

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139105.D
 Acq On : 21 Aug 2024 16:50
 Operator : RC/JU
 Sample : P3660-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-901-J-0.5-1-081624

Quant Time: Aug 21 17:57:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

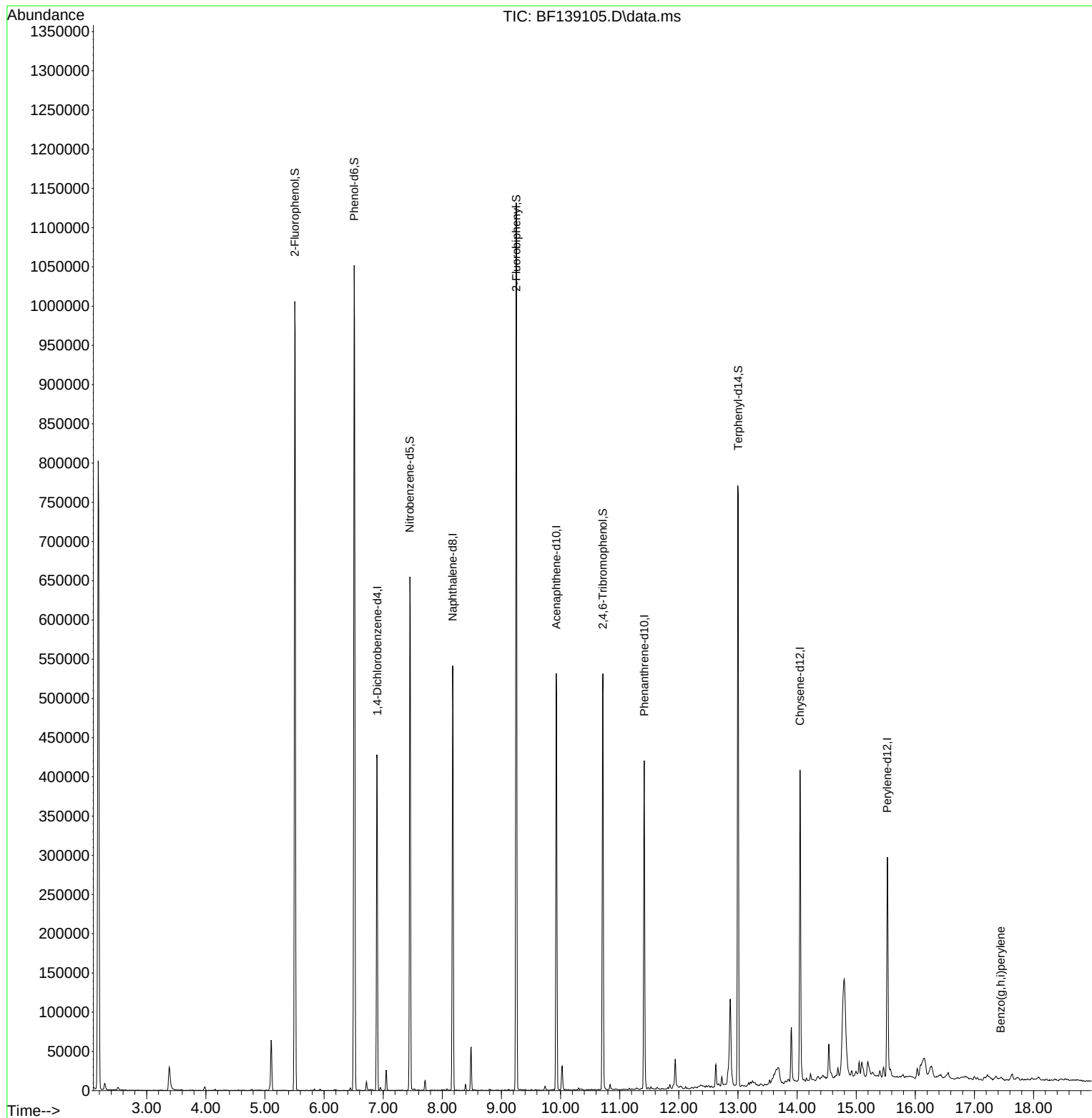
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	85374	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	304737	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	152414	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	207304	20.000	ng	0.00
76) Chrysene-d12	14.051	240	172523	20.000	ng	0.00
86) Perylene-d12	15.527	264	154645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	340095	61.288	ng	0.00
7) Phenol-d6	6.510	99	457679	63.831	ng	-0.01
23) Nitrobenzene-d5	7.451	82	284362	54.374	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	78908	57.189	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	455027	47.368	ng	0.00
79) Terphenyl-d14	13.004	244	370447	35.629	ng	0.00
Target Compounds						
92) Benzo(g,h,i)perylene	17.445	276	2981	3.125	ng	Qvalue 97

