

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
 Data File : BF139368.D
 Acq On : 14 Sep 2024 14:48
 Operator : RC/JU
 Sample : P3940-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AST-2024-4036-PRIM

Quant Time: Sep 16 01:55:57 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	6.875	152	57997	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	211377	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	112258	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	185625	20.000	ng	0.00
76) Chrysene-d12	14.027	240	97772	20.000	ng	0.00
86) Perylene-d12	15.498	264	113354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	143777	40.442	ng	0.00
7) Phenol-d6	6.493	99	118530	25.401	ng	-0.01
23) Nitrobenzene-d5	7.440	82	300873	66.916	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	133525	111.725	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	534740	66.809	ng	0.00
79) Terphenyl-d14	12.980	244	459552	77.149	ng	0.00

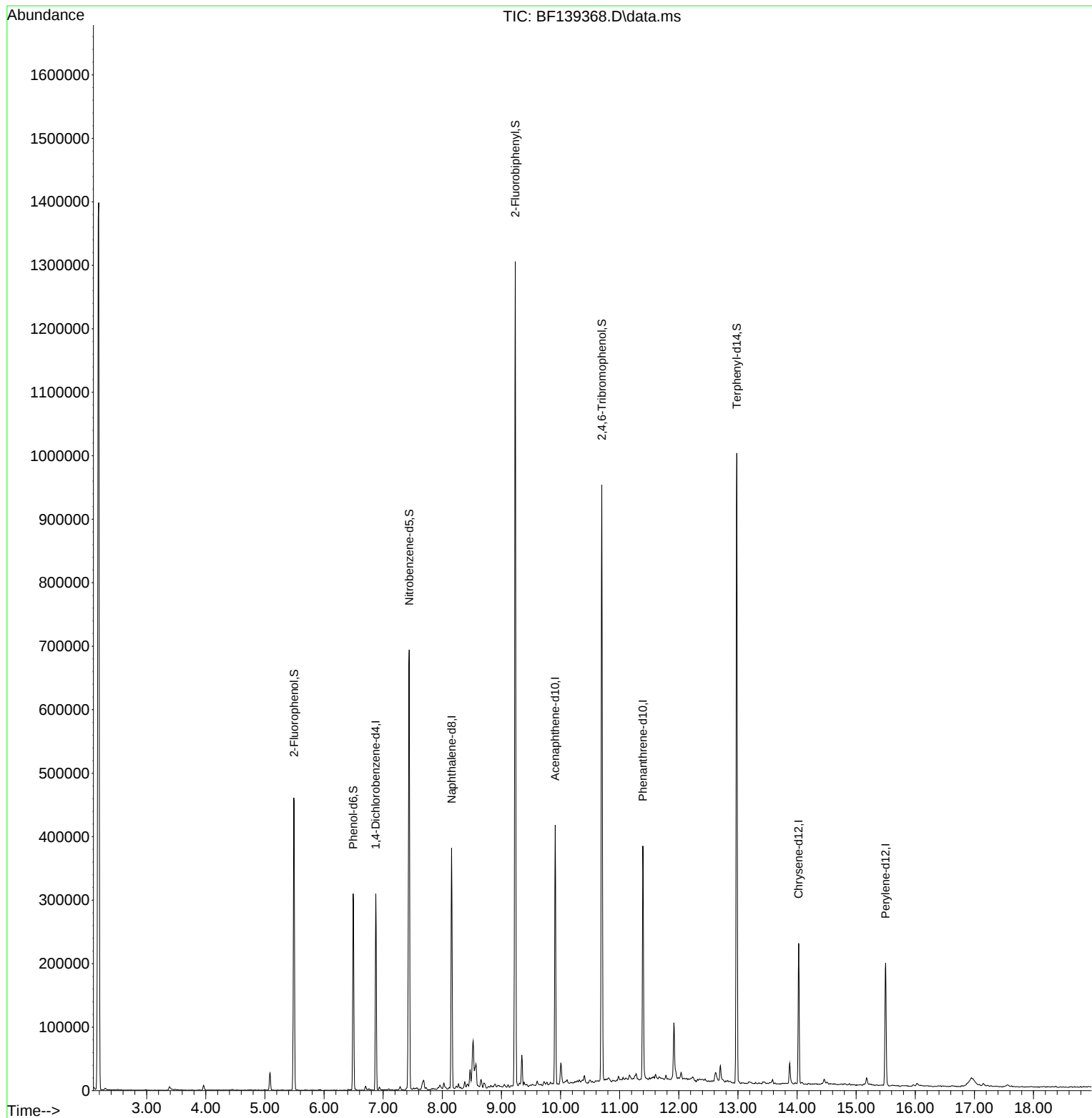
Target Compounds	Qvalue

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

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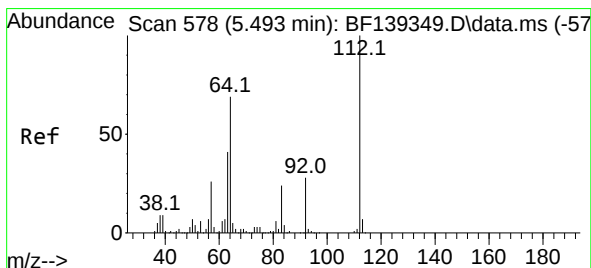
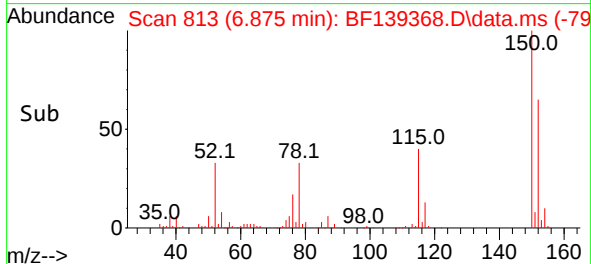
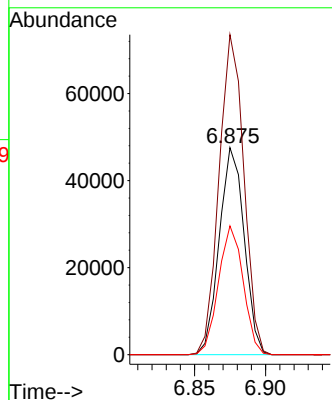
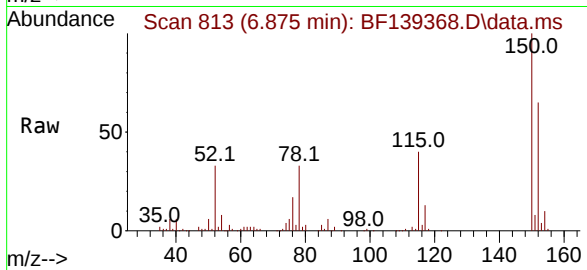




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139368.D
Acq: 14 Sep 2024 14:48

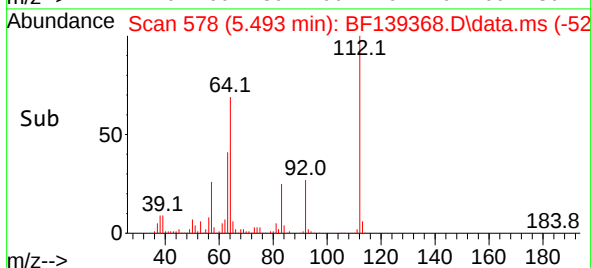
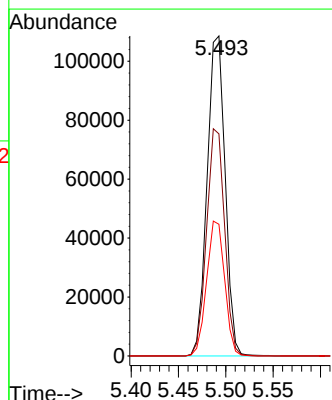
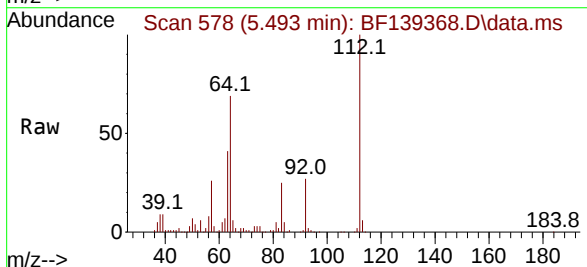
Instrument :
BNA_F
ClientSampleId :
AST-2024-4036-PRIM

