

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142071.D
 Acq On : 25 Mar 2025 11:38
 Operator : RC/JU
 Sample : PB167261BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167261BL

Quant Time: Mar 25 11:59:56 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	128759	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	509446	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	294539	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	560108	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	309509	20.000	ng	0.00
86) Perylene-d12	15.504	264	207073	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1151489	149.255	ng	0.00
7) Phenol-d6	6.498	99	1392774	141.790	ng	0.00
23) Nitrobenzene-d5	7.434	82	947299	104.643	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	619327	165.745	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1983734	102.427	ng	-0.01
79) Terphenyl-d14	12.980	244	2785149	133.040	ng	0.00

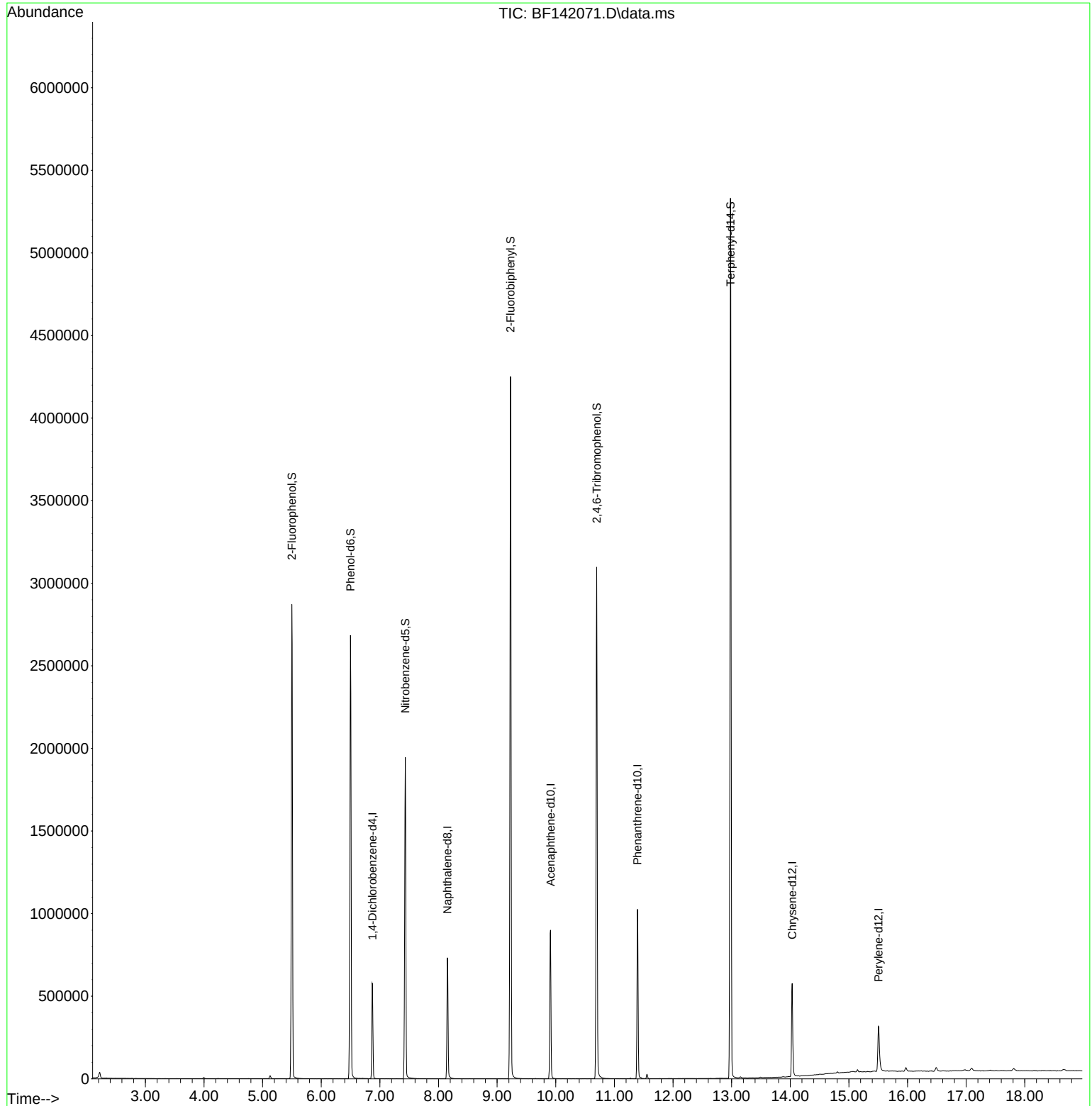
Target Compounds	Qvalue

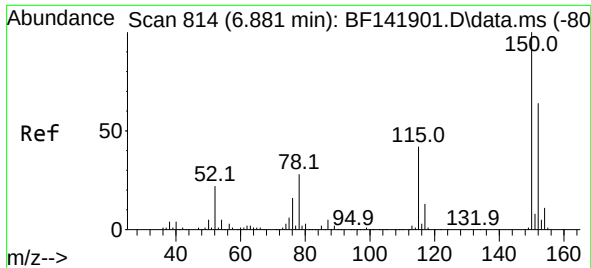
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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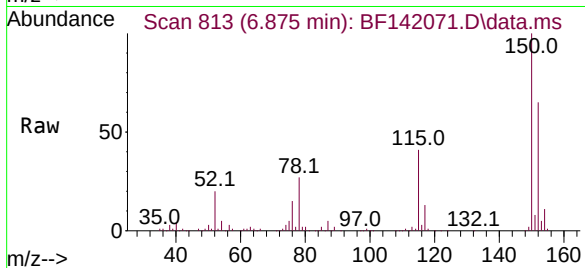
Quant Time: Mar 25 11:59:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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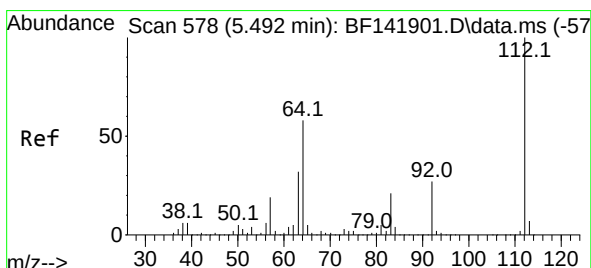
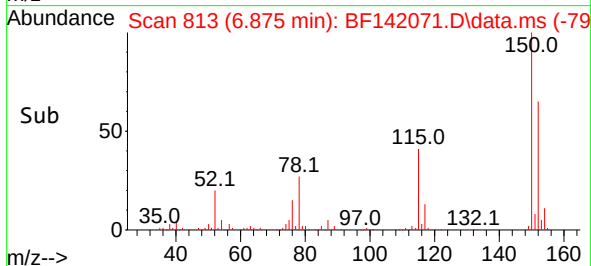
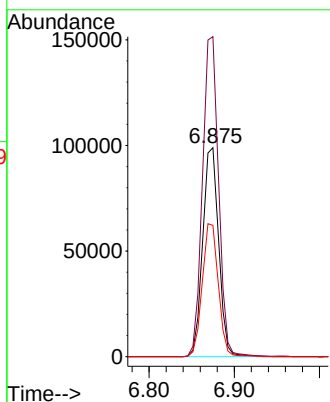


