

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142122.D
 Acq On : 27 Mar 2025 13:08
 Operator : RC/JU
 Sample : Q1635-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Mar 27 14:01:57 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	99918	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	389416	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	217665	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	389040	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	327724	20.000	ng	0.00
86) Perylene-d12	15.510	264	291912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	885882	147.971	ng	0.00
7) Phenol-d6	6.498	99	1052139	138.029	ng	0.00
23) Nitrobenzene-d5	7.434	82	724259	104.665	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	494484	179.072	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1455849	101.719	ng	-0.01
79) Terphenyl-d14	12.980	244	2047691	92.377	ng	0.00

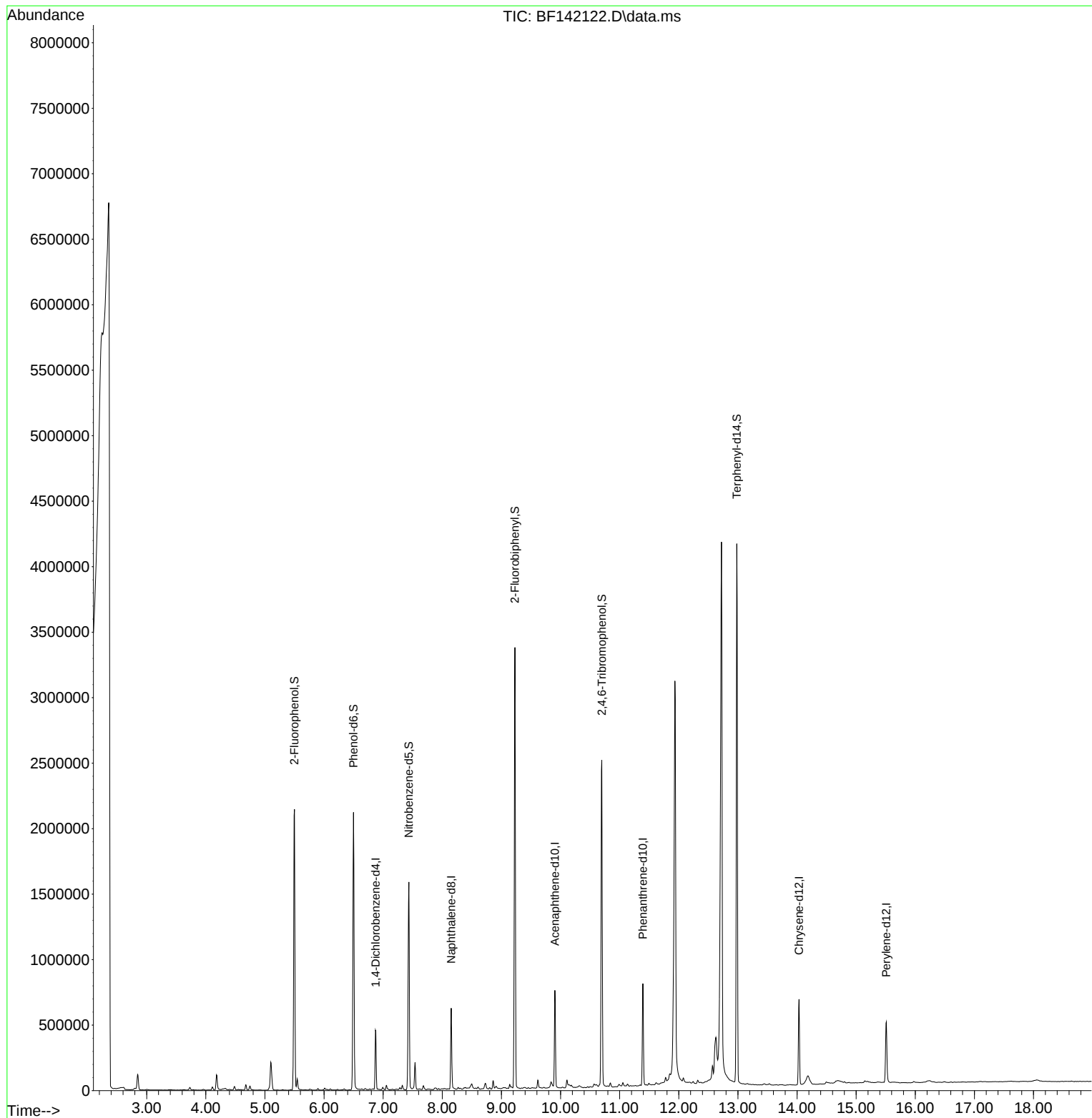
Target Compounds	Qvalue

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

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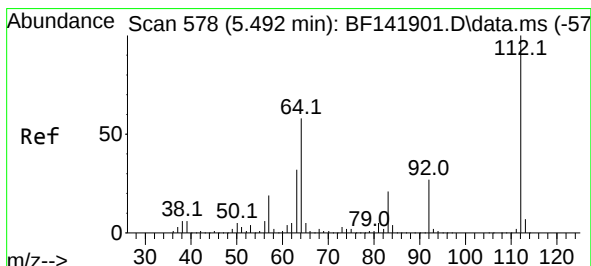
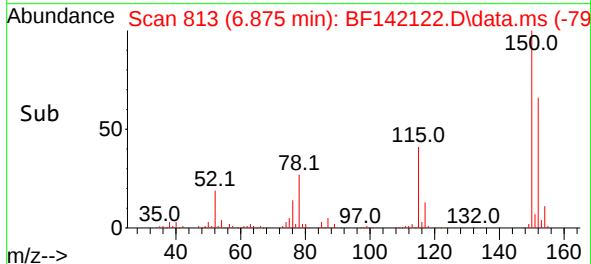
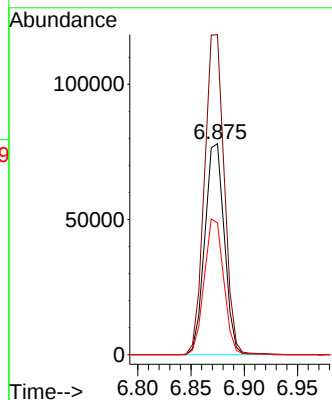
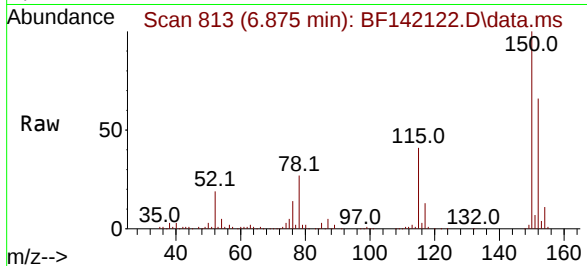




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142122.D
Acq: 27 Mar 2025 13:08

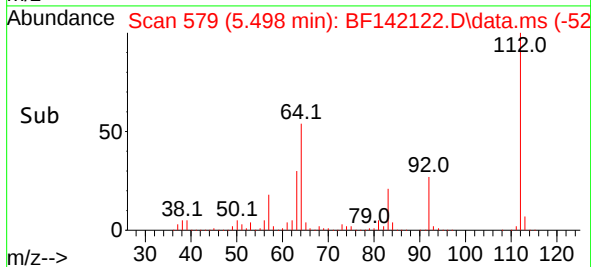
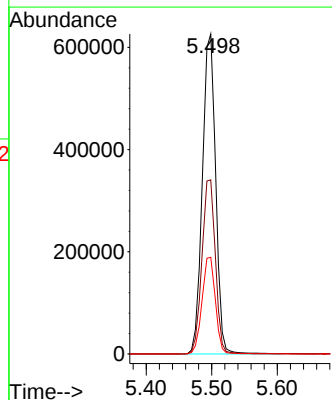
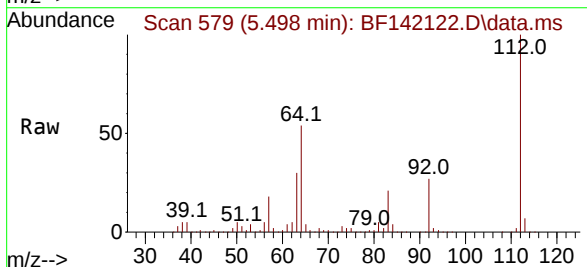
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 99918
Ion Ratio Lower Upper
152 100
150 151.6 127.4 191.2
115 62.5 51.9 77.9



#5
2-Fluorophenol
Concen: 147.971 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142122.D
Acq: 27 Mar 2025 13:08

