

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139530.D
 Acq On : 25 Sep 2024 15:44
 Operator : RC/JU
 Sample : PB163661BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163661BL

Quant Time: Sep 25 16:05:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66825	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	244178	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	128439	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	235575	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	137899	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	117304	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	462714	112.959	ng	0.00
7) Phenol-d6	6.504	99	597434	111.116	ng	0.00
23) Nitrobenzene-d5	7.439	82	393300	75.722	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	132560	96.944	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	696220	76.025	ng	0.00
79) Terphenyl-d14	12.980	244	712178	84.769	ng	0.00

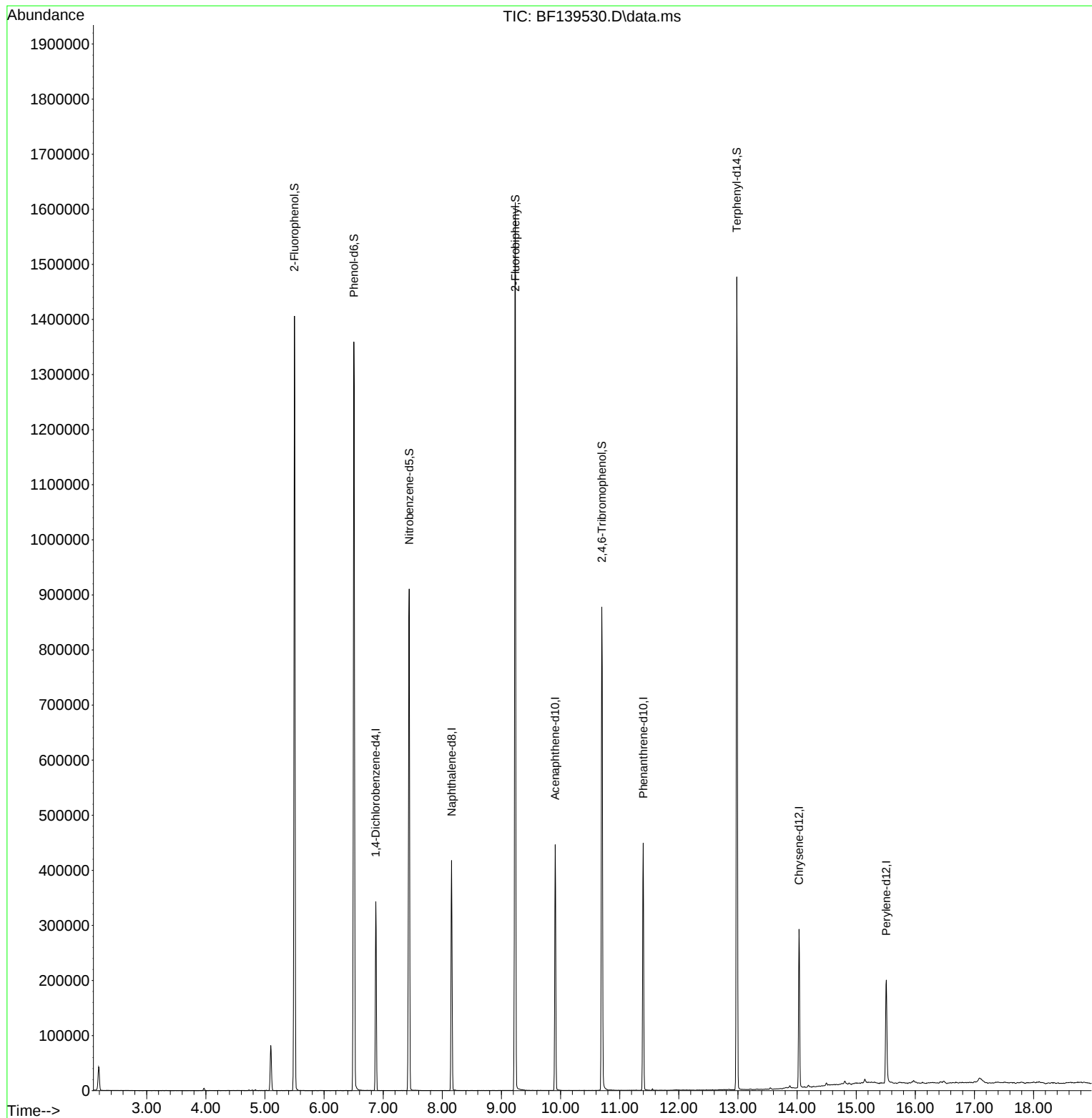
Target Compounds	Qvalue

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

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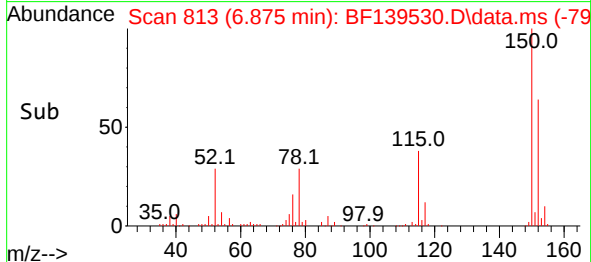
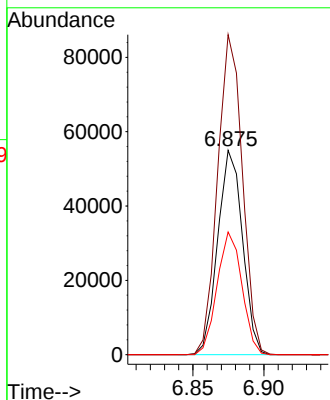
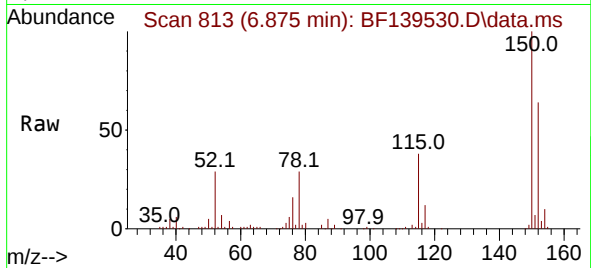




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139530.D
Acq: 25 Sep 2024 15:44

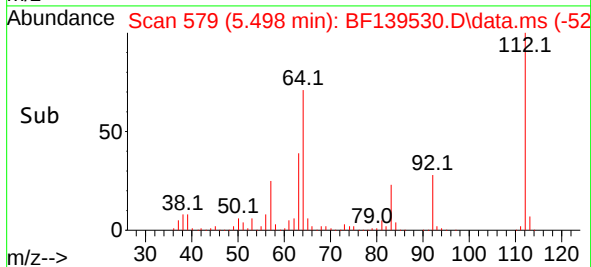
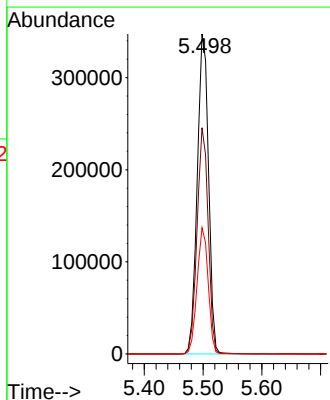
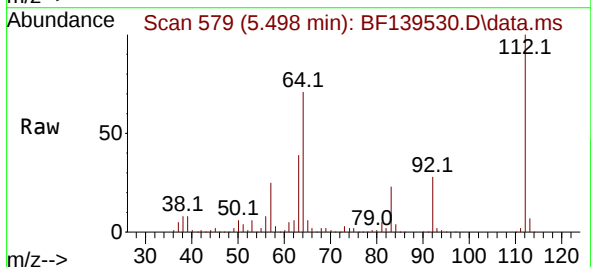
Instrument :
BNA_F
ClientSampleId :
PB163661BL

Tgt Ion:152 Resp: 66825
Ion Ratio Lower Upper
152 100
150 156.7 124.1 186.1
115 60.1 48.1 72.1



#5
2-Fluorophenol
Concen: 112.959 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139530.D
Acq: 25 Sep 2024 15:44

