

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
 Data File : BF141836.D
 Acq On : 05 Mar 2025 10:39
 Operator : RC/JU
 Sample : PB166970BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166970BL

Quant Time: Mar 05 11:28:05 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	6.886	152	244194	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	957285	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	526428	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	923842	20.000	ng	0.00
76) Chrysene-d12	14.039	240	795728	20.000	ng	-0.01
86) Perylene-d12	15.509	264	671509	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2044304	133.694	ng	0.02
7) Phenol-d6	6.504	99	2565744	128.916	ng	0.00
23) Nitrobenzene-d5	7.439	82	1664657	111.153	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	803381	162.555	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	3037773	92.528	ng	0.00
79) Terphenyl-d14	12.992	244	3887334	79.039	ng	0.00

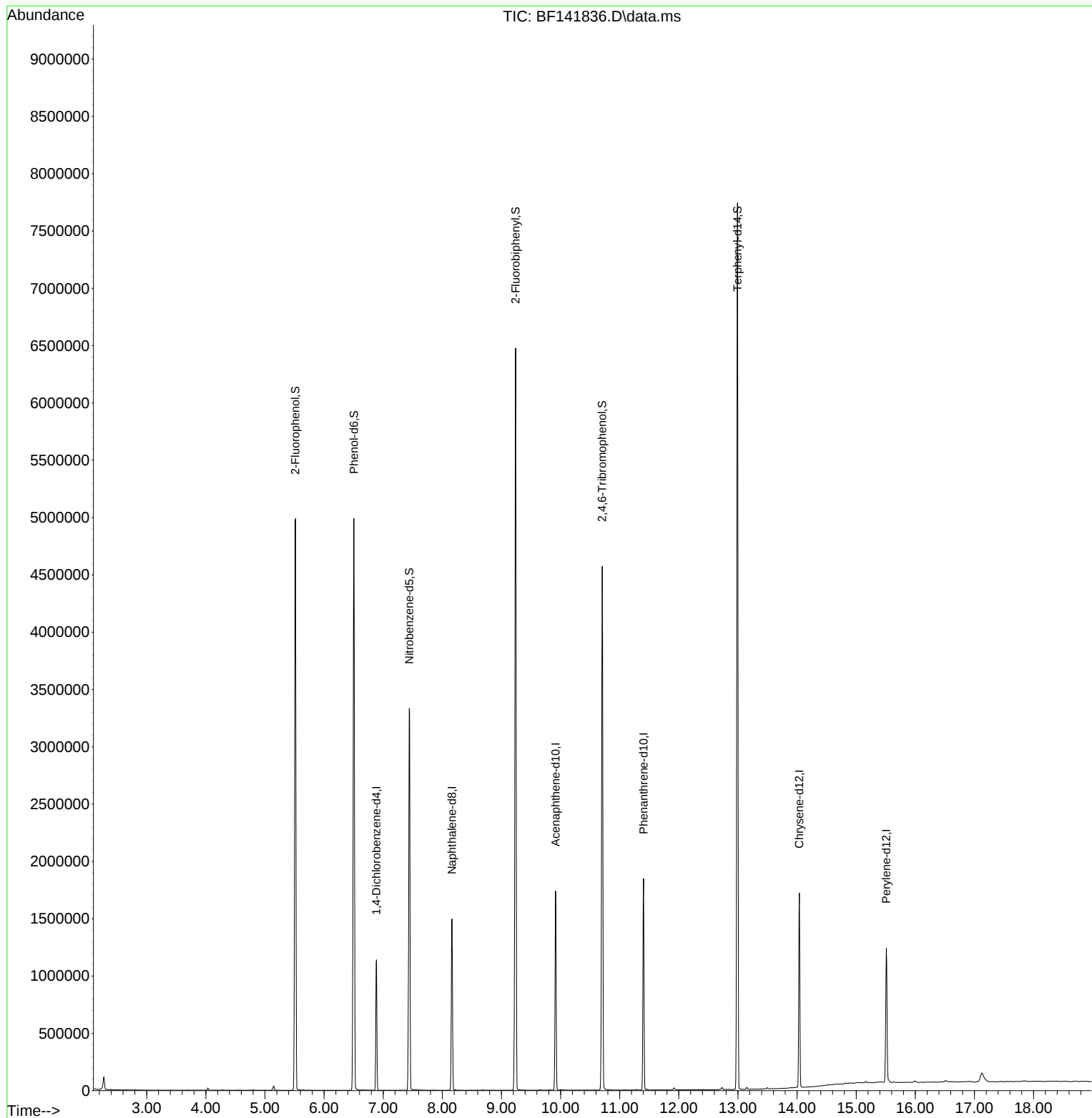
Target Compounds	Qvalue

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

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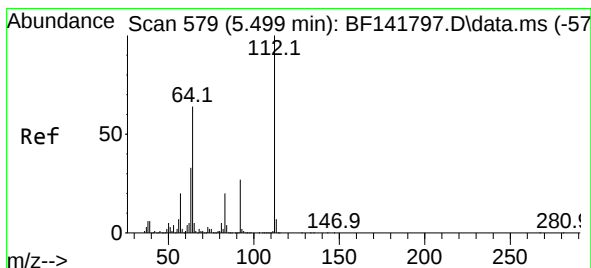
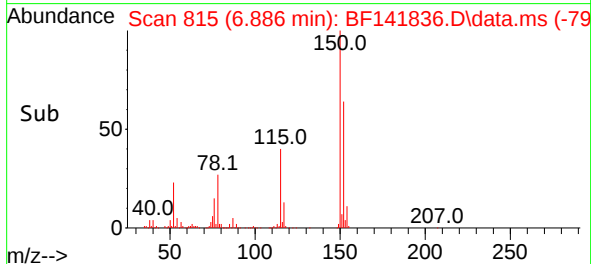
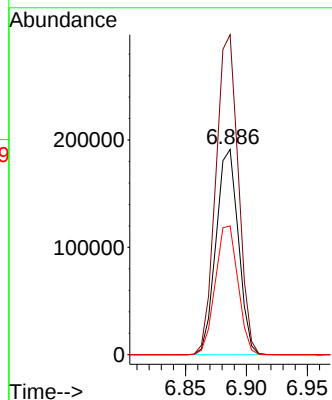
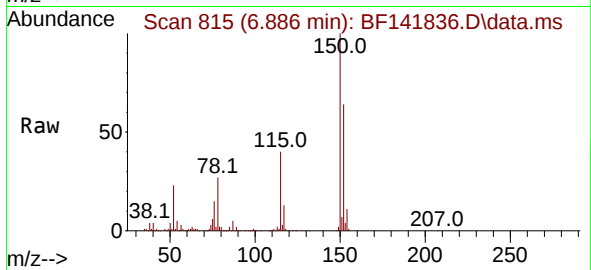




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BF141836.D
 Acq: 05 Mar 2025 10:39

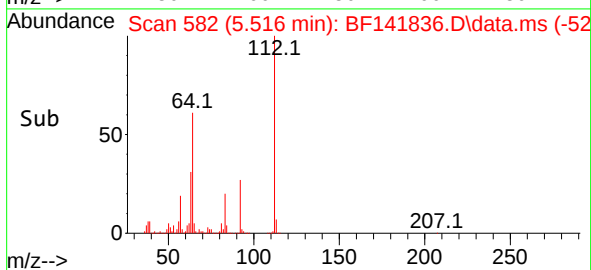
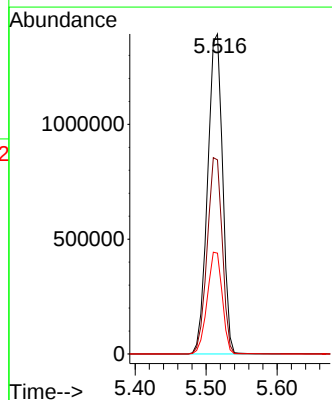
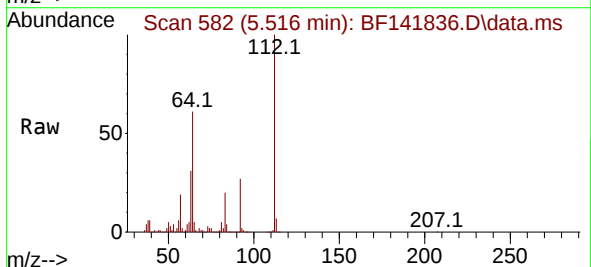
Instrument :
 BNA_F
 ClientSampleId :
 PB166970BL