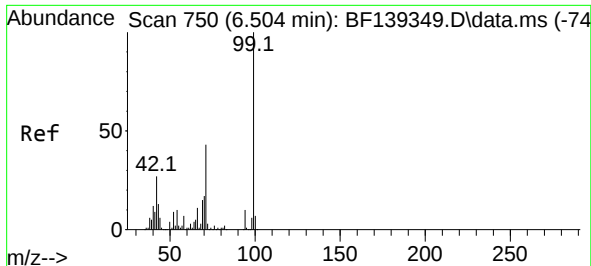
Tgt Ion:152 Resp: 57997
Ion Ratio Lower Upper
152 100
150 154.6 124.1 186.1
115 62.2 48.1 72.1



#5
2-Fluorophenol
Concen: 40.442 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF139368.D
Acq: 14 Sep 2024 14:48

Tgt Ion:112 Resp: 143777
Ion Ratio Lower Upper
112 100
64 69.4 54.8 82.2
63 41.2 33.0 49.4

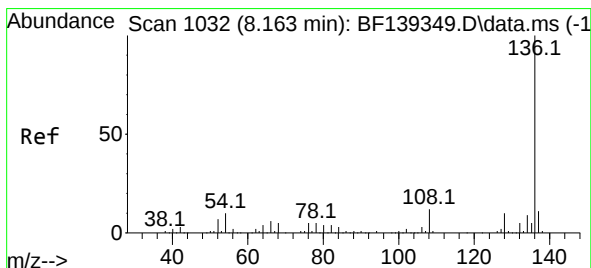
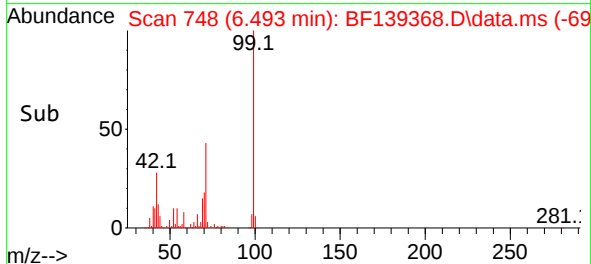
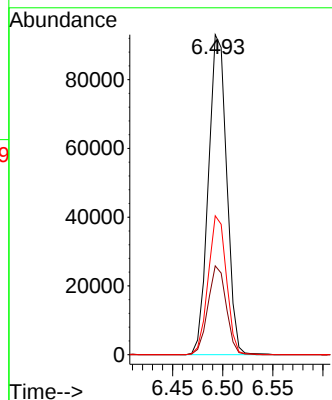
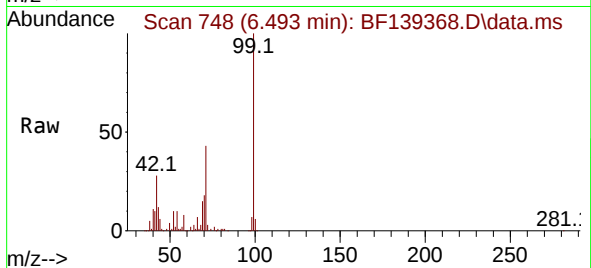




#7
Phenol-d6
Concen: 25.401 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139368.D
Acq: 14 Sep 2024 14:48

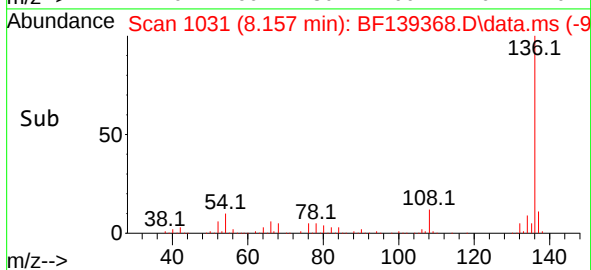
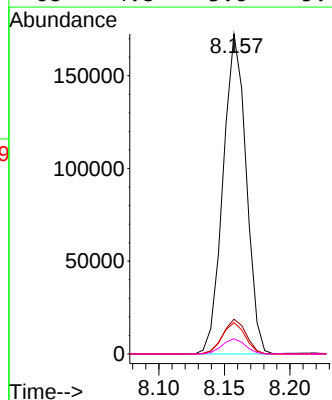
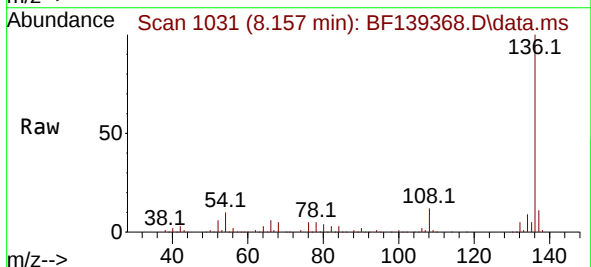
Instrument :
BNA_F
ClientSampleId :
AST-2024-4036-PRIM

