

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142069.D
 Acq On : 25 Mar 2025 10:39
 Operator : RC/JU
 Sample : PB167274BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167274BL

Quant Time: Mar 25 11:23:09 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	136368	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	549780	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	317708	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	598292	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	346843	20.000	ng	0.00
86) Perylene-d12	15.509	264	240104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1192347	145.927	ng	0.00
7) Phenol-d6	6.498	99	1444943	138.893	ng	0.00
23) Nitrobenzene-d5	7.433	82	975331	99.836	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	680231	168.769	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2078783	99.508	ng	-0.01
79) Terphenyl-d14	12.980	244	2927722	124.797	ng	0.00

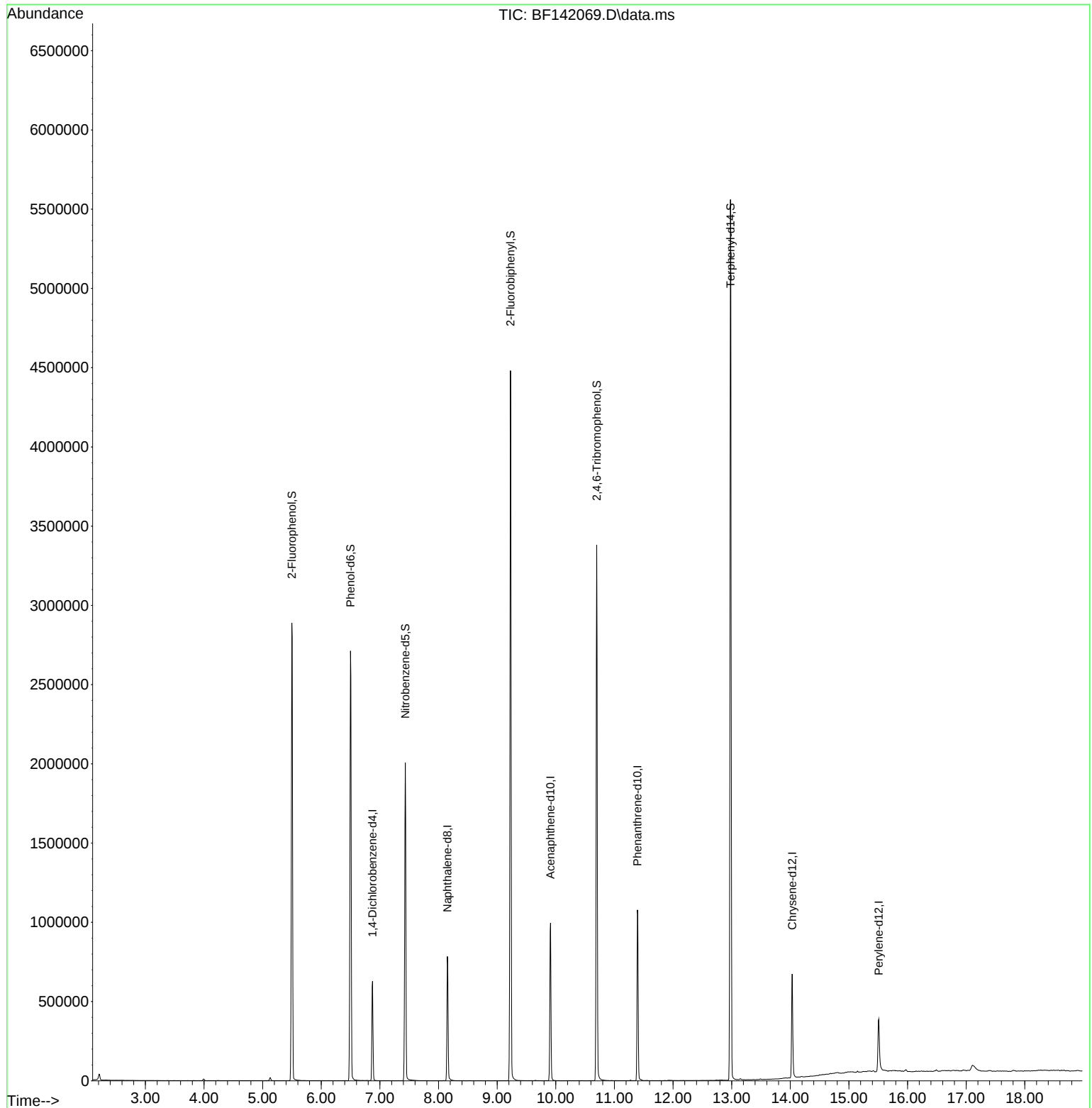
Target Compounds	Qvalue

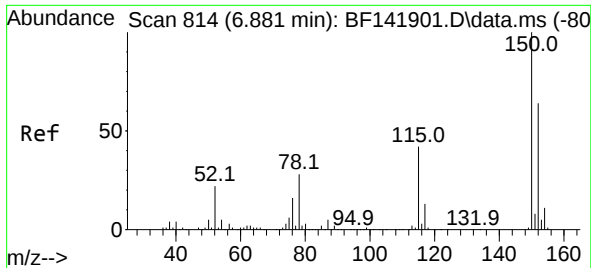
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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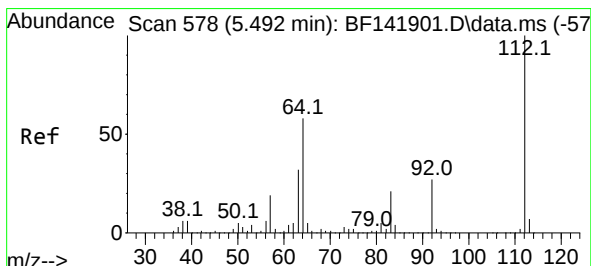
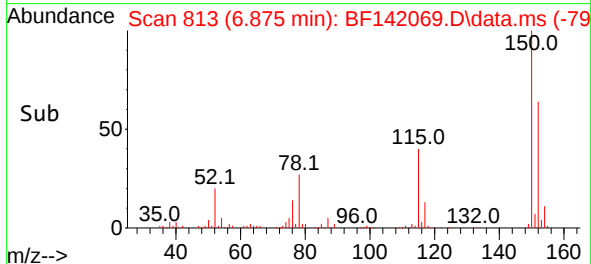
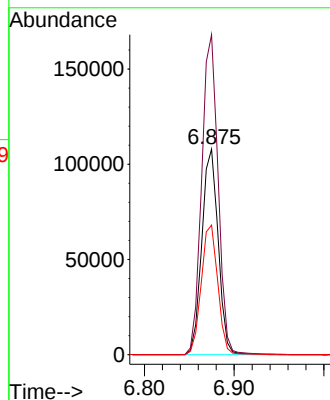
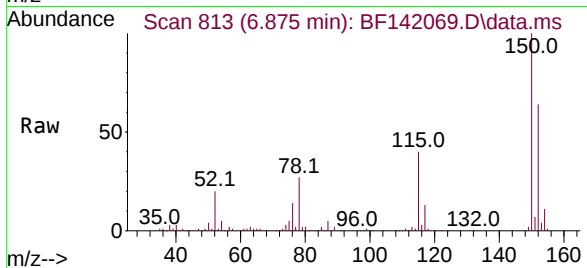




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF142069.D
 Acq: 25 Mar 2025 10:39