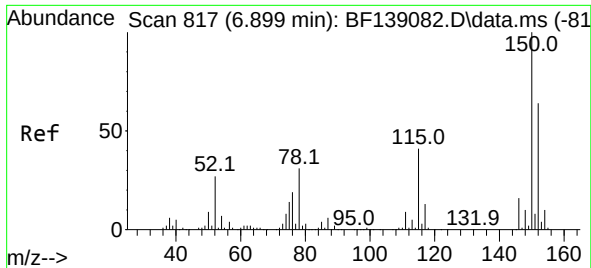
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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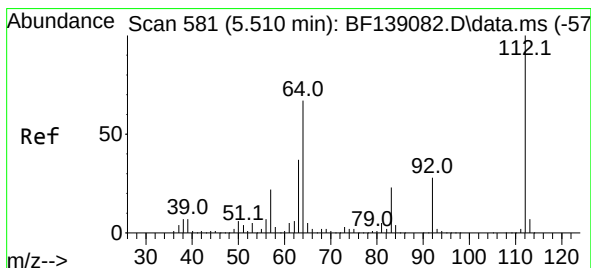
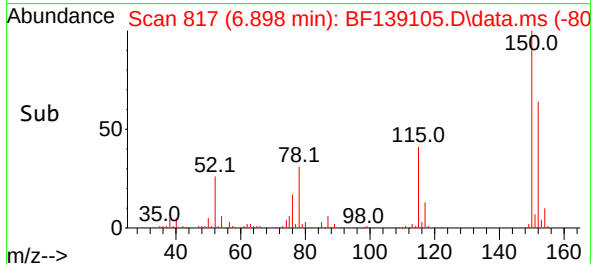
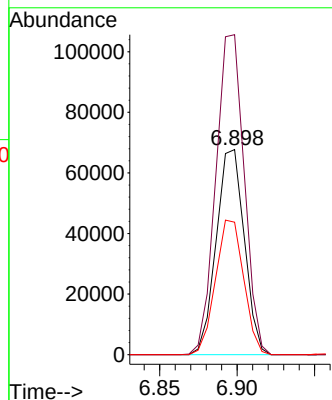
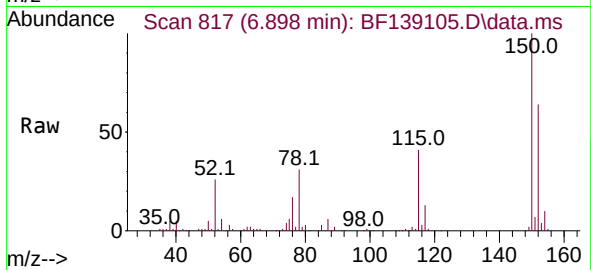




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139105.D
Acq: 21 Aug 2024 16:50

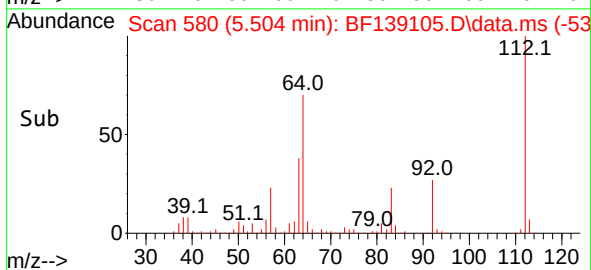
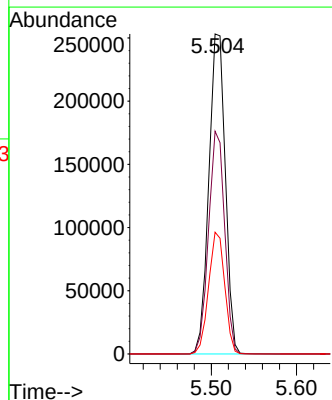
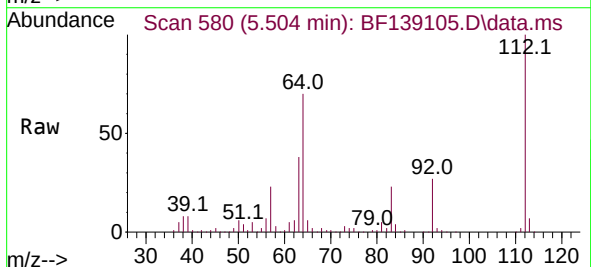
Instrument :
BNA_F
ClientSampleId :
S-901-J-0.5-1-081624

