

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139496.D
 Acq On : 20 Sep 2024 12:21
 Operator : RC/JU
 Sample : P4088-14RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-09RE

Quant Time: Sep 20 13:02:44 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	70442	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	254236	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	70976	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	200805	20.000	ng	0.00
76) Chrysene-d12	14.033	240	39062	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	973	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	589906	136.615	ng	0.02
7) Phenol-d6	6.510	99	472922	83.442	ng	0.00
23) Nitrobenzene-d5	7.439	82	524354	96.960	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	211422	279.797	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	925322	182.848	ng	0.00
79) Terphenyl-d14	12.980	244	609424	256.081	ng	0.00

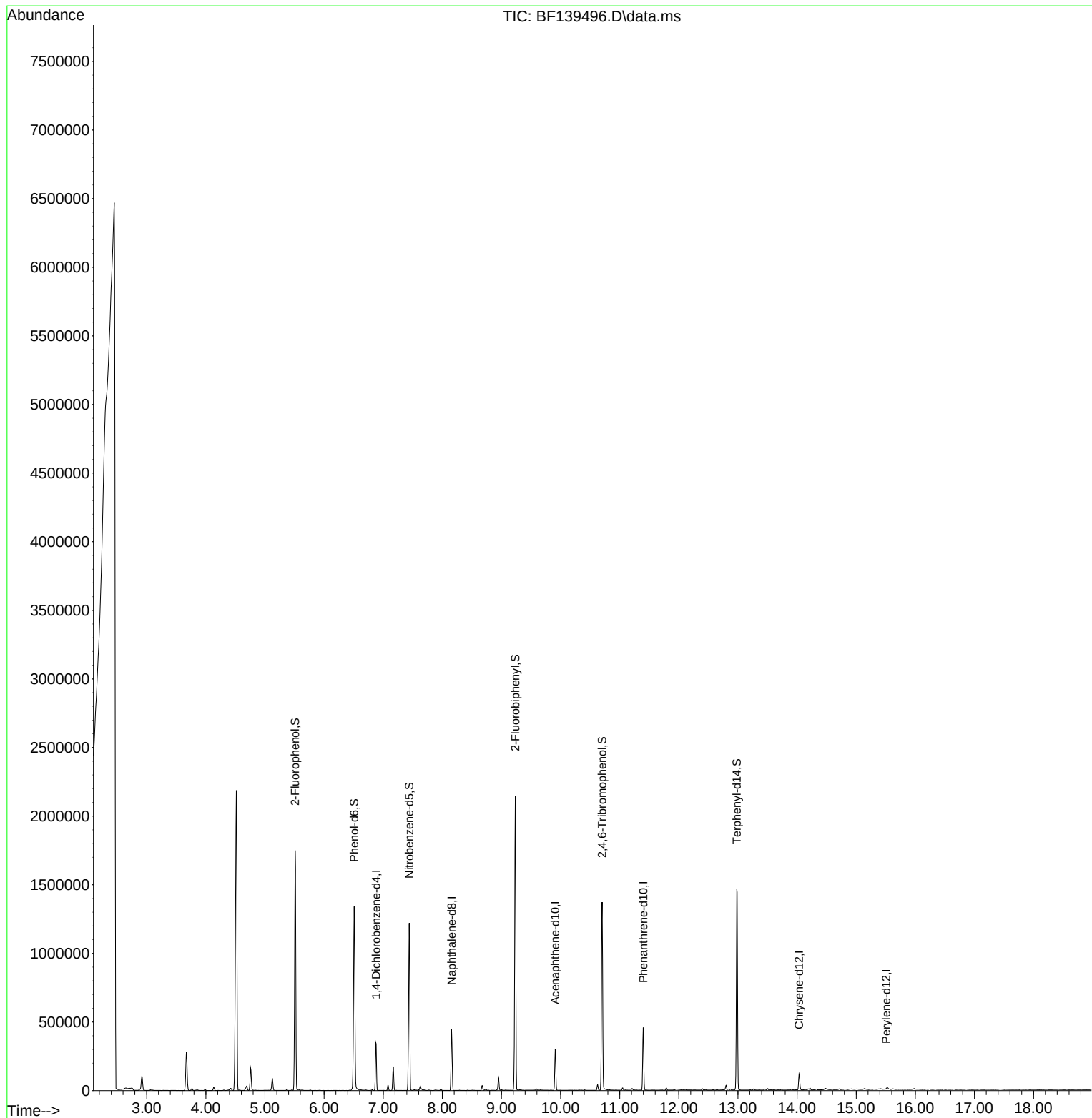
Target Compounds	Qvalue

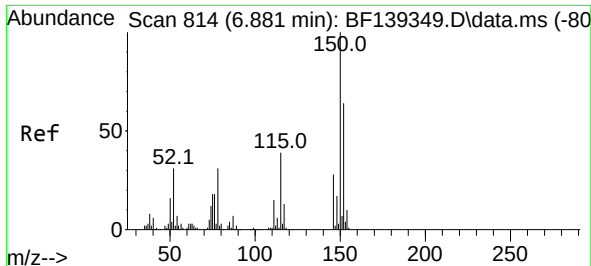
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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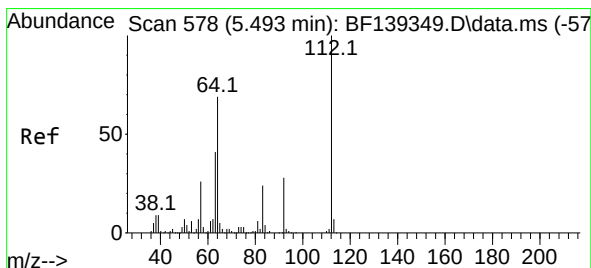
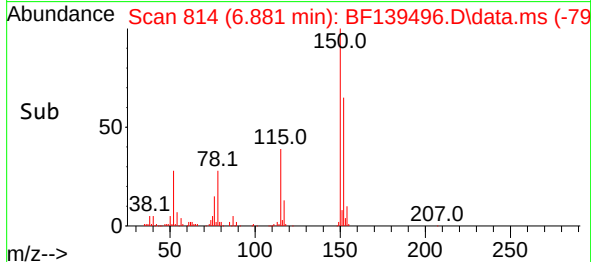
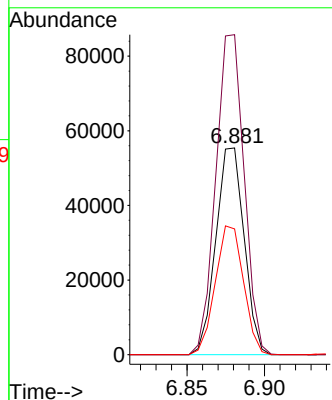
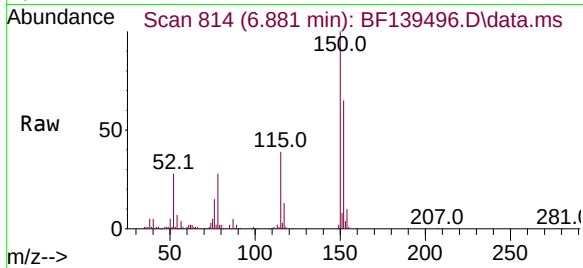




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139496.D
 Acq: 20 Sep 2024 12:21