Tgt Ion: 99 Resp: 118530
Ion Ratio Lower Upper
99 100
42 27.8 21.9 32.9
71 43.4 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: BF139368.D
Acq: 14 Sep 2024 14:48

Tgt Ion: 136 Resp: 211377
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.8 7.8 11.8
68 4.8 3.6 5.4





#23

Nitrobenzene-d5

Concen: 66.916 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139368.D

Acq: 14 Sep 2024 14:48

Instrument :

BNA_F

ClientSampleId :

AST-2024-4036-PRIM

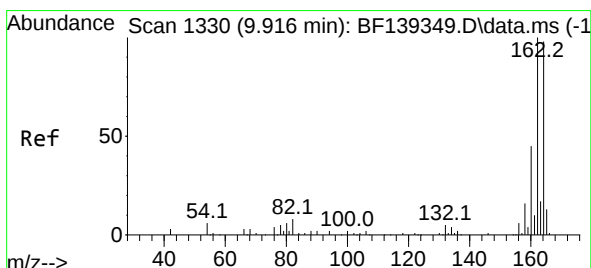
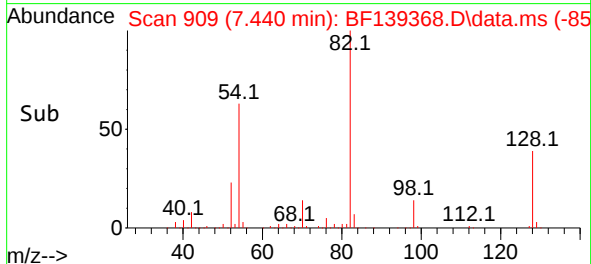
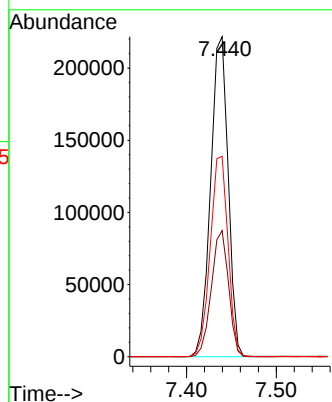
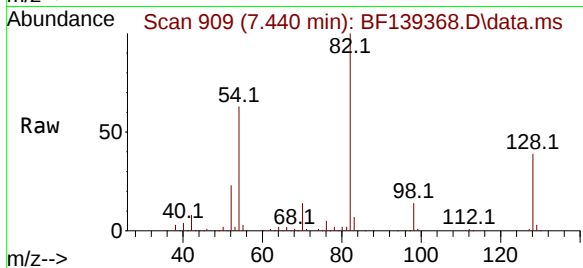
Tgt Ion: 82 Resp: 300873

Ion Ratio Lower Upper

82 100

128 39.4 31.8 47.6

54 62.6 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: BF139368.D

Acq: 14 Sep 2024 14:48

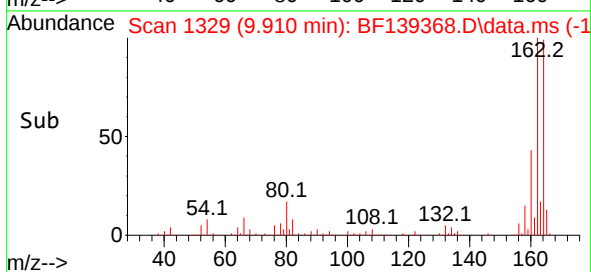
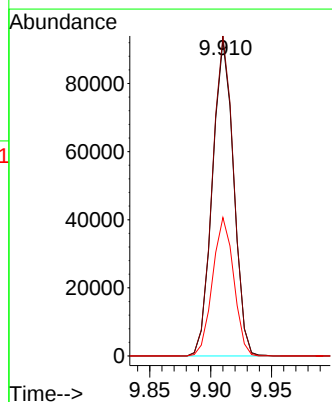
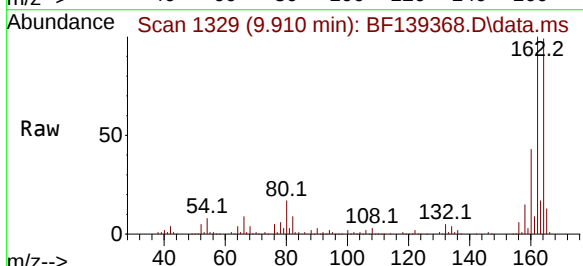
Tgt Ion:164 Resp: 112258

