

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139185.D
 Acq On : 27 Aug 2024 14:17
 Operator : RC/JU
 Sample : P3717-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Aug 27 15:03:54 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	77327	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	281395	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	154571	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	240639	20.000	ng	0.00
76) Chrysene-d12	14.045	240	168659	20.000	ng	0.00
86) Perylene-d12	15.521	264	142969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	422662	91.847	ng	0.00
7) Phenol-d6	6.510	99	559667	88.617	ng	-0.01
23) Nitrobenzene-d5	7.451	82	346368	68.192	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	123449	93.252	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	618911	62.197	ng	0.00
79) Terphenyl-d14	12.998	244	564024	52.180	ng	0.00

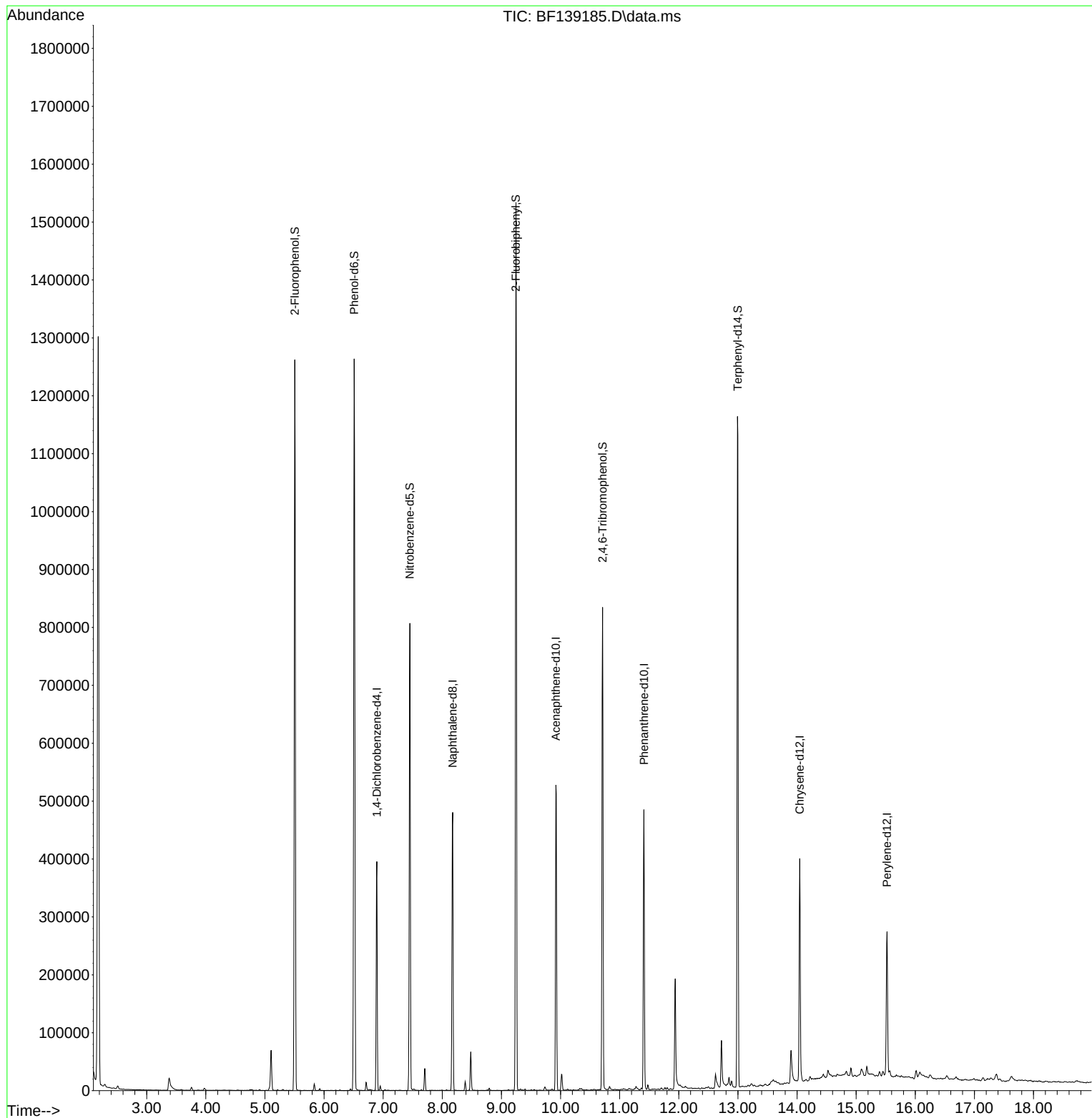
Target Compounds	Qvalue

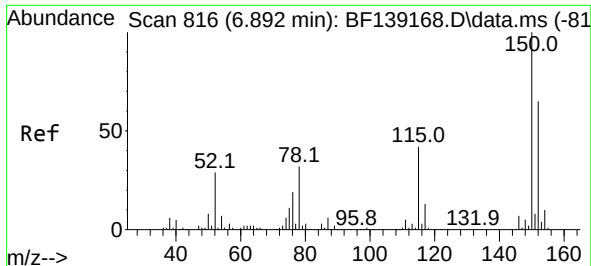
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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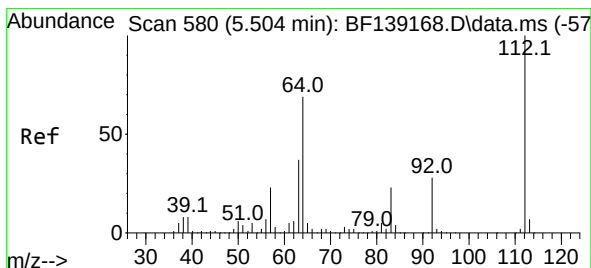
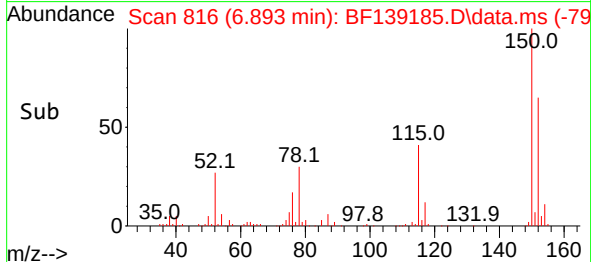
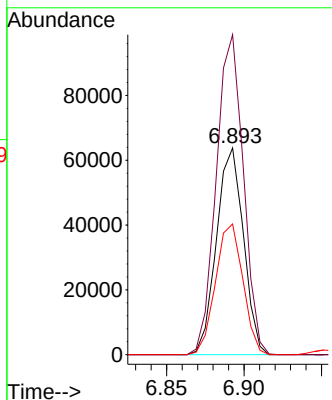
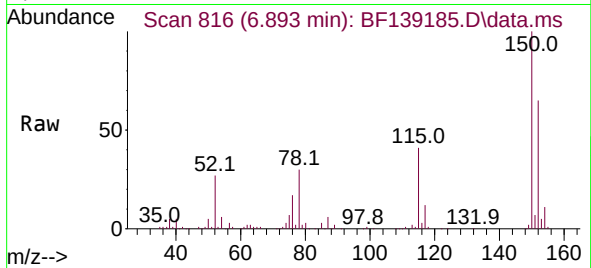




