

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
 Data File : BF141960.D
 Acq On : 14 Mar 2025 12:37
 Operator : RC/JU
 Sample : PB167103TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167103TB

Quant Time: Mar 14 13:01:49 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	146803	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	565455	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	319438	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	562004	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	311491	20.000	ng	-0.01
86) Perylene-d12	15.504	264	314533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1299420	147.727	ng	0.01
7) Phenol-d6	6.498	99	1571966	140.362	ng	0.00
23) Nitrobenzene-d5	7.434	82	1050451	104.544	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	625074	154.244	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2181862	103.876	ng	0.00
79) Terphenyl-d14	12.980	244	2596782	123.253	ng	0.00

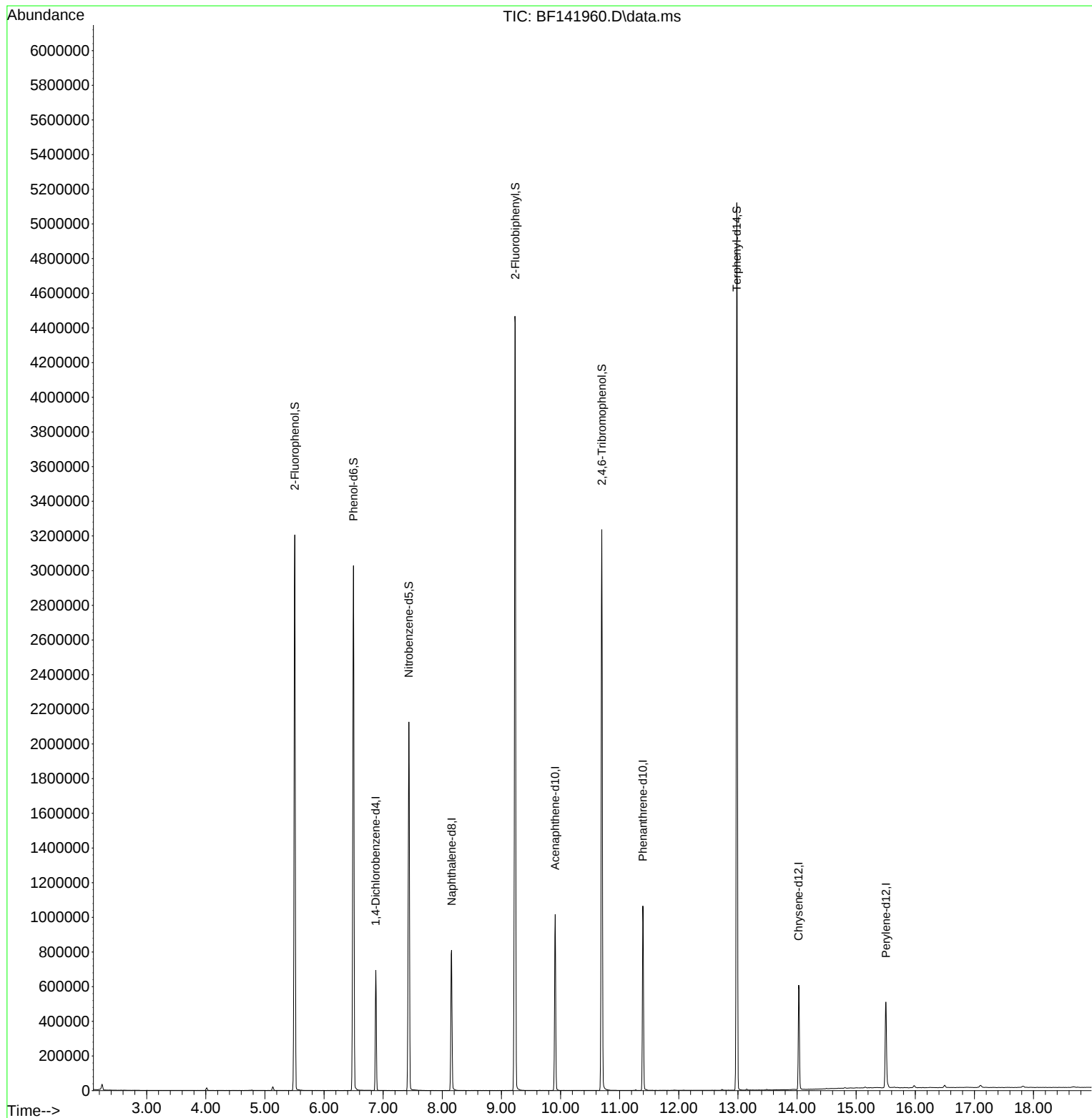
Target Compounds	Qvalue

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

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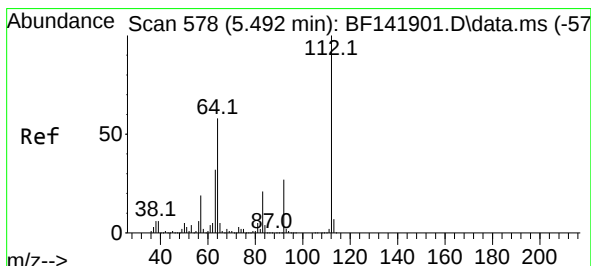
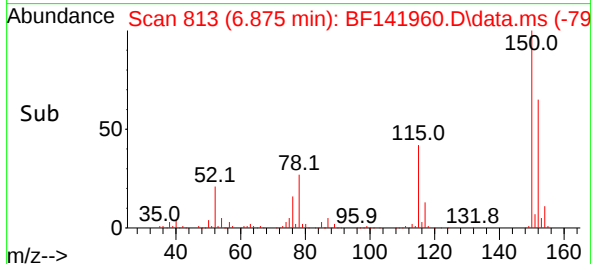
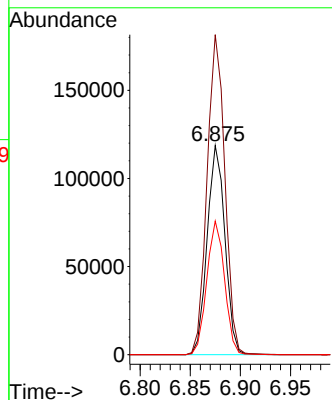
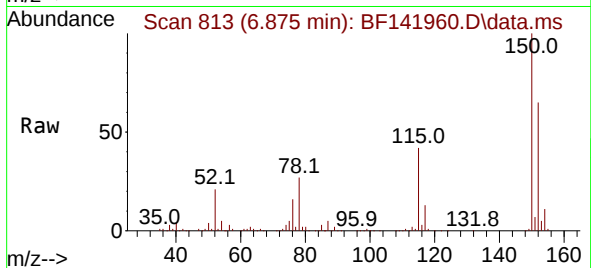




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF141960.D
Acq: 14 Mar 2025 12:37

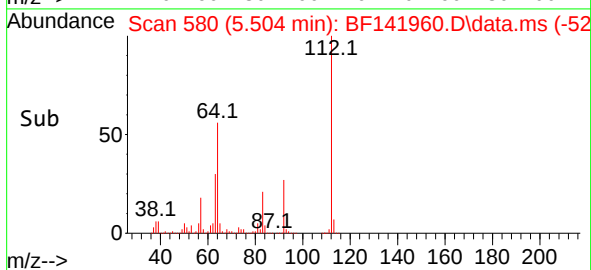
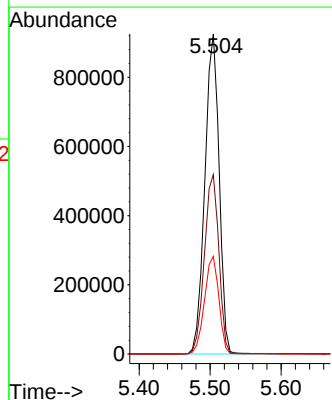
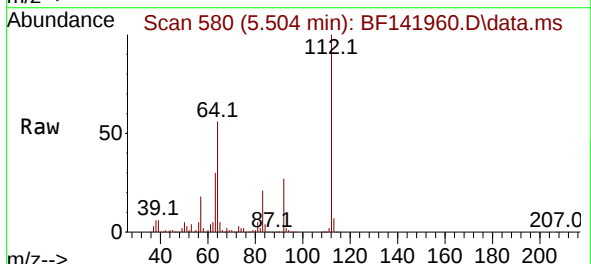
Instrument :
BNA_F
ClientSampleId :
PB167103TB

