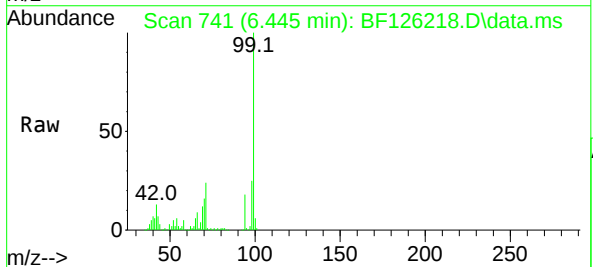
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-14

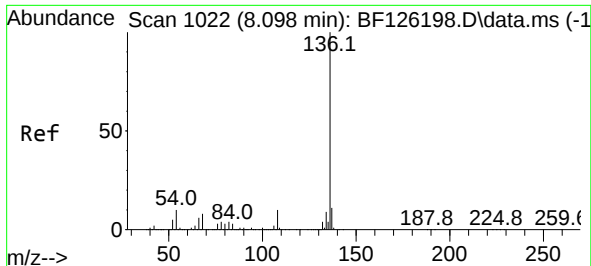
Tgt Ion: 99 Resp: 1686136
Ion Ratio Lower Upper
99 100
42 17.3 23.5 35.3#
71 29.7 25.6 38.4



#10
Phenol
Concen: 2.995 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF126218.D
Acq: 16 Dec 2021 18:39

Tgt Ion: 94 Resp: 53256
Ion Ratio Lower Upper
94 100
65 31.2 9.3 49.3
66 52.4 20.3 60.3

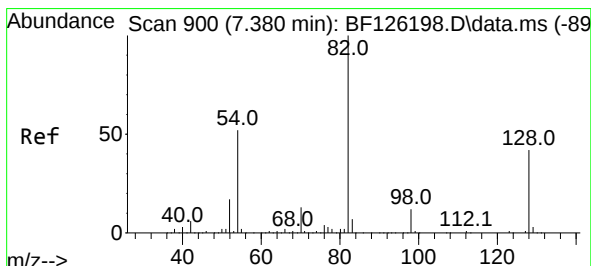
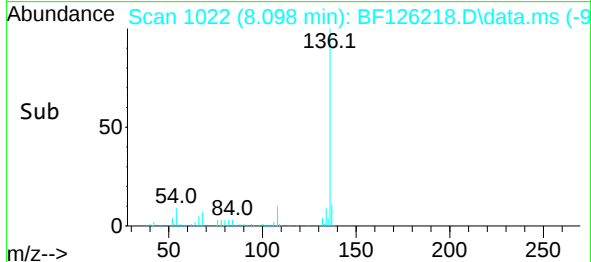
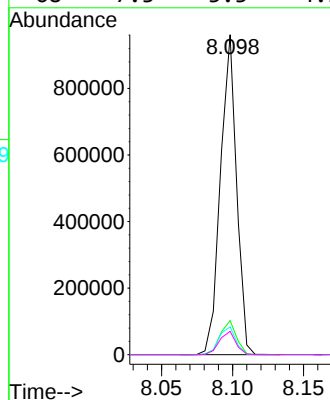
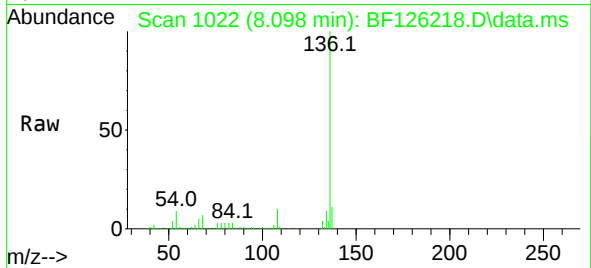




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126218.D
Acq: 16 Dec 2021 18:39

