

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139478.D
 Acq On : 19 Sep 2024 22:13
 Operator : RC/JU
 Sample : P4087-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-02

Quant Time: Sep 20 01:40:29 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	84444	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	313778	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	170463	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	268409	20.000	ng	0.00
76) Chrysene-d12	14.033	240	131296	20.000	ng	0.00
86) Perylene-d12	15.498	264	110000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	676943	130.776	ng	0.02
7) Phenol-d6	6.510	99	801450	117.959	ng	0.00
23) Nitrobenzene-d5	7.439	82	641906	96.173	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	231451	127.536	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1150711	94.677	ng	0.00
79) Terphenyl-d14	12.980	244	847470	105.946	ng	0.00

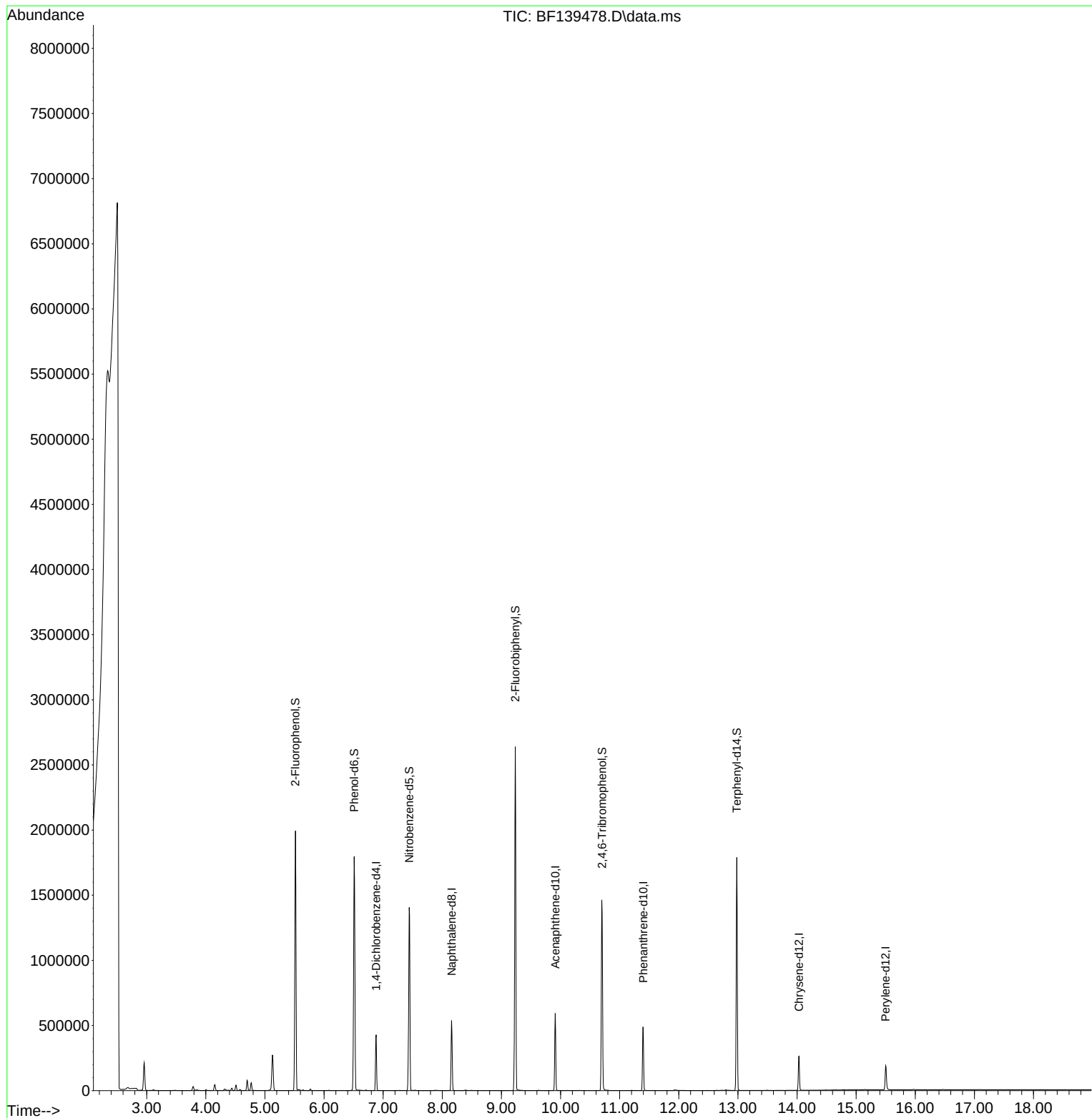
Target Compounds	Qvalue

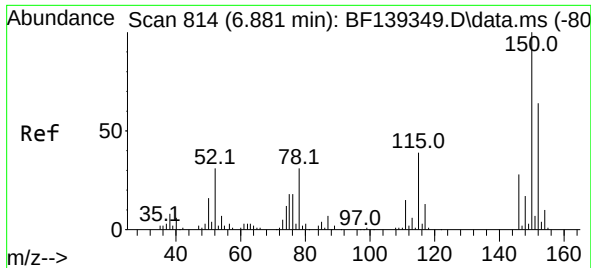
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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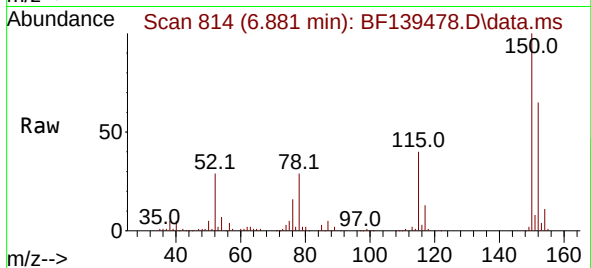
Quant Time: Sep 20 01:40:29 2024
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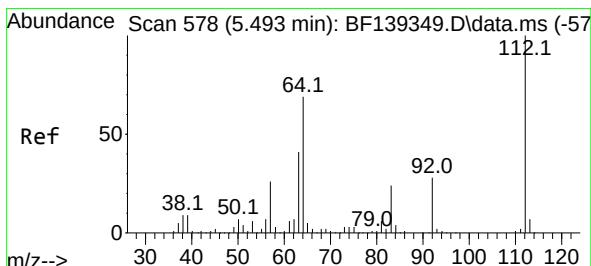
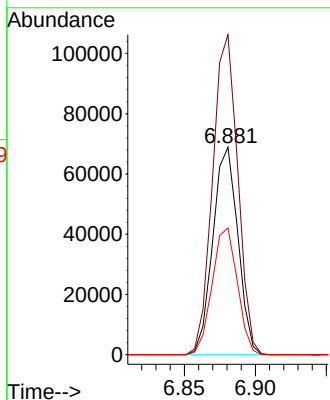
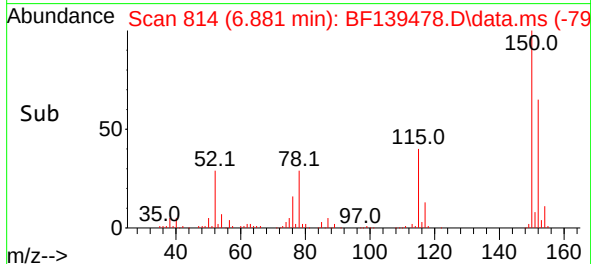


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139478.D
Acq: 19 Sep 2024 22:13

