

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
Data File : BF139567.D
Acq On : 27 Sep 2024 01:14
Operator : RC/JU
Sample : P4198-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP4-WC-1

Quant Time: Sep 27 02:18:27 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	64936	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	243878	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	131428	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	256777	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	147707	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	145098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	353465	88.799	ng	0.00
7) Phenol-d6	6.504	99	475825	91.072	ng	0.00
23) Nitrobenzene-d5	7.434	82	284793	54.898	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	103520	73.985	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	508135	54.225	ng	0.00
79) Terphenyl-d14	12.980	244	577197	64.141	ng	0.00

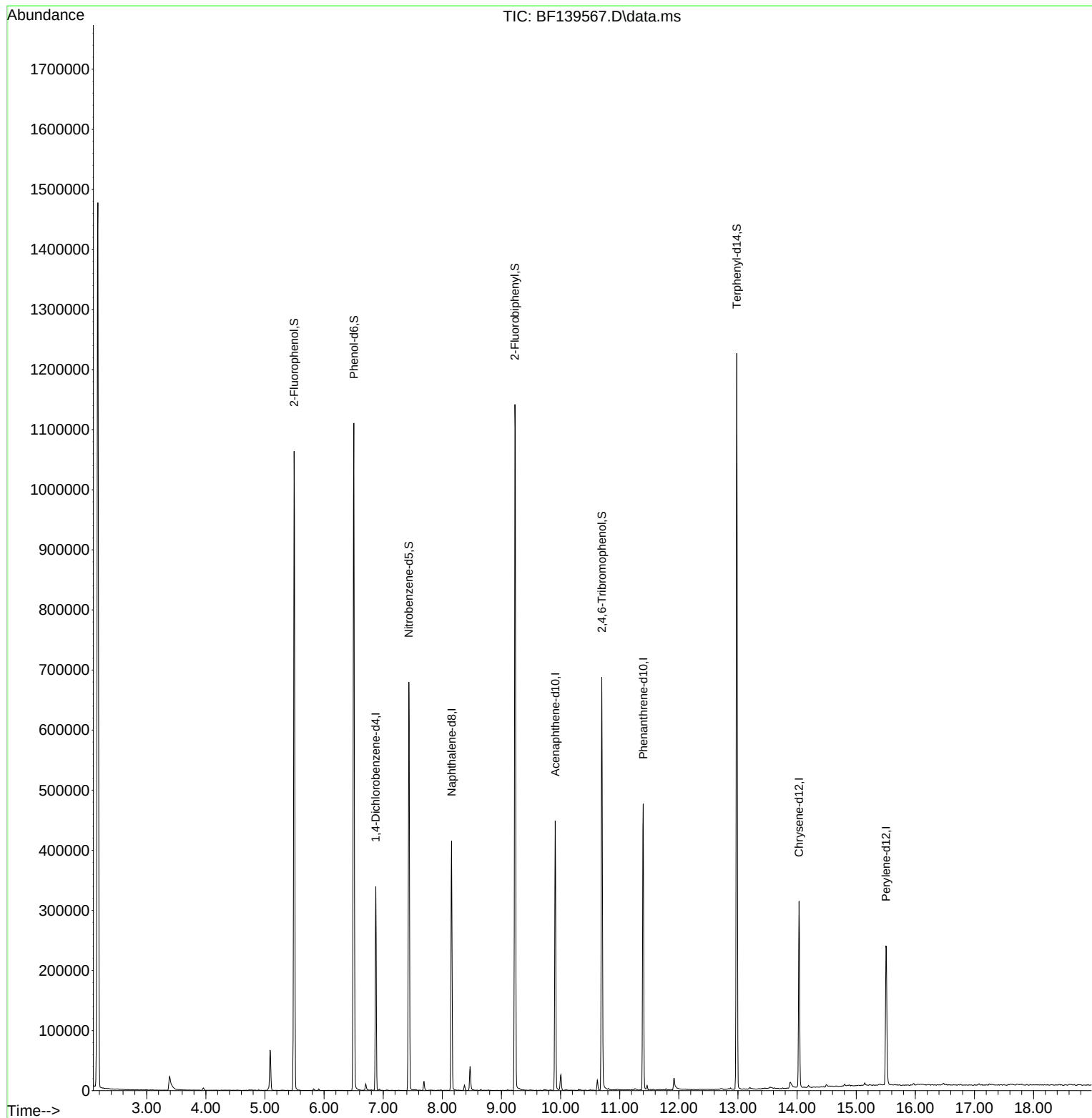
Target Compounds	Qvalue

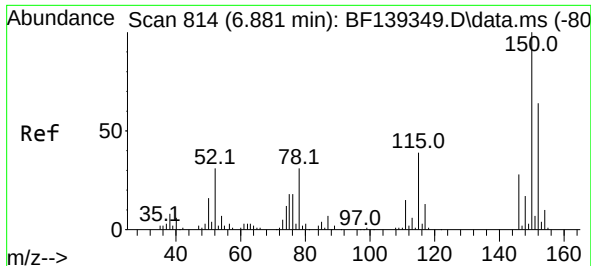
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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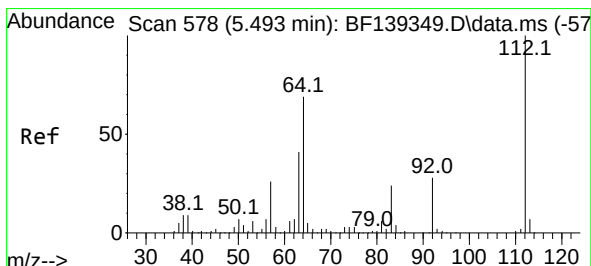
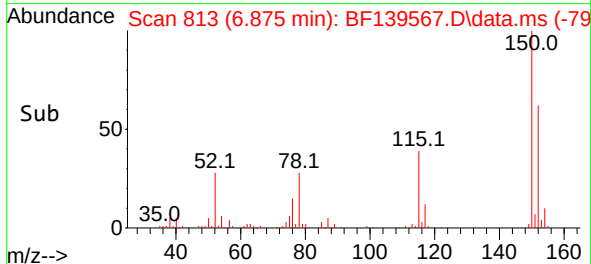
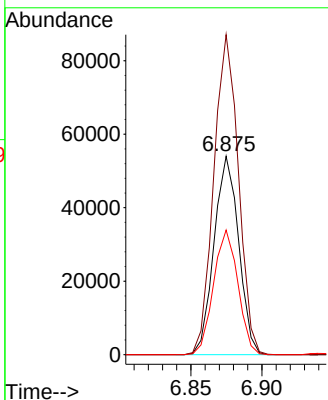
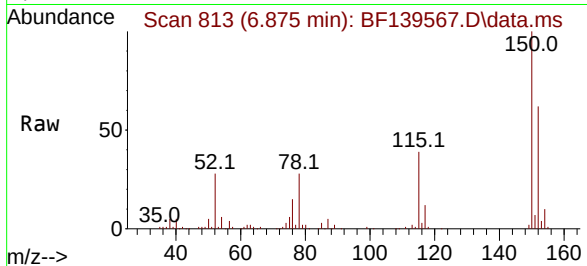




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139567.D
Acq: 27 Sep 2024 01:14