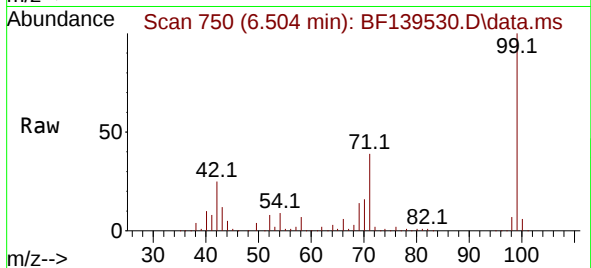
Tgt Ion:112 Resp: 462714
Ion Ratio Lower Upper
112 100
64 70.7 54.8 82.2
63 39.5 33.0 49.4





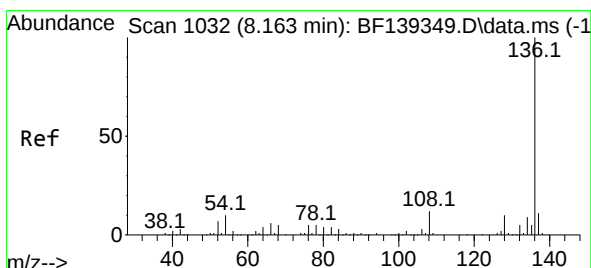
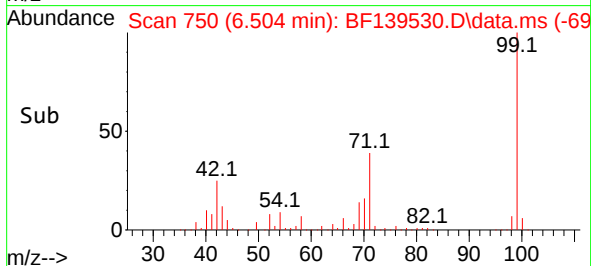
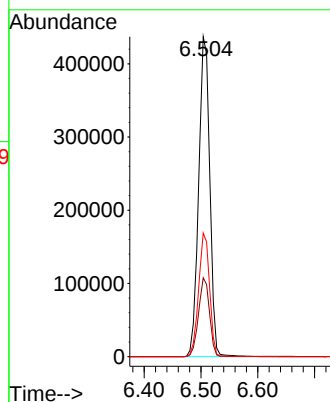
#7
Phenol-d6
Concen: 111.116 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139530.D
Acq: 25 Sep 2024 15:44

Instrument :
BNA_F
ClientSampleId :
PB163661BL



Tgt Ion: 99 Resp: 597434

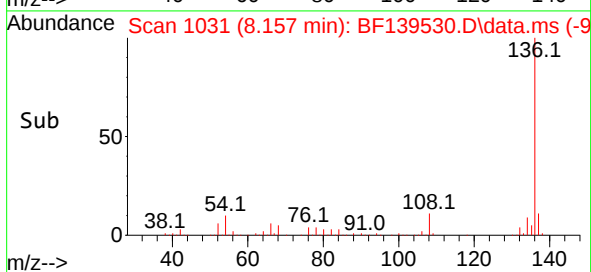
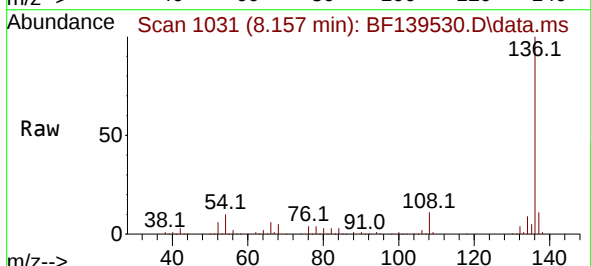
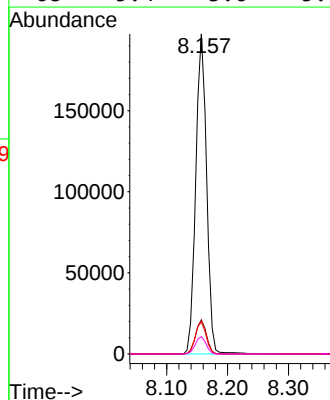
Ion	Ratio	Lower	Upper
99	100		
42	24.7	21.9	32.9
71	38.6	34.6	52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139530.D
Acq: 25 Sep 2024 15:44

Tgt Ion: 136 Resp: 244178

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	10.0	7.8	11.8
68	5.4	3.6	5.4

