

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
 Data File : BF139398.D
 Acq On : 17 Sep 2024 13:21
 Operator : RC/JU
 Sample : P3932-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM1

Quant Time: Sep 17 13:43:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

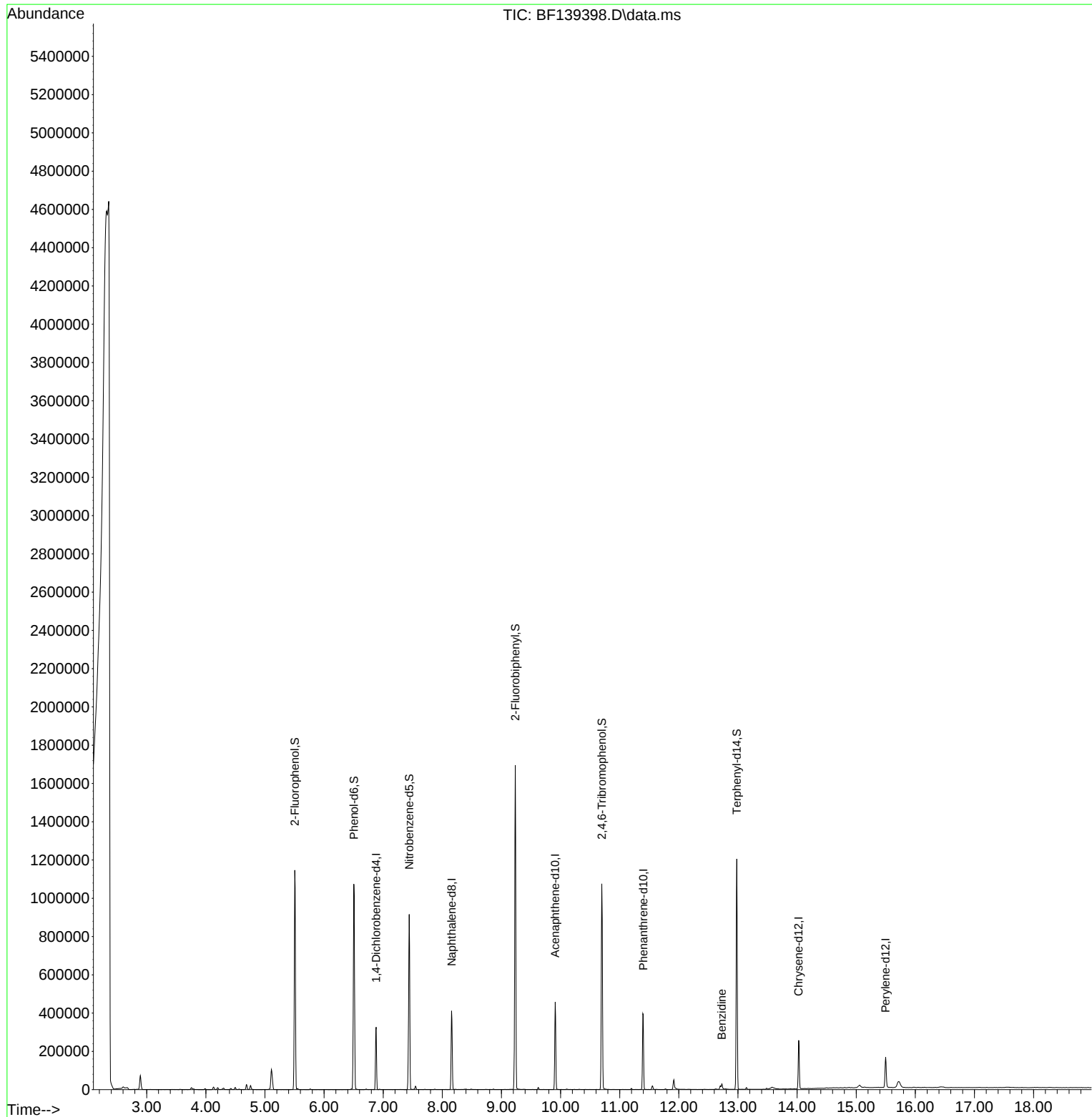
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	62581	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	239320	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	128462	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	212440	20.000	ng	0.00
76) Chrysene-d12	14.027	240	116446	20.000	ng	0.00
86) Perylene-d12	15.498	264	94363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	367984	95.925	ng	0.01
7) Phenol-d6	6.504	99	453318	90.030	ng	0.00
23) Nitrobenzene-d5	7.439	82	384526	75.535	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	158319	115.761	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	709490	77.461	ng	0.00
79) Terphenyl-d14	12.980	244	556649	78.464	ng	0.00
Target Compounds						
77) Benzidine	12.727	184	15877	9.517	ng	Qvalue 98

