

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139151.D
 Acq On : 23 Aug 2024 17:13
 Operator : RC/JU
 Sample : P3707-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024

Quant Time: Aug 23 17:49:25 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)

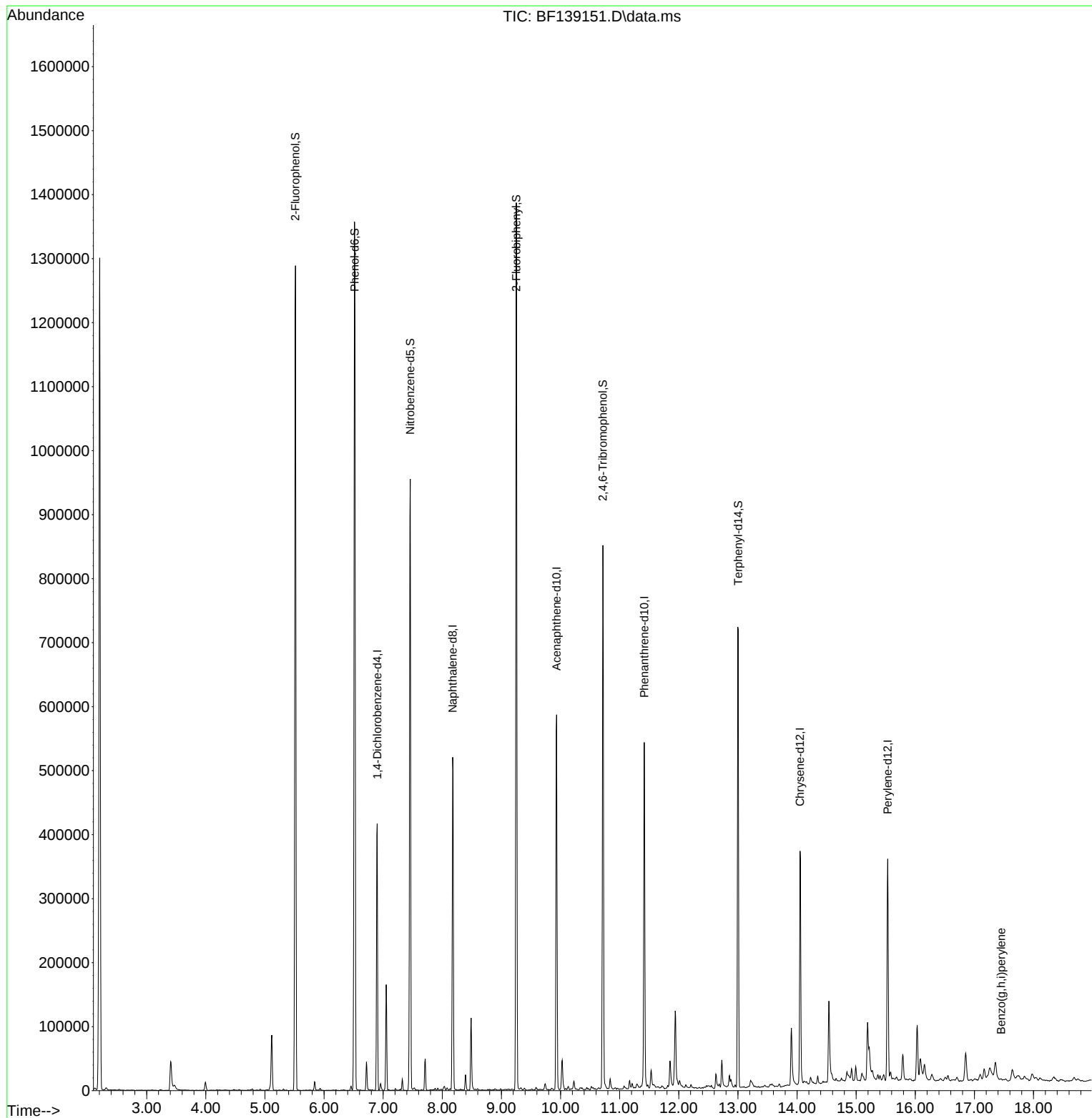
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	82547	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	309312	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	173273	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	267421	20.000	ng	0.00
76) Chrysene-d12	14.051	240	165708	20.000	ng	0.00
86) Perylene-d12	15.533	264	196434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	445555	83.043	ng	0.00
7) Phenol-d6	6.516	99	605532	87.344	ng	0.00
23) Nitrobenzene-d5	7.457	82	433564	81.677	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	128966	82.216	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	570962	52.281	ng	0.00
79) Terphenyl-d14	13.004	244	351863	35.233	ng	0.00
Target Compounds						
92) Benzo(g,h,i)perylene	17.451	276	2831	3.042	ng	Qvalue 96

