

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126212.D
 Acq On : 16 Dec 2021 15:20
 Operator : JU/CG
 Sample : M5022-39
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP13

Quant Time: Dec 16 15:41:37 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	187489	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	787250	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	377539	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	635657	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	344158	20.000	ng	0.00
86) Perylene-d12	15.410	264	349828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1243150	97.644	ng	0.00
7) Phenol-d6	6.434	99	1624329	100.480	ng	-0.01
23) Nitrobenzene-d5	7.375	82	1038197	71.423	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	292384	96.367	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1480836	68.793	ng	0.00
79) Terphenyl-d14	12.922	244	1366497	69.013	ng	0.00

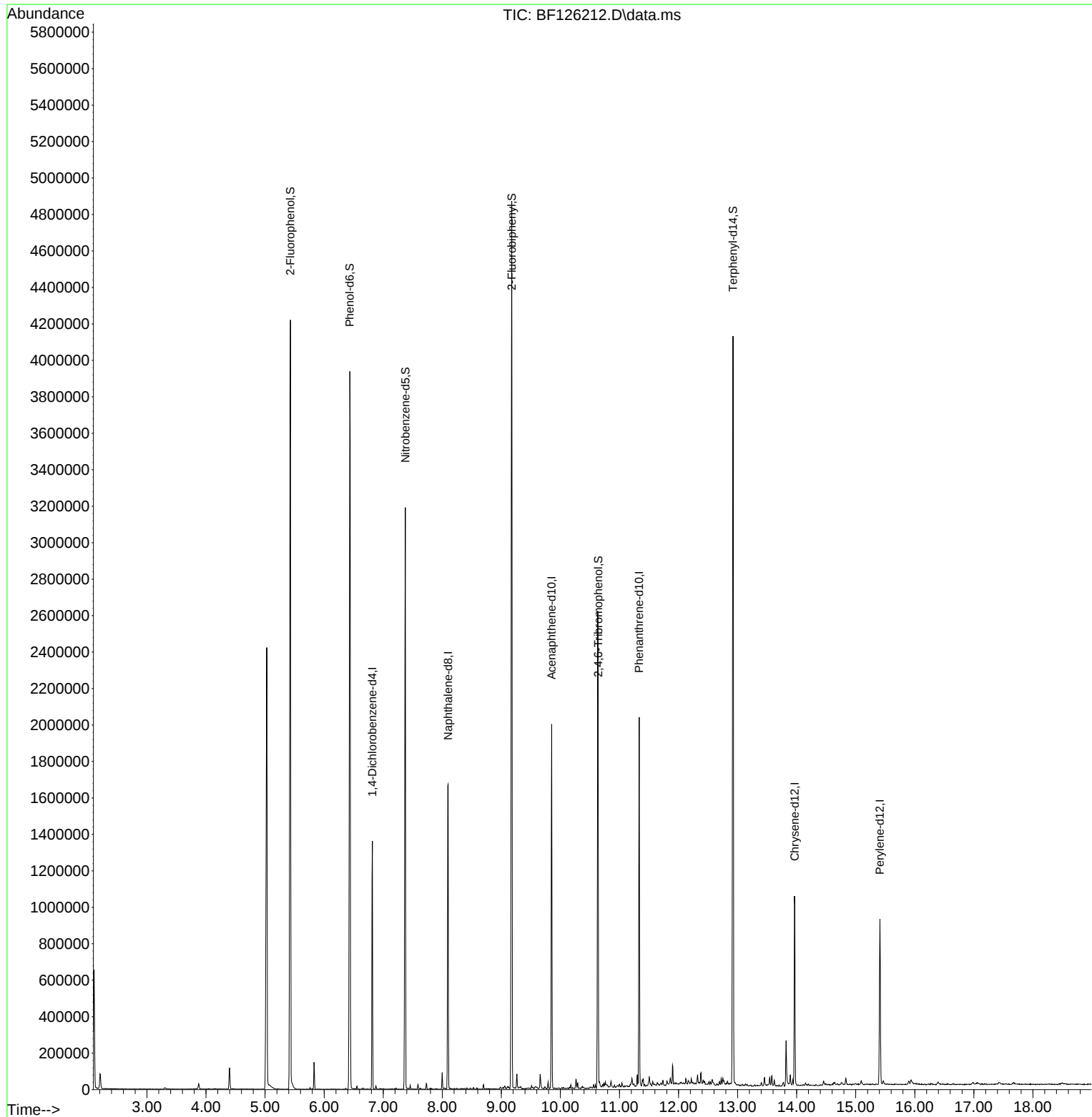
Target Compounds	Qvalue

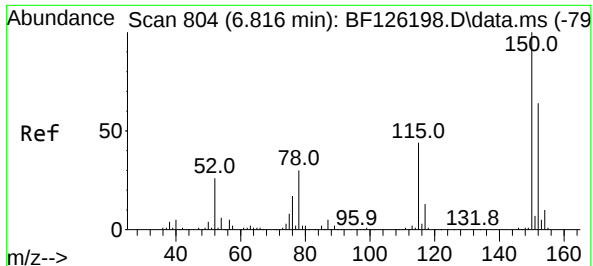
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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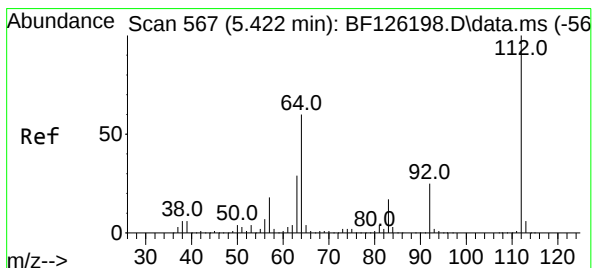
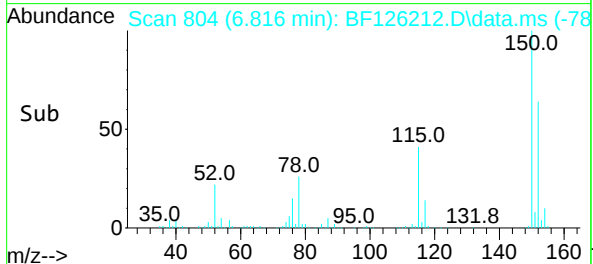
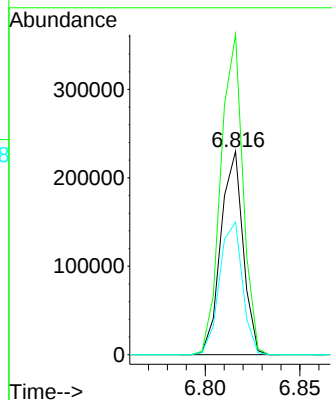
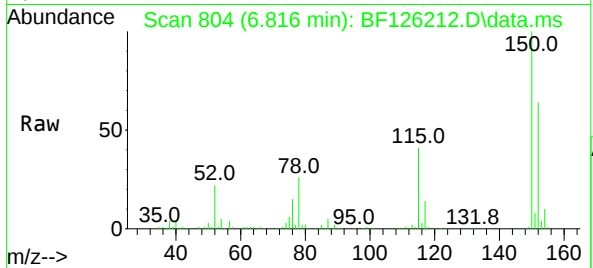




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF126212.D
Acq: 16 Dec 2021 15:20