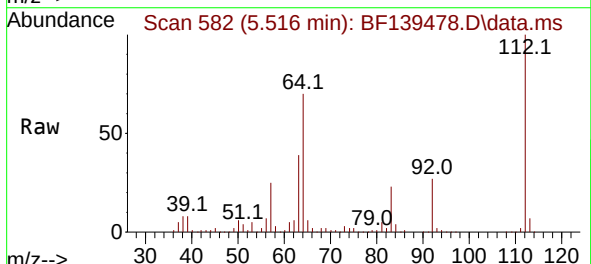
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-02



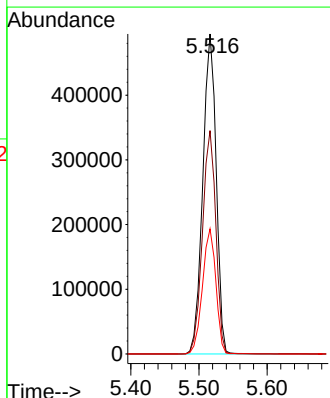
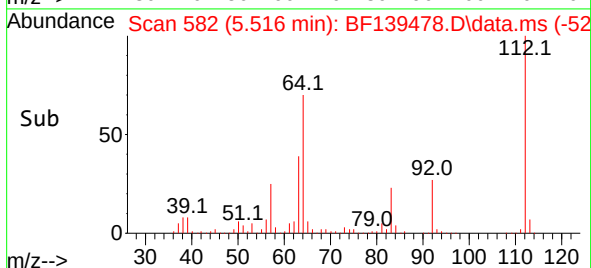
Tgt Ion:152 Resp: 84444
Ion Ratio Lower Upper
152 100
150 154.4 124.1 186.1
115 61.1 48.1 72.1

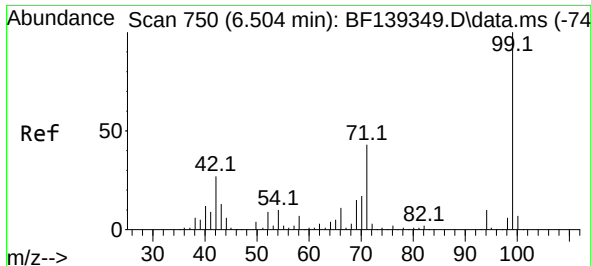


#5
2-Fluorophenol
Concen: 130.776 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF139478.D
Acq: 19 Sep 2024 22:13



Tgt Ion:112 Resp: 676943
Ion Ratio Lower Upper
112 100
64 69.8 54.8 82.2
63 39.1 33.0 49.4





#7

Phenol-d6

Concen: 117.959 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139478.D

Acq: 19 Sep 2024 22:13

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-02

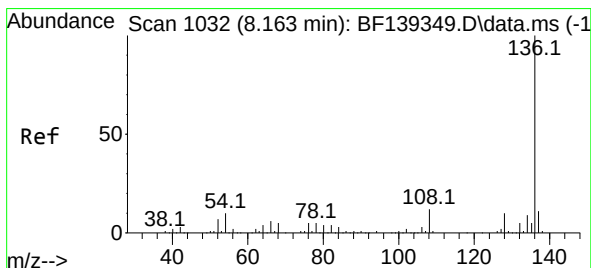
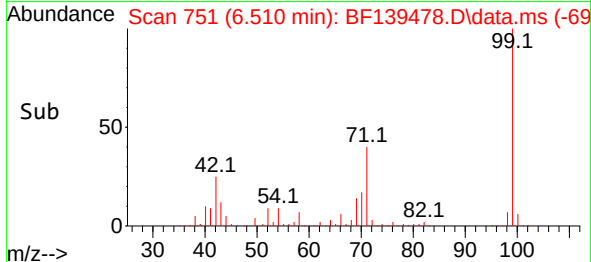
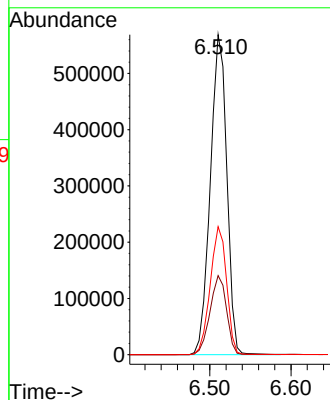
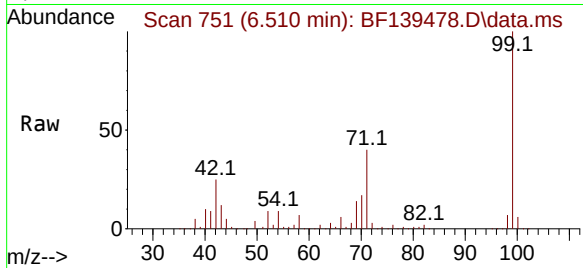
Tgt Ion: 99 Resp: 801450