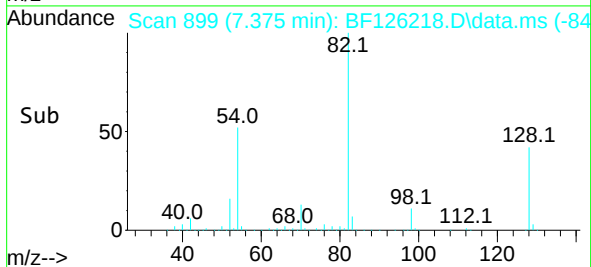
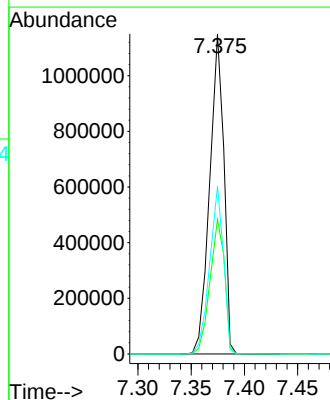
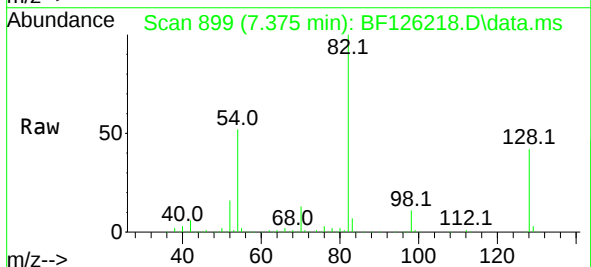
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-14

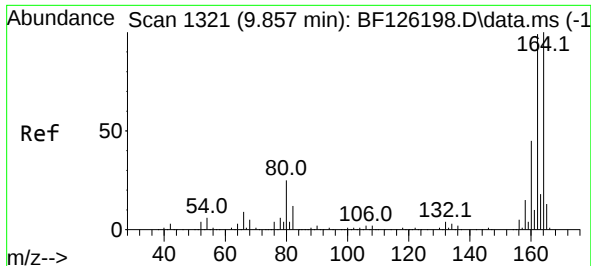
Tgt Ion:	136	Resp:	756536
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	8.7	6.4	9.6
68	7.3	3.3	4.9



#23
Nitrobenzene-d5
Concen: 76.260 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126218.D
Acq: 16 Dec 2021 18:39

Tgt Ion:	82	Resp:	1065251
Ion	Ratio	Lower	Upper
82	100		
128	42.0	40.6	60.8
54	52.4	49.6	74.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126218.D

Acq: 16 Dec 2021 18:39

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-14

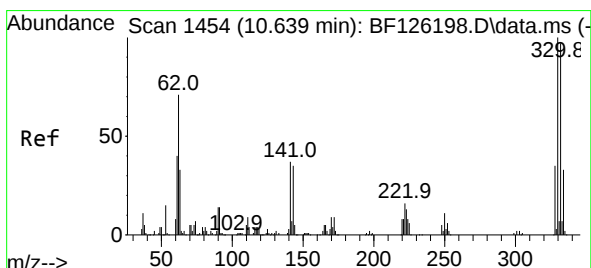
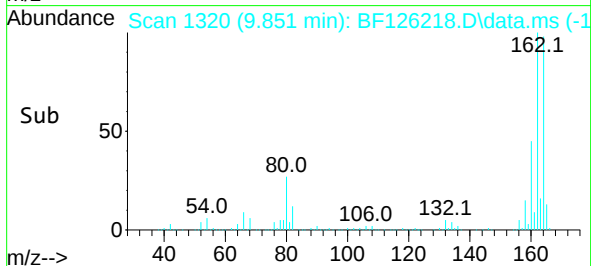
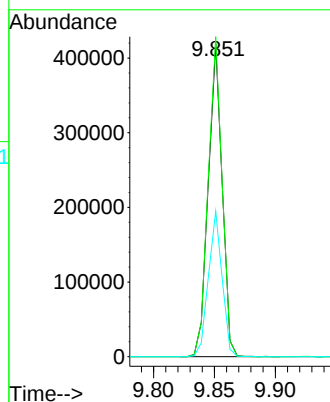
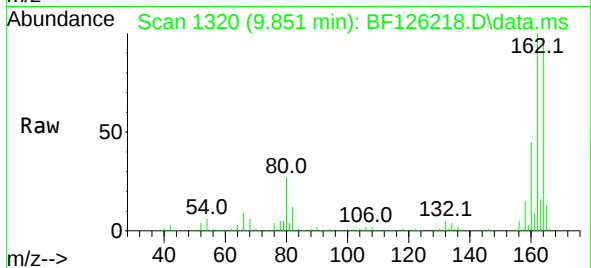
Tgt Ion:164 Resp: 332882