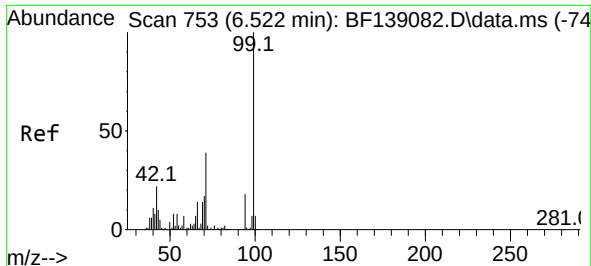
Tgt Ion:152 Resp: 85374
Ion Ratio Lower Upper
152 100
150 156.0 125.1 187.7
115 64.6 51.8 77.6



#5
2-Fluorophenol
Concen: 61.288 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.006 min
Lab File: BF139105.D
Acq: 21 Aug 2024 16:50

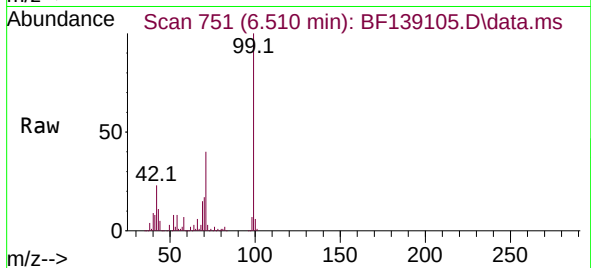
Tgt Ion:112 Resp: 340095
Ion Ratio Lower Upper
112 100
64 69.6 53.8 80.6
63 38.0 29.4 44.2



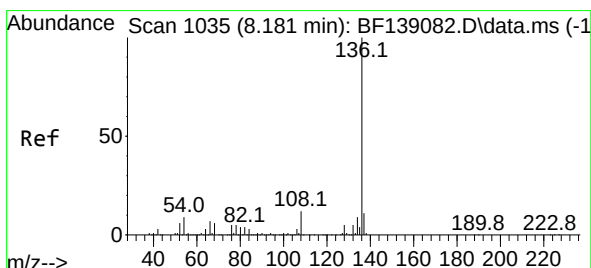
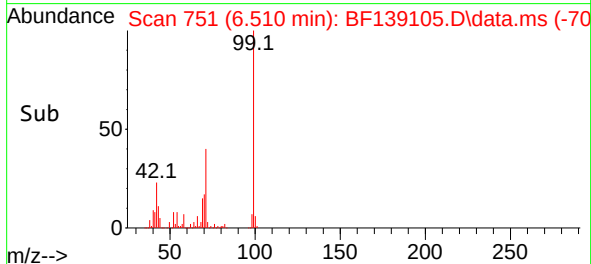
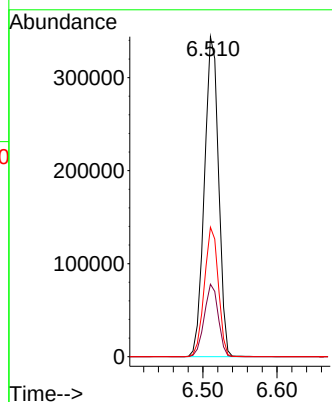


#7
Phenol-d6
Concen: 63.831 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139105.D
Acq: 21 Aug 2024 16:50