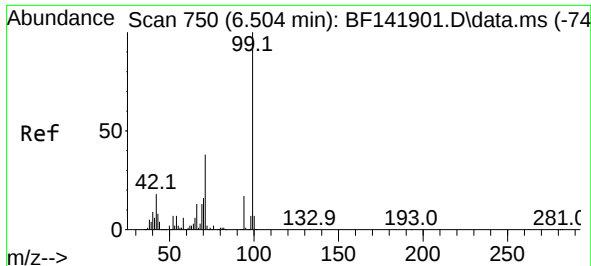
Tgt Ion:152 Resp: 146803
Ion Ratio Lower Upper
152 100
150 153.0 127.4 191.2
115 63.9 51.9 77.9



#5
2-Fluorophenol
Concen: 147.727 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF141960.D
Acq: 14 Mar 2025 12:37

Tgt Ion:112 Resp: 1299420
Ion Ratio Lower Upper
112 100
64 56.1 46.5 69.7
63 30.5 25.4 38.2

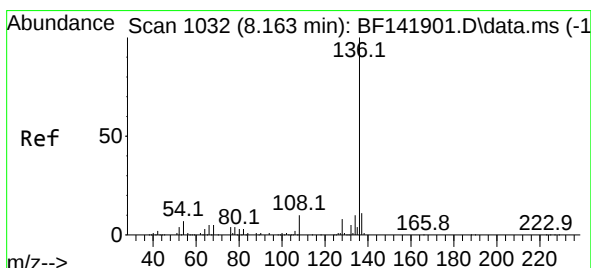
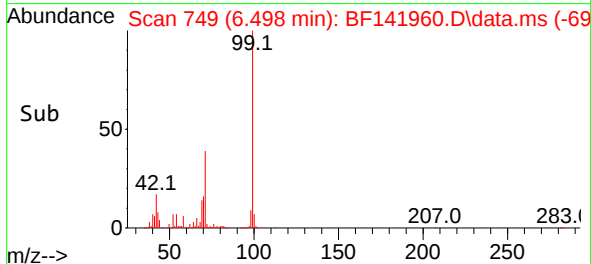
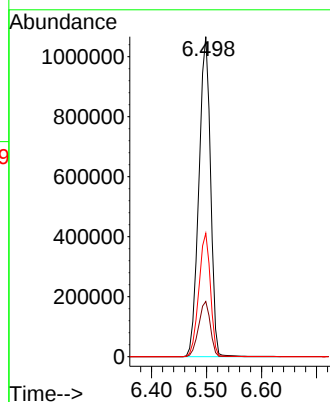
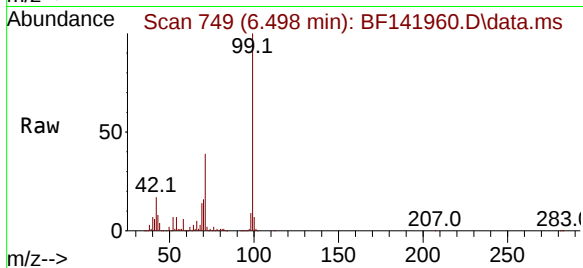




#7
Phenol-d6
Concen: 140.362 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF141960.D
Acq: 14 Mar 2025 12:37

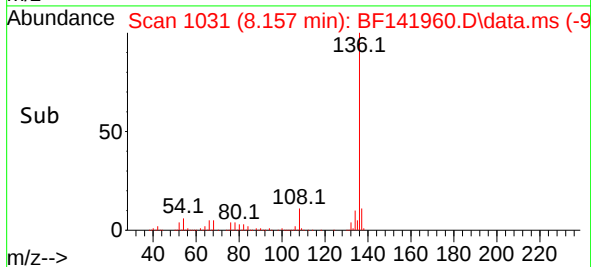
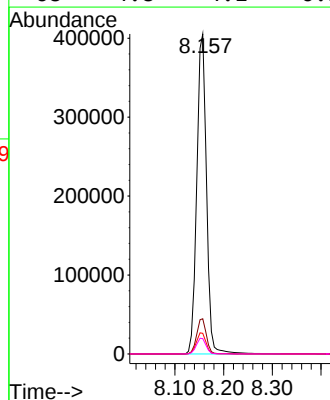
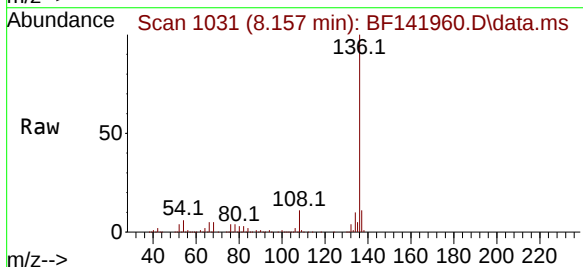
Instrument :
BNA_F
ClientSampleId :
PB167103TB

