

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
 Data File : BF139817.D
 Acq On : 15 Oct 2024 17:33
 Operator : RC/JU
 Sample : P4395-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F05308-SOLID

Quant Time: Oct 15 17:56:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 16:41:54 2024
 Response via : Initial Calibration

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

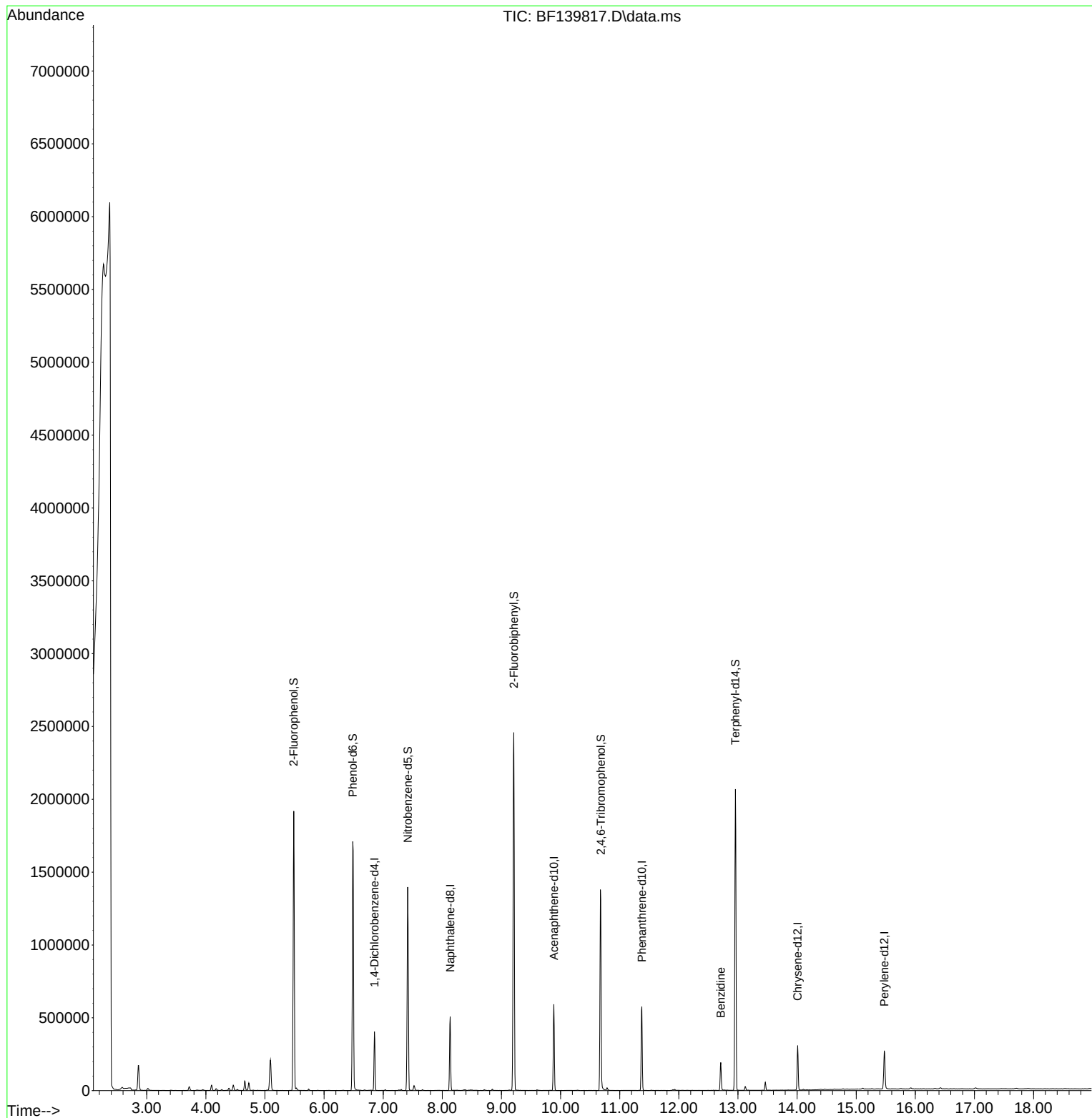
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	81166	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	309021	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	171844	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	312907	20.000	ng	0.00
76) Chrysene-d12	14.010	240	141777	20.000	ng	0.00
86) Perylene-d12	15.474	264	155453	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	673898	140.090	ng	0.01
7) Phenol-d6	6.487	99	821578	128.422	ng	0.00
23) Nitrobenzene-d5	7.416	82	630360	104.992	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	230445	159.004	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1133268	98.637	ng	0.00
79) Terphenyl-d14	12.957	244	1002338	191.257	ng	0.00
Target Compounds						
77) Benzidine	12.710	184	109004	46.026	ng	Qvalue 98

