

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139435.D
 Acq On : 18 Sep 2024 19:47
 Operator : RC/JU
 Sample : P4015-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-1-TANK17

Quant Time: Sep 19 01:29:06 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	57617	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	219244	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	115847	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	188288	20.000	ng	0.00
76) Chrysene-d12	14.027	240	103467	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	114840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	328412	92.985	ng	0.00
7) Phenol-d6	6.504	99	430852	92.940	ng	0.00
23) Nitrobenzene-d5	7.439	82	288101	61.776	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	95231	77.214	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	505708	61.224	ng	0.00
79) Terphenyl-d14	12.974	244	332447	52.739	ng	0.00

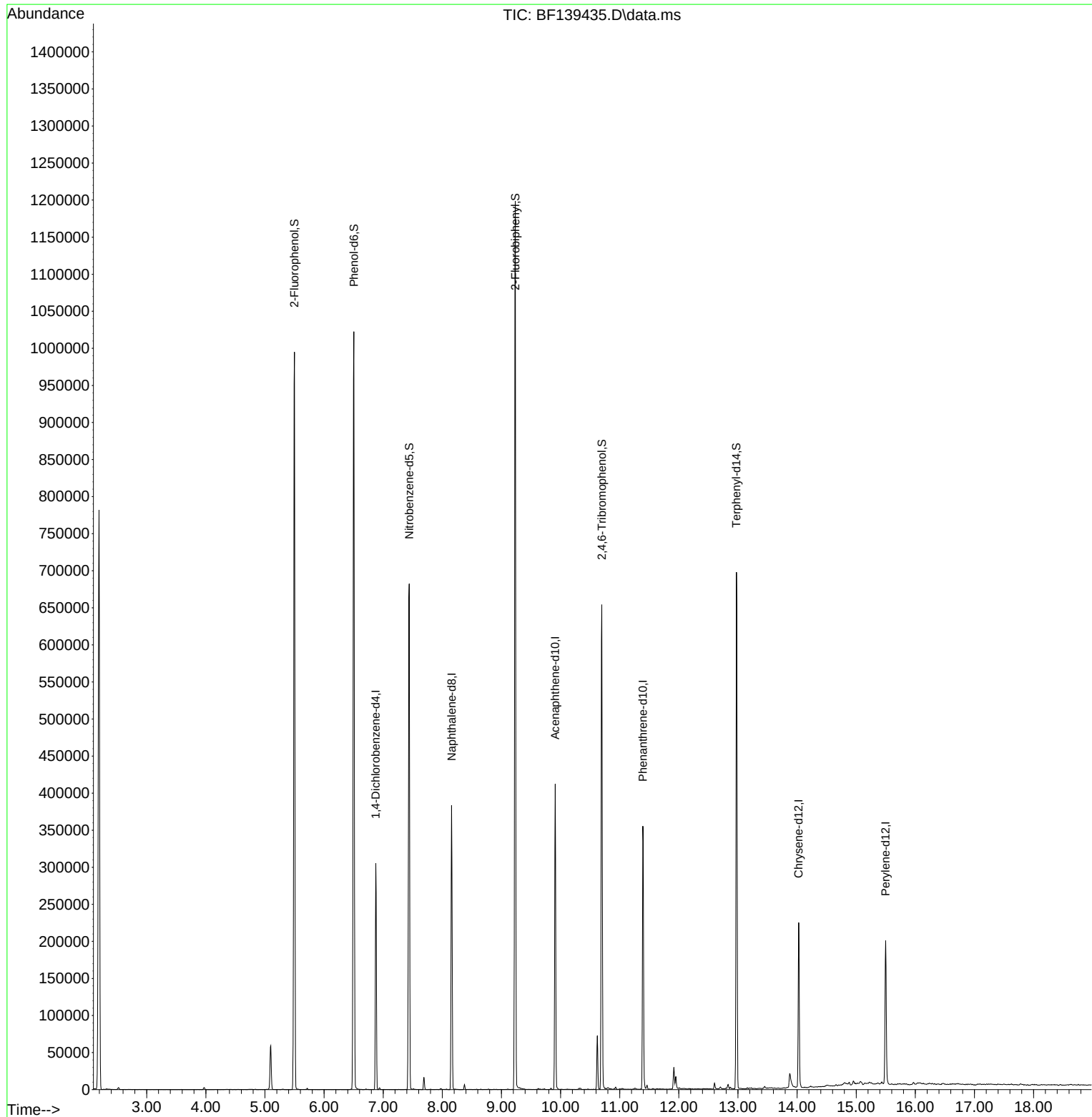
Target Compounds	Qvalue

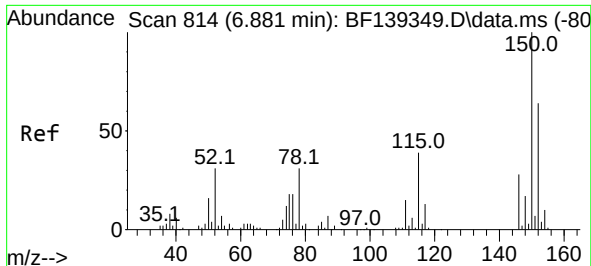
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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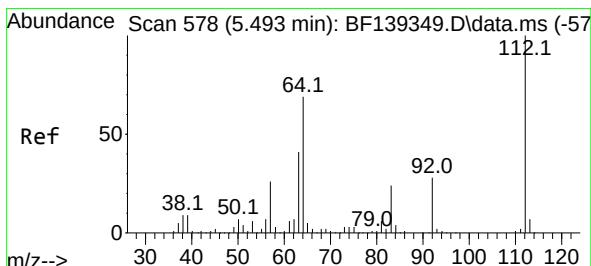
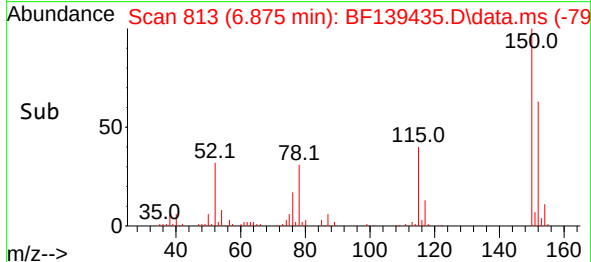
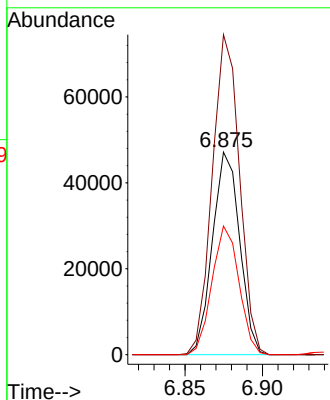
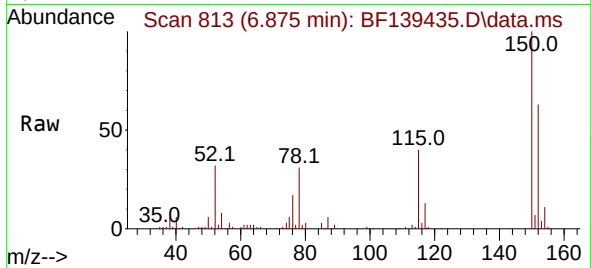




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139435.D
Acq: 18 Sep 2024 19:47

