

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140578.D
 Acq On : 22 Nov 2024 15:32
 Operator : RC/JU
 Sample : P4860-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-007

Quant Time: Nov 22 15:59:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	93283	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	346410	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	184115	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	340852	20.000	ng	0.00
76) Chrysene-d12	14.045	240	203007	20.000	ng	0.00
86) Perylene-d12	15.533	264	190451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	411293	75.228	ng	0.00
7) Phenol-d6	6.504	99	543906	75.251	ng	-0.01
23) Nitrobenzene-d5	7.428	82	354742	52.381	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	146071	74.181	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	689195	55.773	ng	-0.01
79) Terphenyl-d14	12.980	244	705882	54.143	ng	-0.01

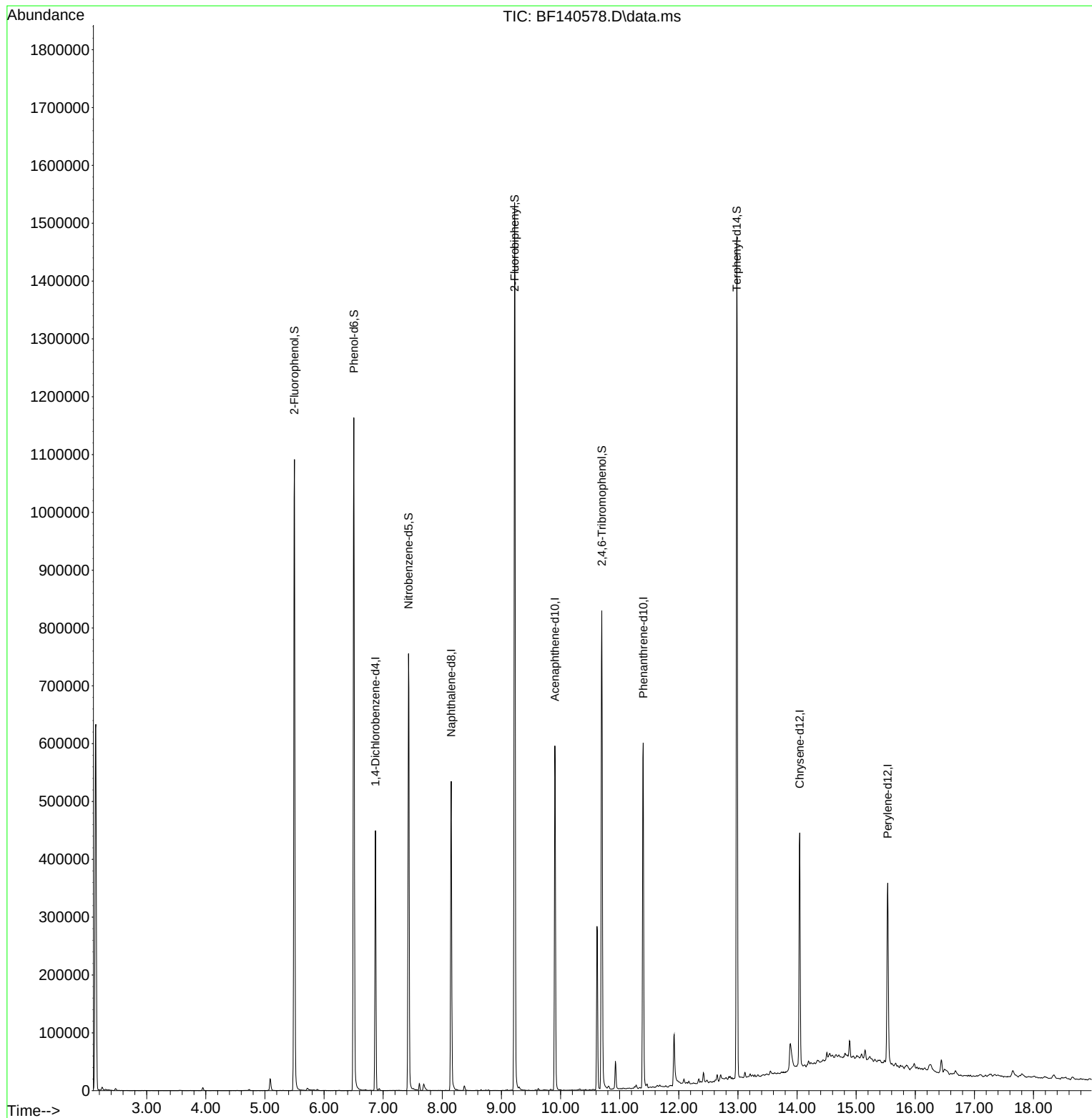
Target Compounds	Qvalue

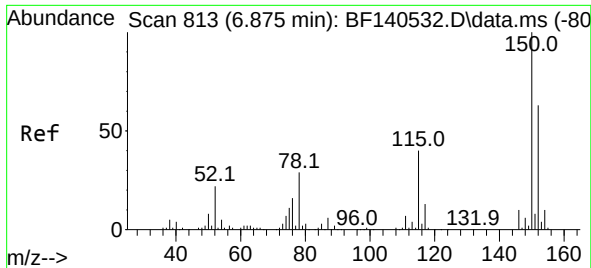
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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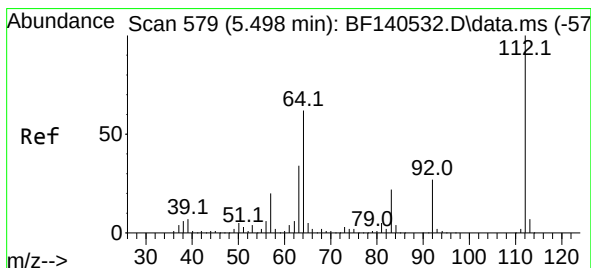
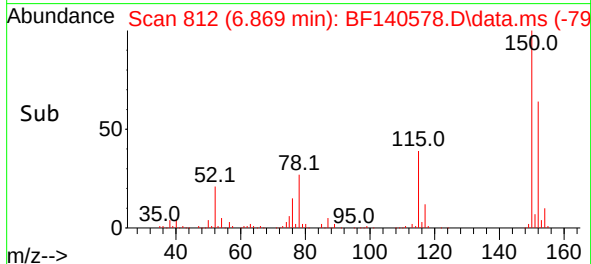
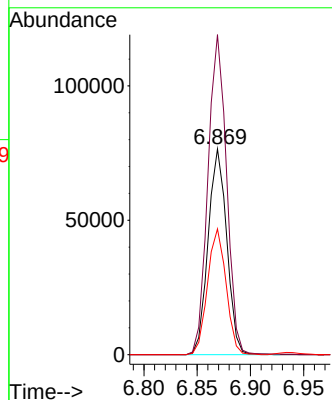
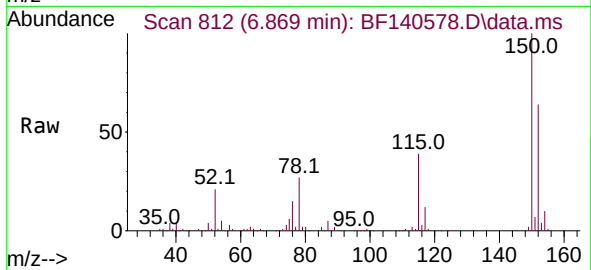




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

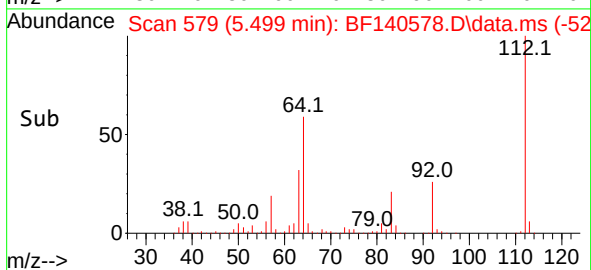
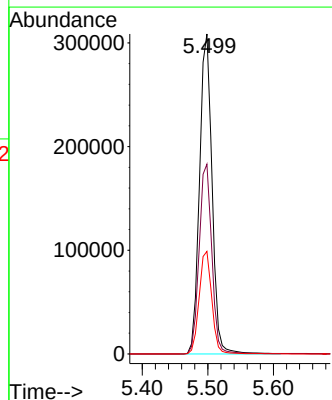
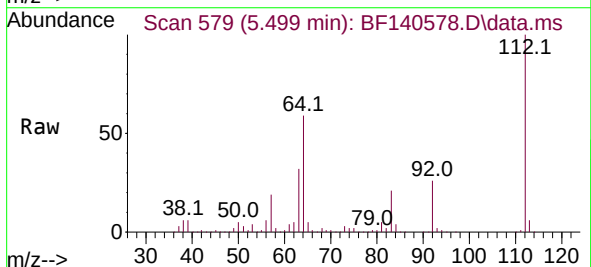
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-007