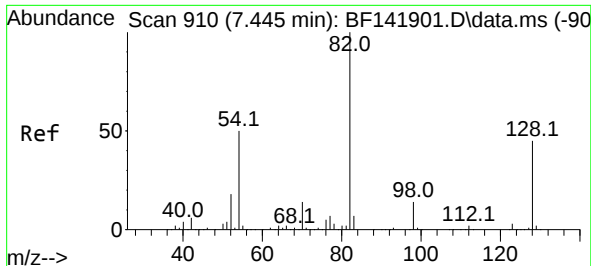
Tgt Ion: 99 Resp: 1571966
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 38.6 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141960.D
Acq: 14 Mar 2025 12:37

Tgt Ion:136 Resp: 565455
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.5 5.8 8.8
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 104.544 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF141960.D

Acq: 14 Mar 2025 12:37

Instrument :

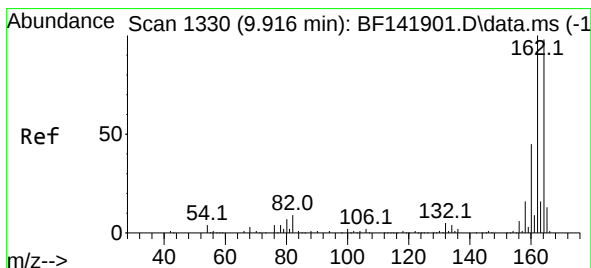
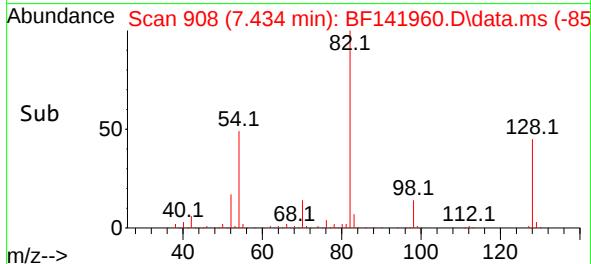
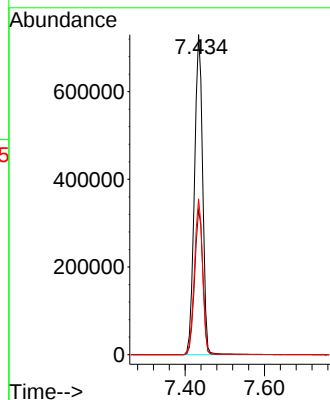
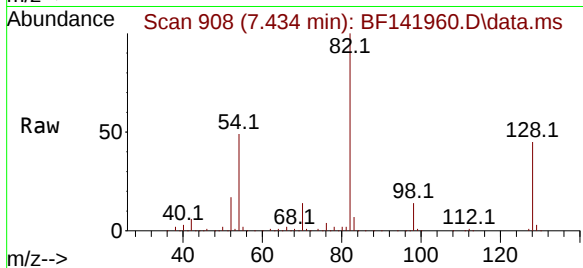
BNA_F

ClientSampleId :

PB167103TB

Tgt Ion: 82 Resp: 1050451

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.0	54.0
54	48.7	39.6	59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

