

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139101.D
 Acq On : 21 Aug 2024 14:51
 Operator : RC/JU
 Sample : P3357-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-857-J-SO-4-4.5-072024

Quant Time: Aug 21 15:16:22 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	91413	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	348904	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	195605	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	297079	20.000	ng	0.00
76) Chrysene-d12	14.051	240	162195	20.000	ng	0.00
86) Perylene-d12	15.533	264	200601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	466764	78.558	ng	0.00
7) Phenol-d6	6.516	99	623418	81.202	ng	0.00
23) Nitrobenzene-d5	7.457	82	404440	67.545	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	146953	82.987	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	715983	58.075	ng	0.00
79) Terphenyl-d14	13.004	244	520586	53.257	ng	0.00

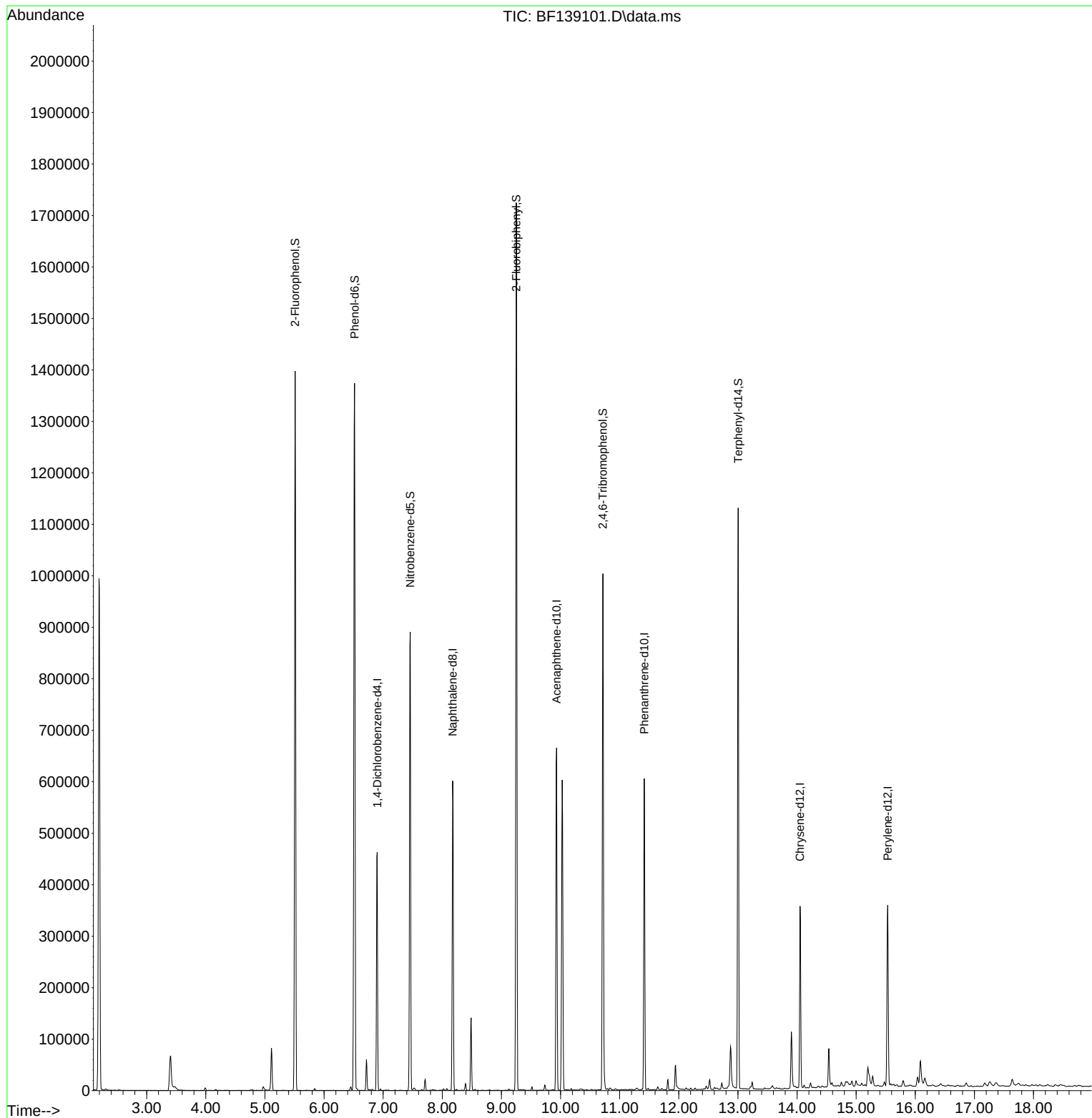
Target Compounds	Qvalue

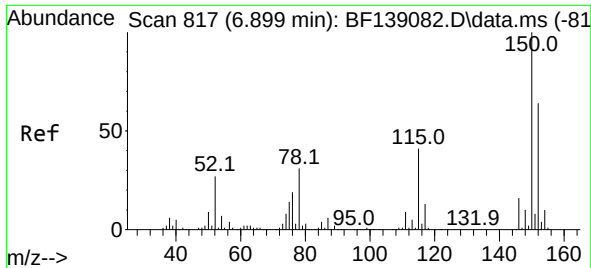
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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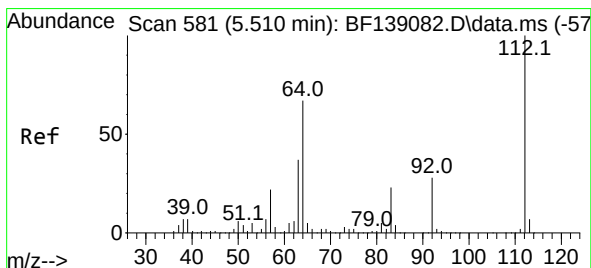
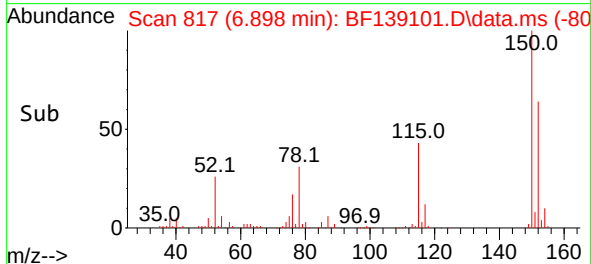
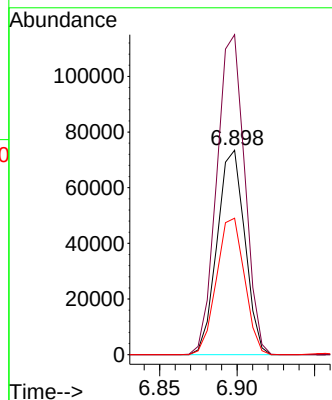
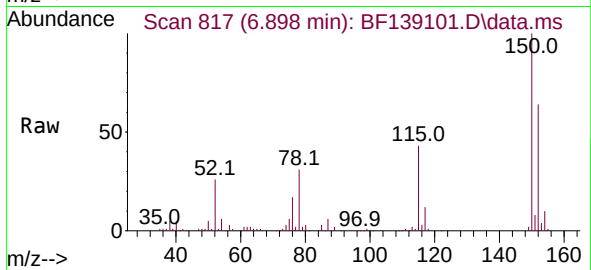




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF139101.D
Acq: 21 Aug 2024 14:51