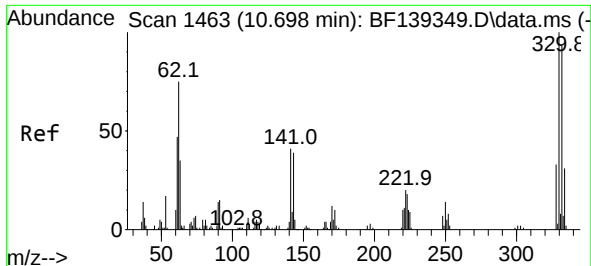
Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

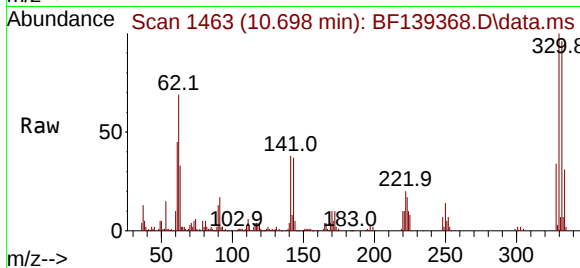
160 43.9 36.4 54.6



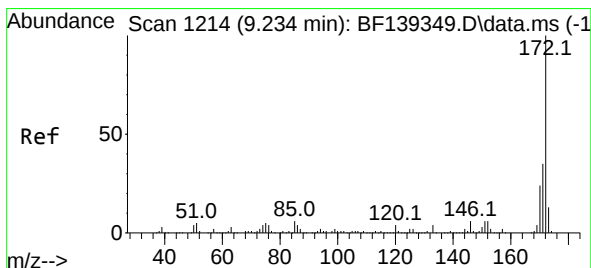
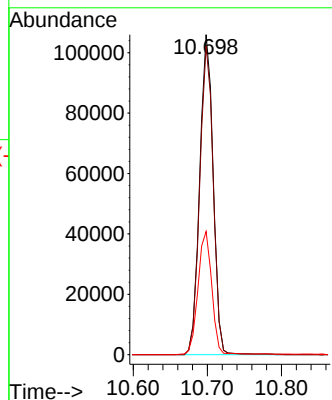
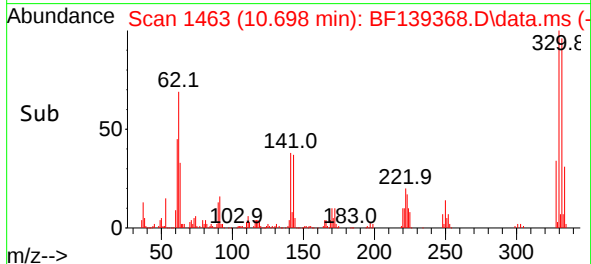


#42
2,4,6-Tribromophenol
Concen: 111.725 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139368.D
Acq: 14 Sep 2024 14:48

Instrument :
BNA_F
ClientSampleId :
AST-2024-4036-PRIM

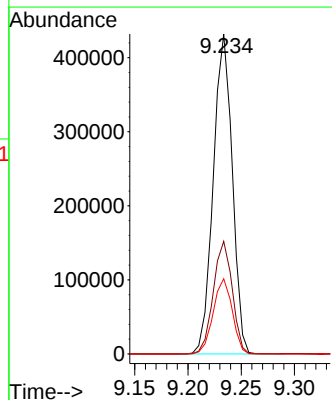
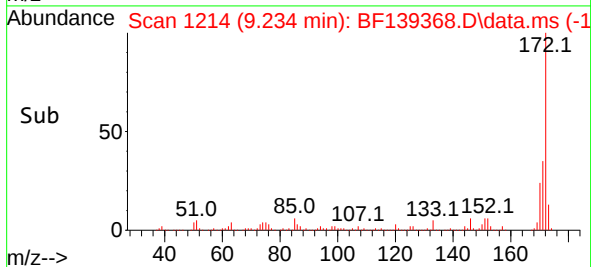
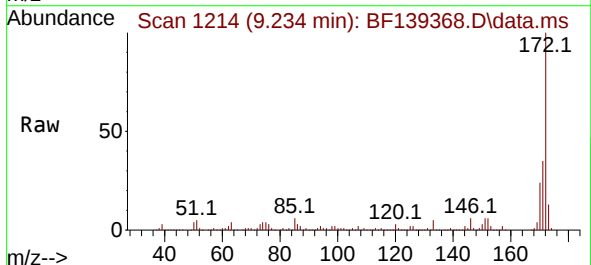


