

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
Data File : BF139183.D
Acq On : 27 Aug 2024 13:16
Operator : RC/JU
Sample : P3717-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: Aug 27 13:44:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:51:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	74969	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	275847	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	156467	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	250159	20.000	ng	0.00
76) Chrysene-d12	14.045	240	171559	20.000	ng	0.00
86) Perylene-d12	15.521	264	149859	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	363512	81.478	ng	0.00
7) Phenol-d6	6.510	99	485344	79.266	ng	-0.01
23) Nitrobenzene-d5	7.451	82	301147	60.481	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	112370	83.854	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	544639	54.070	ng	0.00
79) Terphenyl-d14	12.992	244	508660	46.263	ng	0.00

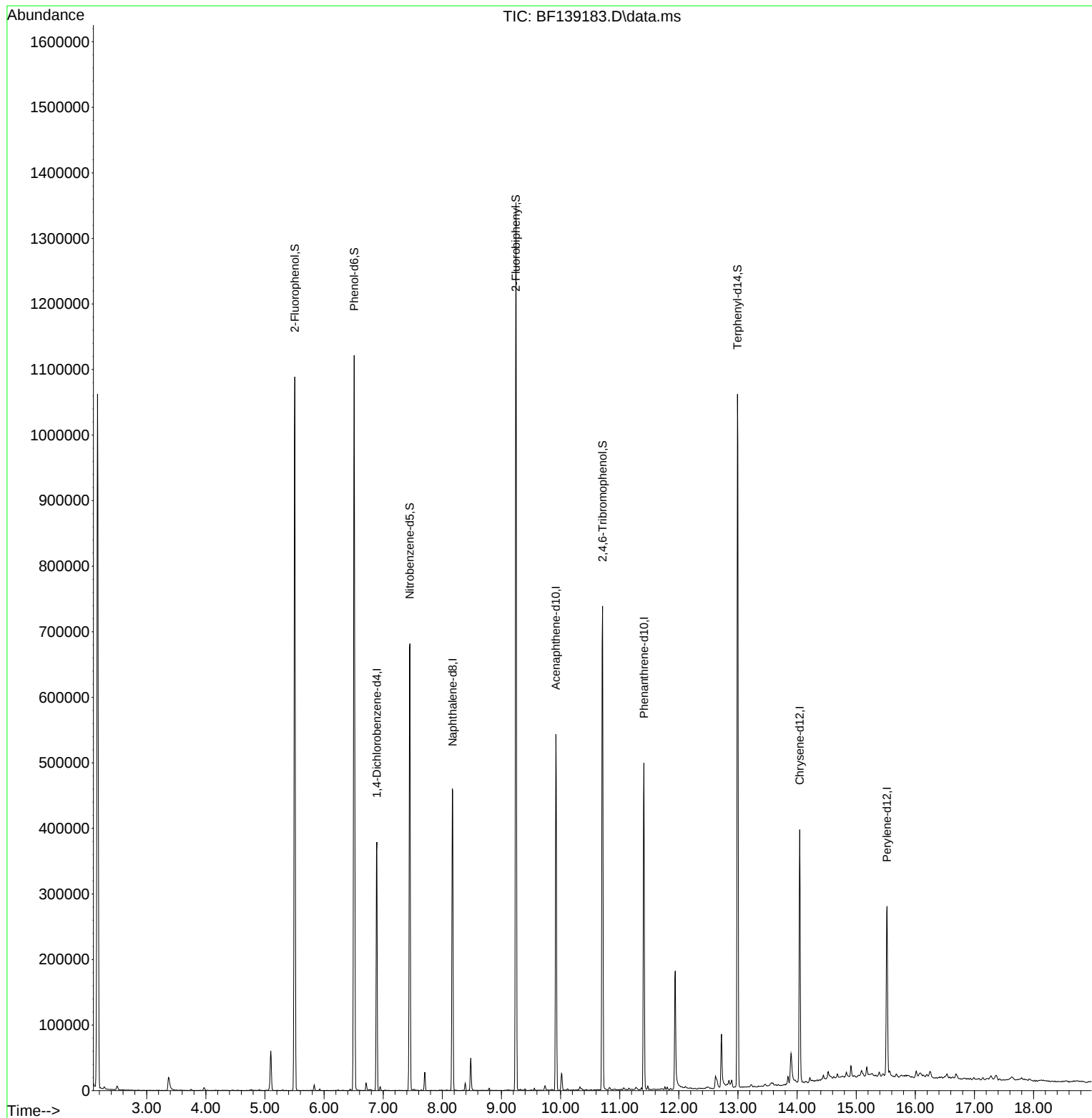
Target Compounds	Qvalue

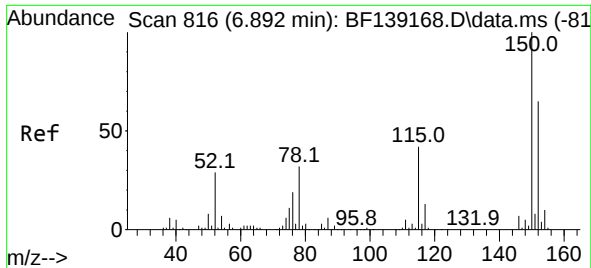
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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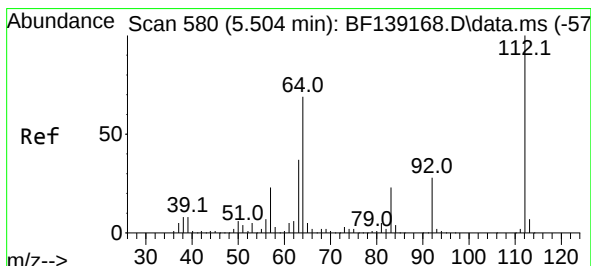
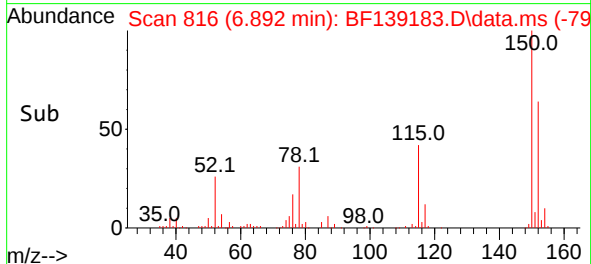
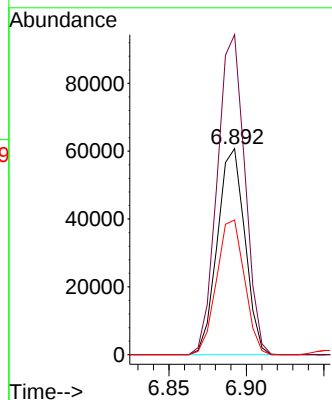
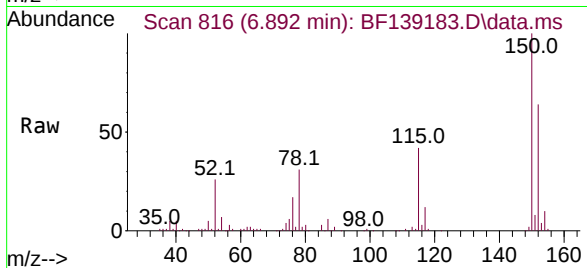




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: BF139183.D
 Acq: 27 Aug 2024 13:16