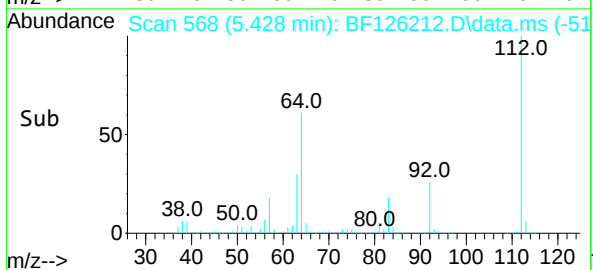
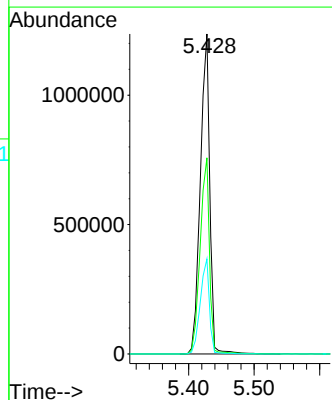
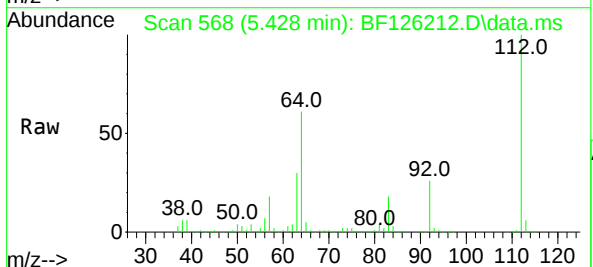
Instrument :
BNA_F
ClientSampleId :
TP13

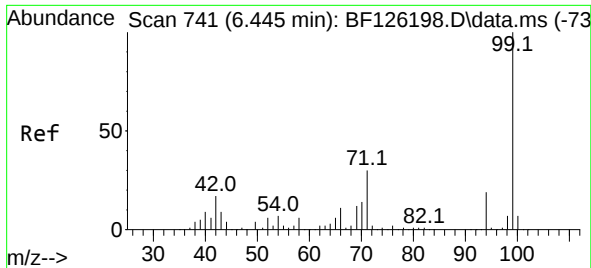
Tgt Ion:152 Resp: 187489
Ion Ratio Lower Upper
152 100
150 157.4 117.6 176.4
115 65.2 47.1 70.7



#5
2-Fluorophenol
Concen: 97.644 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF126212.D
Acq: 16 Dec 2021 15:20

Tgt Ion:112 Resp: 1243150
Ion Ratio Lower Upper
112 100
64 61.3 44.2 66.2
63 29.7 26.2 39.2

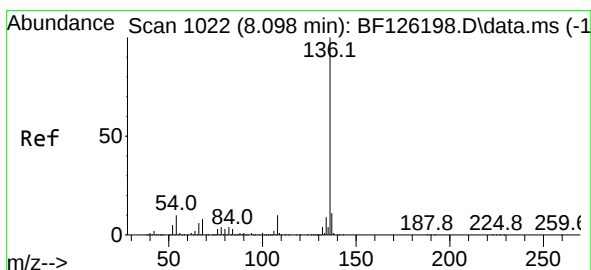
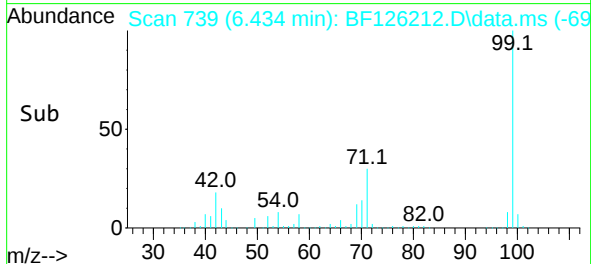
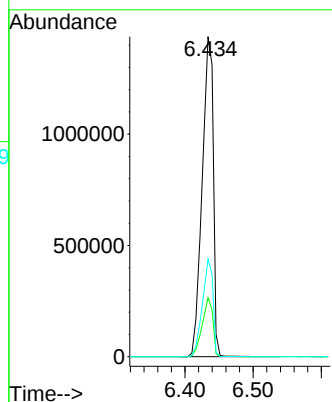
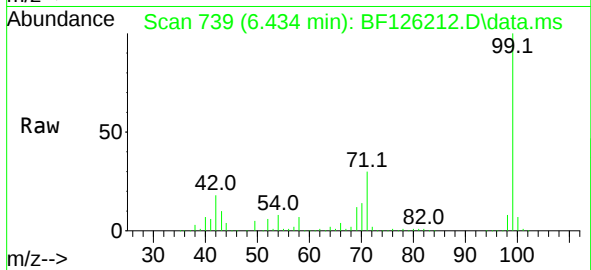