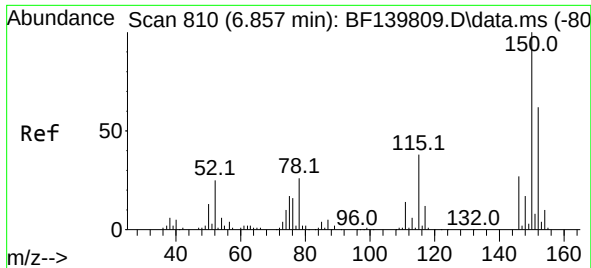
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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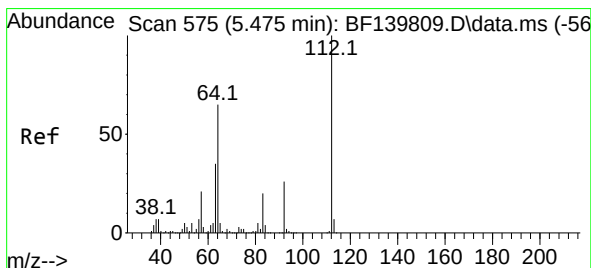
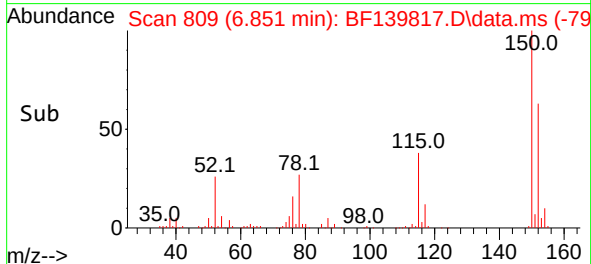
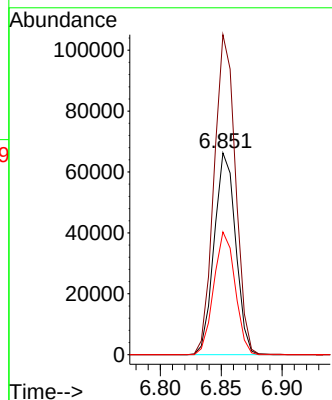
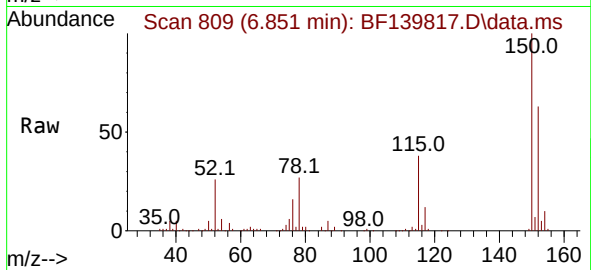




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 810
 Delta R.T. -0.006 min
 Lab File: BF139817.D
 Acq: 15 Oct 2024 17:33

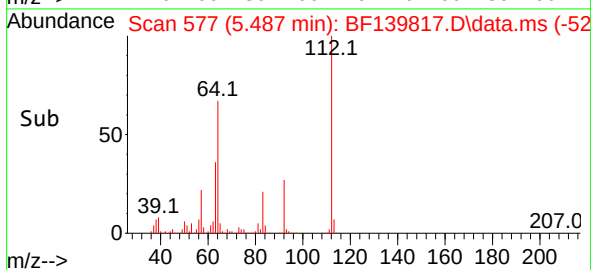
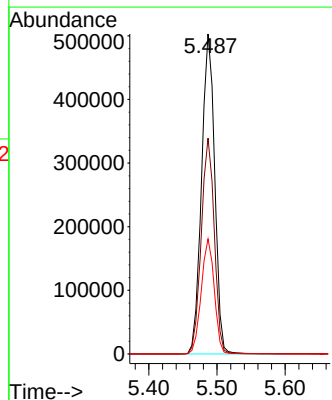
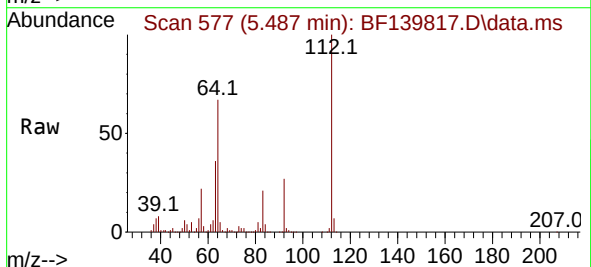
Instrument :
 BNA_F
 ClientSampleId :
 F05308-SOLID