Instrument :
BNA_F
ClientSampleId :
S-901-J-0.5-1-081624

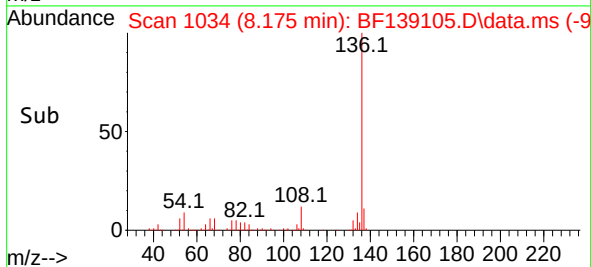
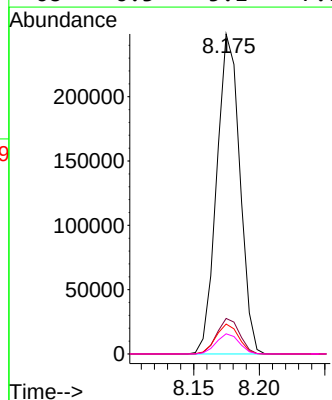
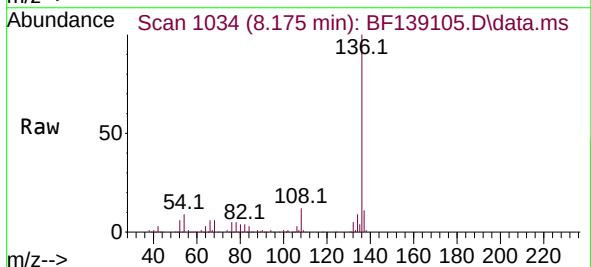


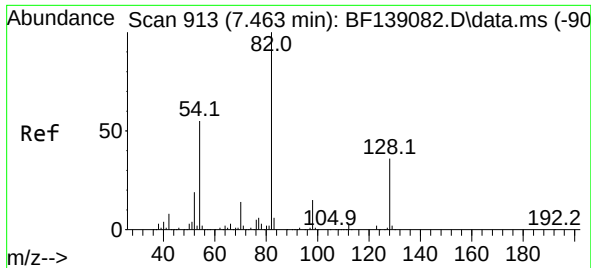
Tgt Ion: 99 Resp: 457679
Ion Ratio Lower Upper
99 100
42 22.6 17.4 26.2
71 40.4 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139105.D
Acq: 21 Aug 2024 16:50

Tgt Ion: 136 Resp: 304737
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 9.4 7.6 11.4
68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 54.374 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF139105.D

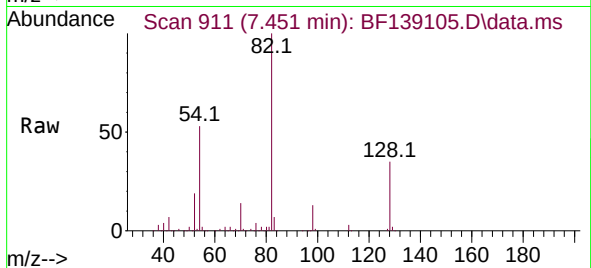
Acq: 21 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

S-901-J-0.5-1-081624



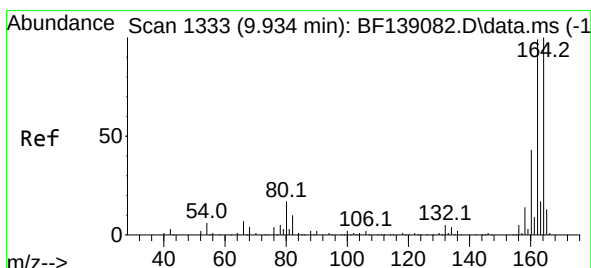
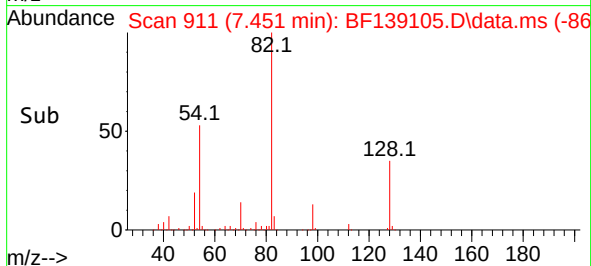
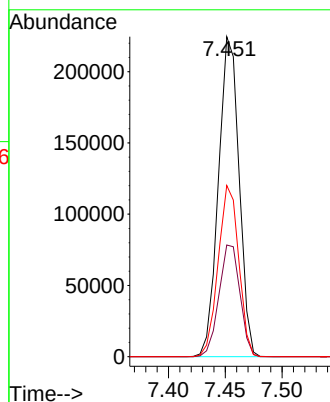
Tgt Ion: 82 Resp: 284362