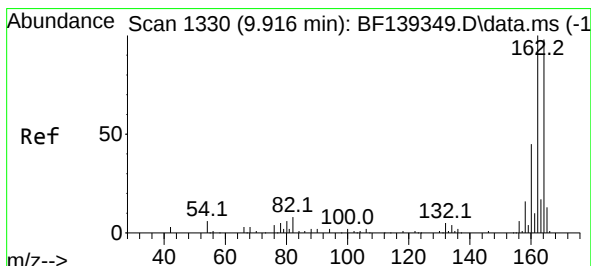
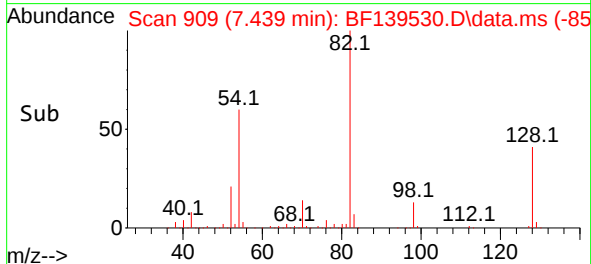
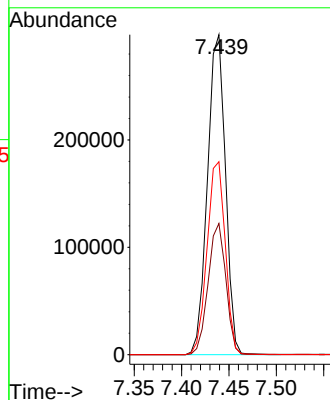
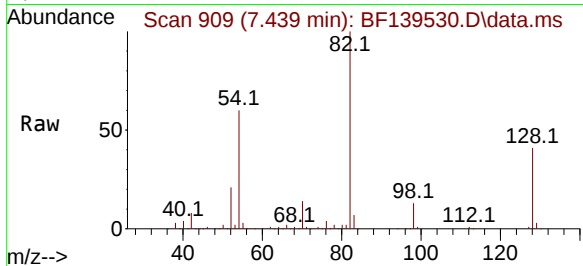




#23
Nitrobenzene-d5
Concen: 75.722 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139530.D
Acq: 25 Sep 2024 15:44

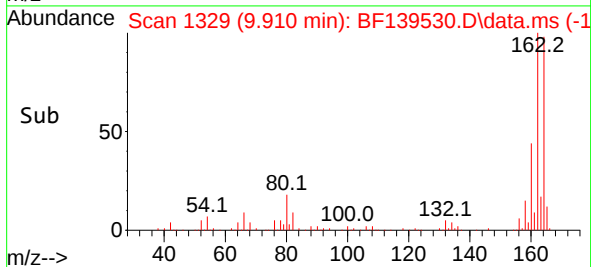
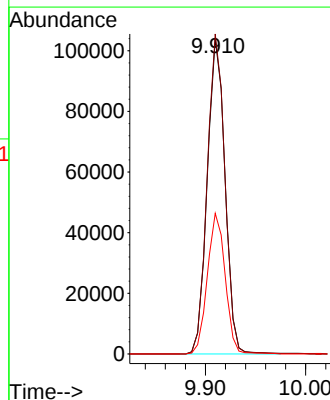
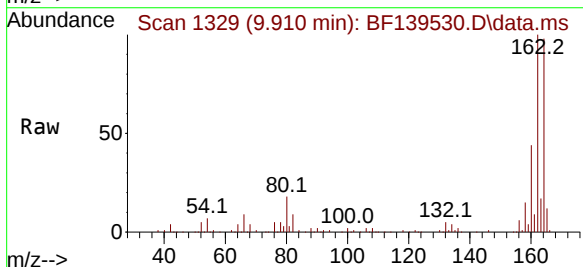
Instrument :
BNA_F
ClientSampleId :
PB163661BL

