

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
 Data File : BF139200.D
 Acq On : 28 Aug 2024 10:37
 Operator : RC/JU
 Sample : PB162991TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162991TB

Quant Time: Aug 28 11:24:47 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	6.893	152	121107	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	464556	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	277722	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	496912	20.000	ng	0.00
76) Chrysene-d12	14.045	240	293090	20.000	ng	0.00
86) Perylene-d12	15.515	264	211523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	895234	124.214	ng	0.01
7) Phenol-d6	6.516	99	1167322	118.016	ng	0.00
23) Nitrobenzene-d5	7.451	82	798498	95.224	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	351923	147.957	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1379686	77.169	ng	0.00
79) Terphenyl-d14	12.998	244	1592787	84.795	ng	0.00

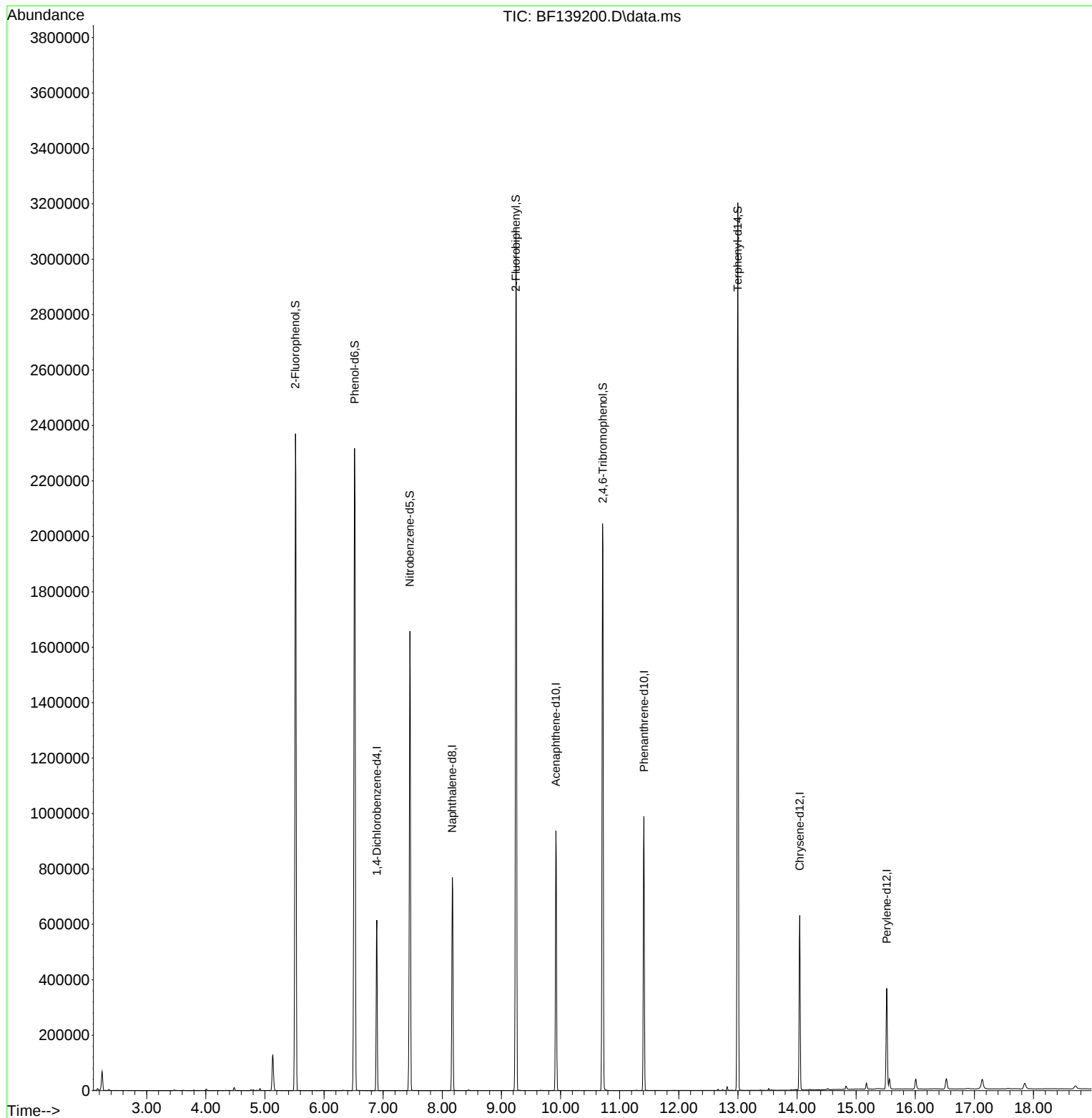
Target Compounds	Qvalue

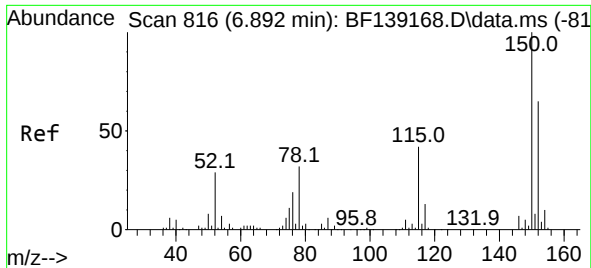
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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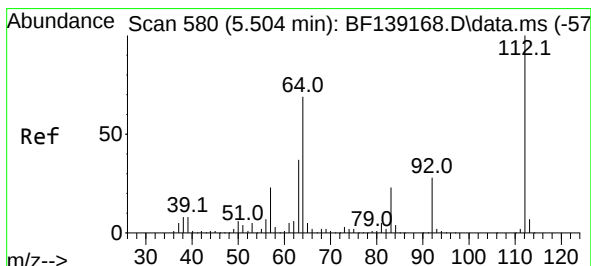
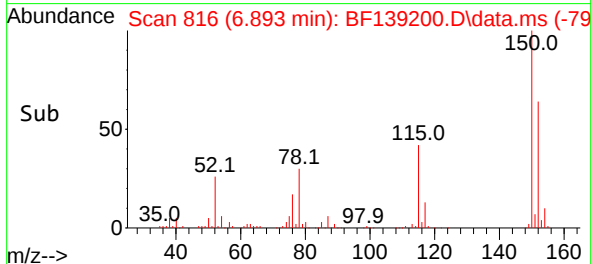
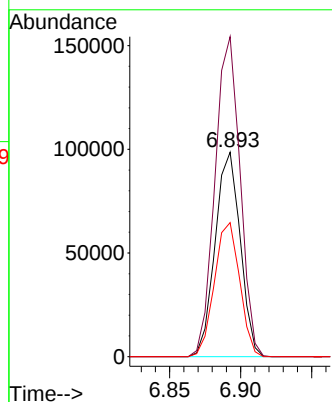
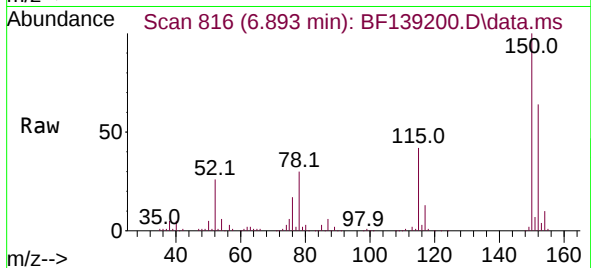




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139200.D
Acq: 28 Aug 2024 10:37