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

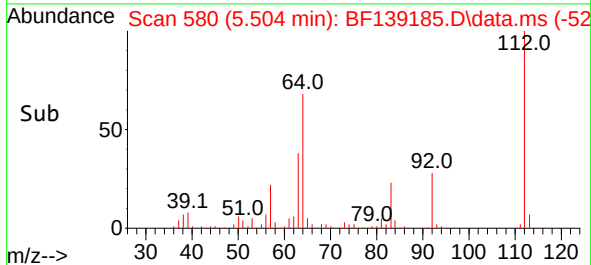
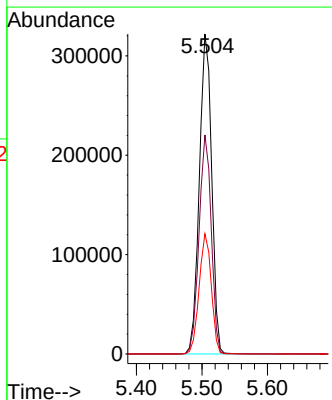
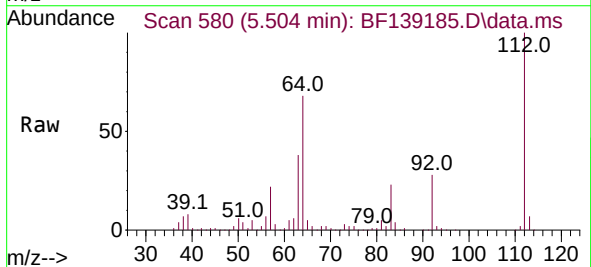
Instrument :
BNA_F
ClientSampleId :
TP-4

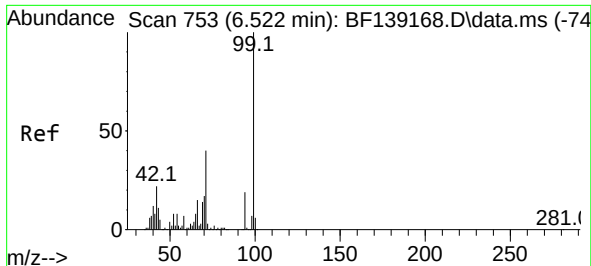
Tgt Ion:152 Resp: 77327
Ion Ratio Lower Upper
152 100
150 154.9 123.7 185.5
115 63.3 51.8 77.8



#5
2-Fluorophenol
Concen: 91.847 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

Tgt Ion:112 Resp: 422662
Ion Ratio Lower Upper
112 100
64 68.5 55.5 83.3
63 37.6 29.8 44.6

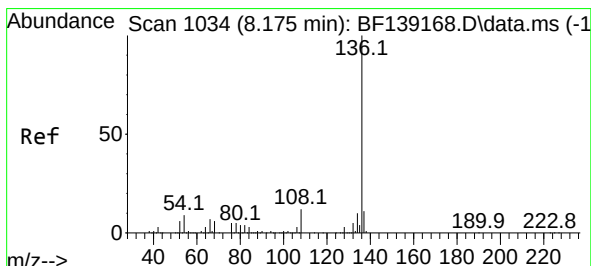
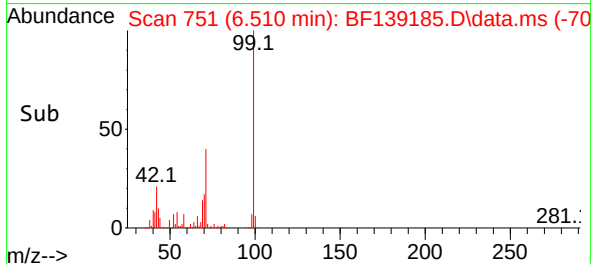
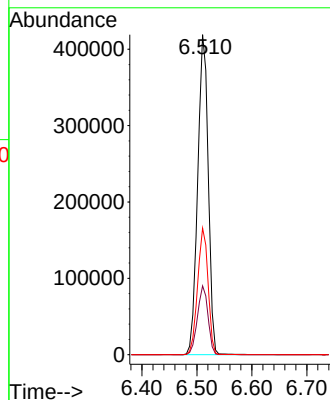
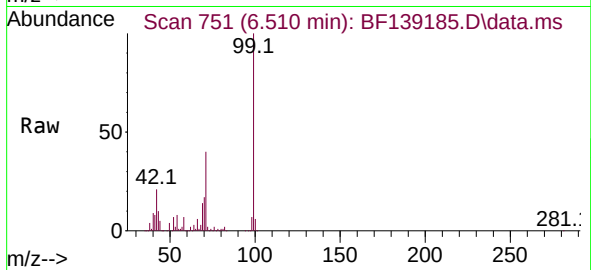




