

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141874.D
Acq On : 06 Mar 2025 17:59
Operator : RC/JU
Sample : Q1492-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RHL1PXI

Quant Time: Mar 07 00:18:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	152116	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	583372	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	313503	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	496736	20.000	ng	0.00
76) Chrysene-d12	14.045	240	391345	20.000	ng	0.00
86) Perylene-d12	15.521	264	319431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1119085	117.487	ng	0.00
7) Phenol-d6	6.504	99	1396721	112.658	ng	0.00
23) Nitrobenzene-d5	7.440	82	908150	99.506	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	426706	144.979	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1739161	88.951	ng	0.00
79) Terphenyl-d14	12.992	244	1833470	75.800	ng	0.00

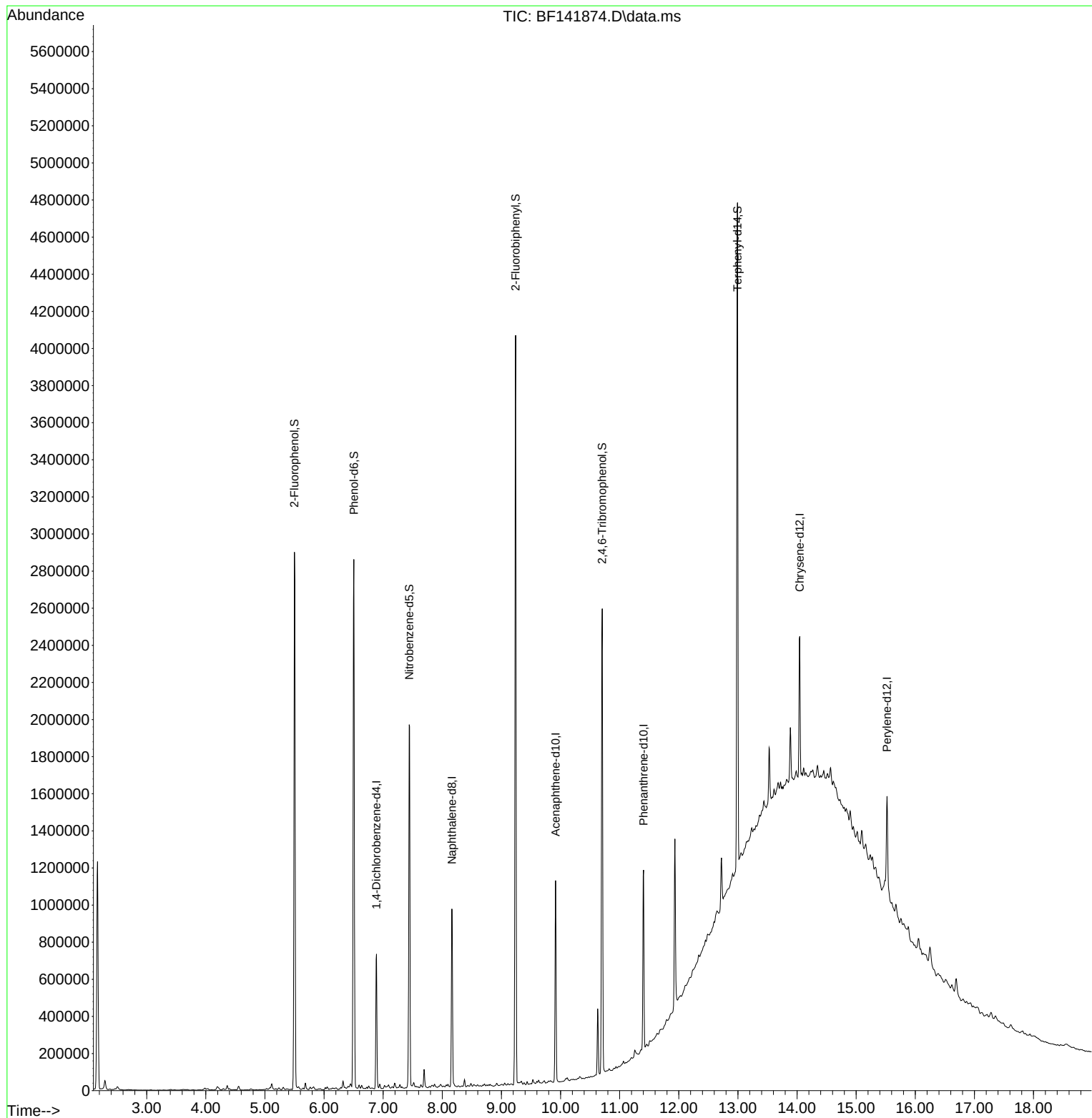
Target Compounds	Qvalue

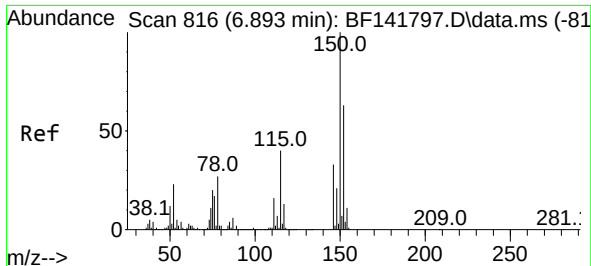
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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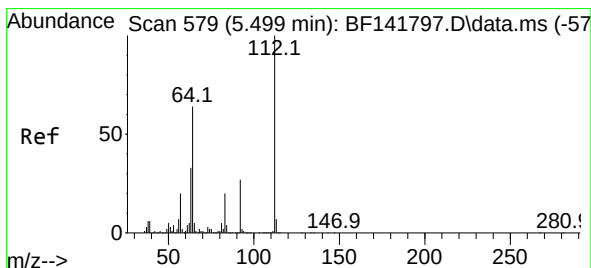
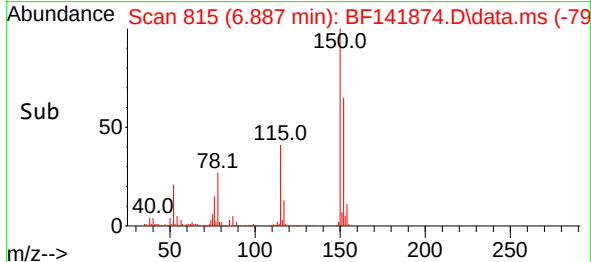
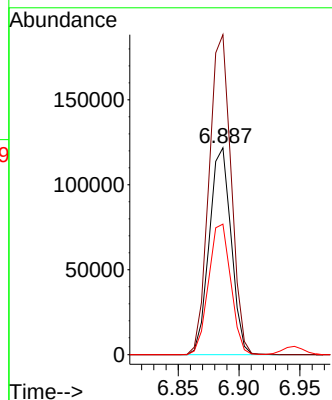
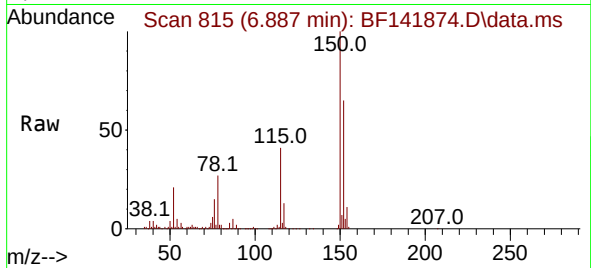




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF141874.D
Acq: 06 Mar 2025 17:59

