

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139854.D
 Acq On : 18 Oct 2024 15:21
 Operator : RC/JU
 Sample : P4405-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-121

Quant Time: Oct 18 15:47:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

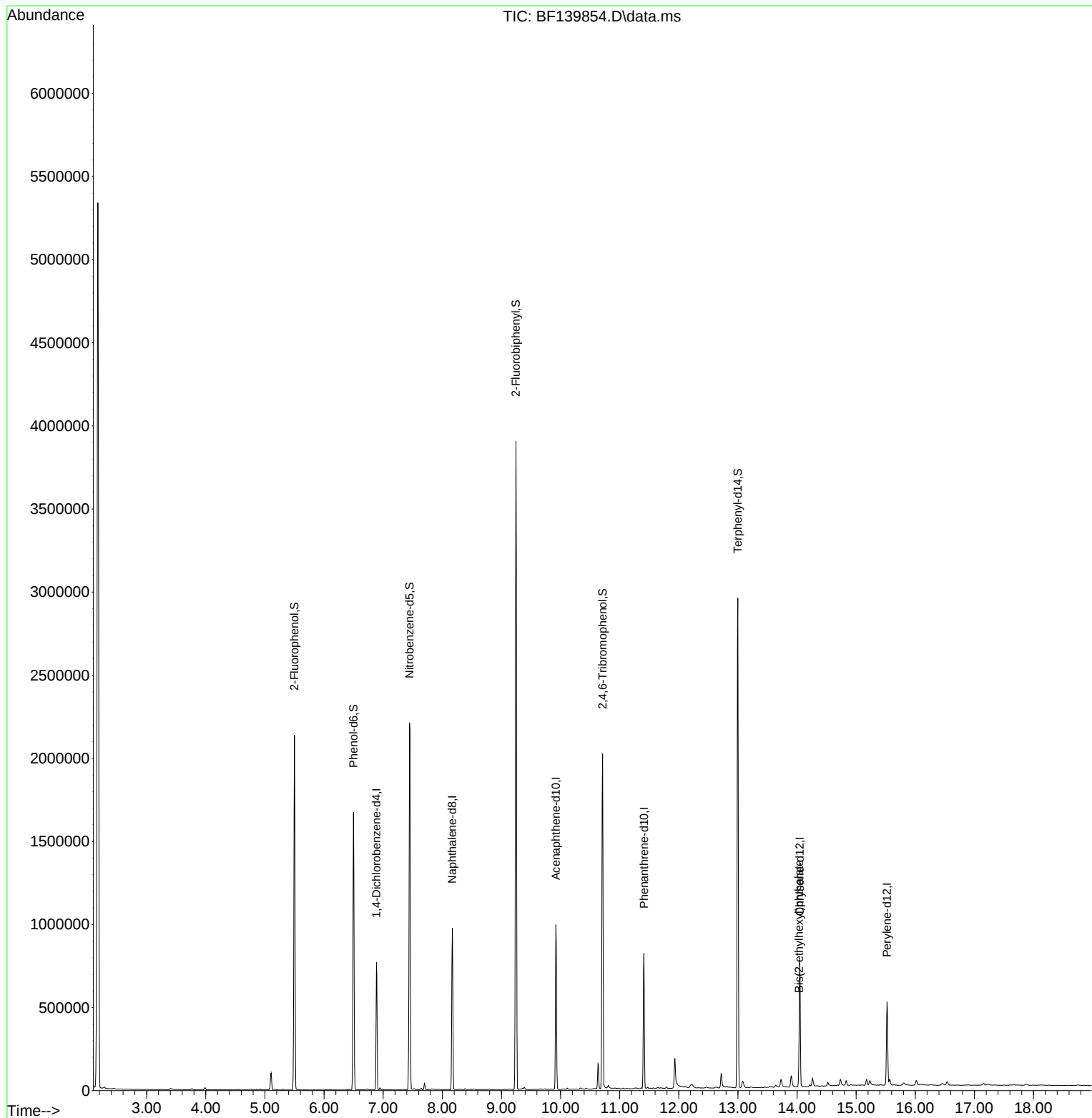
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	151163	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	561497	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	281527	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	411435	20.000	ng	0.00
76) Chrysene-d12	14.045	240	336325	20.000	ng	0.00
86) Perylene-d12	15.521	264	284413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	752206	77.901	ng	0.00
7) Phenol-d6	6.498	99	728556	58.256	ng	-0.01
23) Nitrobenzene-d5	7.445	82	995357	98.249	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	321060	121.922	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1669397	98.002	ng	0.00
79) Terphenyl-d14	12.998	244	1459525	70.713	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.033	149	21540	2.175	ng	Qvalue # 95

