

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139338.D
 Acq On : 11 Sep 2024 20:55
 Operator : RC/JU
 Sample : P3930-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-34

Quant Time: Sep 12 05:20:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	73061	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	233804	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	123170	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	247175	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	109969	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	136979	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	58405	13.373	ng	-0.01
7) Phenol-d6	6.504	99	96618	16.571	ng	-0.01
23) Nitrobenzene-d5	7.439	82	62392	13.883	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	21348	20.072	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	105364	13.205	ng	-0.01
79) Terphenyl-d14	12.986	244	132170	19.405	ng	-0.01

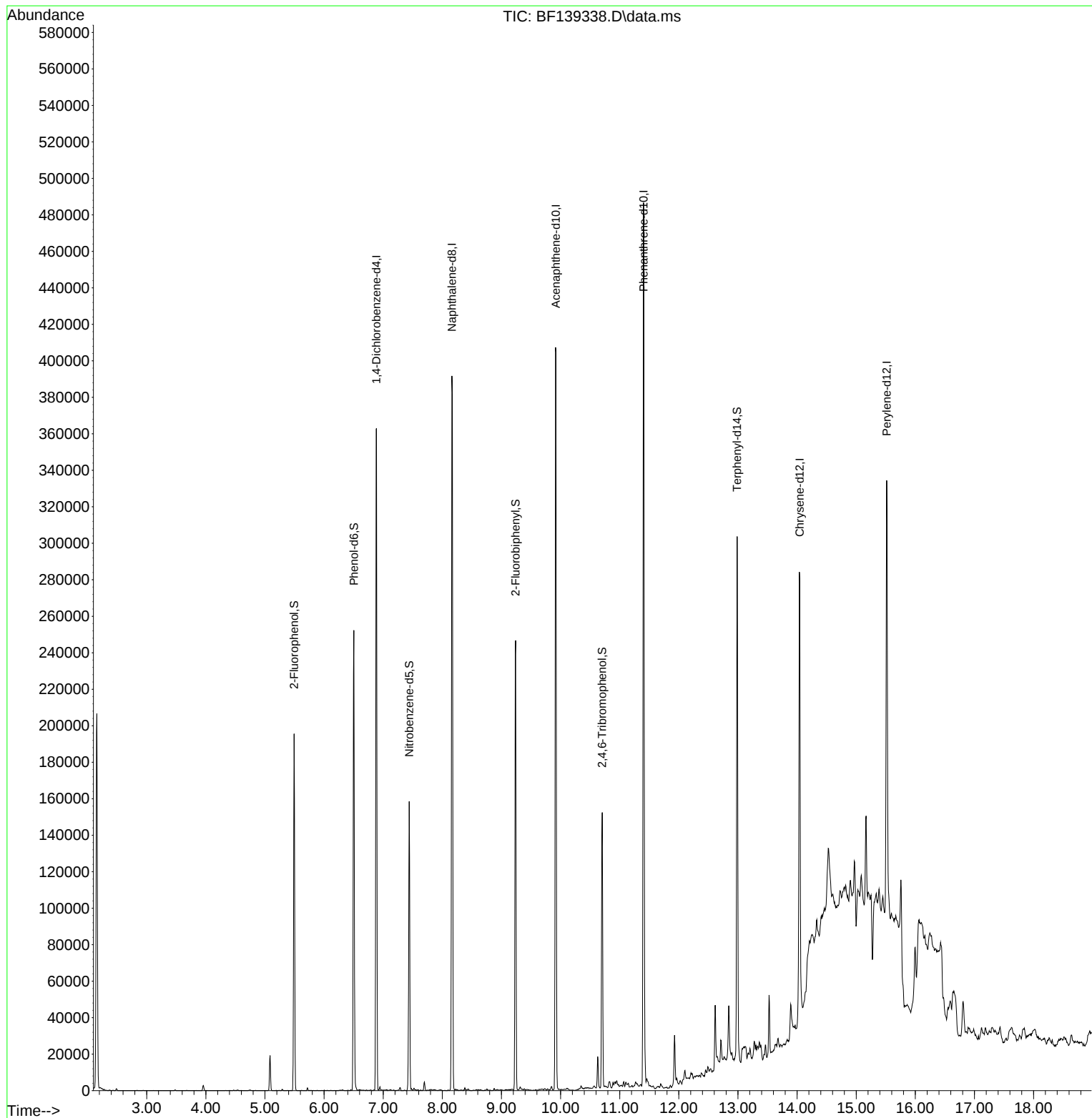
Target Compounds	Qvalue

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

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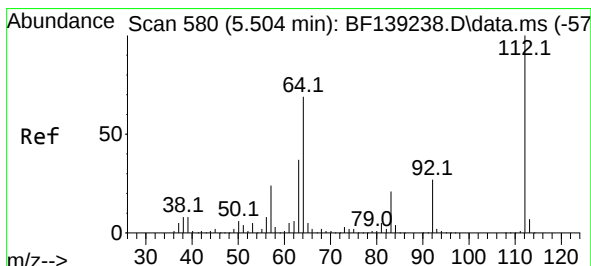
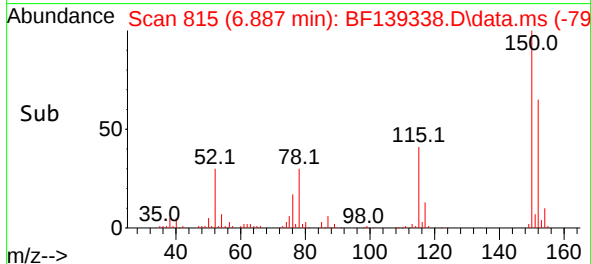
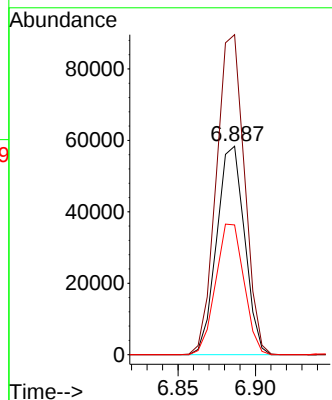
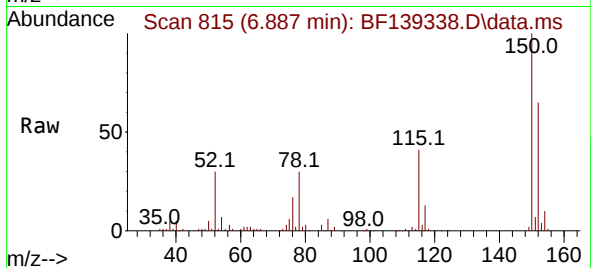




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139338.D
Acq: 11 Sep 2024 20:55

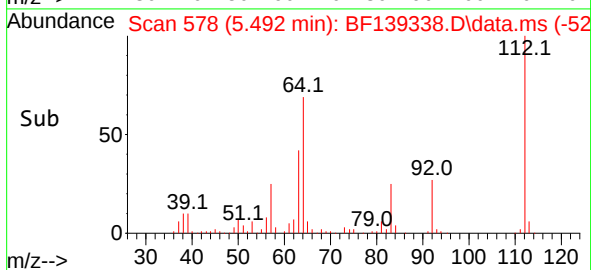
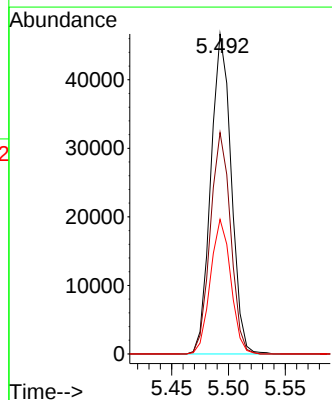
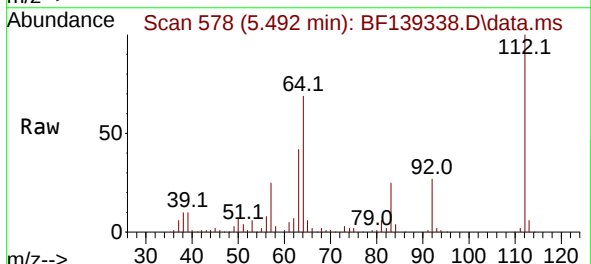
Instrument :
BNA_F
ClientSampleId :
DN-B-34