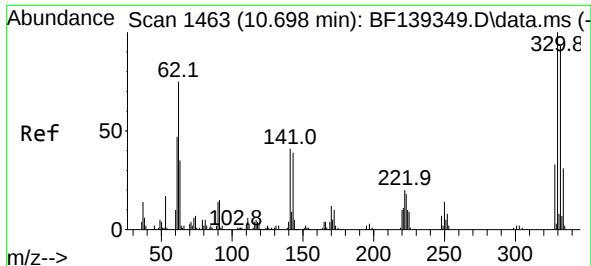
Tgt Ion: 82 Resp: 393300
Ion Ratio Lower Upper
82 100
128 41.0 31.8 47.6
54 60.3 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139530.D
Acq: 25 Sep 2024 15:44

Tgt Ion:164 Resp: 128439
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 44.7 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 96.944 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139530.D

Acq: 25 Sep 2024 15:44

Instrument :

BNA_F

ClientSampleId :

PB163661BL

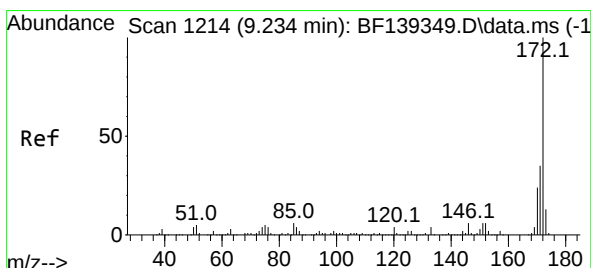
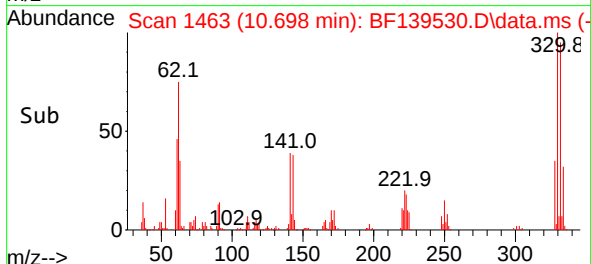
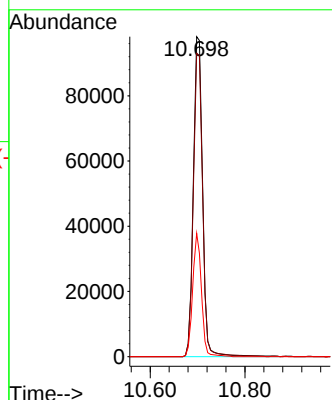
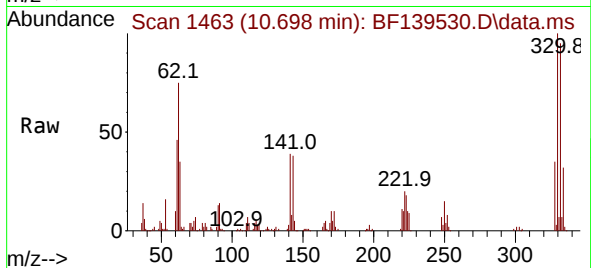
Tgt Ion:330 Resp: 132560

Ion Ratio Lower Upper

330 100

332 94.8 75.2 112.8

141 36.5 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 76.025 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139530.D

Acq: 25 Sep 2024 15:44

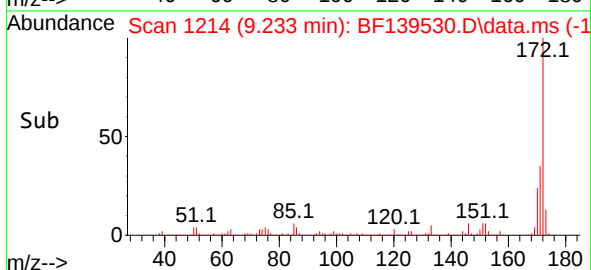
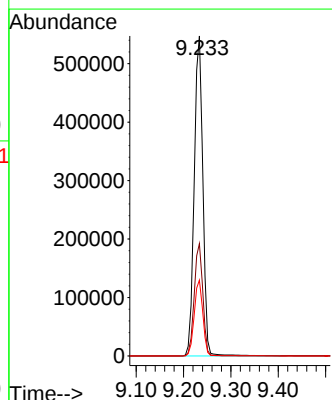
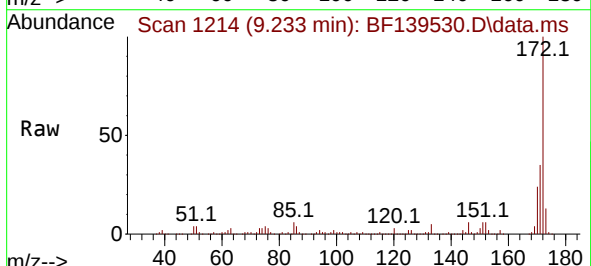
Tgt Ion:172 Resp: 696220