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

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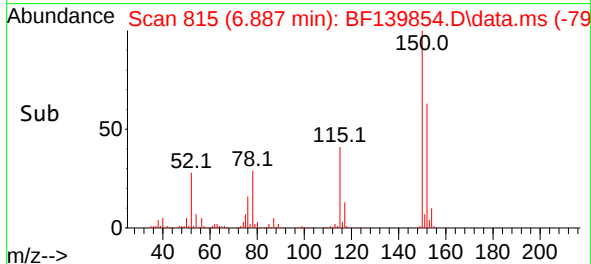
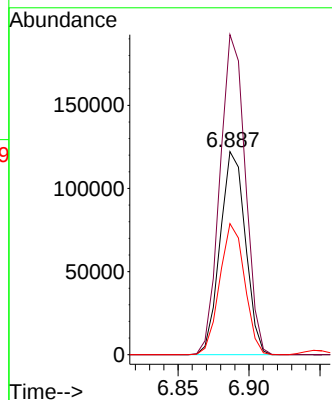
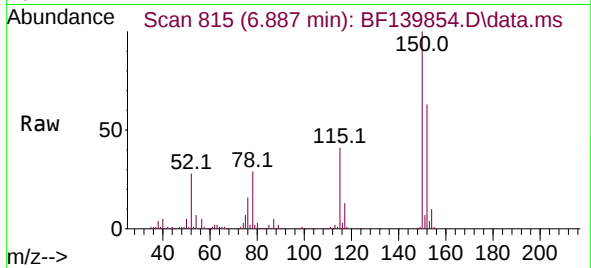




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

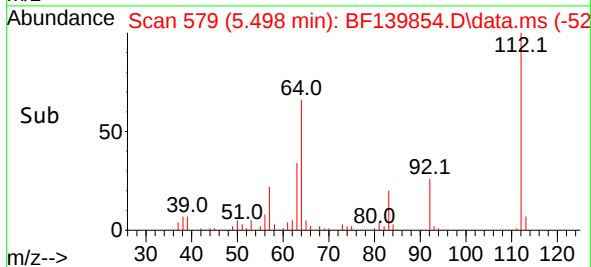
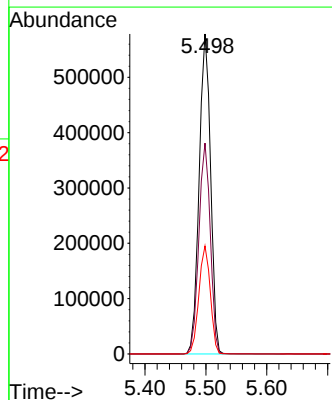
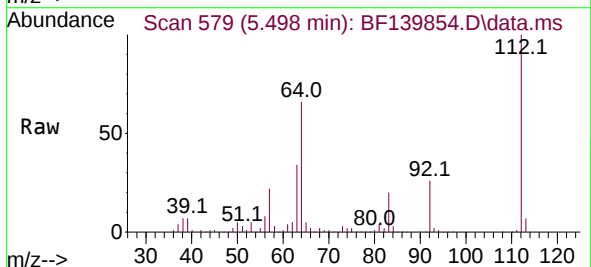
Instrument :
BNA_F
ClientSampleId :
MH-121