Ion Ratio Lower Upper

82 100

128 34.9 29.0 43.4

54 53.5 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF139105.D

Acq: 21 Aug 2024 16:50

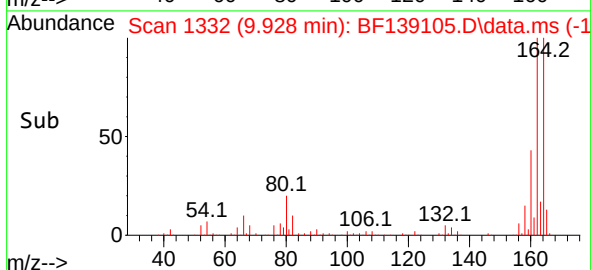
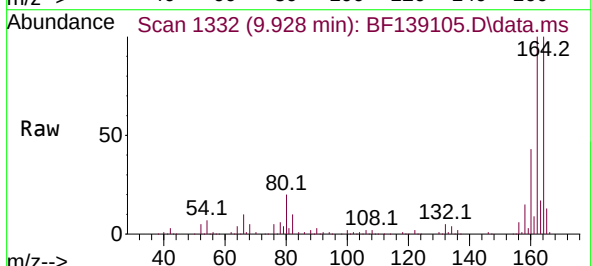
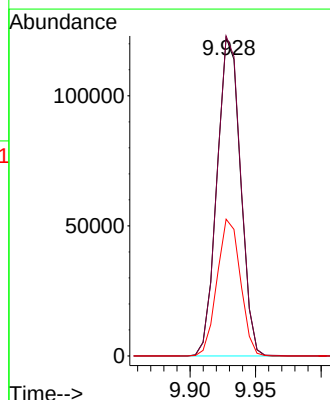
Tgt Ion: 164 Resp: 152414

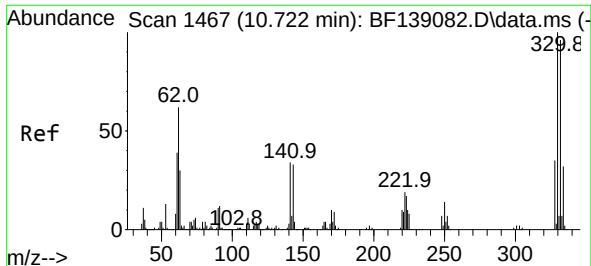
Ion Ratio Lower Upper

164 100

162 100.4 79.5 119.3

160 42.9 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 57.189 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139105.D

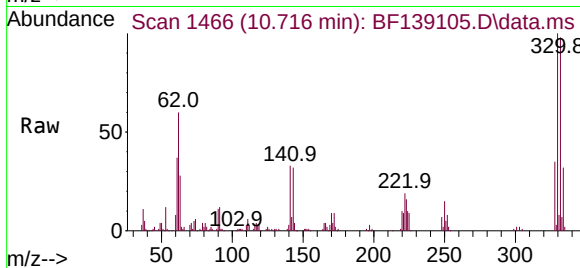
Acq: 21 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

S-901-J-0.5-1-081624



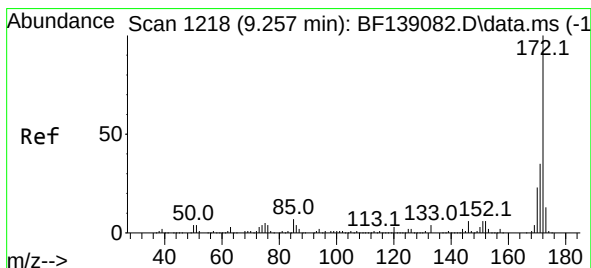
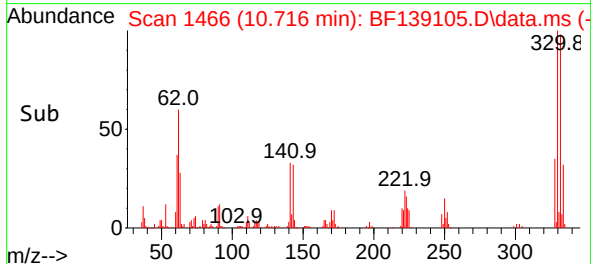
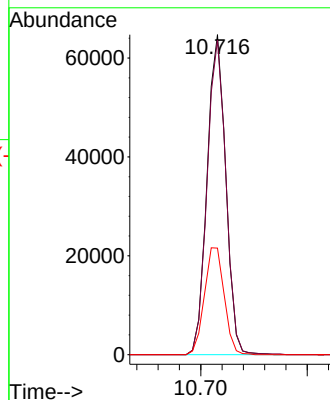
Tgt Ion:330 Resp: 78908