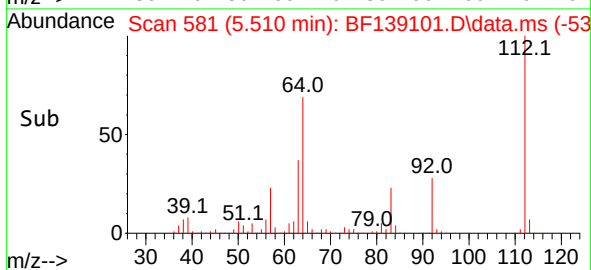
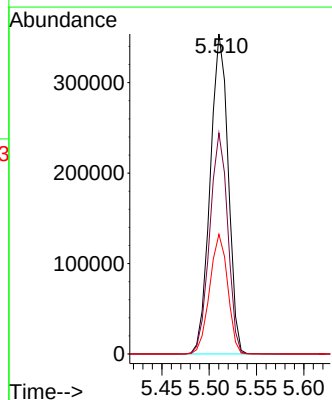
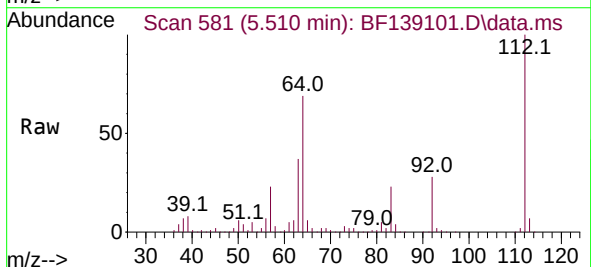
Instrument :
BNA_F
ClientSampleId :
S-857-J-SO-4-4.5-072024

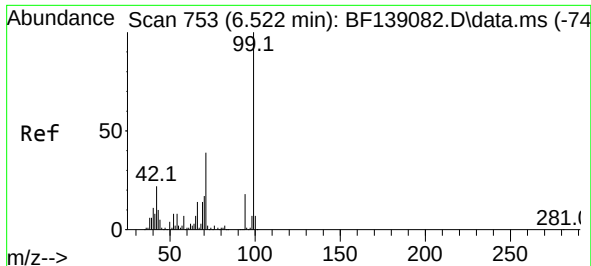
Tgt Ion:152 Resp: 91413
Ion Ratio Lower Upper
152 100
150 156.5 125.1 187.7
115 66.8 51.8 77.6



#5
2-Fluorophenol
Concen: 78.558 ng
RT: 5.510 min Scan# 581
Delta R.T. -0.000 min
Lab File: BF139101.D
Acq: 21 Aug 2024 14:51

Tgt Ion:112 Resp: 466764
Ion Ratio Lower Upper
112 100
64 69.1 53.8 80.6
63 37.4 29.4 44.2

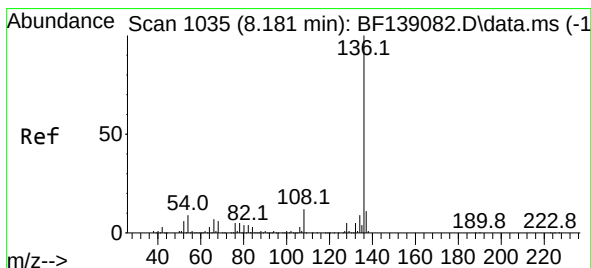
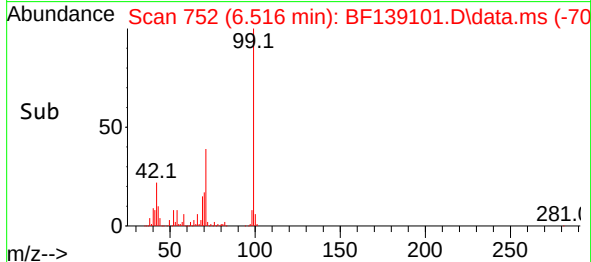
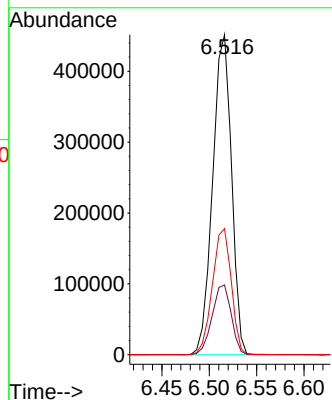
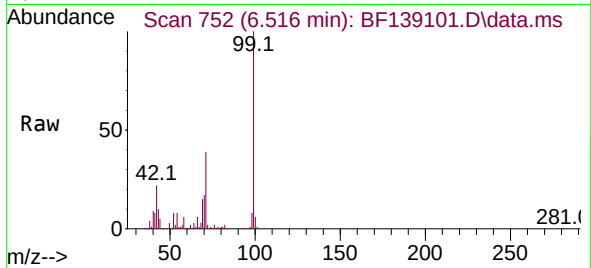