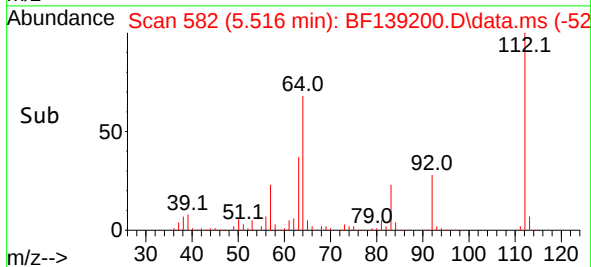
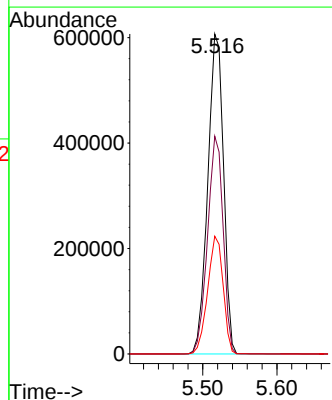
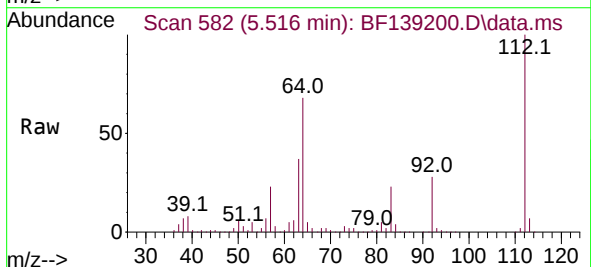
Instrument :
BNA_F
ClientSampleId :
PB162991TB

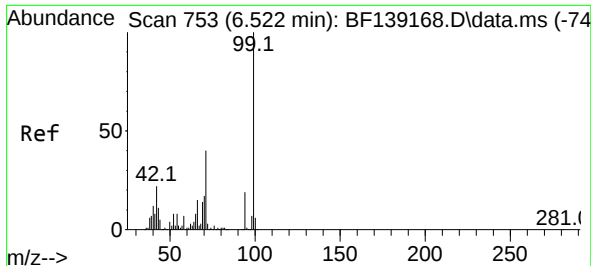
Tgt Ion:152 Resp: 121107
Ion Ratio Lower Upper
152 100
150 156.5 123.7 185.5
115 65.5 51.8 77.8



#5
2-Fluorophenol
Concen: 124.214 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF139200.D
Acq: 28 Aug 2024 10:37

Tgt Ion:112 Resp: 895234
Ion Ratio Lower Upper
112 100
64 68.1 55.5 83.3
63 36.8 29.8 44.6



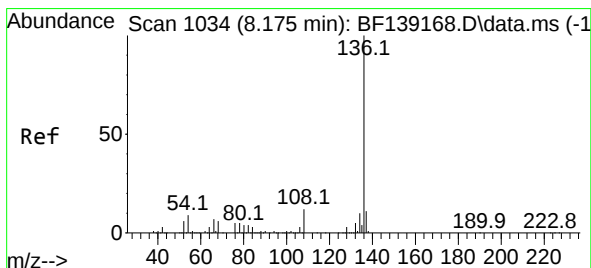
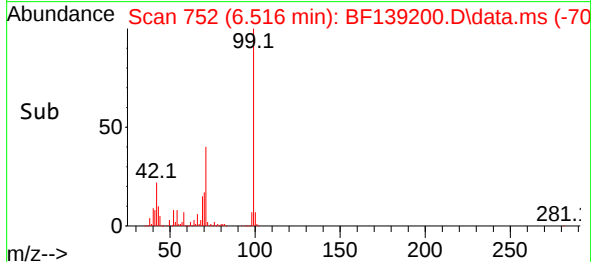
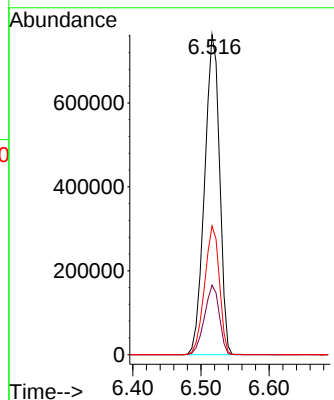
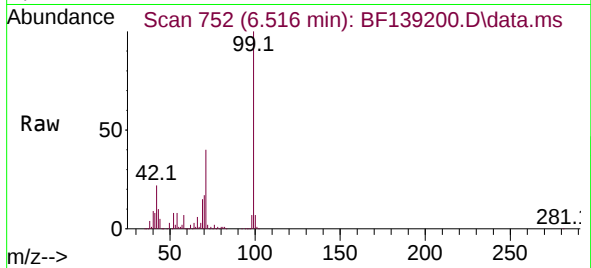