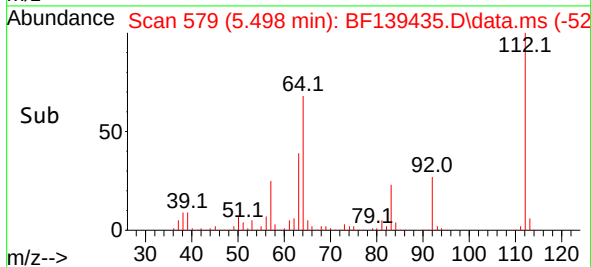
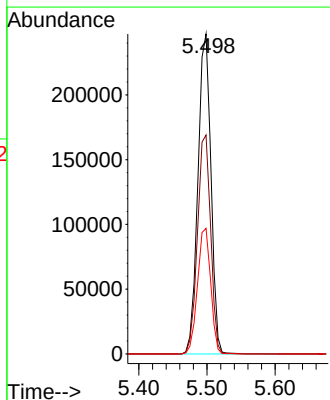
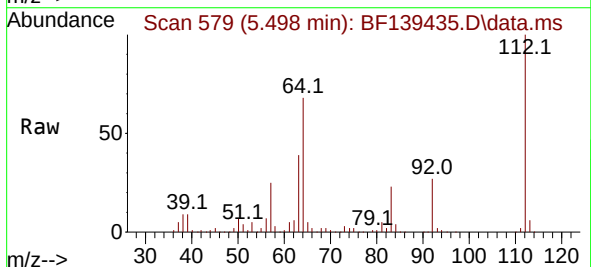
Instrument :
BNA_F
ClientSampleId :
CHA-1-TANK17

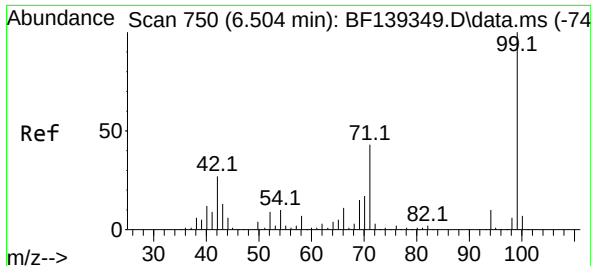
Tgt Ion:152 Resp: 57617
Ion Ratio Lower Upper
152 100
150 157.9 124.1 186.1
115 63.5 48.1 72.1



#5
2-Fluorophenol
Concen: 92.985 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139435.D
Acq: 18 Sep 2024 19:47

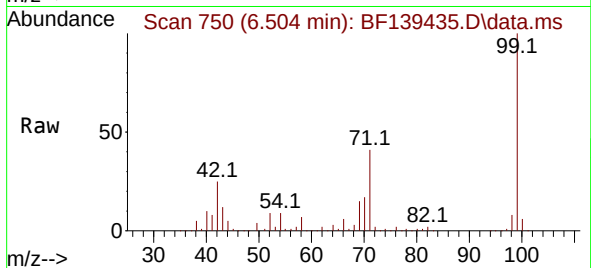
Tgt Ion:112 Resp: 328412
Ion Ratio Lower Upper
112 100
64 68.4 54.8 82.2
63 39.3 33.0 49.4



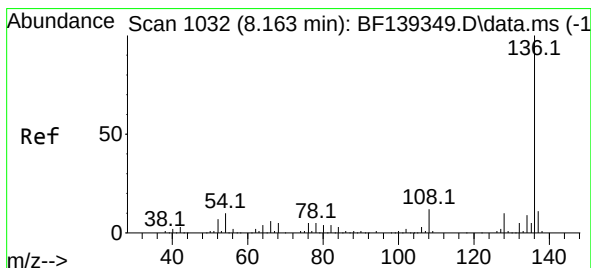
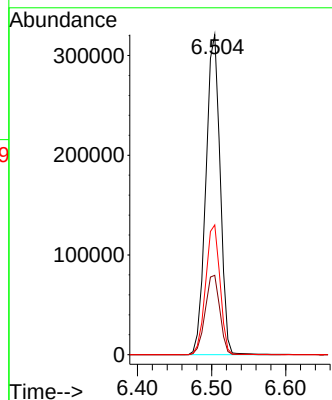
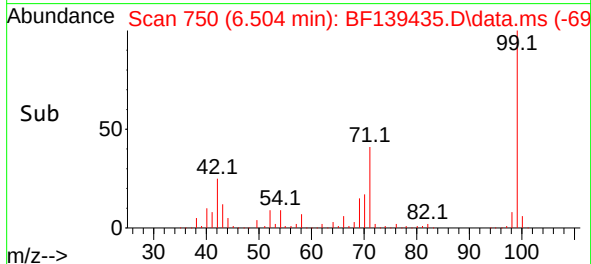


