

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142028.D
 Acq On : 21 Mar 2025 14:22
 Operator : RC/JU
 Sample : Q1619-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Mar 21 14:42:44 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	140306	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	542413	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	290122	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	455808	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	249792	20.000	ng	0.00
86) Perylene-d12	15.504	264	280486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	779021	92.666	ng	0.00
7) Phenol-d6	6.498	99	996151	93.066	ng	0.00
23) Nitrobenzene-d5	7.434	82	568500	58.982	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	294913	80.127	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1115556	58.477	ng	-0.01
79) Terphenyl-d14	12.980	244	1067947	63.209	ng	0.00

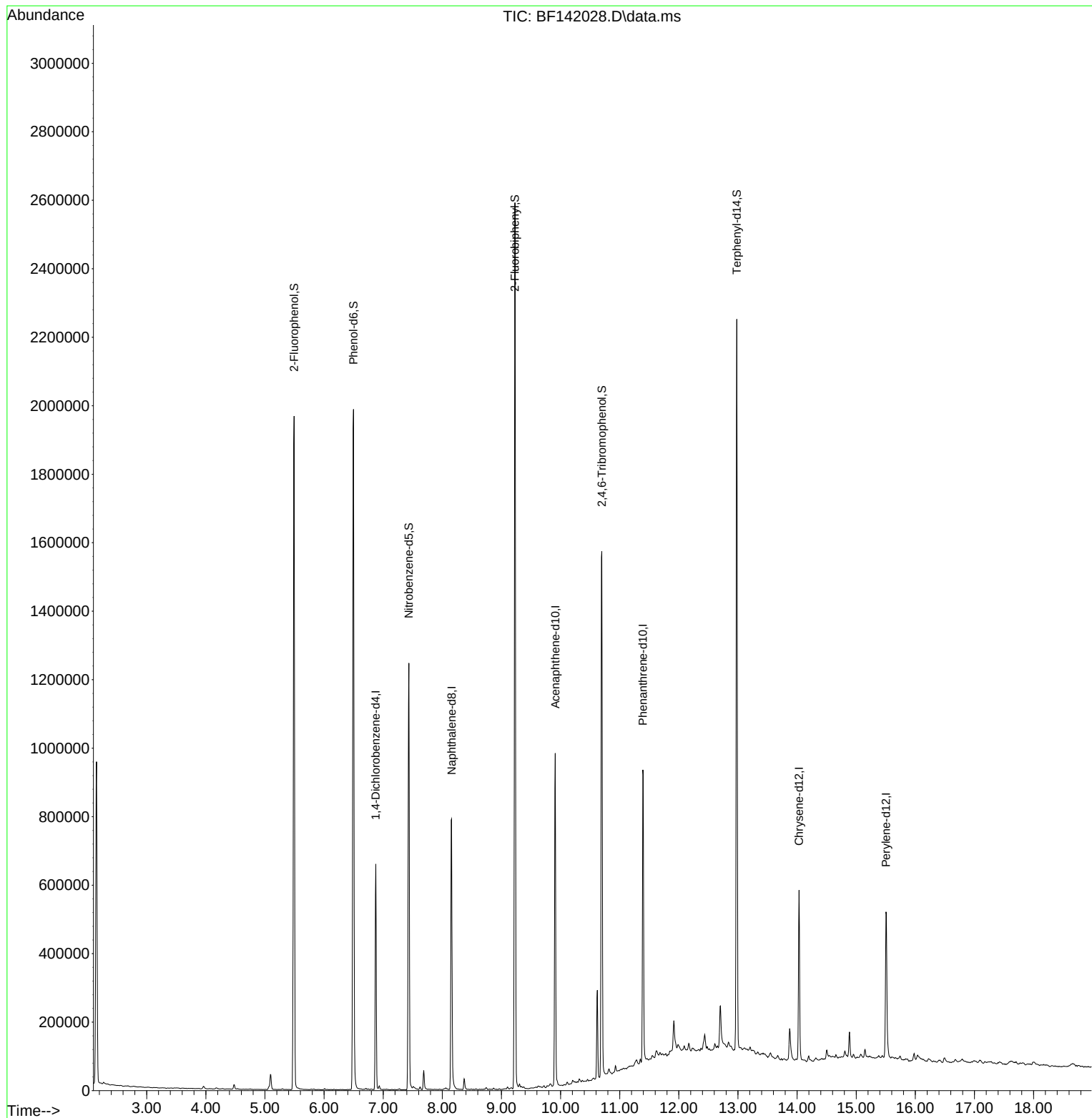
Target Compounds	Qvalue

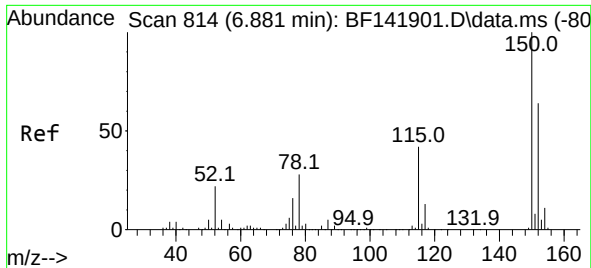
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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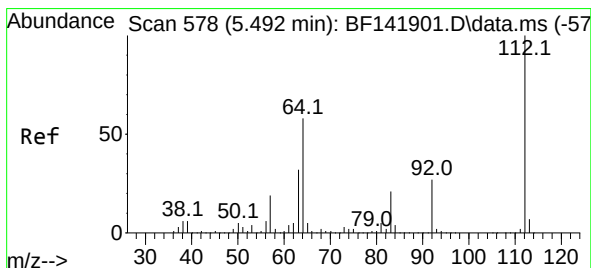
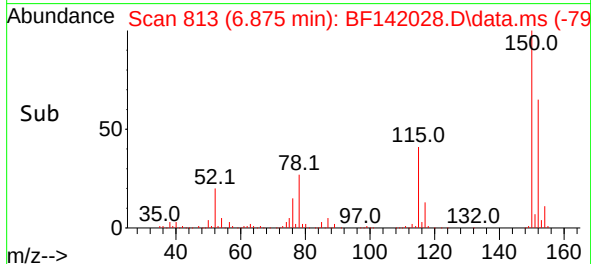
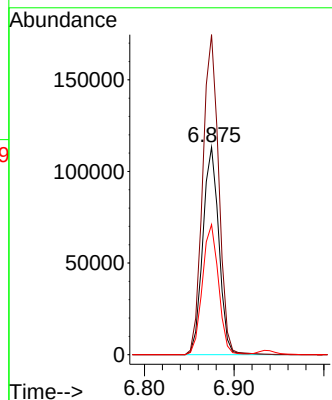
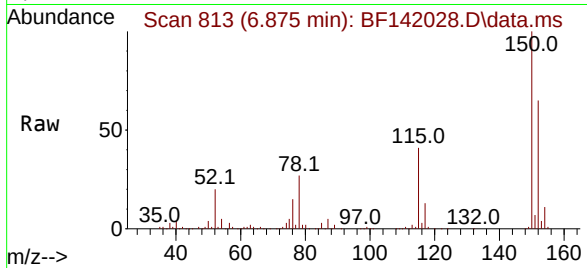




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF142028.D
 Acq: 21 Mar 2025 14:22