Tgt Ion:152 Resp: 151163
Ion Ratio Lower Upper
152 100
150 157.5 130.2 195.2
115 64.5 51.4 77.2



#5
2-Fluorophenol
Concen: 77.901 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

Tgt Ion:112 Resp: 752206
Ion Ratio Lower Upper
112 100
64 65.9 53.0 79.6
63 33.8 27.0 40.4

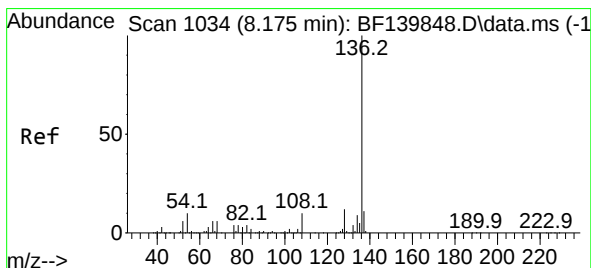
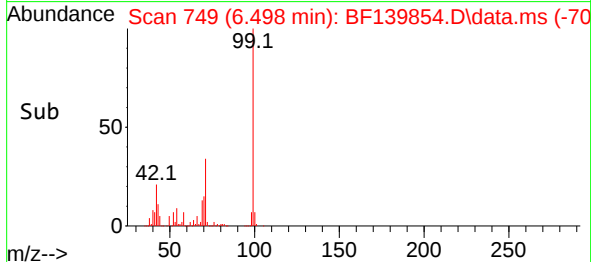
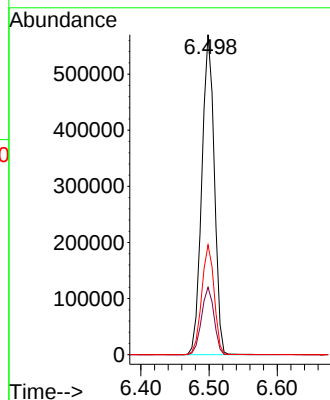
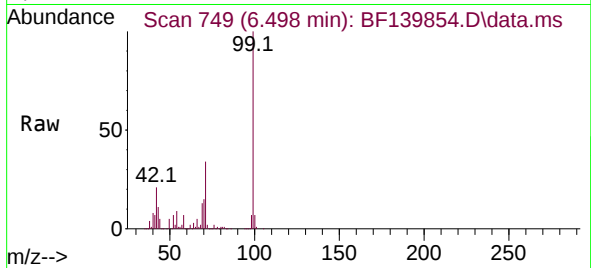




#7
Phenol-d6
Concen: 58.256 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

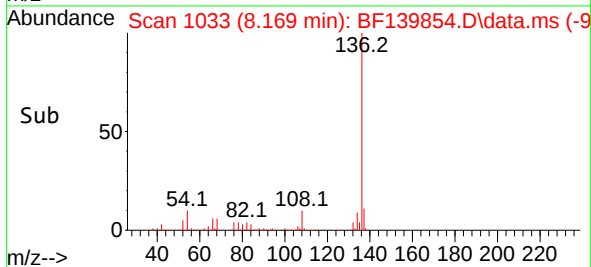
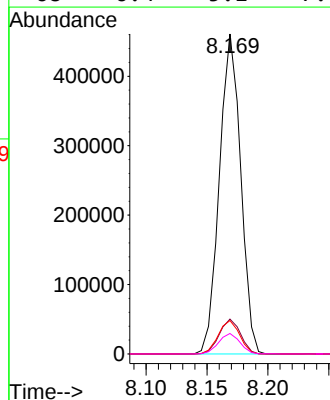
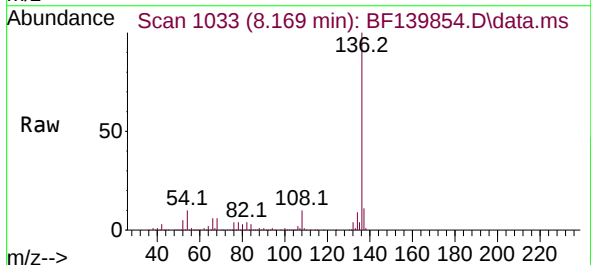
Instrument :
BNA_F
ClientSampleId :
MH-121

