

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139148.D
 Acq On : 23 Aug 2024 15:42
 Operator : RC/JU
 Sample : P3694-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Kingsland-Driveway

Quant Time: Aug 23 16:16:44 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	83698	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	308070	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	174522	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	294619	20.000	ng	0.00
76) Chrysene-d12	14.057	240	160467	20.000	ng	0.00
86) Perylene-d12	15.533	264	171127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	595132	109.396	ng	0.01
7) Phenol-d6	6.522	99	737718	104.948	ng	0.00
23) Nitrobenzene-d5	7.457	82	569806	107.776	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	253400	160.387	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	955467	86.863	ng	0.00
79) Terphenyl-d14	13.010	244	1043041	107.855	ng	0.00

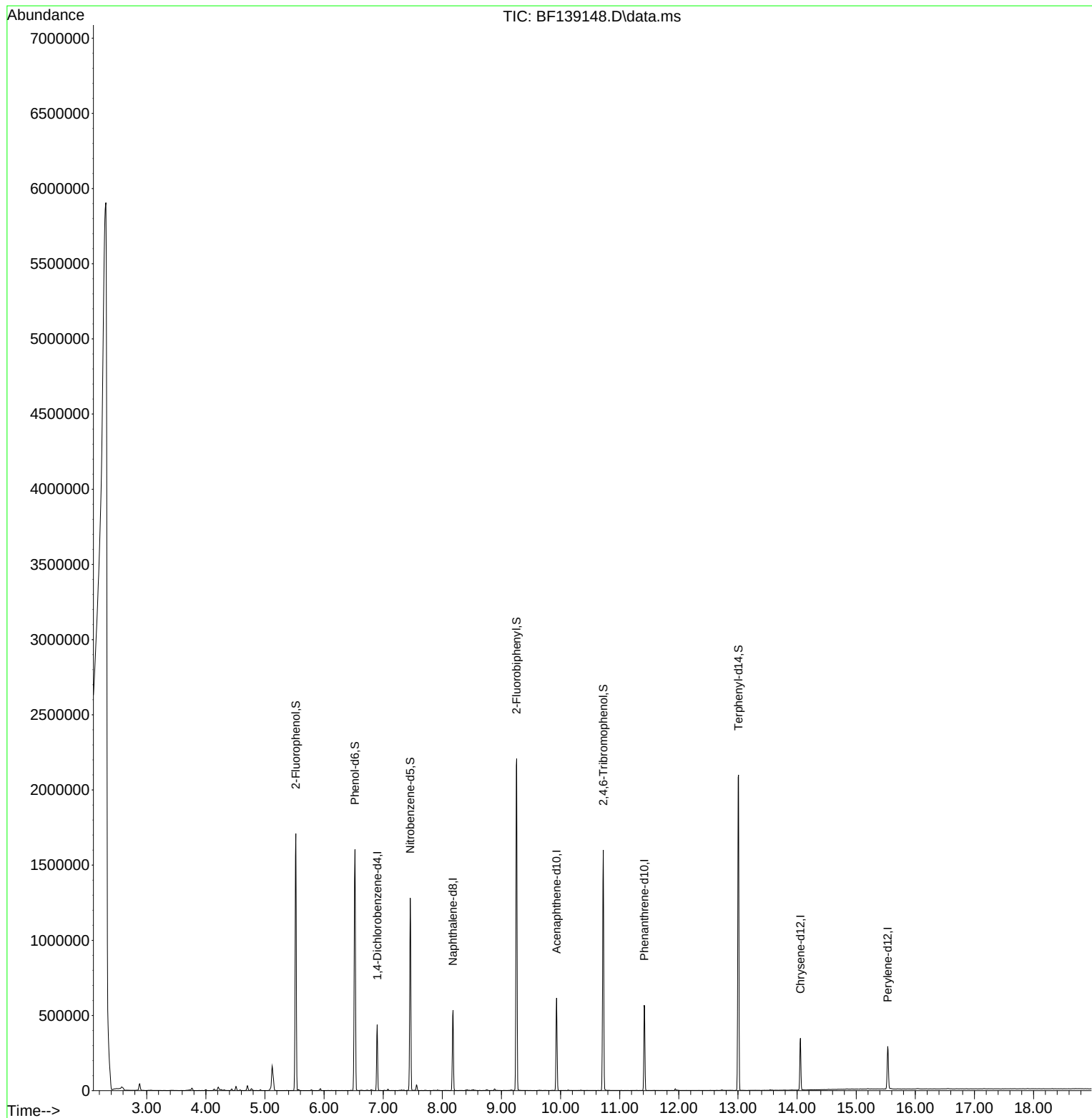
Target Compounds	Qvalue

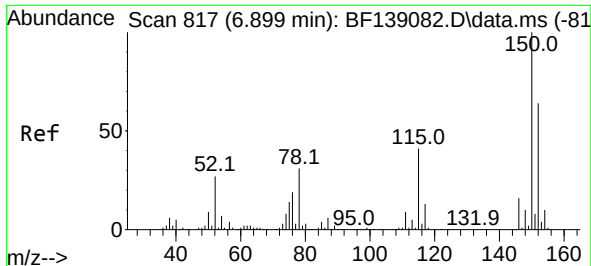
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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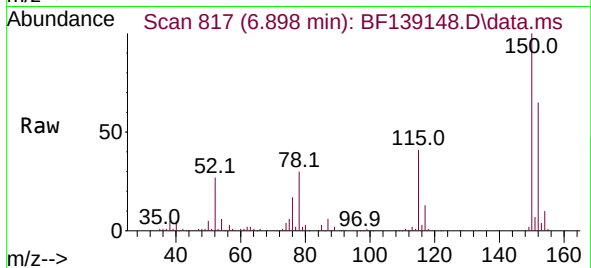
Quant Time: Aug 23 16:16:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
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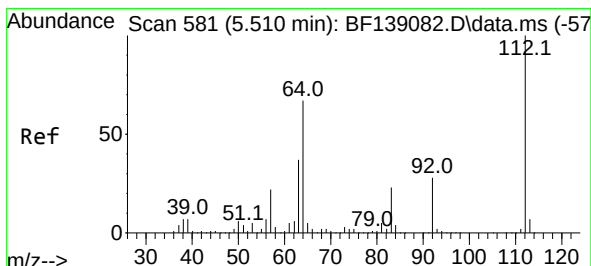
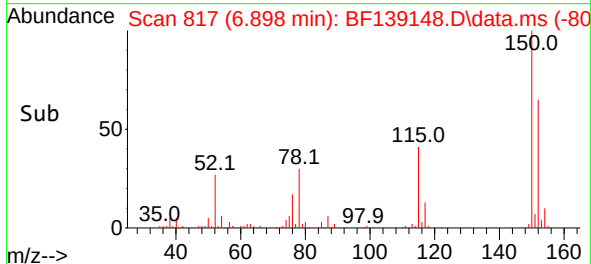
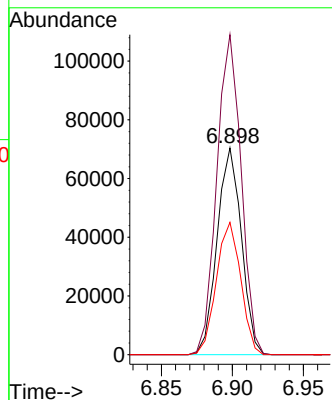