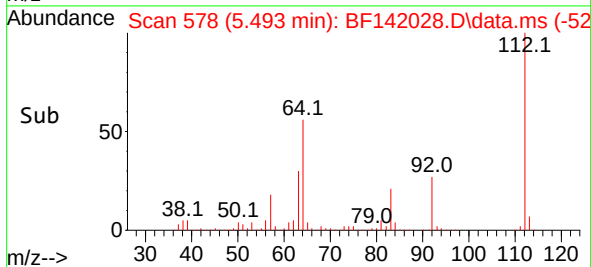
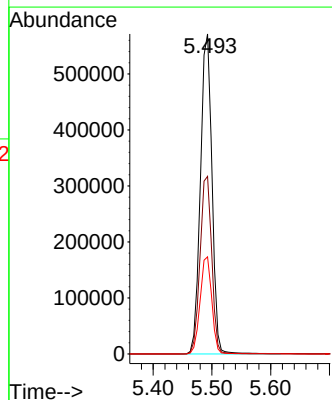
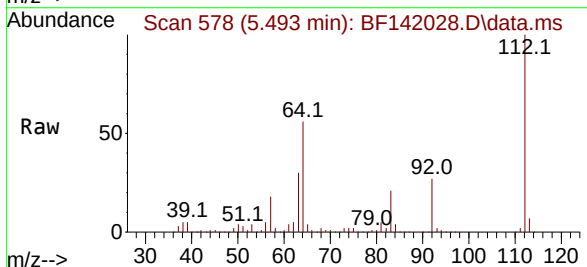
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

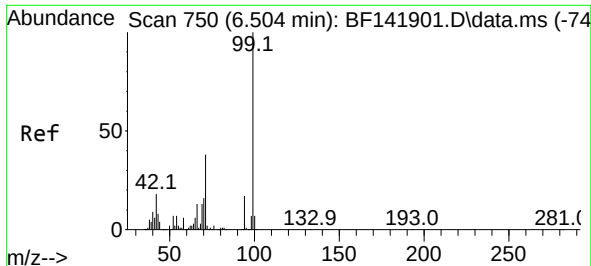
Tgt Ion:152 Resp: 140306
 Ion Ratio Lower Upper
 152 100
 150 154.2 127.4 191.2
 115 62.7 51.9 77.9



#5
 2-Fluorophenol
 Concen: 92.666 ng
 RT: 5.493 min Scan# 578
 Delta R.T. 0.000 min
 Lab File: BF142028.D
 Acq: 21 Mar 2025 14:22

Tgt Ion:112 Resp: 779021
 Ion Ratio Lower Upper
 112 100
 64 55.5 46.5 69.7
 63 30.3 25.4 38.2





#7
Phenol-d6
Concen: 93.066 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142028.D
Acq: 21 Mar 2025 14:22

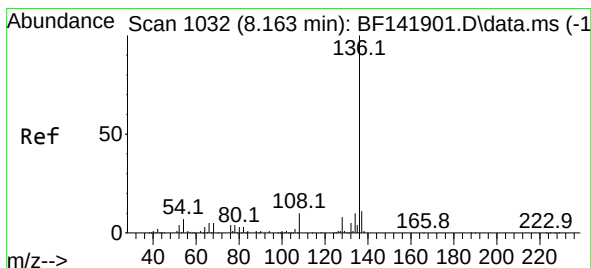
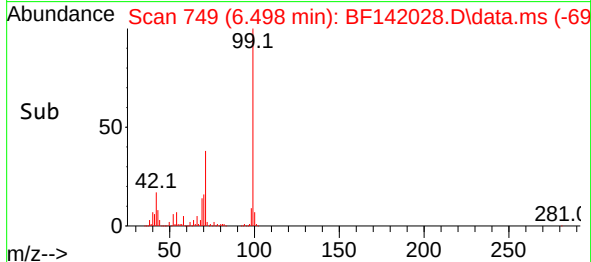
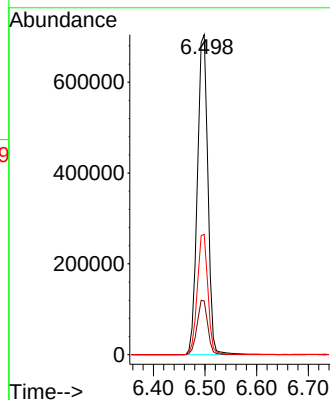
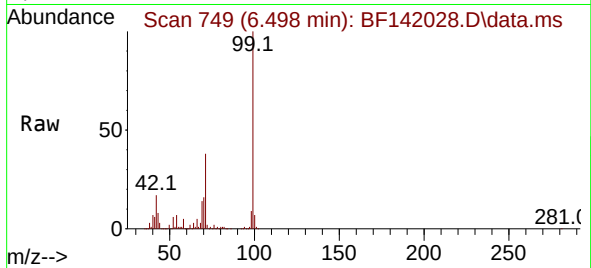
Instrument :

