

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
Data File : BF139566.D
Acq On : 27 Sep 2024 00:45
Operator : RC/JU
Sample : P4198-26
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP5-WC-1

Quant Time: Sep 27 02:18:07 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	47656	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	176434	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	96030	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	179508	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	100370	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	102501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	425931	145.803	ng	0.00
7) Phenol-d6	6.504	99	571909	149.154	ng	0.00
23) Nitrobenzene-d5	7.434	82	351757	93.727	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	129115	126.292	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	598499	87.411	ng	0.00
79) Terphenyl-d14	12.980	244	629153	102.888	ng	0.00

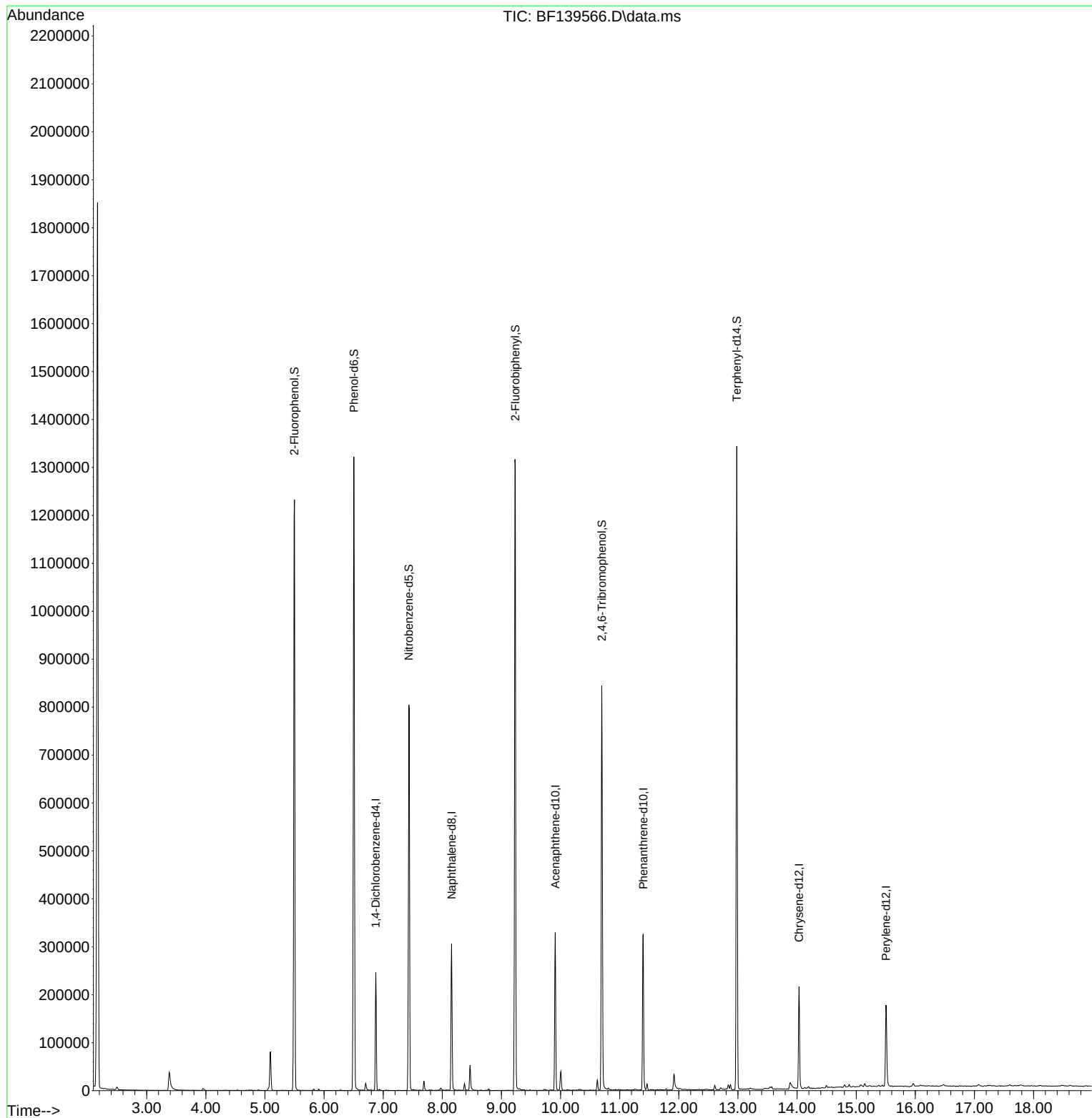
Target Compounds	Qvalue

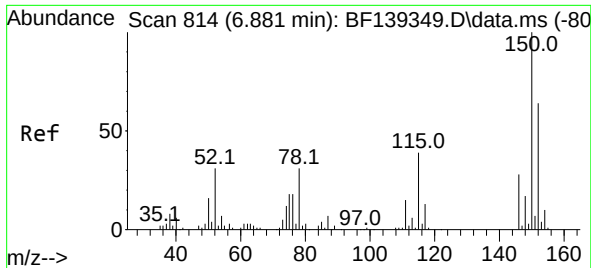
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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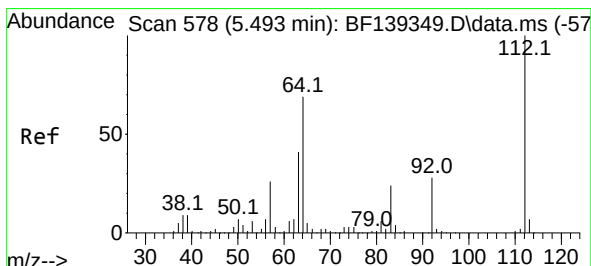
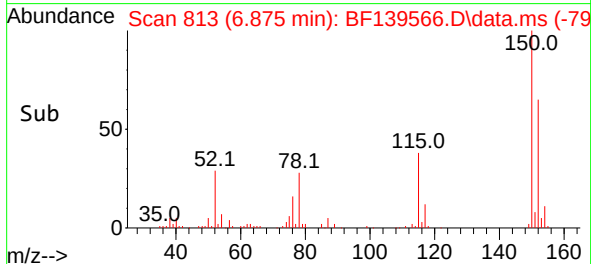
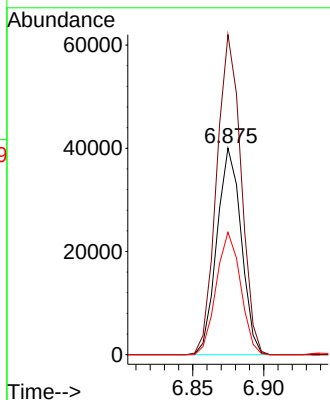
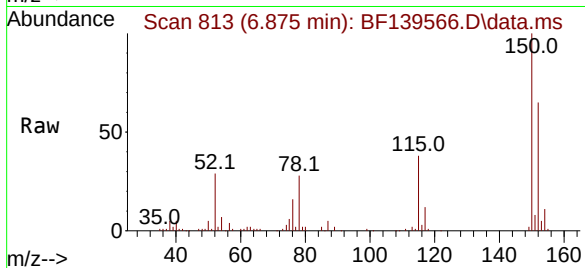




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139566.D
Acq: 27 Sep 2024 00:45