#7
Phenol-d6
Concen: 92.940 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139435.D
Acq: 18 Sep 2024 19:47

Instrument :
BNA_F
ClientSampleId :
CHA-1-TANK17

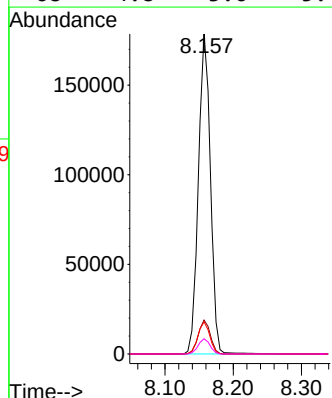
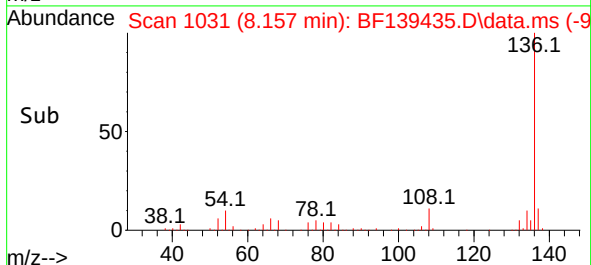
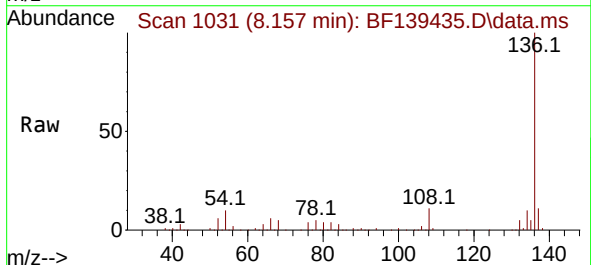


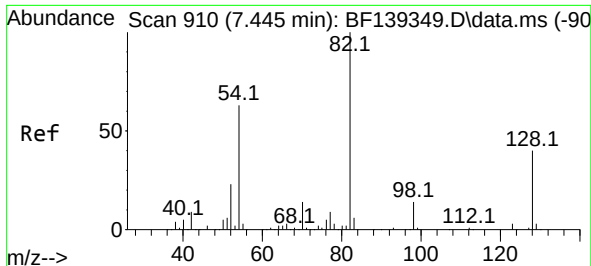
Tgt Ion: 99 Resp: 430852
Ion Ratio Lower Upper
99 100
42 24.8 21.9 32.9
71 40.6 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139435.D
Acq: 18 Sep 2024 19:47

Tgt Ion: 136 Resp: 219244
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 10.0 7.8 11.8
68 4.8 3.6 5.4





#23

Nitrobenzene-d5

Concen: 61.776 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139435.D

Acq: 18 Sep 2024 19:47

Instrument :

BNA_F

ClientSampleId :