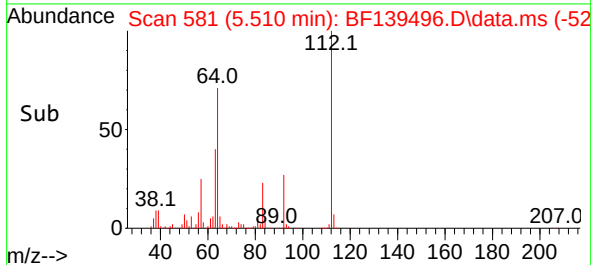
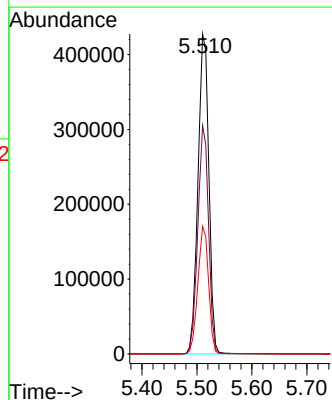
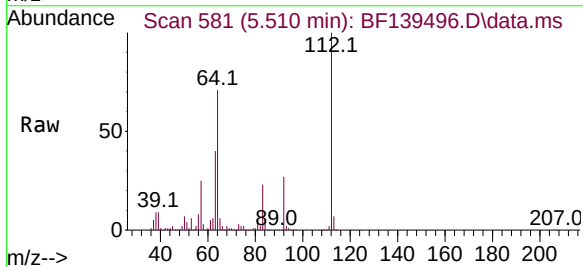
Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-09RE

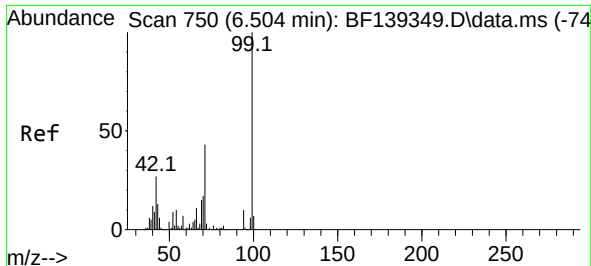
Tgt Ion:152 Resp: 70442
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.1 186.1
 115 60.9 48.1 72.1



#5
 2-Fluorophenol
 Concen: 136.615 ng
 RT: 5.510 min Scan# 581
 Delta R.T. 0.017 min
 Lab File: BF139496.D
 Acq: 20 Sep 2024 12:21

Tgt Ion:112 Resp: 589906
 Ion Ratio Lower Upper
 112 100
 64 71.4 54.8 82.2
 63 39.9 33.0 49.4

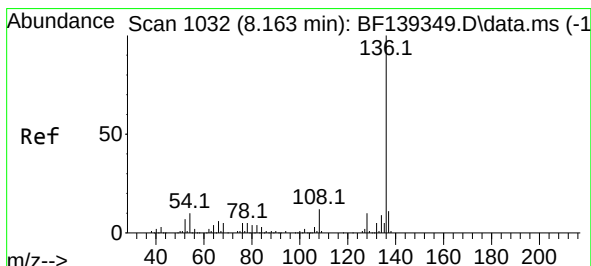
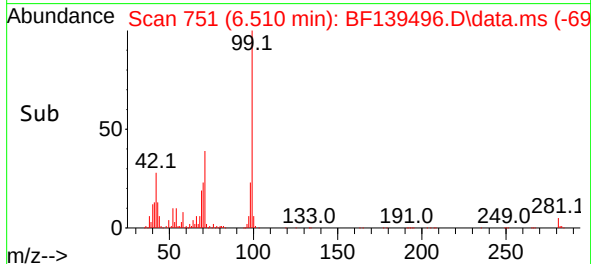
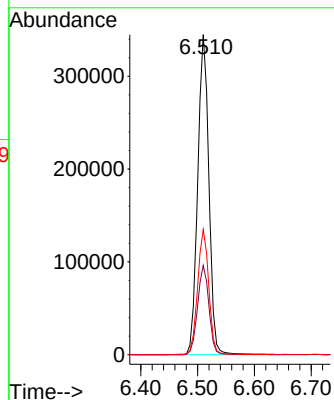
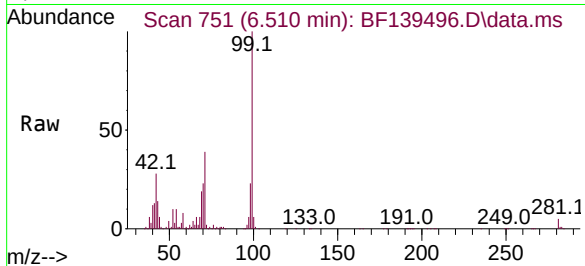