#7
Phenol-d6
Concen: 100.480 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF126212.D
Acq: 16 Dec 2021 15:20

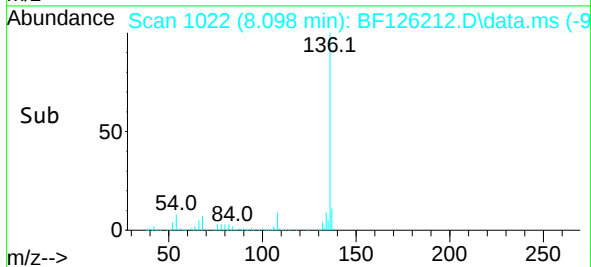
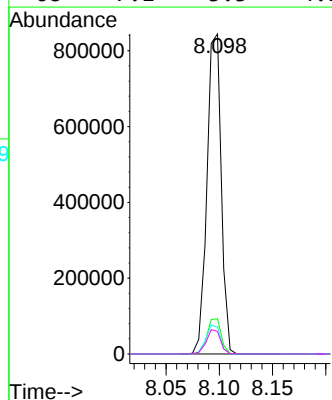
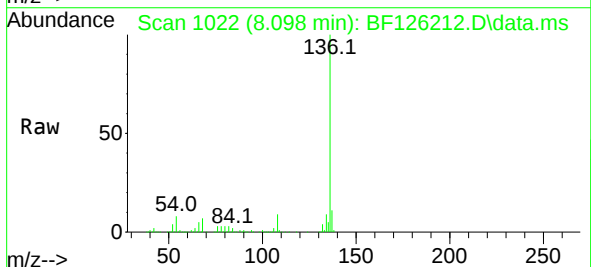
Instrument :
BNA_F
ClientSampleId :
TP13

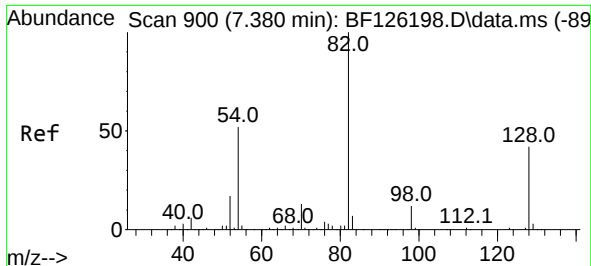
Tgt Ion: 99 Resp: 1624329
Ion Ratio Lower Upper
99 100
42 18.4 23.5 35.3#
71 30.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126212.D
Acq: 16 Dec 2021 15:20

Tgt Ion: 136 Resp: 787250
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 8.4 6.4 9.6
68 7.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 71.423 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126212.D

Acq: 16 Dec 2021 15:20

Instrument :