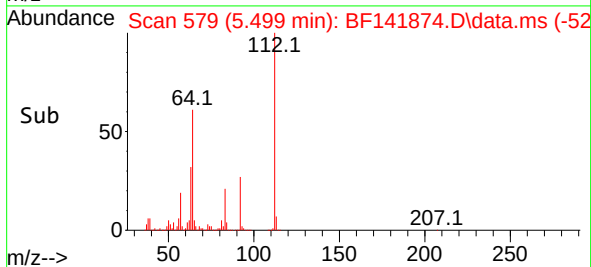
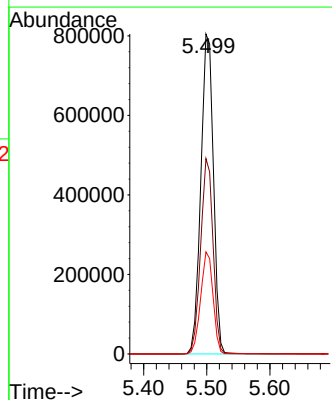
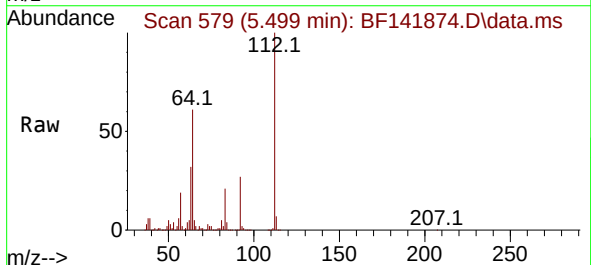
Instrument :
BNA_F
ClientSampleId :
RHL1PXI

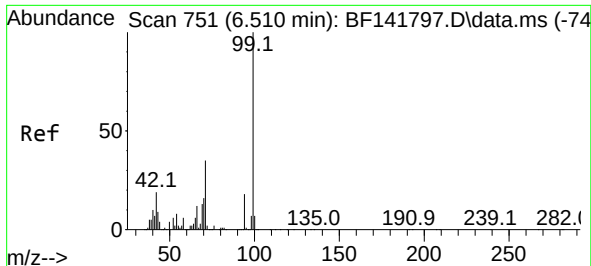
Tgt Ion:152 Resp: 152116
Ion Ratio Lower Upper
152 100
150 154.6 127.5 191.3
115 63.1 51.4 77.2



#5
2-Fluorophenol
Concen: 117.487 ng
RT: 5.499 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF141874.D
Acq: 06 Mar 2025 17:59

Tgt Ion:112 Resp: 1119085
Ion Ratio Lower Upper
112 100
64 61.1 51.3 76.9
63 31.9 26.2 39.4

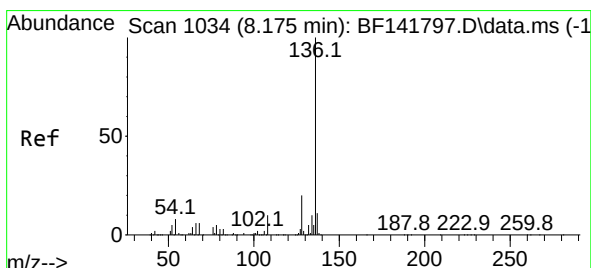
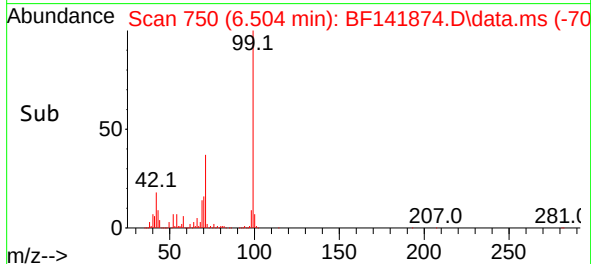
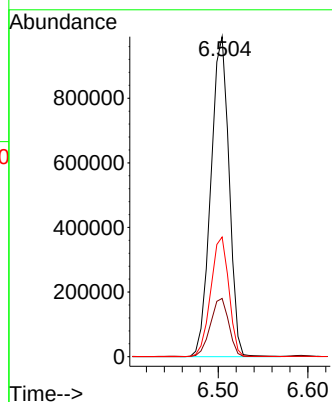
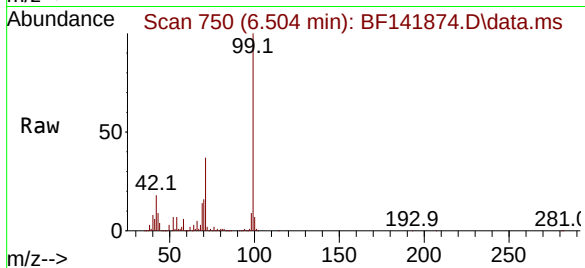