#7
Phenol-d6
Concen: 83.442 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139496.D
Acq: 20 Sep 2024 12:21

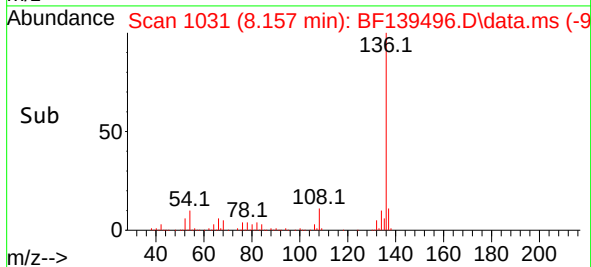
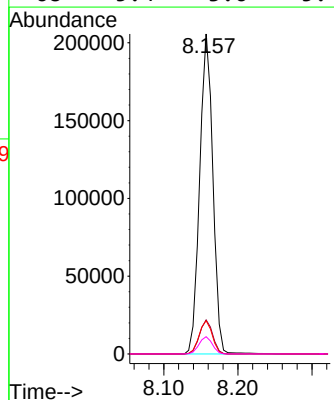
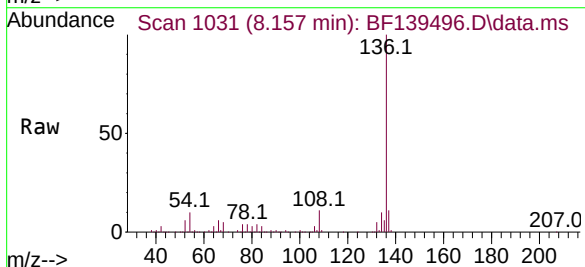
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-09RE

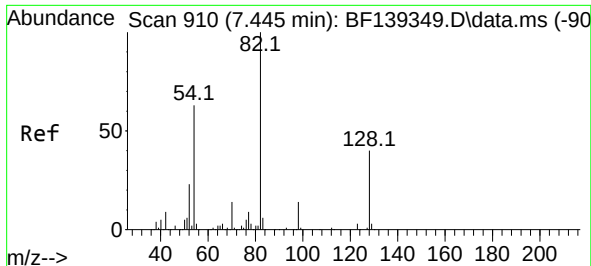
Tgt Ion: 99 Resp: 472922
Ion Ratio Lower Upper
99 100
42 27.9 21.9 32.9
71 39.1 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139496.D
Acq: 20 Sep 2024 12:21

Tgt Ion: 136 Resp: 254236
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.4 7.8 11.8
68 5.4 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 96.960 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139496.D