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

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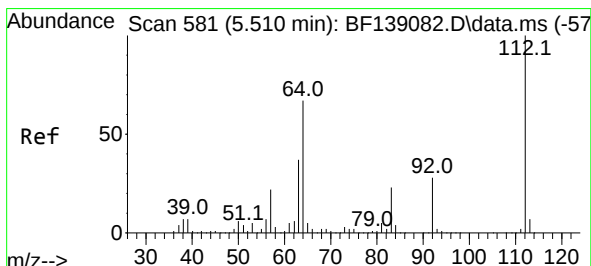
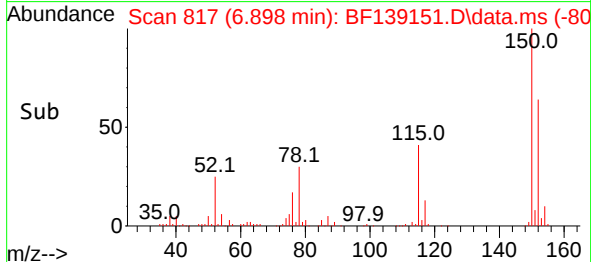
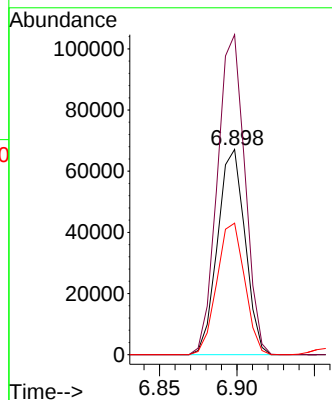
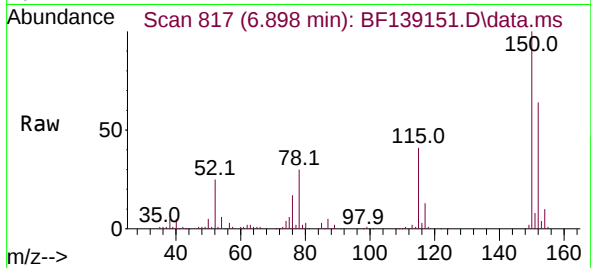




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139151.D
Acq: 23 Aug 2024 17:13

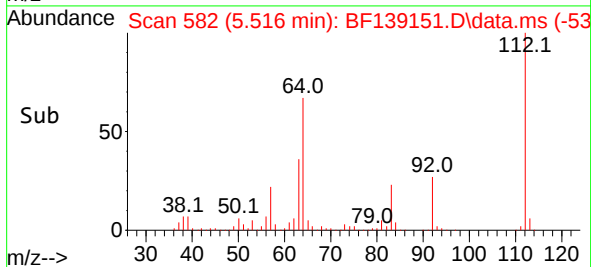
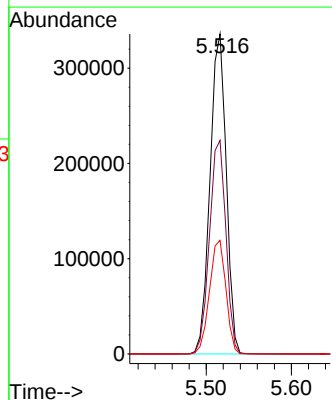
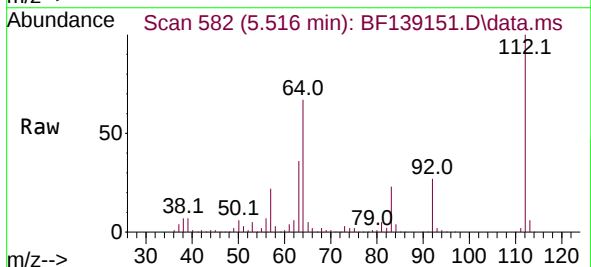
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024