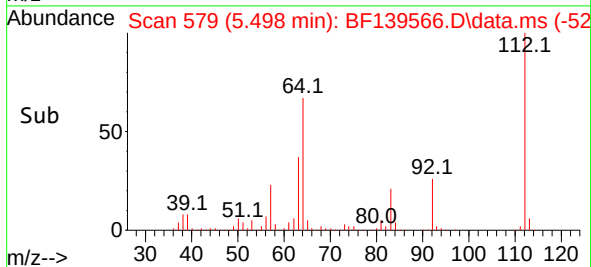
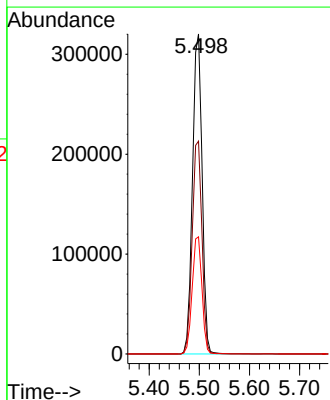
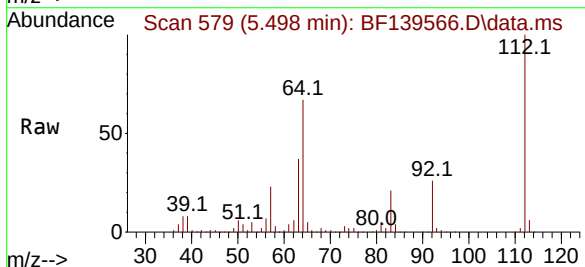
Instrument :
BNA_F
ClientSampleId :
TP5-WC-1

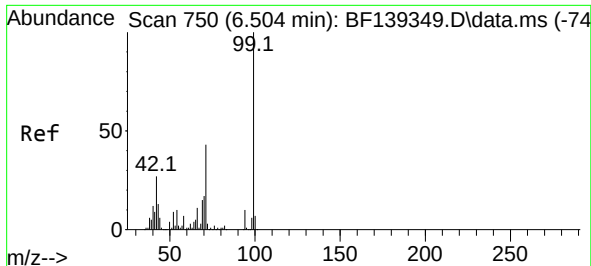
Tgt Ion:152 Resp: 47656
Ion Ratio Lower Upper
152 100
150 154.9 124.1 186.1
115 59.3 48.1 72.1



#5
2-Fluorophenol
Concen: 145.803 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139566.D
Acq: 27 Sep 2024 00:45

Tgt Ion:112 Resp: 425931
Ion Ratio Lower Upper
112 100
64 66.5 54.8 82.2
63 36.6 33.0 49.4





#7
Phenol-d6
Concen: 149.154 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139566.D
Acq: 27 Sep 2024 00:45

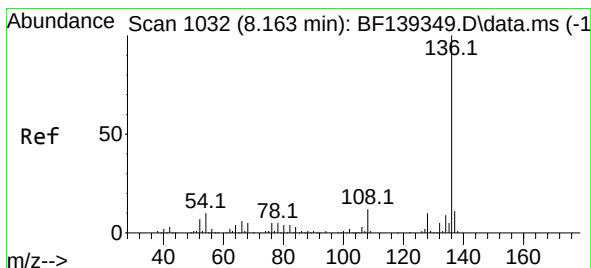
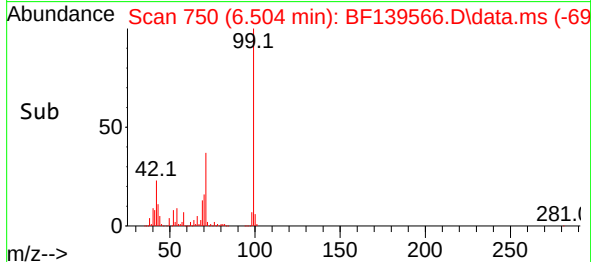
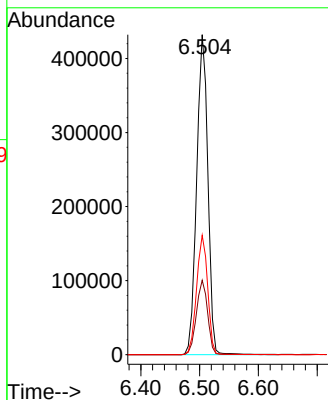
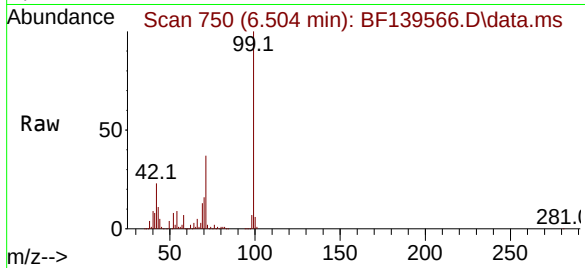
Instrument :