#7
Phenol-d6
Concen: 118.016 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139200.D
Acq: 28 Aug 2024 10:37

Instrument :
BNA_F
ClientSampleId :
PB162991TB

Tgt Ion: 99 Resp: 1167322

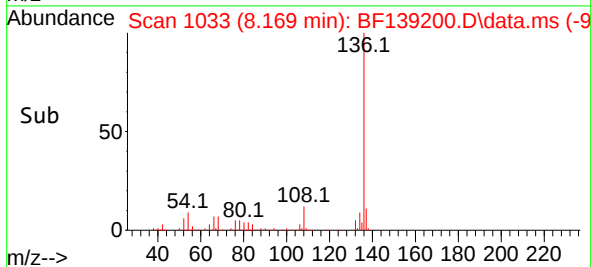
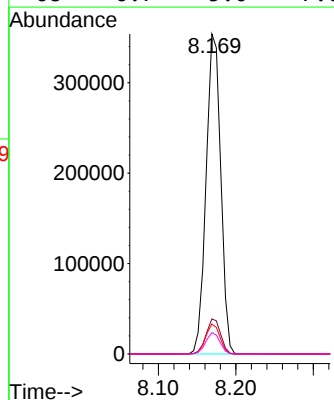
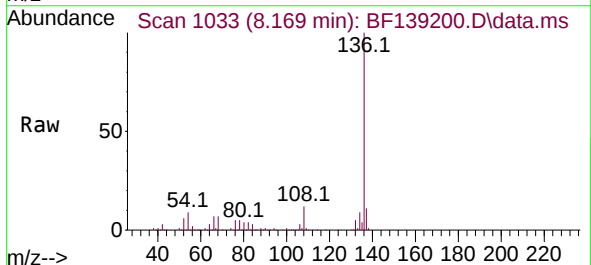
Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.9	26.9
71	40.2	31.7	47.5

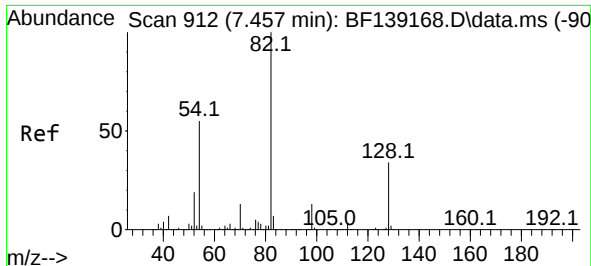


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139200.D
Acq: 28 Aug 2024 10:37

Tgt Ion: 136 Resp: 464556

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.3	7.6	11.4
68	6.7	5.0	7.6





#23

Nitrobenzene-d5

Concen: 95.224 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139200.D

Acq: 28 Aug 2024 10:37

Instrument :

BNA_F

ClientSampleId :