Tgt Ion:152 Resp: 82547
Ion Ratio Lower Upper
152 100
150 155.9 125.1 187.7
115 64.1 51.8 77.6



#5
2-Fluorophenol
Concen: 83.043 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF139151.D
Acq: 23 Aug 2024 17:13

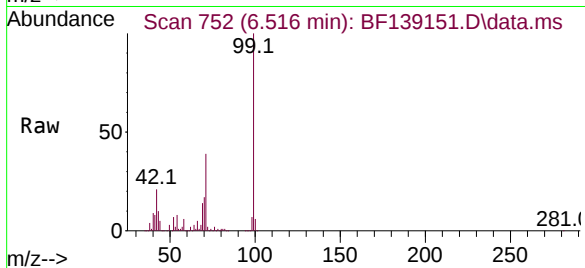
Tgt Ion:112 Resp: 445555
Ion Ratio Lower Upper
112 100
64 66.7 53.8 80.6
63 35.5 29.4 44.2



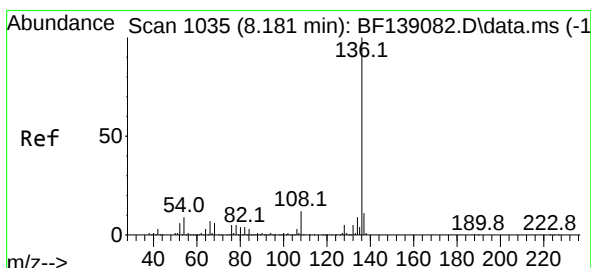
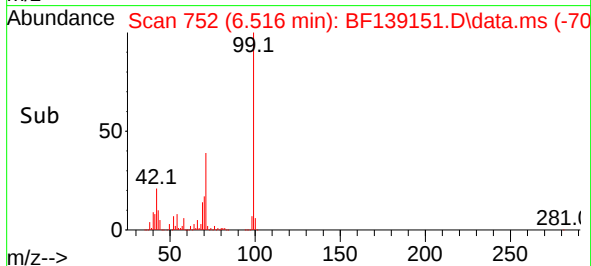
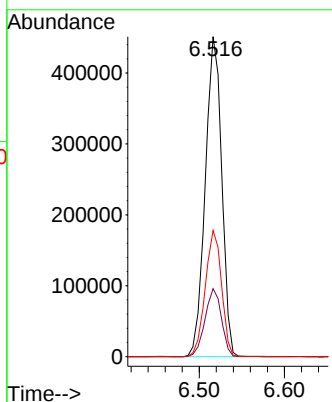


#7
Phenol-d6
Concen: 87.344 ng
RT: 6.516 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF139151.D
Acq: 23 Aug 2024 17:13

Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024

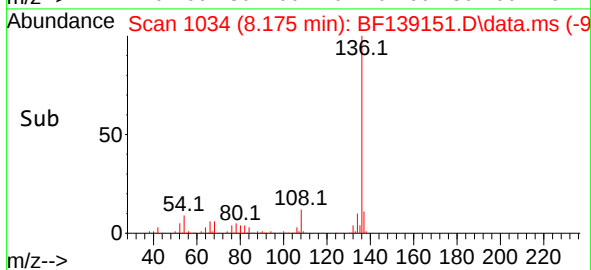
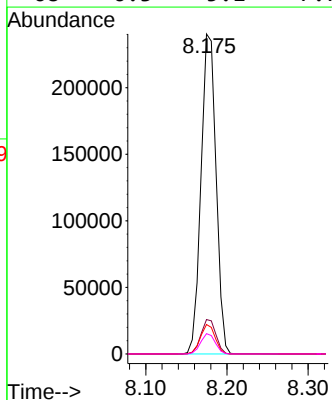
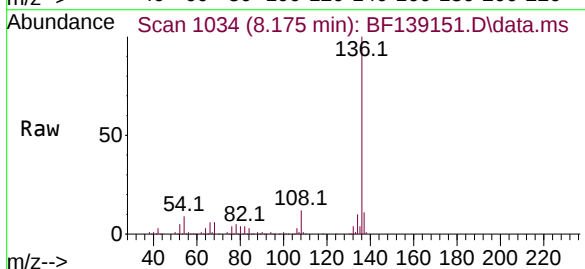


Tgt Ion: 99 Resp: 605532
Ion Ratio Lower Upper
99 100
42 21.2 17.4 26.2
71 39.4 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139151.D
Acq: 23 Aug 2024 17:13

Tgt Ion: 136 Resp: 309312
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.2 7.6 11.4
68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 81.677 ng

RT: 7.457 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139151.D

Acq: 23 Aug 2024 17:13

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024

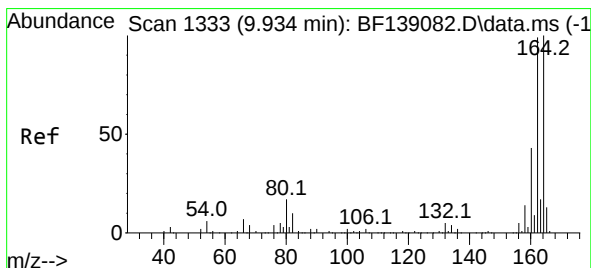
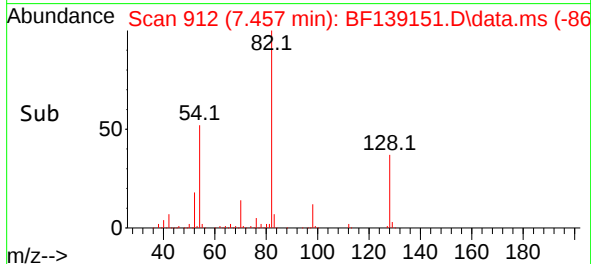
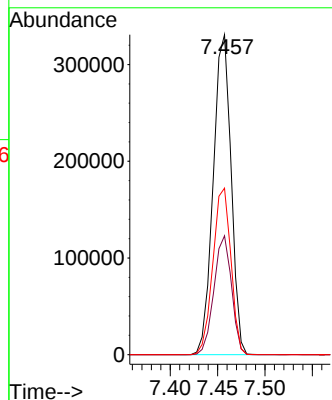
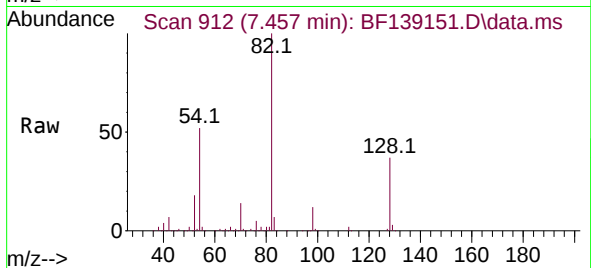
Tgt Ion: 82 Resp: 433564