Acq: 20 Sep 2024 12:21

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-09RE

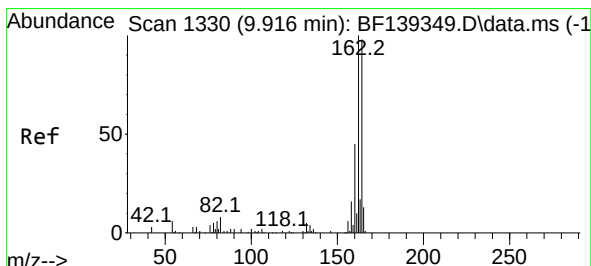
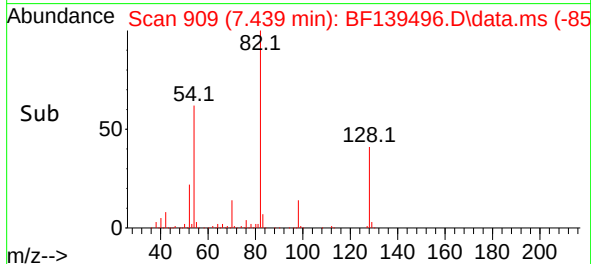
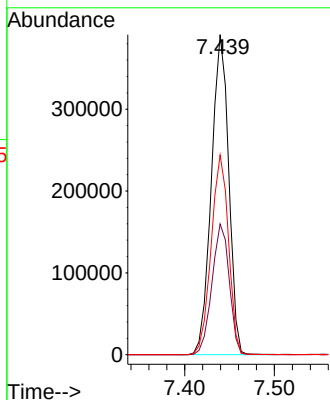
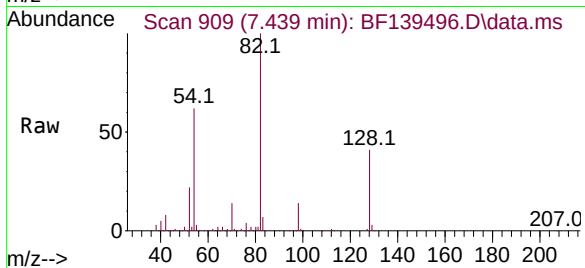
Tgt Ion: 82 Resp: 524354

Ion Ratio Lower Upper

82 100

128 40.9 31.8 47.6

54 62.4 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: BF139496.D

Acq: 20 Sep 2024 12:21

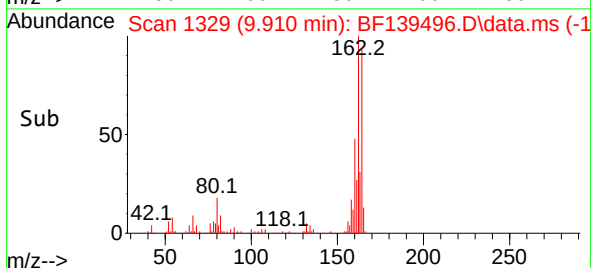
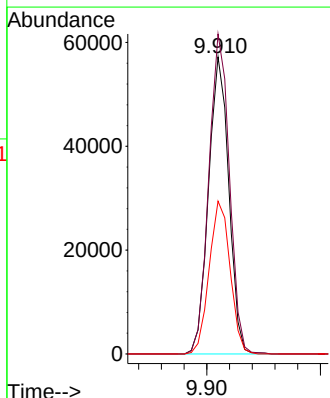
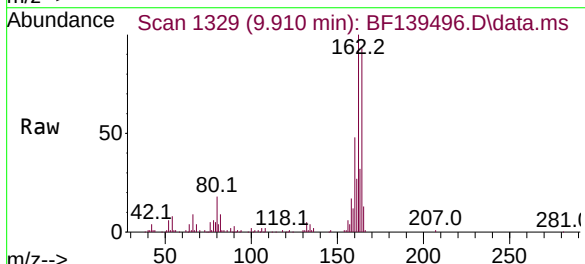
Tgt Ion:164 Resp: 70976

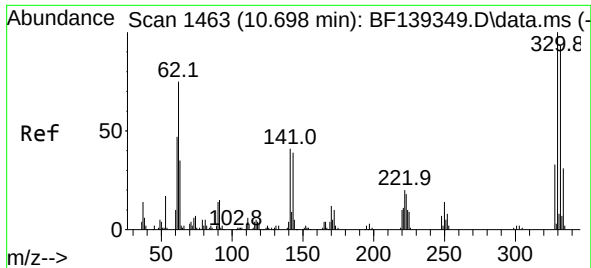
Ion Ratio Lower Upper

164 100

162 107.7 81.3 121.9

160 51.4 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 279.797 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139496.D