#7
Phenol-d6
Concen: 112.658 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141874.D
Acq: 06 Mar 2025 17:59

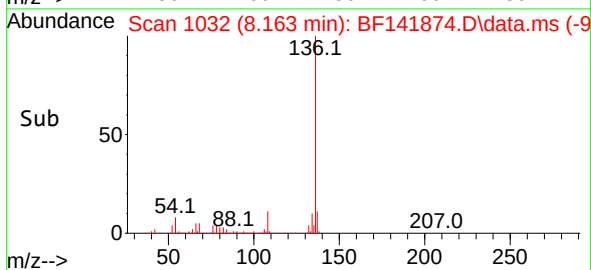
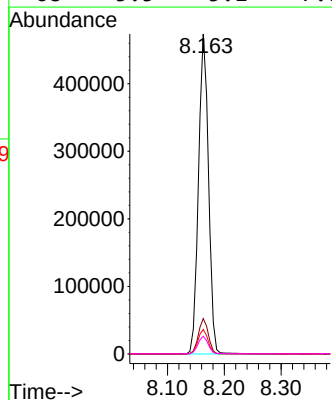
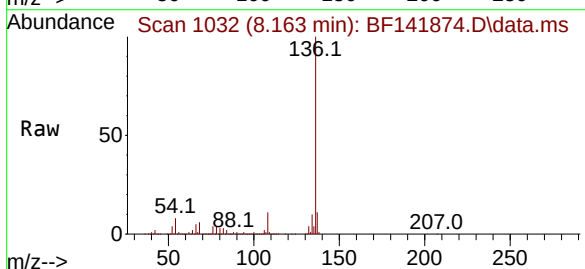
Instrument :
BNA_F
ClientSampleId :
RHL1PXI

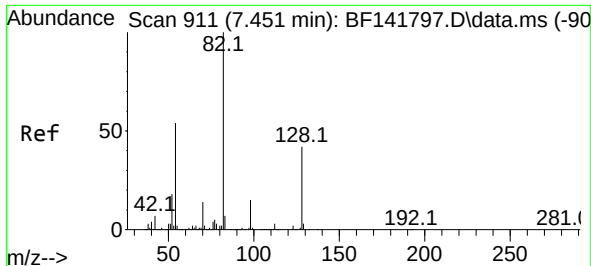
Tgt Ion: 99 Resp: 1396721
Ion Ratio Lower Upper
99 100
42 18.2 15.2 22.8
71 37.4 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141874.D
Acq: 06 Mar 2025 17:59

Tgt Ion:136 Resp: 583372
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.6 6.9 10.3
68 5.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 99.506 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF141874.D

Acq: 06 Mar 2025 17:59

Instrument :

BNA_F

ClientSampleId :