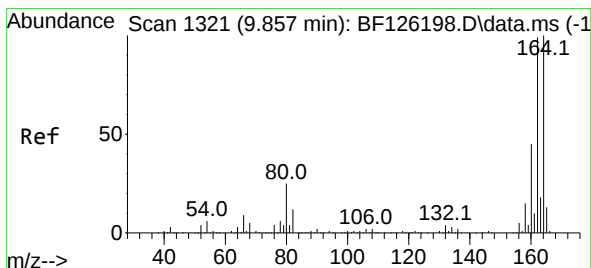
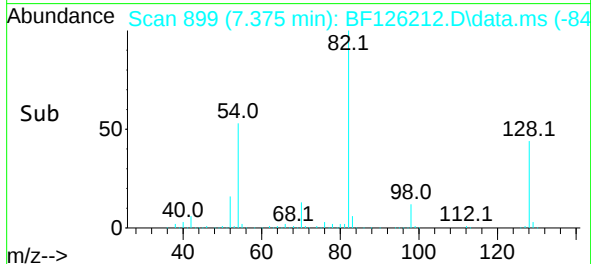
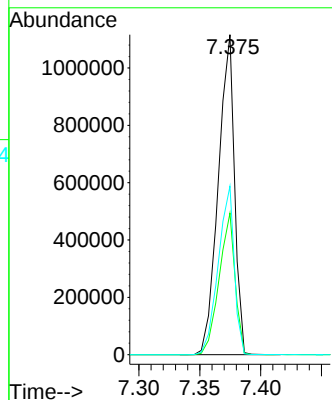
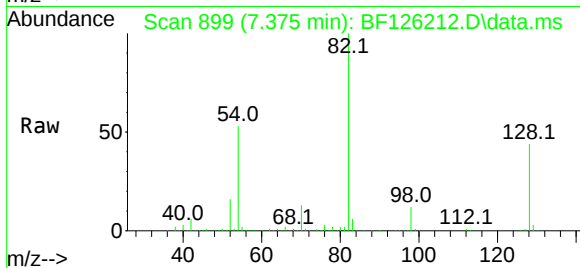
BNA_F

ClientSampleId :

TP13

Tgt Ion: 82 Resp: 1038197

Ion	Ratio	Lower	Upper
82	100		
128	44.3	40.6	60.8
54	52.7	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

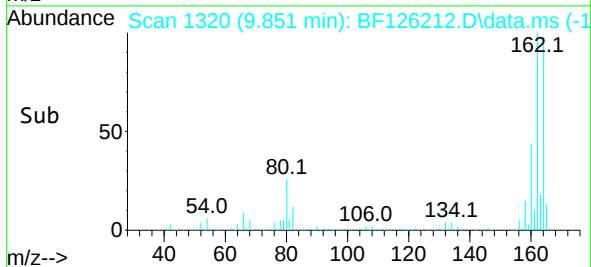
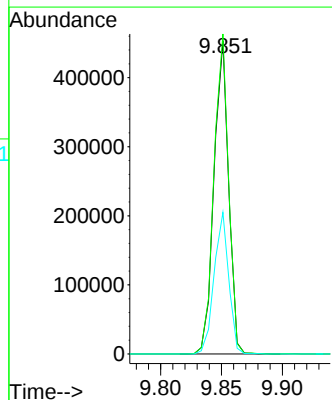
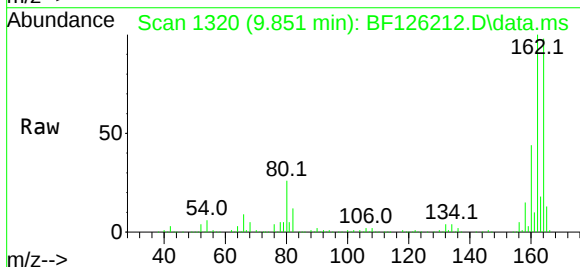
Delta R.T. -0.006 min

