

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142079.D
 Acq On : 25 Mar 2025 15:41
 Operator : RC/JU
 Sample : Q1619-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Mar 25 16:22:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	152996	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	579103	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	315033	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	521951	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	291669	20.000	ng	0.00
86) Perylene-d12	15.504	264	288398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1298738	141.673	ng	0.01
7) Phenol-d6	6.504	99	1561241	133.762	ng	0.00
23) Nitrobenzene-d5	7.434	82	1065590	103.552	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	688374	172.239	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2152811	103.926	ng	-0.01
79) Terphenyl-d14	12.980	244	2322592	117.731	ng	0.00

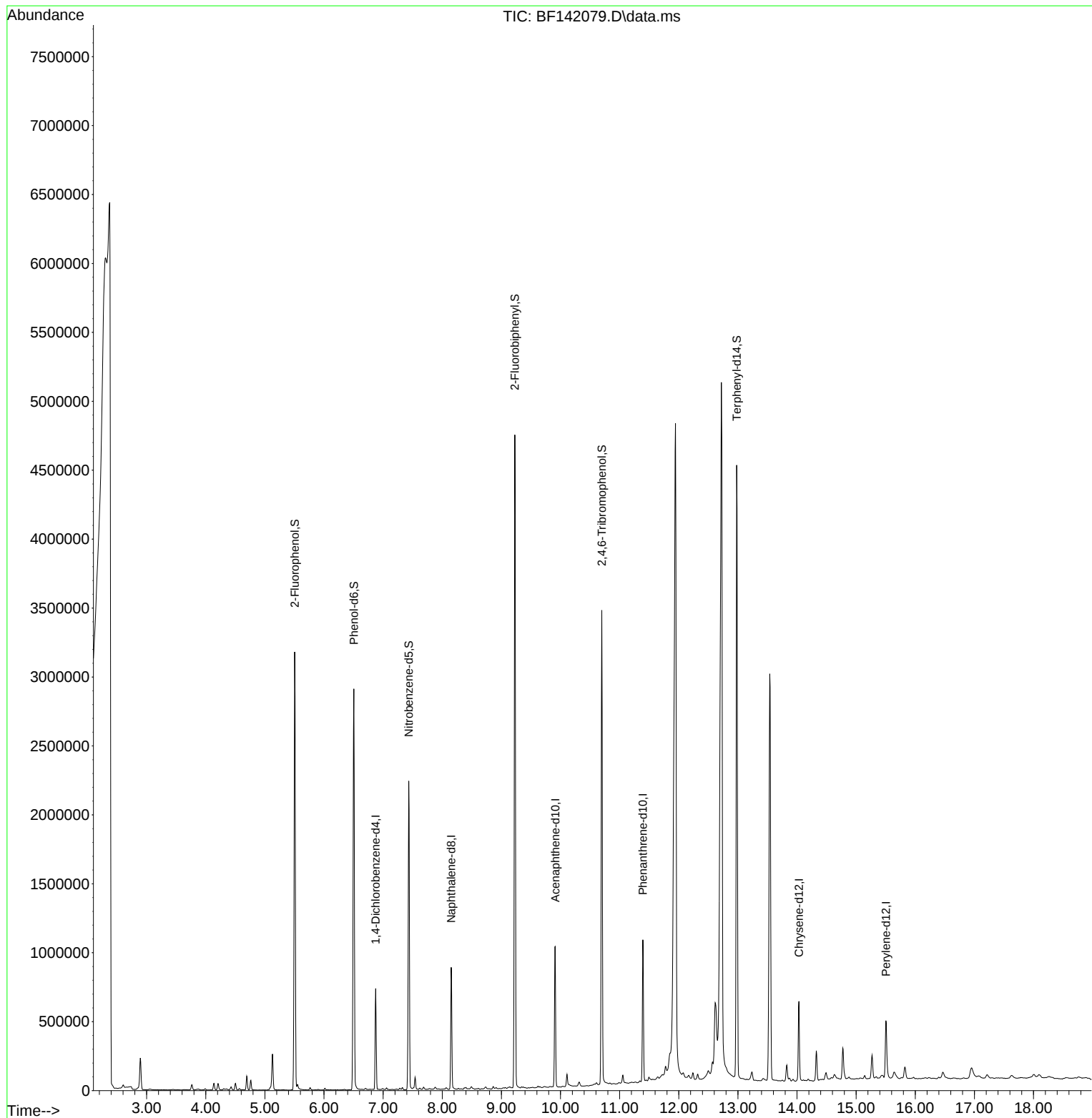
Target Compounds	Qvalue

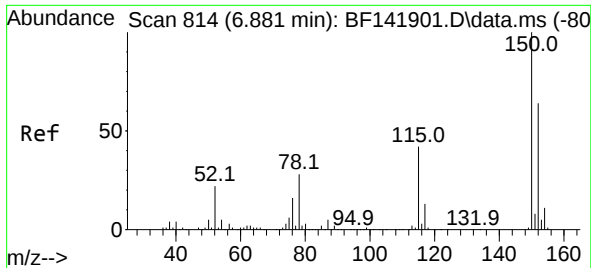
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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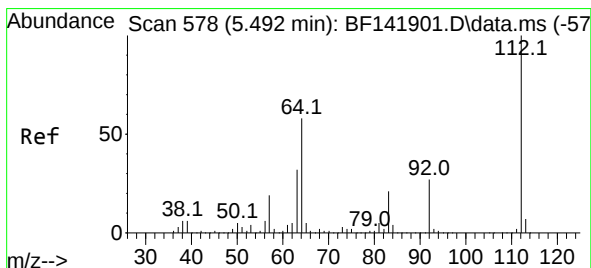
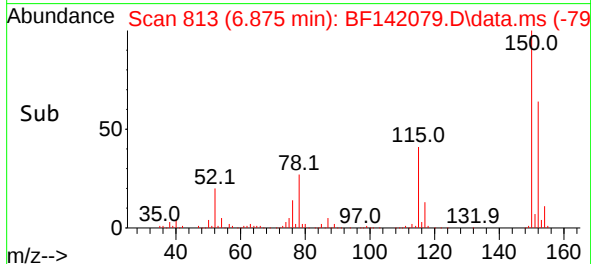
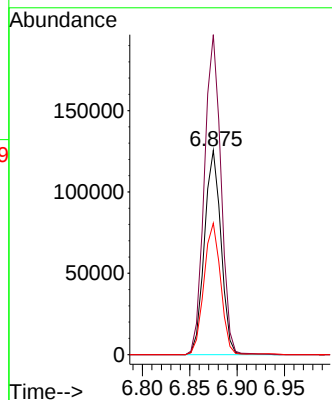
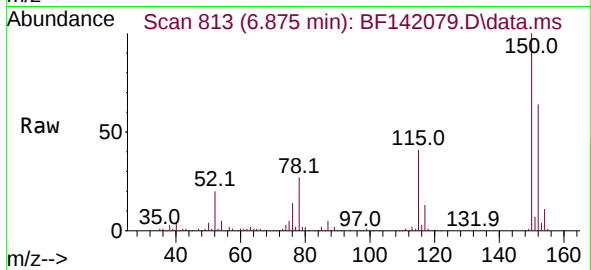




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

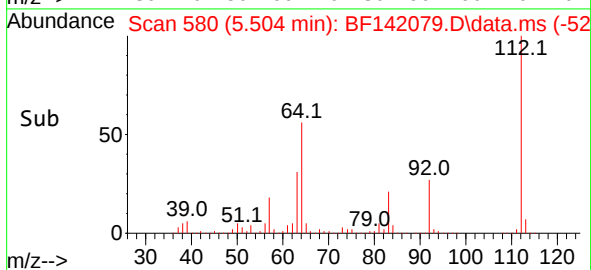
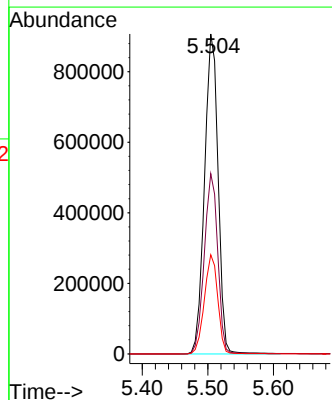
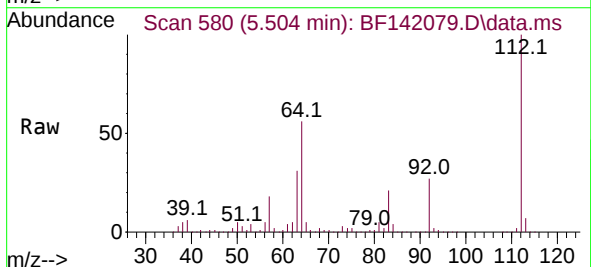
Instrument :
BNA_F
ClientSampleId :
TP-1