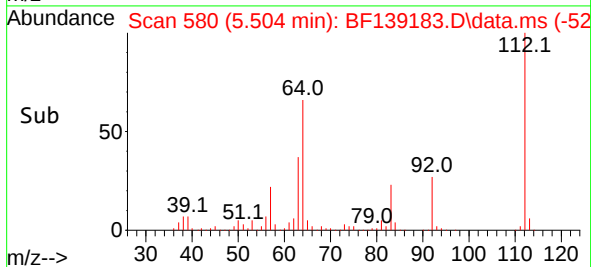
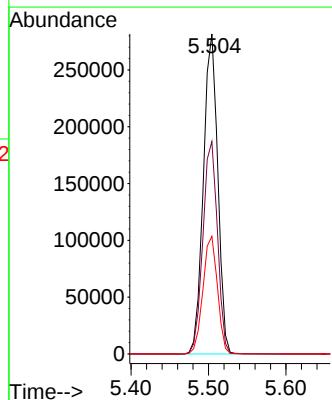
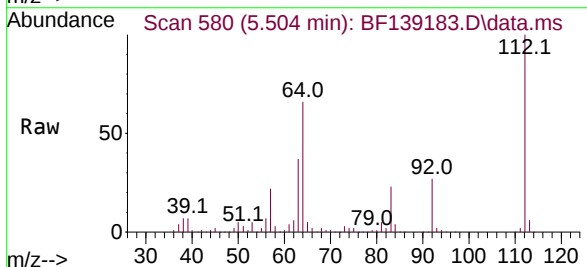
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

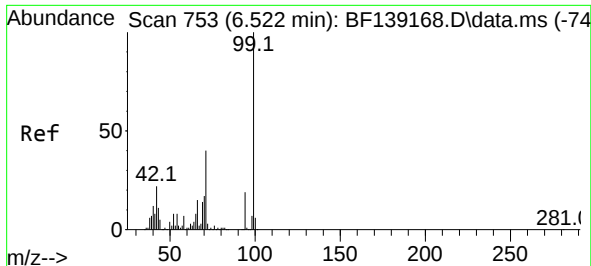
Tgt Ion:152 Resp: 74969
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.7 185.5
 115 65.4 51.8 77.8



#5
 2-Fluorophenol
 Concen: 81.478 ng
 RT: 5.504 min Scan# 580
 Delta R.T. -0.000 min
 Lab File: BF139183.D
 Acq: 27 Aug 2024 13:16

Tgt Ion:112 Resp: 363512
 Ion Ratio Lower Upper
 112 100
 64 66.4 55.5 83.3
 63 36.8 29.8 44.6

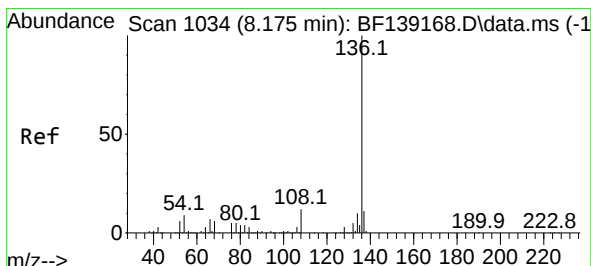
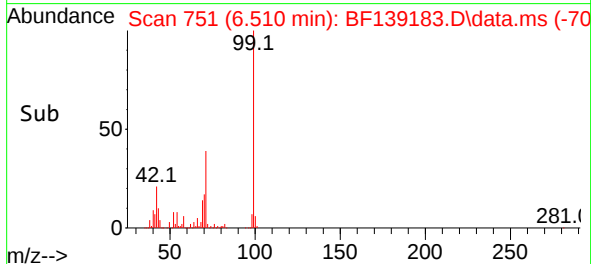
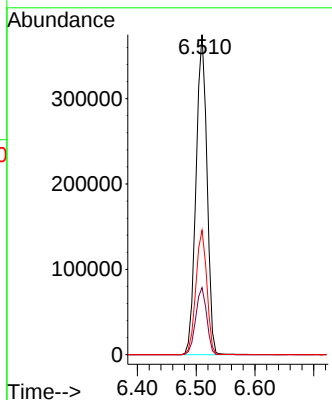
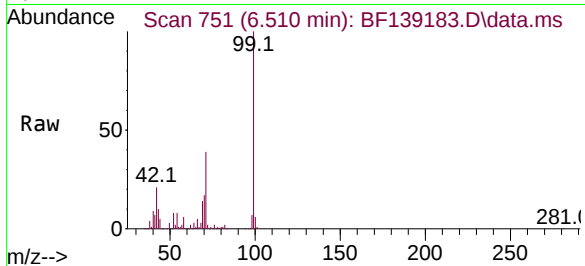