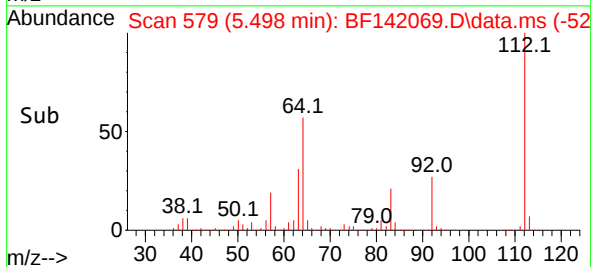
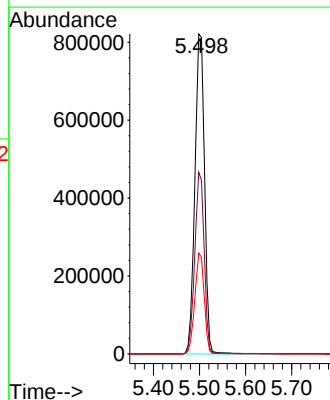
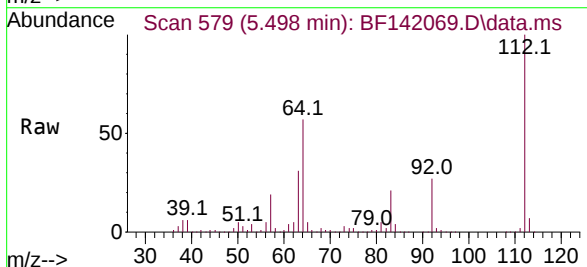
Instrument :
 BNA_F
 ClientSampleId :
 PB167274BL

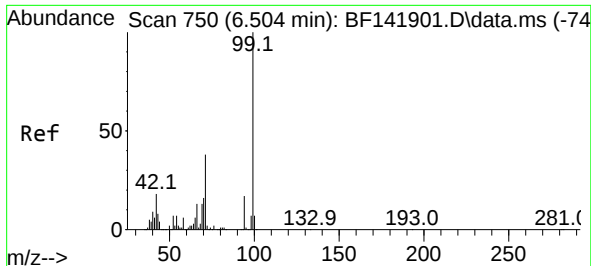
Tgt Ion:152 Resp: 136368
 Ion Ratio Lower Upper
 152 100
 150 155.7 127.4 191.2
 115 63.0 51.9 77.9



#5
 2-Fluorophenol
 Concen: 145.927 ng
 RT: 5.498 min Scan# 579
 Delta R.T. 0.006 min
 Lab File: BF142069.D
 Acq: 25 Mar 2025 10:39

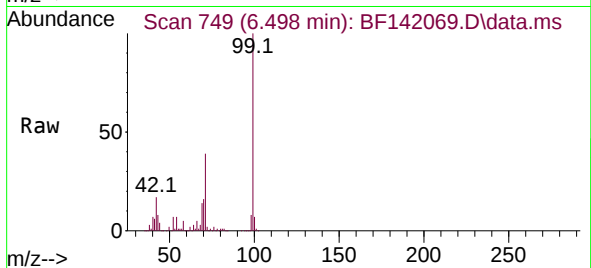
Tgt Ion:112 Resp: 1192347
 Ion Ratio Lower Upper
 112 100
 64 56.8 46.5 69.7
 63 31.5 25.4 38.2





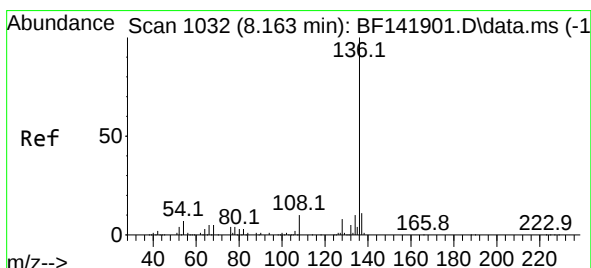
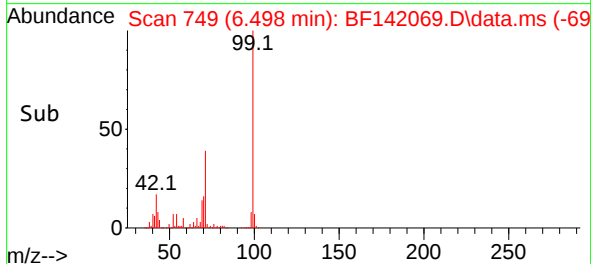
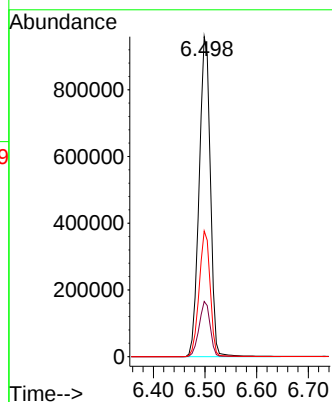
#7
Phenol-d6
Concen: 138.893 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Instrument :
BNA_F
ClientSampleId :
PB167274BL