Ion Ratio Lower Upper

99 100

42 24.7 21.9 32.9

71 40.0 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: BF139478.D

Acq: 19 Sep 2024 22:13

Tgt Ion: 136 Resp: 313778

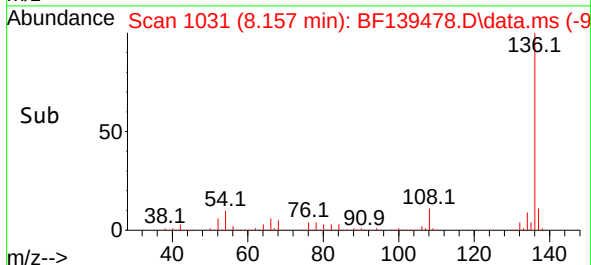
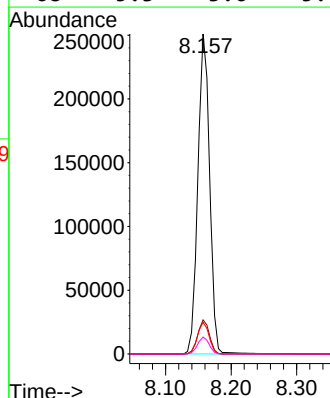
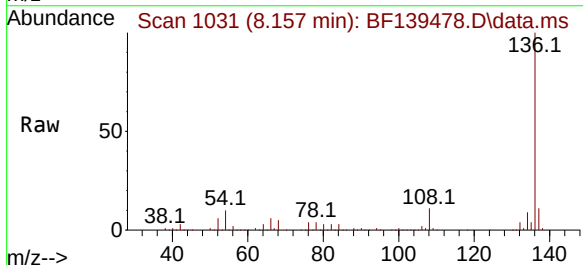
Ion Ratio Lower Upper