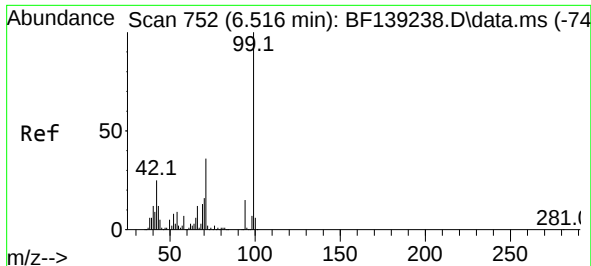
Tgt Ion:152 Resp: 73061
Ion Ratio Lower Upper
152 100
150 153.5 127.0 190.4
115 62.3 46.9 70.3



#5
2-Fluorophenol
Concen: 13.373 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.012 min
Lab File: BF139338.D
Acq: 11 Sep 2024 20:55

Tgt Ion:112 Resp: 58405
Ion Ratio Lower Upper
112 100
64 69.2 55.0 82.4
63 42.1 29.9 44.9

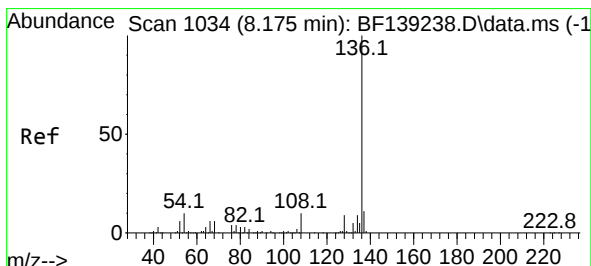
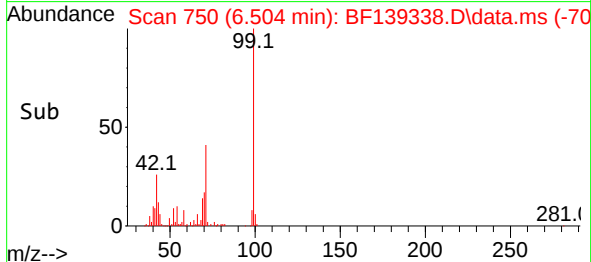
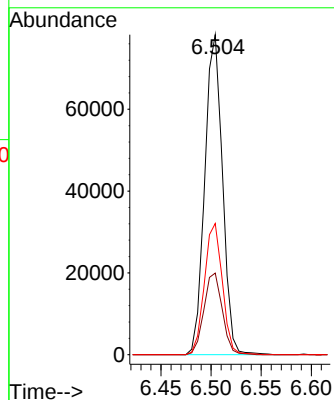
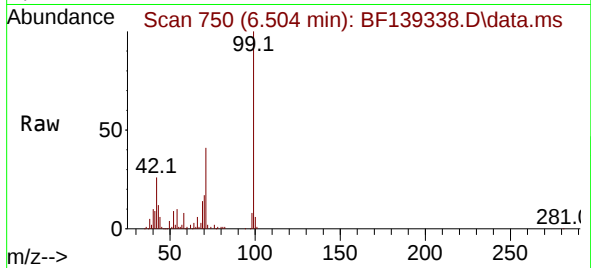