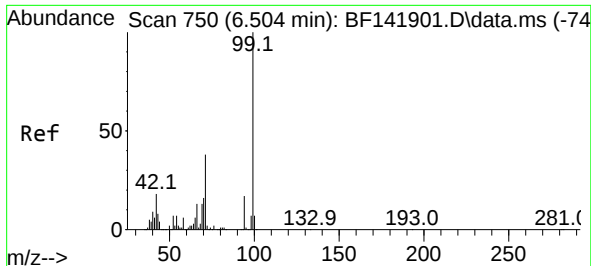
Tgt Ion:152 Resp: 152996
Ion Ratio Lower Upper
152 100
150 156.6 127.4 191.2
115 64.3 51.9 77.9



#5
2-Fluorophenol
Concen: 141.673 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

Tgt Ion:112 Resp: 1298738
Ion Ratio Lower Upper
112 100
64 56.3 46.5 69.7
63 31.0 25.4 38.2



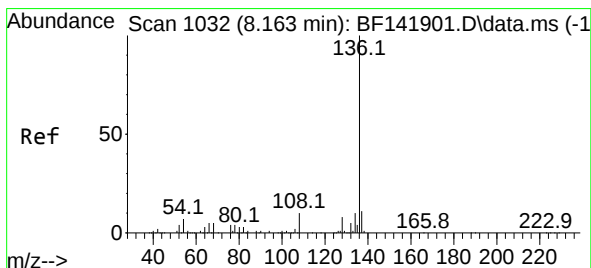
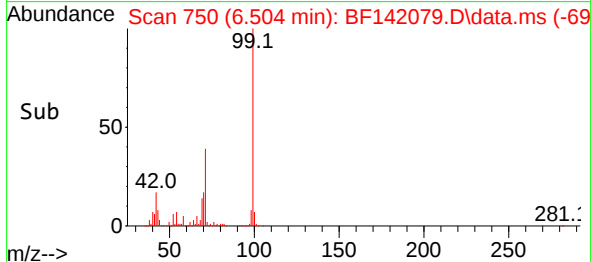
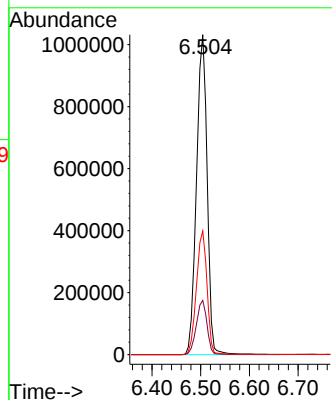
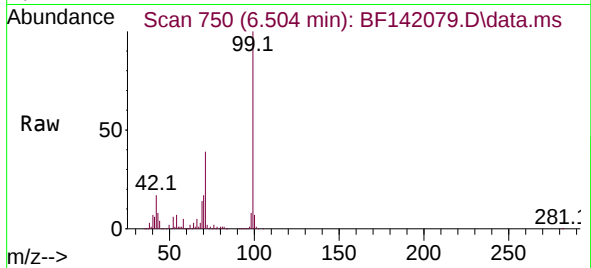


#7
Phenol-d6
Concen: 133.762 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 1561241

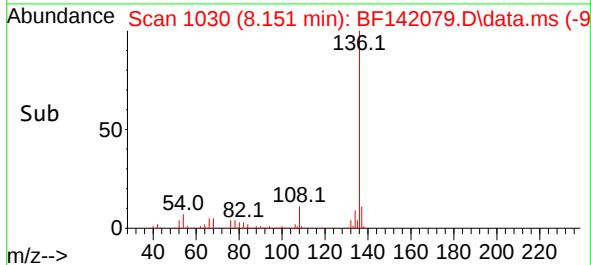
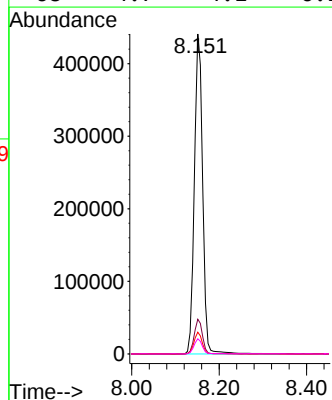
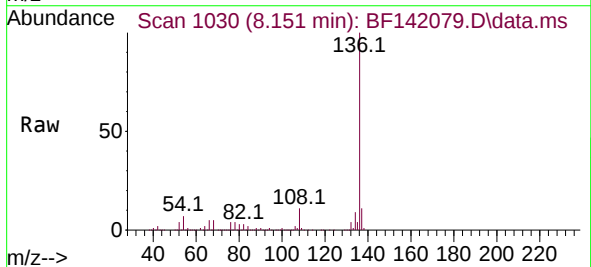
Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.6	21.8
71	38.6	30.8	46.2