Ion Ratio Lower Upper

82 100

128 37.2 29.0 43.4

54 52.1 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1333

Delta R.T. -0.000 min

Lab File: BF139151.D

Acq: 23 Aug 2024 17:13

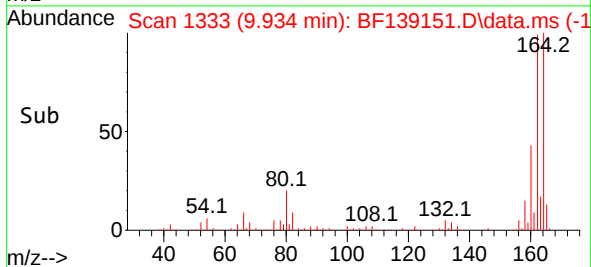
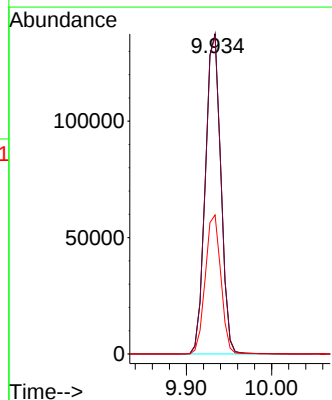
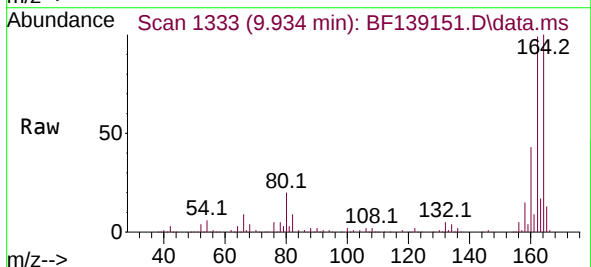
Tgt Ion: 164 Resp: 173273

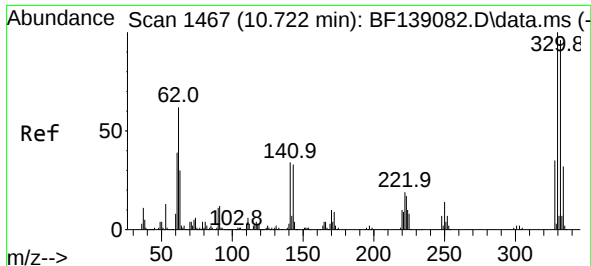
Ion Ratio Lower Upper

164 100

162 99.5 79.5 119.3

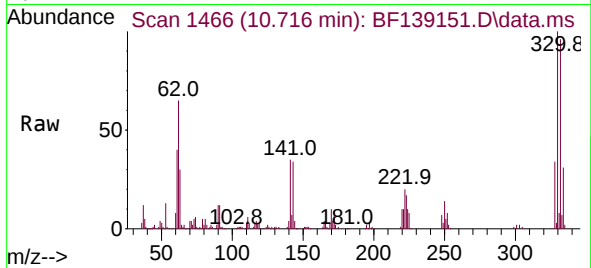
160 43.4 34.5 51.7



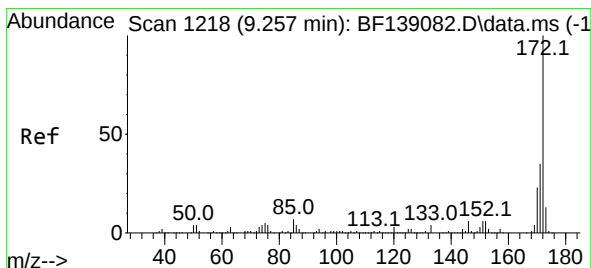
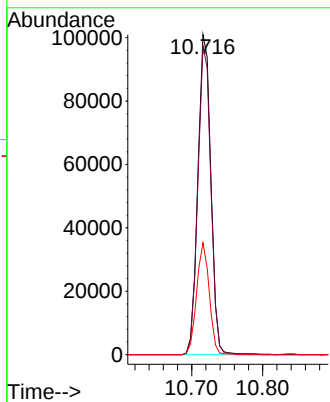
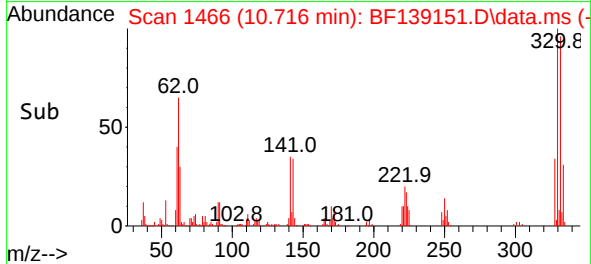