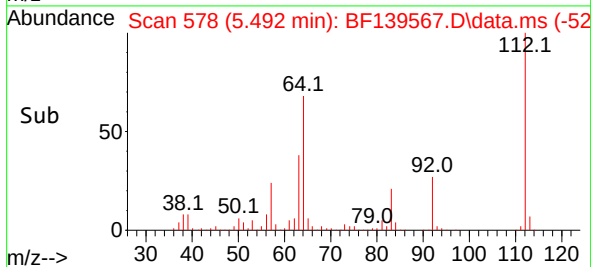
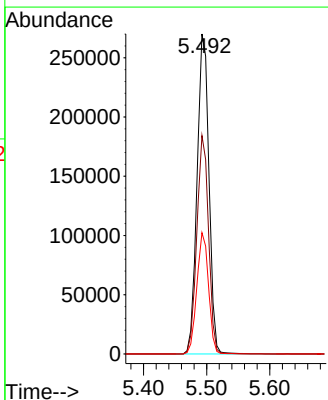
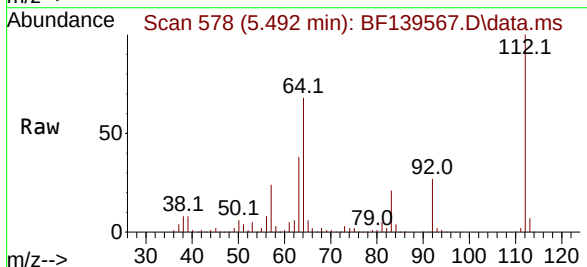
Instrument :
BNA_F
ClientSampleId :
TP4-WC-1

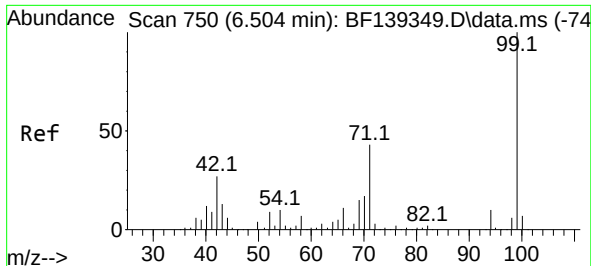
Tgt Ion:152 Resp: 64936
Ion Ratio Lower Upper
152 100
150 161.3 124.1 186.1
115 62.8 48.1 72.1



#5
2-Fluorophenol
Concen: 88.799 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.001 min
Lab File: BF139567.D
Acq: 27 Sep 2024 01:14

Tgt Ion:112 Resp: 353465
Ion Ratio Lower Upper
112 100
64 68.2 54.8 82.2
63 37.9 33.0 49.4

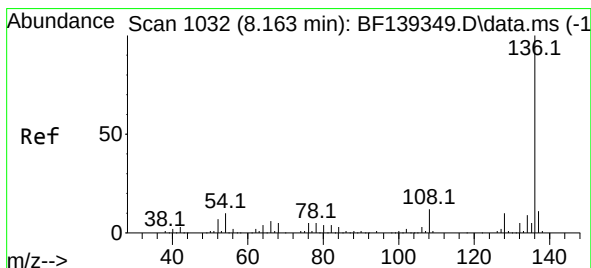
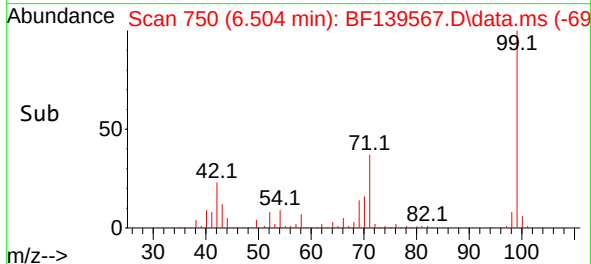
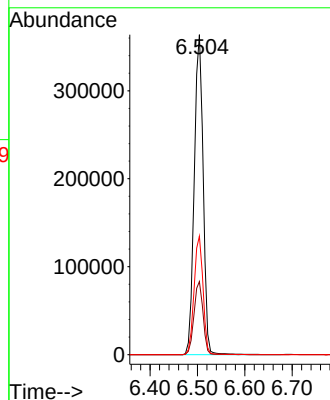
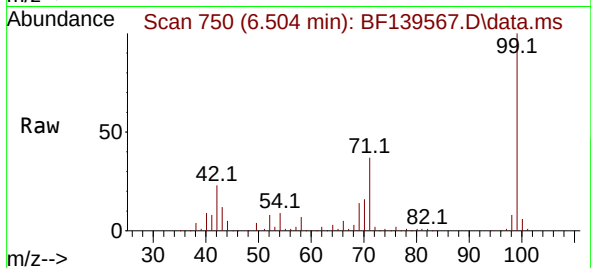