#7
Phenol-d6
Concen: 79.266 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139183.D
Acq: 27 Aug 2024 13:16

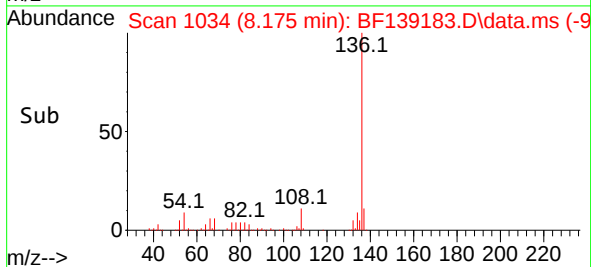
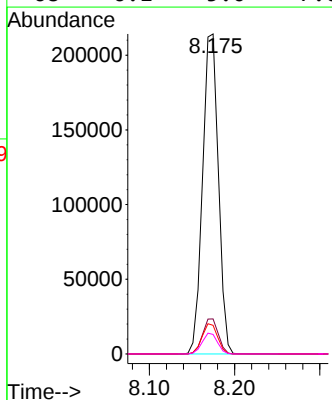
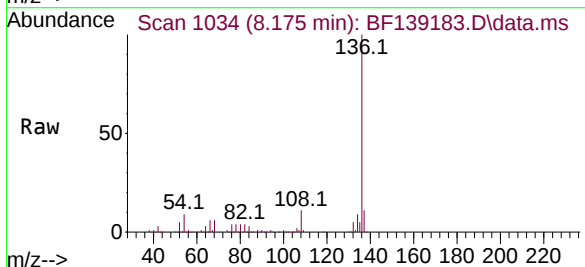
Instrument :
BNA_F
ClientSampleId :
TP-3

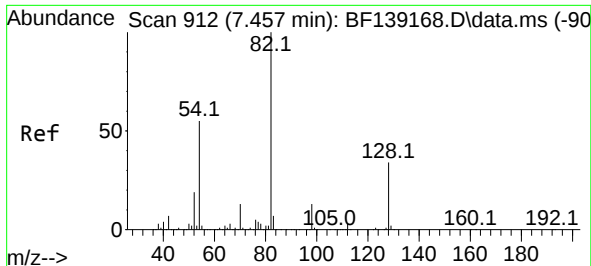
Tgt Ion: 99 Resp: 485344
Ion Ratio Lower Upper
99 100
42 20.9 17.9 26.9
71 38.9 31.7 47.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139183.D
Acq: 27 Aug 2024 13:16

Tgt Ion: 136 Resp: 275847
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.9 7.6 11.4
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 60.481 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139183.D