#7
Phenol-d6
Concen: 88.617 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

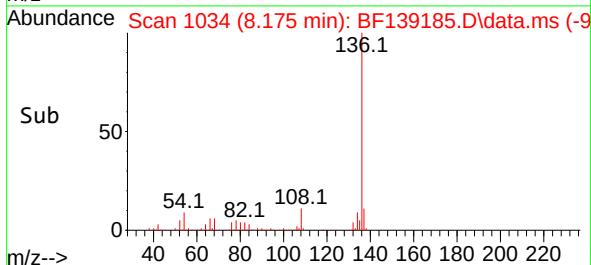
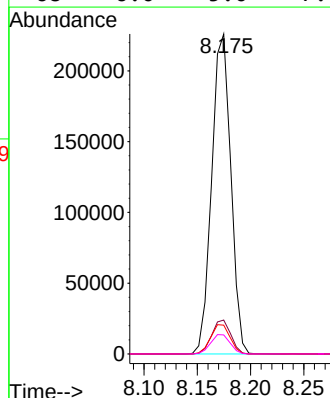
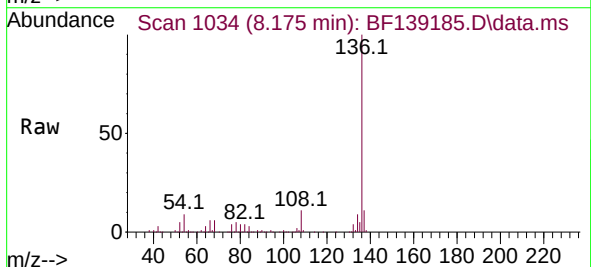
Instrument :
BNA_F
ClientSampleId :
TP-4

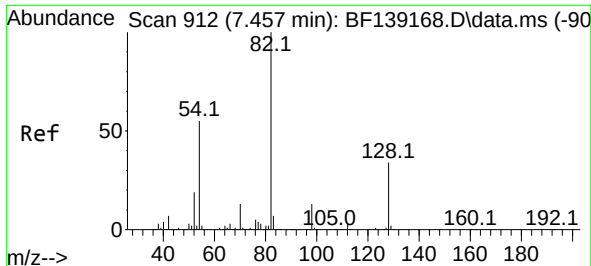
Tgt Ion: 99 Resp: 559667
Ion Ratio Lower Upper
99 100
42 21.5 17.9 26.9
71 39.6 31.7 47.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

Tgt Ion: 136 Resp: 281395
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.0 7.6 11.4
68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 68.192 ng

RT: 7.451 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139185.D

Acq: 27 Aug 2024 14:17

Instrument :

BNA_F

ClientSampleId :