#7
Phenol-d6
Concen: 81.202 ng
RT: 6.516 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF139101.D
Acq: 21 Aug 2024 14:51

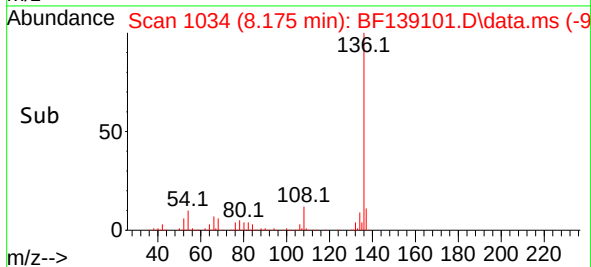
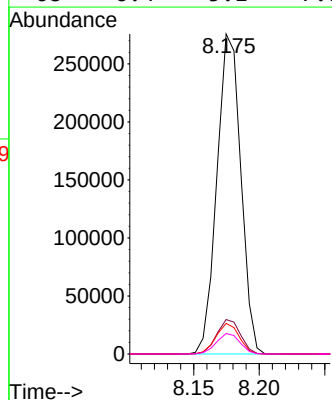
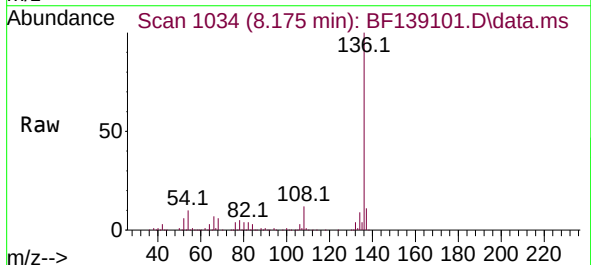
Instrument :
BNA_F
ClientSampleId :
S-857-J-SO-4-4.5-072024

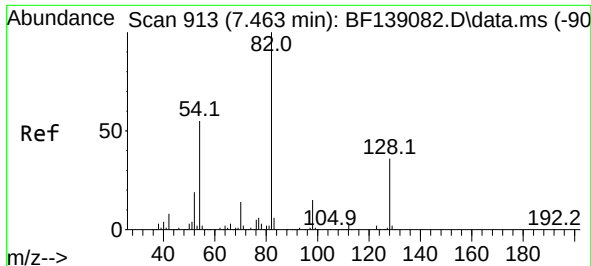
Tgt Ion: 99 Resp: 623418
Ion Ratio Lower Upper
99 100
42 21.8 17.4 26.2
71 39.4 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139101.D
Acq: 21 Aug 2024 14:51

Tgt Ion: 136 Resp: 348904
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.6 7.6 11.4
68 6.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 67.545 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF139101.D

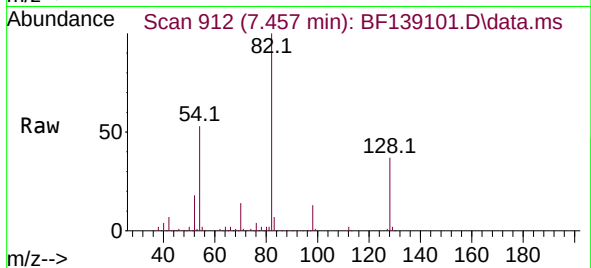
Acq: 21 Aug 2024 14:51

Instrument :

BNA_F

ClientSampleId :