RHL1PXI

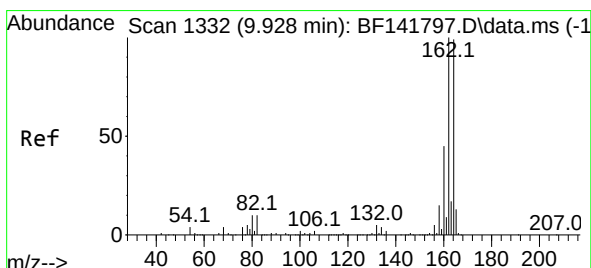
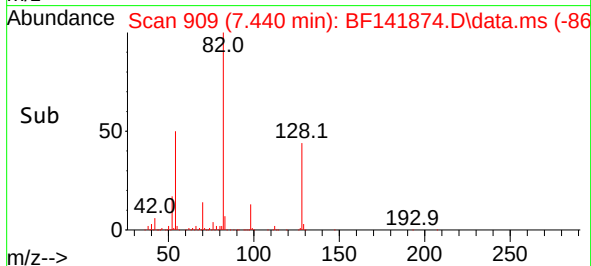
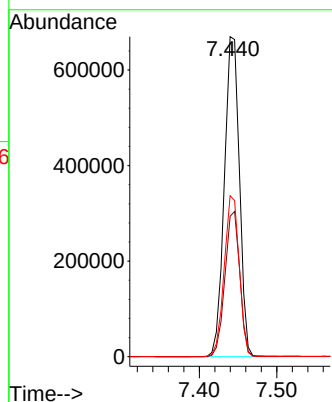
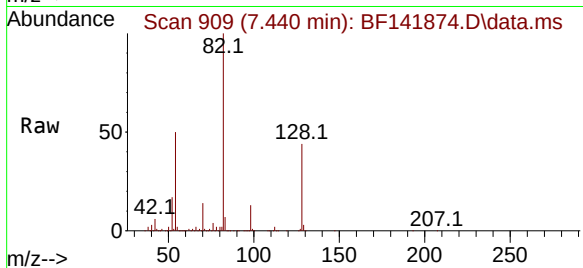
Tgt Ion: 82 Resp: 908150

Ion Ratio Lower Upper

82 100

128 43.9 33.5 50.3

54 50.3 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.012 min

Lab File: BF141874.D

Acq: 06 Mar 2025 17:59

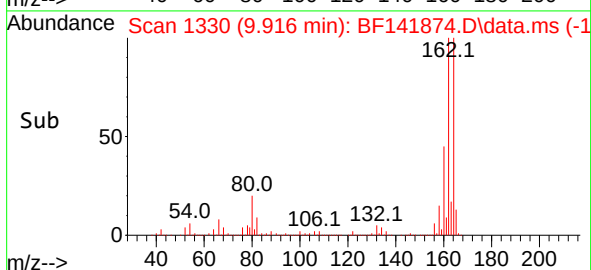
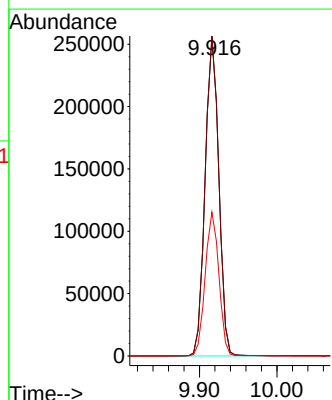
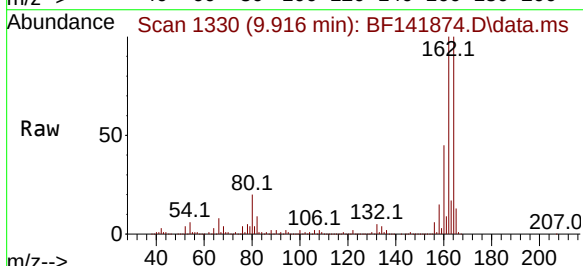
Tgt Ion: 164 Resp: 313503

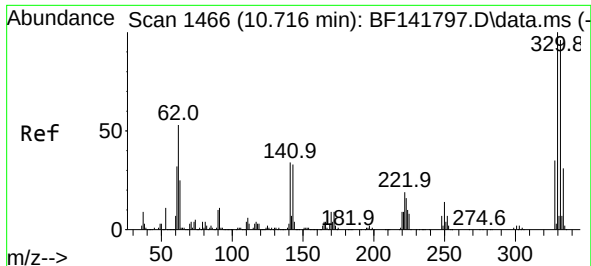
Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