TP-4

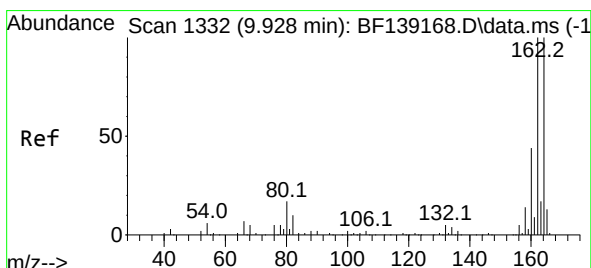
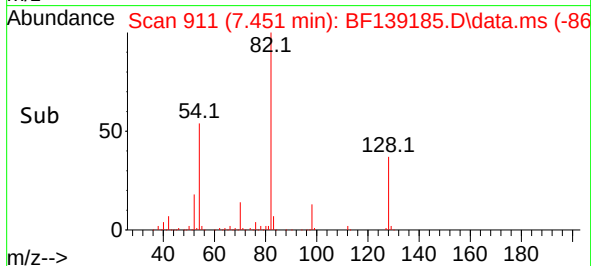
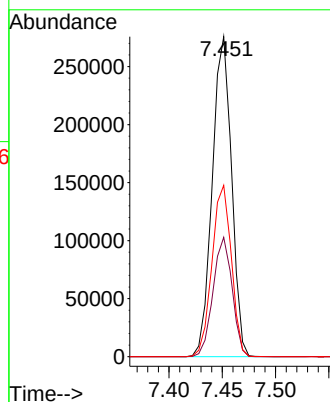
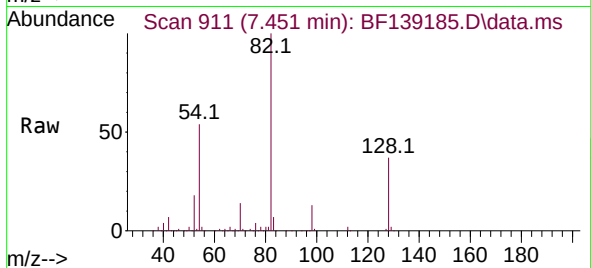
Tgt Ion: 82 Resp: 346368

Ion Ratio Lower Upper

82 100

128 37.3 27.1 40.7

54 53.5 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: BF139185.D

Acq: 27 Aug 2024 14:17

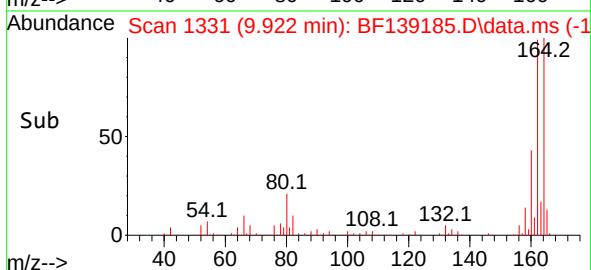
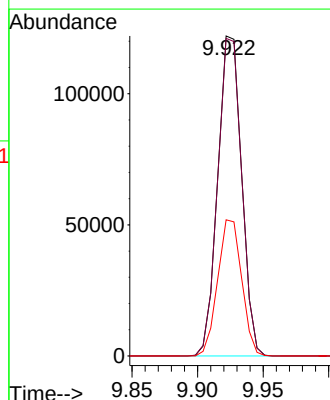
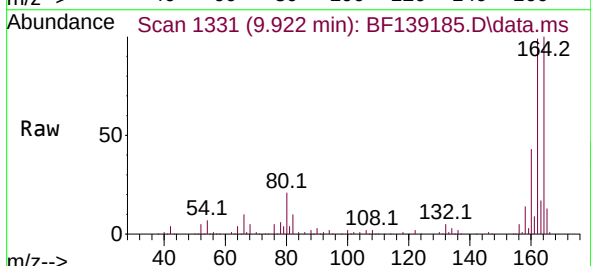
Tgt Ion:164 Resp: 154571

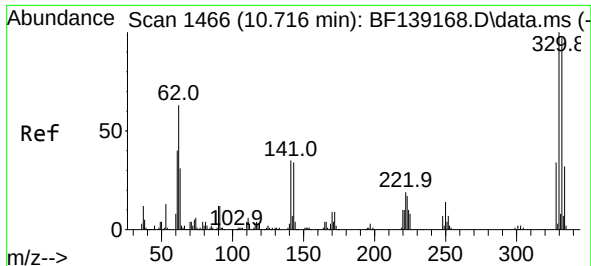
Ion Ratio Lower Upper

164 100

162 99.2 80.0 120.0

160 42.6 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 93.252 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139185.D