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

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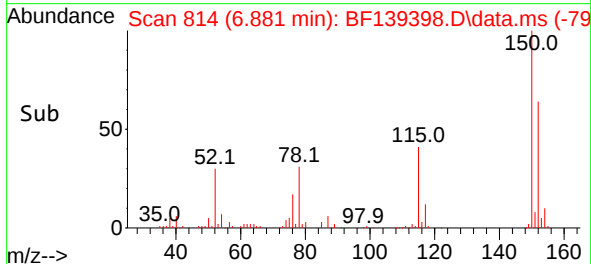
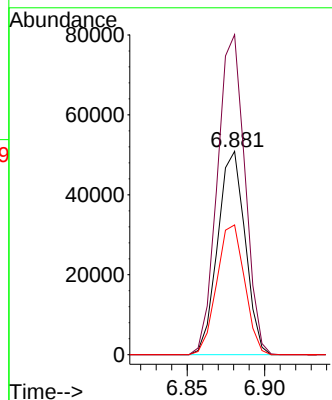
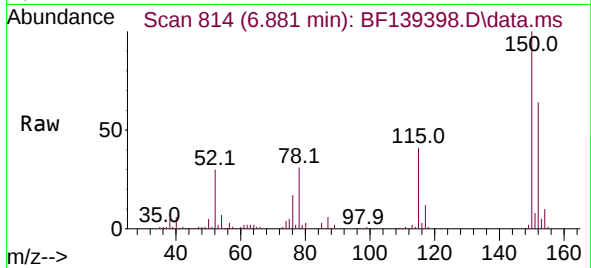




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

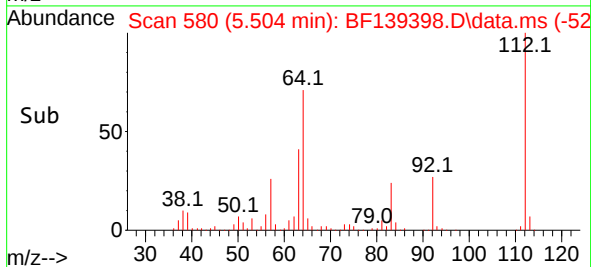
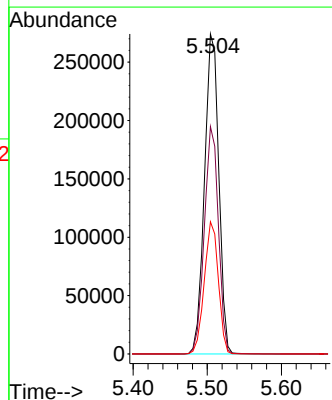
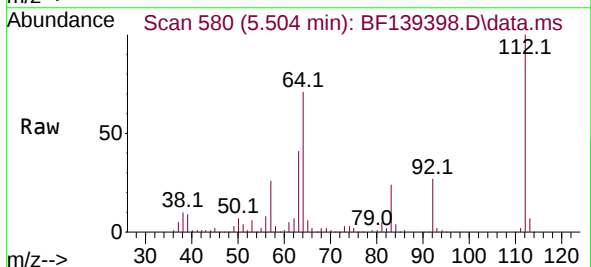
Instrument :
BNA_F
ClientSampleId :
FM1

