

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139715.D
 Acq On : 09 Oct 2024 11:40
 Operator : RC/JU
 Sample : PB163947BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163947BL

Quant Time: Oct 09 12:48:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	92304	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	351162	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	199451	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	392411	20.000	ng	0.00
76) Chrysene-d12	14.027	240	247748	20.000	ng	0.00
86) Perylene-d12	15.498	264	192020	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	764737	143.599	ng	0.01
7) Phenol-d6	6.498	99	992310	138.559	ng	0.00
23) Nitrobenzene-d5	7.428	82	664031	95.739	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	265159	137.718	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1219274	93.848	ng	0.00
79) Terphenyl-d14	12.975	244	1410023	93.386	ng	0.00

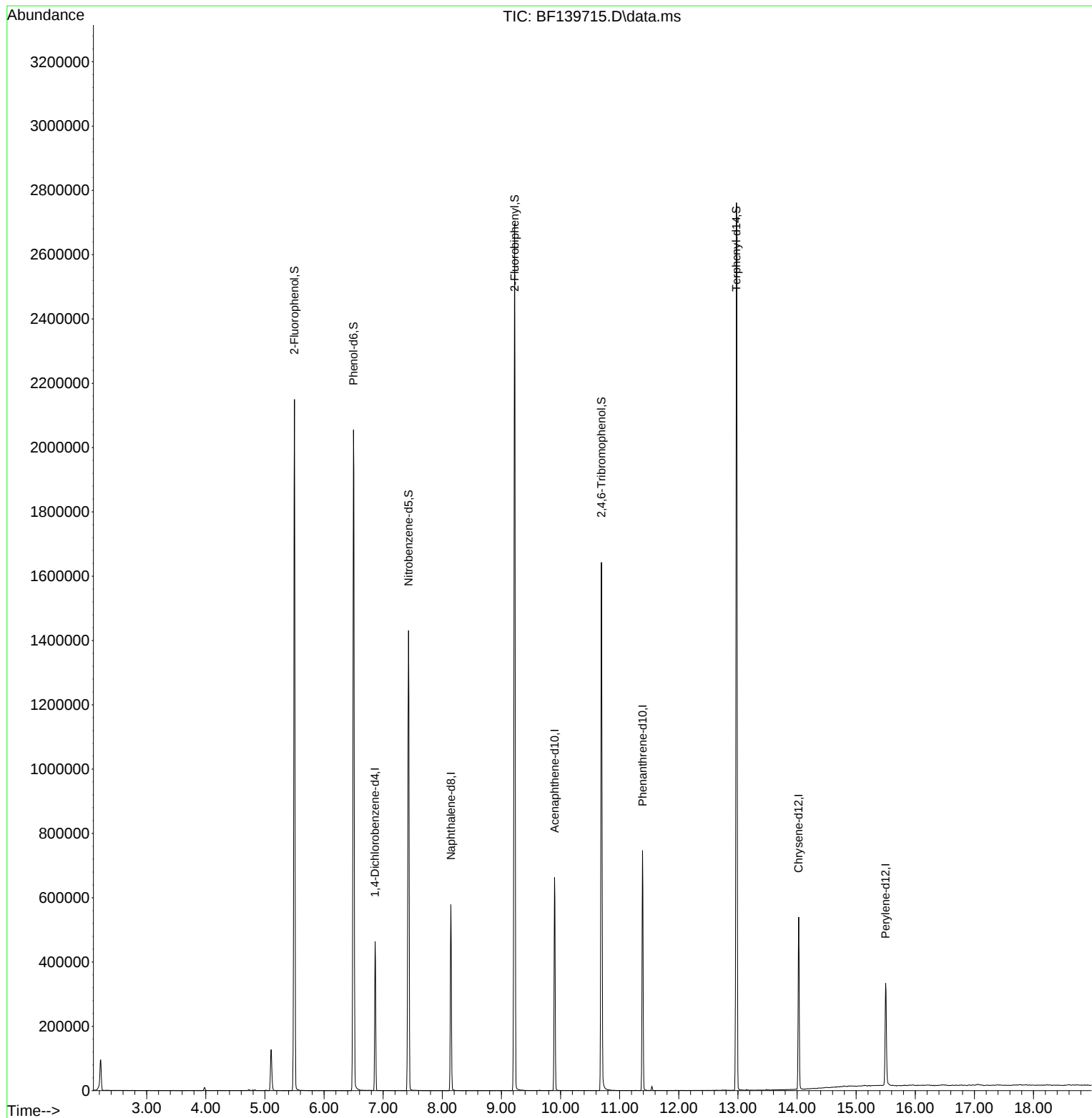
Target Compounds	Qvalue

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

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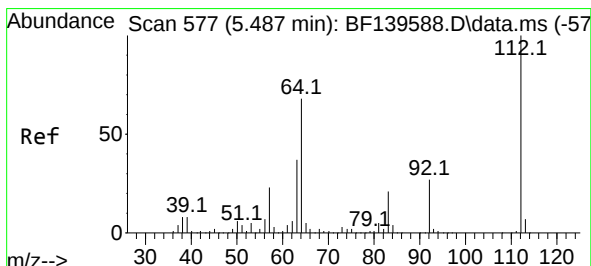
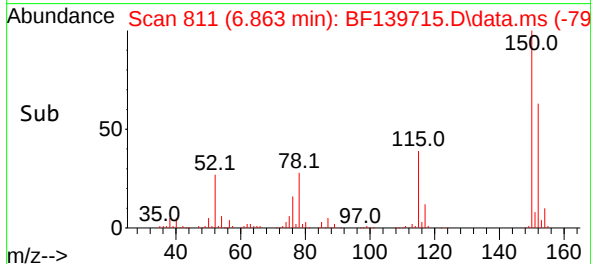
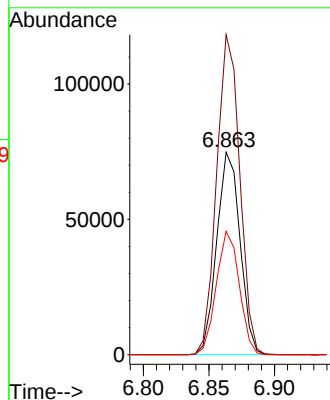
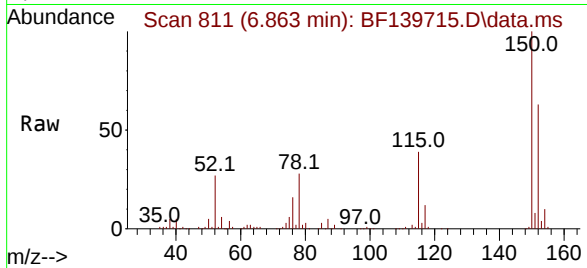




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139715.D
Acq: 09 Oct 2024 11:40

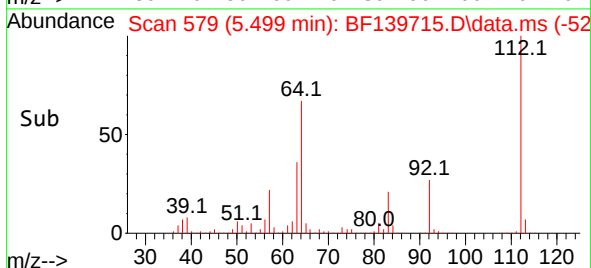
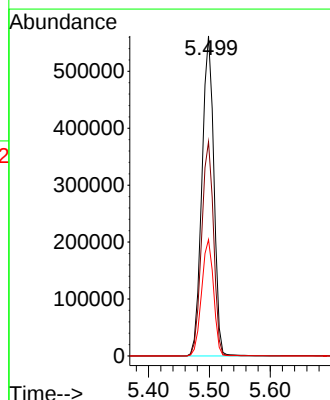
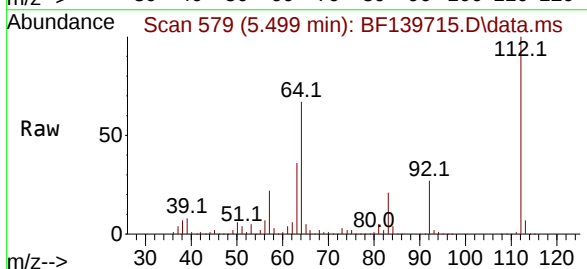
Instrument :
BNA_F
ClientSampleId :
PB163947BL