Tgt Ion: 99 Resp: 728556
Ion Ratio Lower Upper
99 100
42 21.1 16.7 25.1
71 34.3 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

Tgt Ion: 136 Resp: 561497
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.5 8.4 12.6
68 6.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 98.249 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139854.D

Acq: 18 Oct 2024 15:21

Instrument :

BNA_F

ClientSampleId :

MH-121

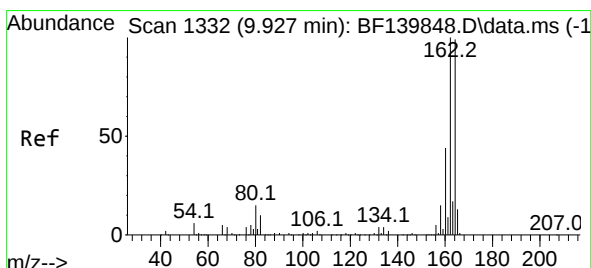
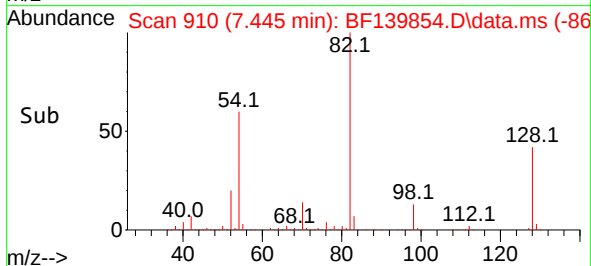
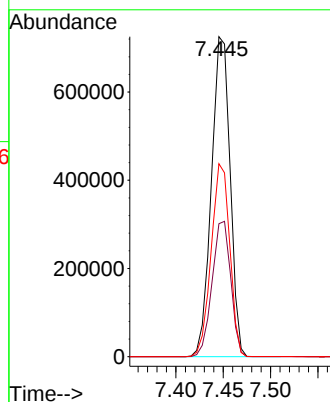
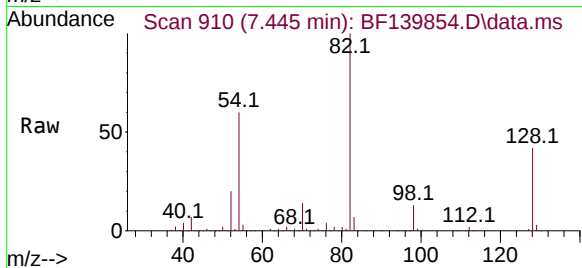
Tgt Ion: 82 Resp: 995357

Ion Ratio Lower Upper

82 100

128 41.5 33.4 50.0

54 60.3 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.005 min

Lab File: BF139854.D

Acq: 18 Oct 2024 15:21

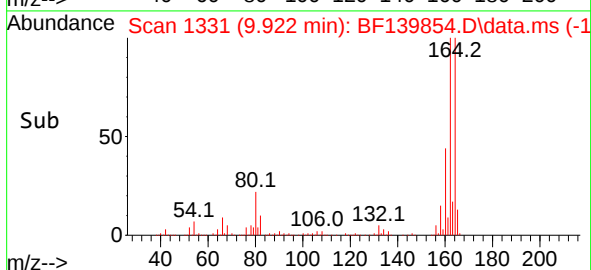
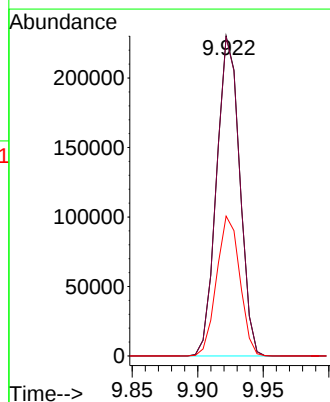
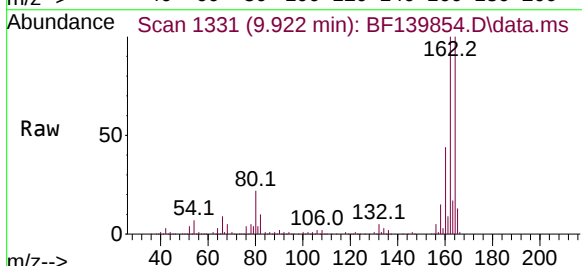
Tgt Ion:164 Resp: 281527