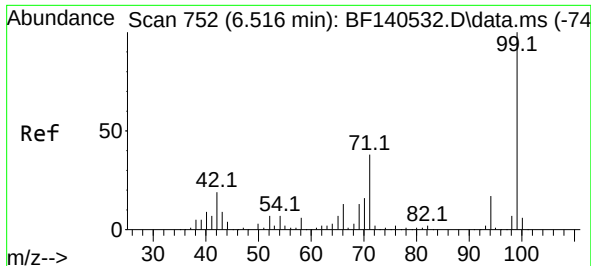
Tgt Ion:152 Resp: 93283
Ion Ratio Lower Upper
152 100
150 155.5 128.5 192.7
115 61.1 50.2 75.4



#5
2-Fluorophenol
Concen: 75.228 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

Tgt Ion:112 Resp: 411293
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 32.1 27.0 40.4

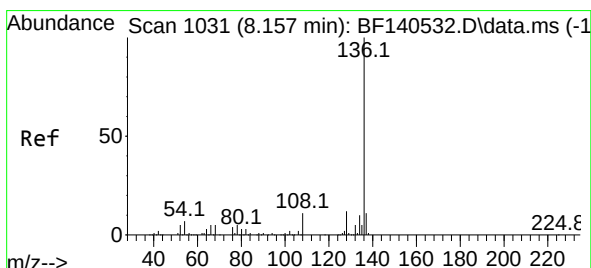
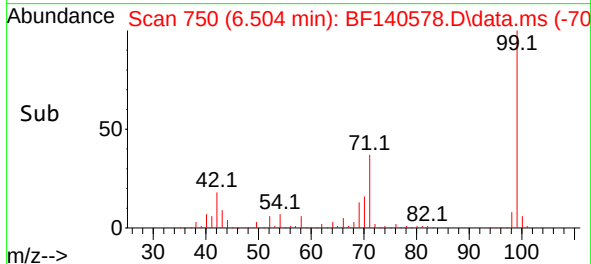
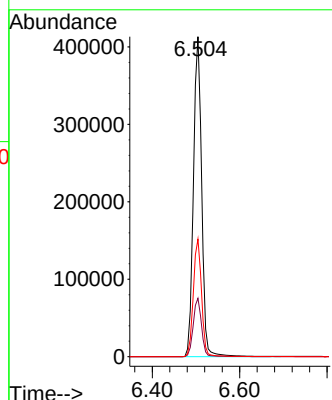
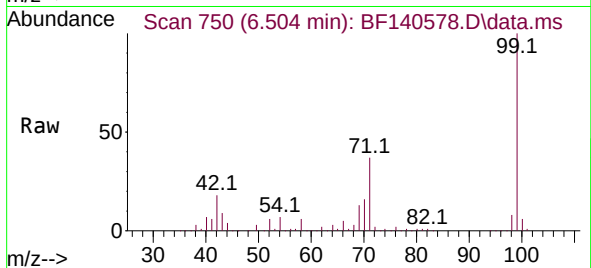




#7
Phenol-d6
Concen: 75.251 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

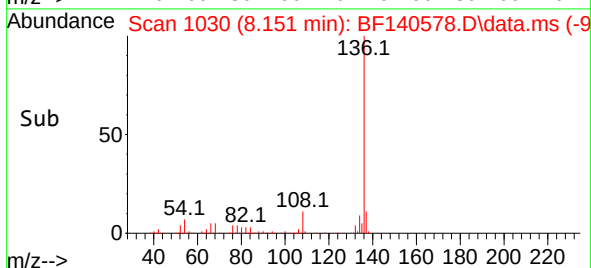
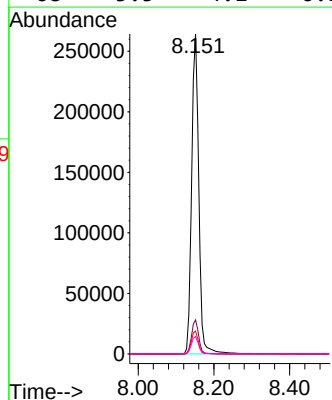
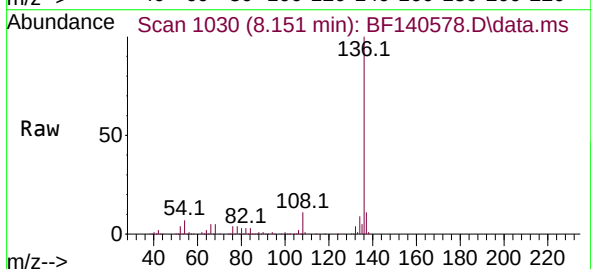
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-007