BNA_F

ClientSampleId :

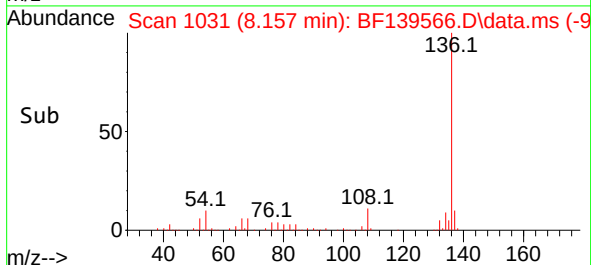
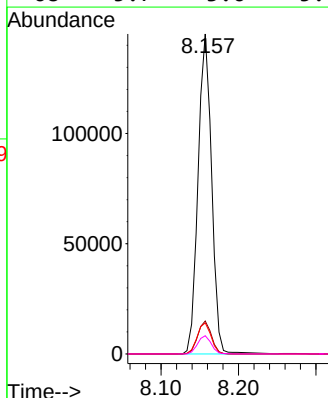
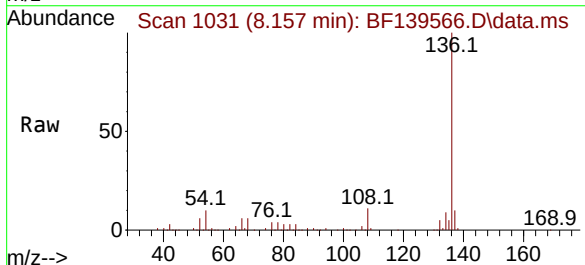
TP5-WC-1

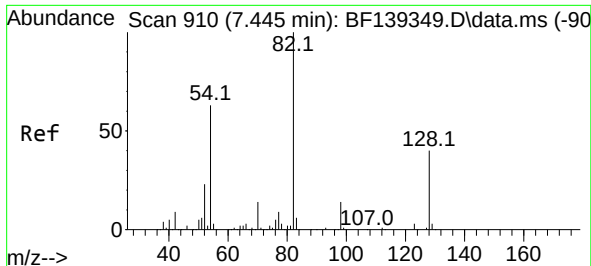
Tgt Ion: 99 Resp: 571909
Ion Ratio Lower Upper
99 100
42 23.3 21.9 32.9
71 37.3 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139566.D
Acq: 27 Sep 2024 00:45

Tgt Ion:136 Resp: 176434
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 9.7 7.8 11.8
68 5.7 3.6 5.4