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

Instrument :
BNA_F
ClientSampleId :
Kingsland-Driveway

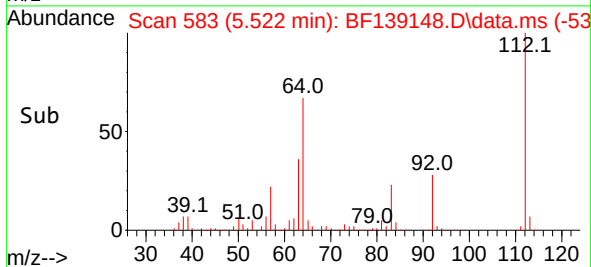
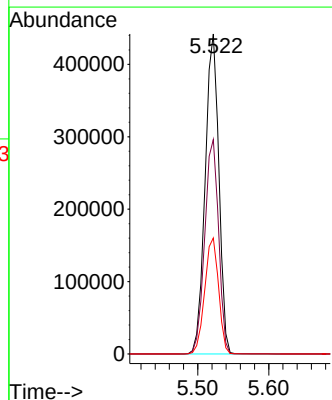
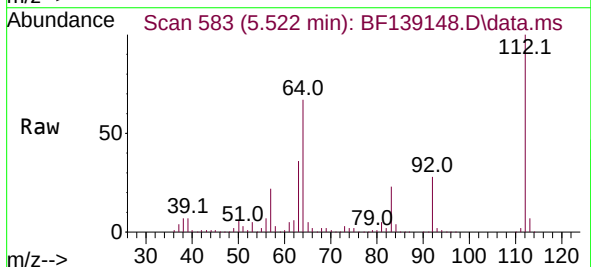


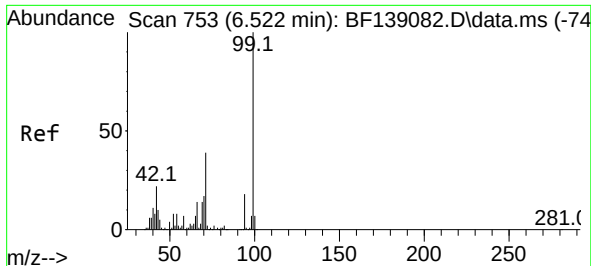
Tgt Ion:152 Resp: 83698
Ion Ratio Lower Upper
152 100
150 154.8 125.1 187.7
115 64.0 51.8 77.6



#5
2-Fluorophenol
Concen: 109.396 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

Tgt Ion:112 Resp: 595132
Ion Ratio Lower Upper
112 100
64 67.0 53.8 80.6
63 36.3 29.4 44.2

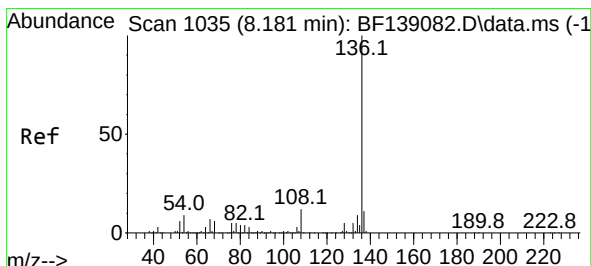
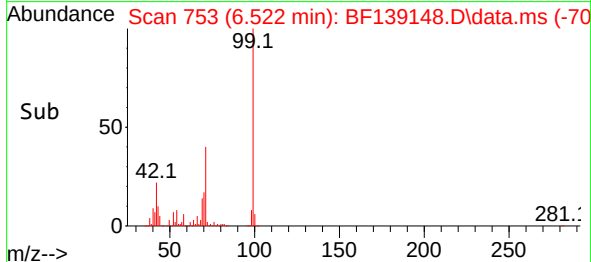
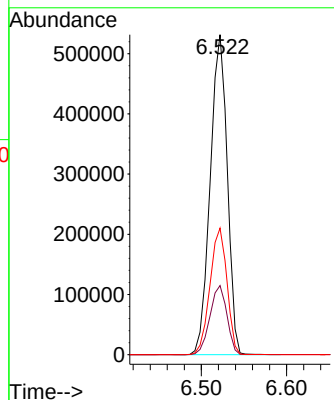
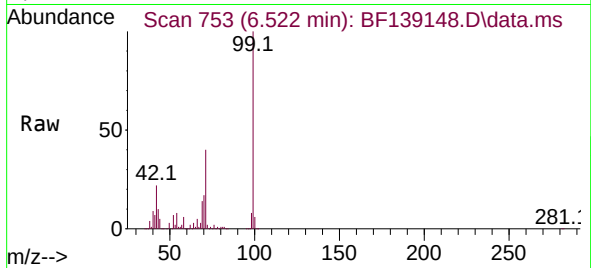