S-857-J-SO-4-4.5-072024



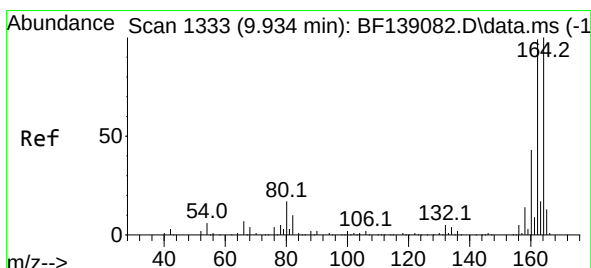
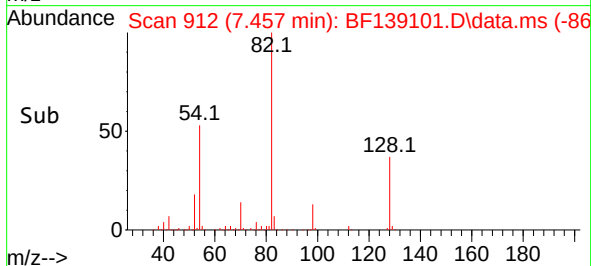
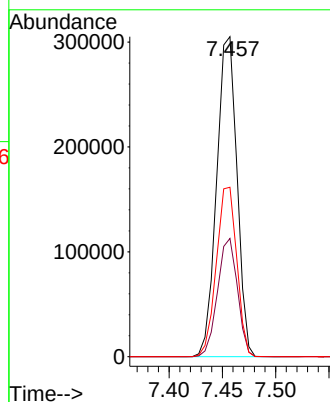
Tgt Ion: 82 Resp: 404440

Ion Ratio Lower Upper

82 100

128 36.9 29.0 43.4

54 52.9 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: BF139101.D

Acq: 21 Aug 2024 14:51

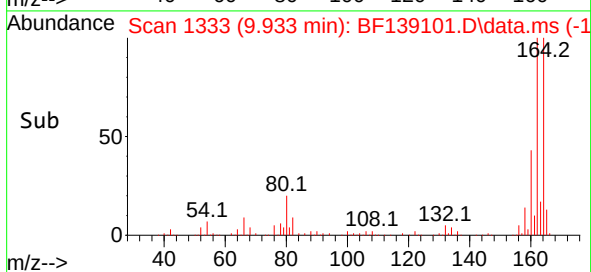
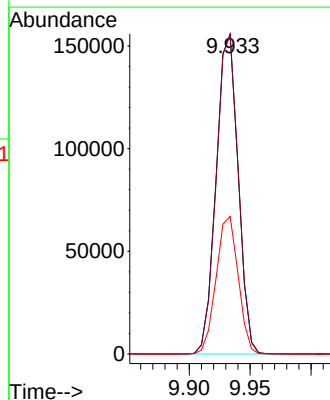
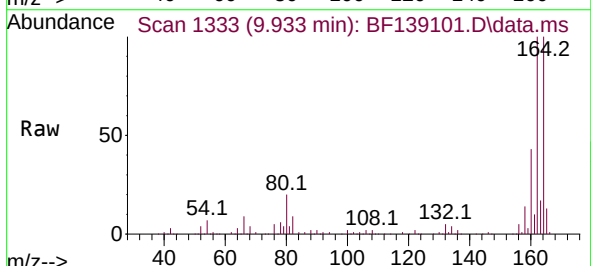
Tgt Ion: 164 Resp: 195605

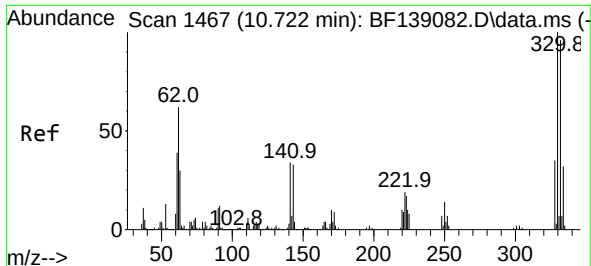
Ion Ratio Lower Upper

164 100

162 100.2 79.5 119.3

160 43.1 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 82.987 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139101.D