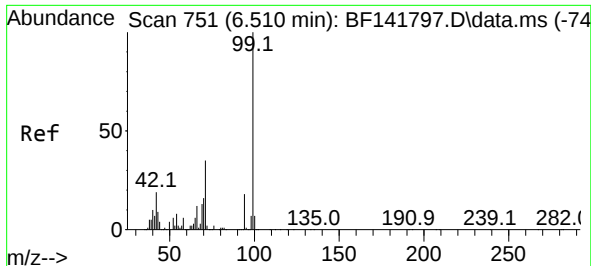
Tgt Ion:152 Resp: 244194
 Ion Ratio Lower Upper
 152 100
 150 155.8 127.5 191.3
 115 62.7 51.4 77.2



#5
 2-Fluorophenol
 Concen: 133.694 ng
 RT: 5.516 min Scan# 582
 Delta R.T. 0.017 min
 Lab File: BF141836.D
 Acq: 05 Mar 2025 10:39

Tgt Ion:112 Resp: 2044304
 Ion Ratio Lower Upper
 112 100
 64 60.6 51.3 76.9
 63 31.5 26.2 39.4

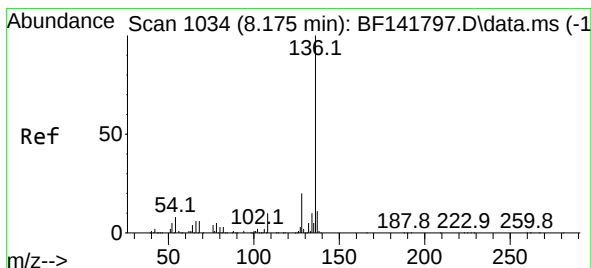
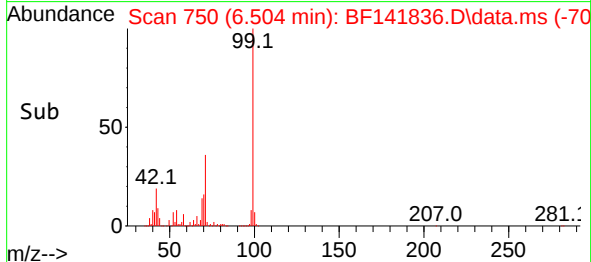
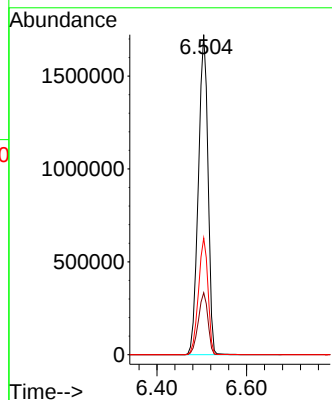
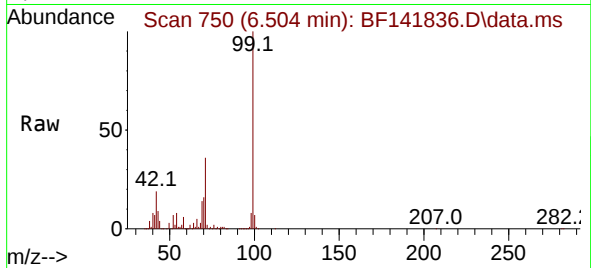




#7
Phenol-d6
Concen: 128.916 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141836.D
Acq: 05 Mar 2025 10:39

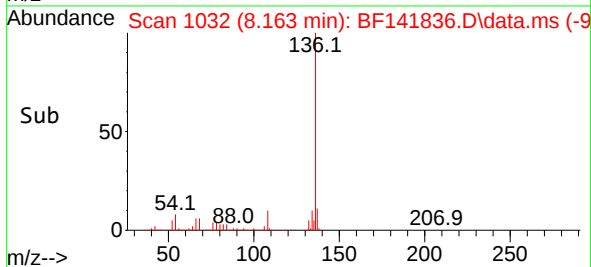
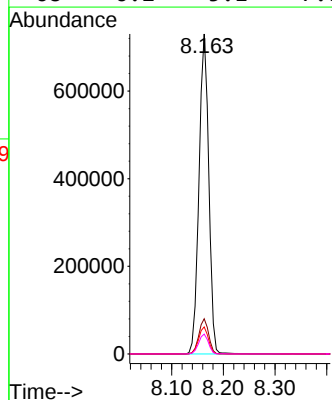
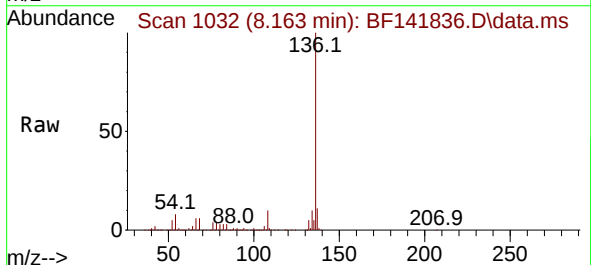
Instrument :
BNA_F
ClientSampleId :
PB166970BL