Tgt Ion:152 Resp: 62581
Ion Ratio Lower Upper
152 100
150 157.4 124.1 186.1
115 63.8 48.1 72.1



#5
2-Fluorophenol
Concen: 95.925 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

Tgt Ion:112 Resp: 367984
Ion Ratio Lower Upper
112 100
64 71.0 54.8 82.2
63 41.3 33.0 49.4

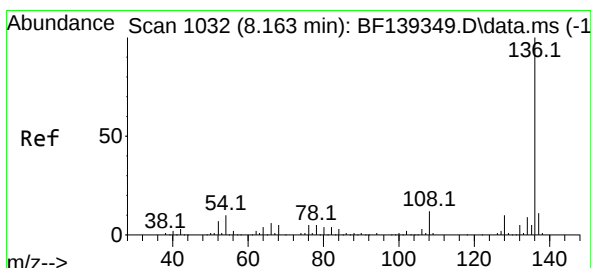
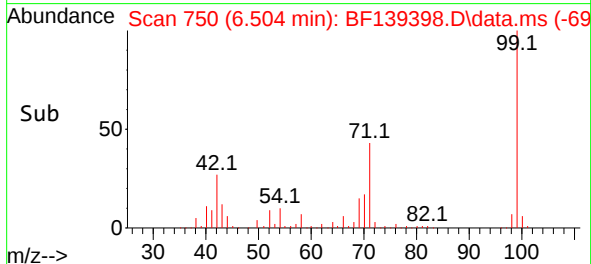
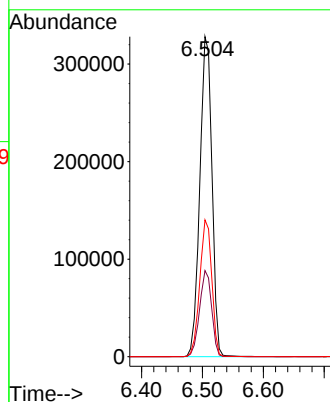
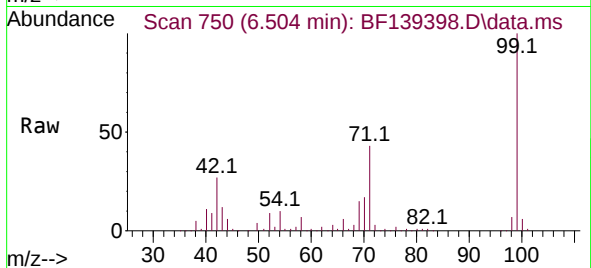




#7
Phenol-d6
Concen: 90.030 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

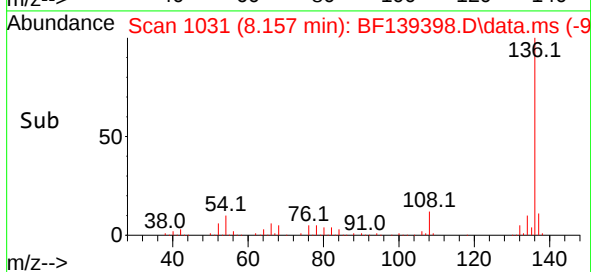
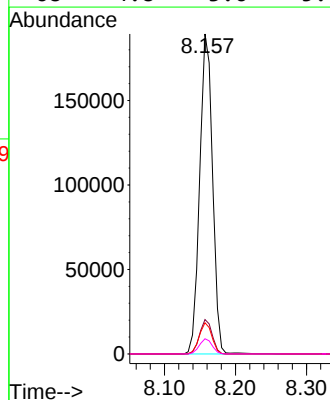
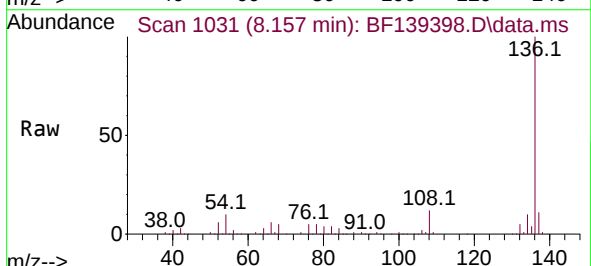
Instrument :
BNA_F
ClientSampleId :
FM1