PB162991TB

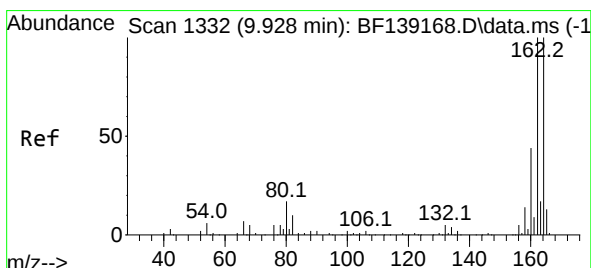
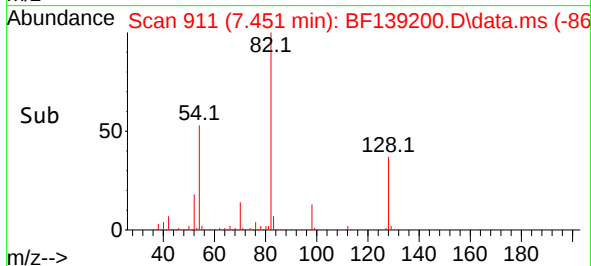
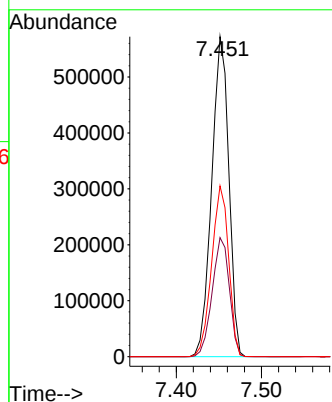
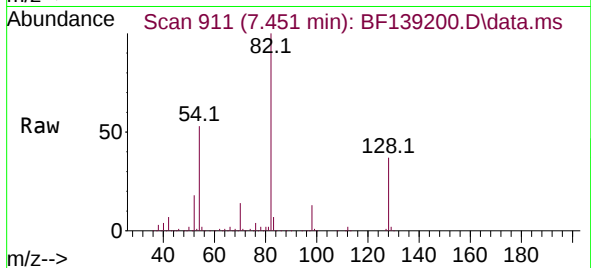
Tgt Ion: 82 Resp: 798498

Ion Ratio Lower Upper

82 100

128 37.2 27.1 40.7

54 53.3 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: BF139200.D

Acq: 28 Aug 2024 10:37

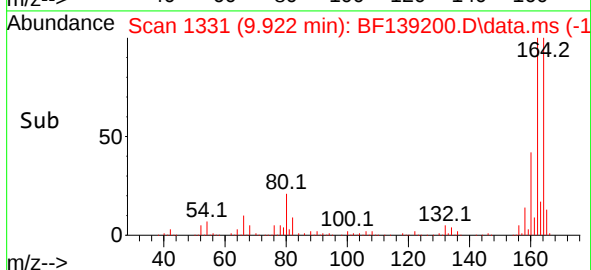
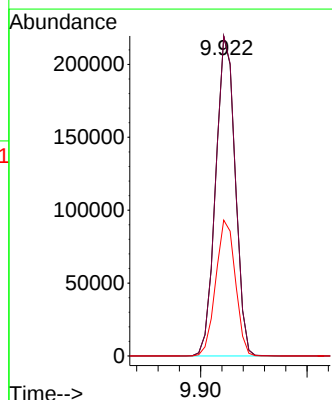
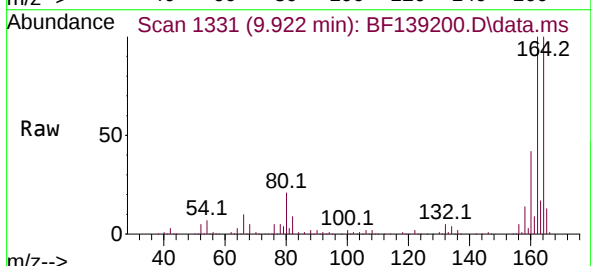
Tgt Ion:164 Resp: 277722

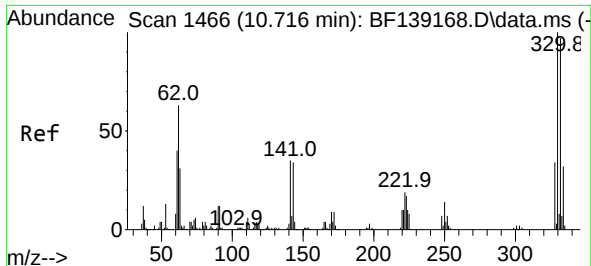
Ion Ratio Lower Upper

164 100

162 100.1 80.0 120.0

160 42.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 147.957 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF139200.D