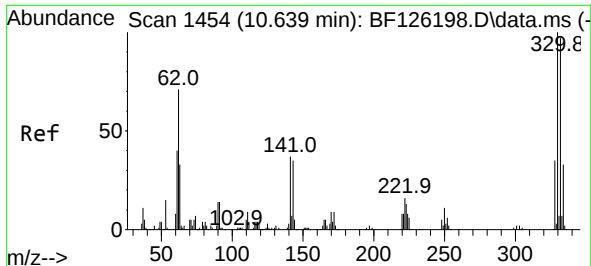
Lab File: BF126212.D

Acq: 16 Dec 2021 15:20

Tgt Ion:164 Resp: 377539

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	45.2	38.0	57.0

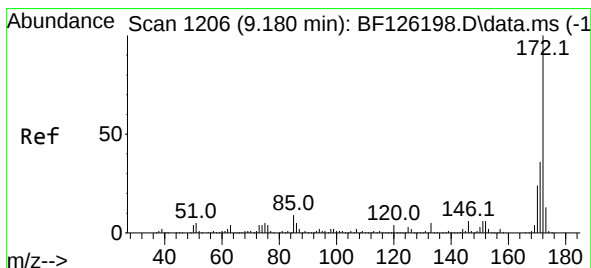
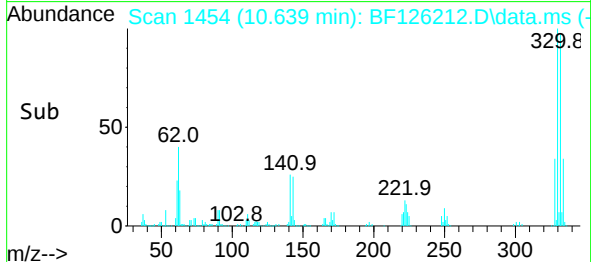
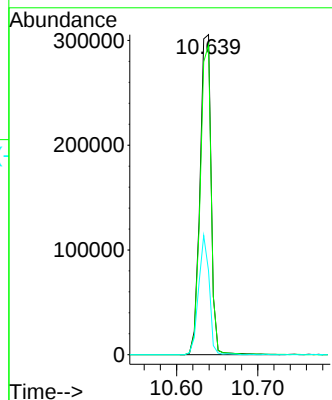
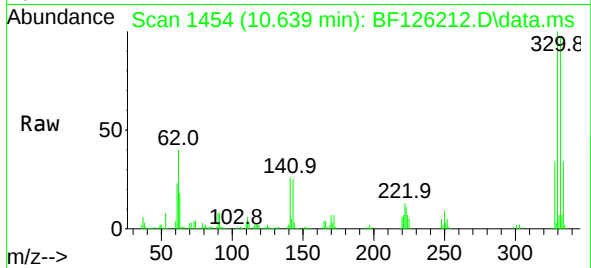




#42
2,4,6-Tribromophenol
Concen: 96.367 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126212.D
Acq: 16 Dec 2021 15:20

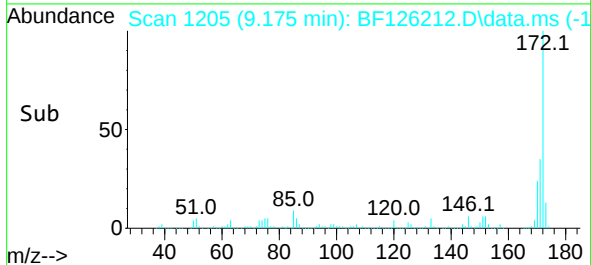
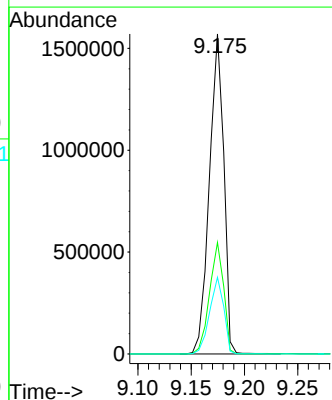
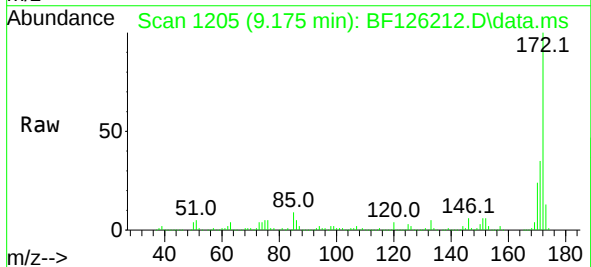
Instrument :
BNA_F
ClientSampleId :
TP13

