

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139475.D
 Acq On : 19 Sep 2024 20:47
 Operator : RC/JU
 Sample : P4097-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT2299

Quant Time: Sep 20 01:39:26 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	82880	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	283304	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	43757	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	111660	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	10609	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	201	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	647856	127.519	ng	0.03
7) Phenol-d6	6.510	99	320792	48.106	ng	0.00
23) Nitrobenzene-d5	7.439	82	609375	101.120	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	211480	453.970	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1091654	349.902	ng	0.00
79) Terphenyl-d14	12.980	244	320874	496.446	ng	0.00

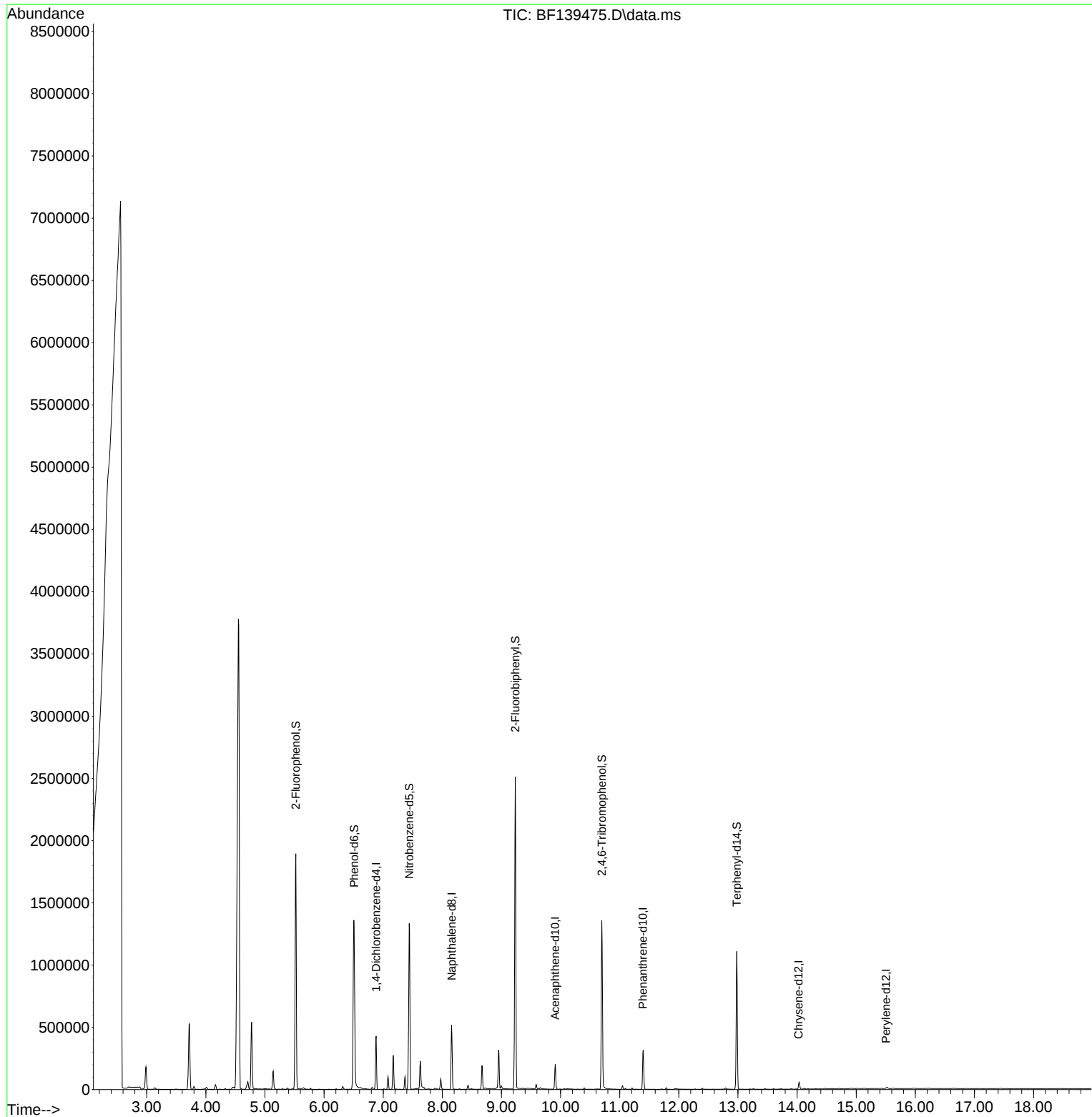
Target Compounds	Qvalue

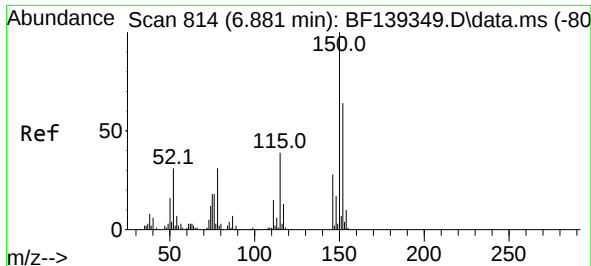
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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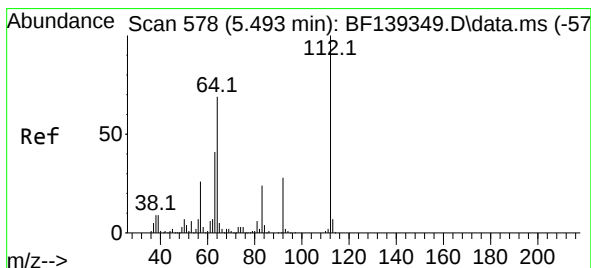
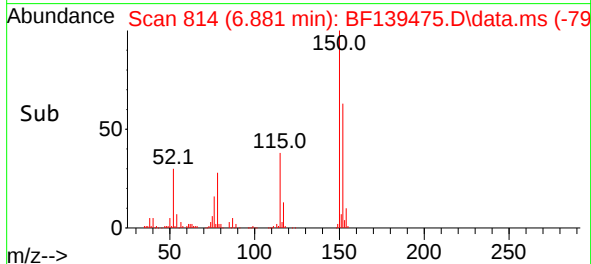
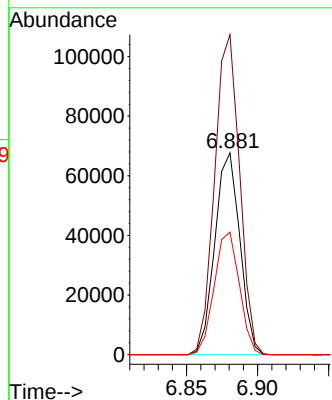
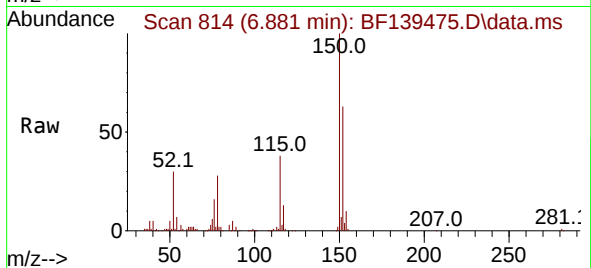




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139475.D
Acq: 19 Sep 2024 20:47