#7
Phenol-d6
Concen: 91.072 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139567.D
Acq: 27 Sep 2024 01:14

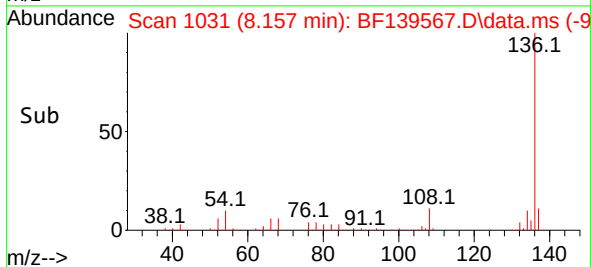
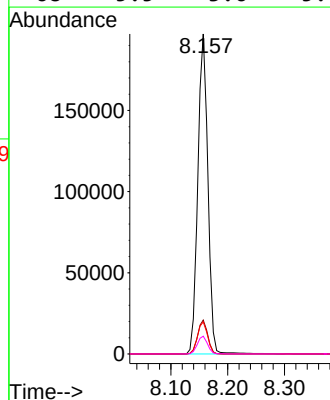
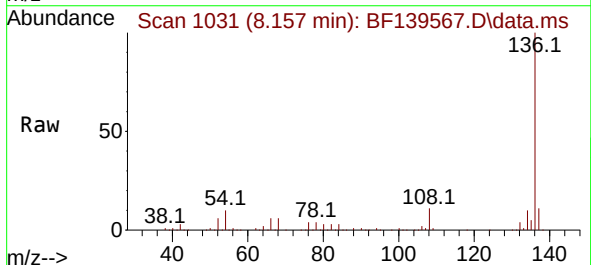
Instrument :
BNA_F
ClientSampleId :
TP4-WC-1

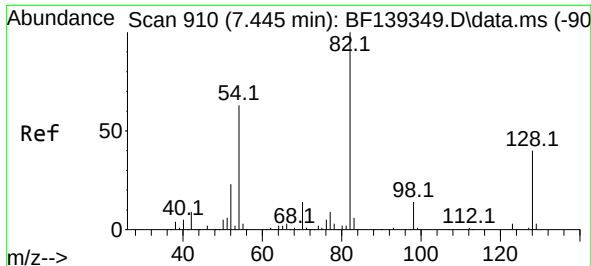
Tgt Ion: 99 Resp: 475825
Ion Ratio Lower Upper
99 100
42 22.9 21.9 32.9
71 37.0 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139567.D
Acq: 27 Sep 2024 01:14

Tgt Ion: 136 Resp: 243878
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 10.0 7.8 11.8
68 5.5 3.6 5.4