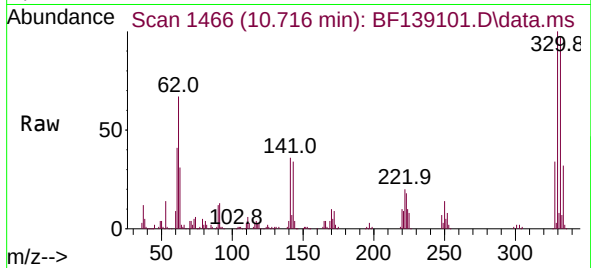
Acq: 21 Aug 2024 14:51

Instrument :

BNA_F

ClientSampleId :

S-857-J-SO-4-4.5-072024



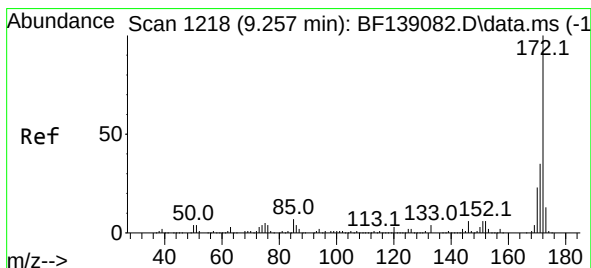
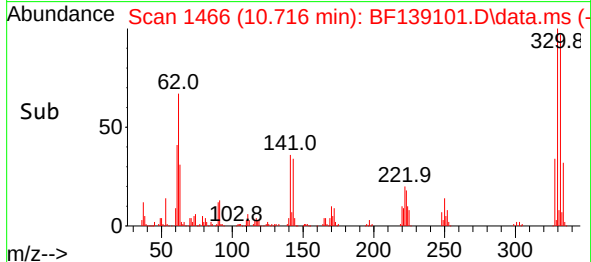
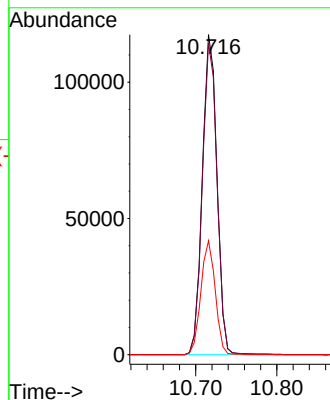
Tgt Ion:330 Resp: 146953

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

141 34.9 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 58.075 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF139101.D

Acq: 21 Aug 2024 14:51

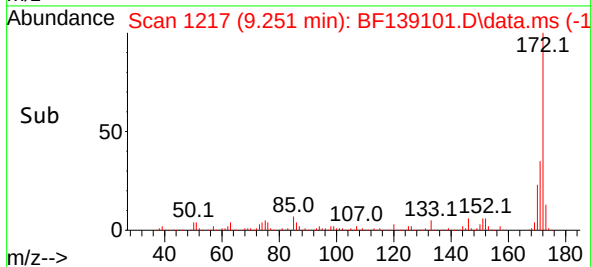
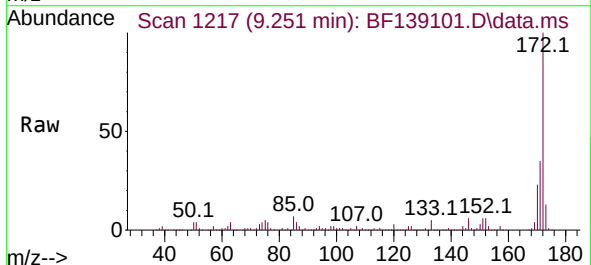
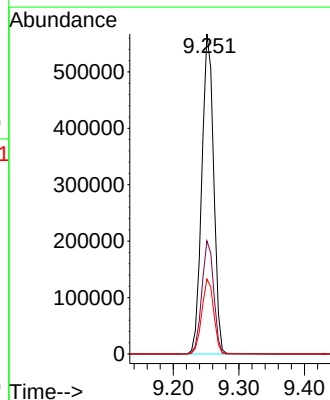
Tgt Ion:172 Resp: 715983