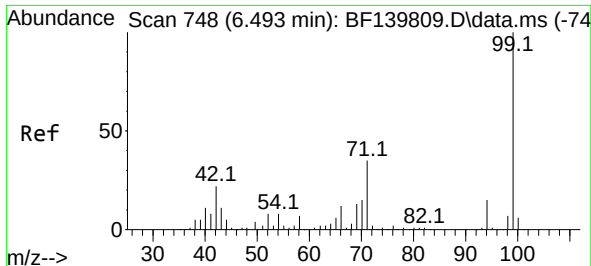
Tgt Ion:152 Resp: 81166
 Ion Ratio Lower Upper
 152 100
 150 158.5 128.2 192.2
 115 60.8 48.1 72.1



#5
 2-Fluorophenol
 Concen: 140.090 ng
 RT: 5.487 min Scan# 577
 Delta R.T. 0.012 min
 Lab File: BF139817.D
 Acq: 15 Oct 2024 17:33

Tgt Ion:112 Resp: 673898
 Ion Ratio Lower Upper
 112 100
 64 67.5 52.1 78.1
 63 35.9 27.6 41.4

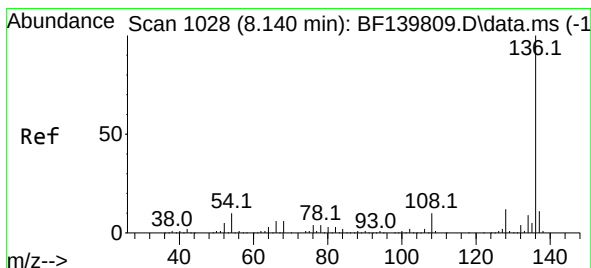
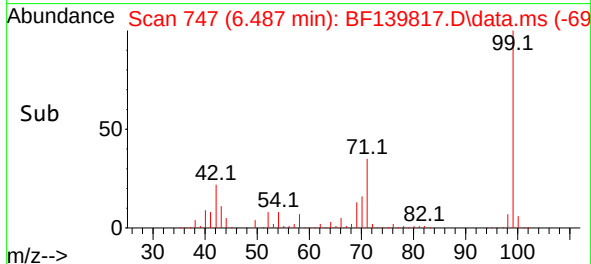
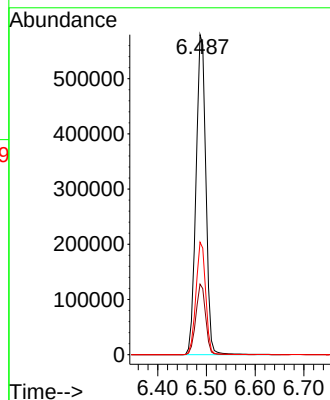
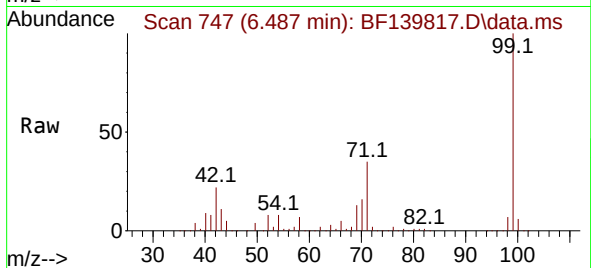




#7
Phenol-d6
Concen: 128.422 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139817.D
Acq: 15 Oct 2024 17:33