BNA_F

ClientSampleId :

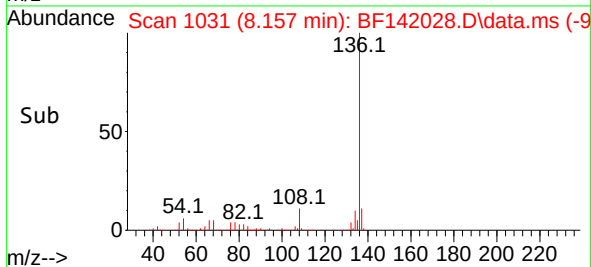
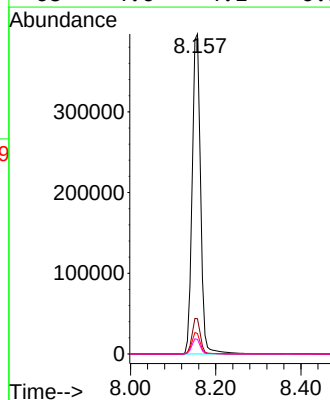
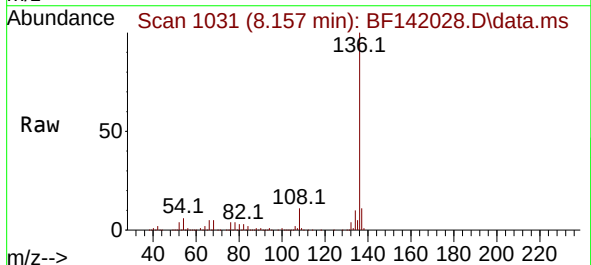
TP-2

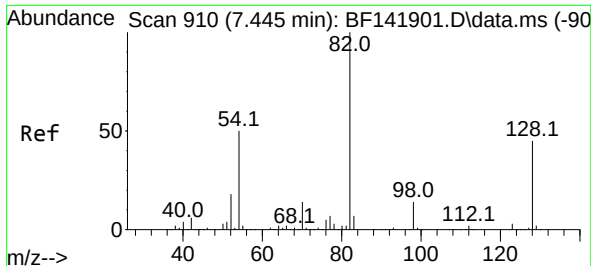
Tgt Ion: 99 Resp: 996151
Ion Ratio Lower Upper
99 100
42 16.8 14.6 21.8
71 37.6 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142028.D
Acq: 21 Mar 2025 14:22

Tgt Ion:136 Resp: 542413
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.4 5.8 8.8
68 4.6 4.1 6.1