#7
Phenol-d6
Concen: 16.571 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139338.D
Acq: 11 Sep 2024 20:55

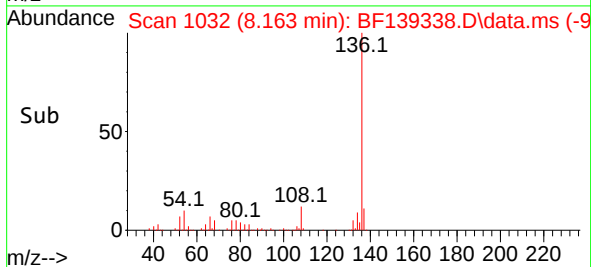
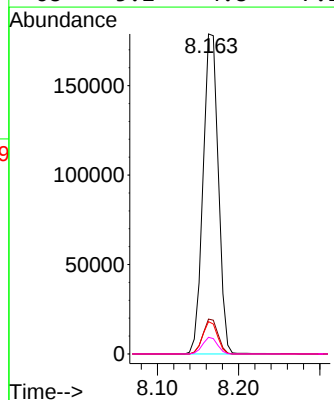
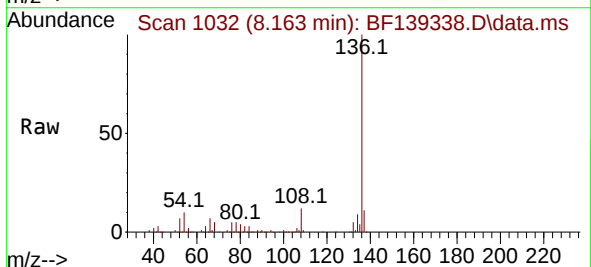
Instrument :
BNA_F
ClientSampleId :
DN-B-34

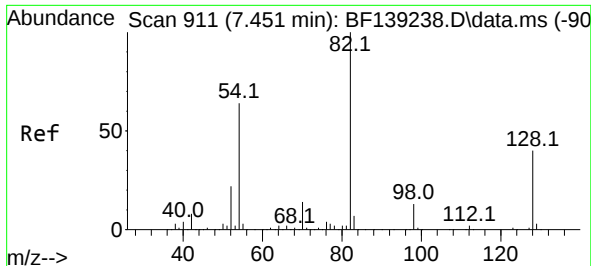
Tgt Ion: 99 Resp: 96618
Ion Ratio Lower Upper
99 100
42 25.5 19.8 29.6
71 41.0 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF139338.D
Acq: 11 Sep 2024 20:55

Tgt Ion: 136 Resp: 233804
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.1 8.4 12.6
68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 13.883 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF139338.D

Acq: 11 Sep 2024 20:55

Instrument :

BNA_F

ClientSampleId :

DN-B-34

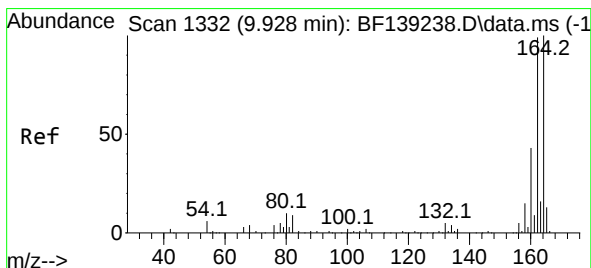
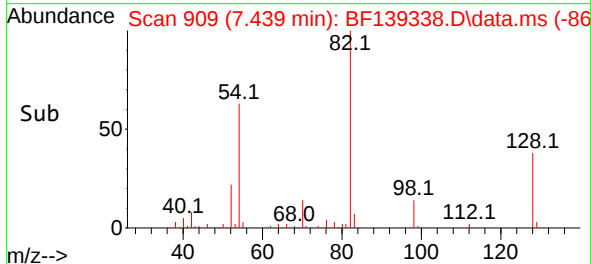
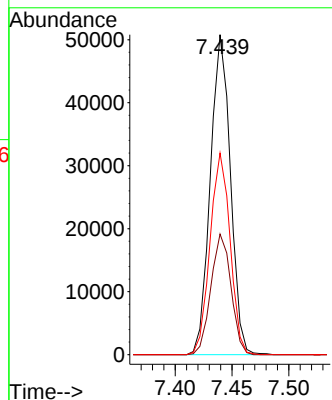
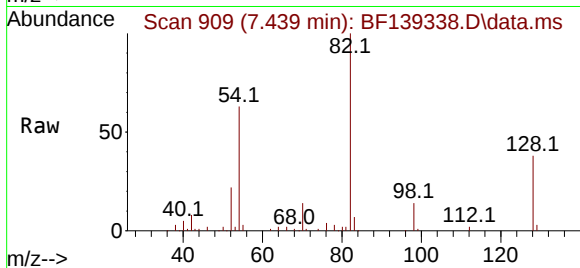
Tgt Ion: 82 Resp: 62392