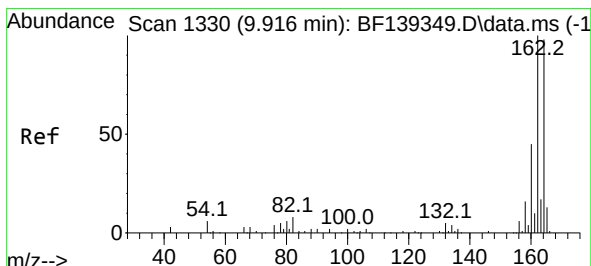
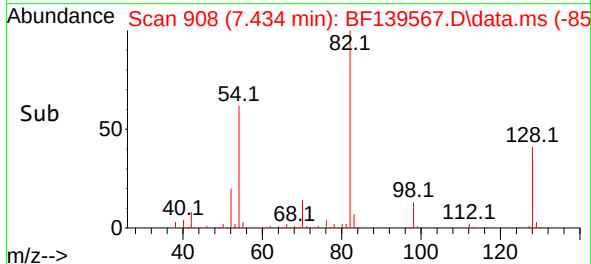
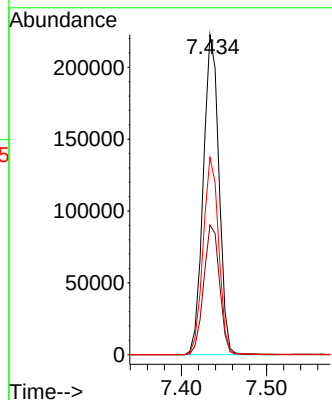
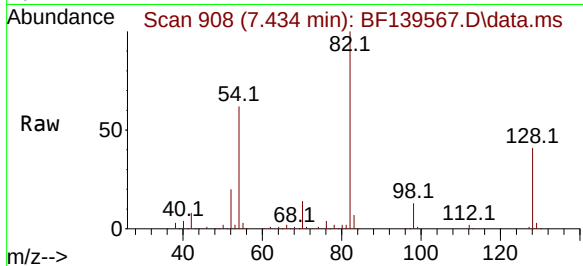




#23
 Nitrobenzene-d5
 Concen: 54.898 ng
 RT: 7.434 min Scan# 90
 Delta R.T. -0.012 min
 Lab File: BF139567.D
 Acq: 27 Sep 2024 01:14

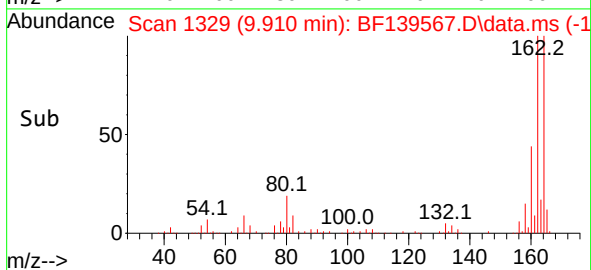
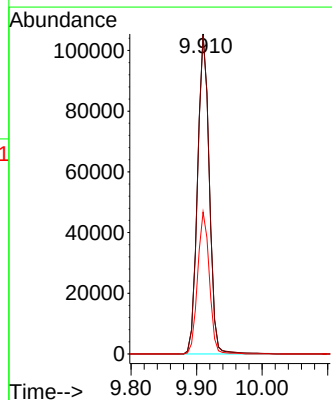
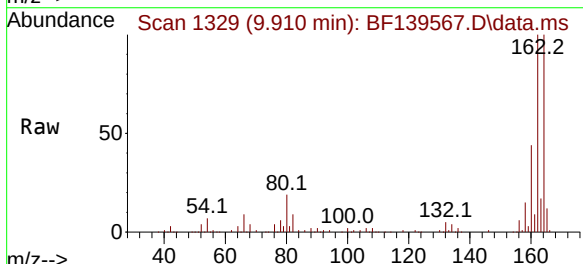
Instrument :
 BNA_F
 ClientSampleId :
 TP4-WC-1

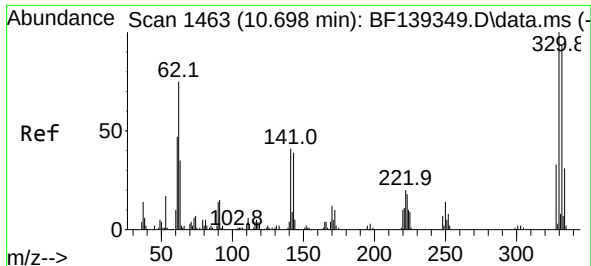
Tgt Ion: 82 Resp: 284793
 Ion Ratio Lower Upper
 82 100
 128 40.6 31.8 47.6
 54 61.7 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF139567.D
 Acq: 27 Sep 2024 01:14

Tgt Ion:164 Resp: 131428
 Ion Ratio Lower Upper
 164 100
 162 99.6 81.3 121.9
 160 44.4 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 73.985 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139567.D