CHA-1-TANK17

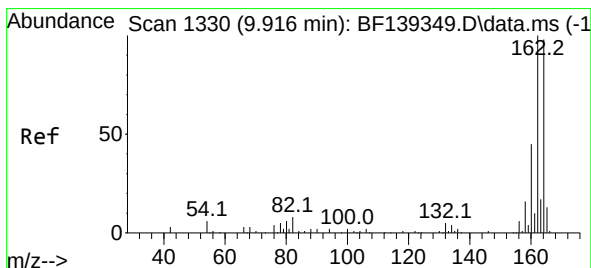
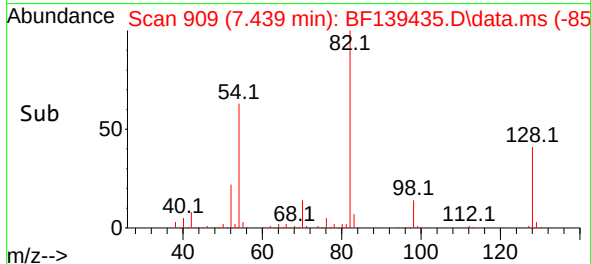
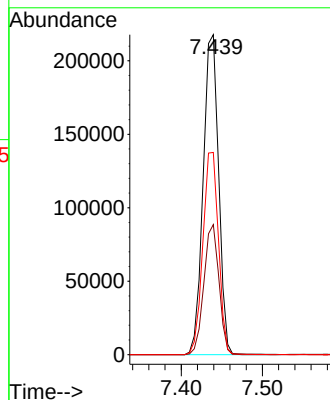
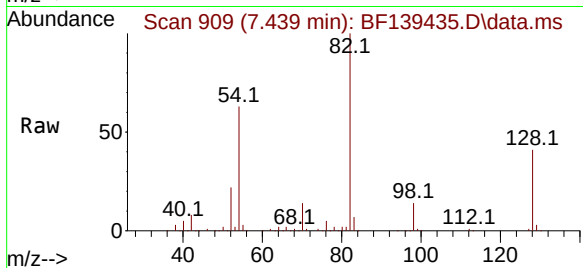
Tgt Ion: 82 Resp: 288101

Ion Ratio Lower Upper

82 100

128 40.6 31.8 47.6

54 63.2 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: BF139435.D

Acq: 18 Sep 2024 19:47

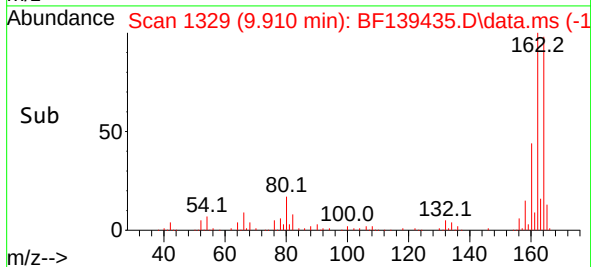
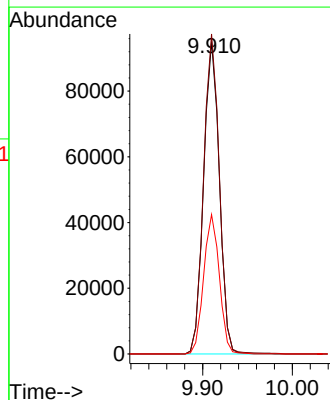
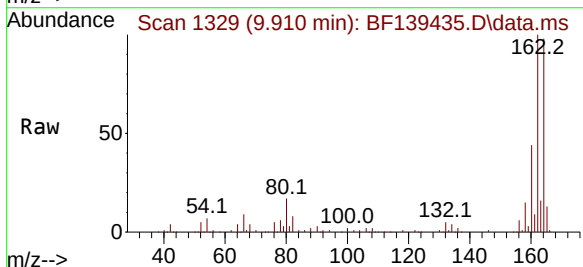
Tgt Ion:164 Resp: 115847

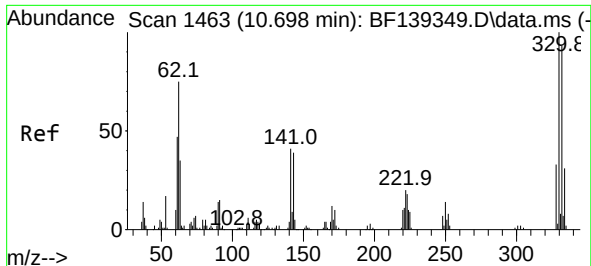
Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

160 44.6 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 77.214 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139435.D