Ion Ratio Lower Upper

82 100

128 37.7 32.3 48.5

54 63.0 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF139338.D

Acq: 11 Sep 2024 20:55

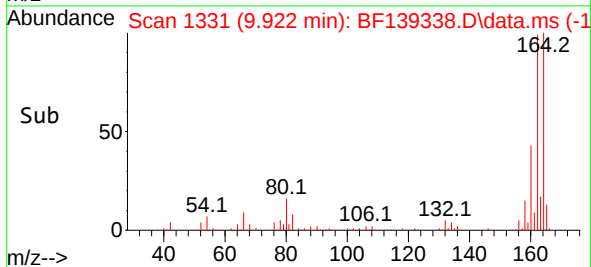
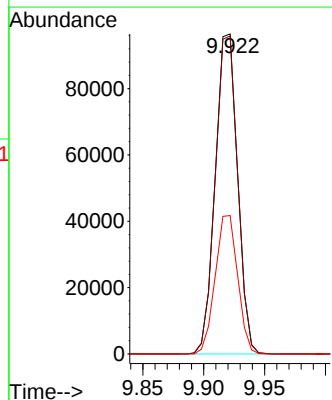
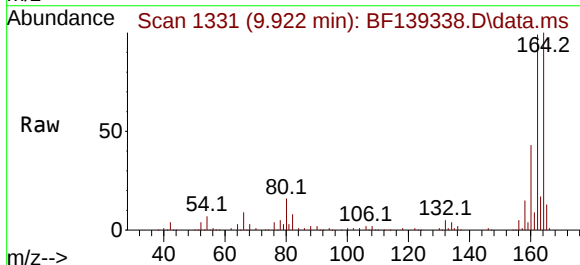
Tgt Ion:164 Resp: 123170