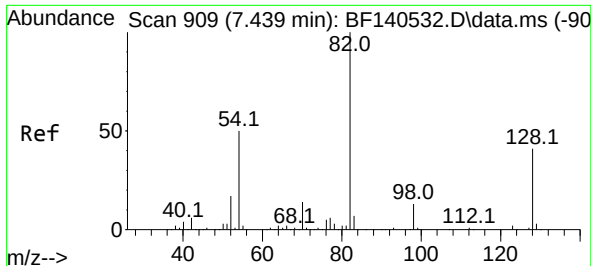
Tgt Ion: 99 Resp: 543906
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 36.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

Tgt Ion: 136 Resp: 346410
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.2 5.8 8.8
68 5.5 4.1 6.1

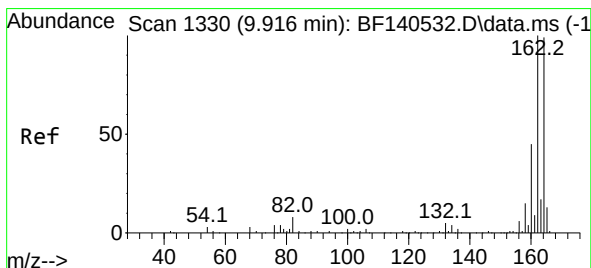
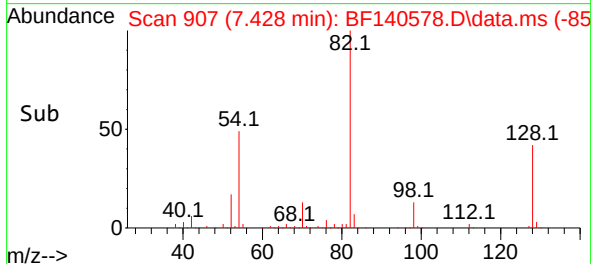
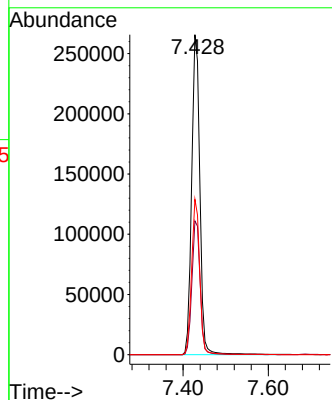
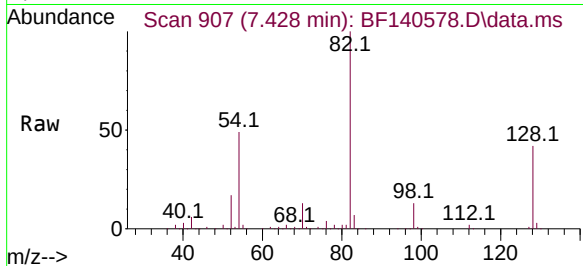




#23
Nitrobenzene-d5
Concen: 52.381 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