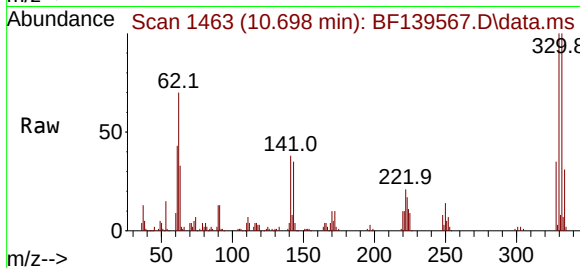
Acq: 27 Sep 2024 01:14

Instrument :

BNA_F

ClientSampleId :

TP4-WC-1



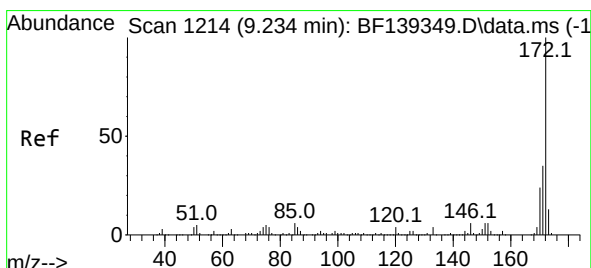
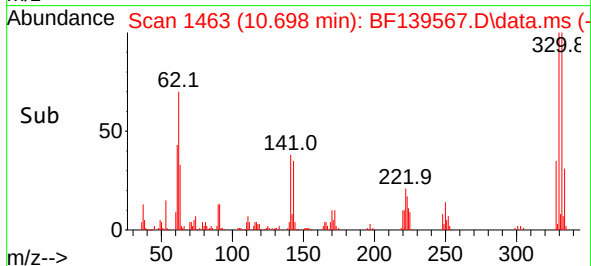
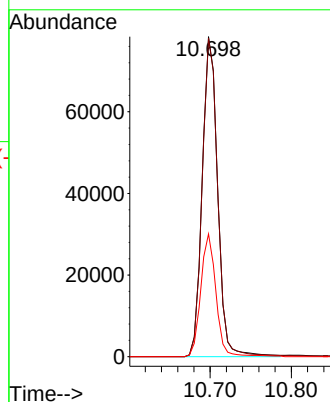
Tgt Ion:330 Resp: 103520

Ion Ratio Lower Upper

330 100

332 100.2 75.2 112.8

141 37.9 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 54.225 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF139567.D

Acq: 27 Sep 2024 01:14

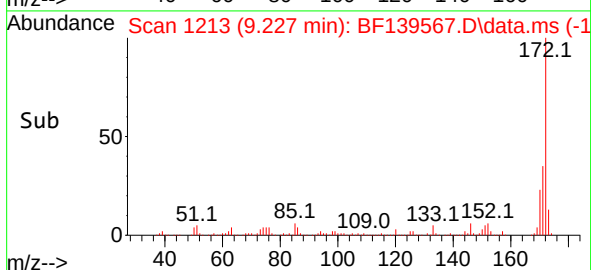
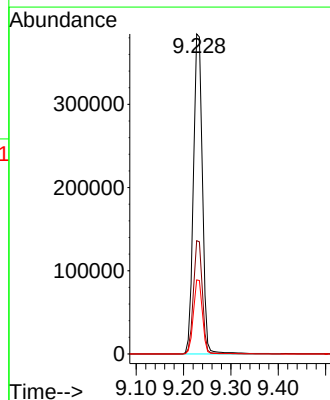
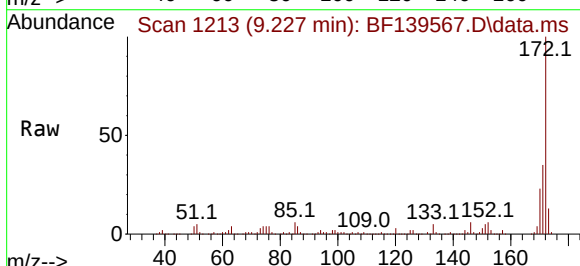
Tgt Ion:172 Resp: 508135