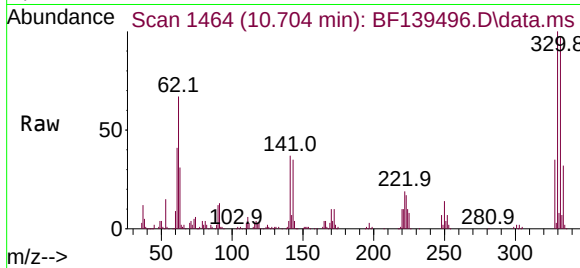
Acq: 20 Sep 2024 12:21

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-09RE



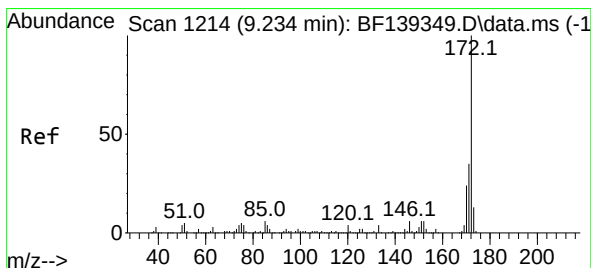
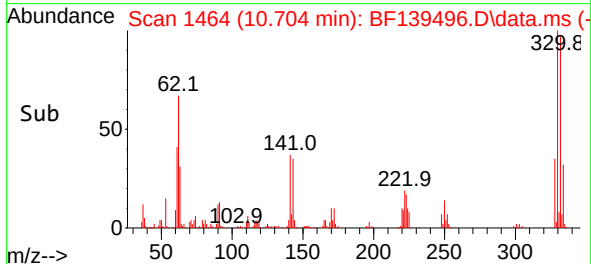
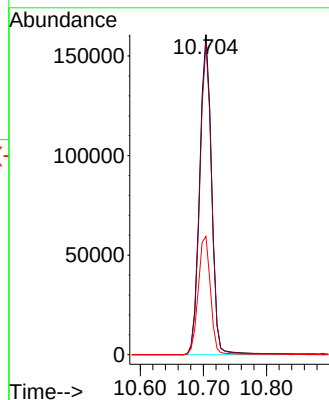
Tgt Ion:330 Resp: 211422

Ion Ratio Lower Upper

330 100

332 97.1 75.2 112.8

141 38.2 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 182.848 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139496.D

Acq: 20 Sep 2024 12:21

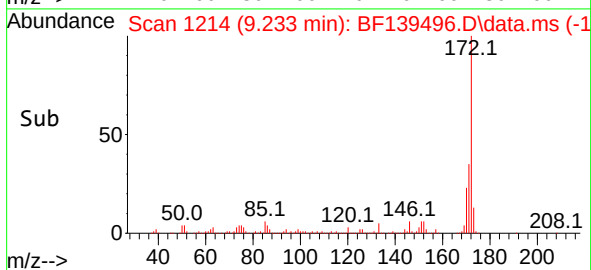
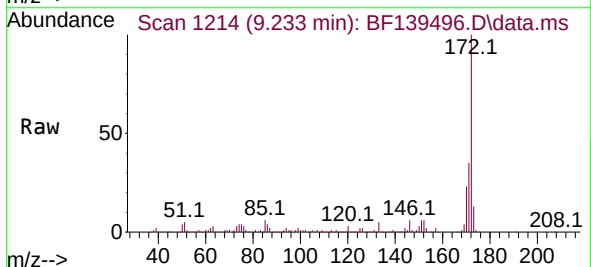
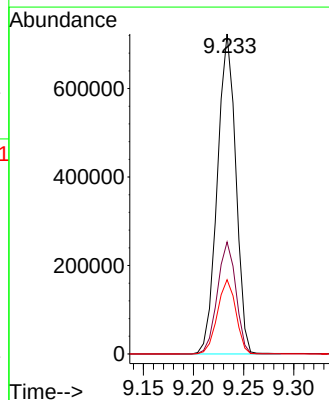
Tgt Ion:172 Resp: 925322