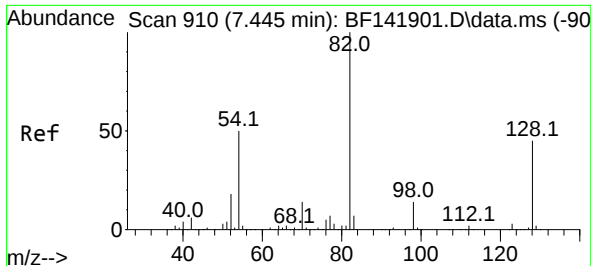


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

Tgt Ion:136 Resp: 579103

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.8	5.8	8.8
68	4.7	4.1	6.1

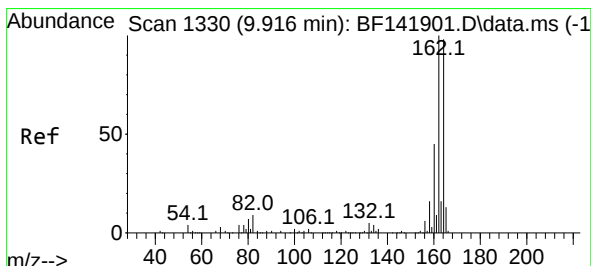
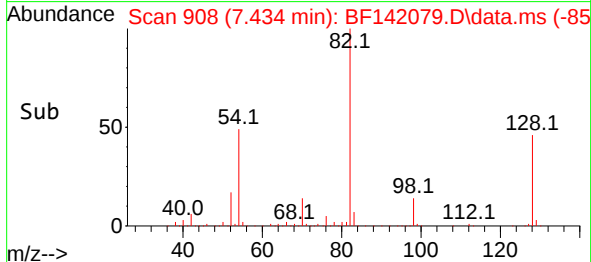
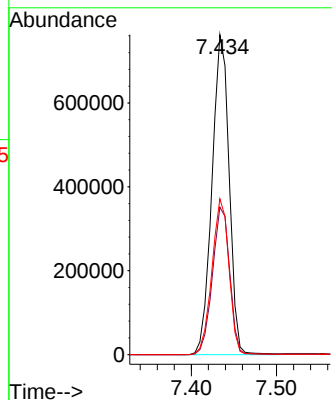
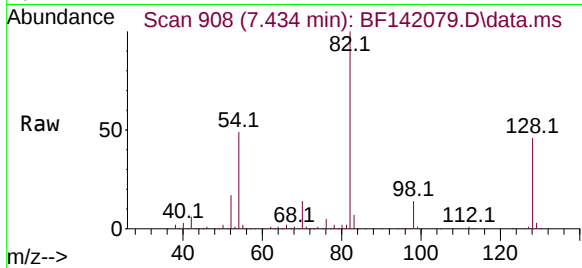




#23
Nitrobenzene-d5
Concen: 103.552 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

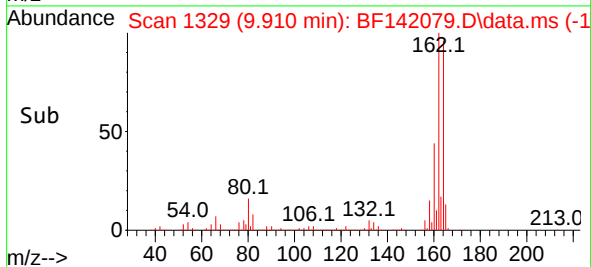
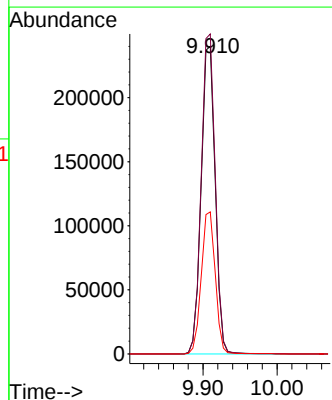
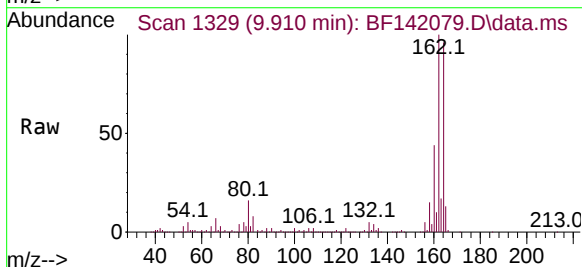
Instrument :
BNA_F
ClientSampleId :
TP-1