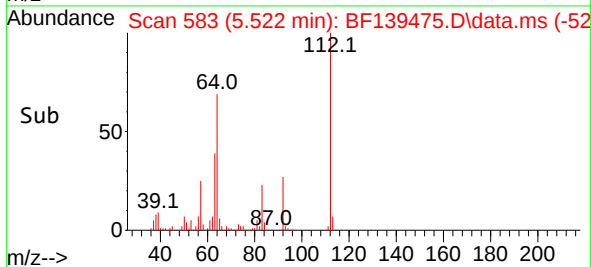
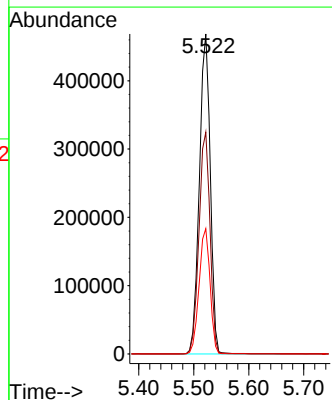
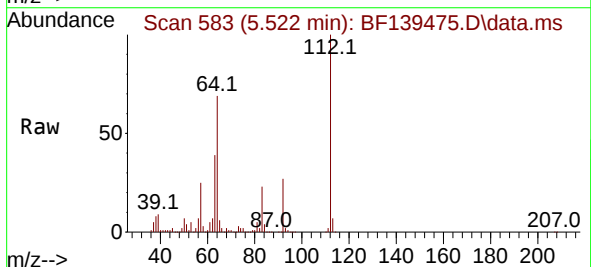
Instrument :
BNA_F
ClientSampleId :
RT2299

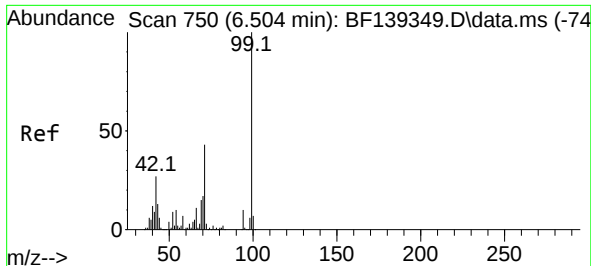
Tgt Ion:152 Resp: 82880
Ion Ratio Lower Upper
152 100
150 158.6 124.1 186.1
115 60.7 48.1 72.1



#5
2-Fluorophenol
Concen: 127.519 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.029 min
Lab File: BF139475.D
Acq: 19 Sep 2024 20:47

Tgt Ion:112 Resp: 647856
Ion Ratio Lower Upper
112 100
64 69.3 54.8 82.2
63 39.2 33.0 49.4





#7
Phenol-d6
Concen: 48.106 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139475.D
Acq: 19 Sep 2024 20:47

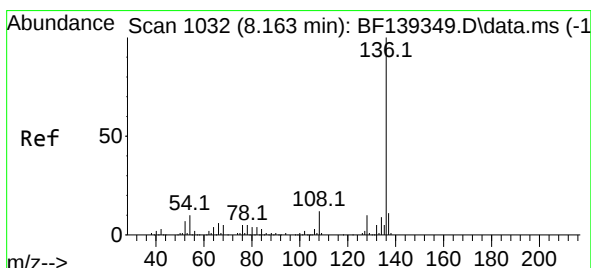
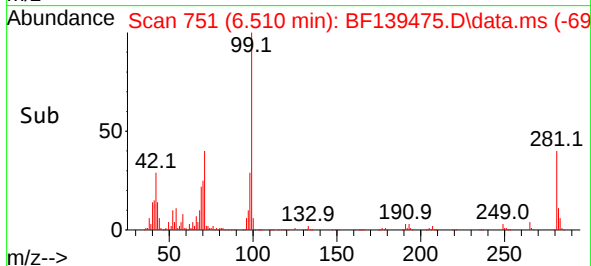
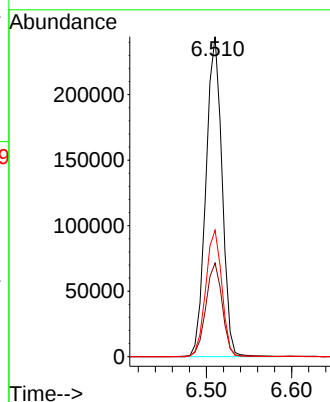
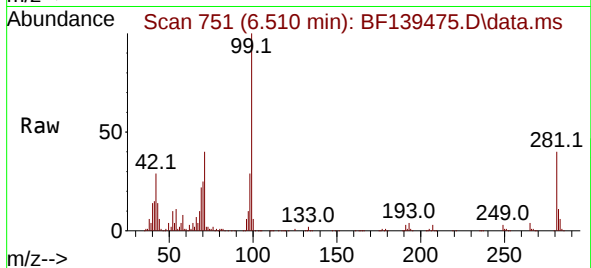
Instrument :