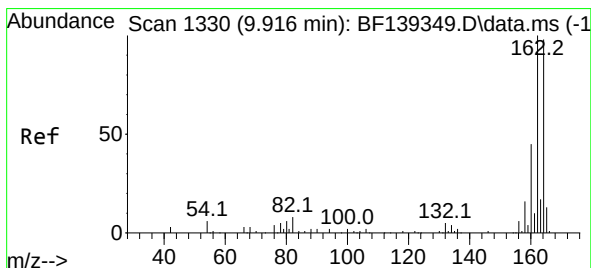
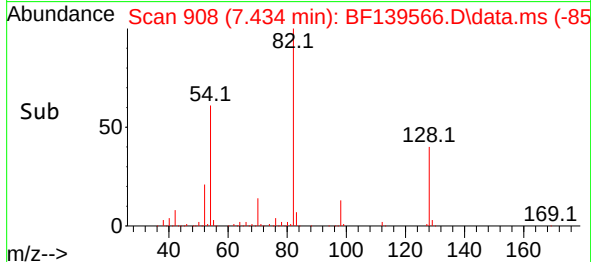
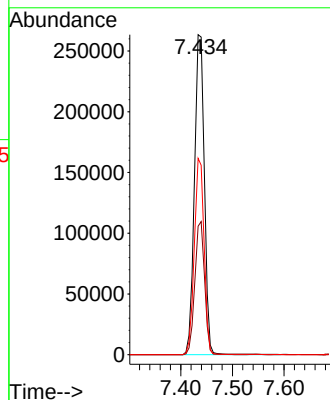
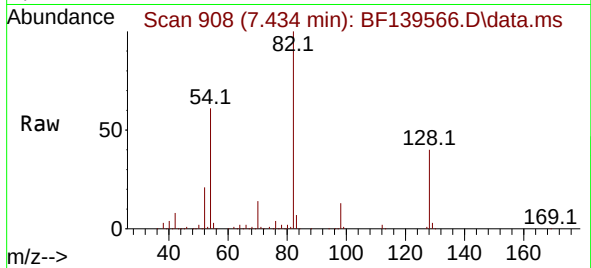




#23
Nitrobenzene-d5
Concen: 93.727 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF139566.D
Acq: 27 Sep 2024 00:45

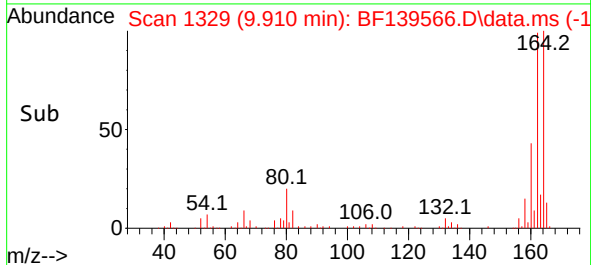
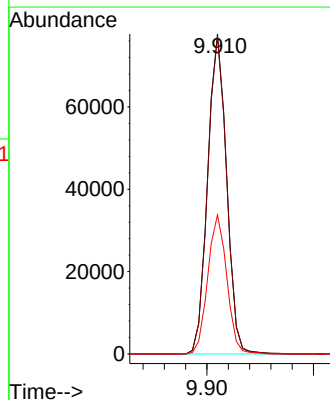
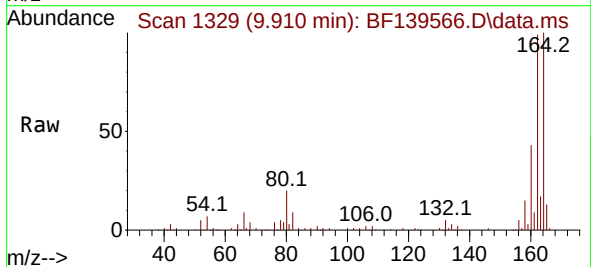
Instrument :
BNA_F
ClientSampleId :
TP5-WC-1

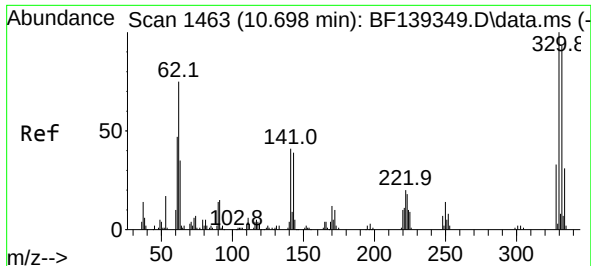
Tgt Ion: 82 Resp: 351757
Ion Ratio Lower Upper
82 100
128 40.2 31.8 47.6
54 61.4 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139566.D
Acq: 27 Sep 2024 00:45

Tgt Ion:164 Resp: 96030
Ion Ratio Lower Upper
164 100
162 99.2 81.3 121.9
160 43.5 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 126.292 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139566.D