Tgt Ion: 99 Resp: 453318
Ion Ratio Lower Upper
99 100
42 26.9 21.9 32.9
71 42.7 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

Tgt Ion: 136 Resp: 239320
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.7 7.8 11.8
68 4.8 3.6 5.4

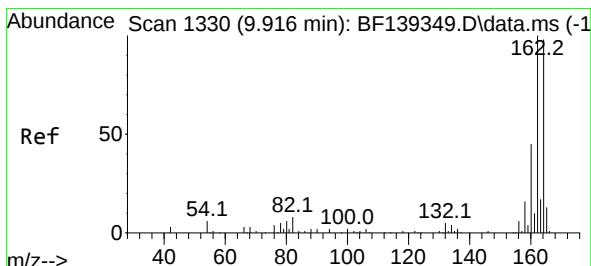
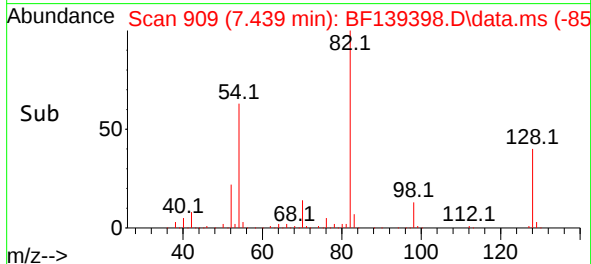
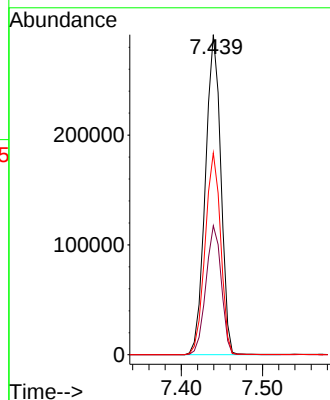
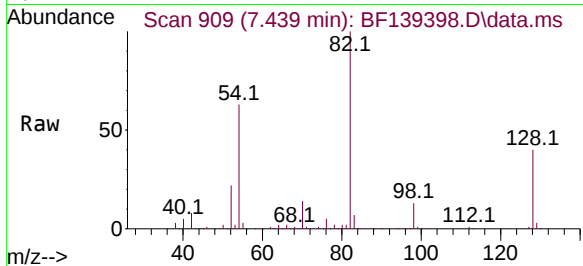




#23
Nitrobenzene-d5
Concen: 75.535 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

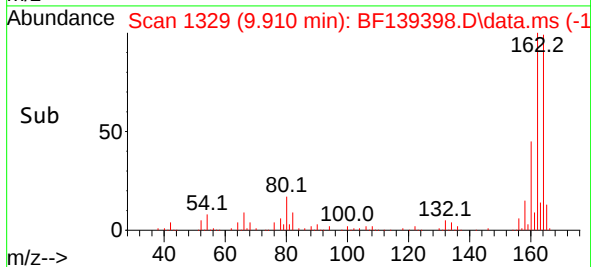
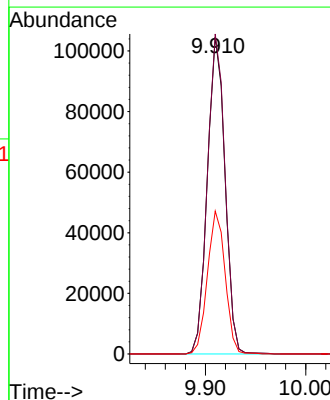
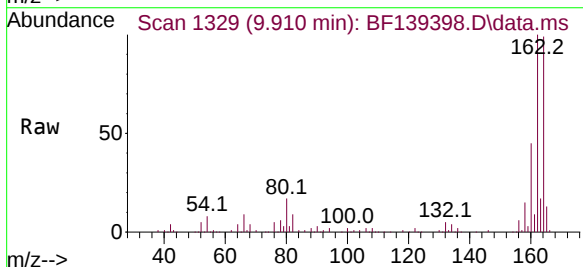
Instrument :
BNA_F
ClientSampleId :
FM1