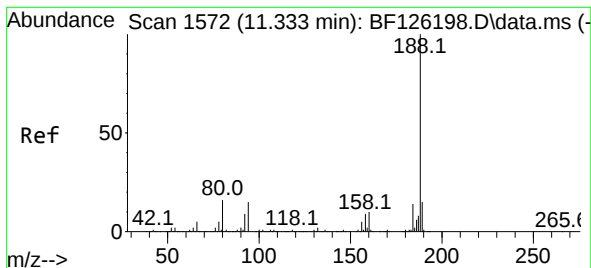
Tgt Ion: 330 Resp: 292384
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 35.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 68.793 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126212.D
Acq: 16 Dec 2021 15:20

Tgt Ion: 172 Resp: 1480836
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.9 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126212.D

Acq: 16 Dec 2021 15:20

Instrument :

BNA_F

ClientSampleId :

TP13

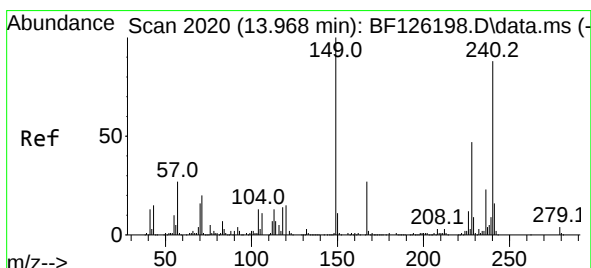
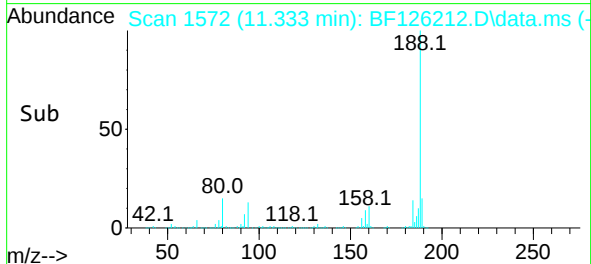
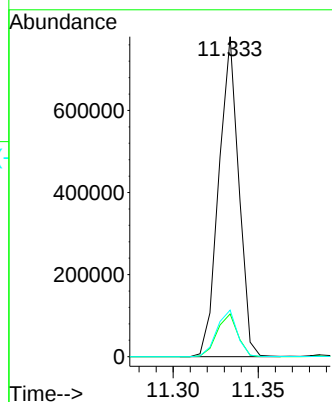
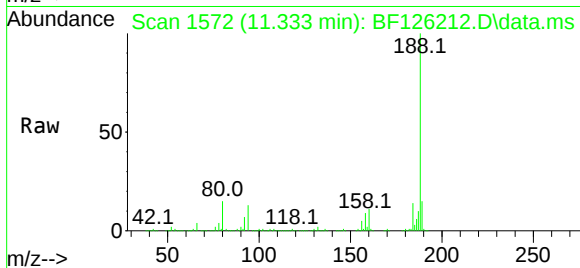
Tgt Ion:188 Resp: 635657

Ion Ratio Lower Upper

188 100

94 13.4 6.7 10.1#

80 14.6 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF126212.D

Acq: 16 Dec 2021 15:20

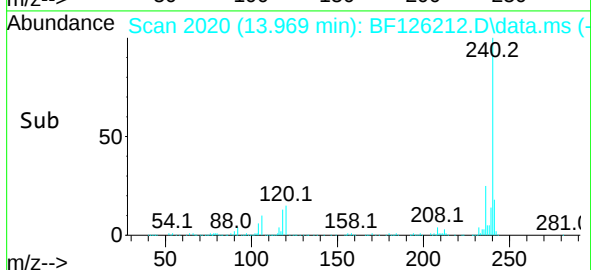
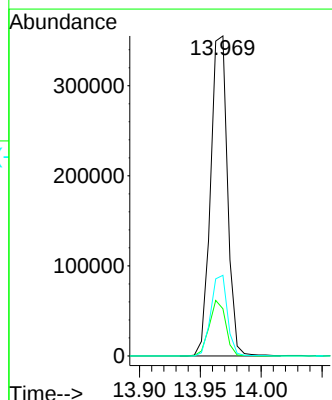
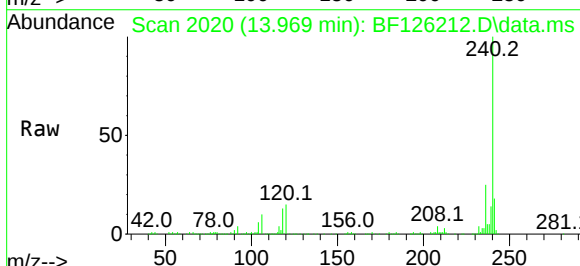
Tgt Ion:240 Resp: 344158