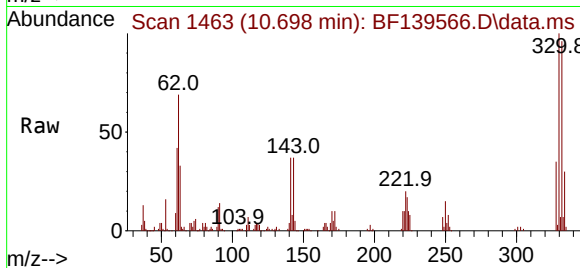
Acq: 27 Sep 2024 00:45

Instrument :

BNA_F

ClientSampleId :

TP5-WC-1



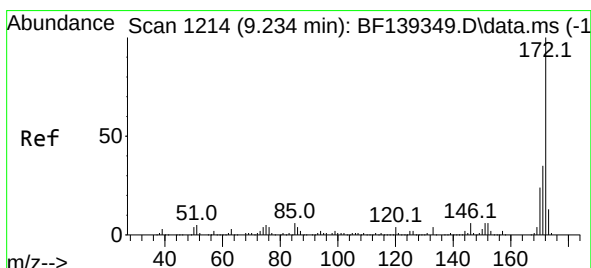
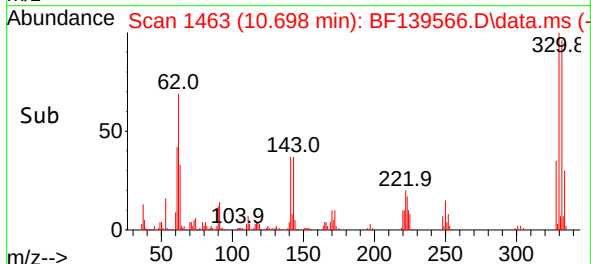
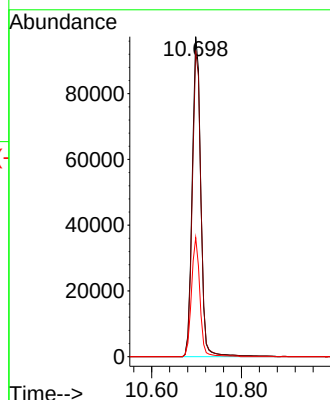
Tgt Ion:330 Resp: 129115

Ion Ratio Lower Upper

330 100

332 96.0 75.2 112.8

141 36.5 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 87.411 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139566.D

Acq: 27 Sep 2024 00:45

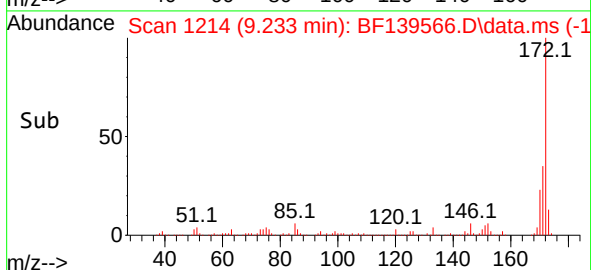
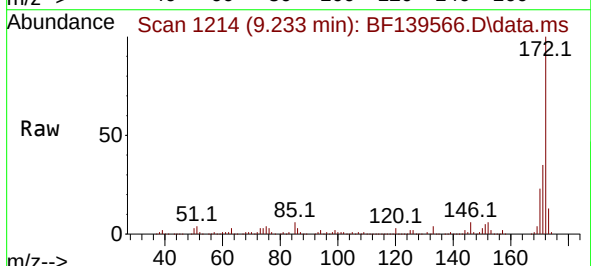
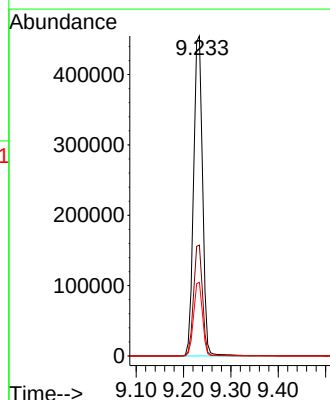
Tgt Ion:172 Resp: 598499