BNA_F

ClientSampleId :

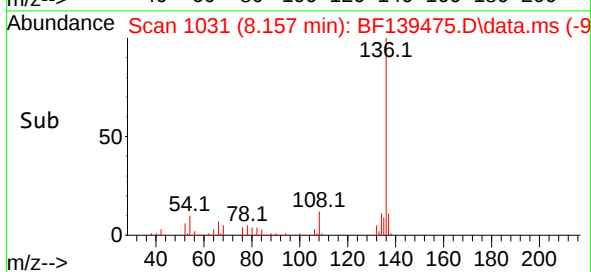
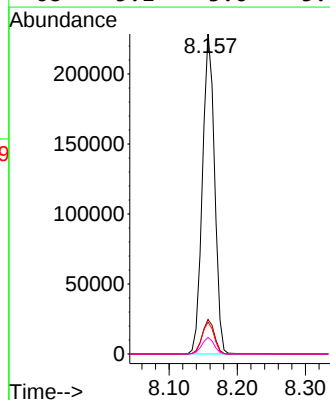
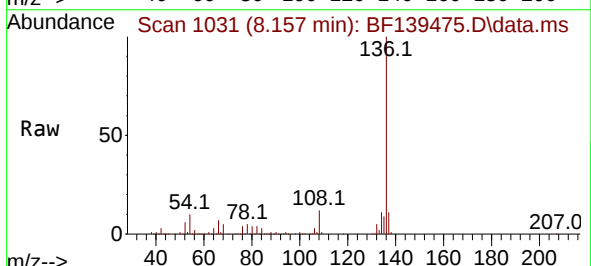
RT2299

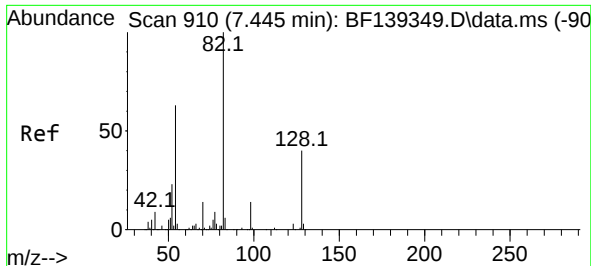
Tgt Ion: 99 Resp: 320792
Ion Ratio Lower Upper
99 100
42 29.3 21.9 32.9
71 39.5 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139475.D
Acq: 19 Sep 2024 20:47

Tgt Ion:136 Resp: 283304
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.9 7.8 11.8
68 5.1 3.6 5.4





#23

Nitrobenzene-d5

Concen: 101.120 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139475.D

Acq: 19 Sep 2024 20:47

Instrument :

BNA_F

ClientSampleId :