Ion Ratio Lower Upper

164 100

162 102.3 81.3 121.9

160 46.5 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 98.626 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF126218.D

Acq: 16 Dec 2021 18:39

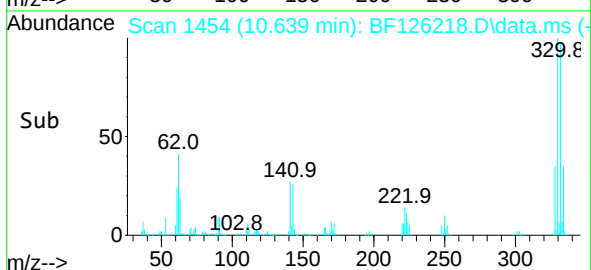
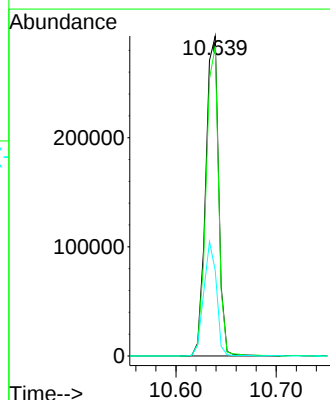
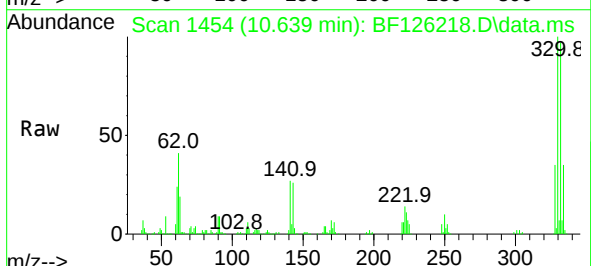
Tgt Ion:330 Resp: 263843

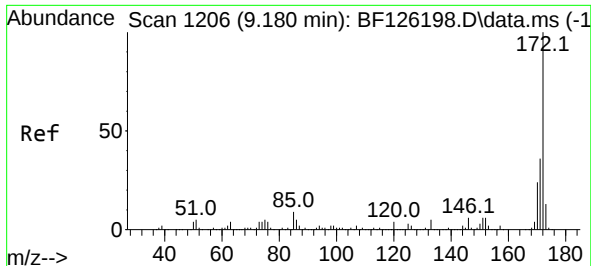
Ion Ratio Lower Upper

330 100

332 94.3 76.2 114.4

141 35.1 44.6 66.8#

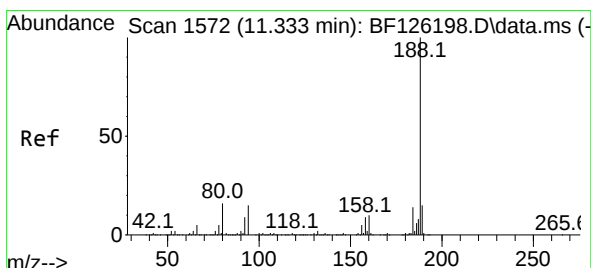
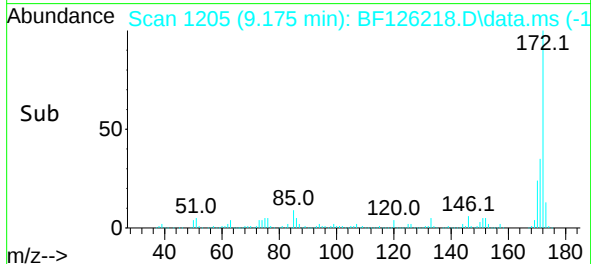
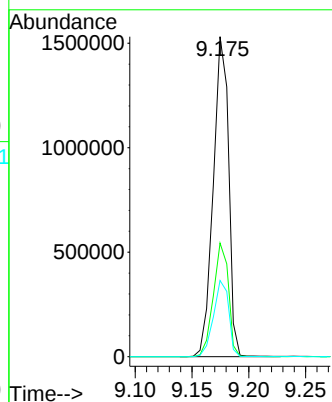
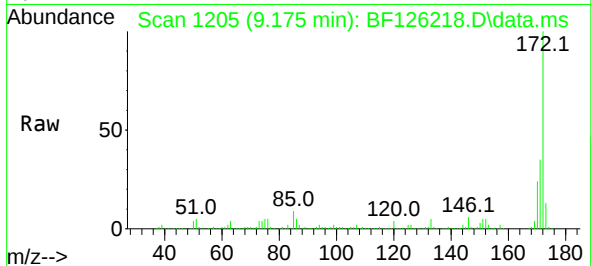