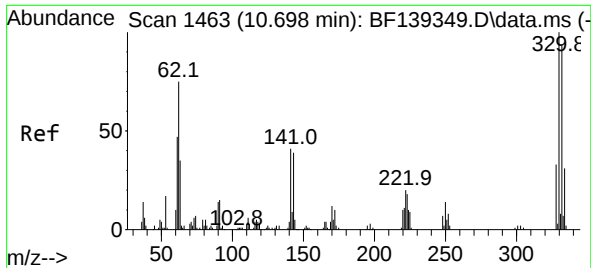
Tgt Ion: 82 Resp: 384526
Ion Ratio Lower Upper
82 100
128 40.3 31.8 47.6
54 63.1 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

Tgt Ion:164 Resp: 128462
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 45.1 36.4 54.6

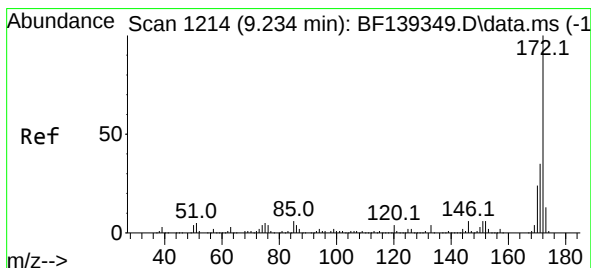
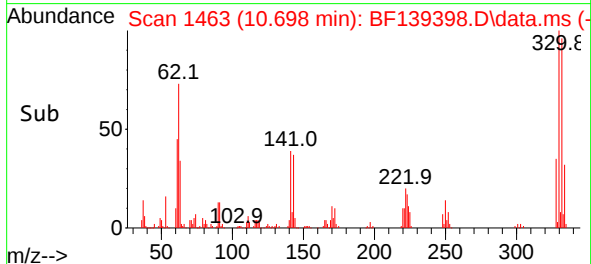
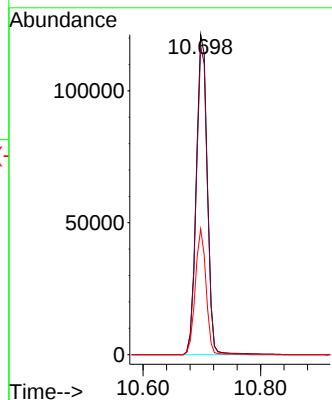
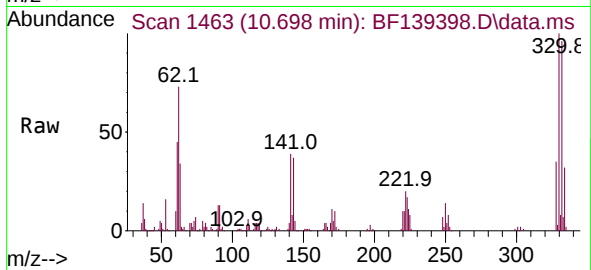




#42
2,4,6-Tribromophenol
Concen: 115.761 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