#42
2,4,6-Tribromophenol
Concen: 82.216 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139151.D
Acq: 23 Aug 2024 17:13

Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024

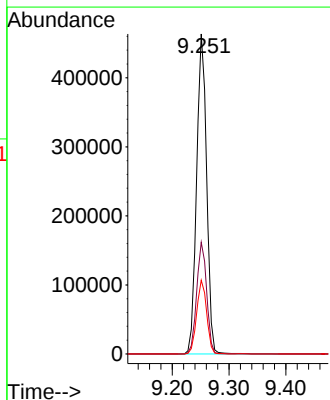
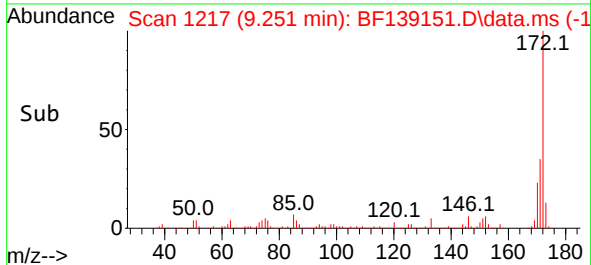
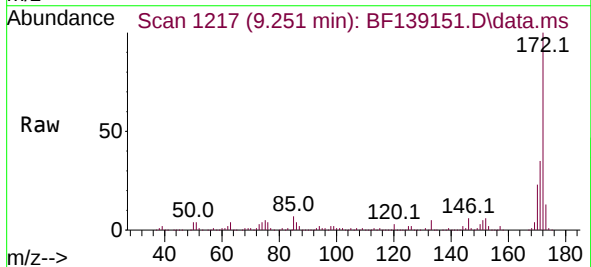


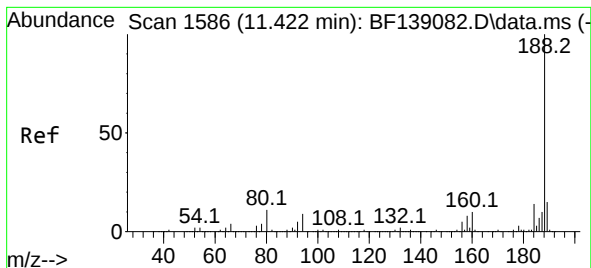
Tgt Ion:330 Resp: 128966
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 33.9 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 52.281 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF139151.D
Acq: 23 Aug 2024 17:13

Tgt Ion:172 Resp: 570962
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.0 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139151.D

Acq: 23 Aug 2024 17:13

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024

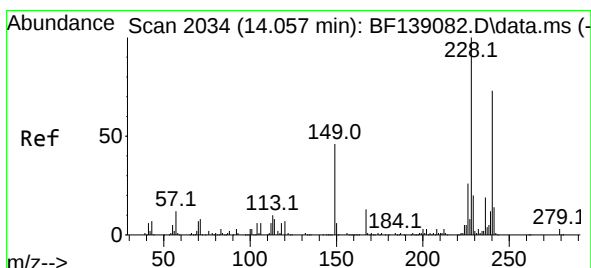
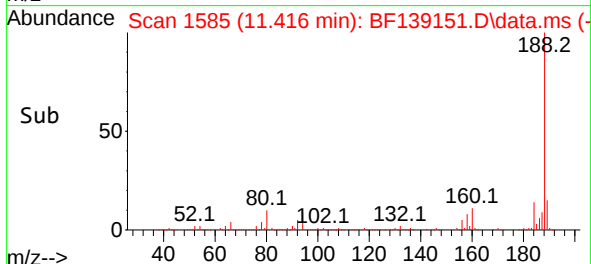
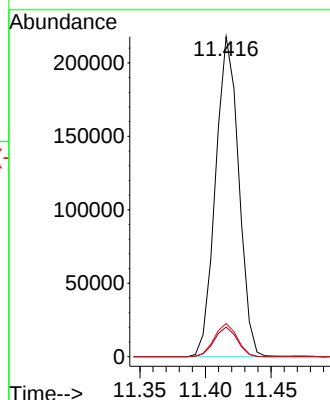
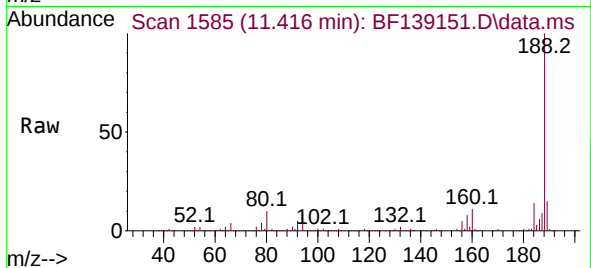
Tgt Ion:188 Resp: 267421