Tgt Ion: 99 Resp: 2565744
Ion Ratio Lower Upper
99 100
42 19.3 15.2 22.8
71 36.4 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: BF141836.D
Acq: 05 Mar 2025 10:39

Tgt Ion:136 Resp: 957285
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.4 6.9 10.3
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 111.153 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF141836.D

Acq: 05 Mar 2025 10:39

Instrument :

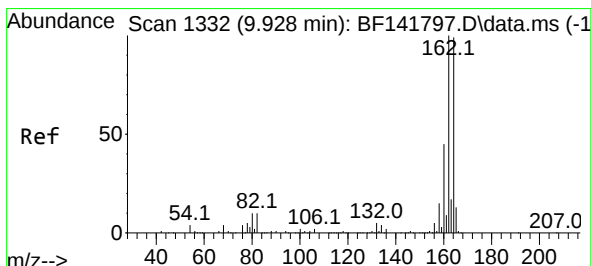
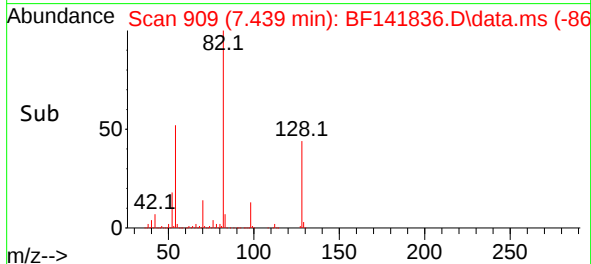
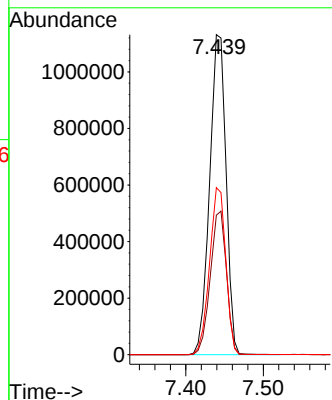
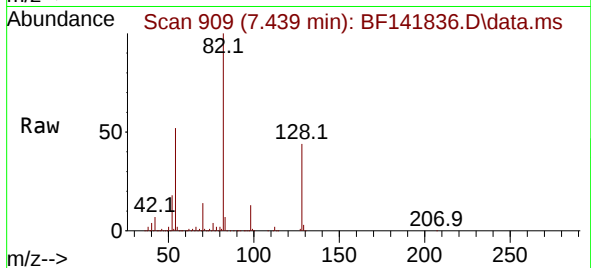
BNA_F

ClientSampleId :

PB166970BL

Tgt Ion: 82 Resp: 1664657

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.5	50.3
54	52.2	42.7	64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

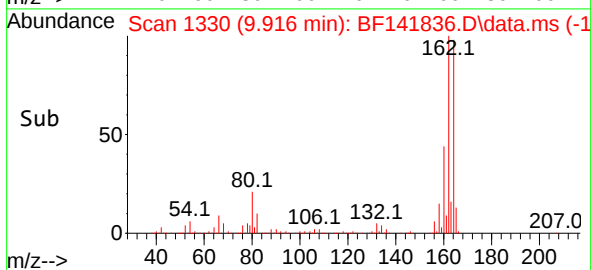
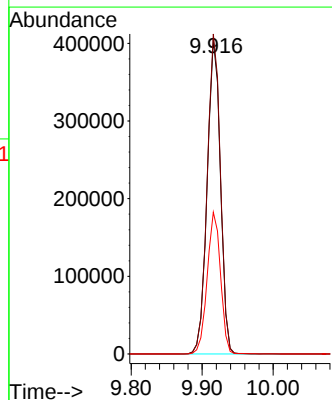
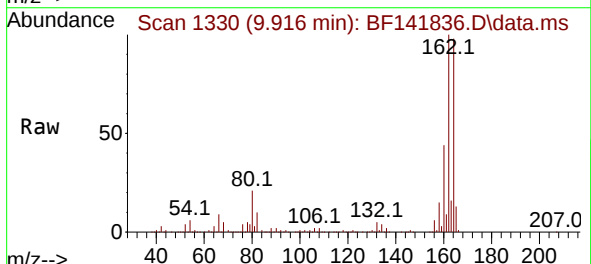
Delta R.T. -0.012 min