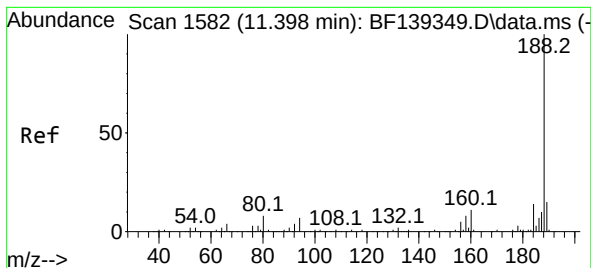
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.2 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139567.D

Acq: 27 Sep 2024 01:14

Instrument :

BNA_F

ClientSampleId :

TP4-WC-1

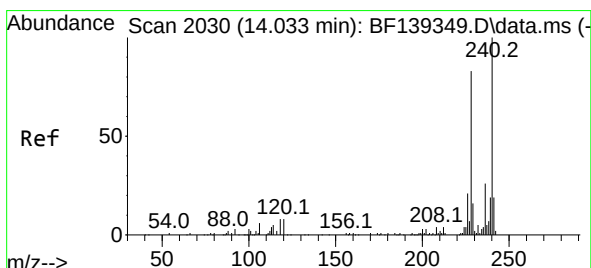
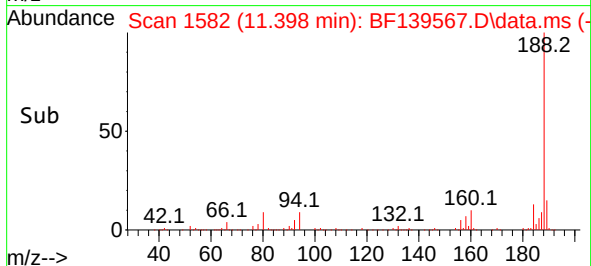
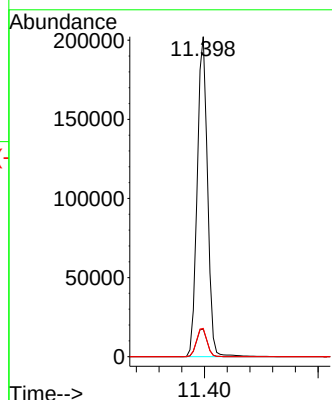
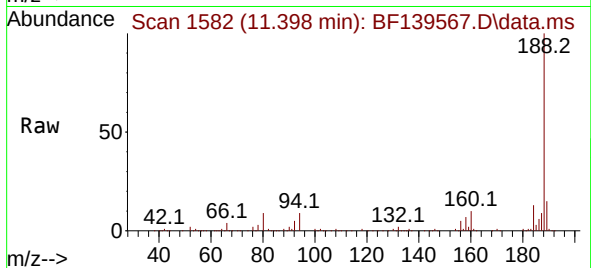
Tgt Ion:188 Resp: 256777