Tgt Ion:112 Resp: 885882
Ion Ratio Lower Upper
112 100
64 54.4 46.5 69.7
63 30.2 25.4 38.2





#7
Phenol-d6
Concen: 138.029 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142122.D
Acq: 27 Mar 2025 13:08

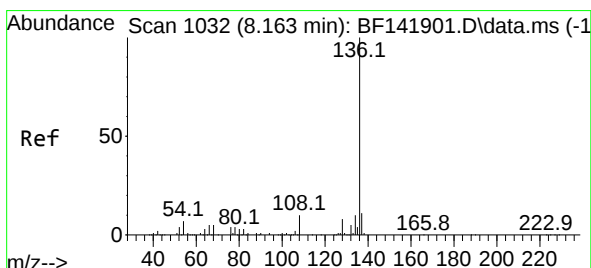
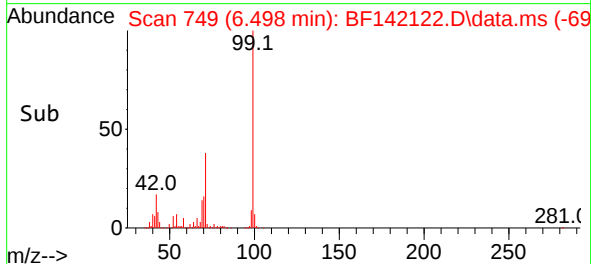
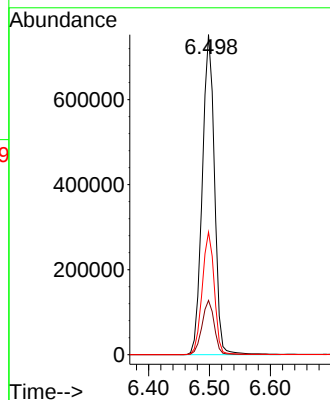
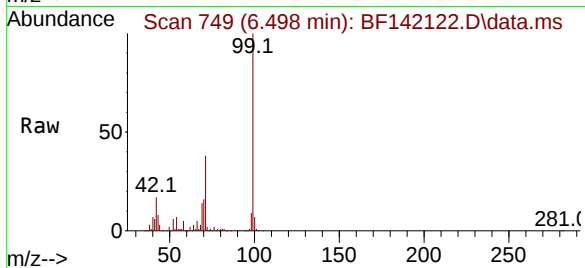
Instrument :

BNA_F

ClientSampleId :

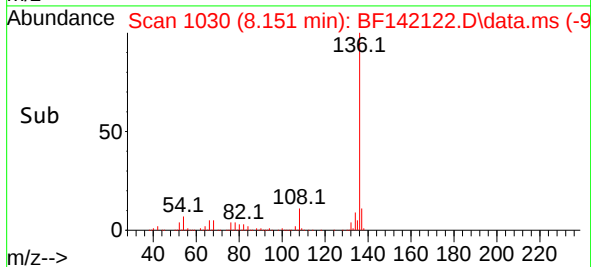
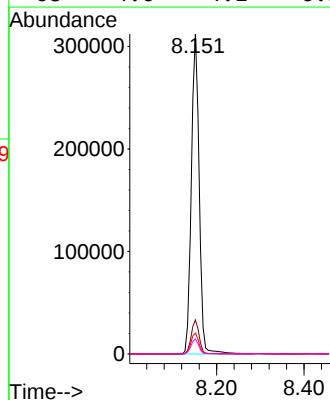
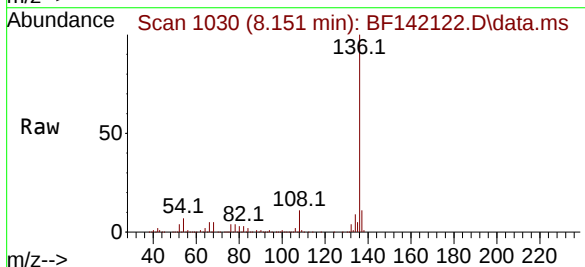
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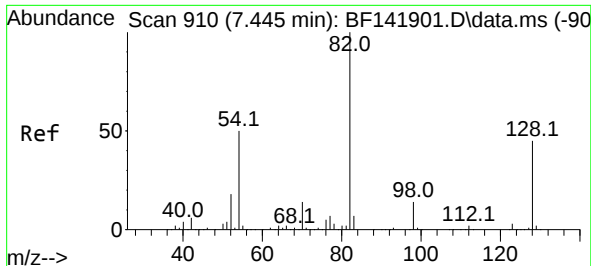
Tgt Ion: 99 Resp: 1052139
Ion Ratio Lower Upper
99 100
42 16.9 14.6 21.8
71 38.3 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142122.D
Acq: 27 Mar 2025 13:08