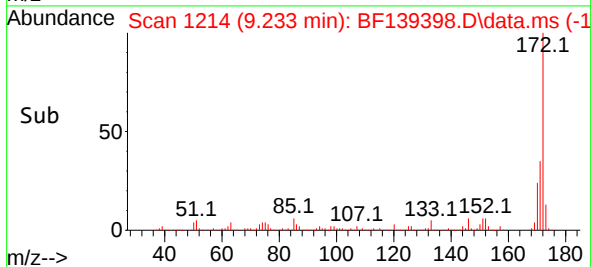
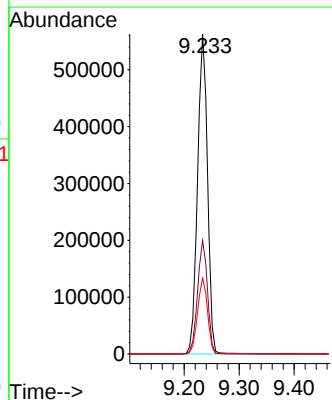
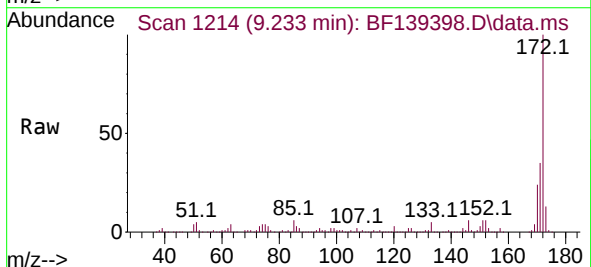
Instrument :
BNA_F
ClientSampleId :
FM1

Tgt Ion:330 Resp: 158319
Ion Ratio Lower Upper
330 100
332 96.7 75.2 112.8
141 38.1 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 77.461 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

Tgt Ion:172 Resp: 709490
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.7 19.0 28.6

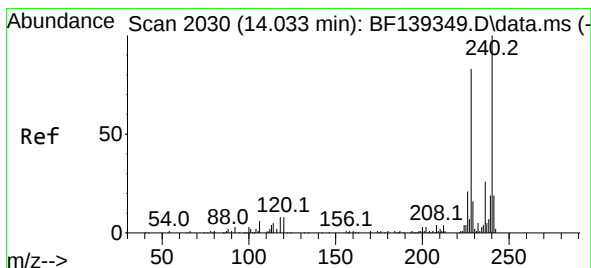
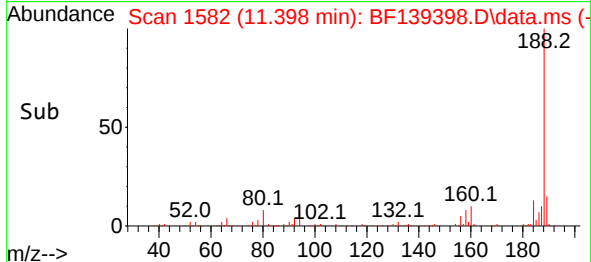
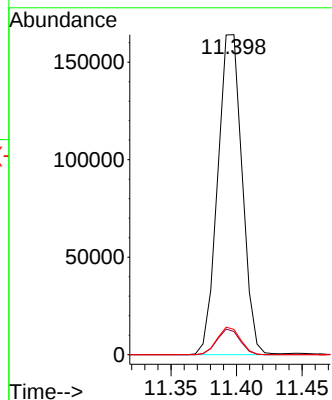
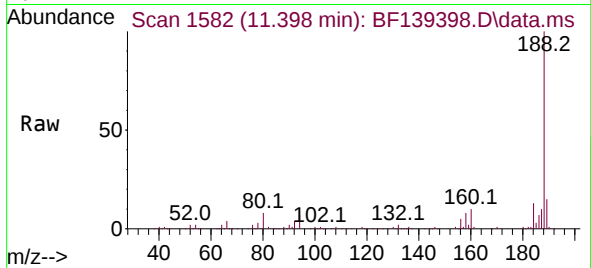