#7
Phenol-d6
Concen: 104.948 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

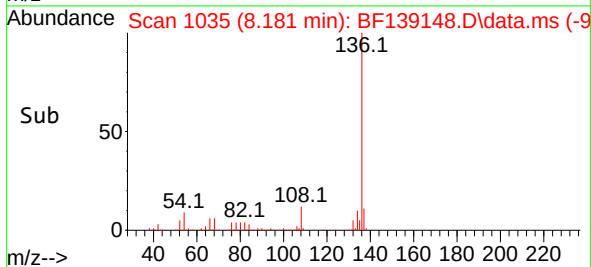
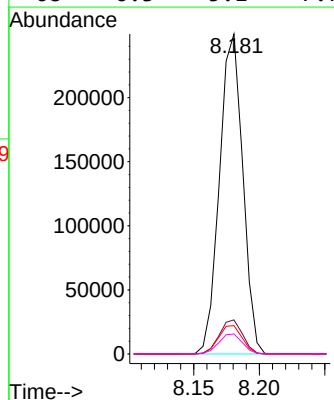
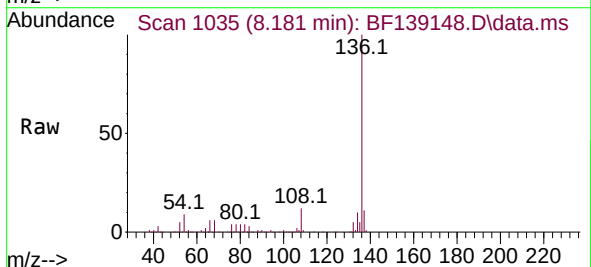
Instrument :
BNA_F
ClientSampleId :
Kingsland-Driveway

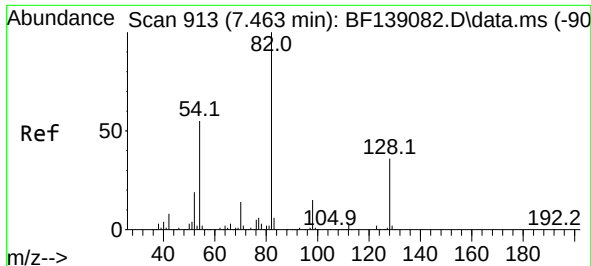
Tgt Ion:	99	Resp:	737718
Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.4	26.2
71	39.6	31.2	46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139148.D
Acq: 23 Aug 2024 15:42

Tgt Ion:	136	Resp:	308070
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.8	7.6	11.4
68	6.3	5.1	7.7





#23

Nitrobenzene-d5

Concen: 107.776 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF139148.D

Acq: 23 Aug 2024 15:42

Instrument :

BNA_F

ClientSampleId :