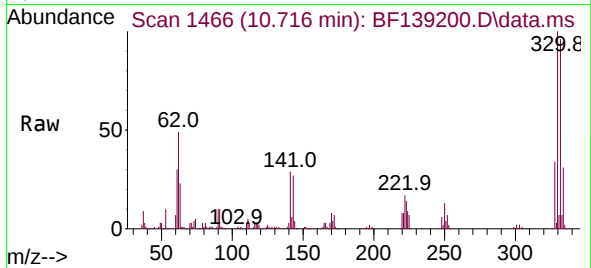
Acq: 28 Aug 2024 10:37

Instrument :

BNA_F

ClientSampleId :

PB162991TB



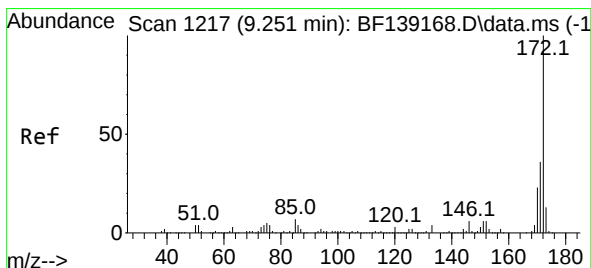
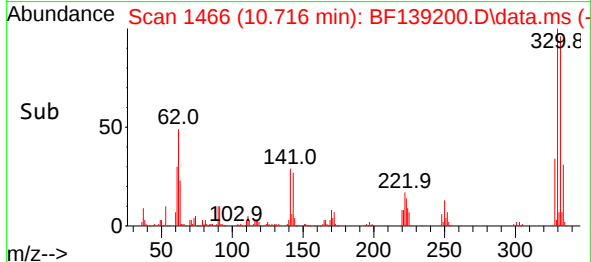
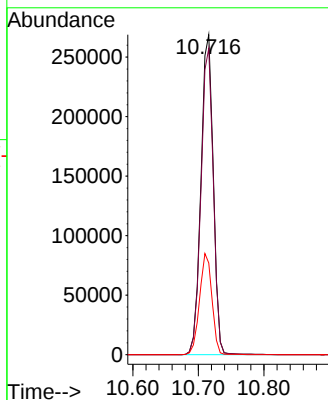
Tgt Ion:330 Resp: 351923

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 31.7 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 77.169 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139200.D

Acq: 28 Aug 2024 10:37

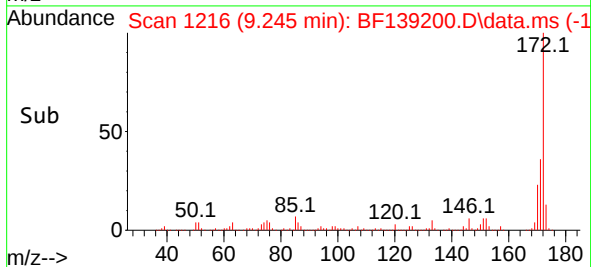
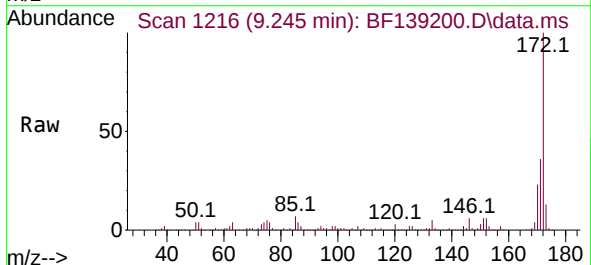
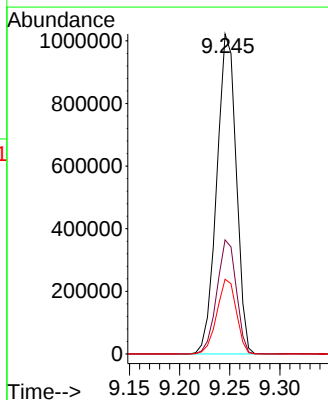
Tgt Ion:172 Resp: 1379686