Tgt Ion: 99 Resp: 1444943

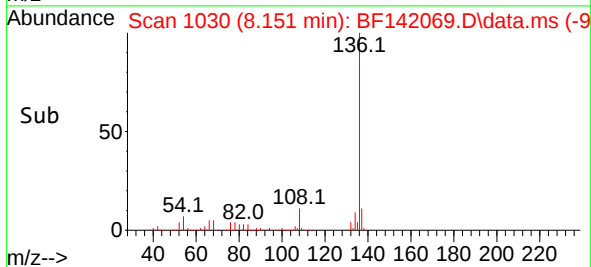
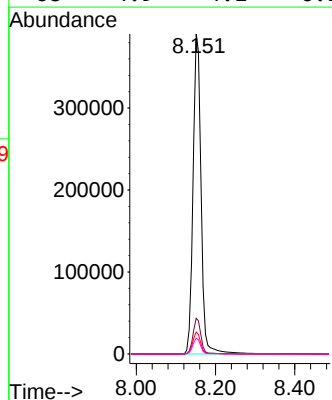
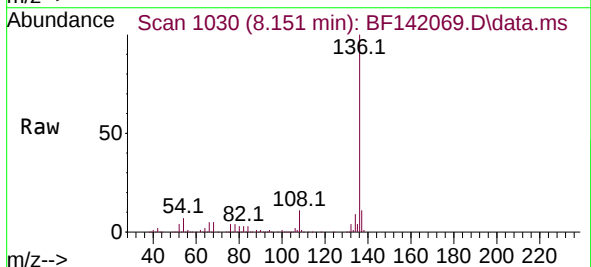
Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.6	21.8
71	39.3	30.8	46.2