Acq: 27 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

TP-3

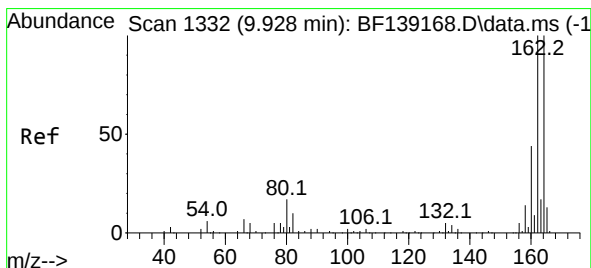
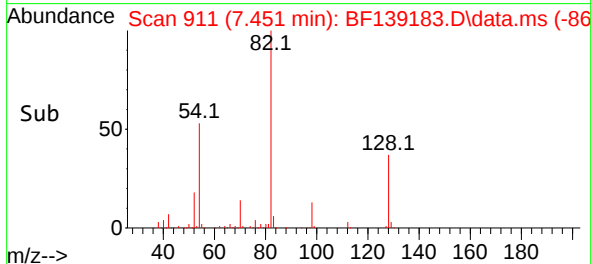
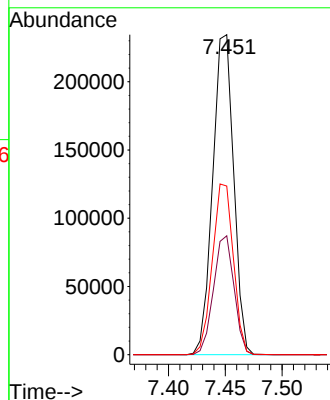
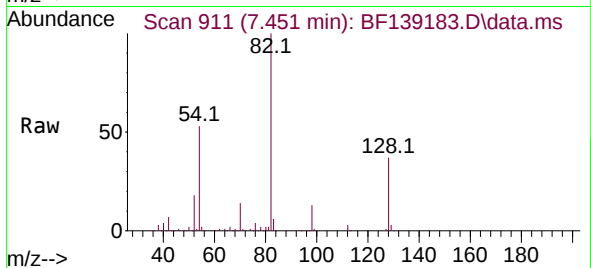
Tgt Ion: 82 Resp: 301147

Ion Ratio Lower Upper

82 100

128 37.1 27.1 40.7

54 52.7 44.2 66.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF139183.D

Acq: 27 Aug 2024 13:16

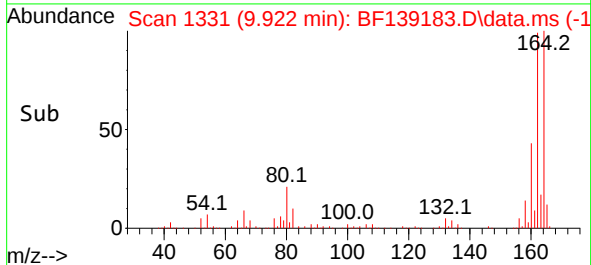
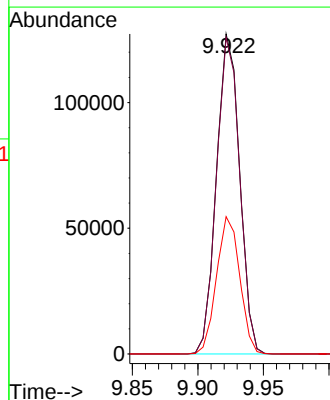
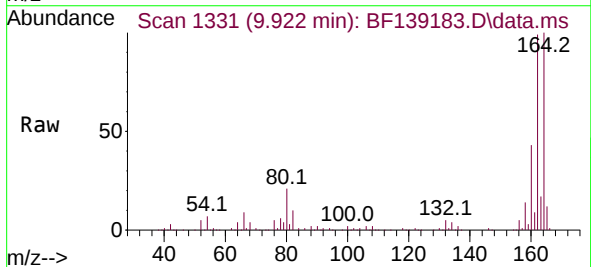
Tgt Ion: 164 Resp: 156467