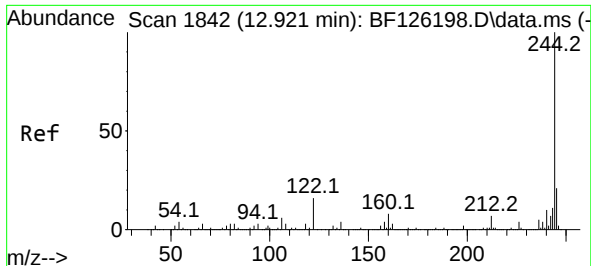
Ion Ratio Lower Upper

240 100

120 14.7 10.8 16.2

236 25.2 21.6 32.4

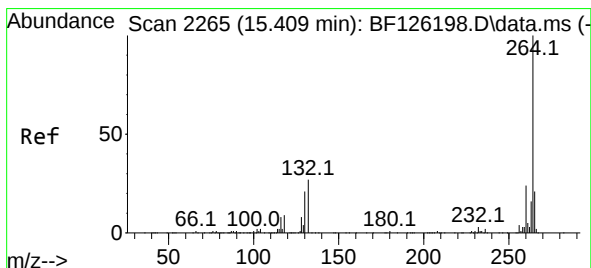
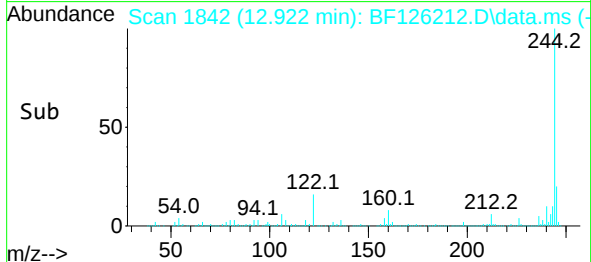
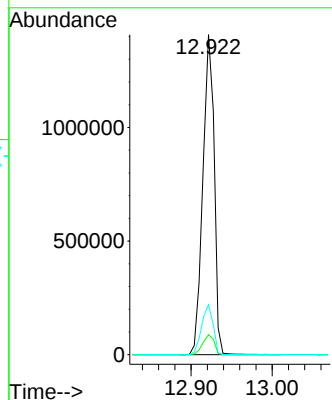
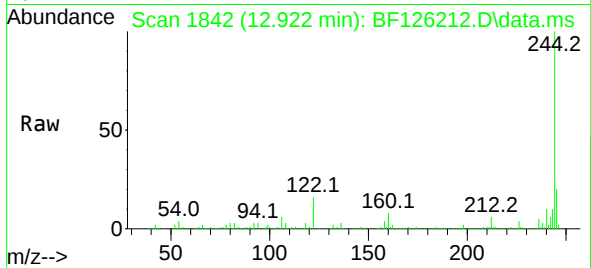




#79
 Terphenyl-d14
 Concen: 69.013 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF126212.D
 Acq: 16 Dec 2021 15:20

Instrument :
 BNA_F
 ClientSampleId :
 TP13

Tgt Ion:244 Resp: 1366497
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.9 8.9
 122 15.6 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF126212.D
 Acq: 16 Dec 2021 15:20

Tgt Ion:264 Resp: 349828
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.4 17.2 25.8