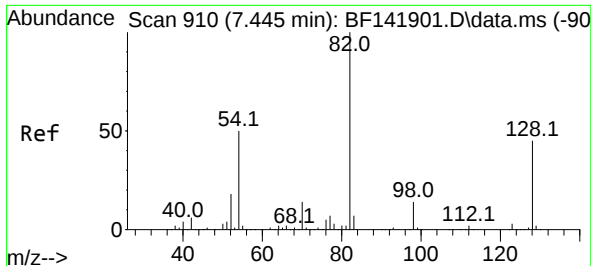


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Tgt Ion:136 Resp: 549780

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.8	5.8	8.8
68	4.9	4.1	6.1

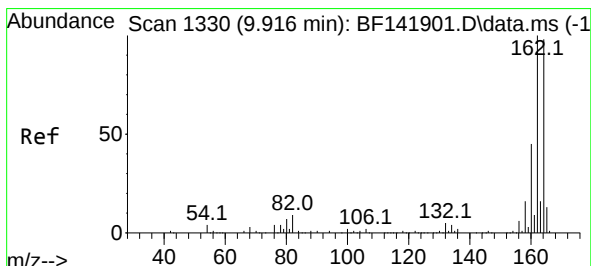
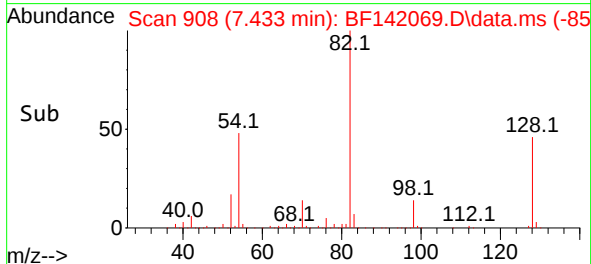
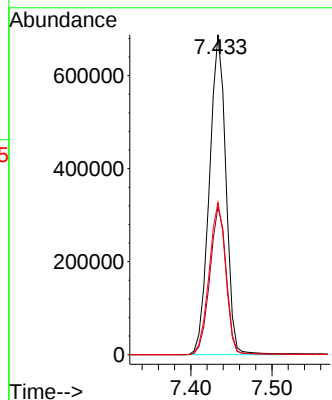
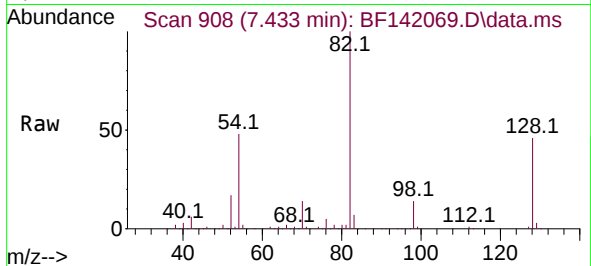




#23
Nitrobenzene-d5
Concen: 99.836 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

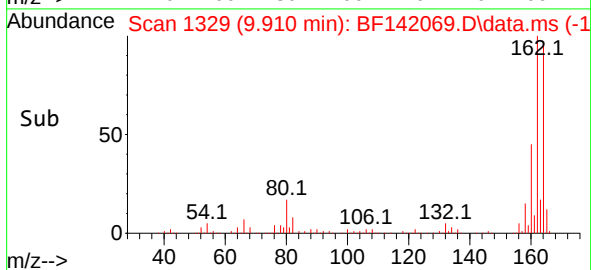
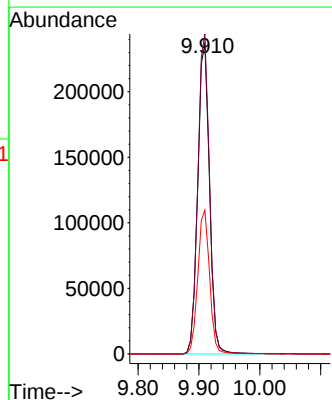
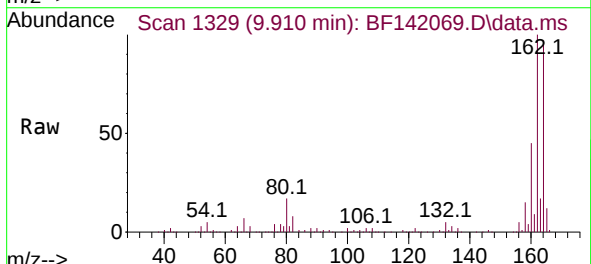
Instrument :
BNA_F
ClientSampleId :
PB167274BL

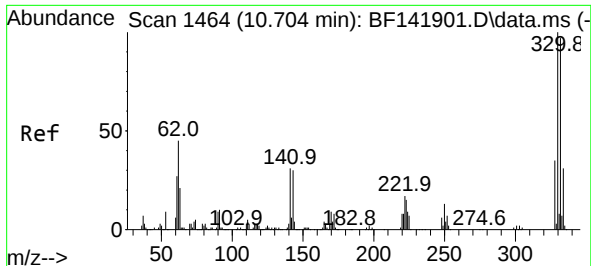
Tgt Ion: 82 Resp: 975331
Ion Ratio Lower Upper
82 100
128 46.2 36.0 54.0
54 47.5 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