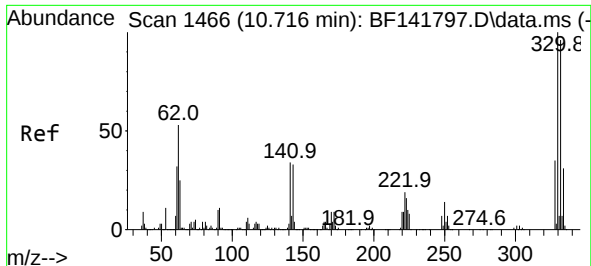
Lab File: BF141836.D

Acq: 05 Mar 2025 10:39

Tgt Ion: 164 Resp: 526428

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	45.2	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 162.555 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF141836.D

Acq: 05 Mar 2025 10:39

Instrument :

BNA_F

ClientSampleId :

PB166970BL

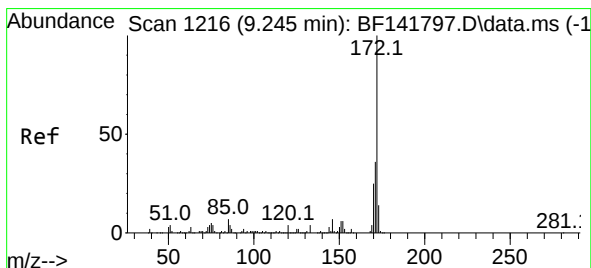
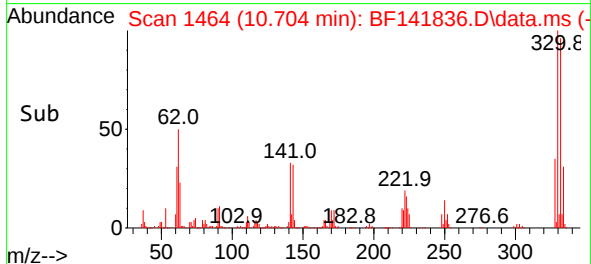
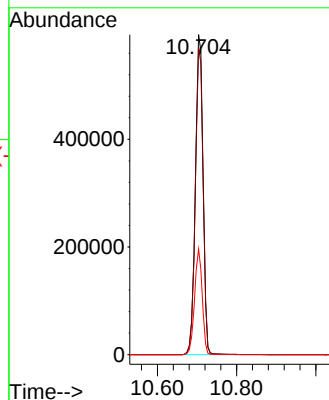
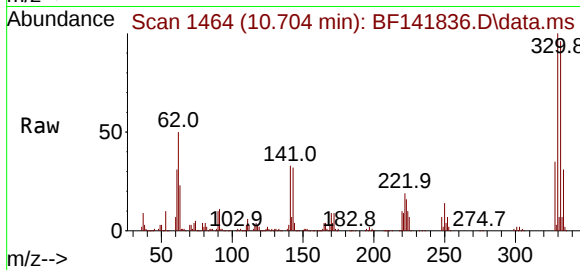
Tgt Ion:330 Resp: 803381