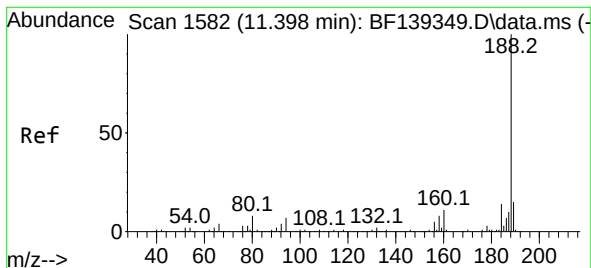
Ion Ratio Lower Upper

172 100

171 35.0 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: BF139496.D

Acq: 20 Sep 2024 12:21

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-09RE

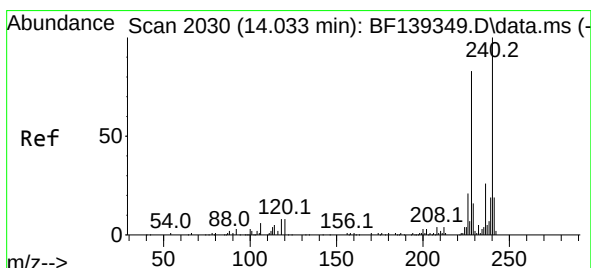
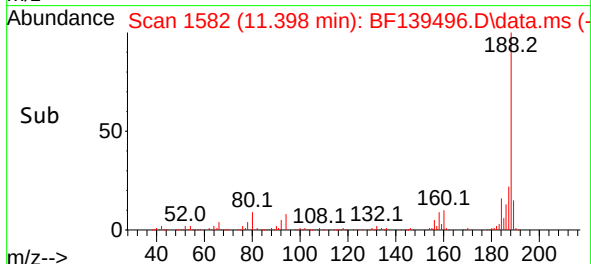
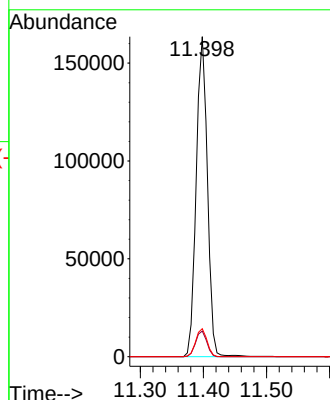
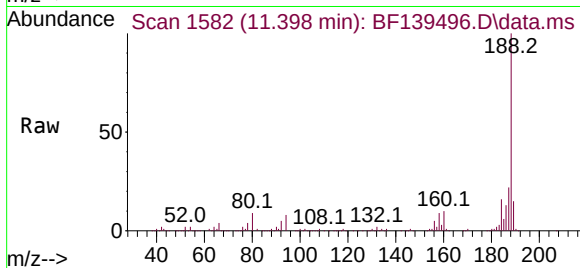
Tgt Ion:188 Resp: 200805

Ion Ratio Lower Upper

188 100

94 8.0 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: BF139496.D

Acq: 20 Sep 2024 12:21

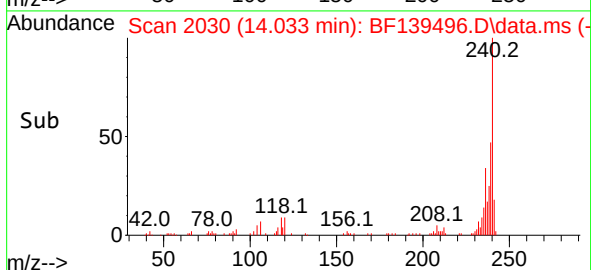
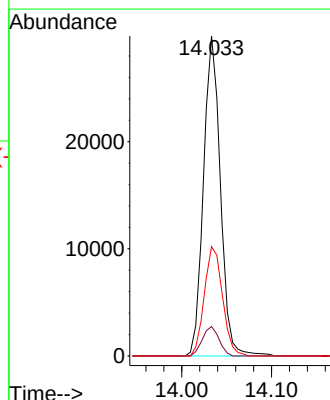
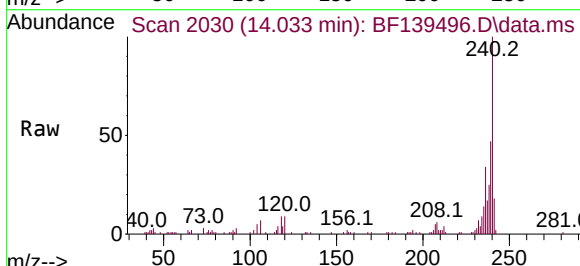
Tgt Ion:240 Resp: 39062