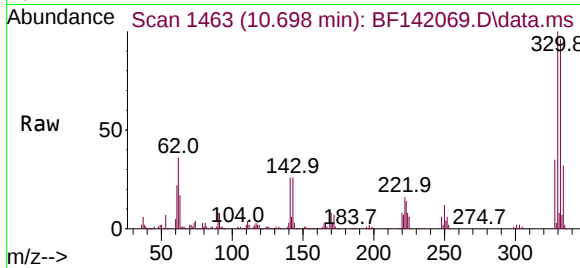
Tgt Ion:164 Resp: 317708
Ion Ratio Lower Upper
164 100
162 103.2 81.8 122.6
160 46.3 36.7 55.1



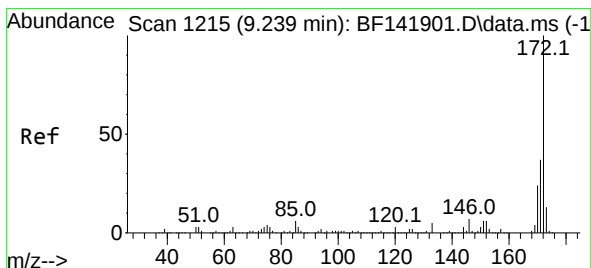
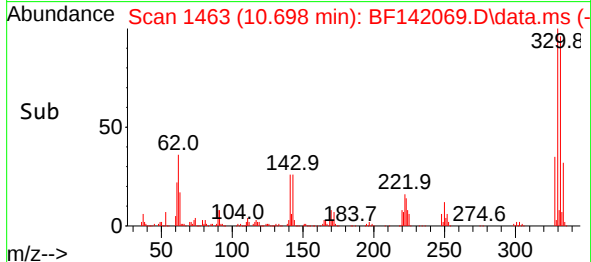
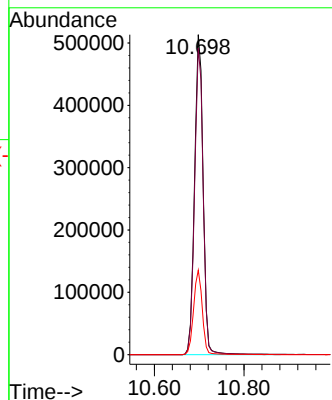


#42
 2,4,6-Tribromophenol
 Concen: 168.769 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF142069.D
 Acq: 25 Mar 2025 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB167274BL

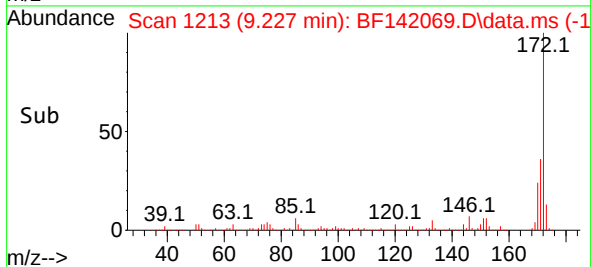
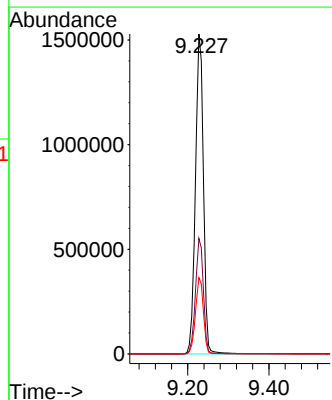
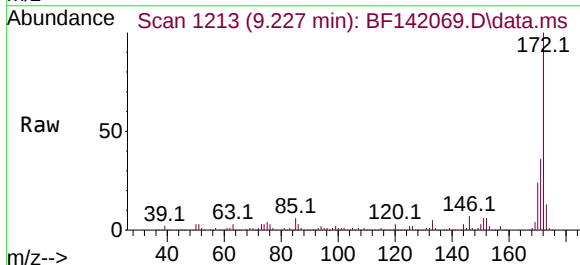