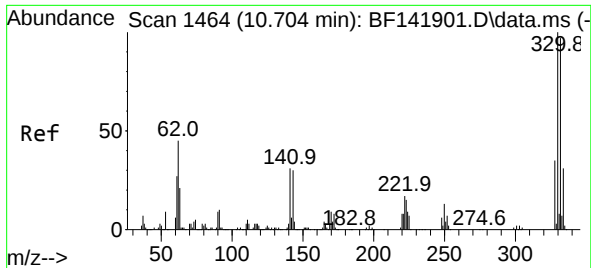
Tgt Ion: 82 Resp: 1065590
Ion Ratio Lower Upper
82 100
128 46.1 36.0 54.0
54 48.7 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

Tgt Ion:164 Resp: 315033
Ion Ratio Lower Upper
164 100
162 104.1 81.8 122.6
160 46.2 36.7 55.1

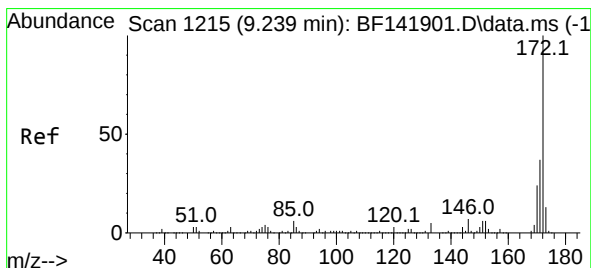
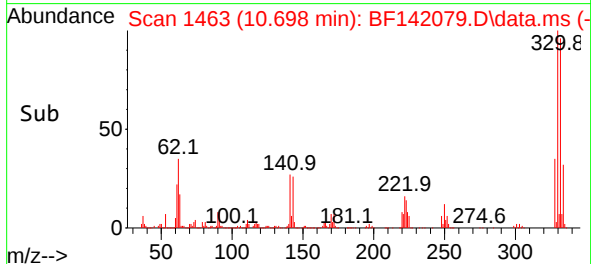
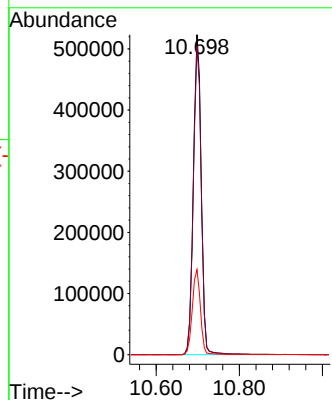
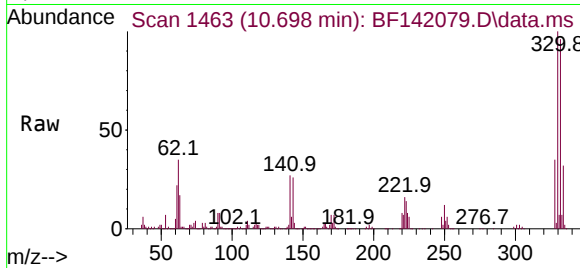




#42
2,4,6-Tribromophenol
Concen: 172.239 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