Ion Ratio Lower Upper

164 100

162 99.6 81.0 121.4

160 43.7 35.4 53.0

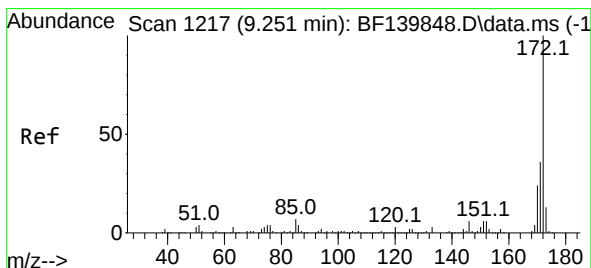
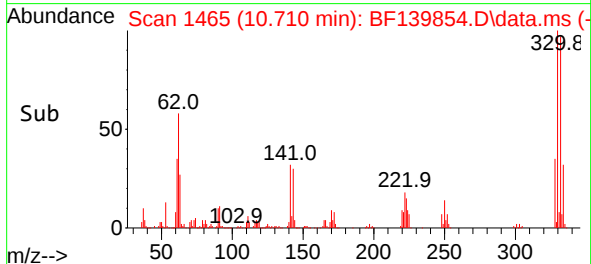
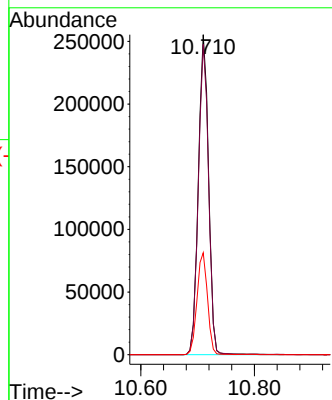
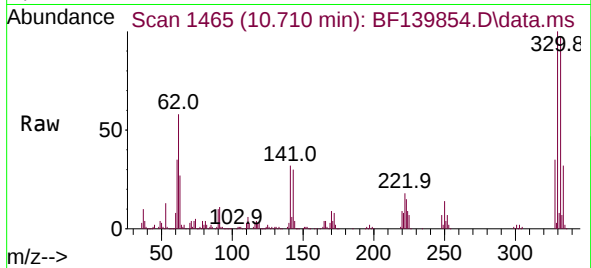




#42
2,4,6-Tribromophenol
Concen: 121.922 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