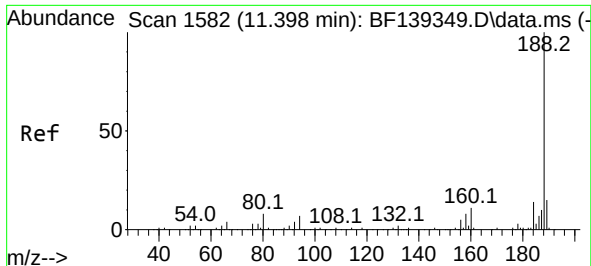
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.0 19.0 28.6

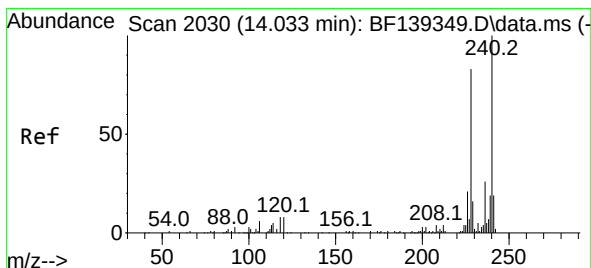
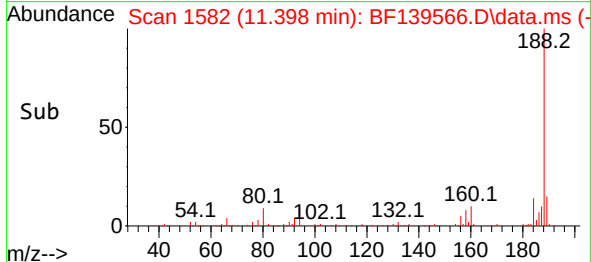
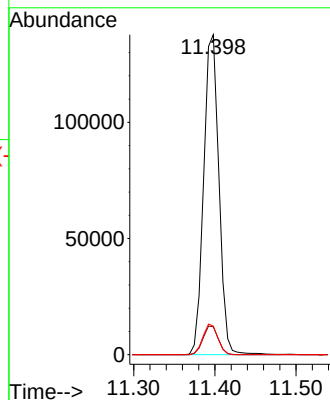
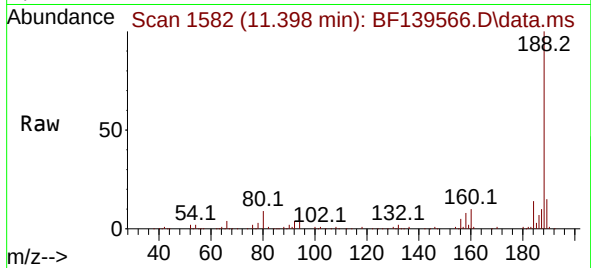




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139566.D
Acq: 27 Sep 2024 00:45