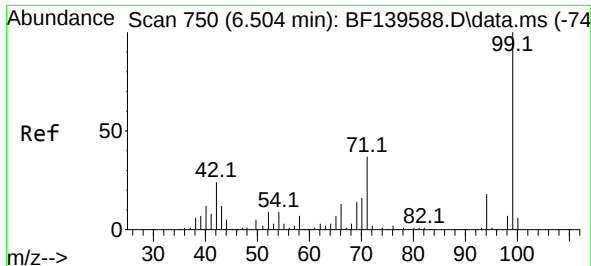
Tgt Ion:152 Resp: 92304
Ion Ratio Lower Upper
152 100
150 158.1 127.2 190.8
115 60.9 49.0 73.4



#5
2-Fluorophenol
Concen: 143.599 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF139715.D
Acq: 09 Oct 2024 11:40

Tgt Ion:112 Resp: 764737
Ion Ratio Lower Upper
112 100
64 66.9 54.2 81.4
63 36.3 29.4 44.2

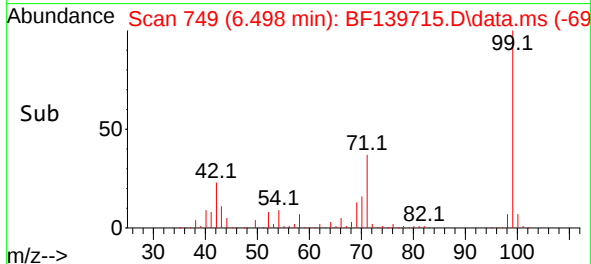
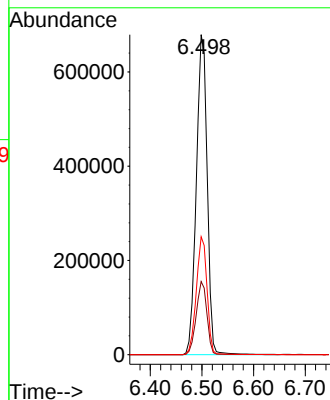
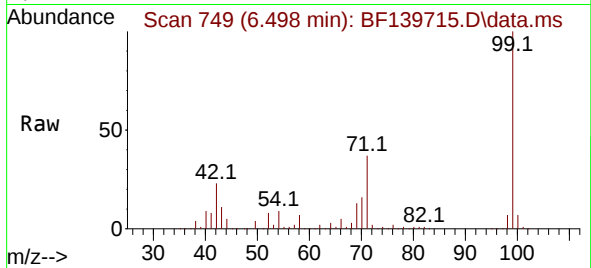




#7
Phenol-d6
Concen: 138.559 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139715.D
Acq: 09 Oct 2024 11:40

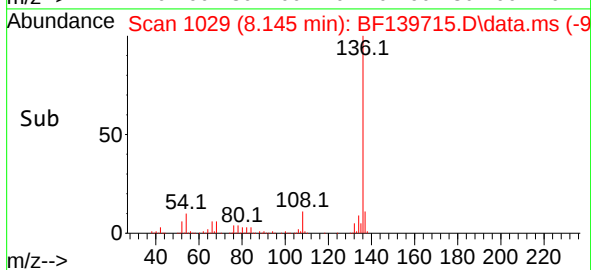
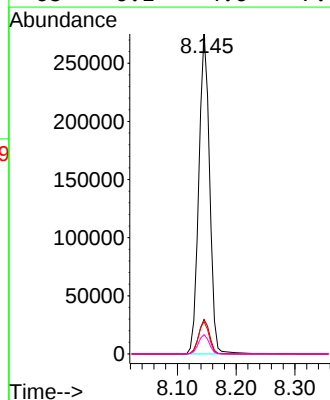
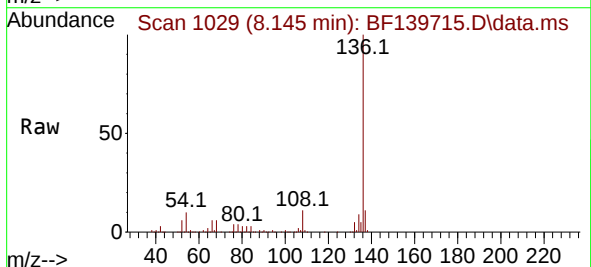
Instrument :
BNA_F
ClientSampleId :
PB163947BL