Tgt Ion:136 Resp: 389416
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.6 5.8 8.8
68 4.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 104.665 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142122.D

Acq: 27 Mar 2025 13:08

Instrument :

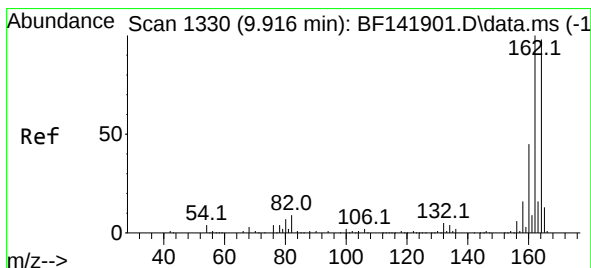
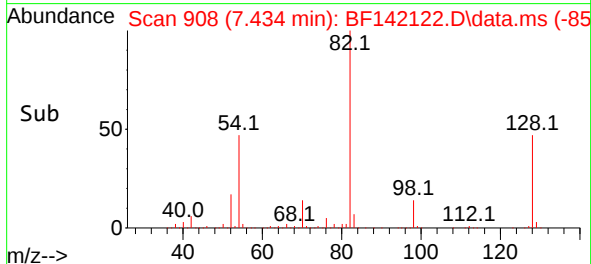
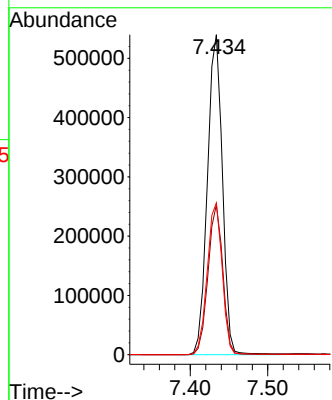
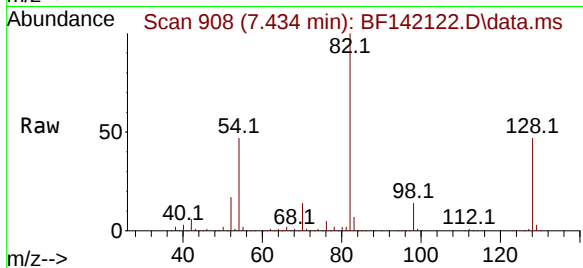
BNA_F

ClientSampleId :

TP-2

Tgt Ion: 82 Resp: 724259

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.0	54.0
54	47.4	39.6	59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

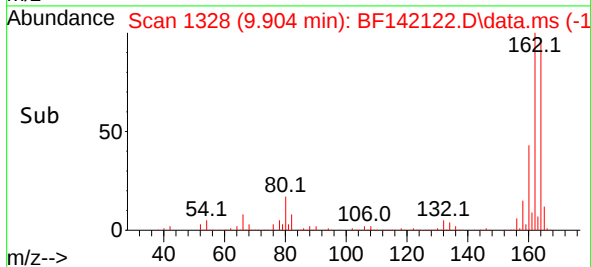
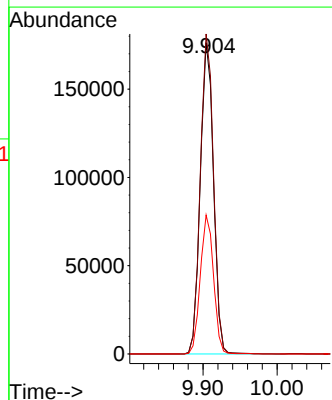
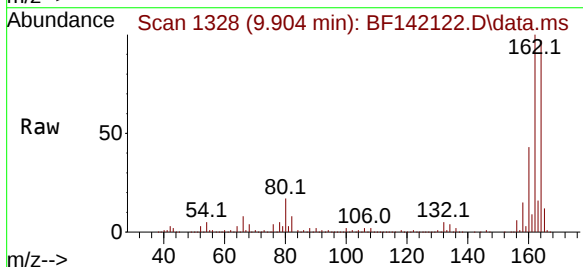
Delta R.T. -0.012 min