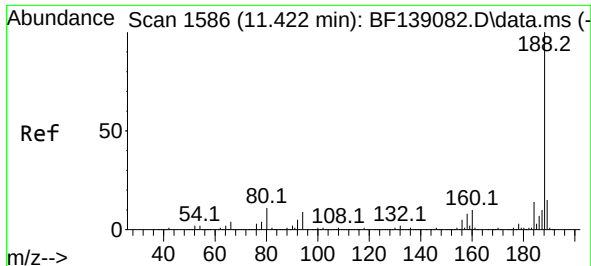
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 18.8 28.2

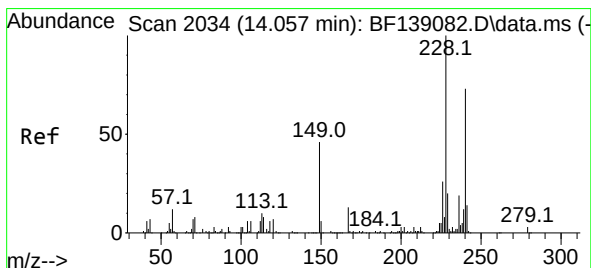
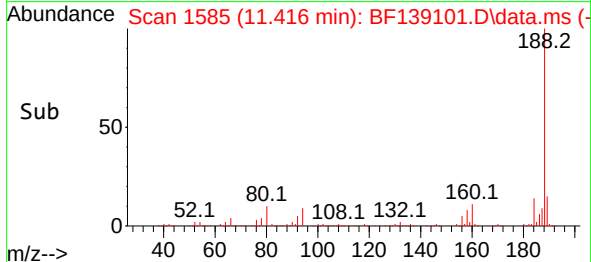
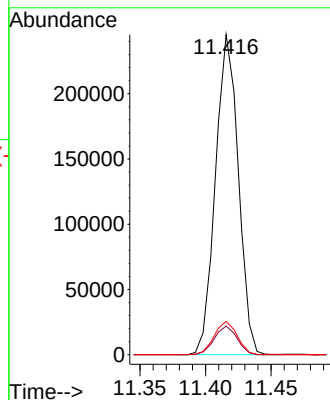
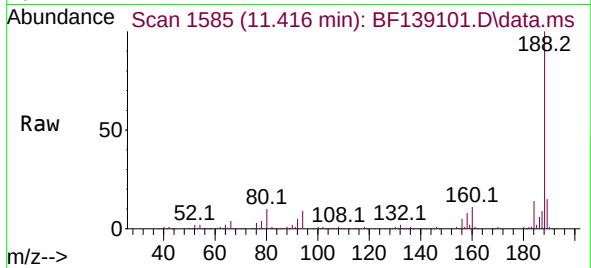




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139101.D
Acq: 21 Aug 2024 14:51