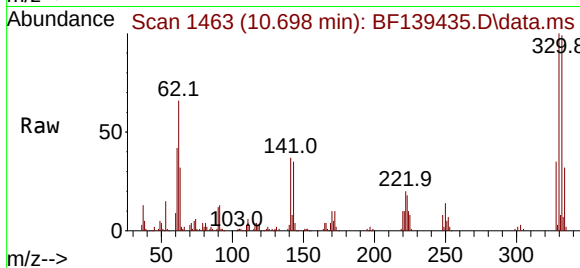
Acq: 18 Sep 2024 19:47

Instrument :

BNA_F

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CHA-1-TANK17



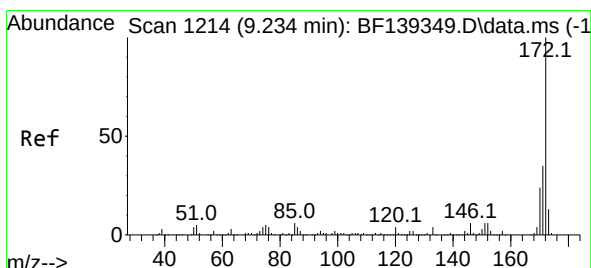
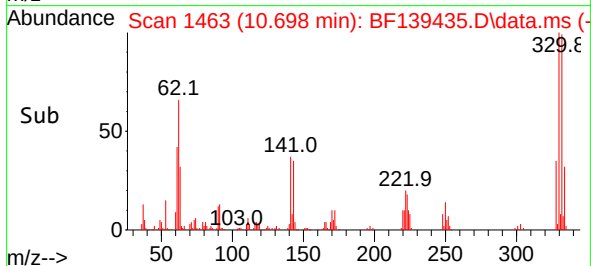
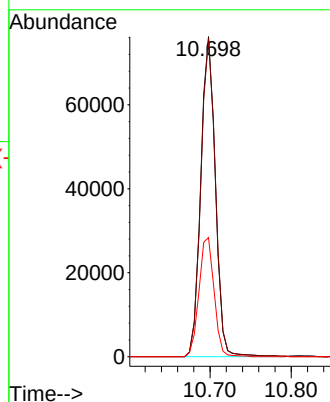
Tgt Ion:330 Resp: 95231

Ion Ratio Lower Upper

330 100

332 99.7 75.2 112.8

141 38.7 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 61.224 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139435.D

Acq: 18 Sep 2024 19:47

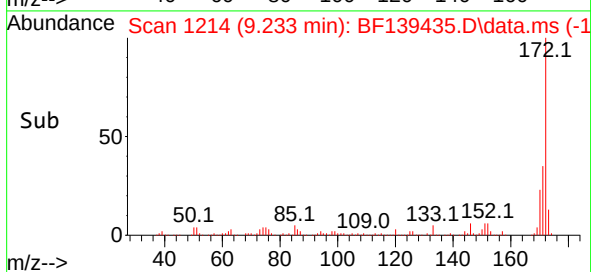
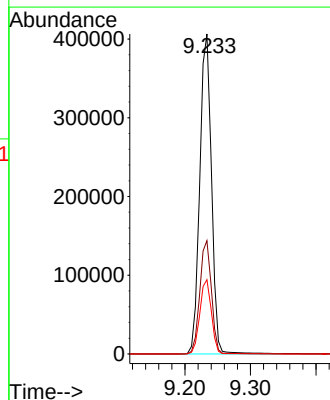
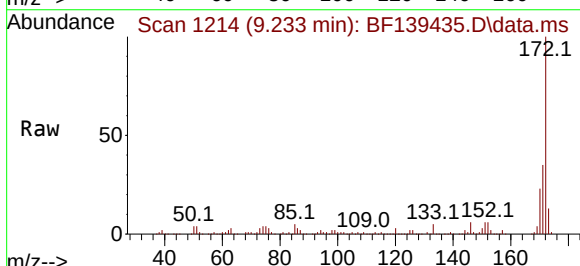
Tgt Ion:172 Resp: 505708