Ion Ratio Lower Upper

330 100

332 98.9 77.0 115.6

141 35.5 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 47.368 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF139105.D

Acq: 21 Aug 2024 16:50

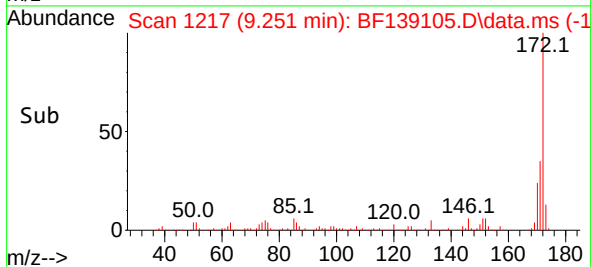
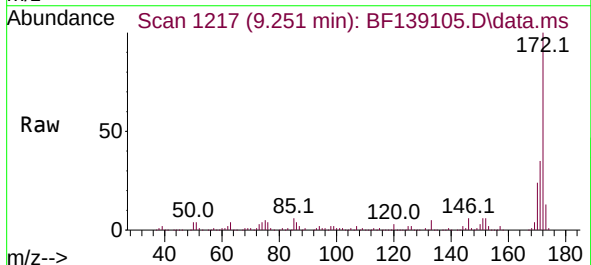
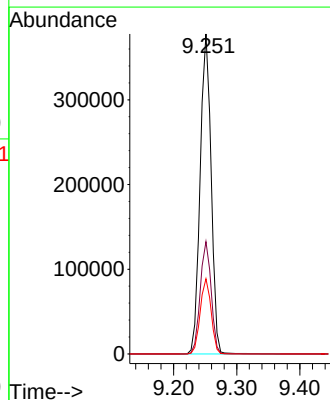
Tgt Ion:172 Resp: 455027

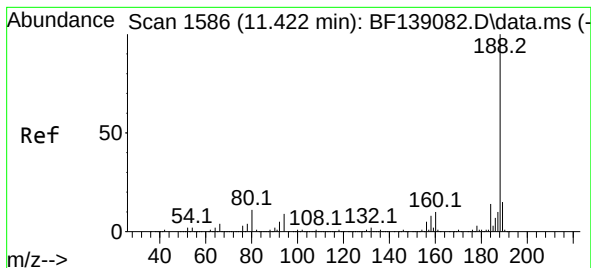
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139105.D

Acq: 21 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

S-901-J-0.5-1-081624

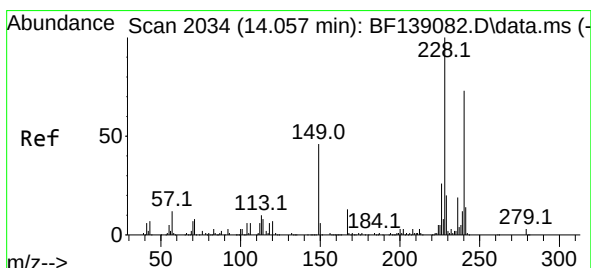
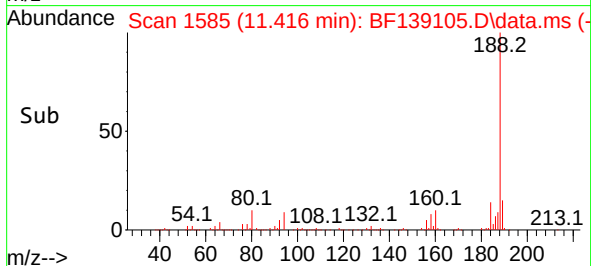
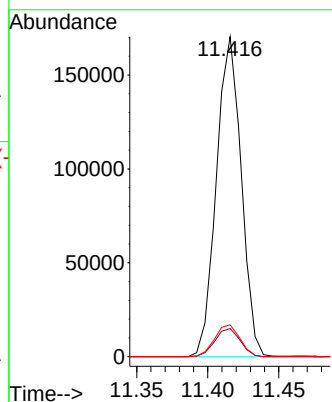
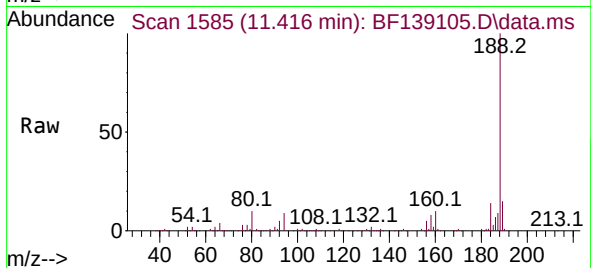
Tgt Ion:188 Resp: 207304