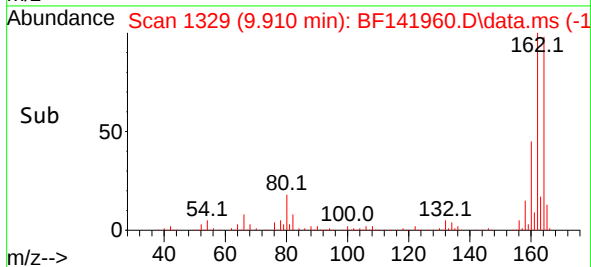
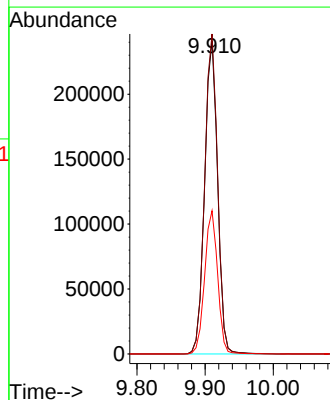
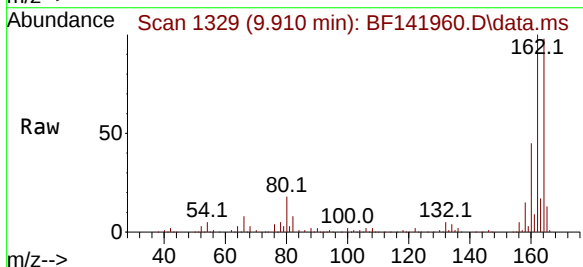
Delta R.T. -0.006 min

Lab File: BF141960.D

Acq: 14 Mar 2025 12:37

Tgt Ion:164 Resp: 319438

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.6
160	45.7	36.7	55.1





#42

2,4,6-Tribromophenol

Concen: 154.244 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF141960.D

Acq: 14 Mar 2025 12:37

Instrument :

BNA_F

ClientSampleId :

PB167103TB

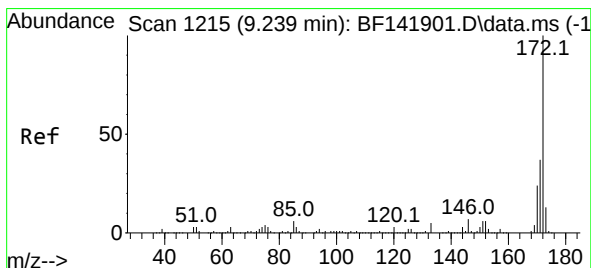
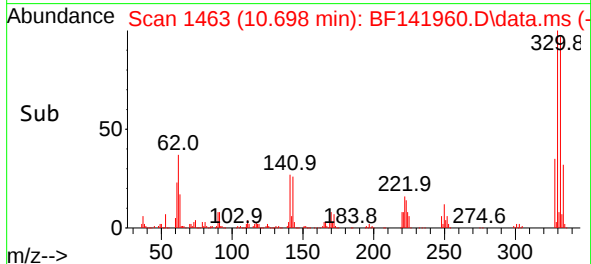
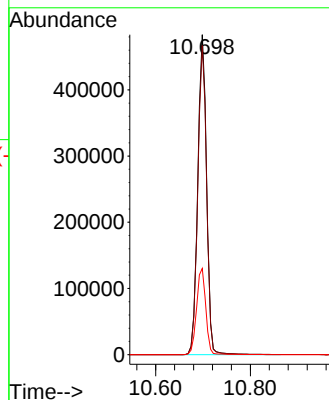
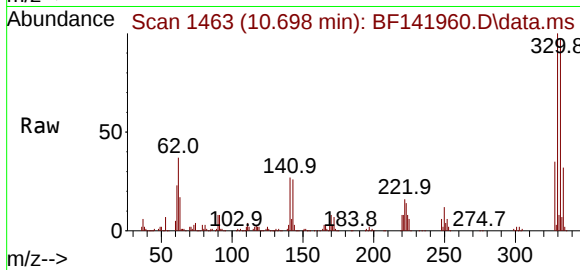
Tgt Ion:330 Resp: 625074

Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

141 28.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 103.876 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141960.D