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

Instrument :
BNA_F
ClientSampleId :
PB167261BL

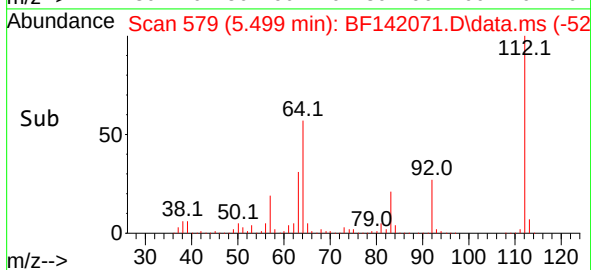
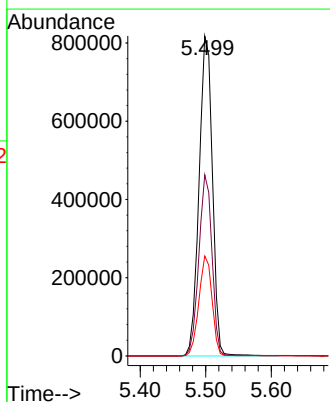
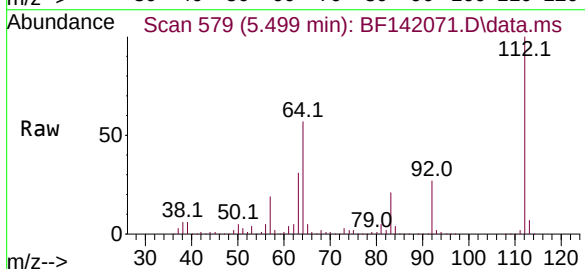


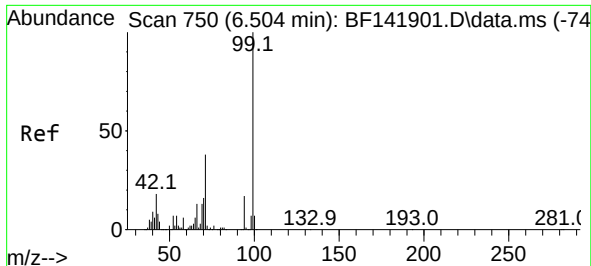
Tgt Ion:152 Resp: 128759
Ion Ratio Lower Upper
152 100
150 153.2 127.4 191.2
115 62.9 51.9 77.9



#5
2-Fluorophenol
Concen: 149.255 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

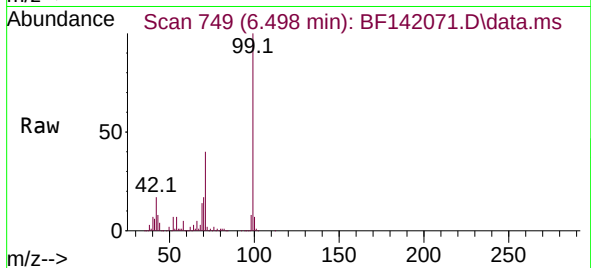
Tgt Ion:112 Resp: 1151489
Ion Ratio Lower Upper
112 100
64 56.6 46.5 69.7
63 31.2 25.4 38.2





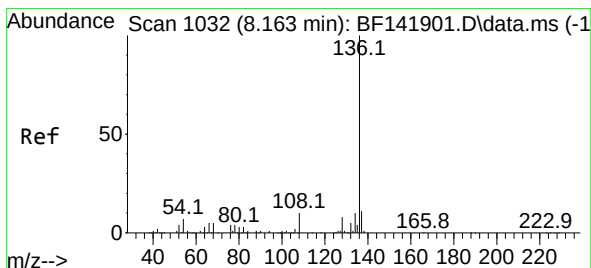
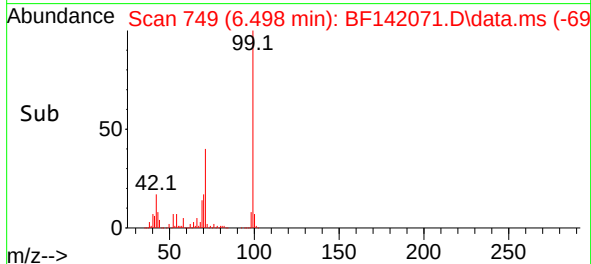
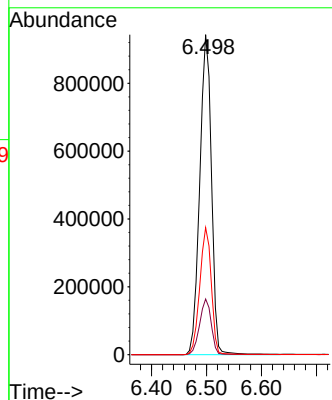
#7
Phenol-d6
Concen: 141.790 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