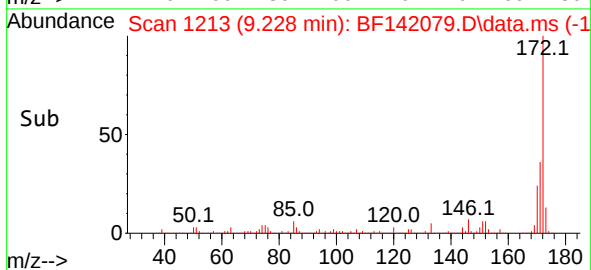
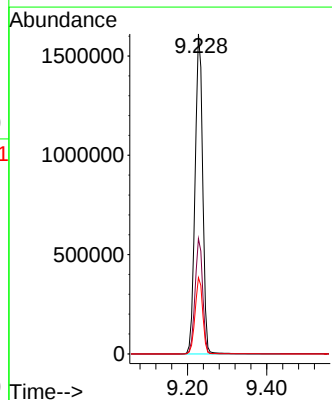
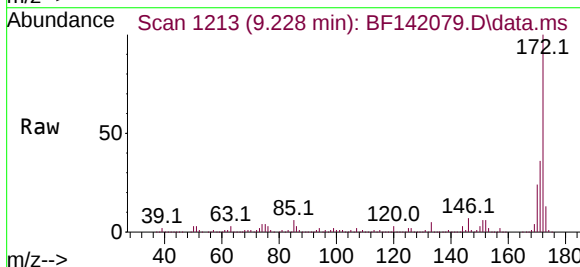
Instrument :
BNA_F
ClientSampleId :
TP-1

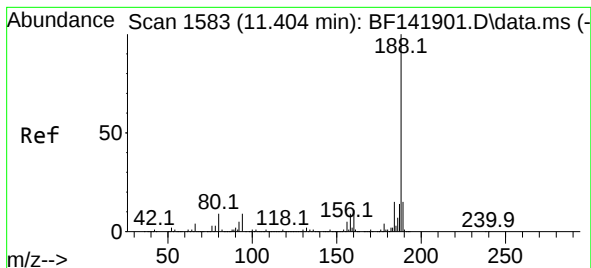
Tgt Ion:330 Resp: 688374
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 27.5 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 103.926 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

Tgt Ion:172 Resp: 2152811
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 23.8 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142079.D

Acq: 25 Mar 2025 15:41

Instrument :

BNA_F

ClientSampleId :

TP-1

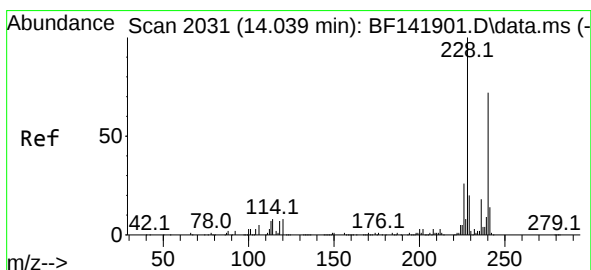
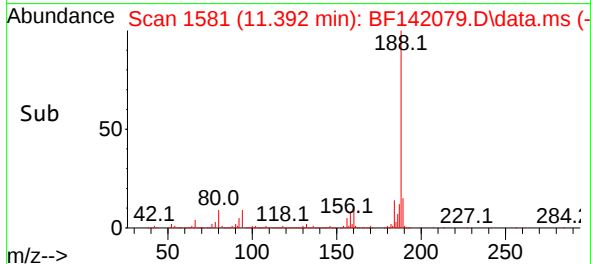
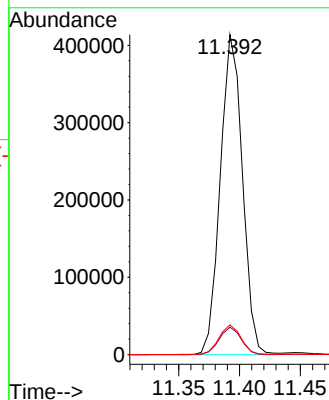
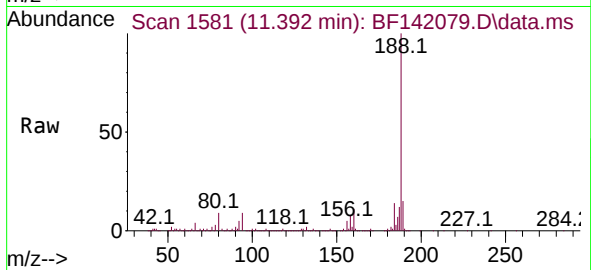
Tgt Ion:188 Resp: 521951

Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

80 9.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF142079.D

Acq: 25 Mar 2025 15:41

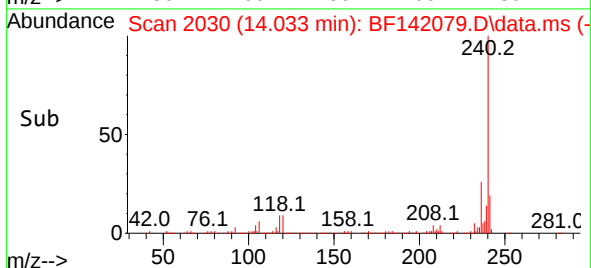
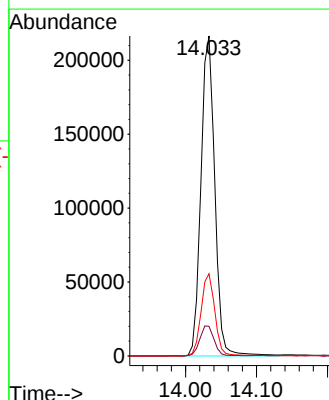
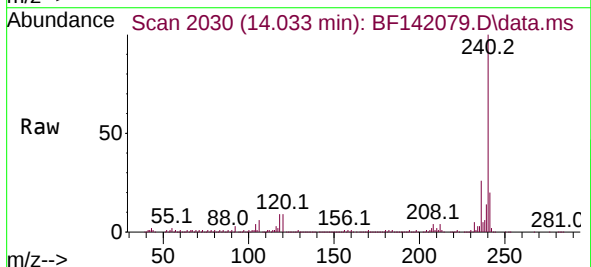
Tgt Ion:240 Resp: 291669

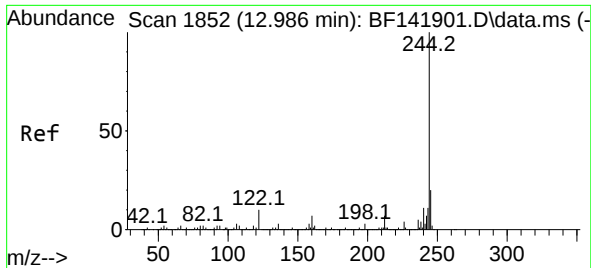
Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

236 25.7 20.5 30.7

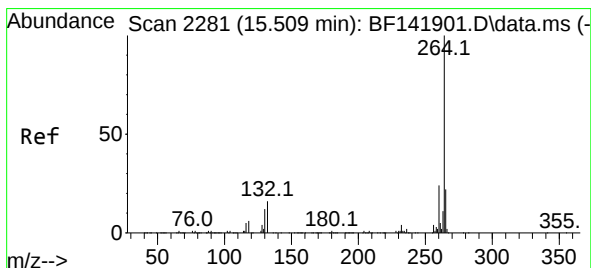
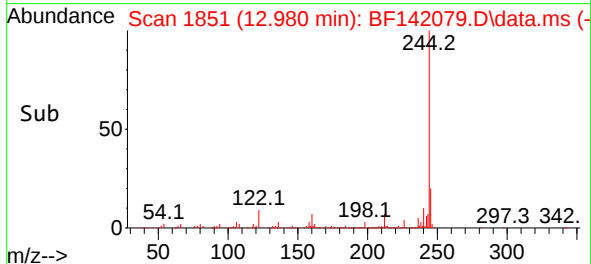
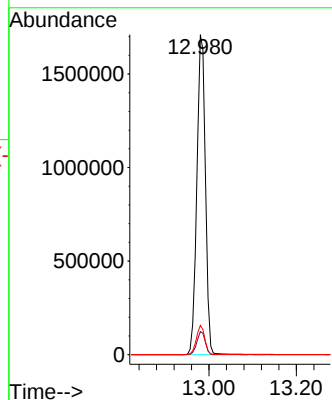
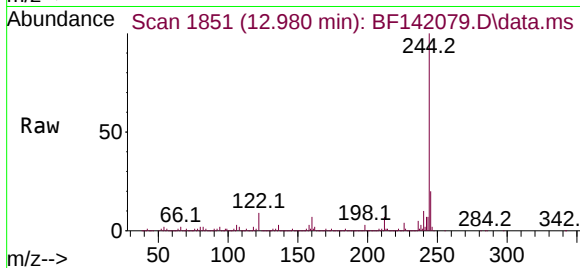




#79
 Terphenyl-d14
 Concen: 117.731 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF142079.D
 Acq: 25 Mar 2025 15:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 2322592
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.1 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF142079.D
 Acq: 25 Mar 2025 15:41

Tgt Ion:264 Resp: 288398
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.8 17.5 26.3