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 10.0 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF139105.D

Acq: 21 Aug 2024 16:50

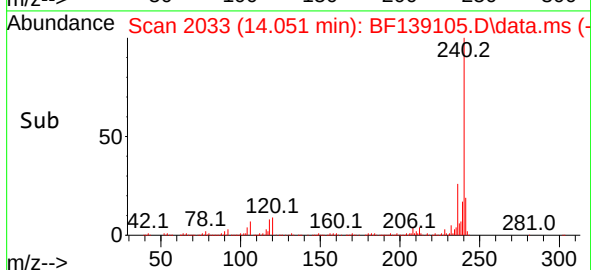
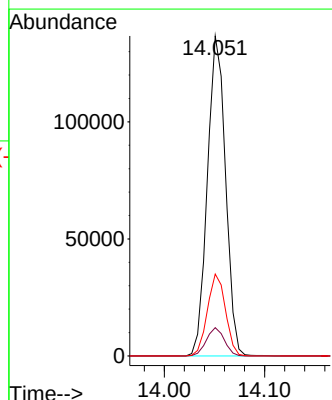
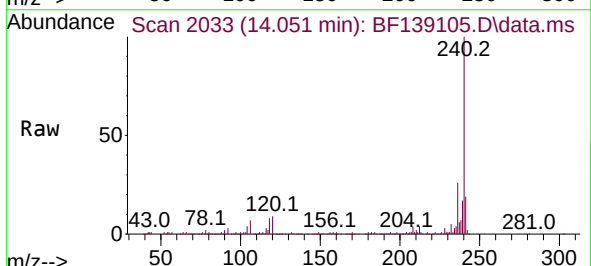
Tgt Ion:240 Resp: 172523