Acq: 27 Aug 2024 14:17

Instrument :

BNA_F

ClientSampleId :

TP-4

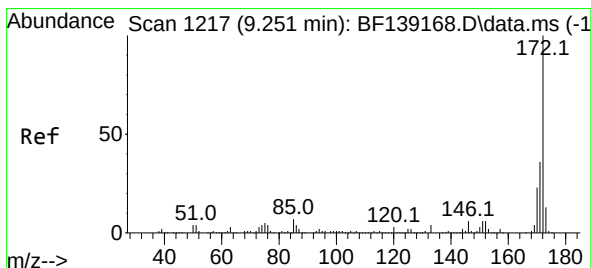
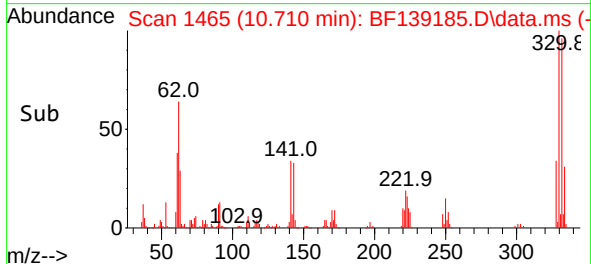
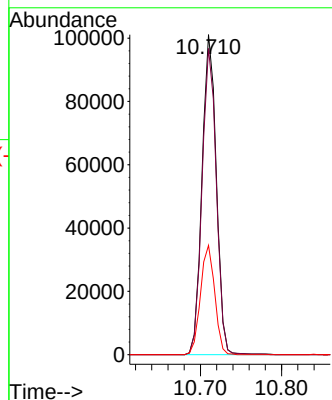
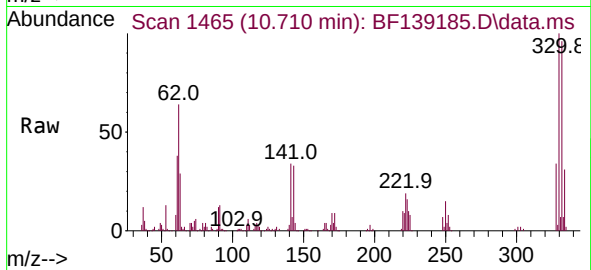
Tgt Ion:330 Resp: 123449

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 34.0 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 62.197 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139185.D

Acq: 27 Aug 2024 14:17

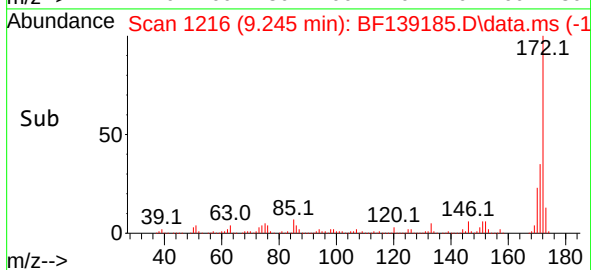
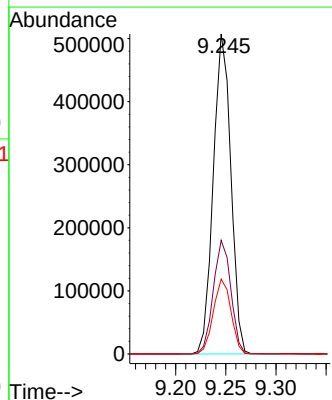
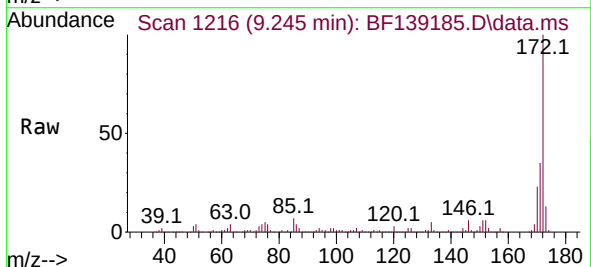
Tgt Ion:172 Resp: 618911