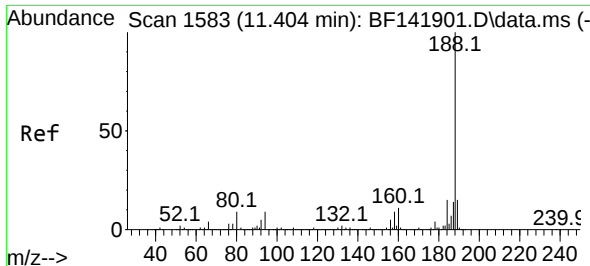
Tgt Ion:330 Resp: 680231
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.6 116.4
 141 26.7 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 99.508 ng
 RT: 9.227 min Scan# 1213
 Delta R.T. -0.012 min
 Lab File: BF142069.D
 Acq: 25 Mar 2025 10:39

Tgt Ion:172 Resp: 2078783
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.3 43.9
 170 23.8 19.4 29.0

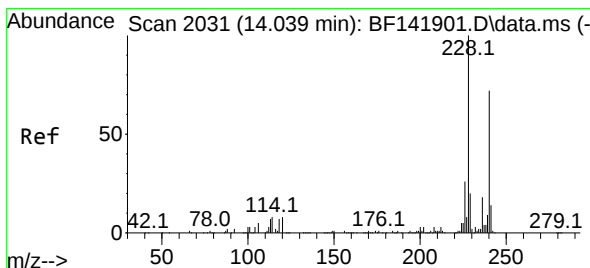
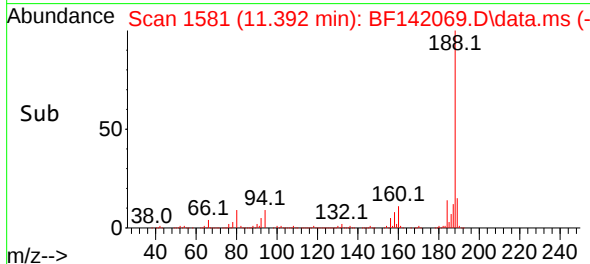
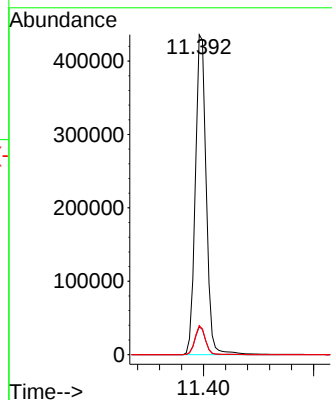
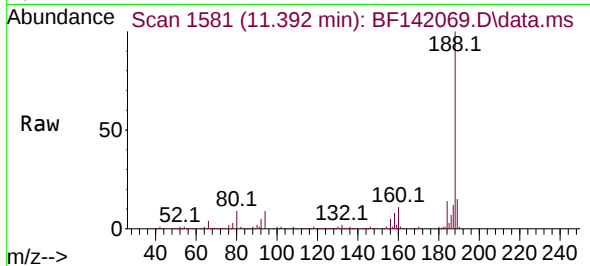