Kingsland-Driveway

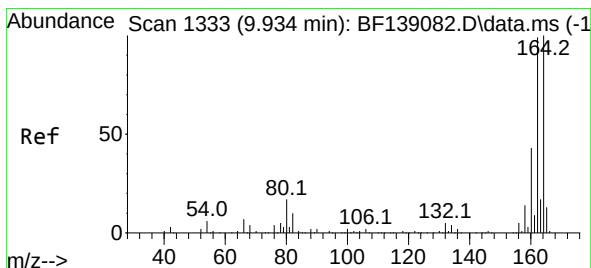
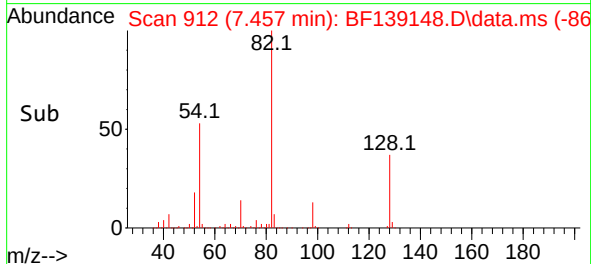
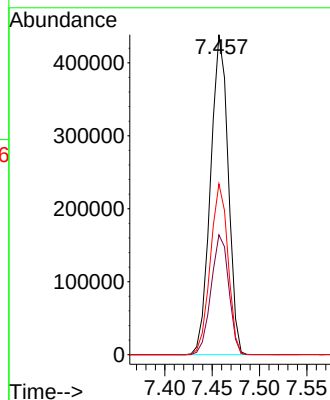
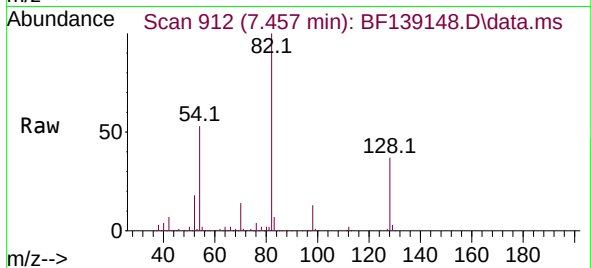
Tgt Ion: 82 Resp: 569806

Ion Ratio Lower Upper

82 100

128 37.4 29.0 43.4

54 53.4 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1333

Delta R.T. -0.001 min

Lab File: BF139148.D

Acq: 23 Aug 2024 15:42

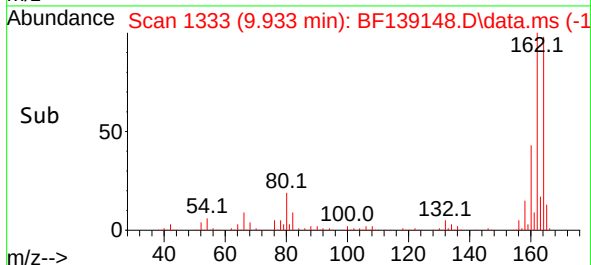
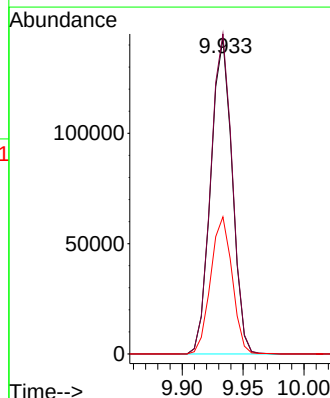
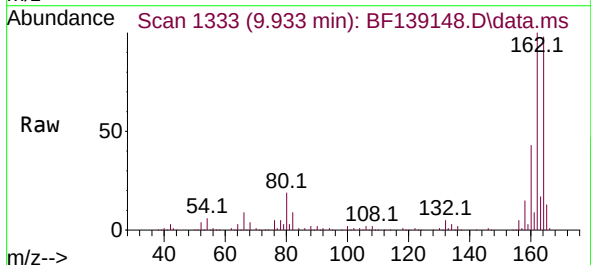
Tgt Ion:164 Resp: 174522