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139530.D

Acq: 25 Sep 2024 15:44

Instrument :

BNA_F

ClientSampleId :

PB163661BL

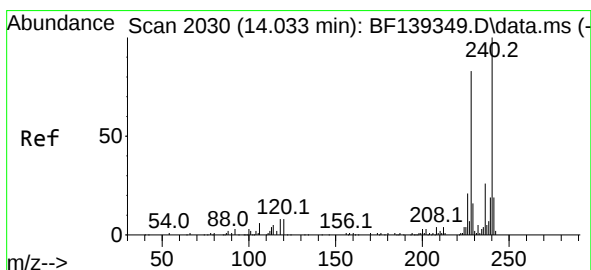
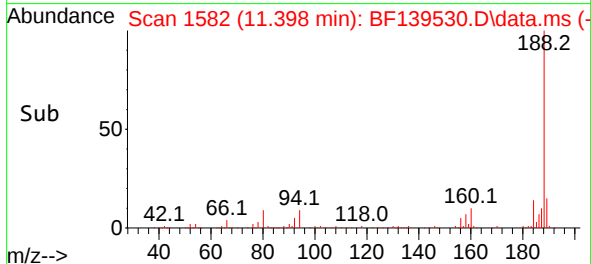
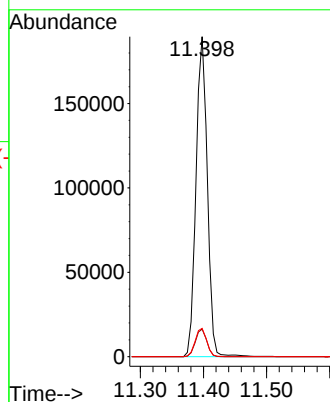
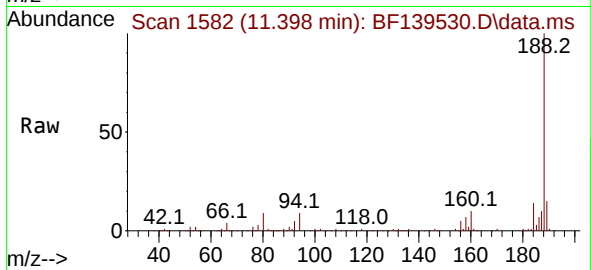
Tgt Ion:188 Resp: 235575

Ion Ratio Lower Upper

188 100

94 8.6 5.5 8.3#

80 8.8 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139530.D

Acq: 25 Sep 2024 15:44

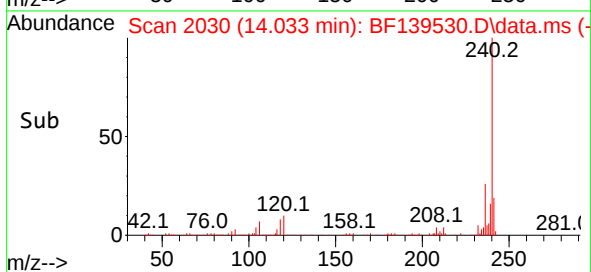
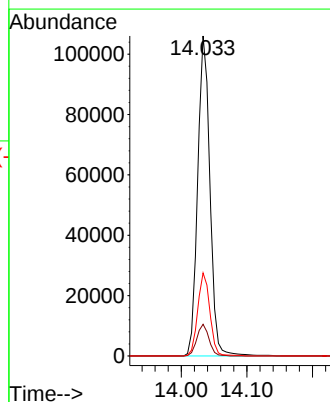
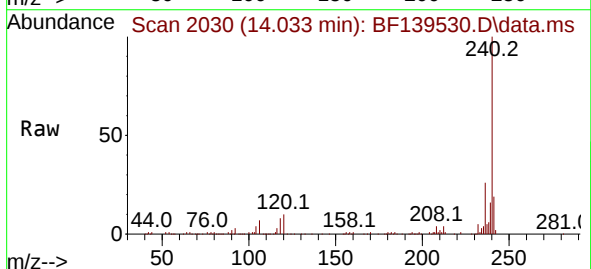
Tgt Ion:240 Resp: 137899