#45
2-Fluorobiphenyl
Concen: 75.959 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126218.D
Acq: 16 Dec 2021 18:39

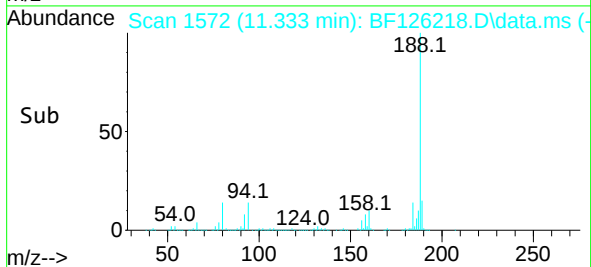
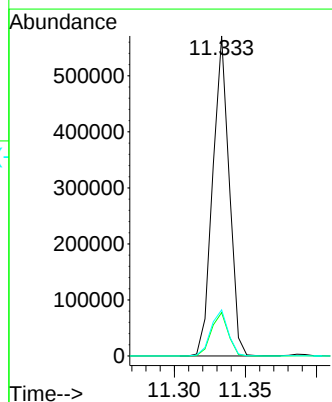
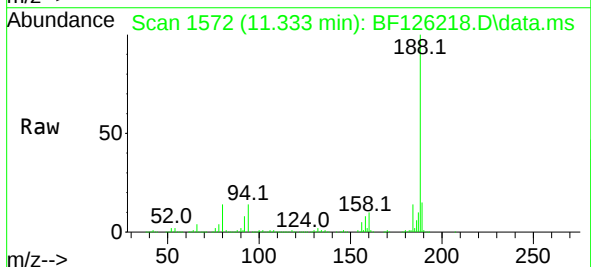
Instrument :
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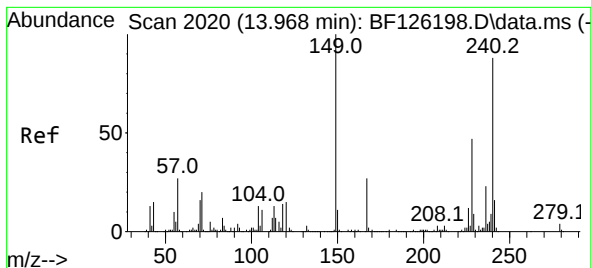
Tgt Ion:172 Resp: 1441688
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.8 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF126218.D
Acq: 16 Dec 2021 18:39

Tgt Ion:188 Resp: 460504
Ion Ratio Lower Upper
188 100
94 13.6 6.7 10.1#
80 14.4 7.5 11.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF126218.D

Acq: 16 Dec 2021 18:39

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-14

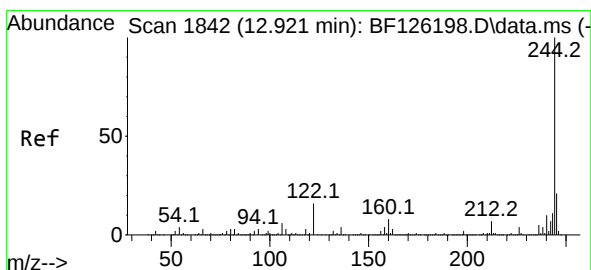
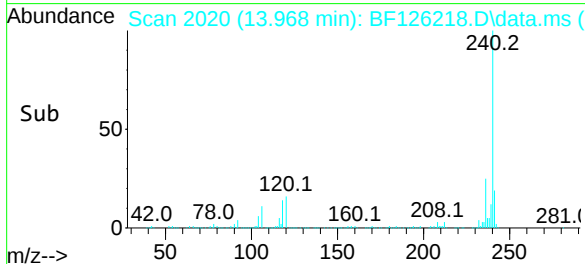
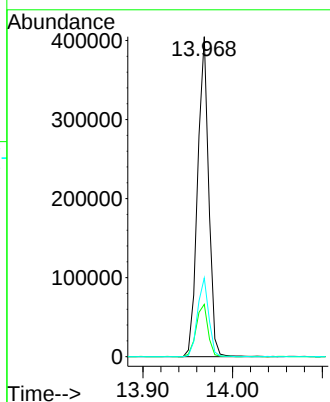
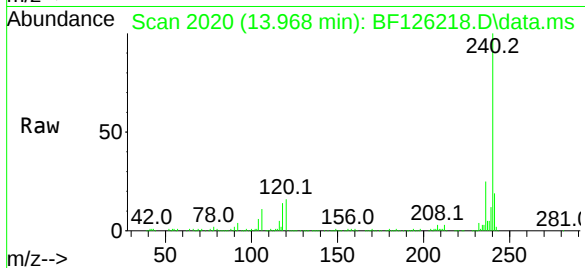
Tgt Ion:240 Resp: 346285