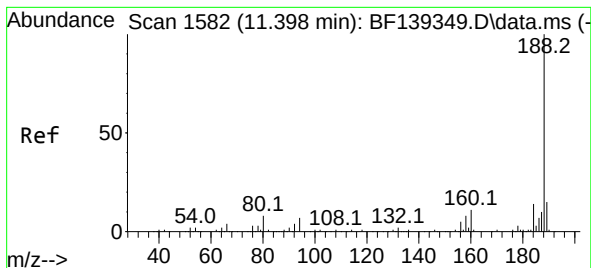
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.2 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139435.D

Acq: 18 Sep 2024 19:47

Instrument :

BNA_F

ClientSampleId :

CHA-1-TANK17

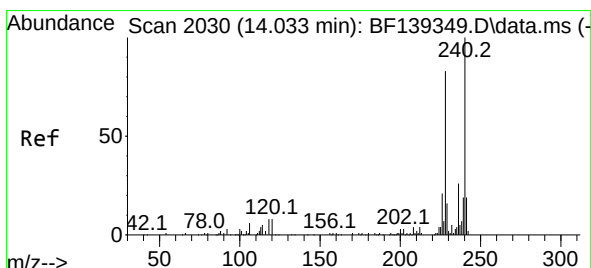
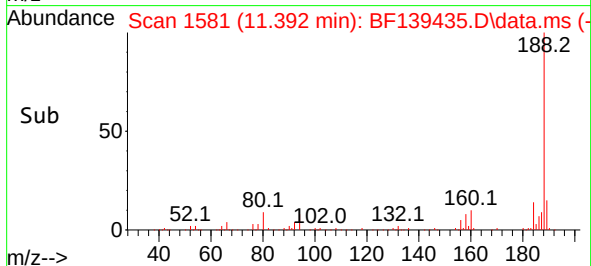
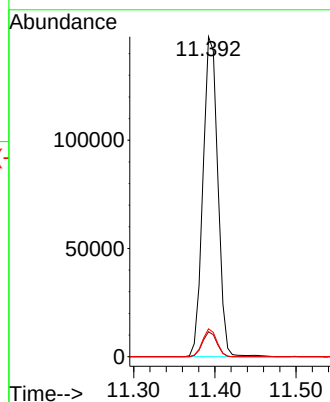
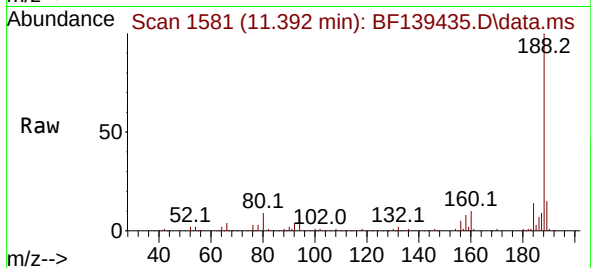
Tgt Ion:188 Resp: 188288

Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

80 8.7 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: BF139435.D

Acq: 18 Sep 2024 19:47

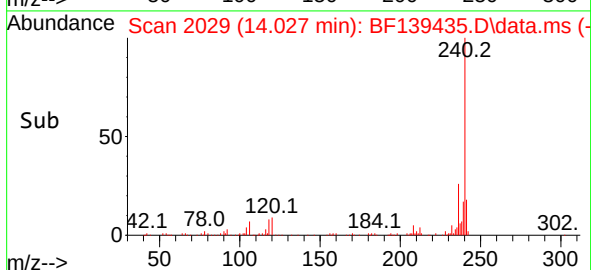
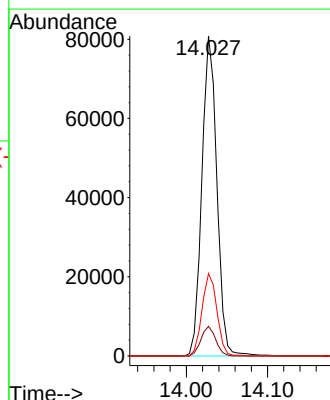
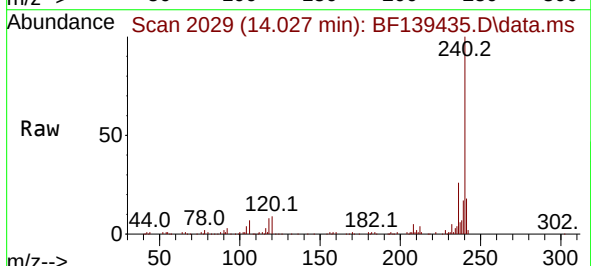
Tgt Ion:240 Resp: 103467