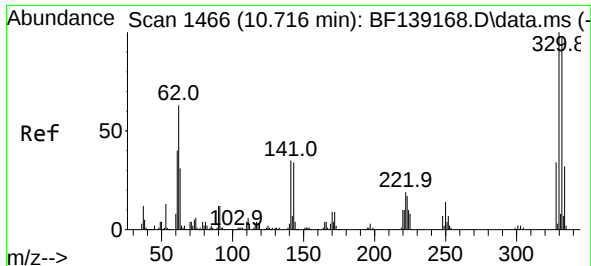
Ion Ratio Lower Upper

164 100

162 98.8 80.0 120.0

160 42.9 35.0 52.6

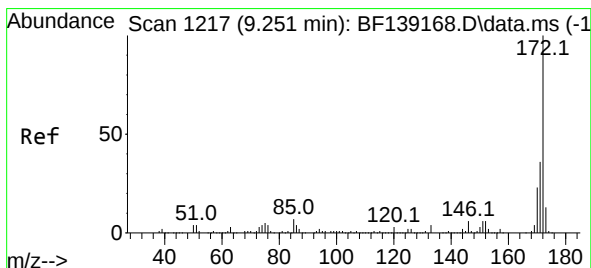
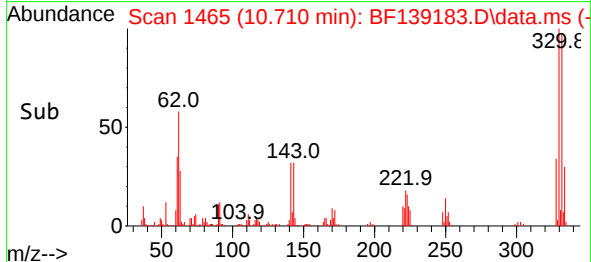
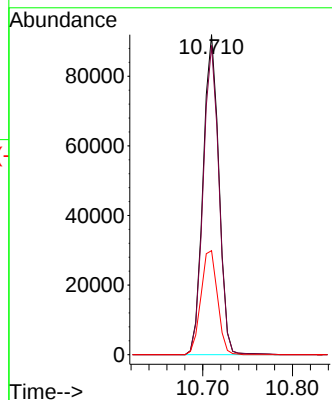
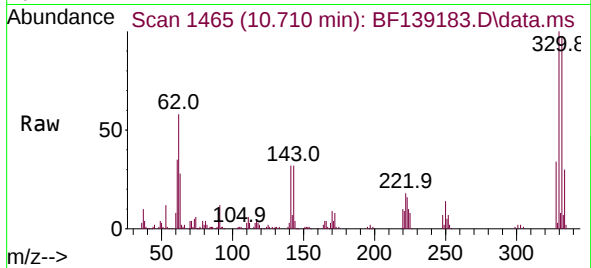




#42
2,4,6-Tribromophenol
Concen: 83.854 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139183.D
Acq: 27 Aug 2024 13:16

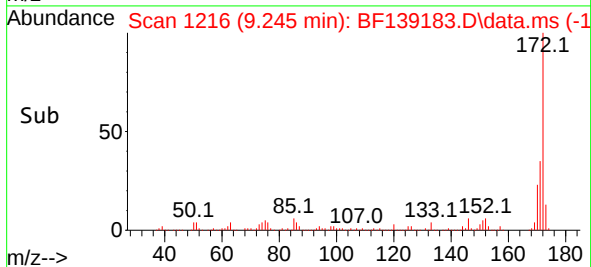
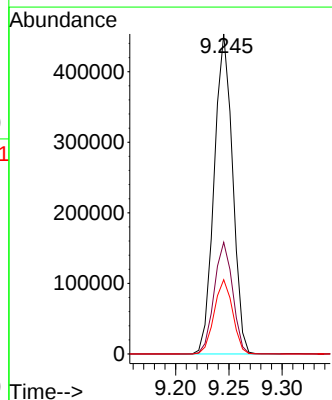
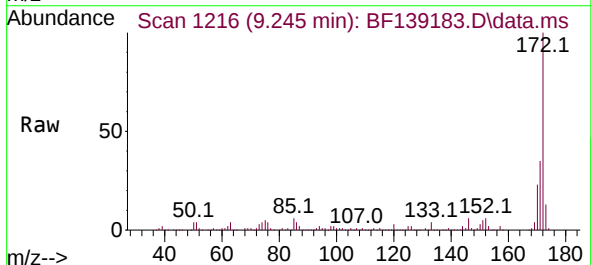
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TP-3