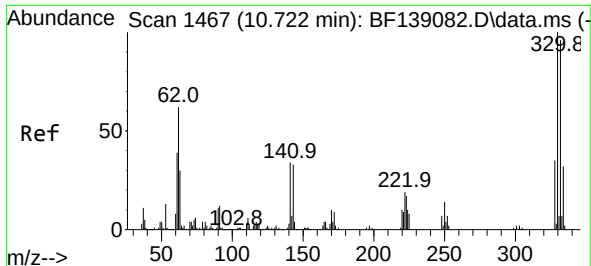
Ion Ratio Lower Upper

164 100

162 101.5 79.5 119.3

160 43.5 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 160.387 ng

RT: 10.722 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF139148.D

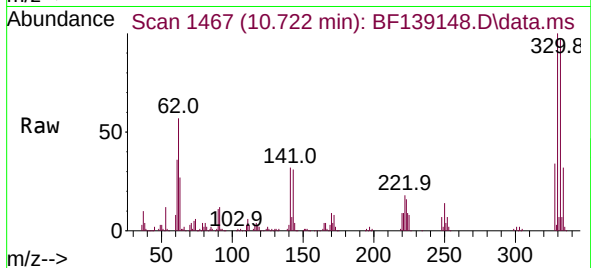
Acq: 23 Aug 2024 15:42

Instrument :

BNA_F

ClientSampleId :

Kingsland-Driveway



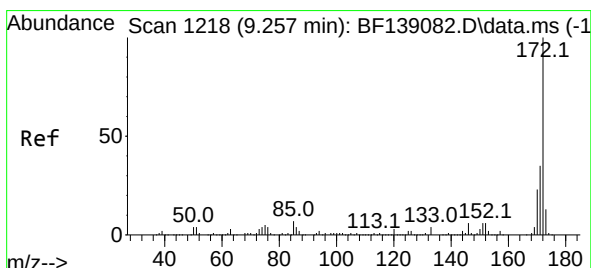
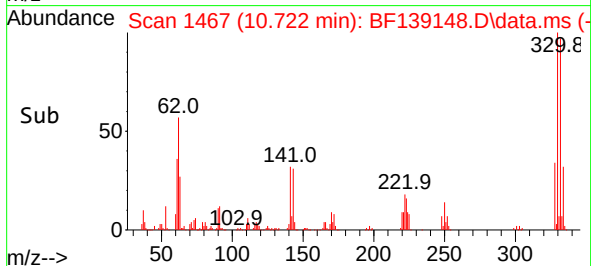
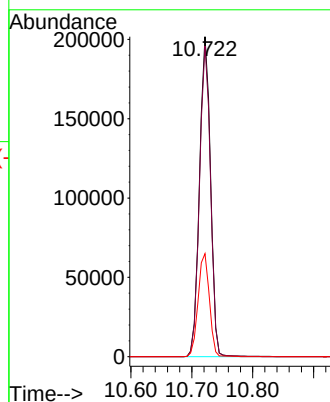
Tgt Ion:330 Resp: 253400

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

141 32.9 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 86.863 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF139148.D

Acq: 23 Aug 2024 15:42

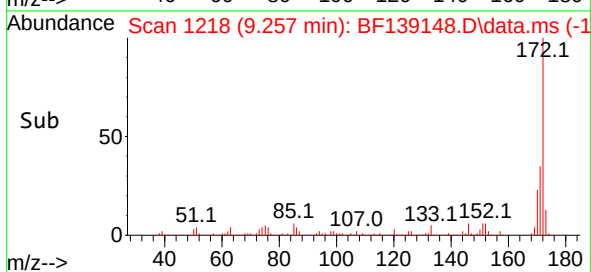
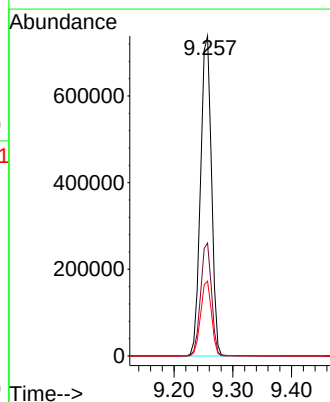
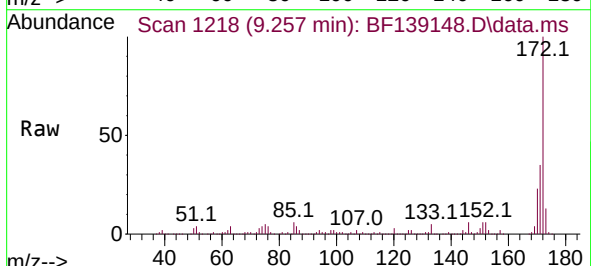
Tgt Ion:172 Resp: 955467