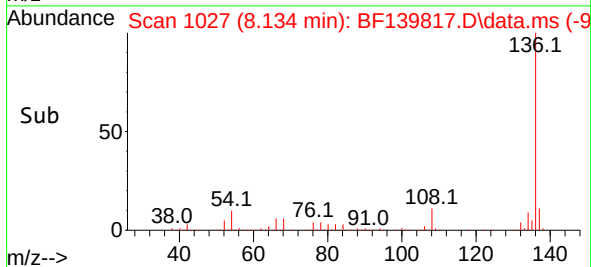
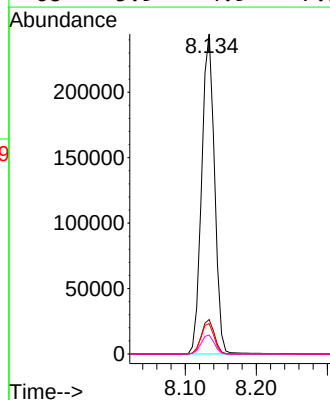
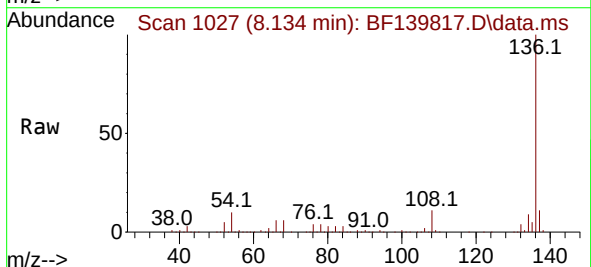
Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

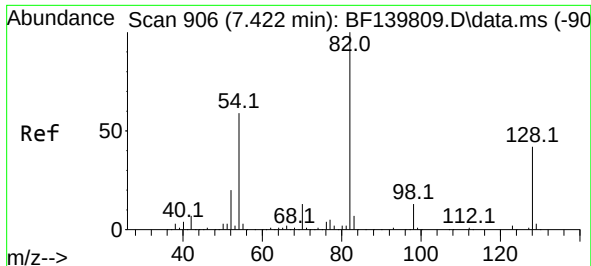
Tgt Ion: 99 Resp: 821578
Ion Ratio Lower Upper
99 100
42 22.0 17.3 25.9
71 35.1 27.8 41.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF139817.D
Acq: 15 Oct 2024 17:33

Tgt Ion: 136 Resp: 309021
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.5 7.7 11.5
68 5.9 4.9 7.3

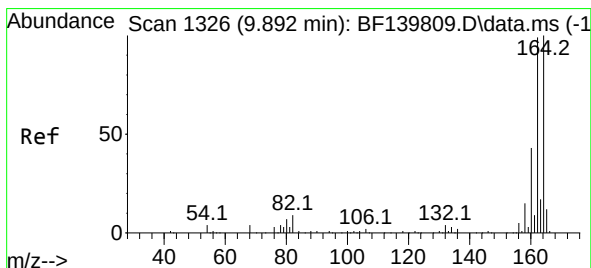
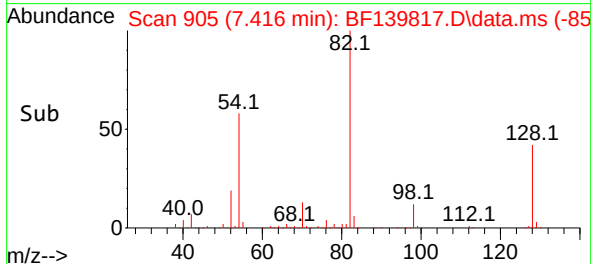
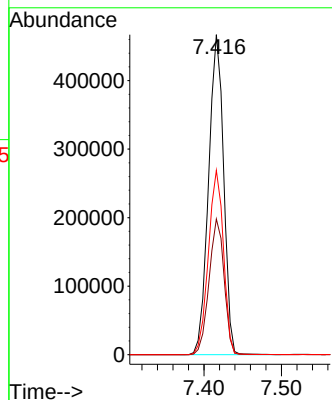
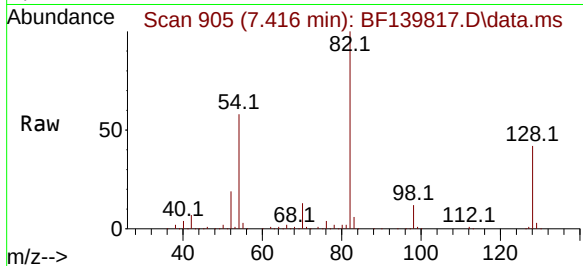