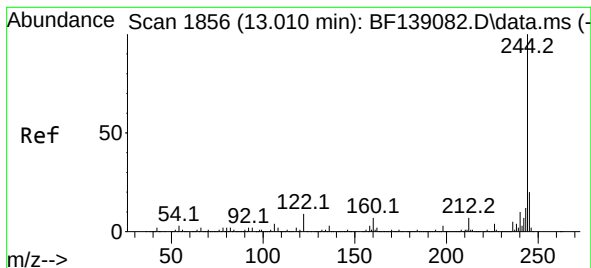
Ion Ratio Lower Upper

240 100

120 8.9 7.8 11.6

236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 35.629 ng

RT: 13.004 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139105.D

Acq: 21 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

S-901-J-0.5-1-081624

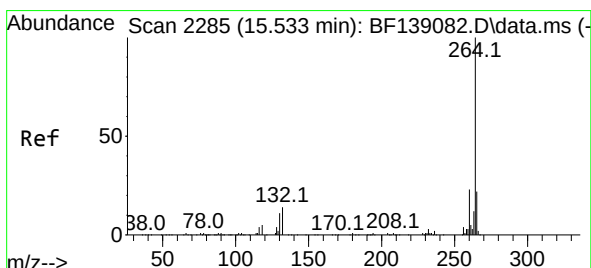
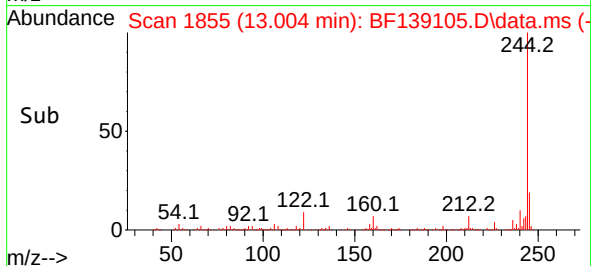
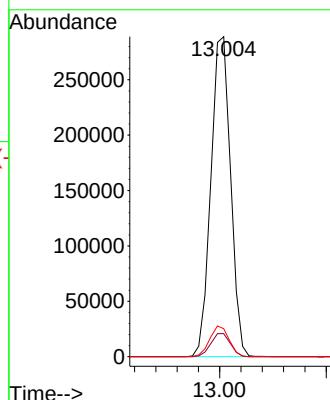
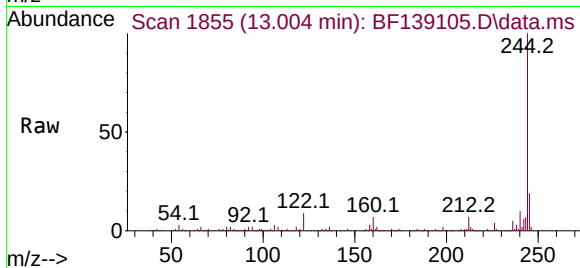
Tgt Ion:244 Resp: 370447

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 8.7 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.006 min

Lab File: BF139105.D

Acq: 21 Aug 2024 16:50

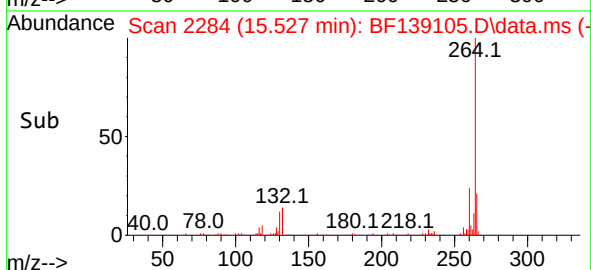
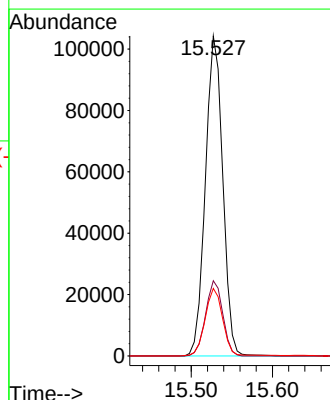
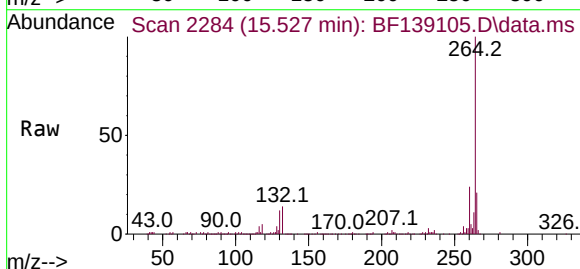
Tgt Ion:264 Resp: 154645

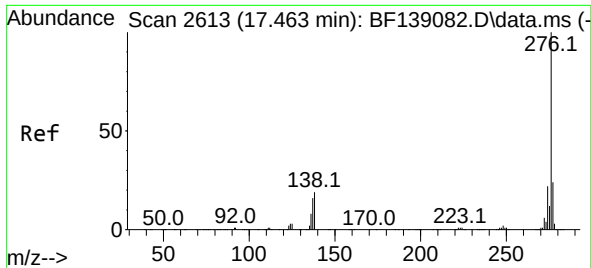
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

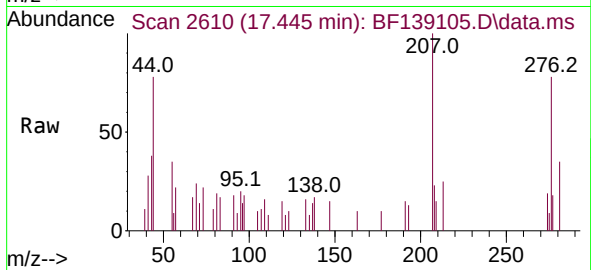
265 21.1 17.4 26.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.125 ng
 RT: 17.445 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: BF139105.D
 Acq: 21 Aug 2024 16:50

Instrument :
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Tgt Ion:	276	Resp:	2981
Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.8	28.2
138	21.2	15.0	22.4