Ion Ratio Lower Upper

188 100

94 8.6 5.5 8.3#

80 8.8 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139567.D

Acq: 27 Sep 2024 01:14

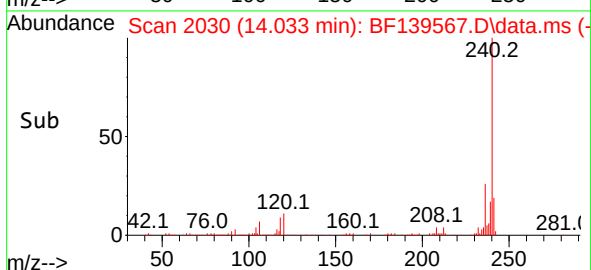
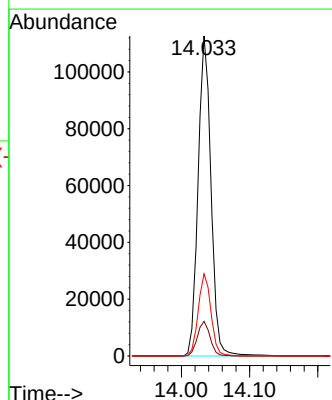
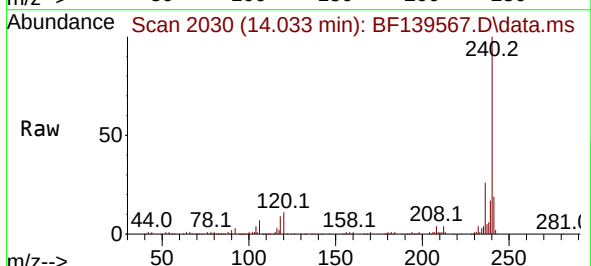
Tgt Ion:240 Resp: 147707

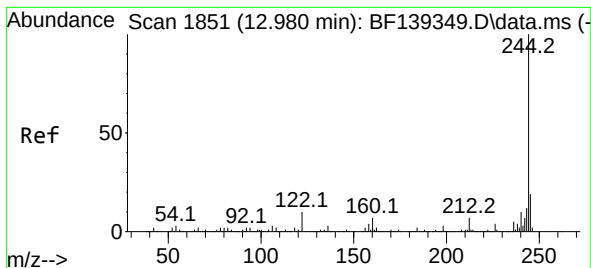
Ion Ratio Lower Upper

240 100

120 10.8 6.2 9.2#

236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 64.141 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139567.D

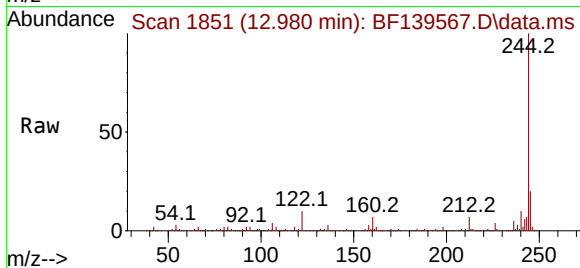
Acq: 27 Sep 2024 01:14

Instrument :

BNA_F

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TP4-WC-1



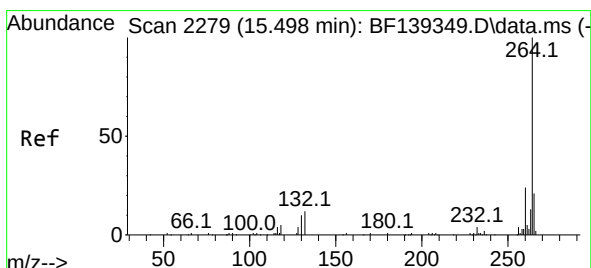
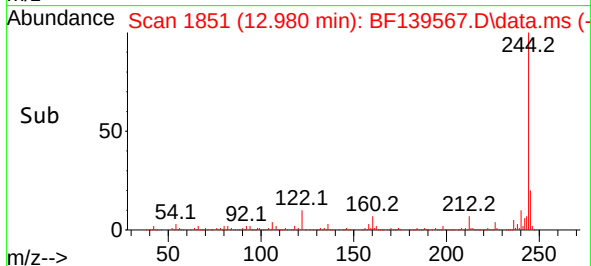
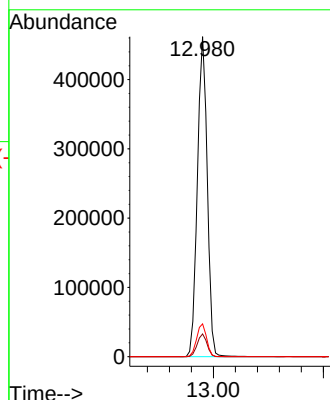
Tgt Ion:244 Resp: 577197

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.3 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF139567.D

Acq: 27 Sep 2024 01:14

Tgt Ion:264 Resp: 145098

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 21.5 16.6 25.0