#23
Nitrobenzene-d5
Concen: 104.992 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF139817.D
Acq: 15 Oct 2024 17:33

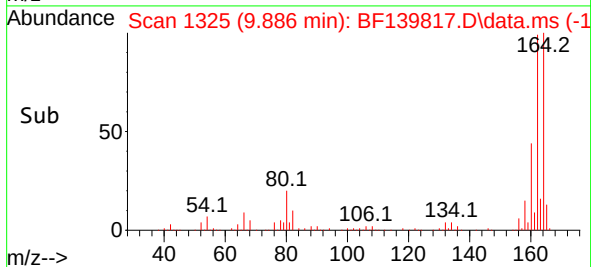
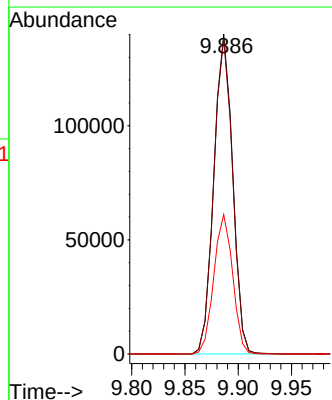
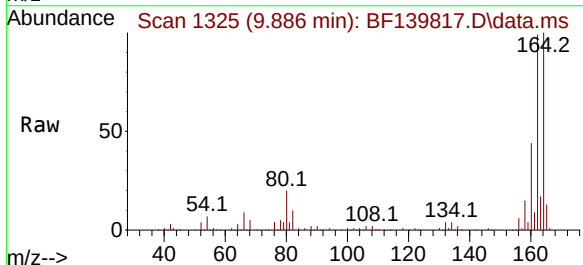
Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

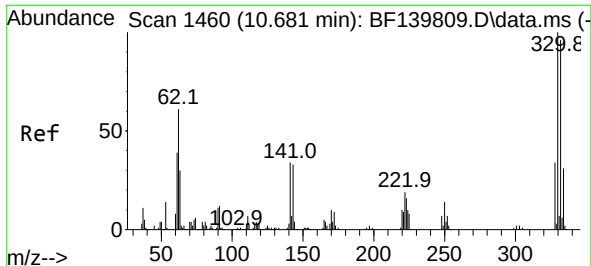
Tgt Ion: 82 Resp: 630360
Ion Ratio Lower Upper
82 100
128 42.4 33.9 50.9
54 57.6 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF139817.D
Acq: 15 Oct 2024 17:33

Tgt Ion:164 Resp: 171844
Ion Ratio Lower Upper
164 100
162 98.5 79.1 118.7
160 43.6 34.4 51.6

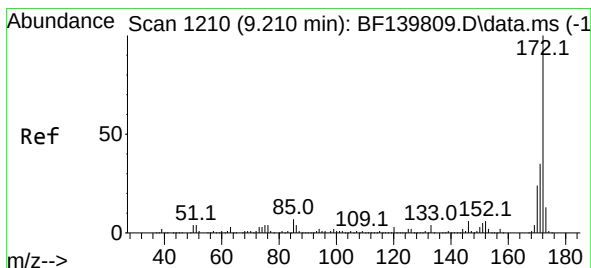
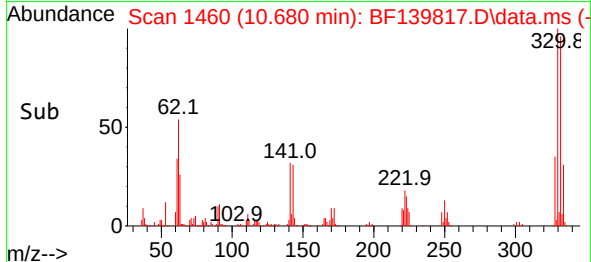
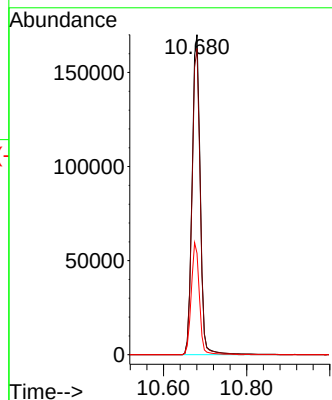
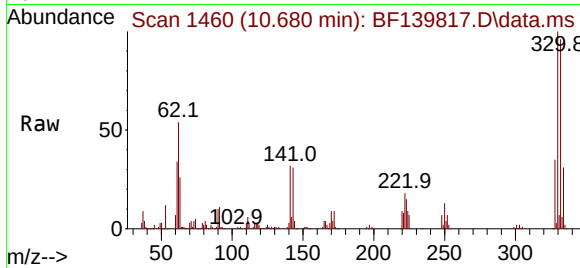