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

141 32.8 29.0 43.4



#45

2-Fluorobiphenyl

Concen: 92.528 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141836.D

Acq: 05 Mar 2025 10:39

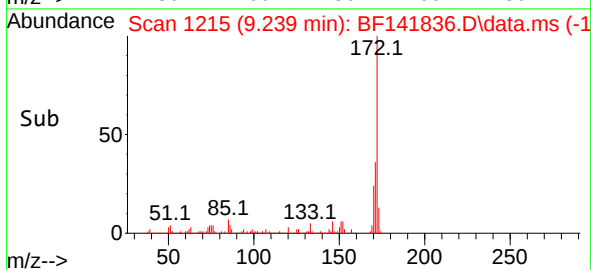
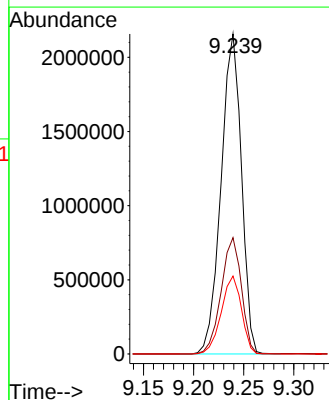
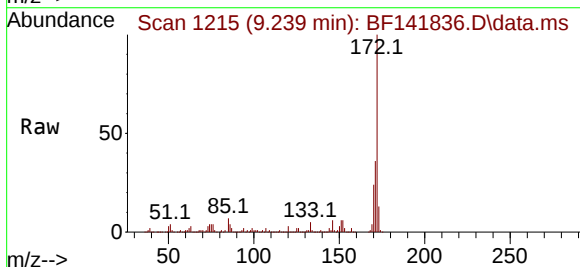
Tgt Ion:172 Resp: 3037773

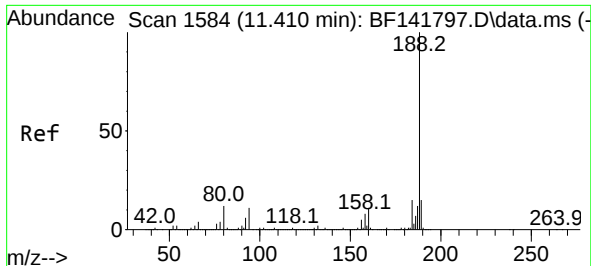
Ion Ratio Lower Upper

172 100

171 36.4 29.2 43.8

170 24.3 19.7 29.5

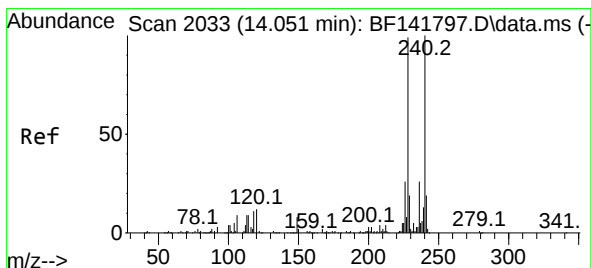
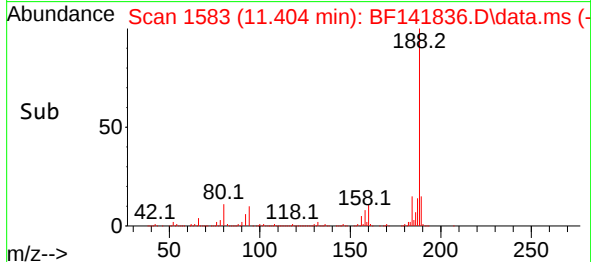
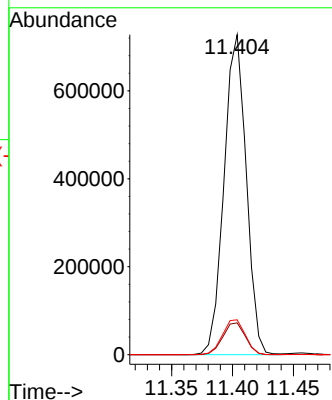
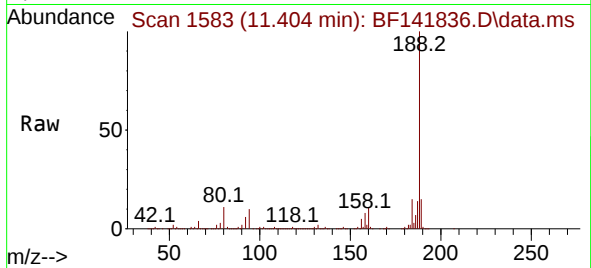




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141836.D
Acq: 05 Mar 2025 10:39