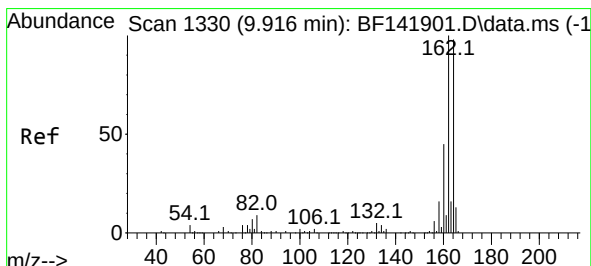
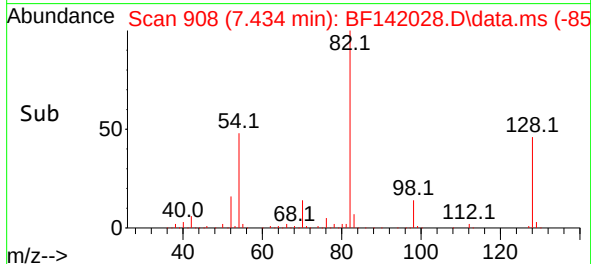
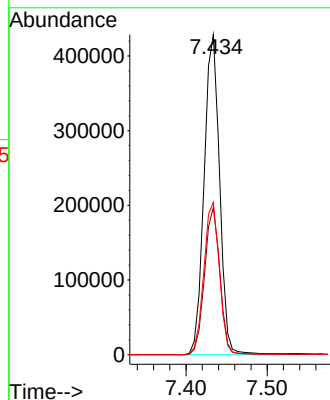
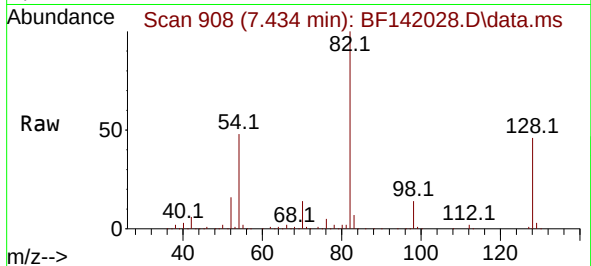




#23
Nitrobenzene-d5
Concen: 58.982 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF142028.D
Acq: 21 Mar 2025 14:22

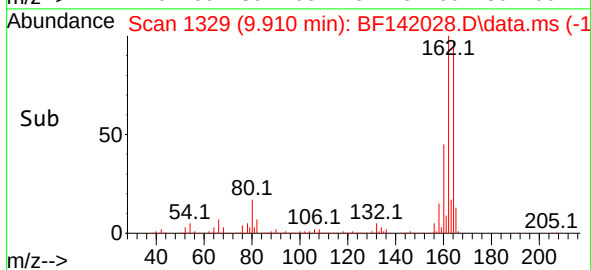
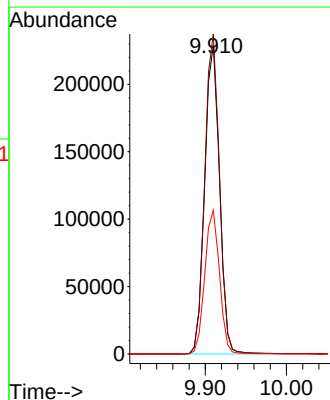
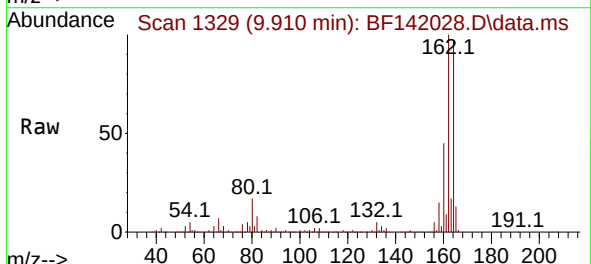
Instrument :
BNA_F
ClientSampleId :
TP-2

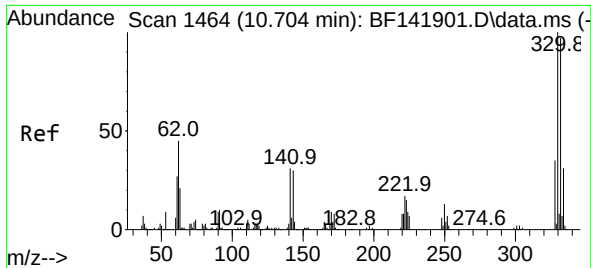
Tgt Ion: 82 Resp: 568500
Ion Ratio Lower Upper
82 100
128 45.9 36.0 54.0
54 47.6 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142028.D
Acq: 21 Mar 2025 14:22

Tgt Ion: 164 Resp: 290122
Ion Ratio Lower Upper
164 100
162 103.5 81.8 122.6
160 46.4 36.7 55.1