160 45.1 36.3 54.5

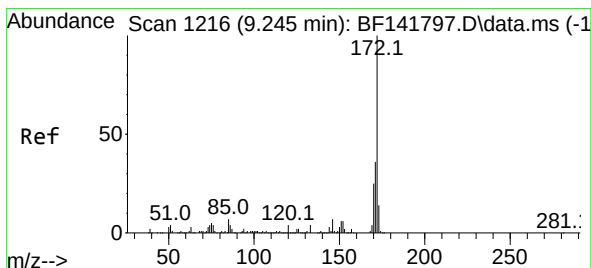
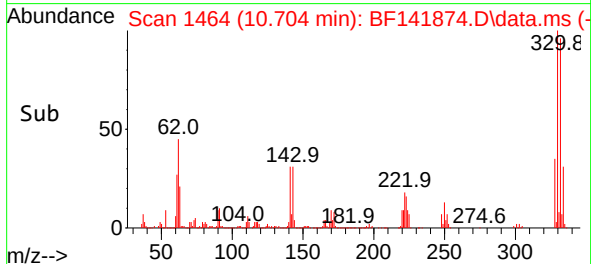
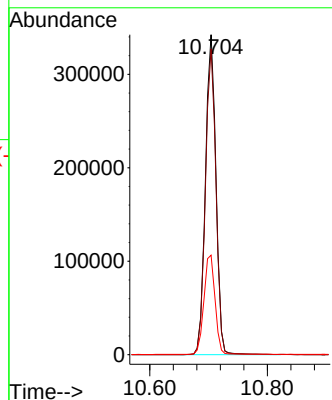
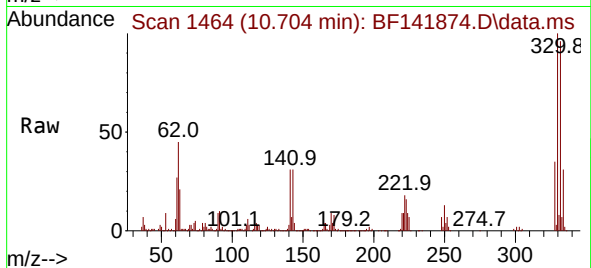




#42
2,4,6-Tribromophenol
Concen: 144.979 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF141874.D
Acq: 06 Mar 2025 17:59

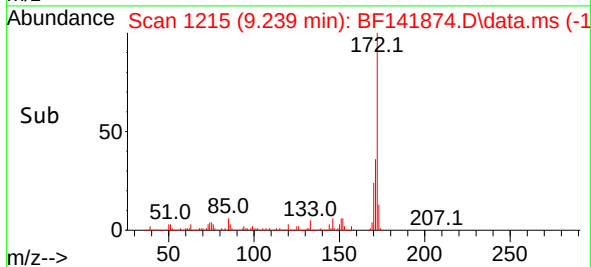
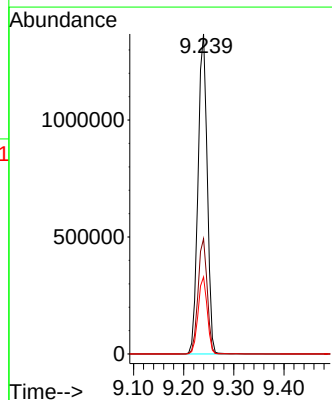
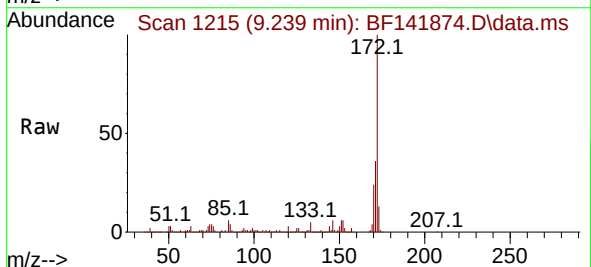
Instrument :
BNA_F
ClientSampleId :
RHL1PXI