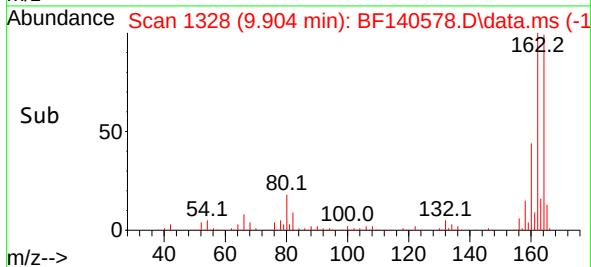
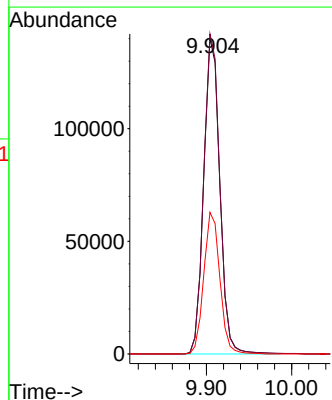
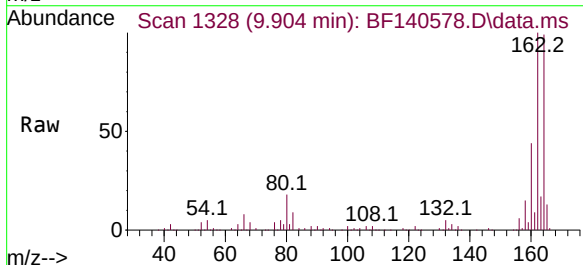
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-007

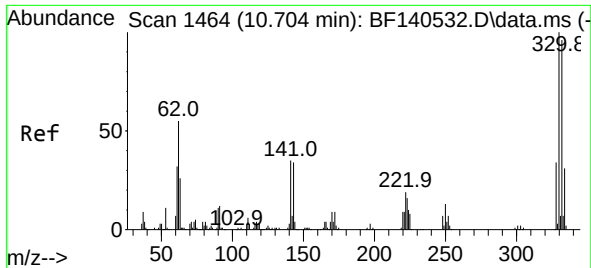
Tgt Ion: 82 Resp: 354742
Ion Ratio Lower Upper
82 100
128 41.8 33.0 49.4
54 48.6 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

Tgt Ion:164 Resp: 184115
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 44.8 36.2 54.4

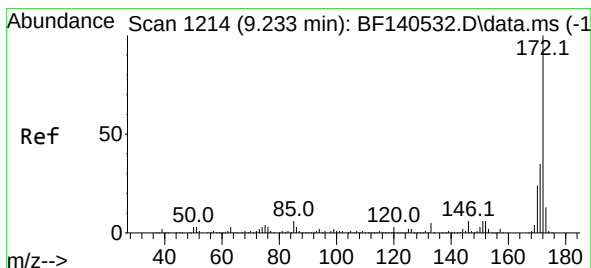
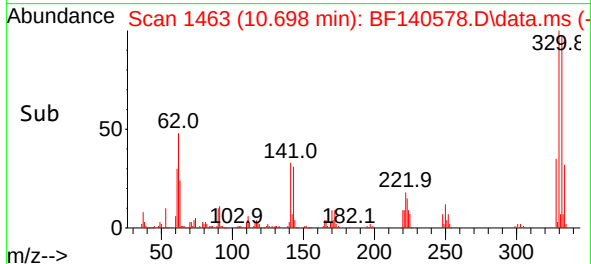
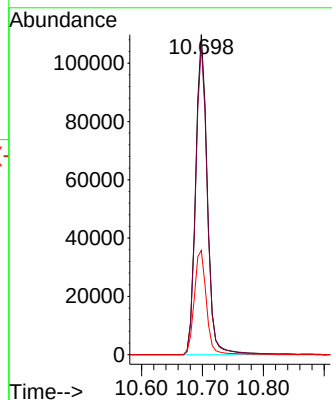
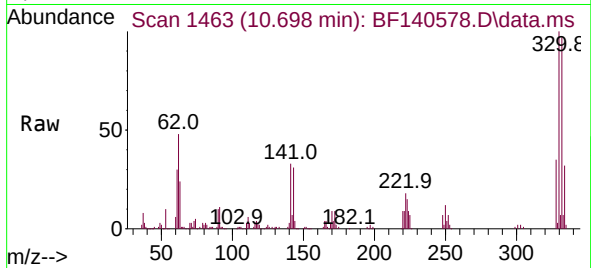




#42
2,4,6-Tribromophenol
Concen: 74.181 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