Tgt Ion: 99 Resp: 992310
Ion Ratio Lower Upper
99 100
42 22.8 19.1 28.7
71 36.8 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139715.D
Acq: 09 Oct 2024 11:40

Tgt Ion: 136 Resp: 351162
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.1 8.3 12.5
68 6.1 4.6 7.0





#23

Nitrobenzene-d5

Concen: 95.739 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139715.D

Acq: 09 Oct 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB163947BL

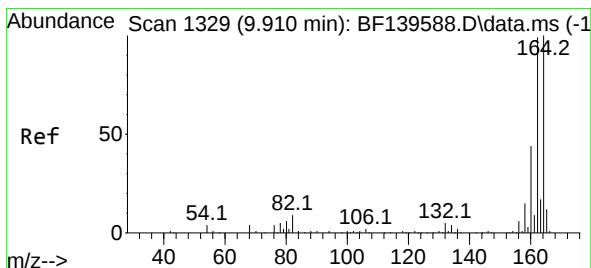
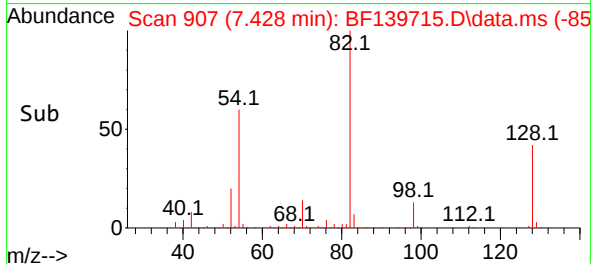
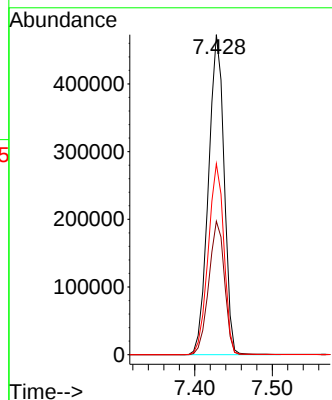
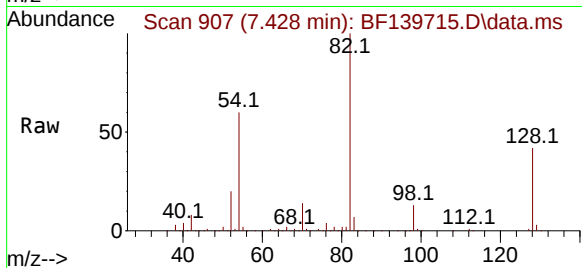
Tgt Ion: 82 Resp: 664031

Ion Ratio Lower Upper

82 100

128 41.7 32.4 48.6

54 59.6 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.012 min

Lab File: BF139715.D

Acq: 09 Oct 2024 11:40

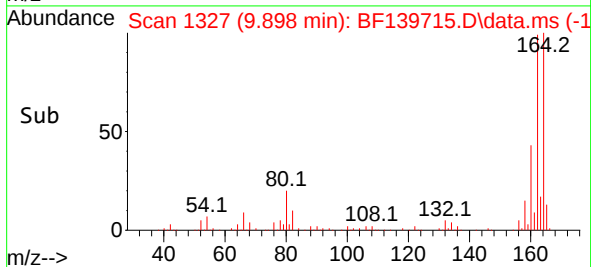
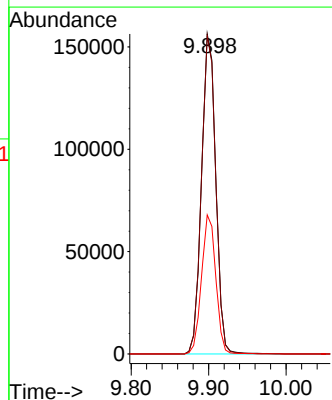
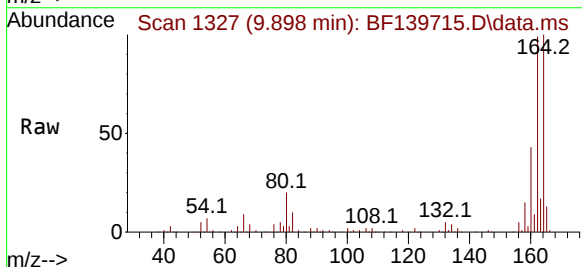
Tgt Ion:164 Resp: 199451