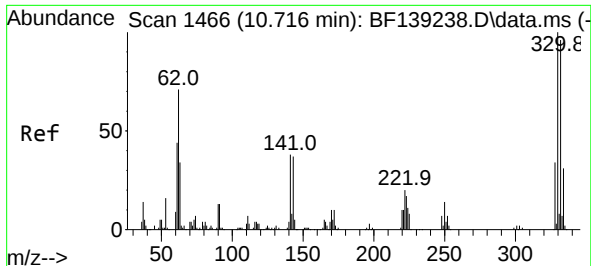
Ion Ratio Lower Upper

164 100

162 99.3 79.2 118.8

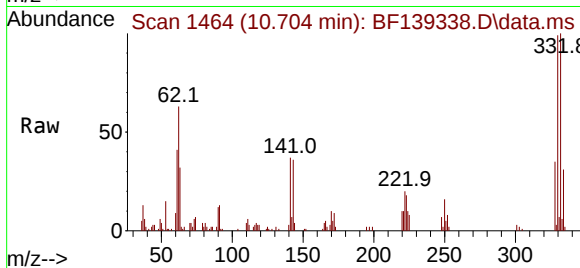
160 43.3 34.2 51.2





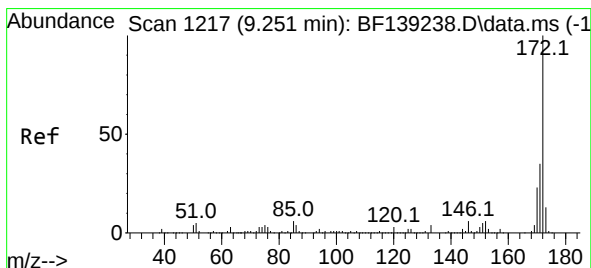
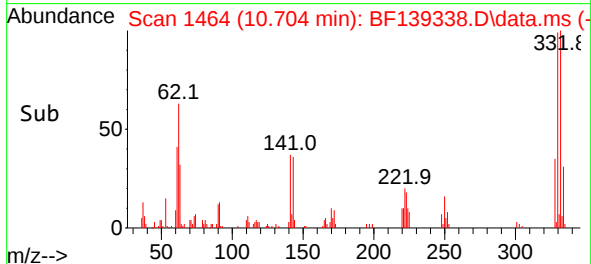
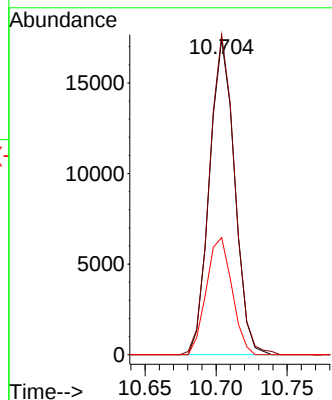
#42
2,4,6-Tribromophenol
Concen: 20.072 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF139338.D
Acq: 11 Sep 2024 20:55

Instrument :
BNA_F
ClientSampleId :
DN-B-34



Tgt Ion:330 Resp: 21348

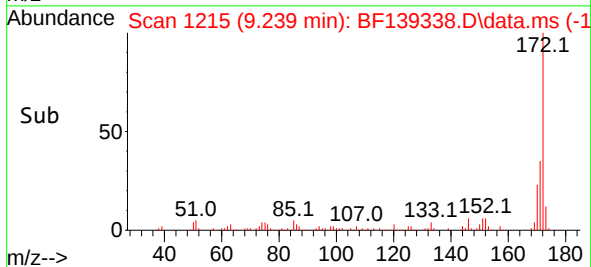
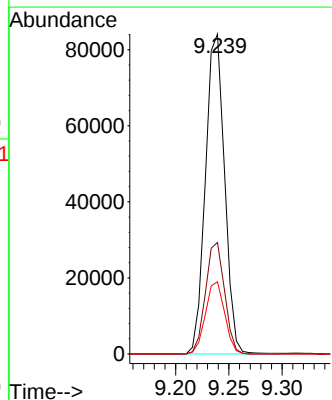
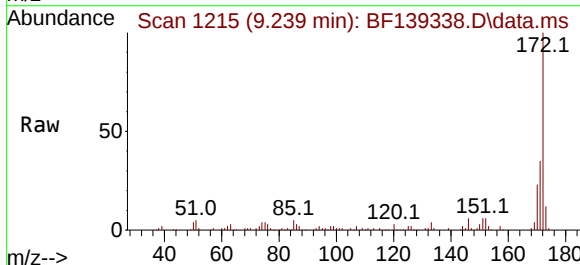
Ion	Ratio	Lower	Upper
330	100		
332	101.9	76.6	115.0
141	37.9	30.1	45.1