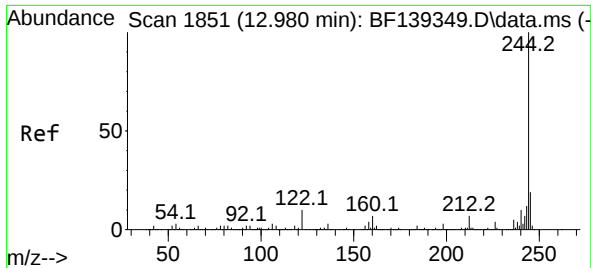
Ion Ratio Lower Upper

240 100

120 9.9 6.2 9.2#

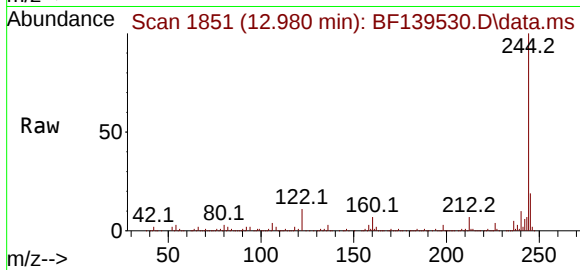
236 26.0 20.9 31.3



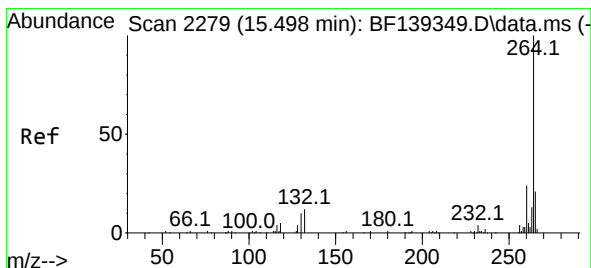
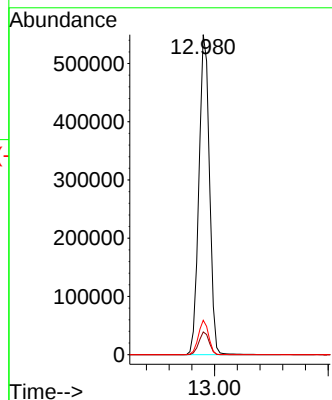
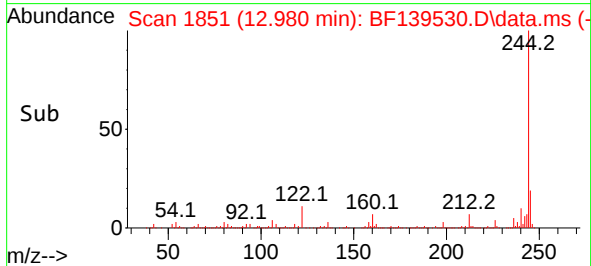


#79
 Terphenyl-d14
 Concen: 84.769 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139530.D
 Acq: 25 Sep 2024 15:44

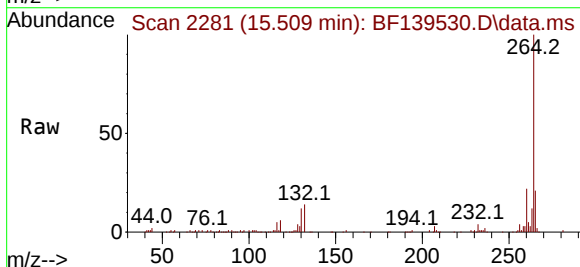
Instrument :
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Tgt Ion:244 Resp: 712178
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.8 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2281
 Delta R.T. 0.012 min
 Lab File: BF139530.D
 Acq: 25 Sep 2024 15:44



Tgt Ion:264 Resp: 117304
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 21.2 16.6 25.0