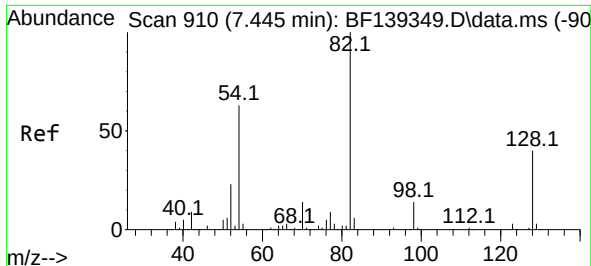
136 100

137 10.7 8.6 12.8

54 9.9 7.8 11.8

68 5.3 3.6 5.4





#23

Nitrobenzene-d5

Concen: 96.173 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139478.D

Acq: 19 Sep 2024 22:13

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-02

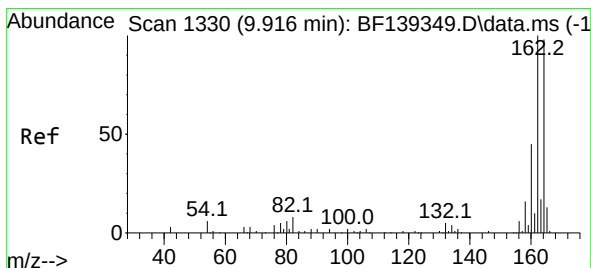
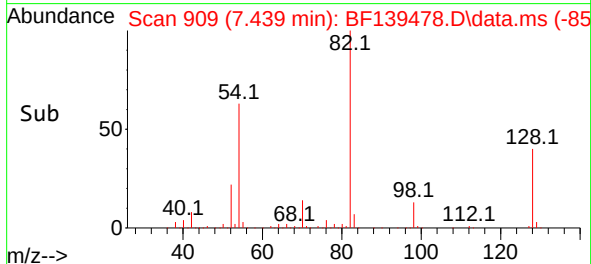
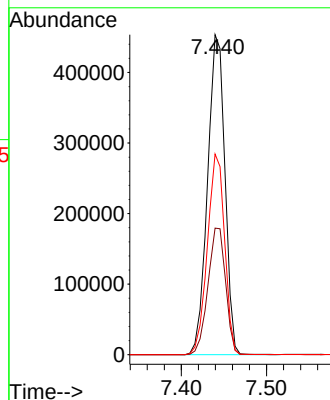
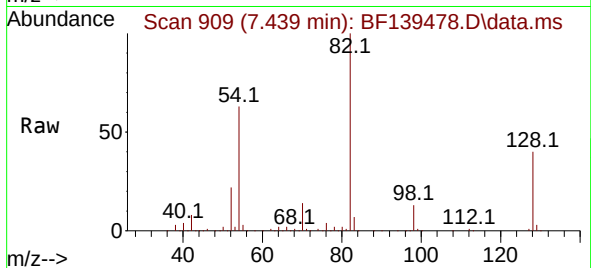
Tgt Ion: 82 Resp: 641906

Ion Ratio Lower Upper

82 100

128 39.6 31.8 47.6

54 62.7 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: BF139478.D

Acq: 19 Sep 2024 22:13

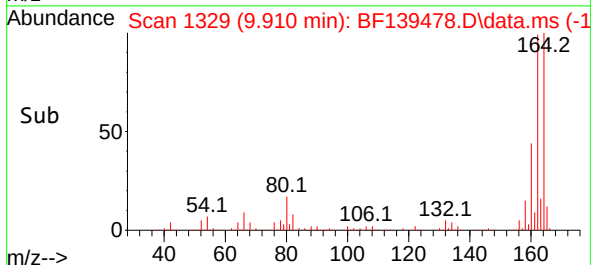
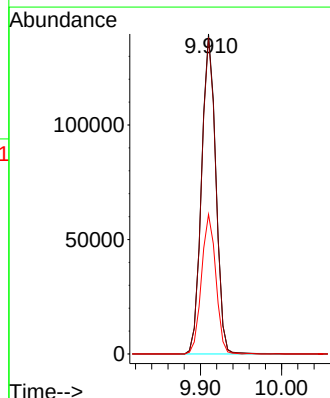
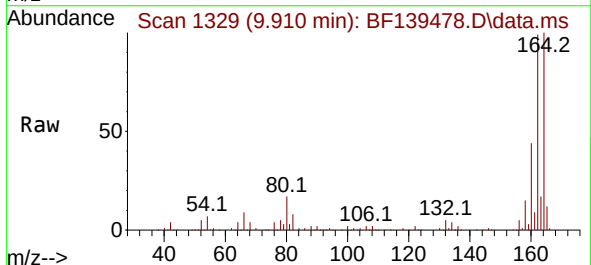
Tgt Ion:164 Resp: 170463

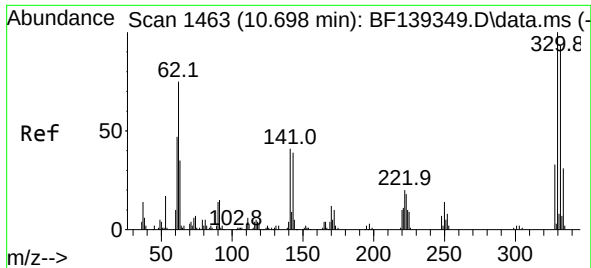
Ion Ratio Lower Upper

164 100

162 98.9 81.3 121.9

160 43.6 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 127.536 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139478.D