Acq: 14 Mar 2025 12:37

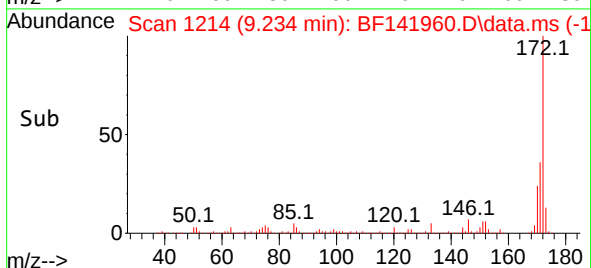
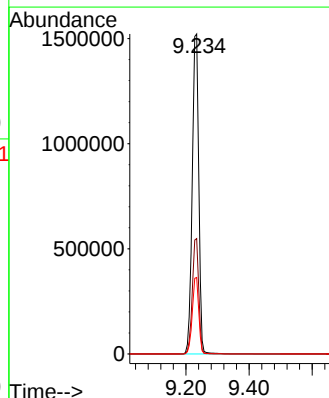
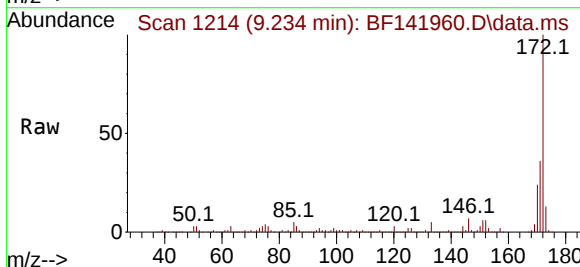
Tgt Ion:172 Resp: 2181862

Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

170 23.9 19.4 29.0

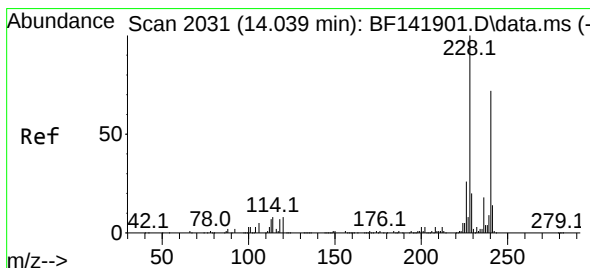
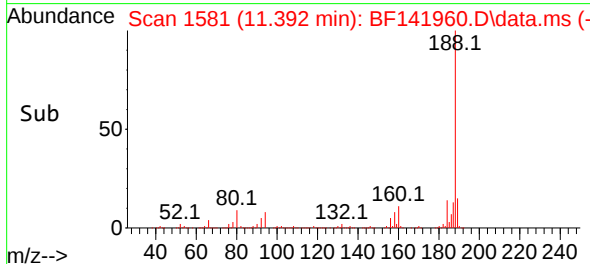
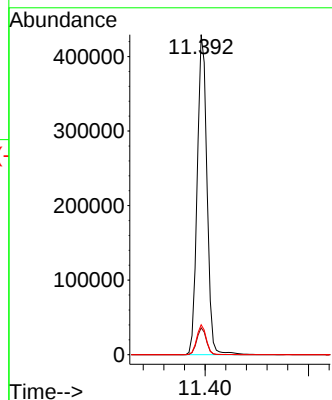
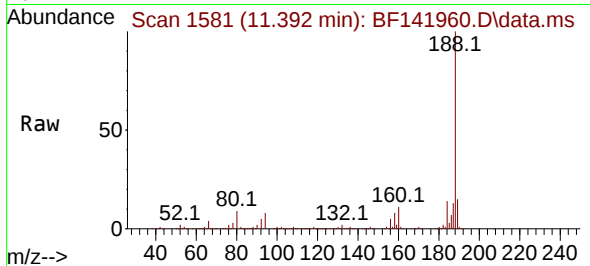




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11392
Delta R.T. -0.012 min
Lab File: BF141960.D
Acq: 14 Mar 2025 12:37