RT2299

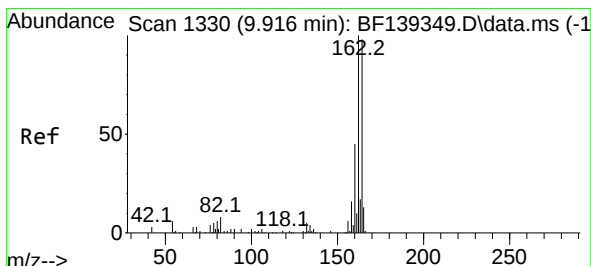
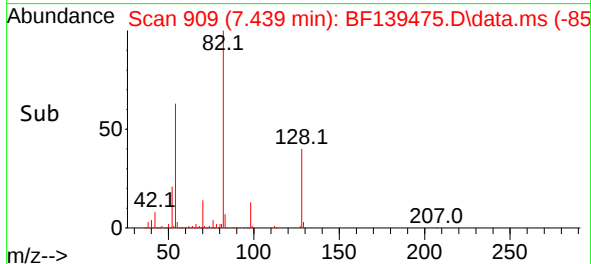
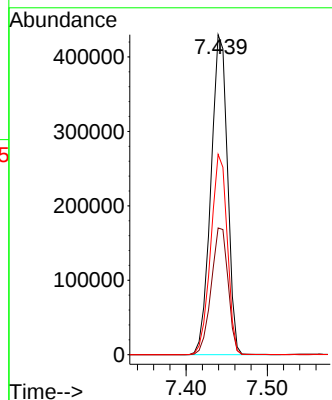
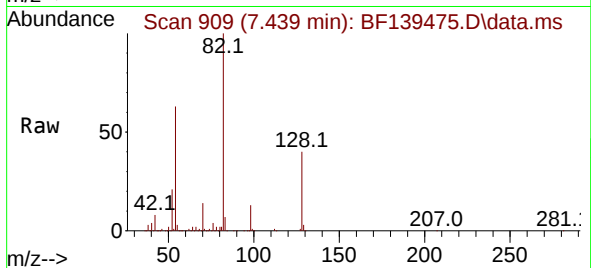
Tgt Ion: 82 Resp: 609375

Ion Ratio Lower Upper

82 100

128 39.6 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: BF139475.D

Acq: 19 Sep 2024 20:47

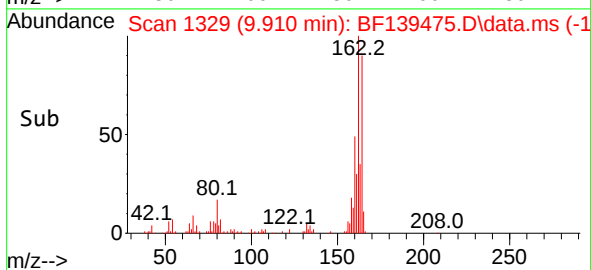
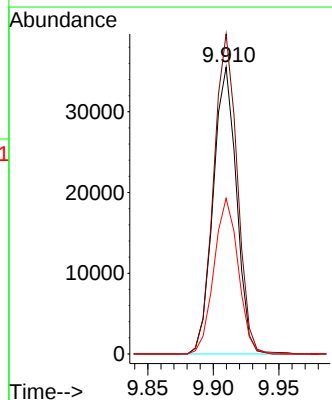
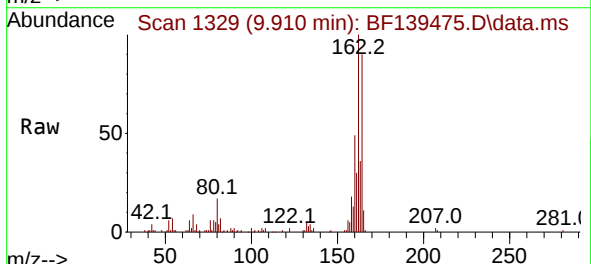
Tgt Ion:164 Resp: 43757

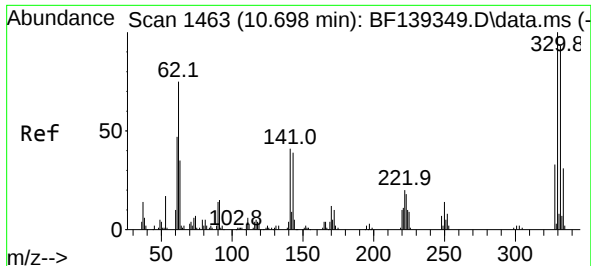
Ion Ratio Lower Upper

164 100

162 111.5 81.3 121.9

160 54.2 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 453.970 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139475.D