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 10.3 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: BF139151.D

Acq: 23 Aug 2024 17:13

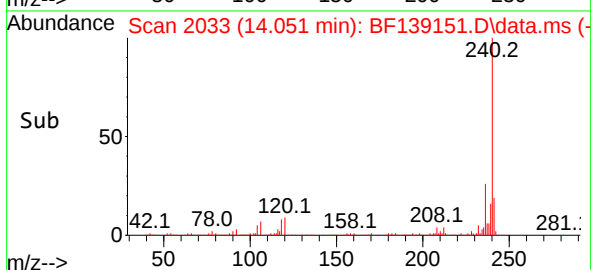
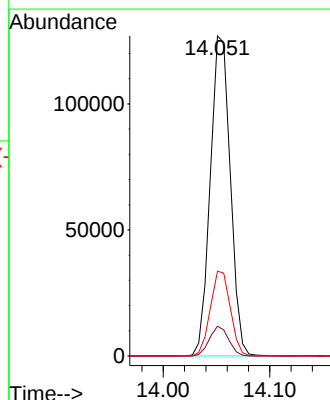
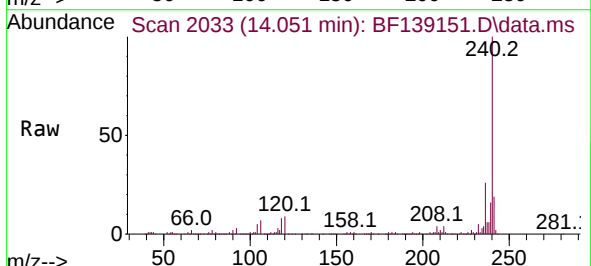
Tgt Ion:240 Resp: 165708