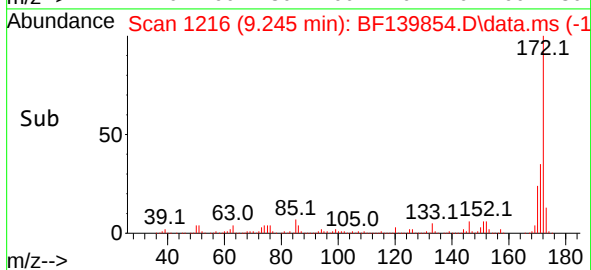
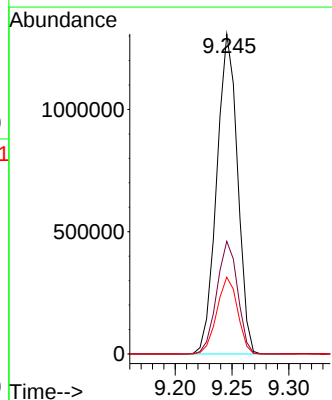
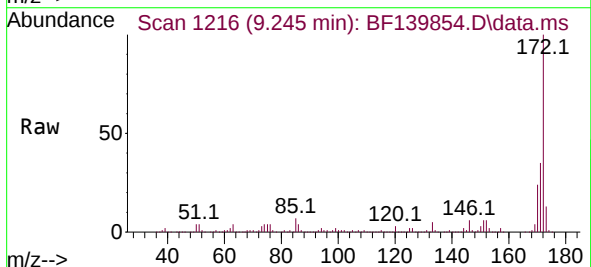
Instrument :
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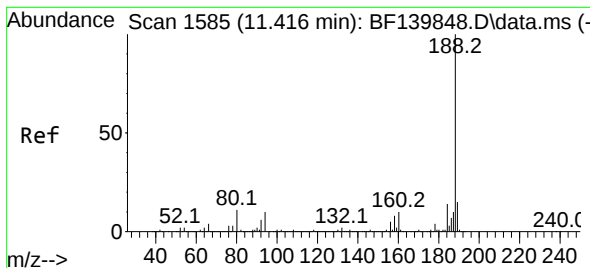
Tgt Ion: 330 Resp: 321060
Ion Ratio Lower Upper
330 100
332 96.8 78.1 117.1
141 32.5 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 98.002 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139854.D
Acq: 18 Oct 2024 15:21

Tgt Ion: 172 Resp: 1669397
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 24.0 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139854.D

Acq: 18 Oct 2024 15:21

Instrument :

BNA_F

ClientSampleId :

MH-121

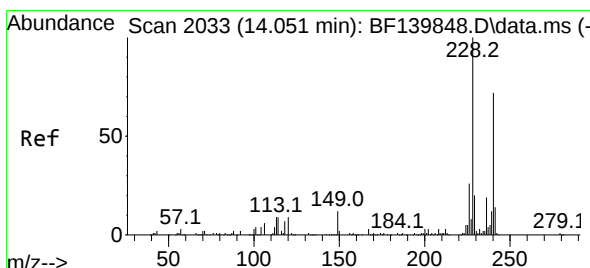
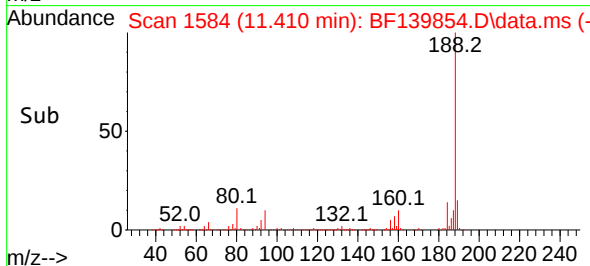
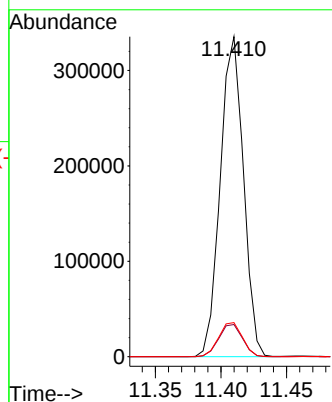
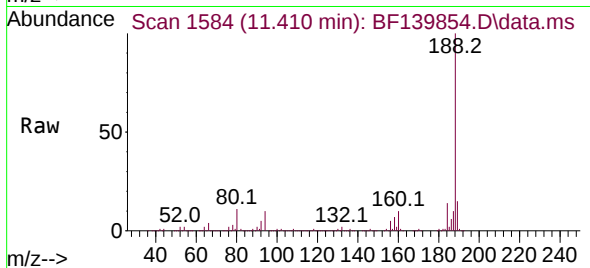
Tgt Ion:188 Resp: 411435