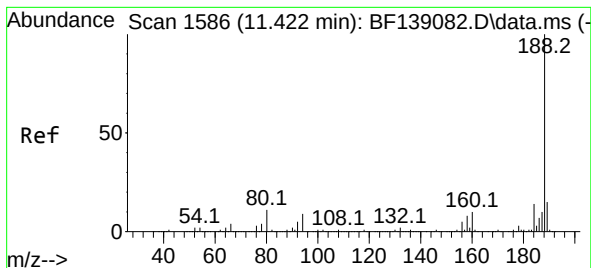
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 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: BF139148.D

Acq: 23 Aug 2024 15:42

Instrument :

BNA_F

ClientSampleId :

Kingsland-Driveway

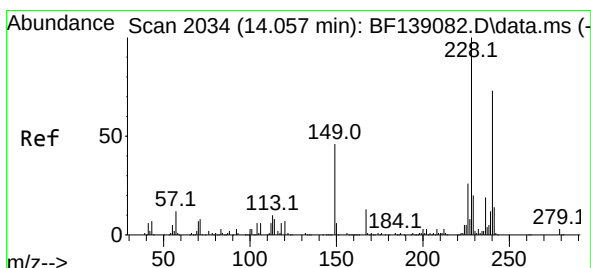
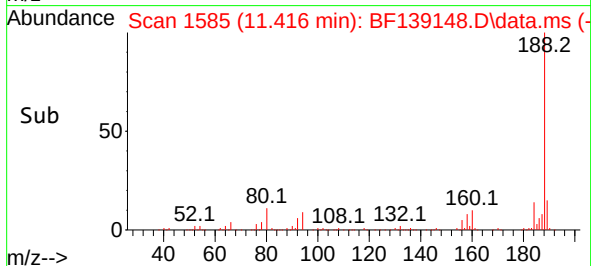
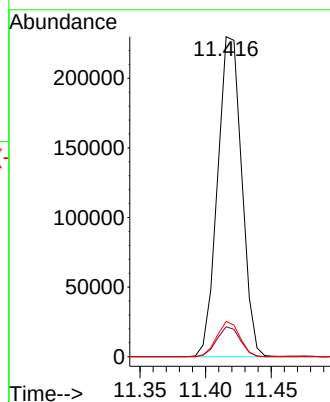
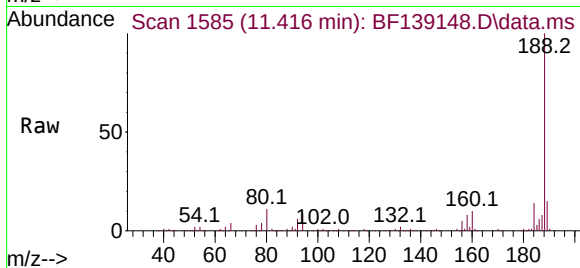
Tgt Ion:188 Resp: 294619

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 11.0 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF139148.D

Acq: 23 Aug 2024 15:42

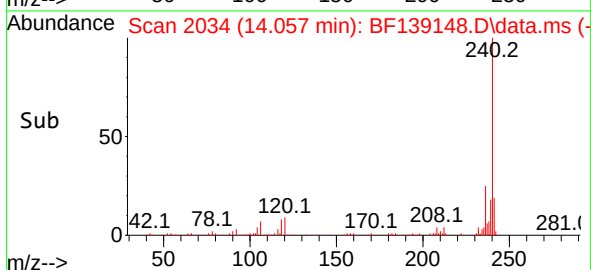
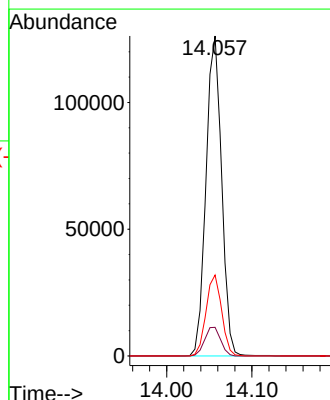
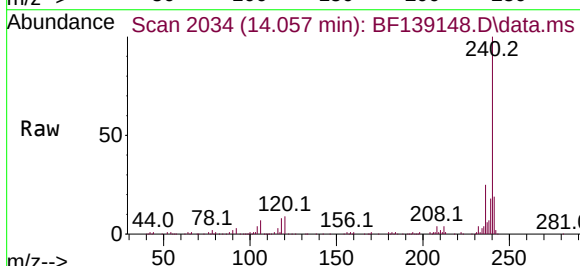
Tgt Ion:240 Resp: 160467