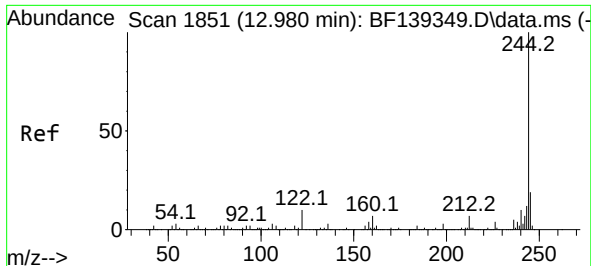
Ion Ratio Lower Upper

240 100

120 9.2 6.2 9.2#

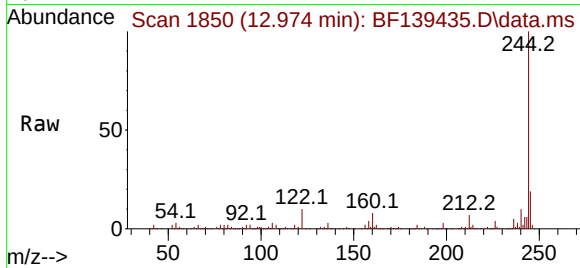
236 25.8 20.9 31.3



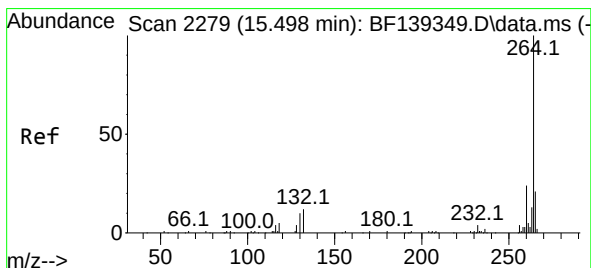
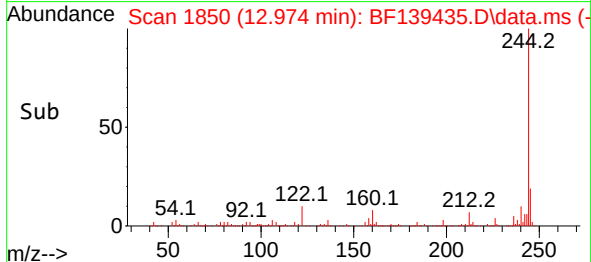
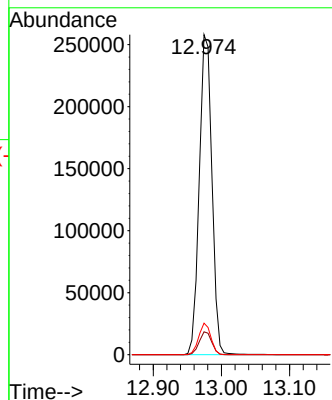


#79
 Terphenyl-d14
 Concen: 52.739 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139435.D
 Acq: 18 Sep 2024 19:47

Instrument :
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Tgt Ion:244 Resp: 332447
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.9 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: BF139435.D
 Acq: 18 Sep 2024 19:47

Tgt Ion:264 Resp: 114840
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.0 16.6 25.0