Instrument :
BNA_F
ClientSampleId :
PB167261BL



Tgt Ion: 99 Resp: 1392774

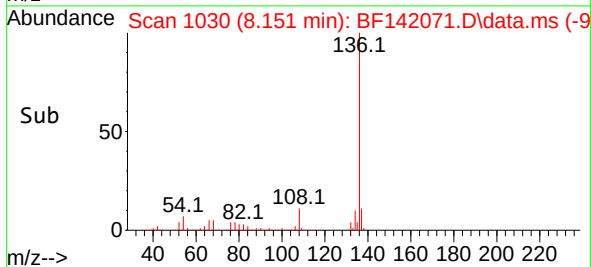
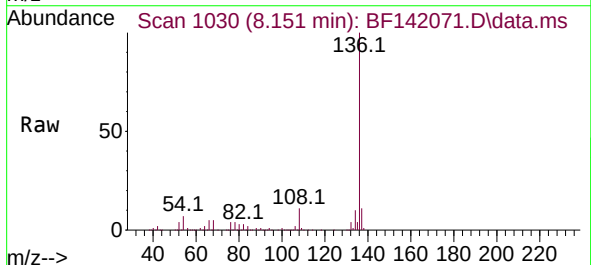
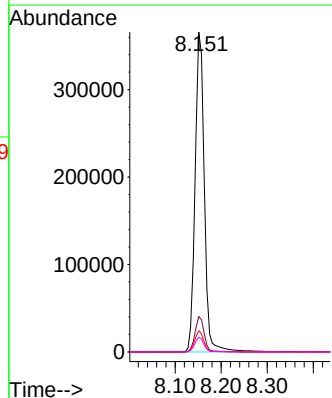
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.6	21.8
71	39.7	30.8	46.2

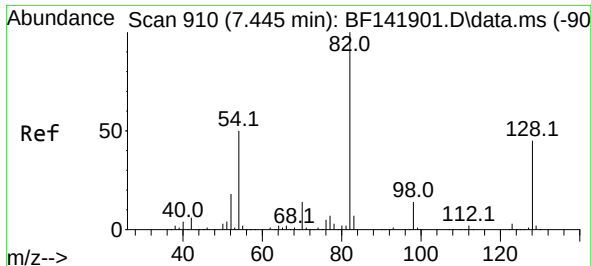


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

Tgt Ion:136 Resp: 509446

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.6	5.8	8.8
68	4.6	4.1	6.1





#23

Nitrobenzene-d5

Concen: 104.643 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142071.D

Acq: 25 Mar 2025 11:38

Instrument :

BNA_F

ClientSampleId :