Ion Ratio Lower Upper

164 100

162 99.5 79.4 119.0

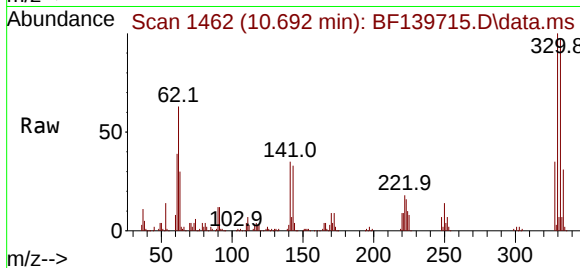
160 43.4 35.1 52.7



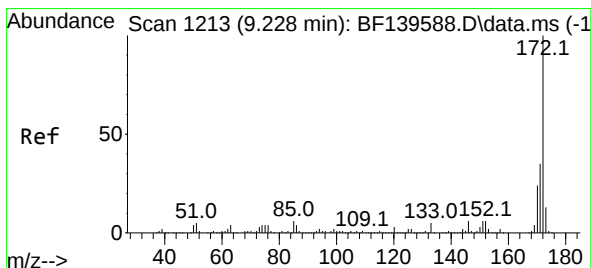
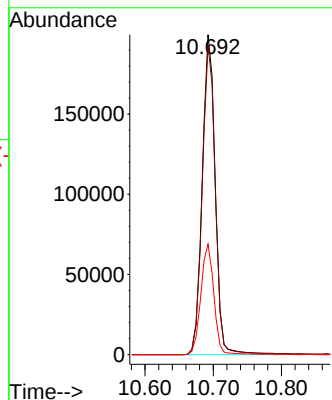
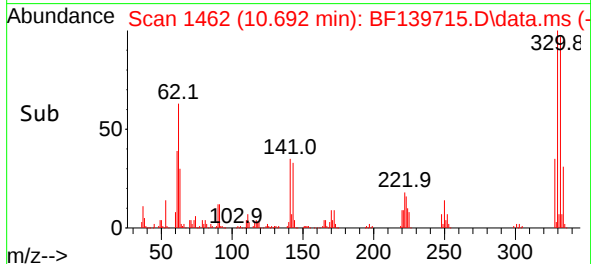


#42
2,4,6-Tribromophenol
Concen: 137.718 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139715.D
Acq: 09 Oct 2024 11:40

Instrument :
BNA_F
ClientSampleId :
PB163947BL

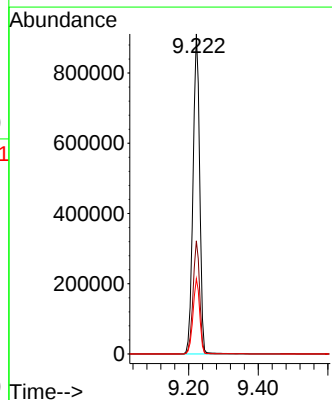
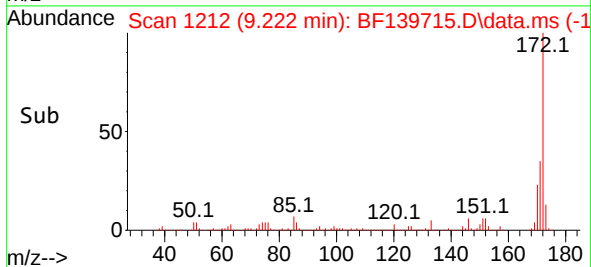
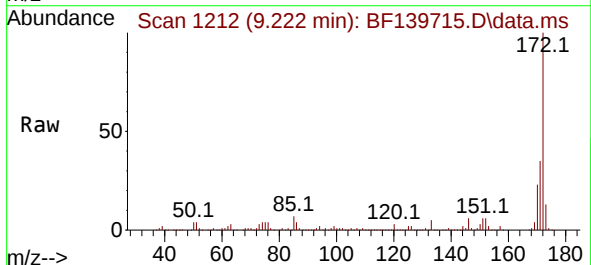