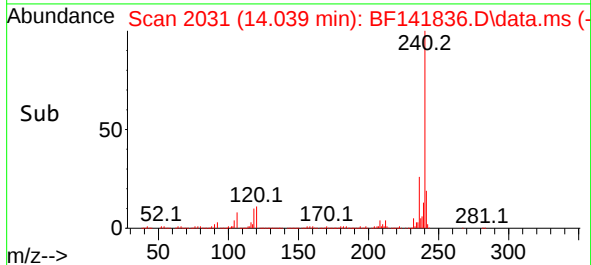
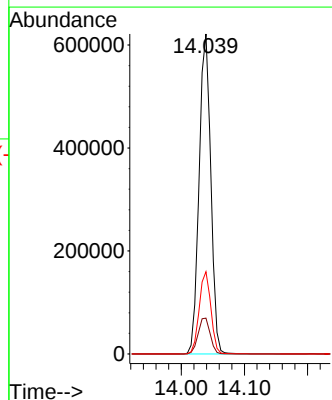
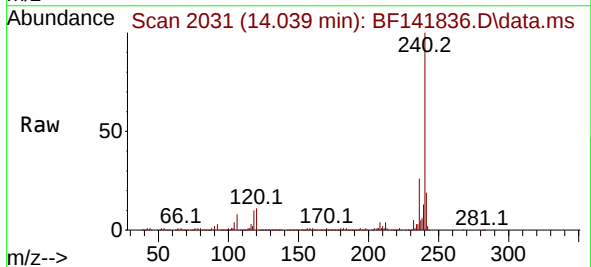
Instrument :
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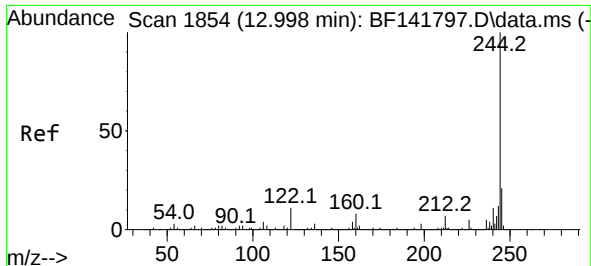
Tgt Ion:188 Resp: 923842
Ion Ratio Lower Upper
188 100
94 9.9 8.9 13.3
80 10.9 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF141836.D
Acq: 05 Mar 2025 10:39

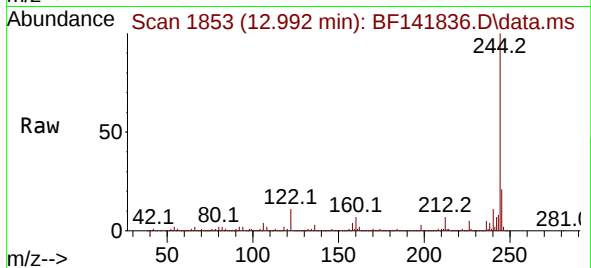
Tgt Ion:240 Resp: 795728
Ion Ratio Lower Upper
240 100
120 11.2 9.7 14.5
236 25.7 21.0 31.4



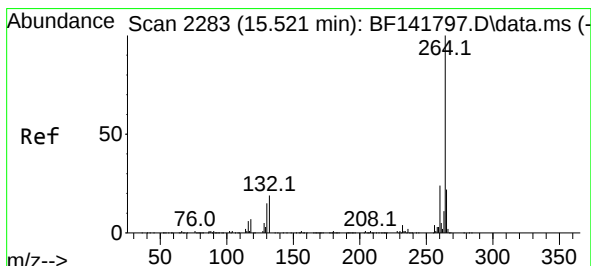
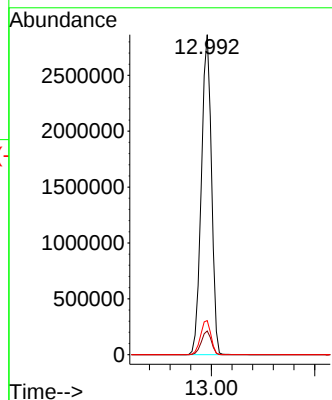
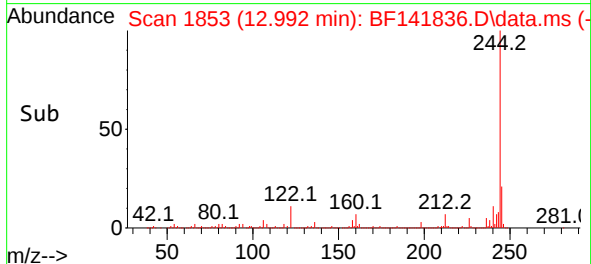


#79
 Terphenyl-d14
 Concen: 79.039 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF141836.D
 Acq: 05 Mar 2025 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB166970BL



Tgt Ion:244 Resp: 3887334
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.7 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2281
 Delta R.T. -0.012 min
 Lab File: BF141836.D
 Acq: 05 Mar 2025 10:39

Tgt Ion:264 Resp: 671509
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 22.0 17.4 26.0