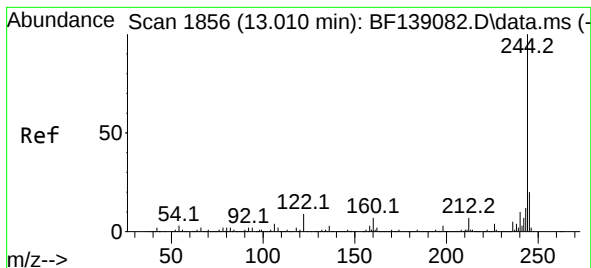
Ion Ratio Lower Upper

240 100

120 9.3 7.8 11.6

236 26.5 20.9 31.3





#79

Terphenyl-d14

Concen: 35.233 ng

RT: 13.004 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BF139151.D

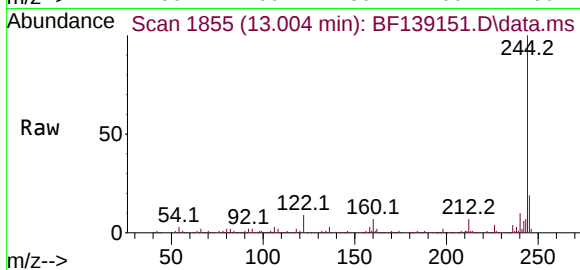
Acq: 23 Aug 2024 17:13

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024



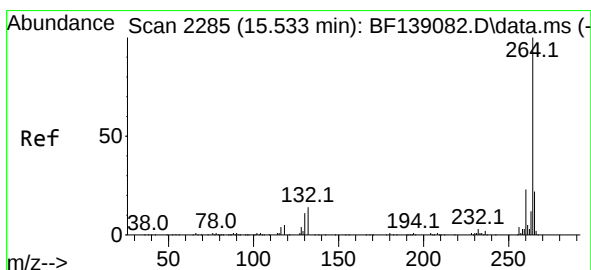
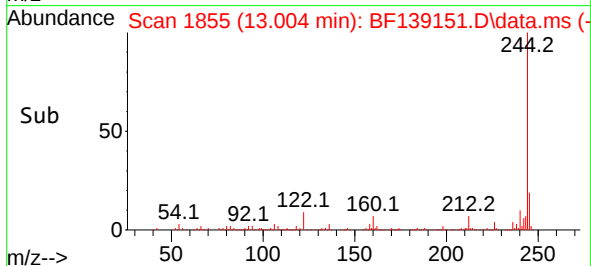
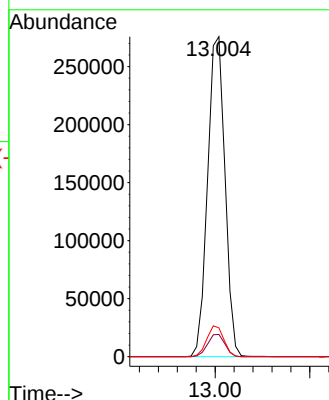
Tgt Ion:244 Resp: 351863

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.0 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.000 min

Lab File: BF139151.D

Acq: 23 Aug 2024 17:13

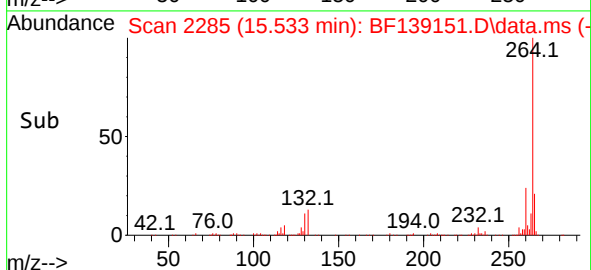
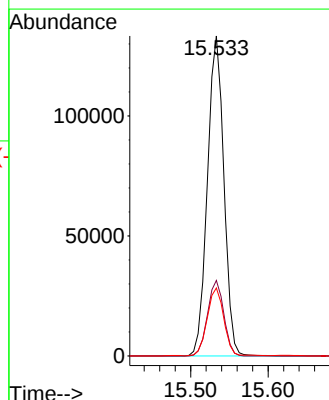
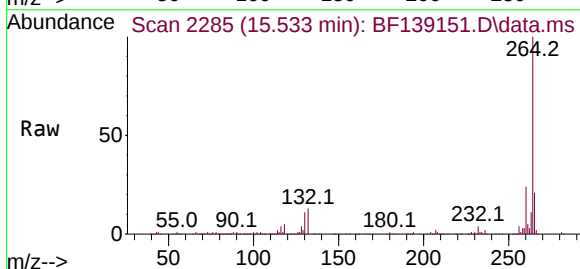
Tgt Ion:264 Resp: 196434

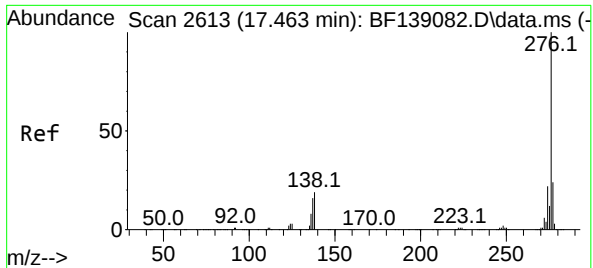
Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.3 17.4 26.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.042 ng
 RT: 17.451 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF139151.D
 Acq: 23 Aug 2024 17:13

Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024

Tgt Ion:	276	Resp:	2831
Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	21.8	15.0	22.4