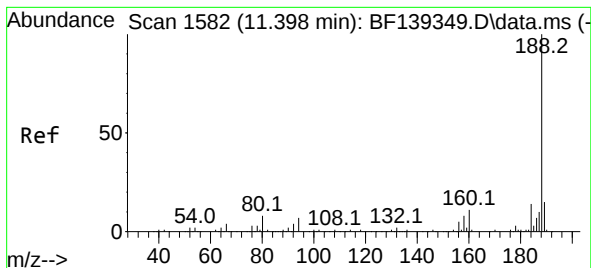
Tgt Ion:330 Resp: 133525
Ion Ratio Lower Upper
330 100
332 96.8 75.2 112.8
141 39.4 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 66.809 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF139368.D
Acq: 14 Sep 2024 14:48

Tgt Ion:172 Resp: 534740
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139368.D

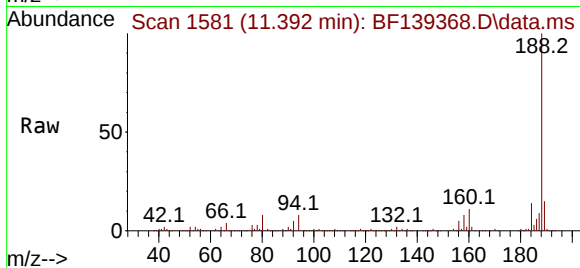
Acq: 14 Sep 2024 14:48

Instrument :

BNA_F

ClientSampleId :

AST-2024-4036-PRIM



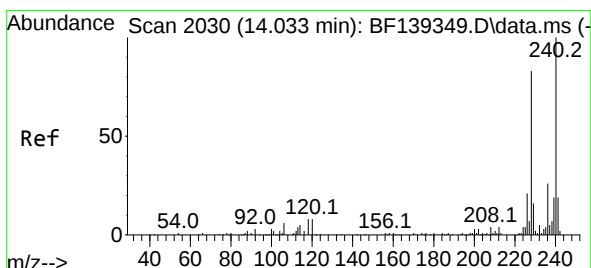
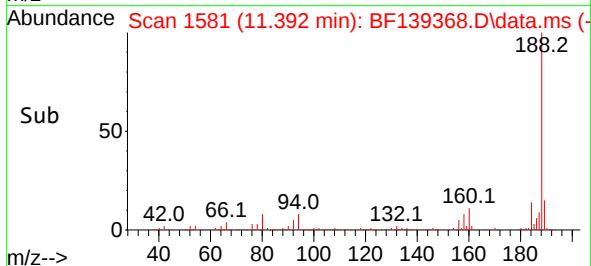
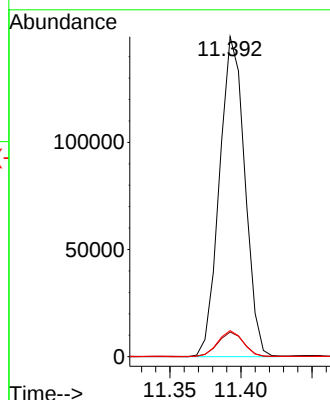
Tgt Ion:188 Resp: 185625