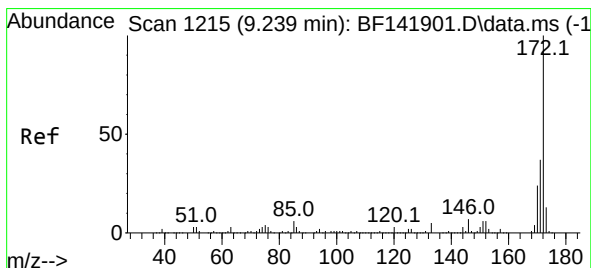
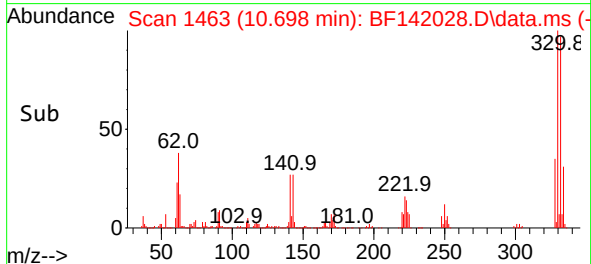
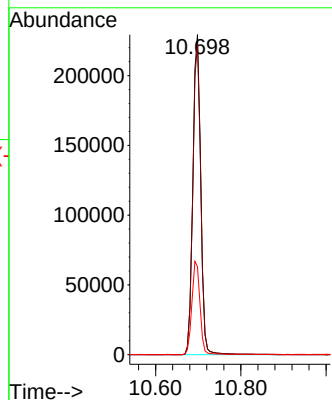
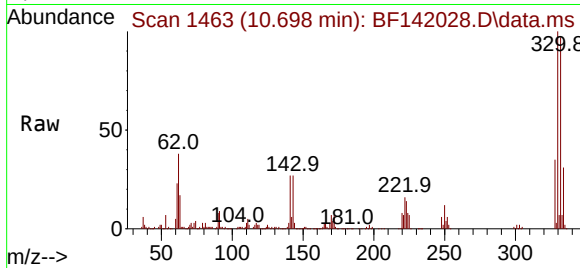




#42
 2,4,6-Tribromophenol
 Concen: 80.127 ng
 RT: 10.698 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: BF142028.D
 Acq: 21 Mar 2025 14:22

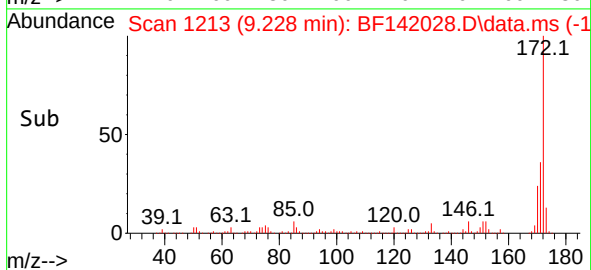
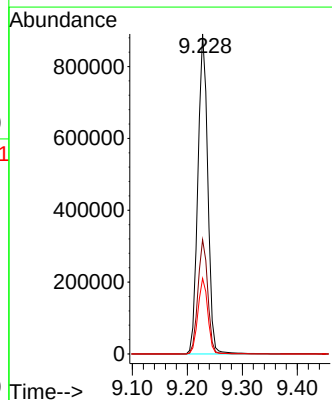
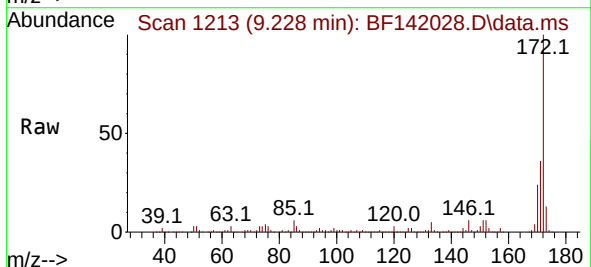
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