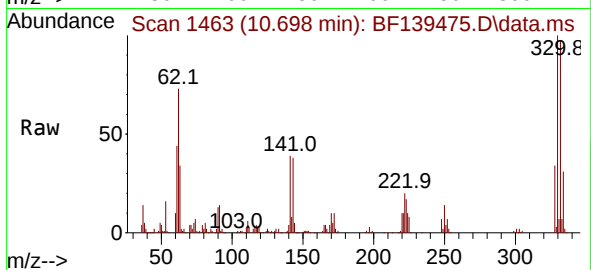
Acq: 19 Sep 2024 20:47

Instrument :

BNA_F

ClientSampleId :

RT2299



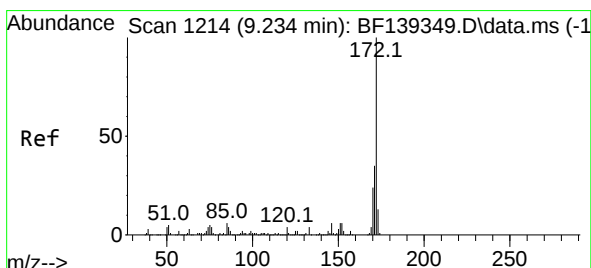
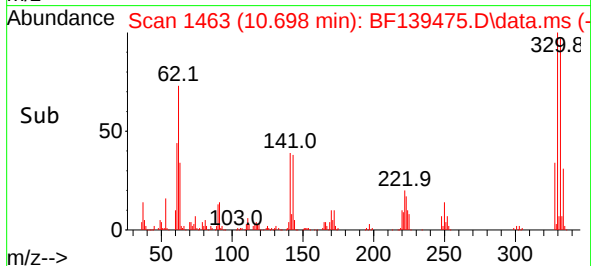
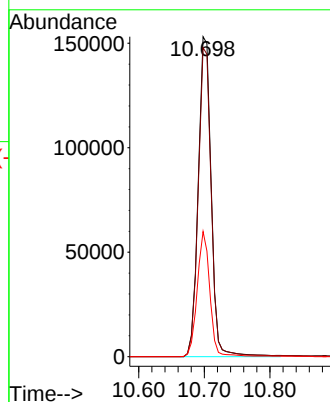
Tgt Ion:330 Resp: 211480

Ion Ratio Lower Upper

330 100

332 97.6 75.2 112.8

141 38.1 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 349.902 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139475.D

Acq: 19 Sep 2024 20:47

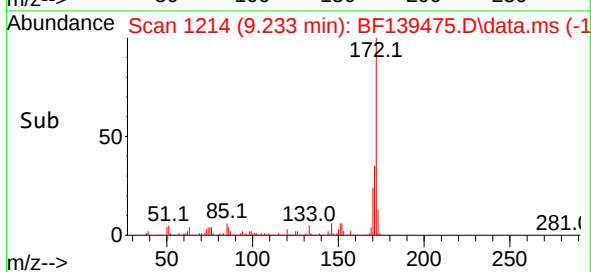
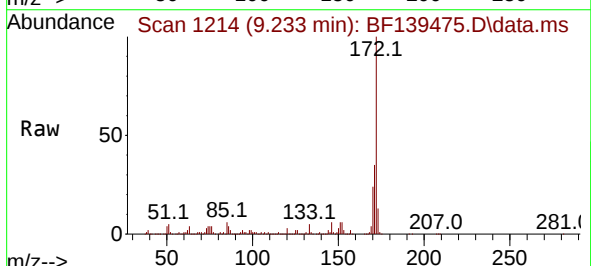
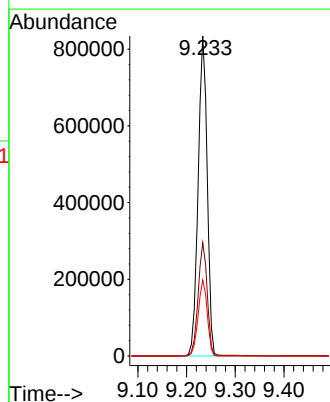
Tgt Ion:172 Resp: 1091654