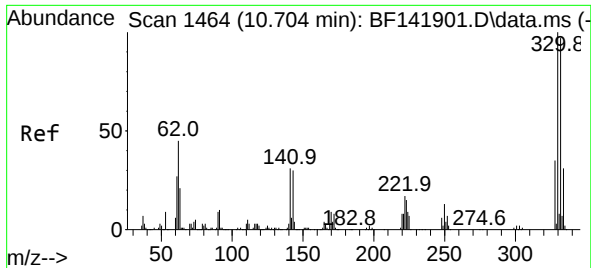
Lab File: BF142122.D

Acq: 27 Mar 2025 13:08

Tgt Ion:164 Resp: 217665

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.8	122.6
160	44.6	36.7	55.1

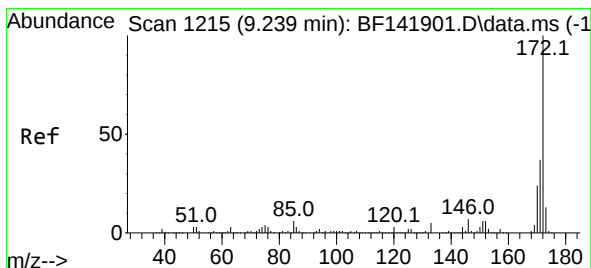
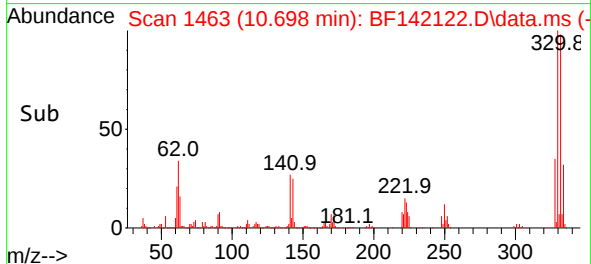
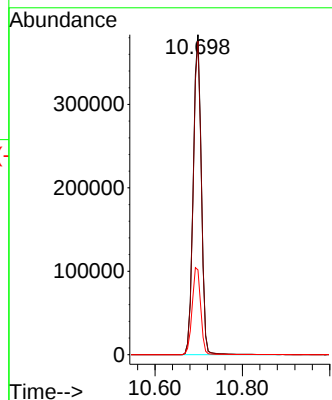
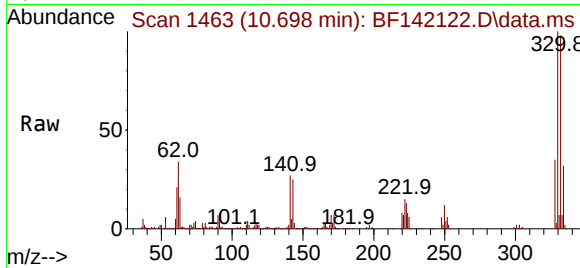




#42
2,4,6-Tribromophenol
Concen: 179.072 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142122.D
Acq: 27 Mar 2025 13:08

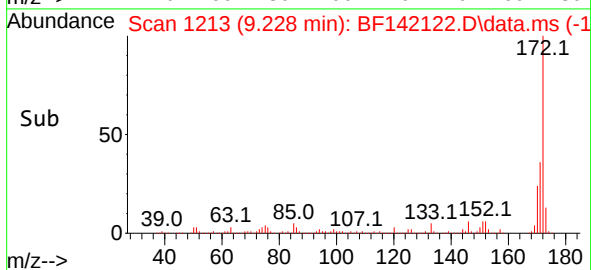
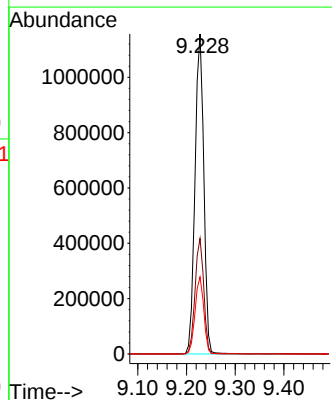
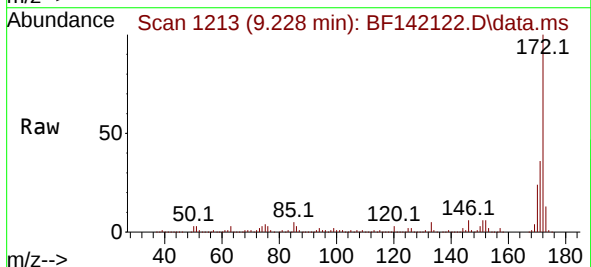
Instrument :
BNA_F
ClientSampleId :
TP-2