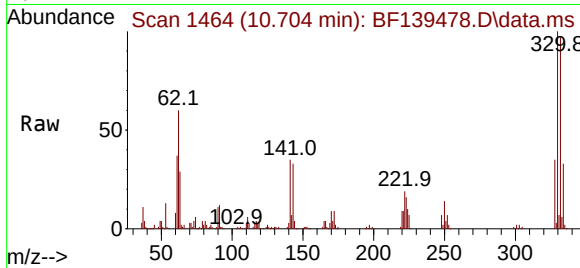
Acq: 19 Sep 2024 22:13

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-02



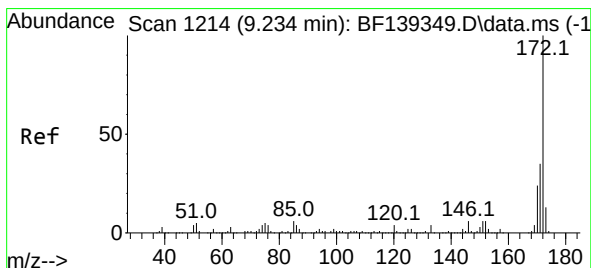
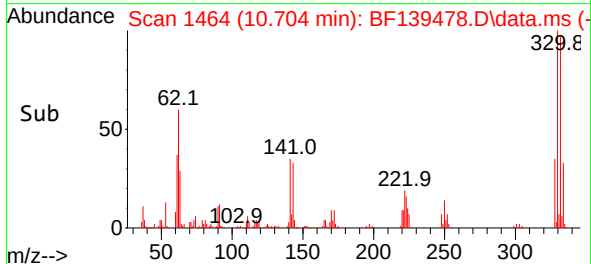
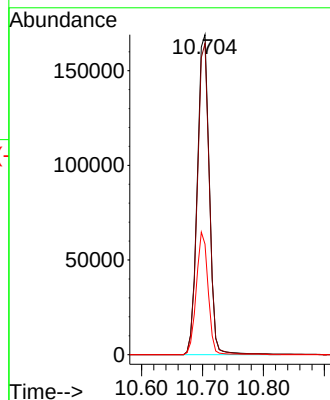
Tgt Ion:330 Resp: 231451

Ion Ratio Lower Upper

330 100

332 97.0 75.2 112.8

141 37.6 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 94.677 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139478.D

Acq: 19 Sep 2024 22:13

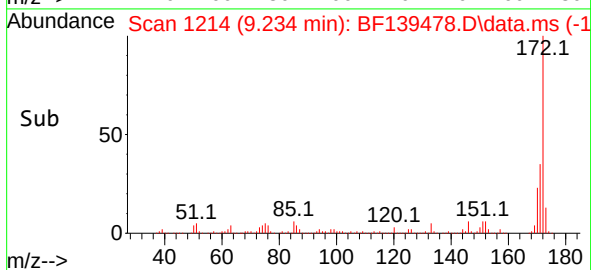
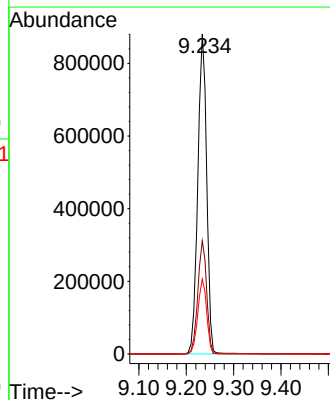
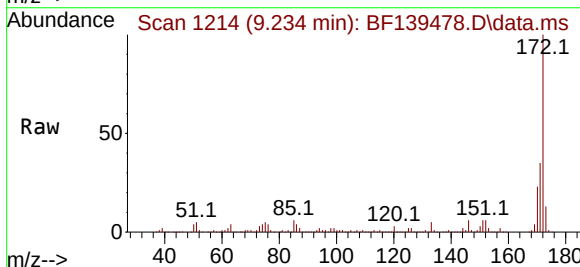
Tgt Ion:172 Resp: 1150711