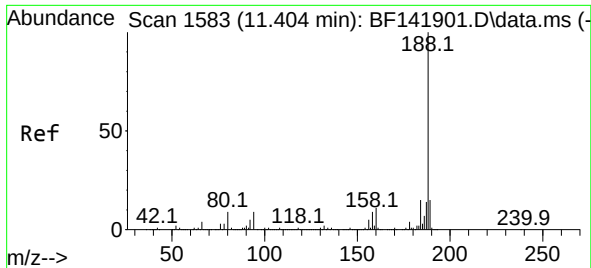
Tgt Ion:330 Resp: 294913
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.6 116.4
 141 30.1 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 58.477 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.012 min
 Lab File: BF142028.D
 Acq: 21 Mar 2025 14:22

Tgt Ion:172 Resp: 1115556
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.3 43.9
 170 23.6 19.4 29.0

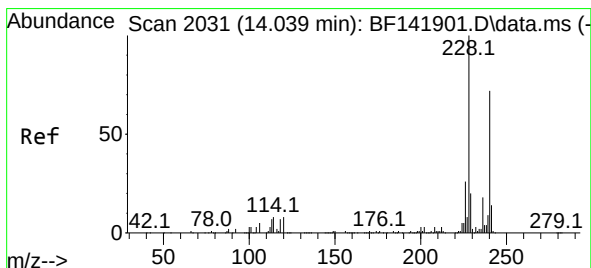
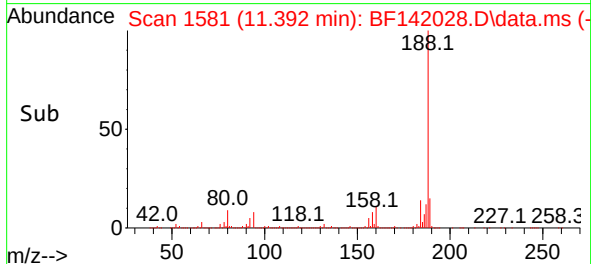
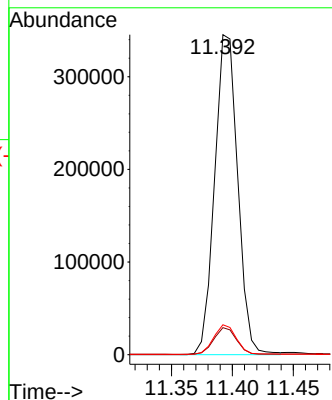
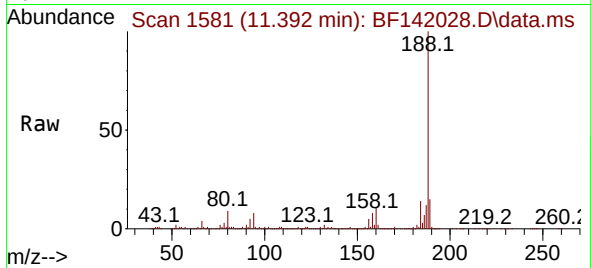




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142028.D
Acq: 21 Mar 2025 14:22

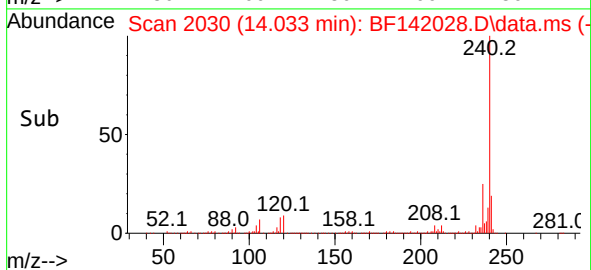
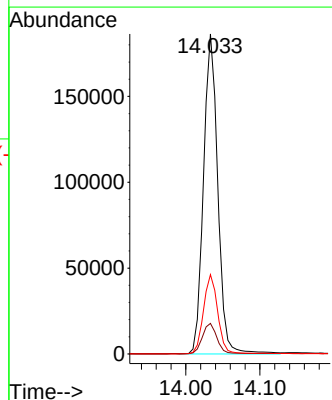
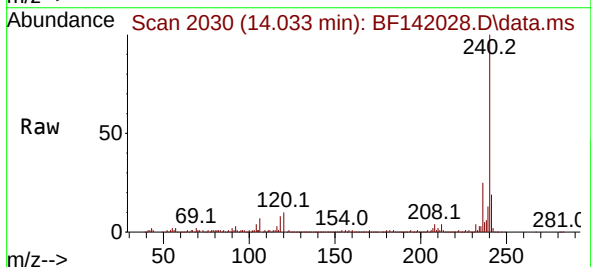
Instrument :
BNA_F
ClientSampleId :
TP-2