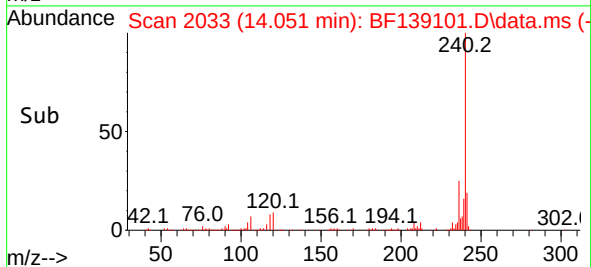
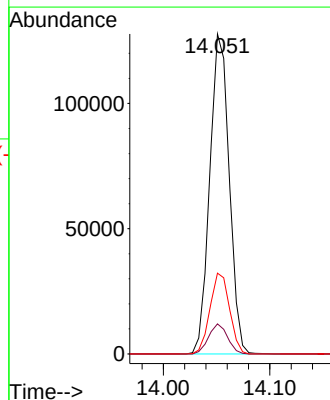
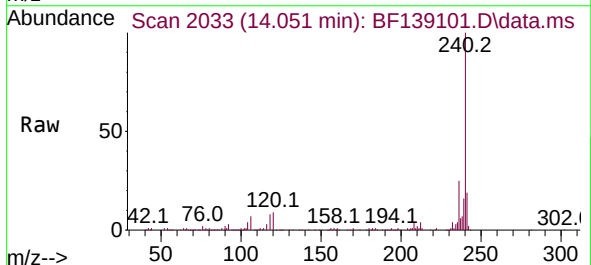
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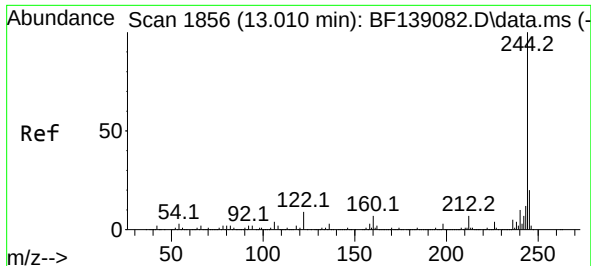
Tgt Ion:188 Resp: 297079
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 10.4 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF139101.D
Acq: 21 Aug 2024 14:51

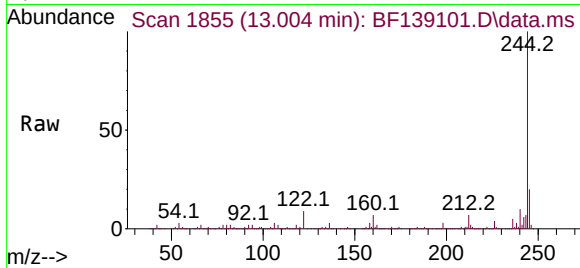
Tgt Ion:240 Resp: 162195
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 25.2 20.9 31.3



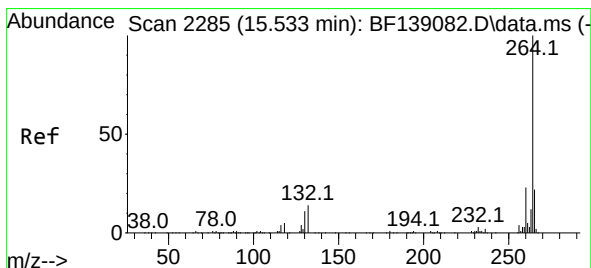
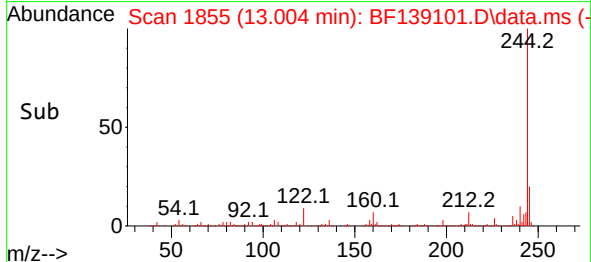
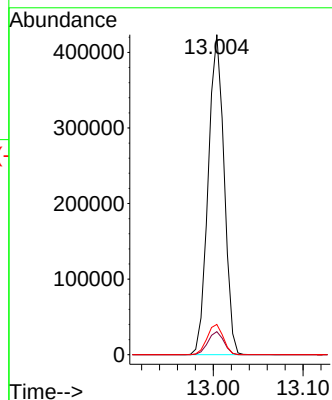


#79
Terphenyl-d14
Concen: 53.257 ng
RT: 13.004 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BF139101.D
Acq: 21 Aug 2024 14:51

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 520586
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.4 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: BF139101.D
Acq: 21 Aug 2024 14:51

Tgt Ion:264 Resp: 200601
Ion Ratio Lower Upper
264 100
260 24.4 18.6 27.8
265 21.5 17.4 26.2