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

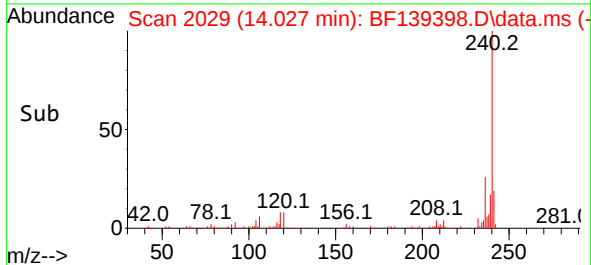
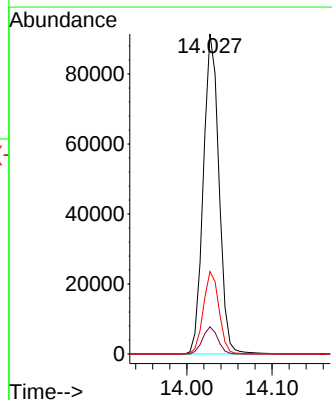
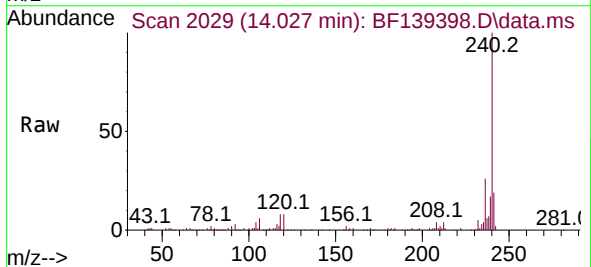
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BNA_F
ClientSampleId :
FM1

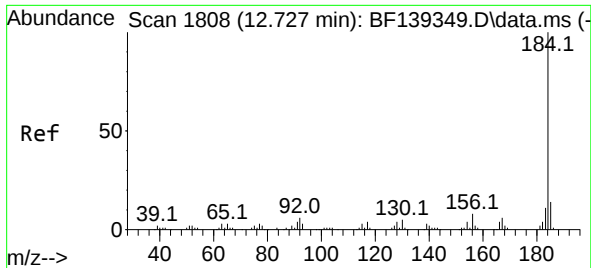
Tgt Ion:188 Resp: 212440
Ion Ratio Lower Upper
188 100
94 7.3 5.5 8.3
80 7.9 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

Tgt Ion:240 Resp: 116446
Ion Ratio Lower Upper
240 100
120 8.5 6.2 9.2
236 25.8 20.9 31.3

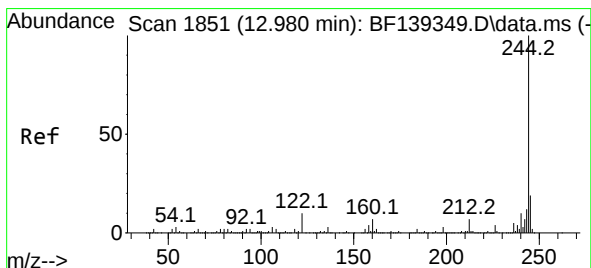
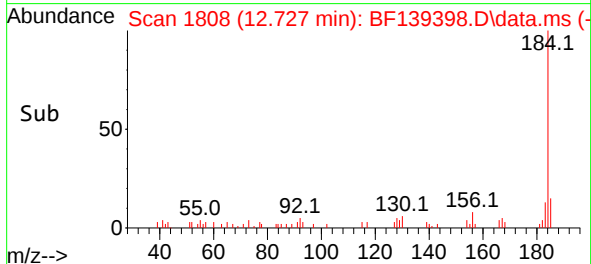
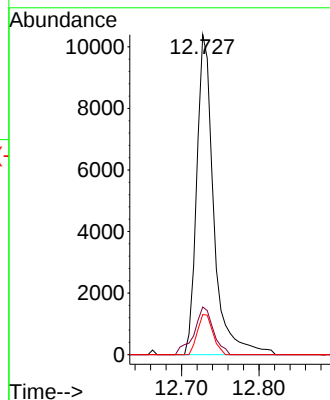
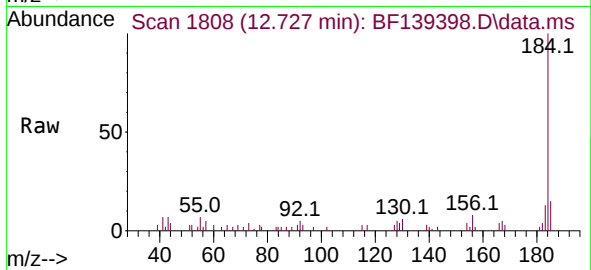