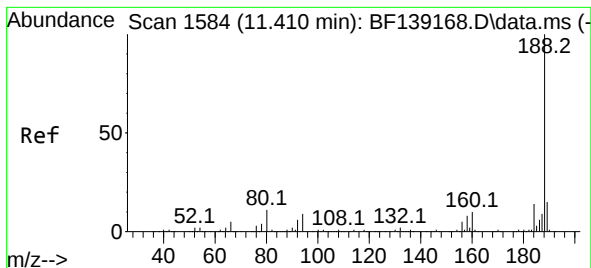
Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.3 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: BF139200.D

Acq: 28 Aug 2024 10:37

Instrument :

BNA_F

ClientSampleId :

PB162991TB

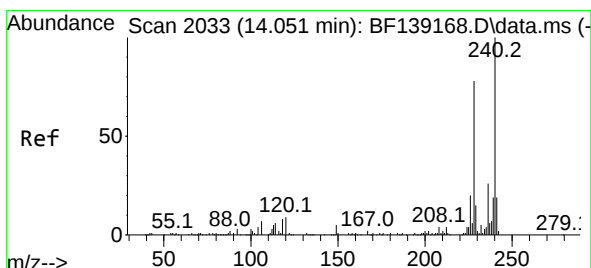
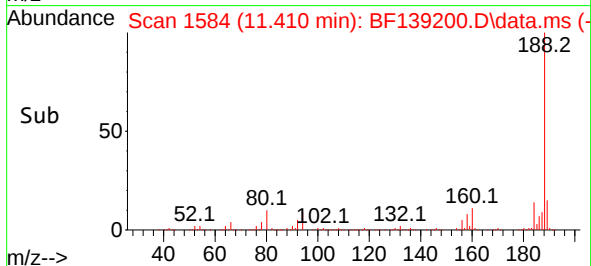
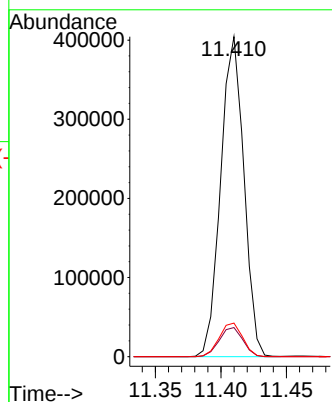
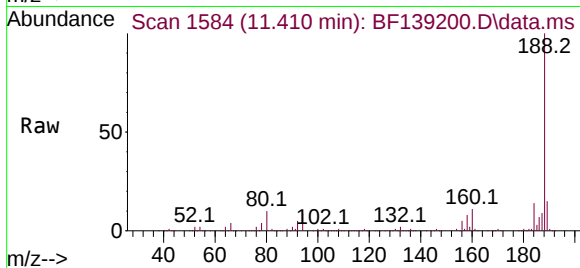
Tgt Ion:188 Resp: 496912

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 10.5 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: BF139200.D

Acq: 28 Aug 2024 10:37

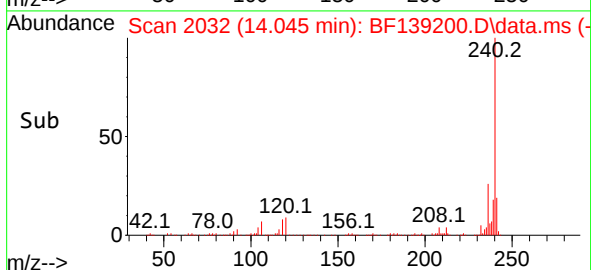
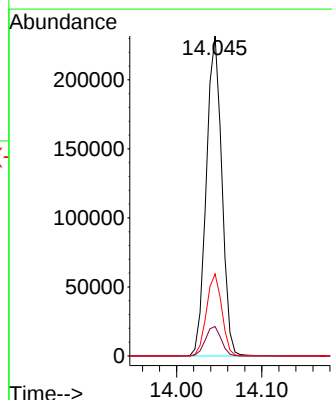
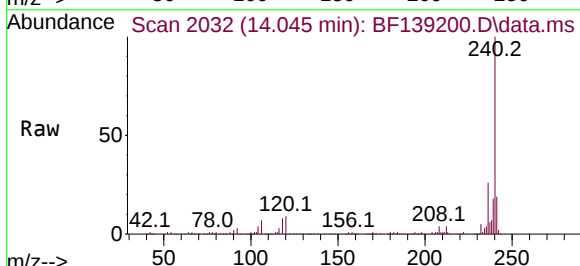
Tgt Ion:240 Resp: 293090