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 10.7 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139854.D

Acq: 18 Oct 2024 15:21

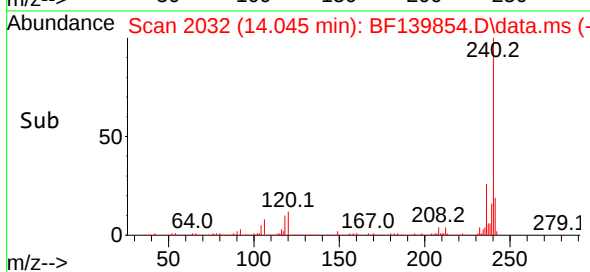
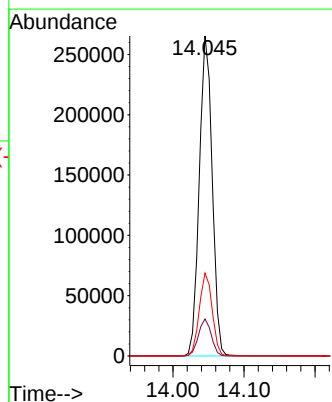
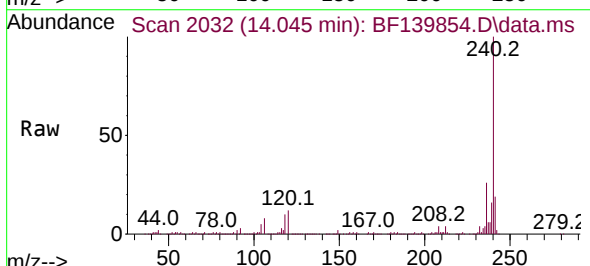
Tgt Ion:240 Resp: 336325

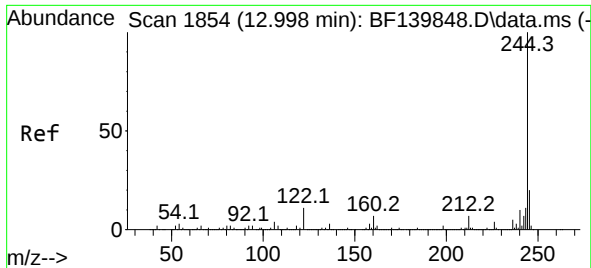
Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

236 25.9 20.9 31.3

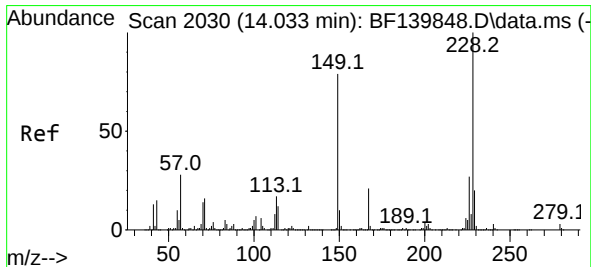
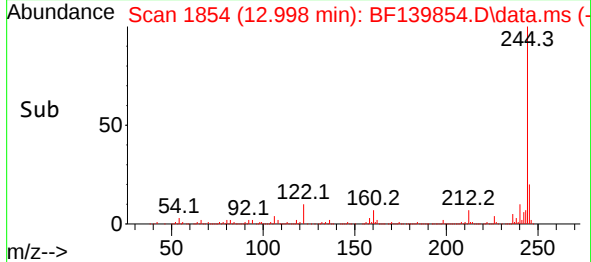
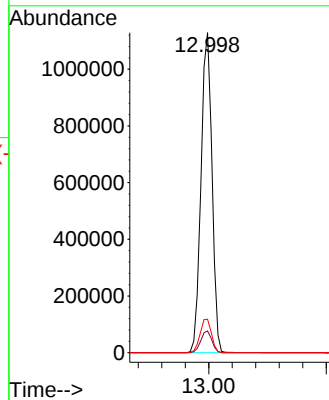
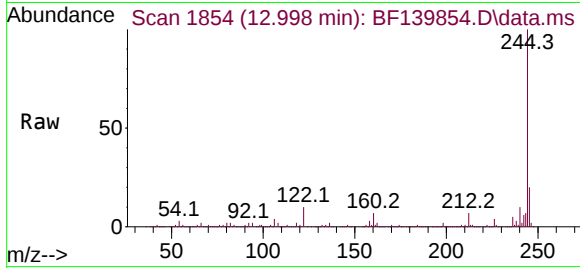