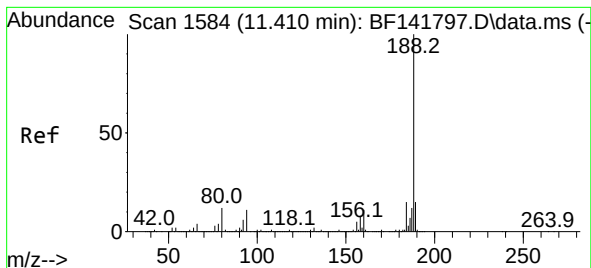
Tgt Ion:330 Resp: 426706
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 32.7 29.0 43.4



#45
2-Fluorobiphenyl
Concen: 88.951 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF141874.D
Acq: 06 Mar 2025 17:59

Tgt Ion:172 Resp: 1739161
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 24.1 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141874.D

Acq: 06 Mar 2025 17:59

Instrument :

BNA_F

ClientSampleId :

RHL1PXI

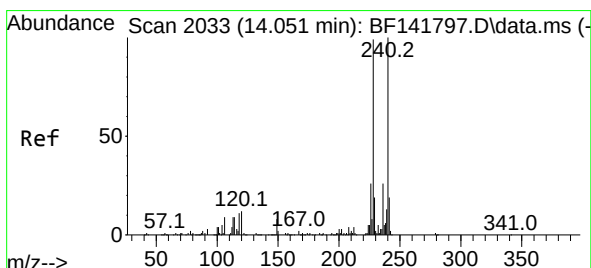
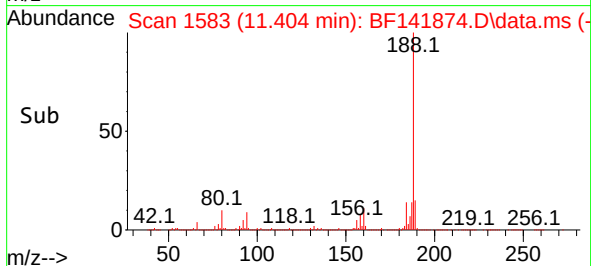
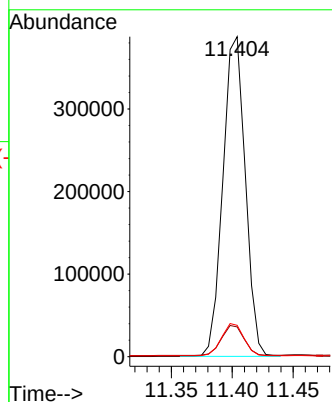
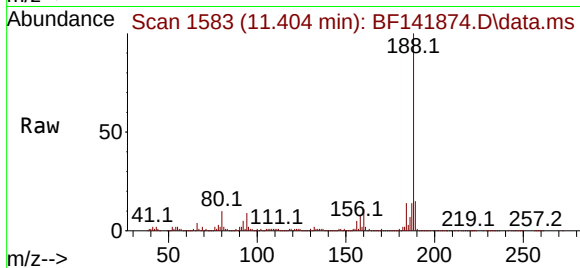
Tgt Ion:188 Resp: 496736

Ion Ratio Lower Upper

188 100

94 9.3 8.9 13.3

80 9.8 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF141874.D

Acq: 06 Mar 2025 17:59

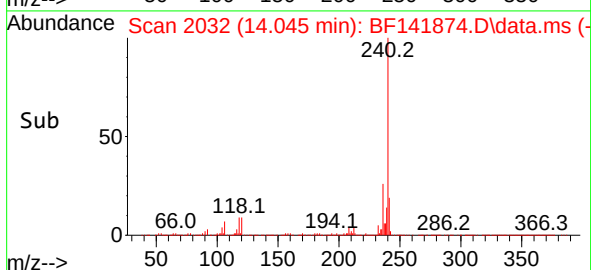
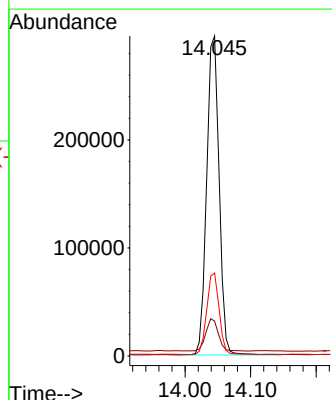
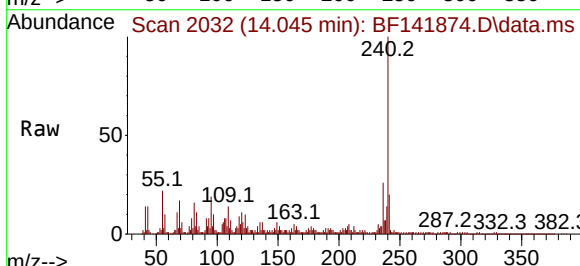
Tgt Ion:240 Resp: 391345