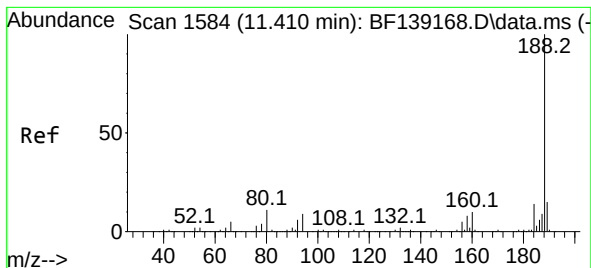
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139185.D

Acq: 27 Aug 2024 14:17

Instrument :

BNA_F

ClientSampleId :

TP-4

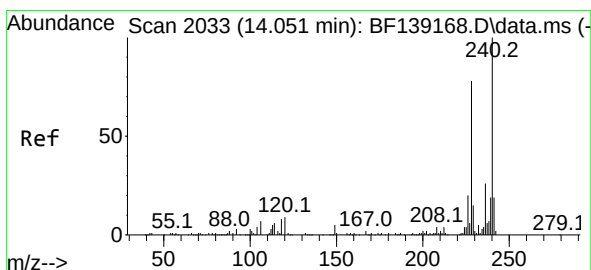
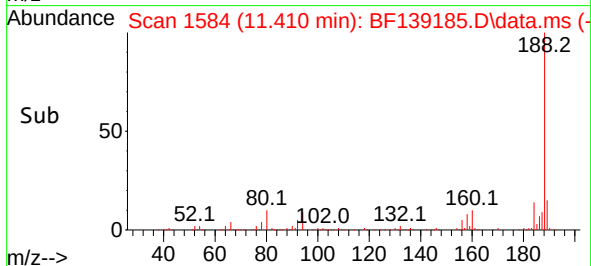
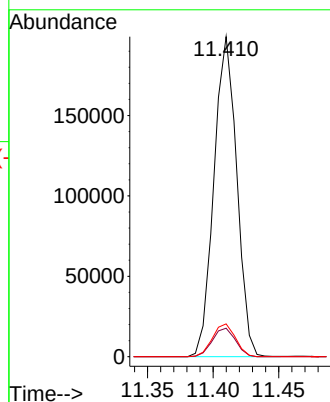
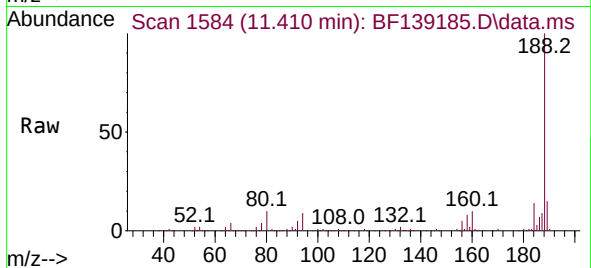
Tgt Ion:188 Resp: 240639

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 10.3 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: BF139185.D