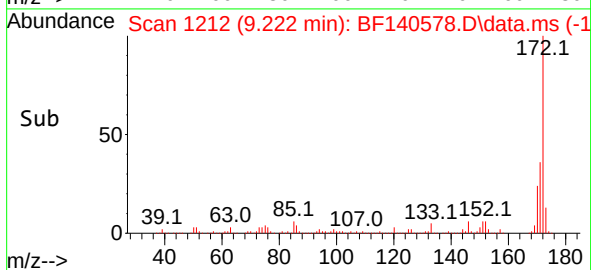
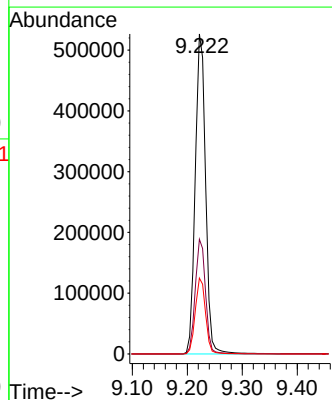
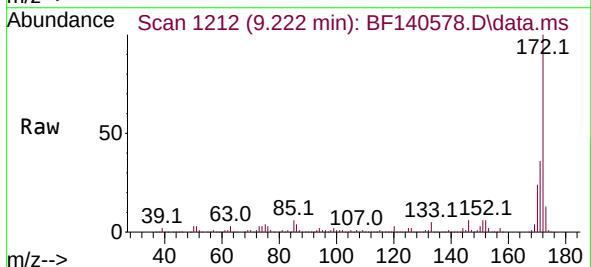
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-007

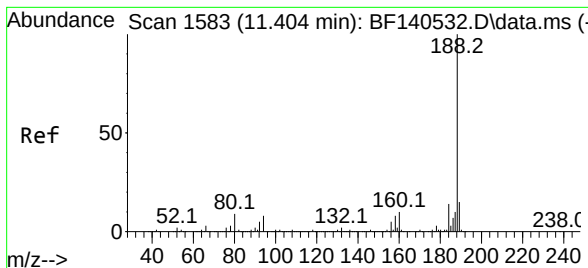
Tgt Ion:330 Resp: 146071
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 33.9 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 55.773 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

Tgt Ion:172 Resp: 689195
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140578.D

Acq: 22 Nov 2024 15:32

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-007

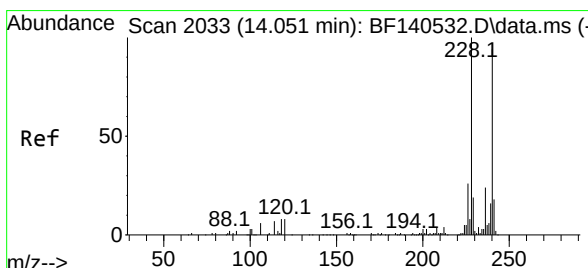
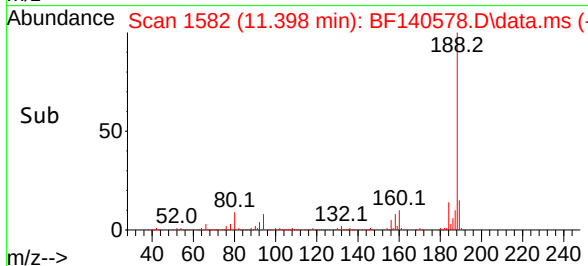
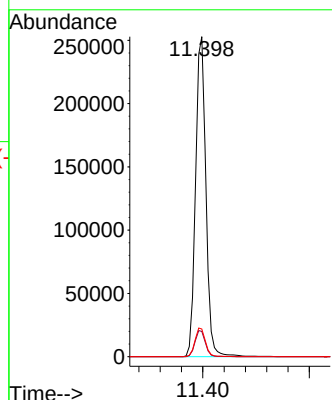
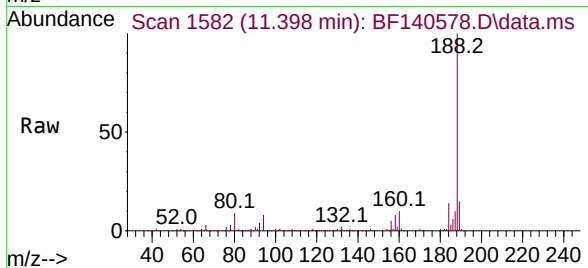
Tgt Ion:188 Resp: 340852

Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.6 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140578.D