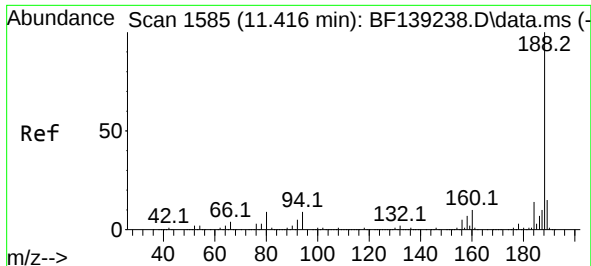


#45
2-Fluorobiphenyl
Concen: 13.205 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF139338.D
Acq: 11 Sep 2024 20:55

Tgt Ion:172 Resp: 105364

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	22.6	18.7	28.1

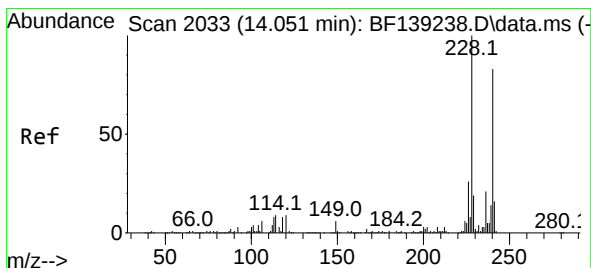
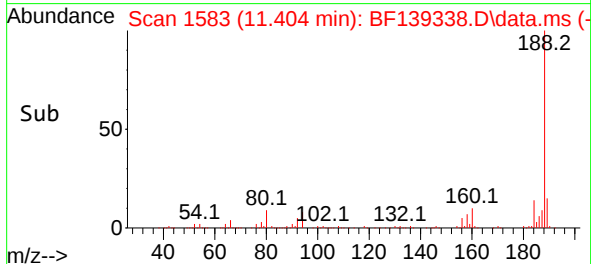
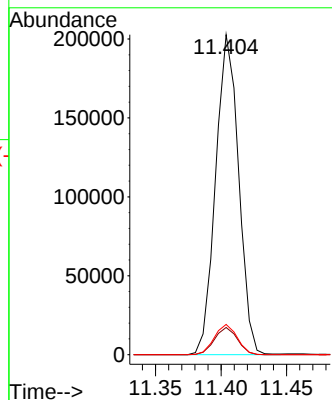
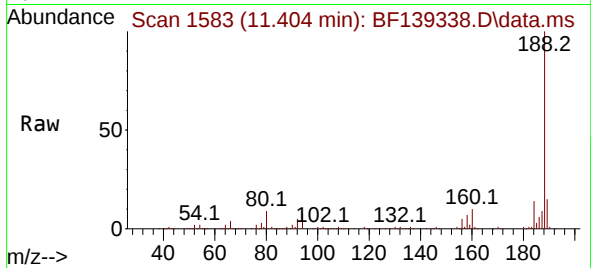




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139338.D
Acq: 11 Sep 2024 20:55

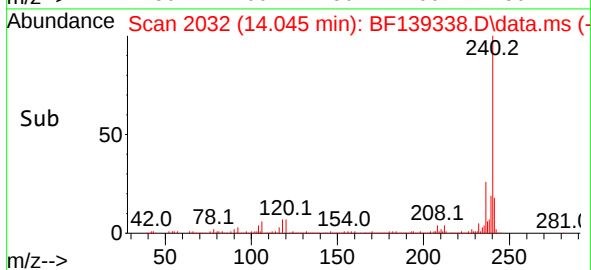
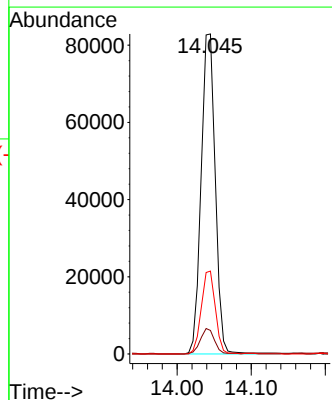
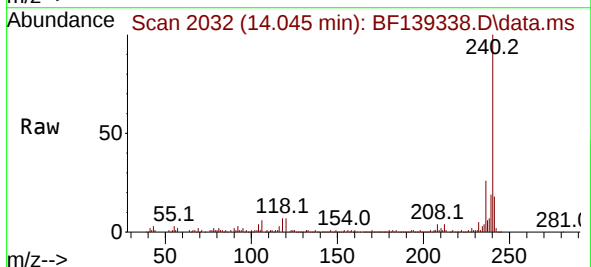
Instrument :
BNA_F
ClientSampleId :
DN-B-34