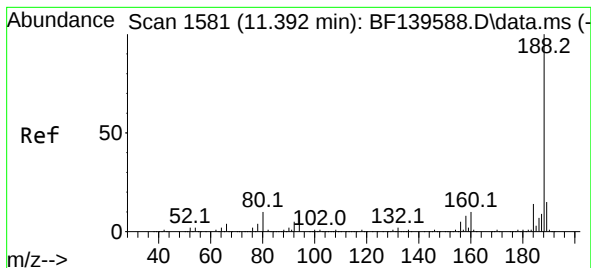
Tgt Ion:330 Resp: 265159
Ion Ratio Lower Upper
330 100
332 97.4 76.5 114.7
141 34.9 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 93.848 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139715.D
Acq: 09 Oct 2024 11:40

Tgt Ion:172 Resp: 1219274
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139715.D

Acq: 09 Oct 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB163947BL

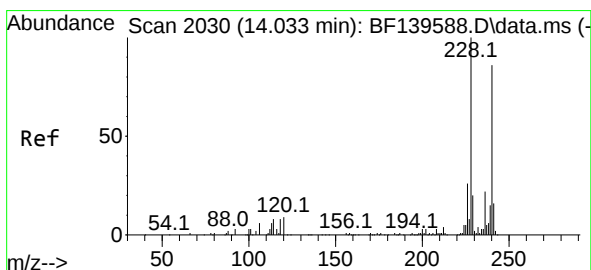
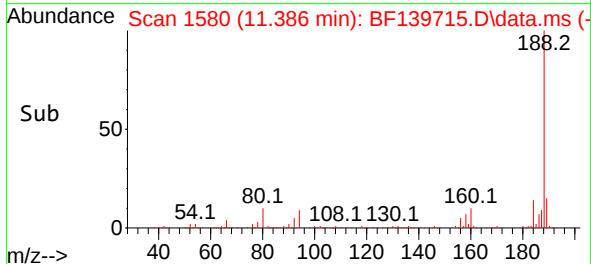
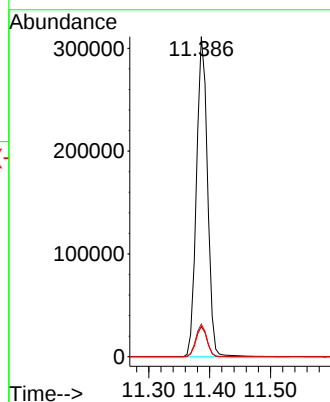
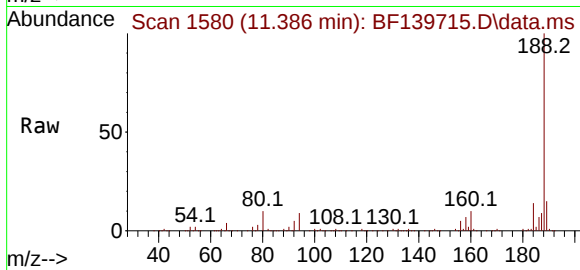
Tgt Ion:188 Resp: 392411

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 10.2 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139715.D