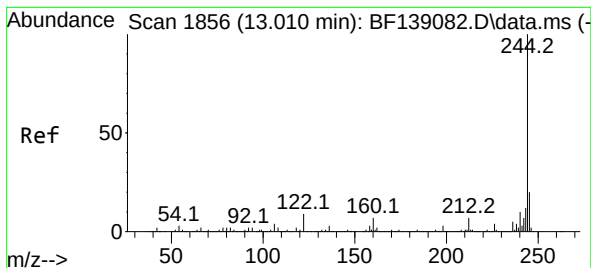
Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.6

236 25.3 20.9 31.3





#79

Terphenyl-d14

Concen: 107.855 ng

RT: 13.010 min Scan# 1856

Delta R.T. -0.000 min

Lab File: BF139148.D

Acq: 23 Aug 2024 15:42

Instrument :

BNA_F

ClientSampleId :

Kingsland-Driveway

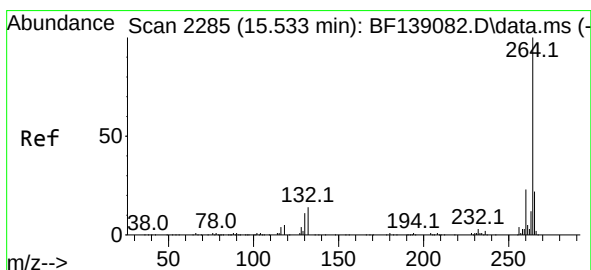
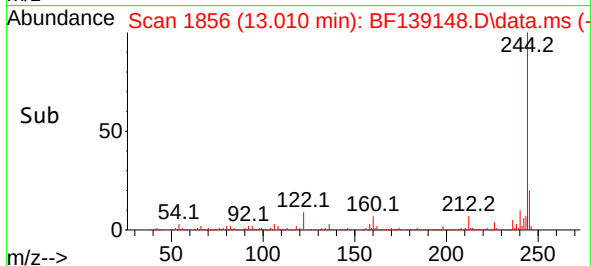
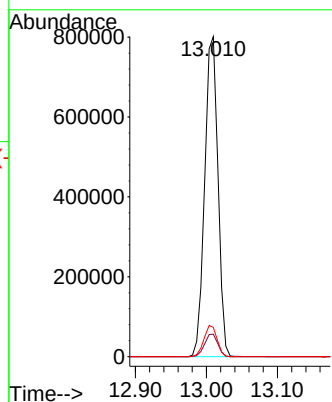
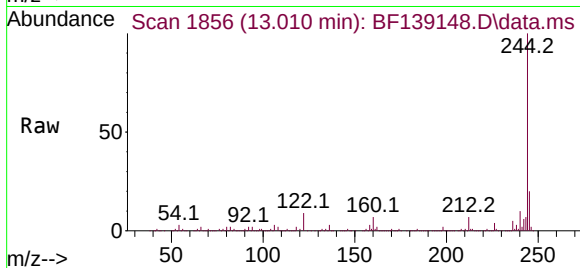
Tgt Ion:244 Resp: 1043041

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.2 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: BF139148.D

Acq: 23 Aug 2024 15:42

Tgt Ion:264 Resp: 171127

Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 20.2 17.4 26.2