#42
2,4,6-Tribromophenol
Concen: 159.004 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF139817.D
Acq: 15 Oct 2024 17:33

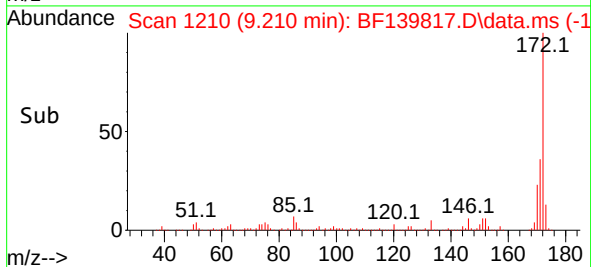
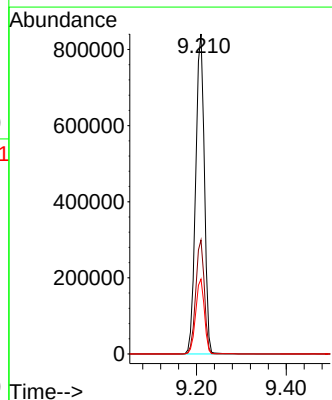
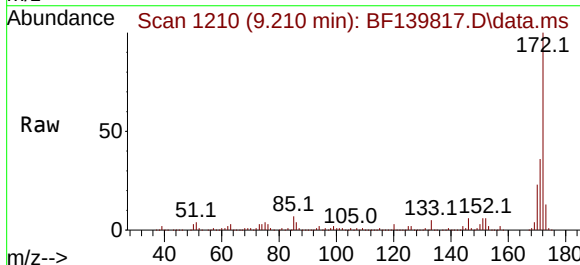
Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

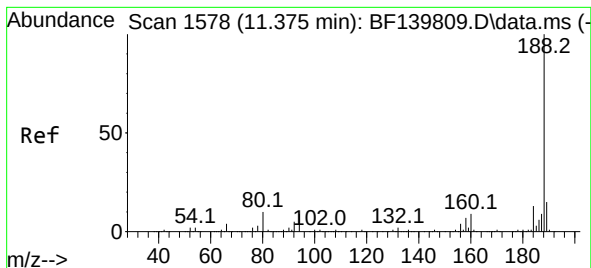
Tgt Ion:330 Resp: 230445
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 34.8 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 98.637 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF139817.D
Acq: 15 Oct 2024 17:33

Tgt Ion:172 Resp: 1133268
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139817.D

Acq: 15 Oct 2024 17:33

Instrument :

BNA_F

ClientSampleId :

F05308-SOLID

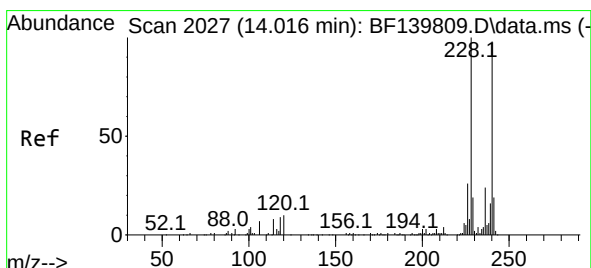
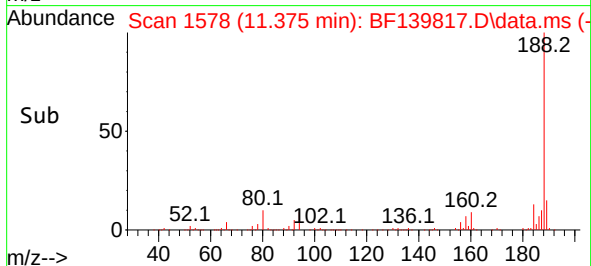
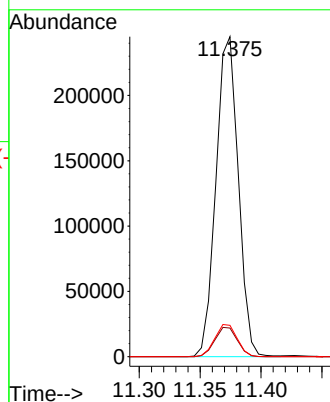
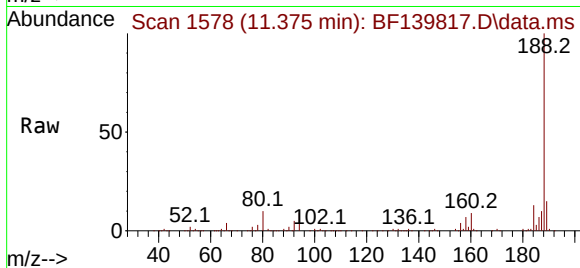
Tgt Ion:188 Resp: 312907