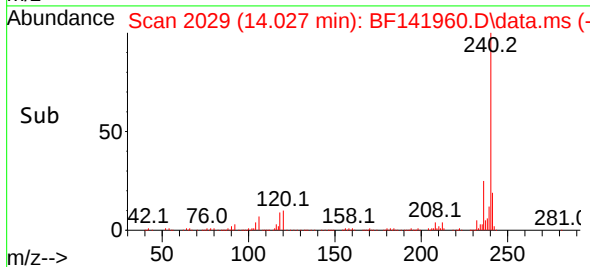
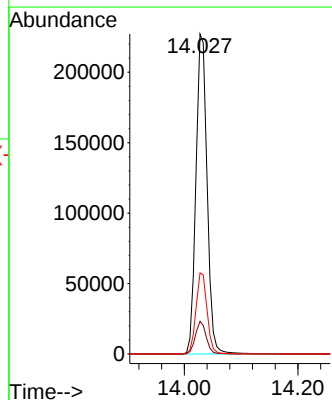
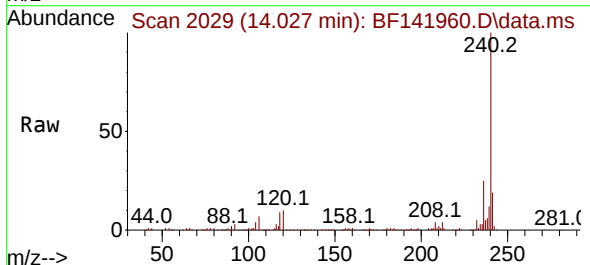
Instrument :
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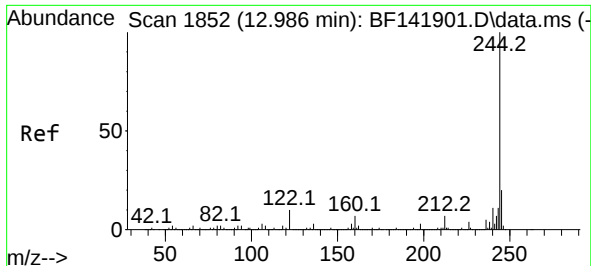
Tgt Ion:188 Resp: 562004
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF141960.D
Acq: 14 Mar 2025 12:37

Tgt Ion:240 Resp: 311491
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 25.3 20.5 30.7

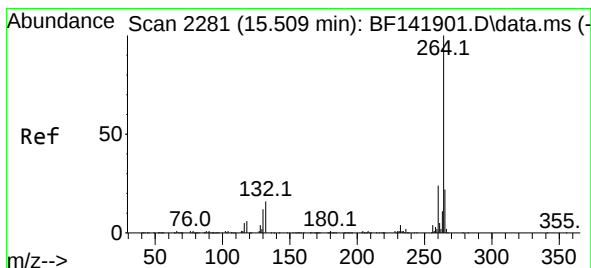
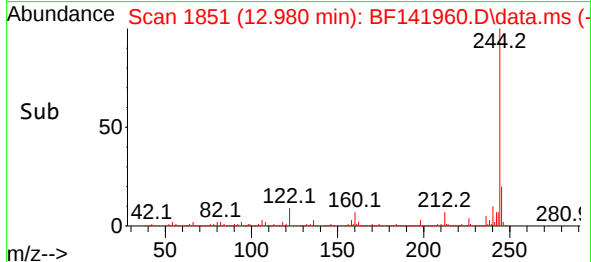
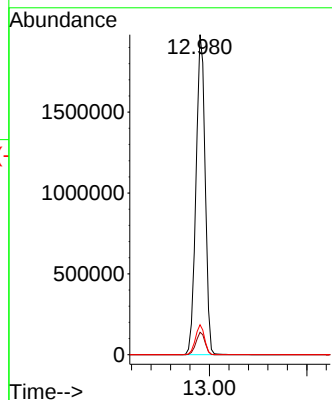
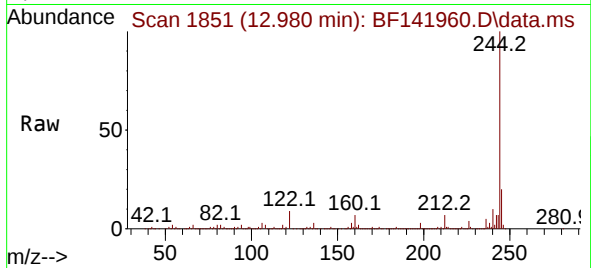




#79
 Terphenyl-d14
 Concen: 123.253 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF141960.D
 Acq: 14 Mar 2025 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB167103TB

Tgt Ion:244 Resp: 2596782
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.3 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: BF141960.D
 Acq: 14 Mar 2025 12:37

Tgt Ion:264 Resp: 314533
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.5 17.5 26.3