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

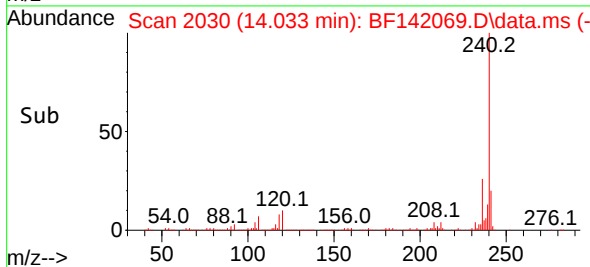
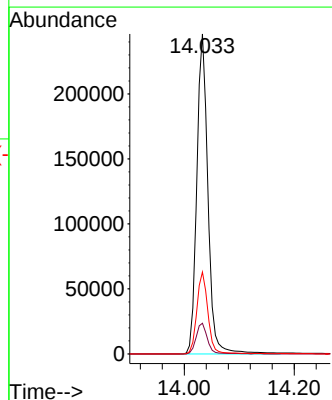
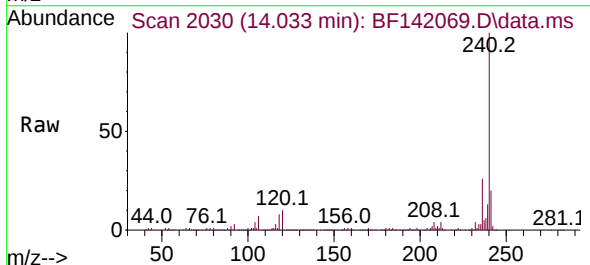
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ClientSampleId :
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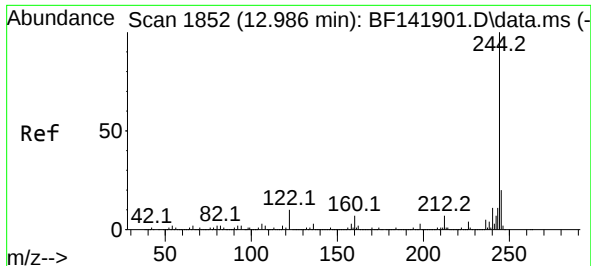
Tgt Ion:188 Resp: 598292
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Tgt Ion:240 Resp: 346843
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 25.6 20.5 30.7

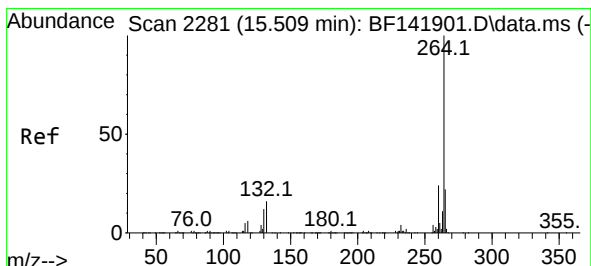
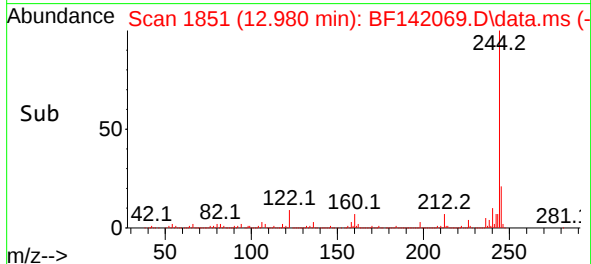
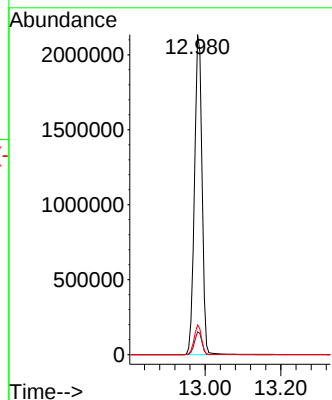
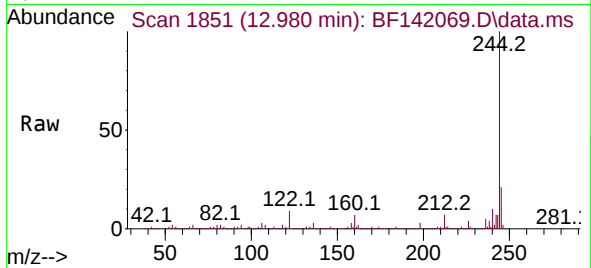




#79
 Terphenyl-d14
 Concen: 124.797 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142069.D
 Acq: 25 Mar 2025 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB167274BL

Tgt Ion:244 Resp: 2927722
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.3 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2281
 Delta R.T. -0.000 min
 Lab File: BF142069.D
 Acq: 25 Mar 2025 10:39

Tgt Ion:264 Resp: 240104
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.9 17.5 26.3