Ion Ratio Lower Upper

188 100

94 7.7 5.5 8.3

80 8.2 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: BF139368.D

Acq: 14 Sep 2024 14:48

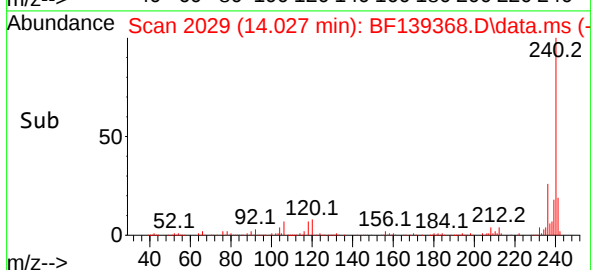
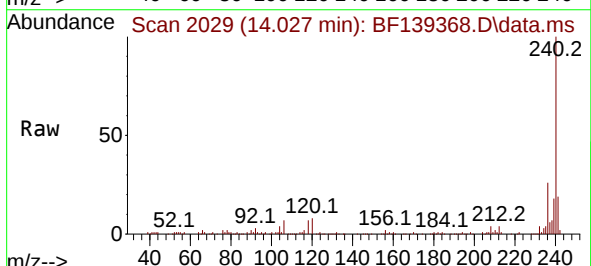
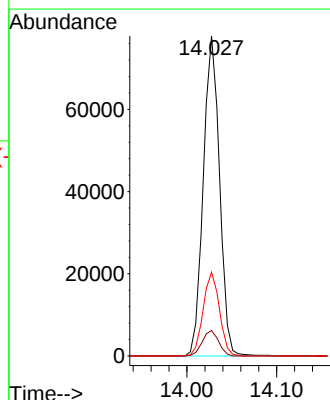
Tgt Ion:240 Resp: 97772

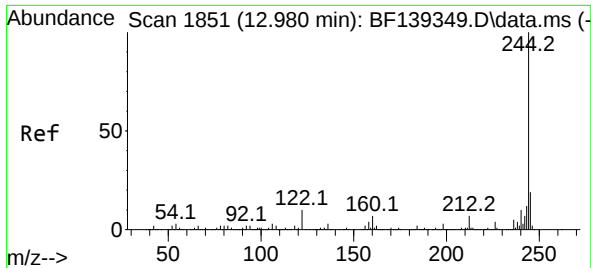
Ion Ratio Lower Upper

240 100

120 8.0 6.2 9.2

236 26.2 20.9 31.3

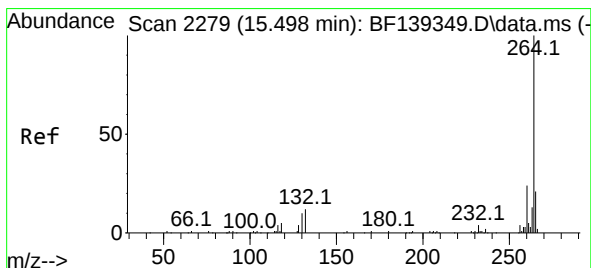
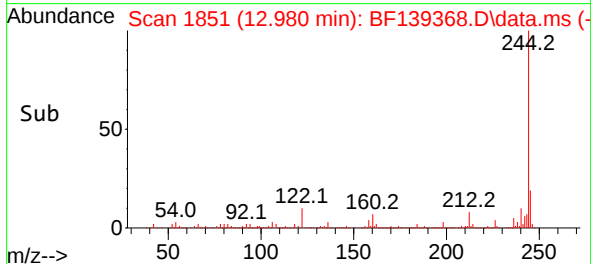
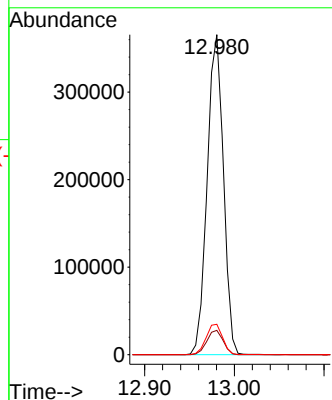
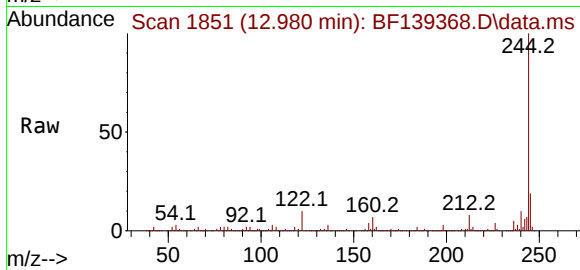




#79
 Terphenyl-d14
 Concen: 77.149 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF139368.D
 Acq: 14 Sep 2024 14:48

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 459552
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 9.5 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. 0.000 min
 Lab File: BF139368.D
 Acq: 14 Sep 2024 14:48

Tgt Ion:264 Resp: 113354
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.1 16.6 25.0