PB167261BL

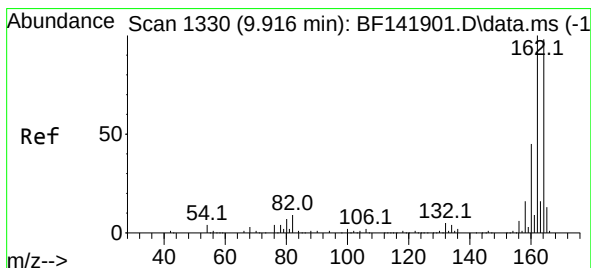
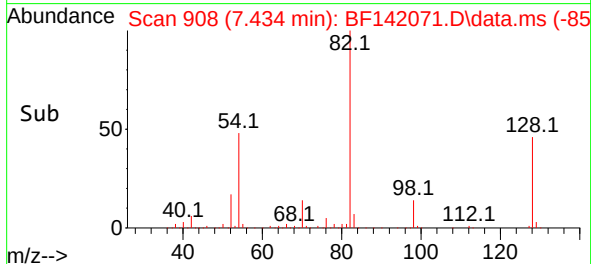
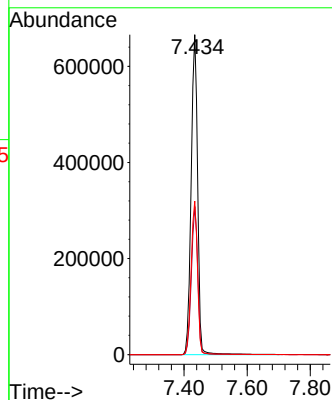
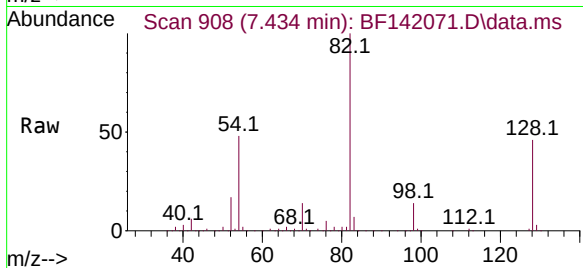
Tgt Ion: 82 Resp: 947299

Ion Ratio Lower Upper

82 100

128 46.3 36.0 54.0

54 48.0 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: BF142071.D

Acq: 25 Mar 2025 11:38

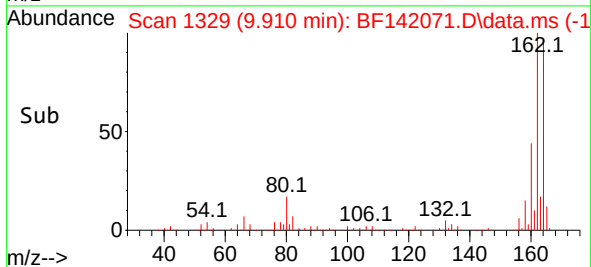
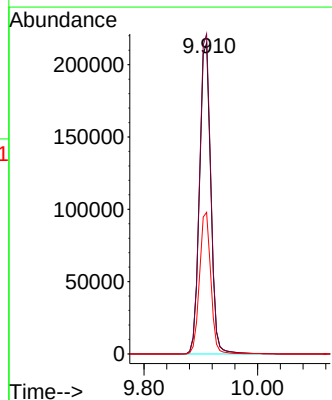
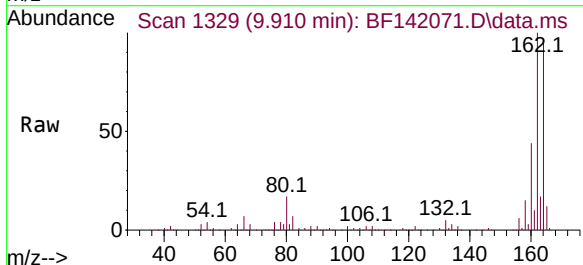
Tgt Ion:164 Resp: 294539

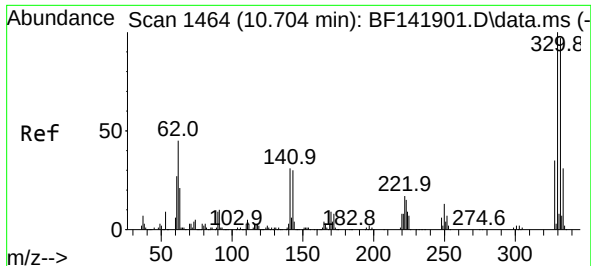
Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.6