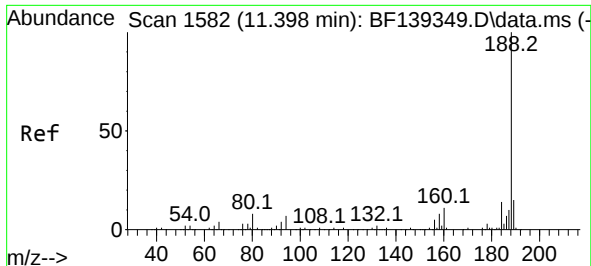
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.8 19.0 28.6

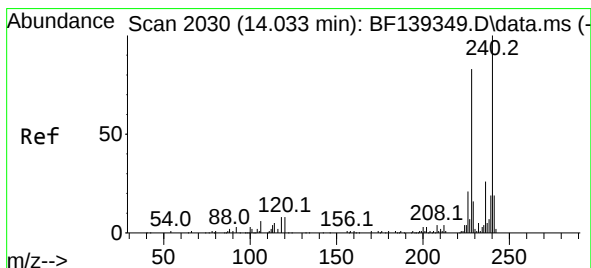
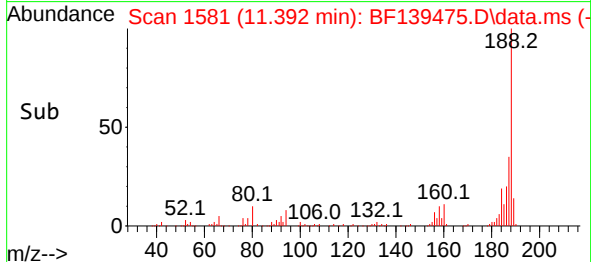
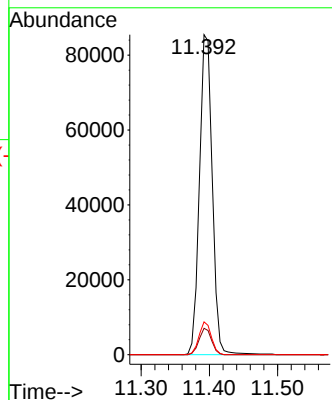
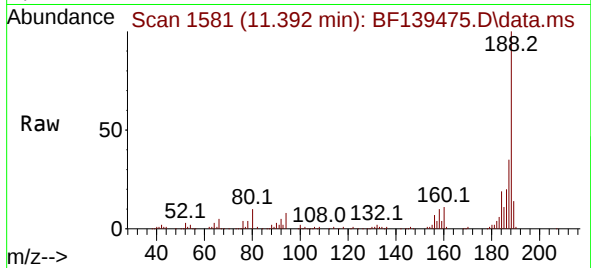




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 111660
Delta R.T. -0.006 min
Lab File: BF139475.D
Acq: 19 Sep 2024 20:47

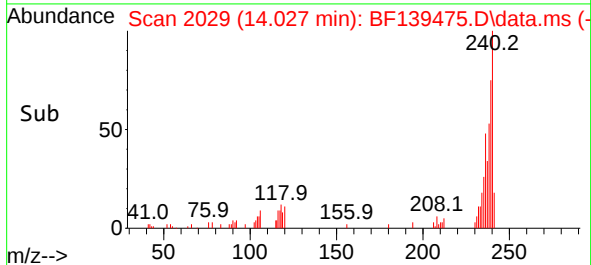
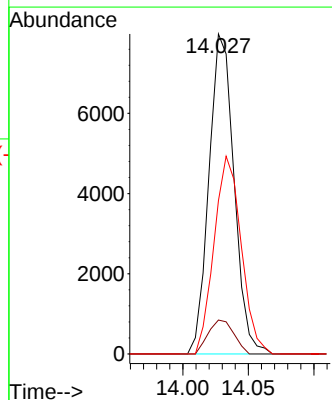
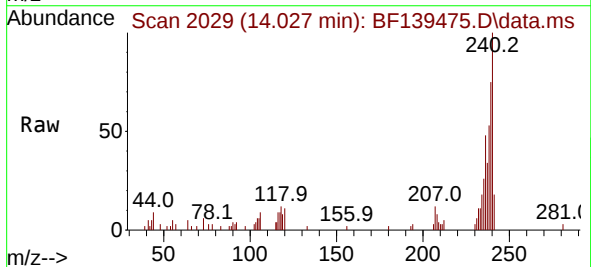
Instrument :
BNA_F
ClientSampleId :
RT2299