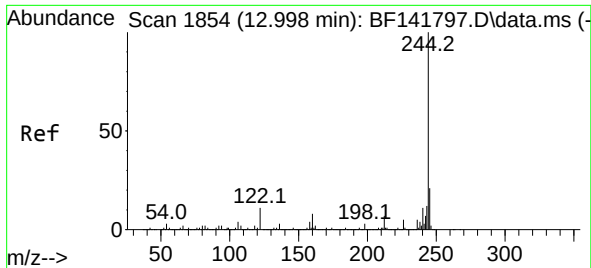
Ion Ratio Lower Upper

240 100

120 10.9 9.7 14.5

236 26.0 21.0 31.4

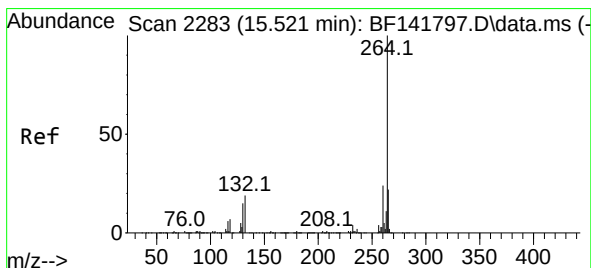
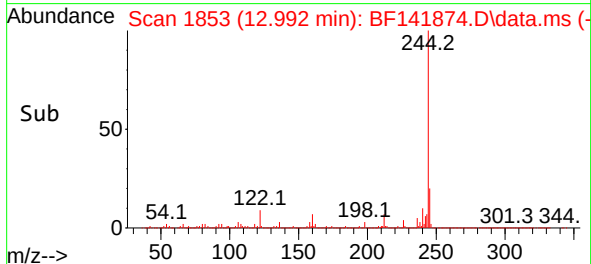
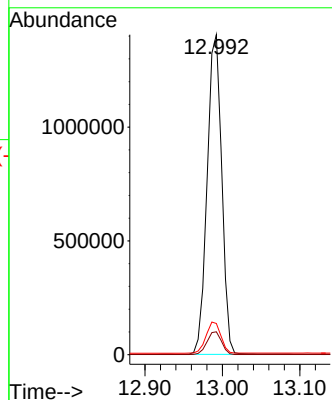
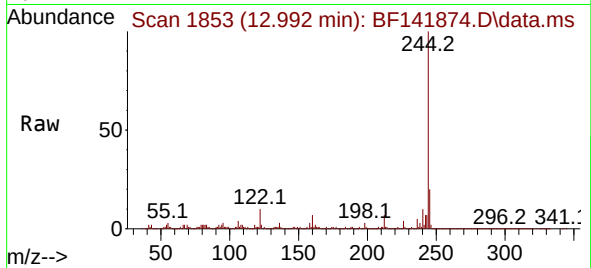




#79
 Terphenyl-d14
 Concen: 75.800 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF141874.D
 Acq: 06 Mar 2025 17:59

Instrument :
 BNA_F
 ClientSampleId :
 RHL1PXI

Tgt Ion:244 Resp: 1833470
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.8 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF141874.D
 Acq: 06 Mar 2025 17:59

Tgt Ion:264 Resp: 319431
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 22.5 17.4 26.0