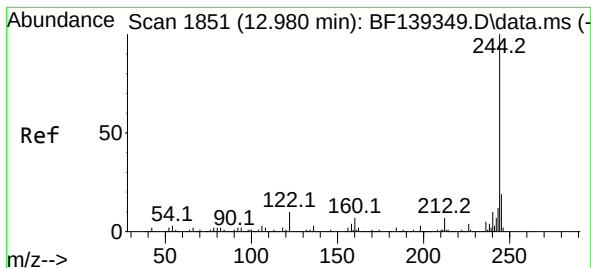
Ion Ratio Lower Upper

240 100

120 9.2 6.2 9.2

236 34.2 20.9 31.3#





#79

Terphenyl-d14

Concen: 256.081 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139496.D

Acq: 20 Sep 2024 12:21

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-09RE

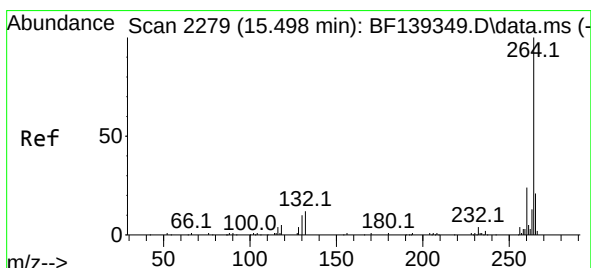
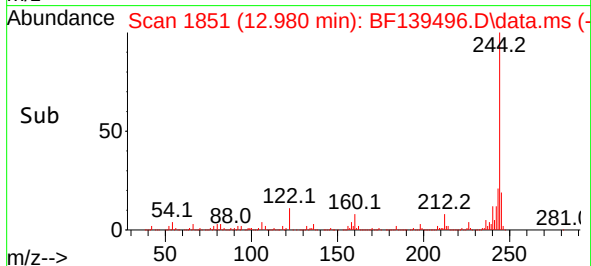
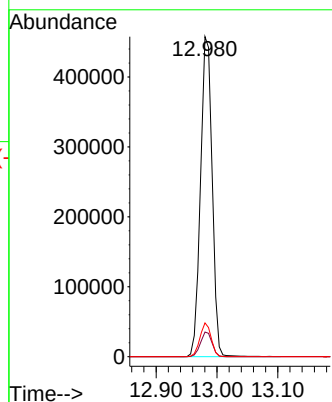
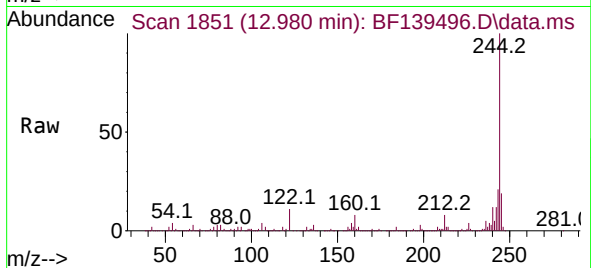
Tgt Ion:244 Resp: 609424

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 10.5 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139496.D

Acq: 20 Sep 2024 12:21

Tgt Ion:264 Resp: 973

Ion Ratio Lower Upper

264 100

260 112.9 19.5 29.3#

265 0.0 16.6 25.0#