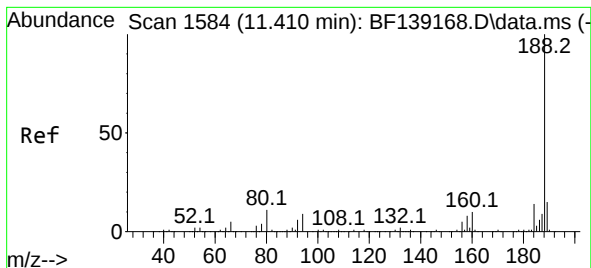
Tgt Ion:330 Resp: 112370
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 34.1 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 54.070 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139183.D
Acq: 27 Aug 2024 13:16

Tgt Ion:172 Resp: 544639
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.2 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139183.D

Acq: 27 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

TP-3

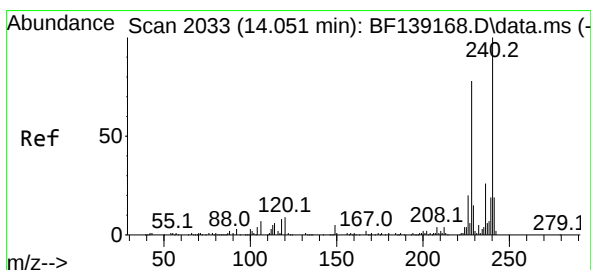
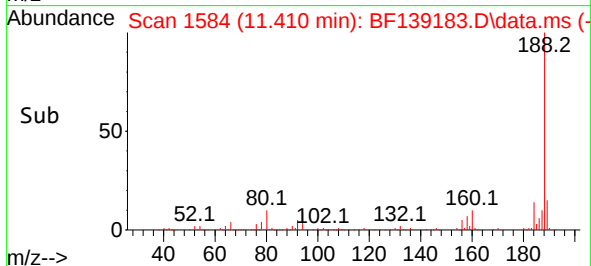
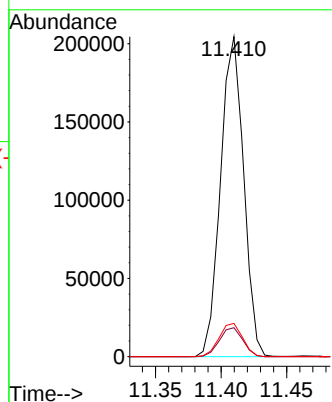
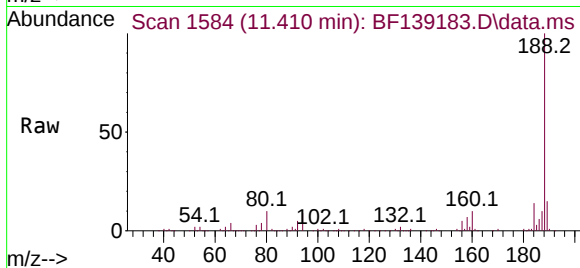
Tgt Ion:188 Resp: 250159

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 10.4 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139183.D