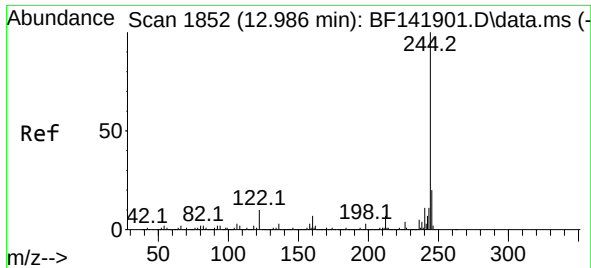
Tgt Ion:188 Resp: 455808
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.4 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142028.D
Acq: 21 Mar 2025 14:22

Tgt Ion:240 Resp: 249792
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 24.8 20.5 30.7

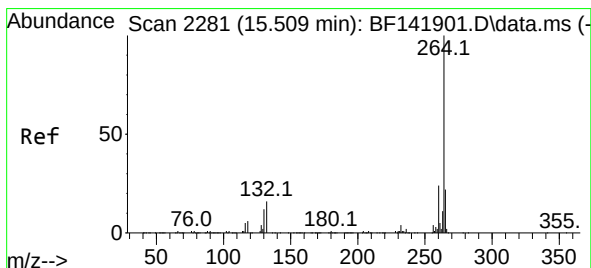
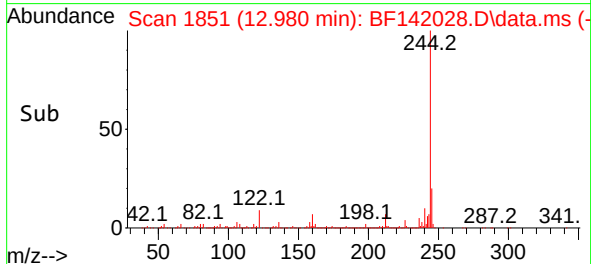
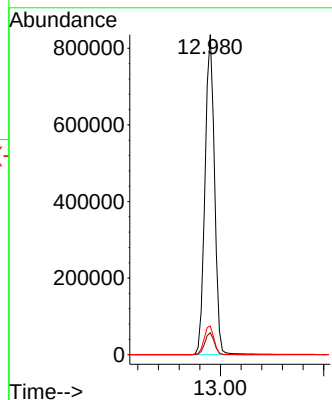
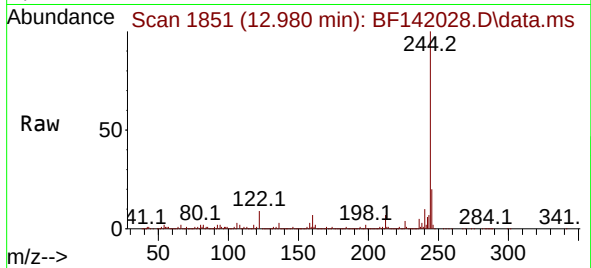




#79
 Terphenyl-d14
 Concen: 63.209 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF142028.D
 Acq: 21 Mar 2025 14:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 1067947
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 9.0 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: BF142028.D
 Acq: 21 Mar 2025 14:22

Tgt Ion:264 Resp: 280486
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.5 17.5 26.3