160 45.5 36.7 55.1

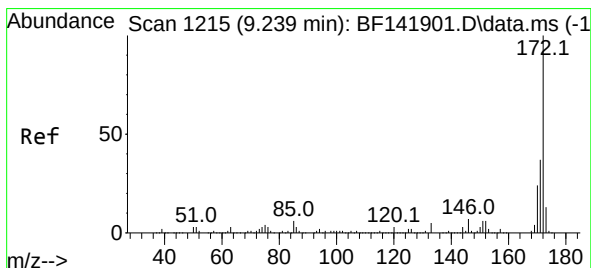
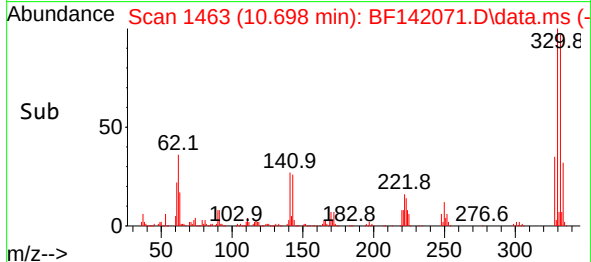
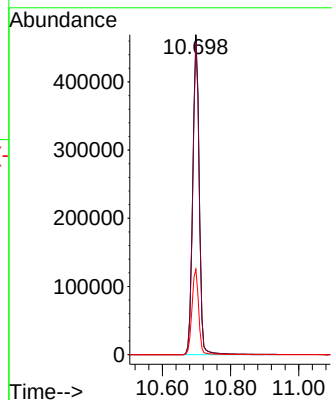
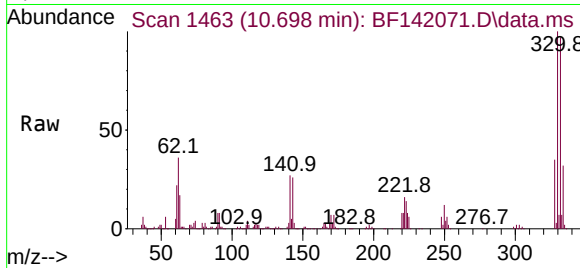




#42
2,4,6-Tribromophenol
Concen: 165.745 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

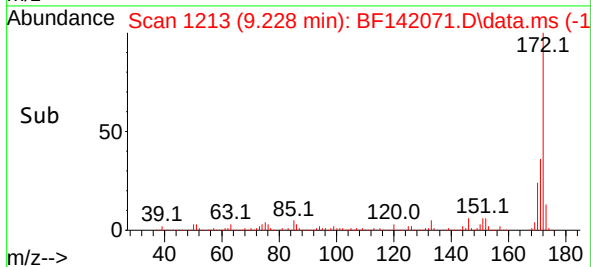
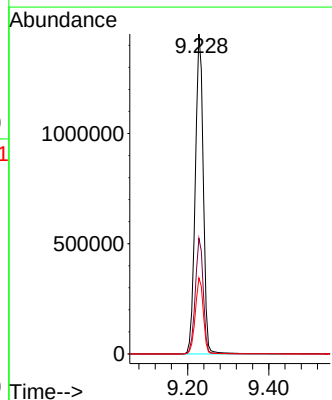
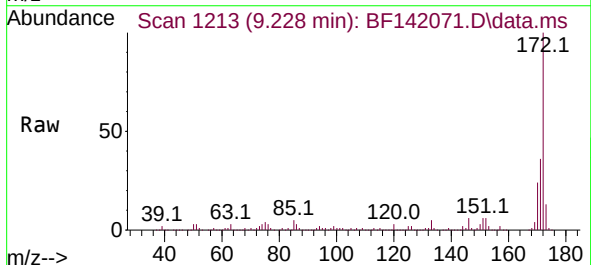
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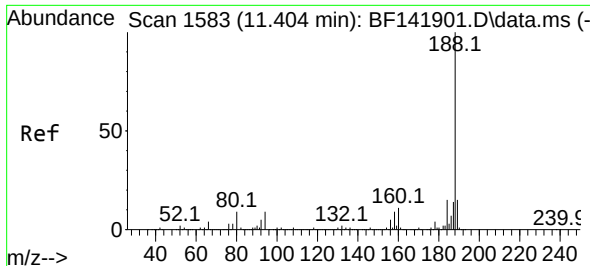
Tgt Ion:330 Resp: 619327
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 27.5 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 102.427 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