Ion Ratio Lower Upper

188 100

94 8.9 7.3 10.9

80 9.8 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF139817.D

Acq: 15 Oct 2024 17:33

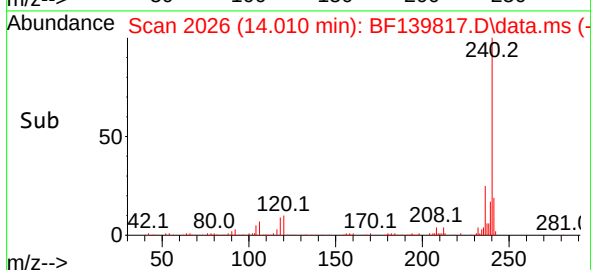
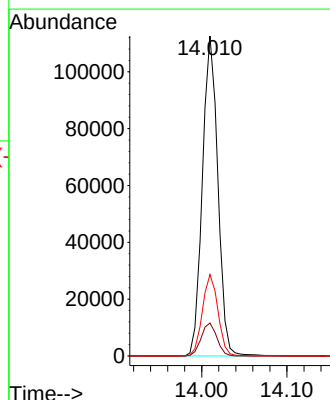
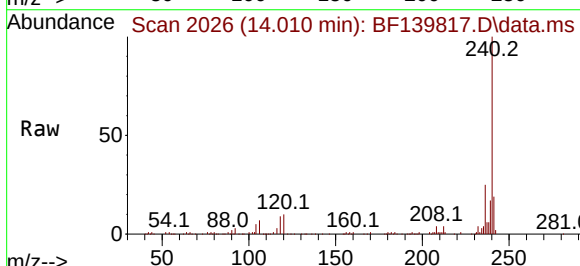
Tgt Ion:240 Resp: 141777

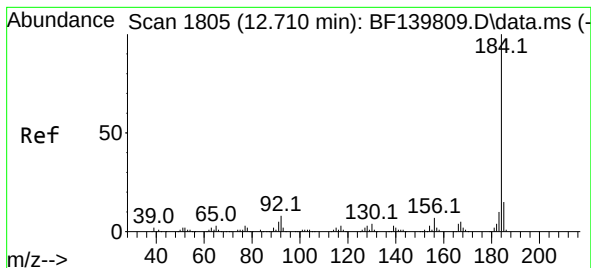
Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

236 25.4 20.0 30.0





#77

Benzidine

Concen: 46.026 ng

RT: 12.710 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF139817.D

Acq: 15 Oct 2024 17:33

Instrument :

BNA_F

ClientSampleId :