#79
 Terphenyl-d14
 Concen: 70.713 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139854.D
 Acq: 18 Oct 2024 15:21

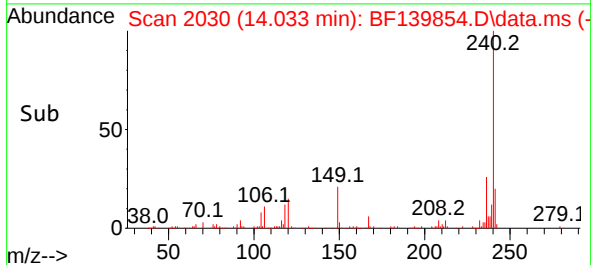
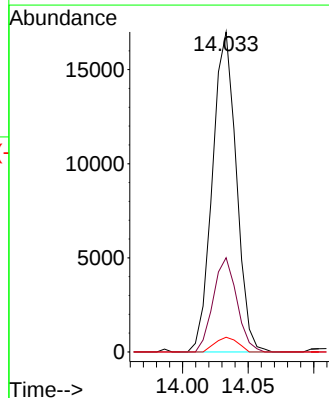
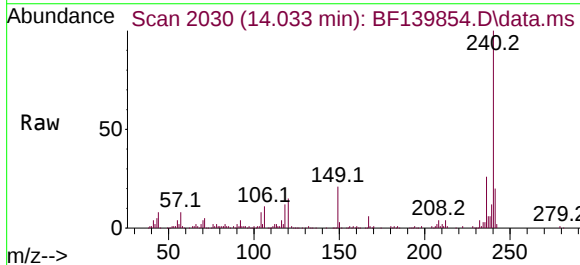
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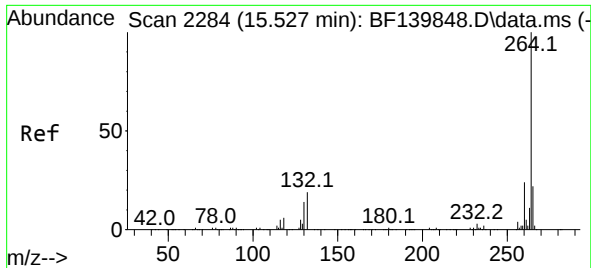
Tgt Ion:244 Resp: 1459525
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.5 8.6 13.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.175 ng
 RT: 14.033 min Scan# 2030
 Delta R.T. 0.000 min
 Lab File: BF139854.D
 Acq: 18 Oct 2024 15:21

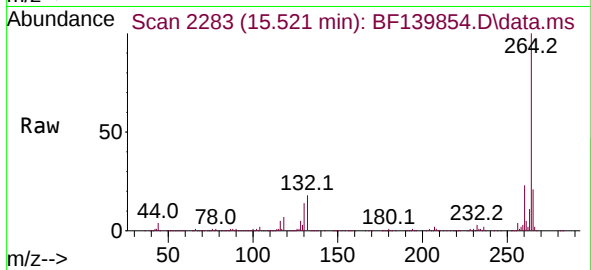
Tgt Ion:149 Resp: 21540
 Ion Ratio Lower Upper
 149 100
 167 29.5 21.4 32.0
 279 4.6 3.0 4.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139854.D
 Acq: 18 Oct 2024 15:21

Instrument :
 BNA_F
 ClientSampleId :
 MH-121



Tgt Ion:264 Resp: 284413

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.4	17.4	26.0