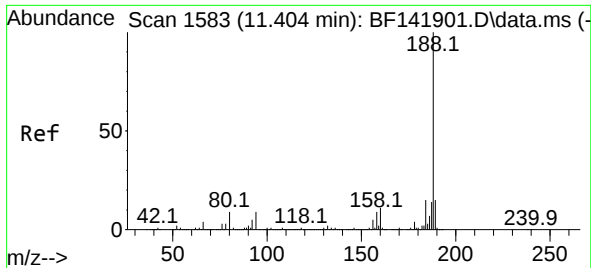
Tgt Ion:330 Resp: 494484
Ion Ratio Lower Upper
330 100
332 97.9 77.6 116.4
141 28.9 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 101.719 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142122.D
Acq: 27 Mar 2025 13:08

Tgt Ion:172 Resp: 1455849
Ion Ratio Lower Upper
172 100
171 36.1 29.3 43.9
170 24.1 19.4 29.0

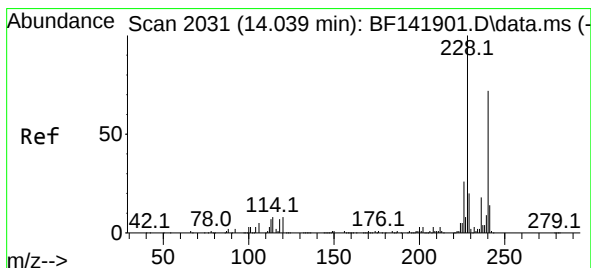
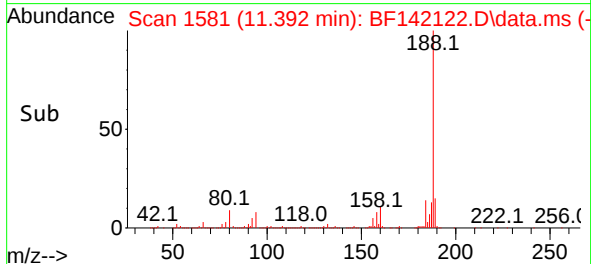
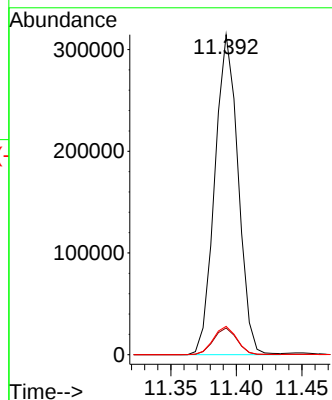
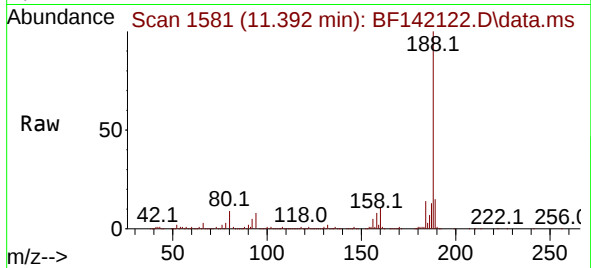




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142122.D
Acq: 27 Mar 2025 13:08