Tgt Ion:172 Resp: 1983734
Ion Ratio Lower Upper
172 100
171 36.1 29.3 43.9
170 23.7 19.4 29.0

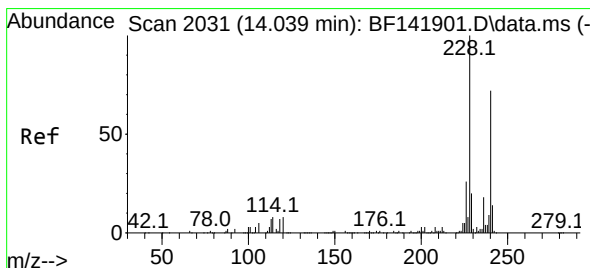
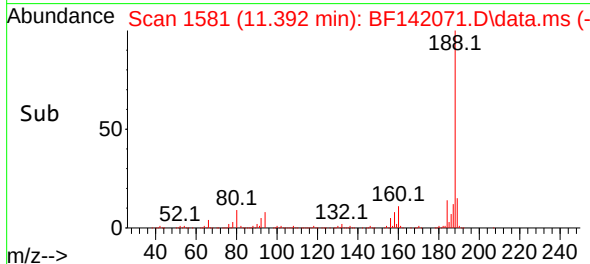
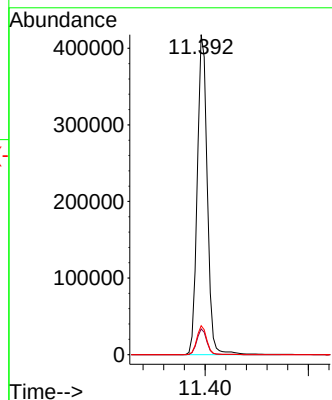
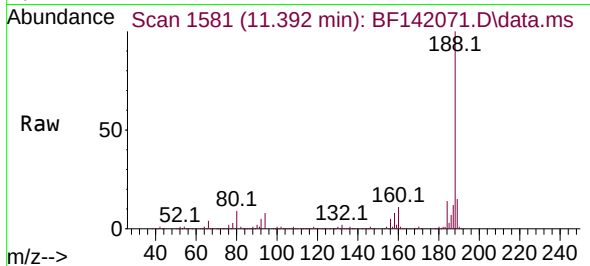




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

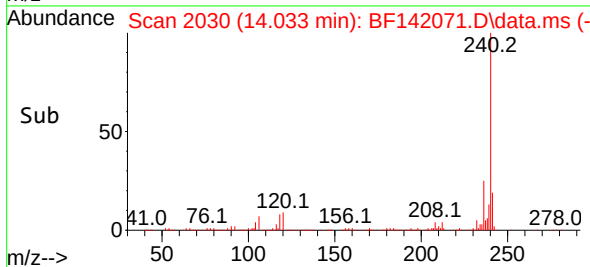
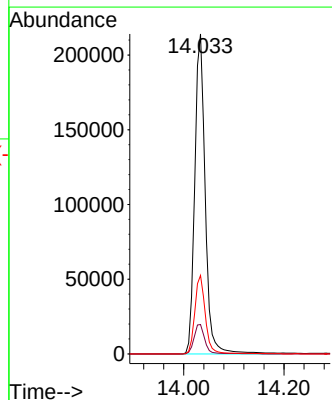
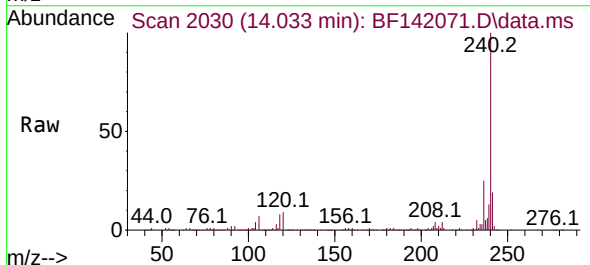
Instrument :
BNA_F
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PB167261BL