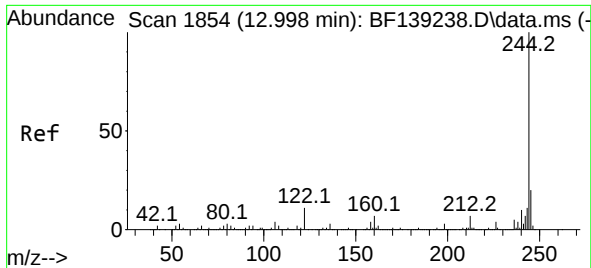
Tgt Ion:188 Resp: 247175
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 9.4 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139338.D
Acq: 11 Sep 2024 20:55

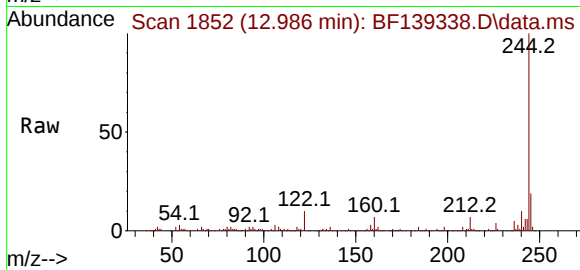
Tgt Ion:240 Resp: 109969
Ion Ratio Lower Upper
240 100
120 7.3 8.6 12.8#
236 25.9 20.7 31.1



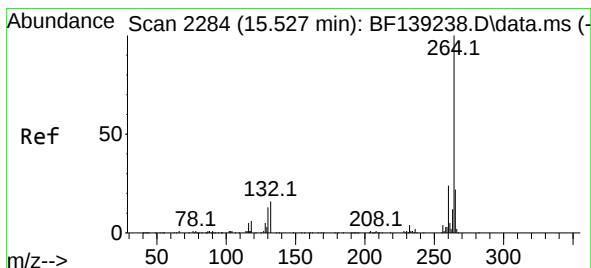
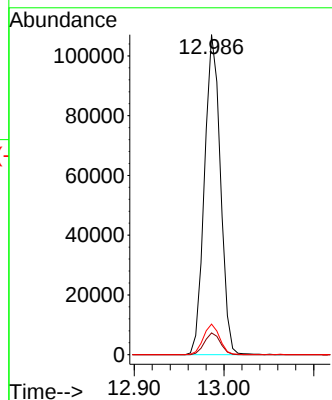
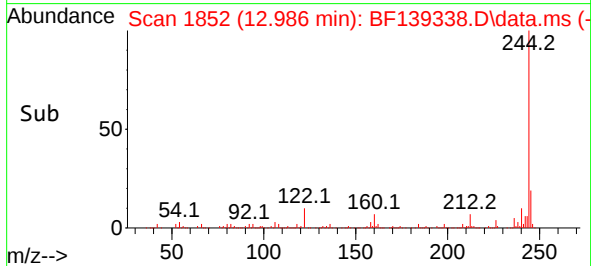


#79
 Terphenyl-d14
 Concen: 19.405 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.012 min
 Lab File: BF139338.D
 Acq: 11 Sep 2024 20:55

Instrument :
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 ClientSampleId :
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Tgt Ion:	244	Resp:	132170
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.9	8.9
122	9.5	8.7	13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF139338.D
 Acq: 11 Sep 2024 20:55

Tgt Ion:	264	Resp:	136979
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.8	28.2
265	21.8	17.3	25.9