Acq: 27 Aug 2024 13:16

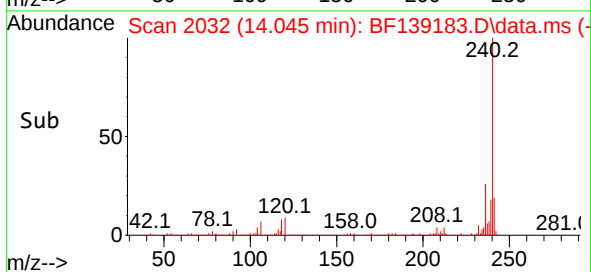
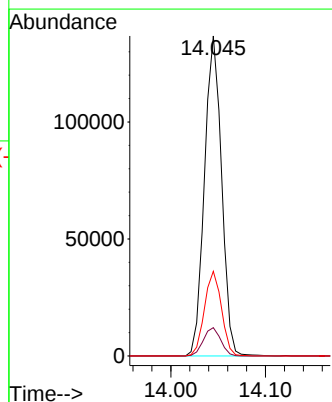
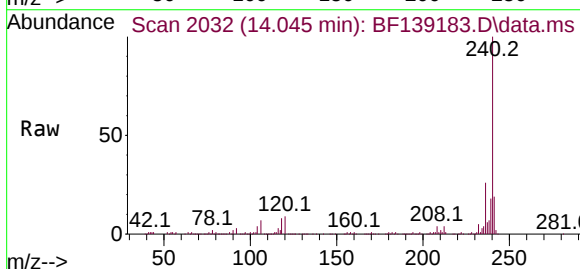
Tgt Ion:240 Resp: 171559

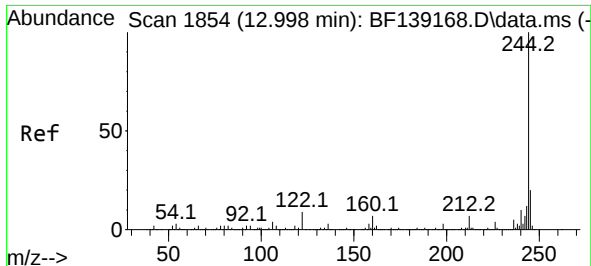
Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

236 26.5 20.9 31.3

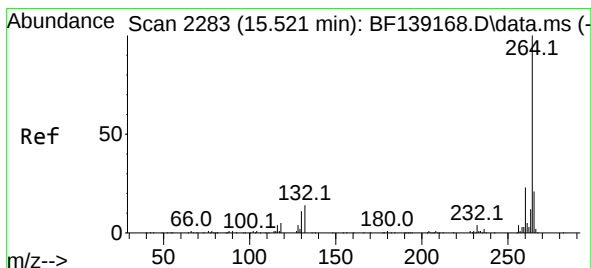
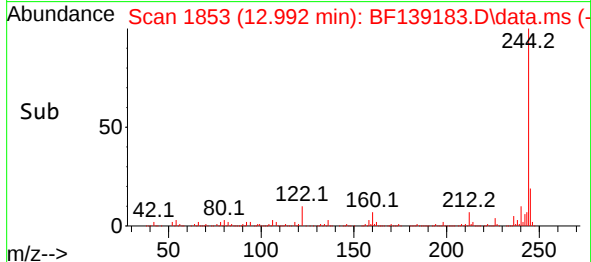
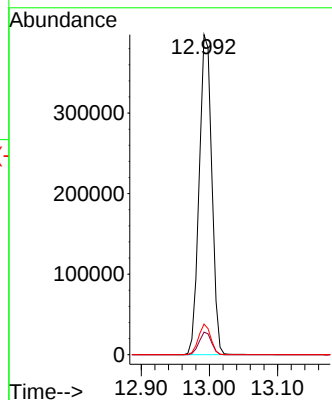
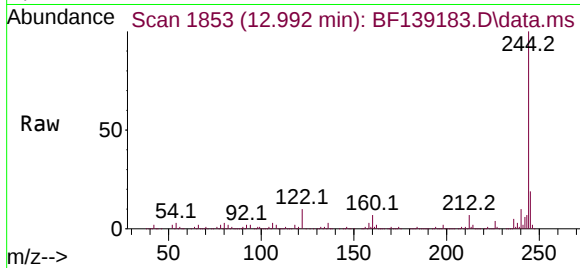




#79
 Terphenyl-d14
 Concen: 46.263 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF139183.D
 Acq: 27 Aug 2024 13:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 508660
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 9.5 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF139183.D
 Acq: 27 Aug 2024 13:16

Tgt Ion:264 Resp: 149859
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.3 27.5
 265 21.3 17.0 25.6