Acq: 27 Aug 2024 14:17

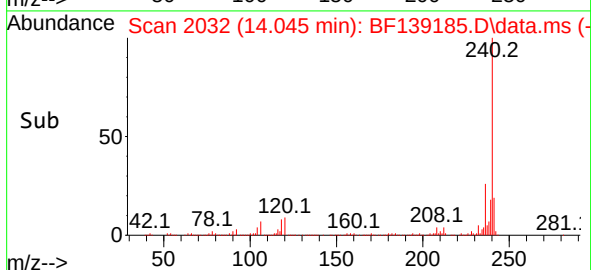
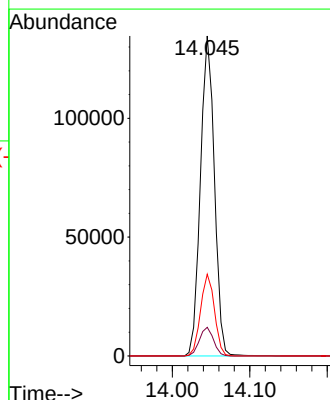
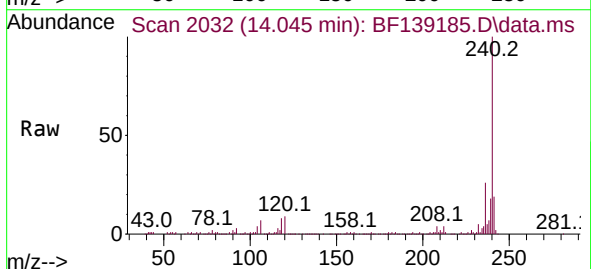
Tgt Ion:240 Resp: 168659

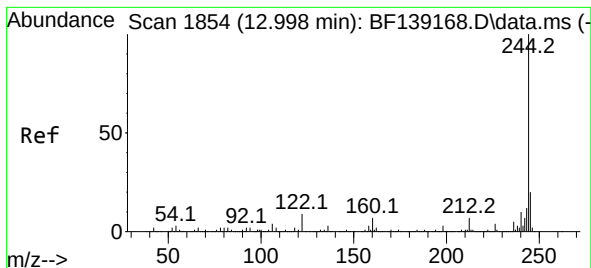
Ion Ratio Lower Upper

240 100

120 9.0 6.9 10.3

236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 52.180 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139185.D

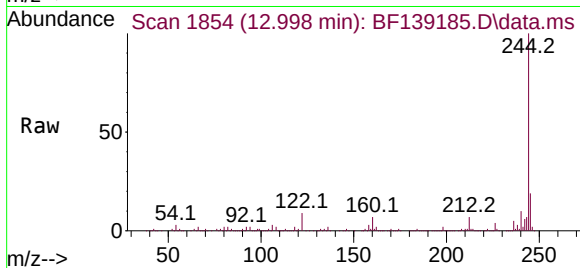
Acq: 27 Aug 2024 14:17

Instrument :

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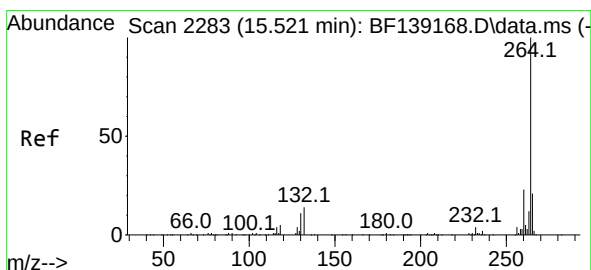
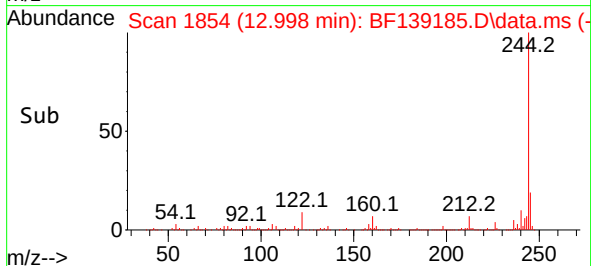
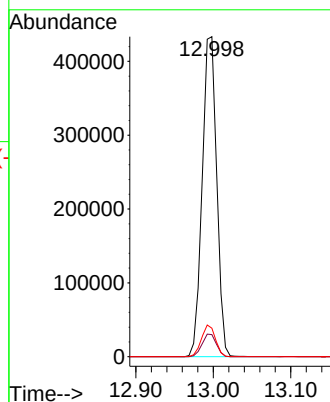
Tgt Ion:244 Resp: 564024

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 8.9 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: BF139185.D

Acq: 27 Aug 2024 14:17

Tgt Ion:264 Resp: 142969

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 21.5 17.0 25.6