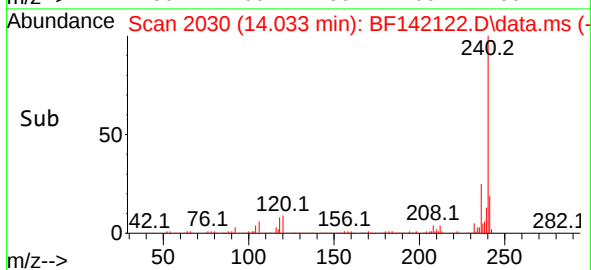
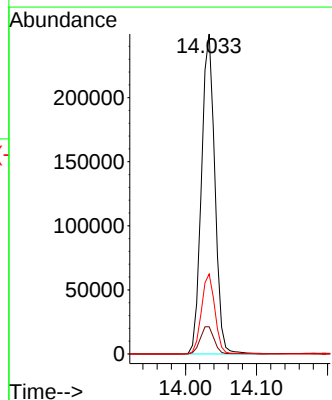
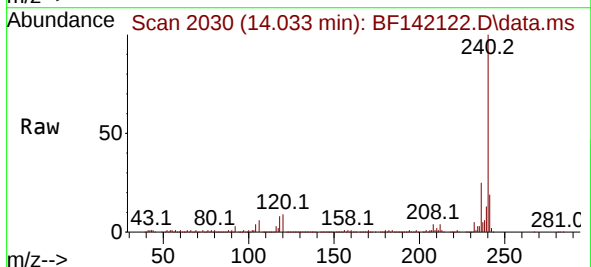
Instrument :
BNA_F
ClientSampleId :
TP-2

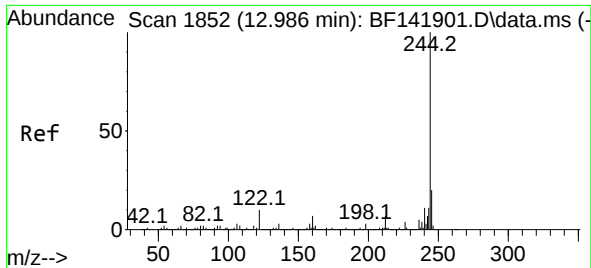
Tgt Ion:188 Resp: 389040
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142122.D
Acq: 27 Mar 2025 13:08

Tgt Ion:240 Resp: 327724
Ion Ratio Lower Upper
240 100
120 8.5 8.4 12.6
236 25.0 20.5 30.7

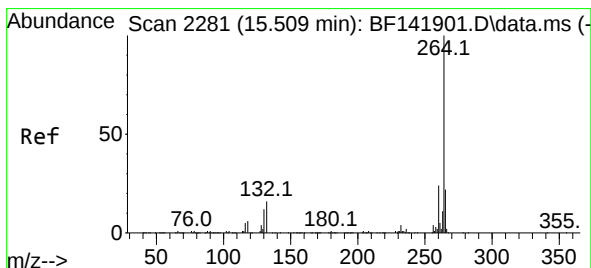
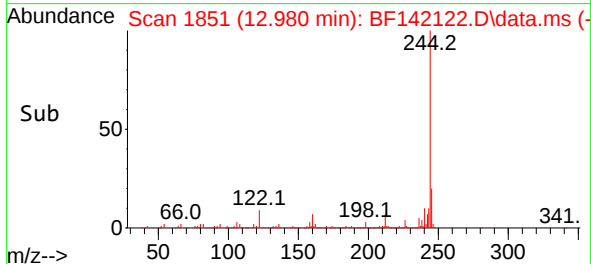
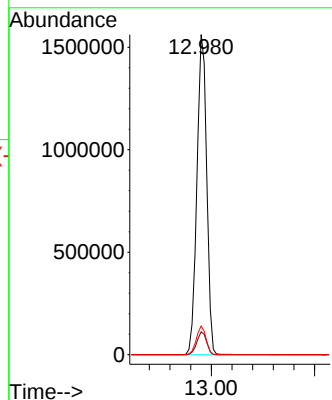
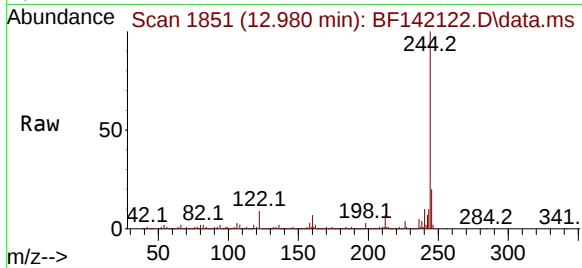




#79
 Terphenyl-d14
 Concen: 92.377 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF142122.D
 Acq: 27 Mar 2025 13:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 2047691
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 8.9 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. 0.000 min
 Lab File: BF142122.D
 Acq: 27 Mar 2025 13:08

Tgt Ion:264 Resp: 291912
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.0 17.5 26.3