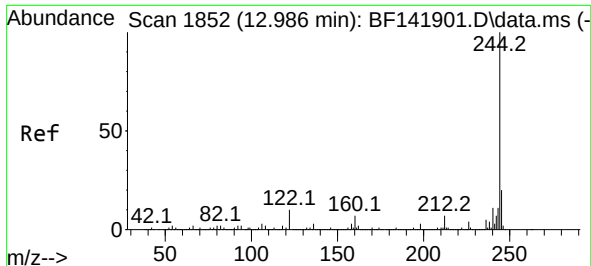
Tgt Ion:188 Resp: 560108
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 9.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142071.D
Acq: 25 Mar 2025 11:38

Tgt Ion:240 Resp: 309509
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 24.5 20.5 30.7

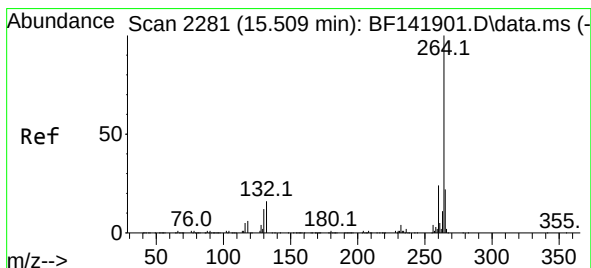
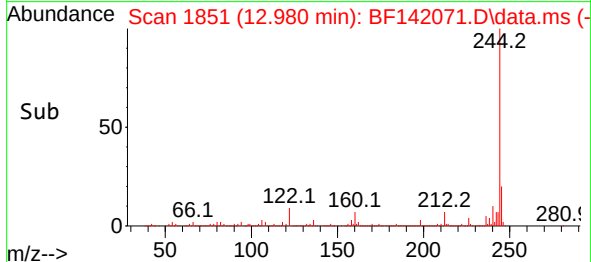
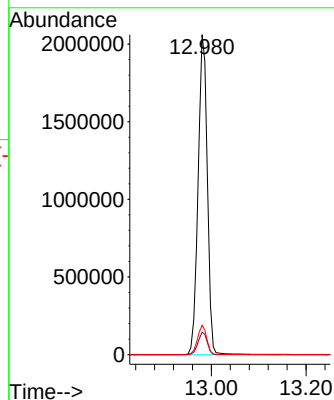
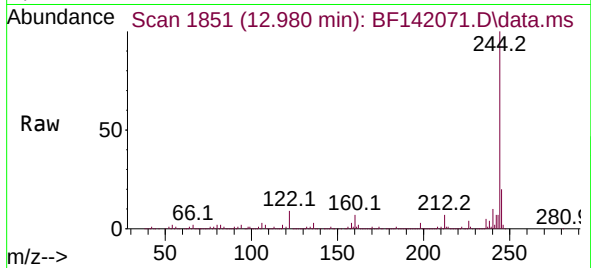




#79
 Terphenyl-d14
 Concen: 133.040 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142071.D
 Acq: 25 Mar 2025 11:38

Instrument :
 BNA_F
 ClientSampleId :
 PB167261BL

Tgt Ion:244 Resp: 2785149
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.2 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: BF142071.D
 Acq: 25 Mar 2025 11:38

Tgt Ion:264 Resp: 207073
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.0 17.5 26.3