Acq: 09 Oct 2024 11:40

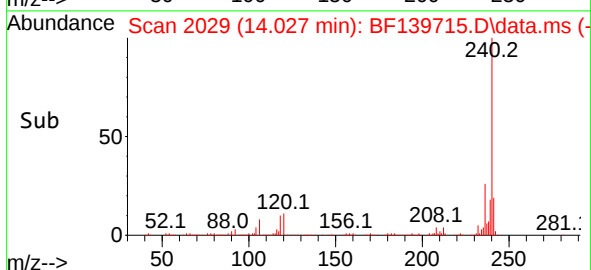
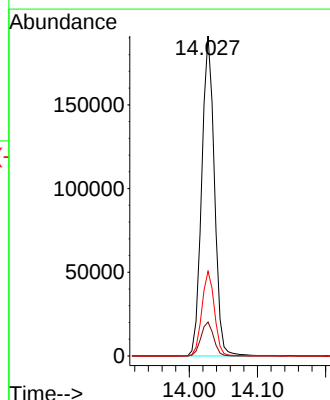
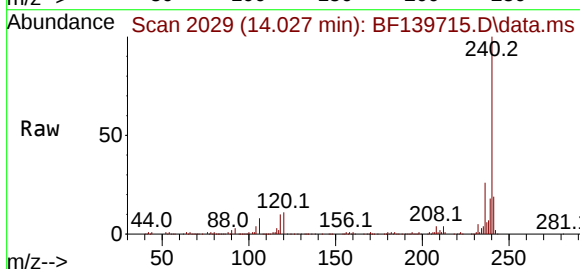
Tgt Ion:240 Resp: 247748

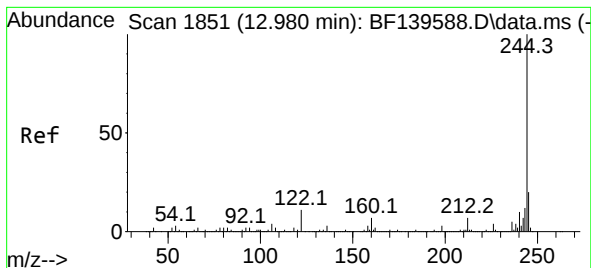
Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

236 26.5 20.3 30.5





#79

Terphenyl-d14

Concen: 93.386 ng

RT: 12.975 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF139715.D

Acq: 09 Oct 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB163947BL

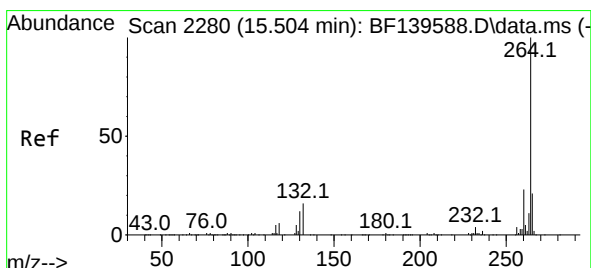
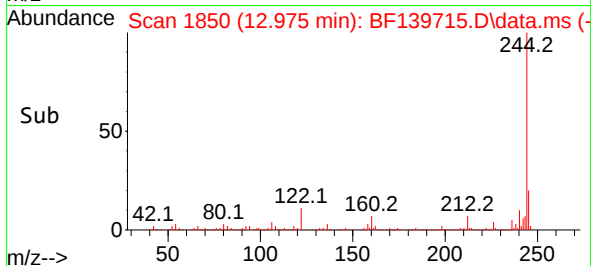
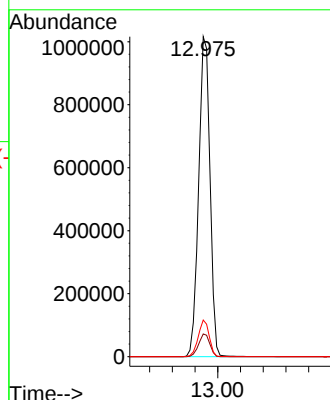
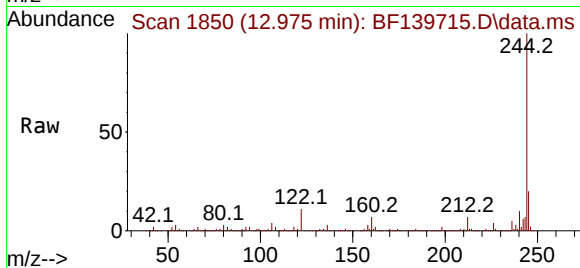
Tgt Ion:244 Resp: 1410023

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 11.5 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139715.D

Acq: 09 Oct 2024 11:40

Tgt Ion:264 Resp: 192020

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 20.4 16.9 25.3