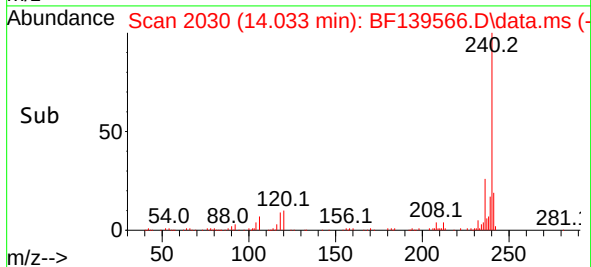
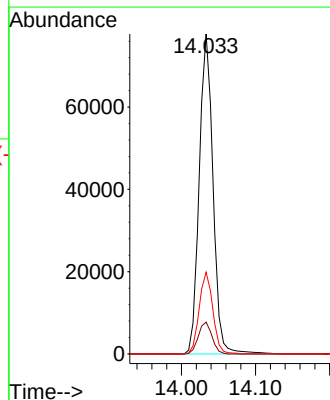
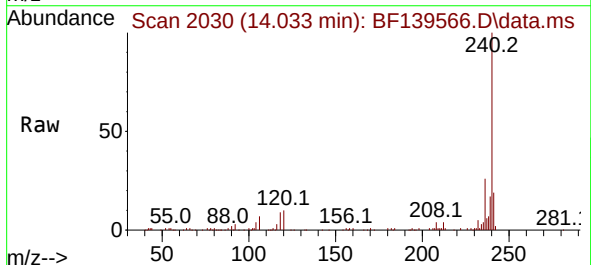
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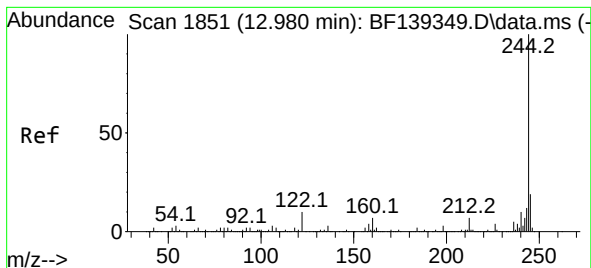
Tgt Ion:188 Resp: 179508
Ion Ratio Lower Upper
188 100
94 8.7 5.5 8.3#
80 9.0 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139566.D
Acq: 27 Sep 2024 00:45

Tgt Ion:240 Resp: 100370
Ion Ratio Lower Upper
240 100
120 10.0 6.2 9.2#
236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 102.888 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139566.D

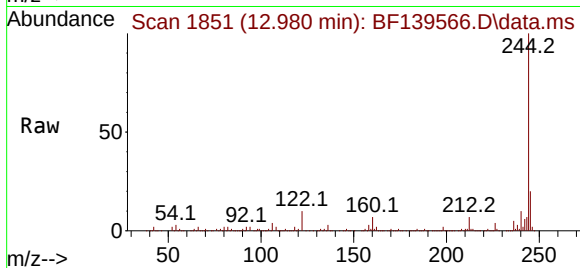
Acq: 27 Sep 2024 00:45

Instrument :

BNA_F

ClientSampleId :

TP5-WC-1



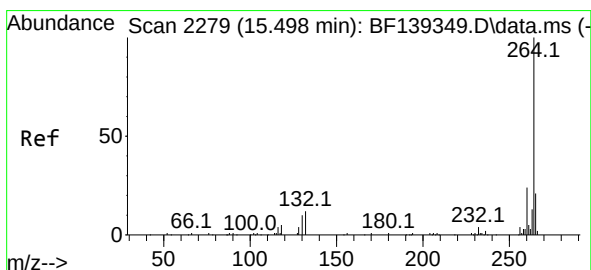
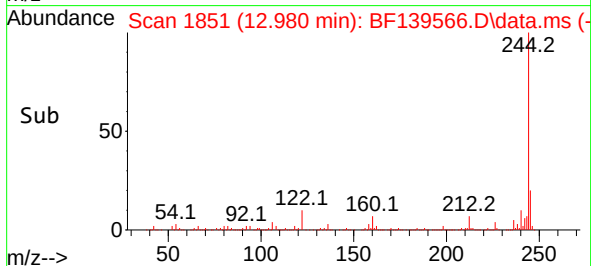
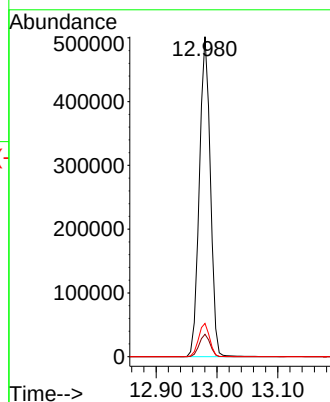
Tgt Ion:244 Resp: 629153

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 10.4 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: BF139566.D

Acq: 27 Sep 2024 00:45

Tgt Ion:264 Resp: 102501

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.7 16.6 25.0