Ion Ratio Lower Upper

240 100

120 16.3 10.8 16.2#

236 24.6 21.6 32.4



#79

Terphenyl-d14

Concen: 56.572 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF126218.D

Acq: 16 Dec 2021 18:39

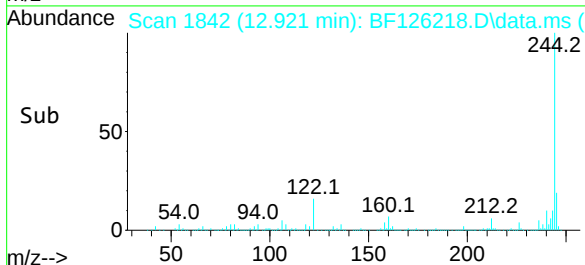
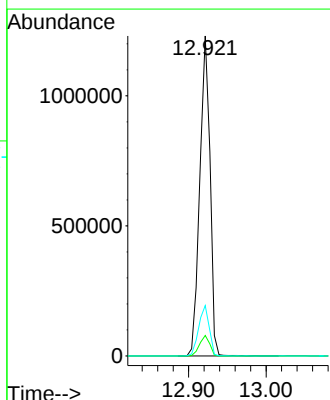
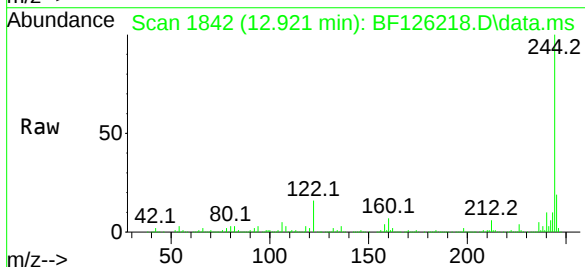
Tgt Ion:244 Resp: 1127093

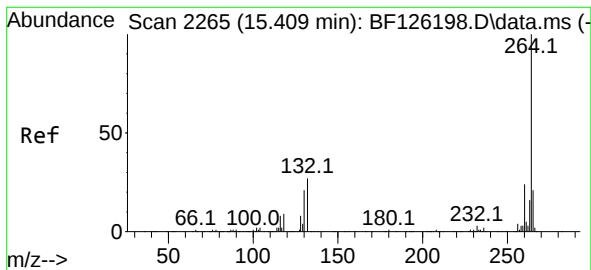
Ion Ratio Lower Upper

244 100

212 6.4 5.9 8.9

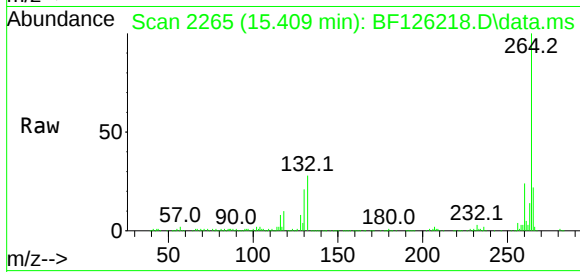
122 15.8 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126218.D
 Acq: 16 Dec 2021 18:39

Instrument :
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Tgt Ion:264 Resp: 268842
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.6 17.2 25.8