F05308-SOLID

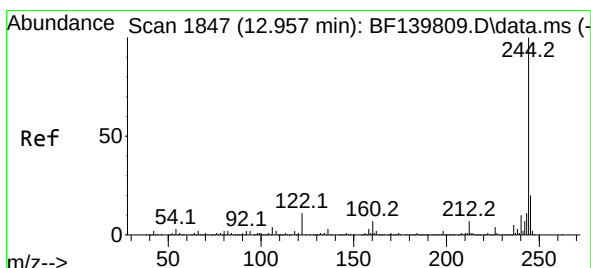
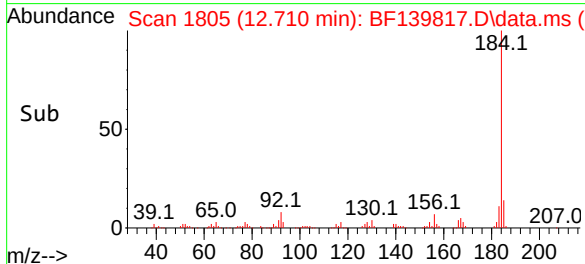
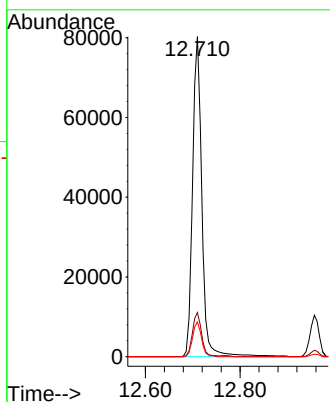
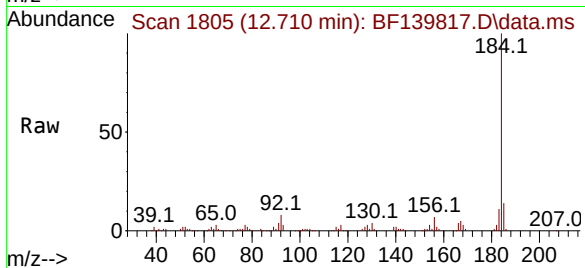
Tgt Ion:184 Resp: 109004

Ion Ratio Lower Upper

184 100

185 13.8 11.9 17.9

183 10.9 8.4 12.6



#79

Terphenyl-d14

Concen: 191.257 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF139817.D

Acq: 15 Oct 2024 17:33

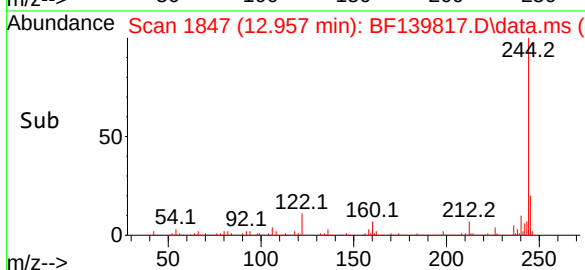
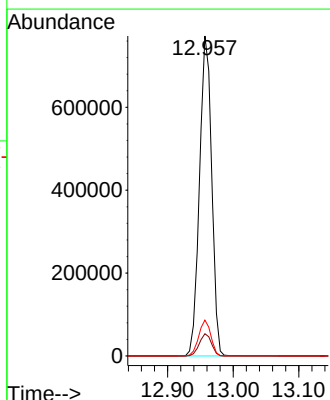
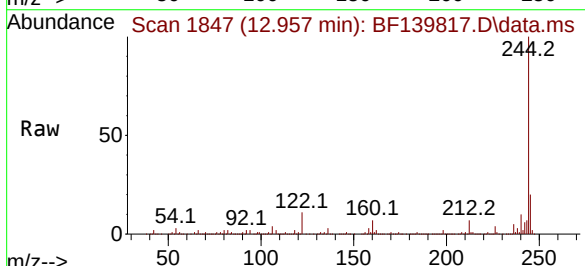
Tgt Ion:244 Resp: 1002338

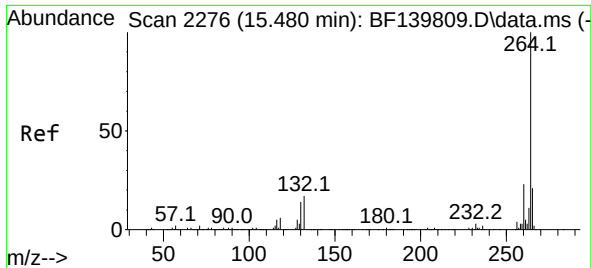
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

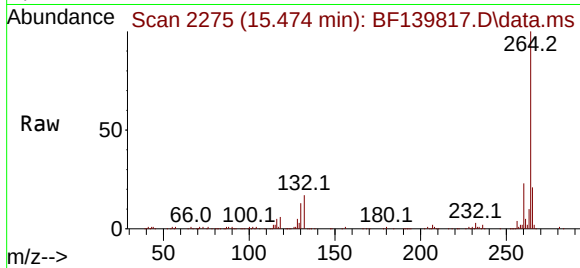
122 11.2 8.9 13.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139817.D
Acq: 15 Oct 2024 17:33

Instrument :
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Tgt Ion:264 Resp: 155453

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.8	28.2
265	20.8	17.2	25.8