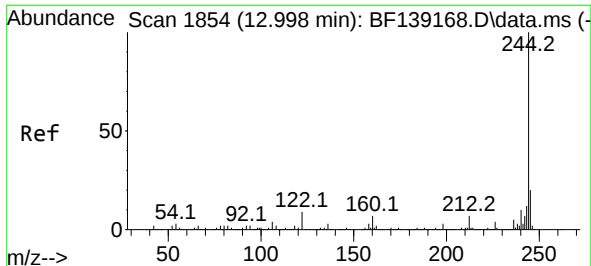
Ion Ratio Lower Upper

240 100

120 9.2 6.9 10.3

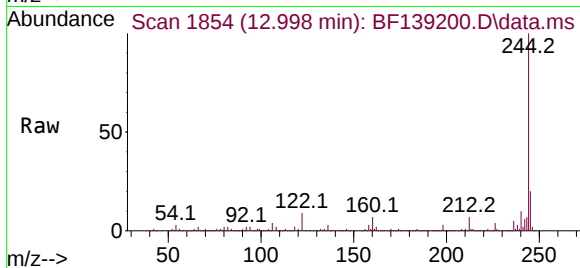
236 25.7 20.9 31.3





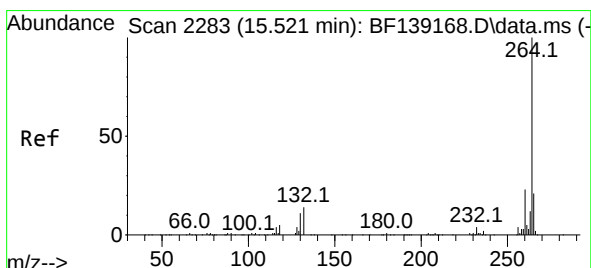
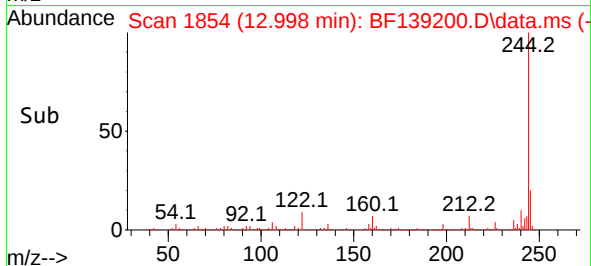
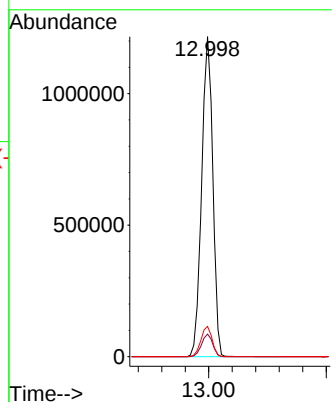
#79
 Terphenyl-d14
 Concen: 84.795 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139200.D
 Acq: 28 Aug 2024 10:37

Instrument :
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Tgt Ion:244 Resp: 1592787

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.5	7.6	11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF139200.D
 Acq: 28 Aug 2024 10:37

Tgt Ion:264 Resp: 211523

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	21.0	17.0	25.6