Acq: 22 Nov 2024 15:32

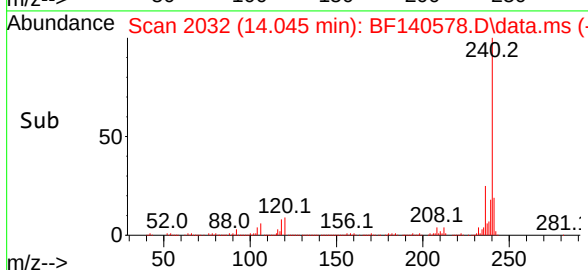
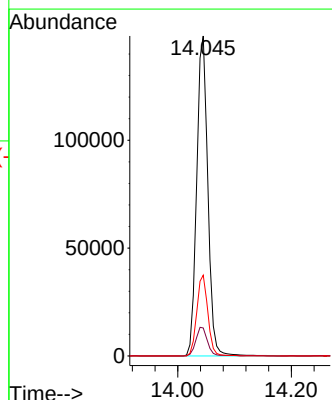
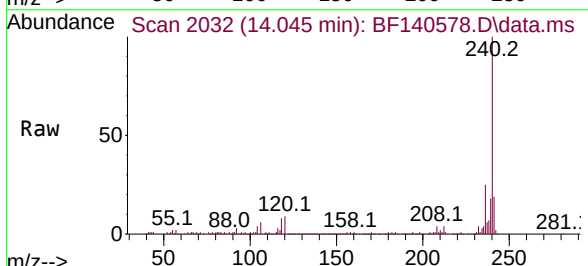
Tgt Ion:240 Resp: 203007

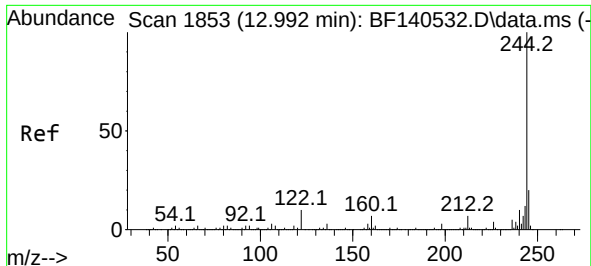
Ion Ratio Lower Upper

240 100

120 8.7 7.3 10.9

236 25.3 20.6 31.0

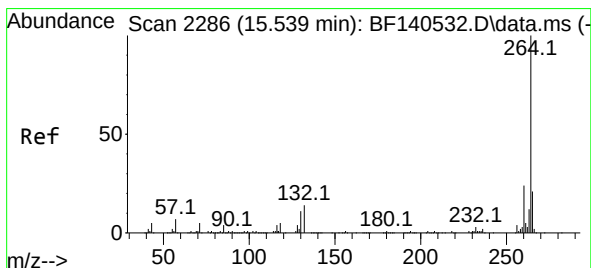
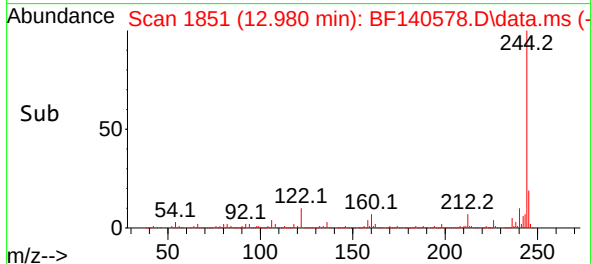
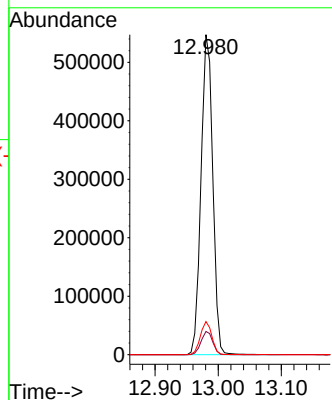
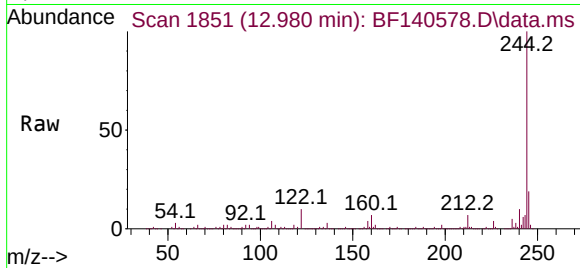




#79
 Terphenyl-d14
 Concen: 54.143 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF140578.D
 Acq: 22 Nov 2024 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-007

Tgt Ion:244 Resp: 705882
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.4 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF140578.D
 Acq: 22 Nov 2024 15:32

Tgt Ion:264 Resp: 190451
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.2 16.6 25.0