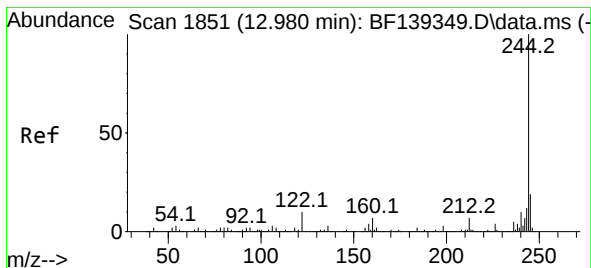
Tgt Ion:188 Resp: 111660
Ion Ratio Lower Upper
188 100
94 8.3 5.5 8.3
80 10.3 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139475.D
Acq: 19 Sep 2024 20:47

Tgt Ion:240 Resp: 10609
Ion Ratio Lower Upper
240 100
120 10.6 6.2 9.2#
236 47.9 20.9 31.3#





#79

Terphenyl-d14

Concen: 496.446 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139475.D

Acq: 19 Sep 2024 20:47

Instrument :

BNA_F

ClientSampleId :

RT2299

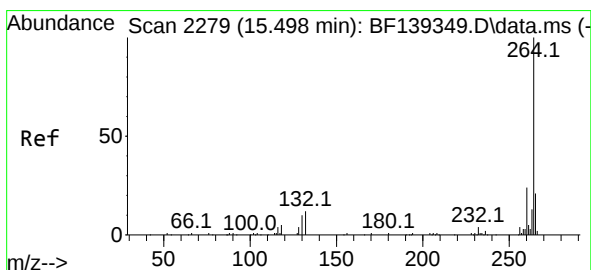
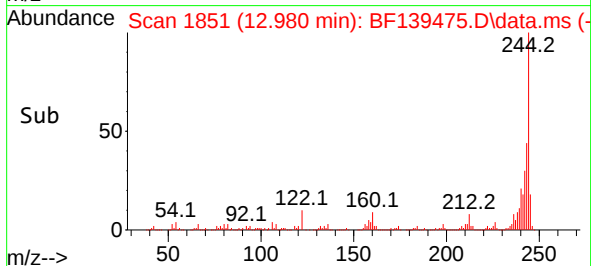
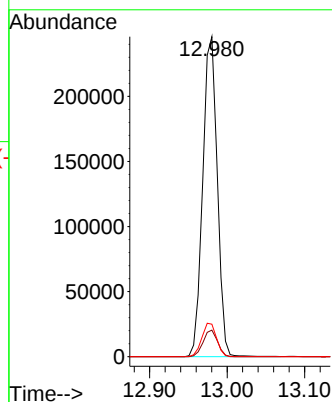
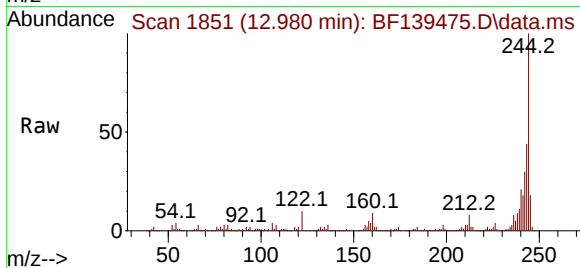
Tgt Ion:244 Resp: 320874

Ion Ratio Lower Upper

244 100

212 8.3 6.0 9.0

122 10.2 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: BF139475.D

Acq: 19 Sep 2024 20:47

Tgt Ion:264 Resp: 201

Ion Ratio Lower Upper

264 100

260 139.3 19.5 29.3#

265 0.0 16.6 25.0#