#77
Benzidine
Concen: 9.517 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

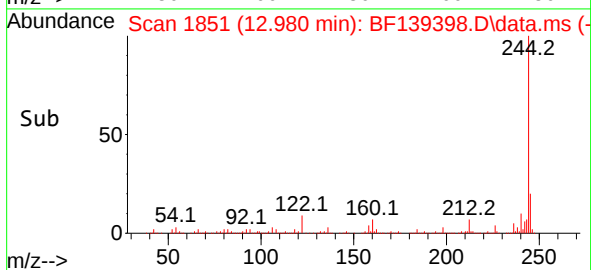
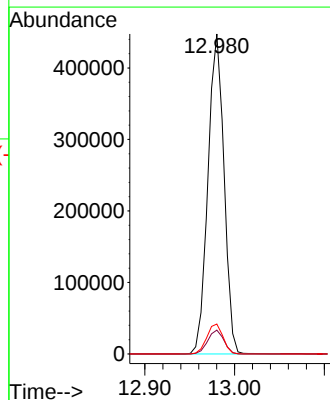
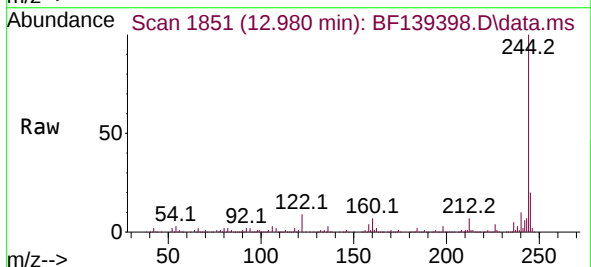
Instrument :
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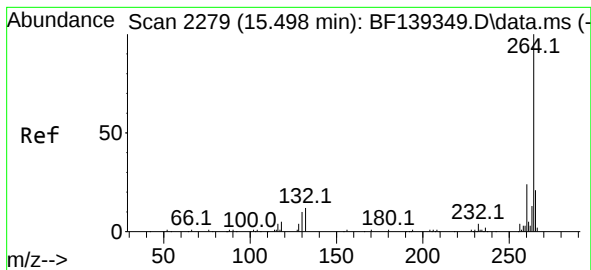
Tgt Ion:184	Resp:	15877
Ion	Ratio	Lower Upper
184	100	
185	14.9	11.5 17.3
183	12.5	8.9 13.3



#79
Terphenyl-d14
Concen: 78.464 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139398.D
Acq: 17 Sep 2024 13:21

Tgt Ion:244	Resp:	556649
Ion	Ratio	Lower Upper
244	100	
212	7.5	6.0 9.0
122	9.4	7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139398.D

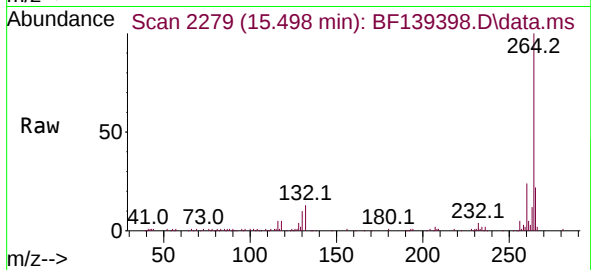
Acq: 17 Sep 2024 13:21

Instrument :

BNA_F

ClientSampleId :

FM1



Tgt Ion:264 Resp: 94363

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 22.5 16.6 25.0