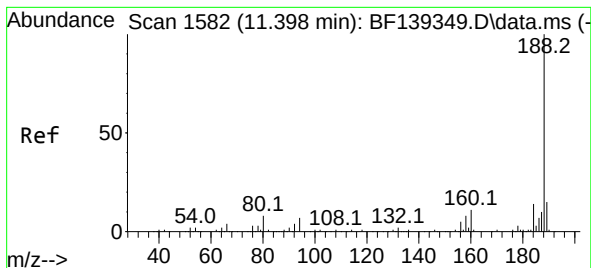
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.4 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: BF139478.D

Acq: 19 Sep 2024 22:13

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-02

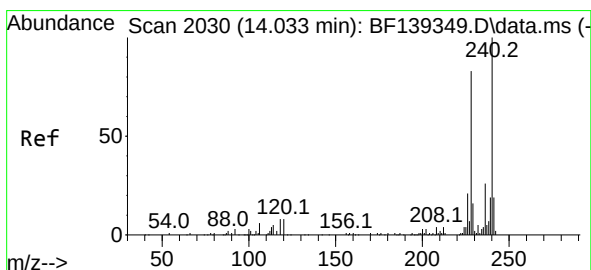
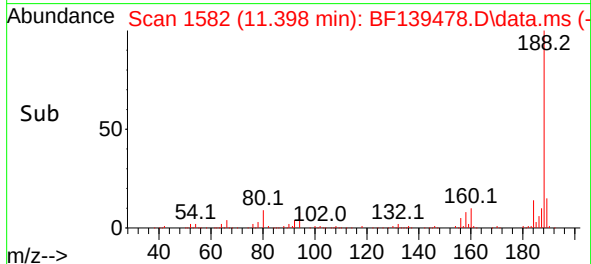
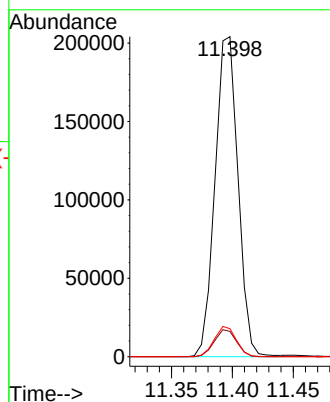
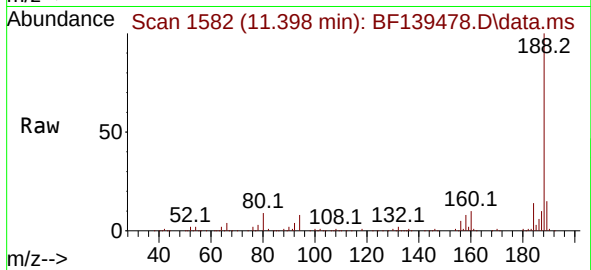
Tgt Ion:188 Resp: 268409

Ion Ratio Lower Upper

188 100

94 7.9 5.5 8.3

80 8.7 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: BF139478.D

Acq: 19 Sep 2024 22:13

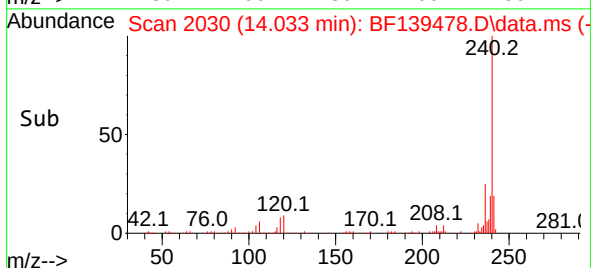
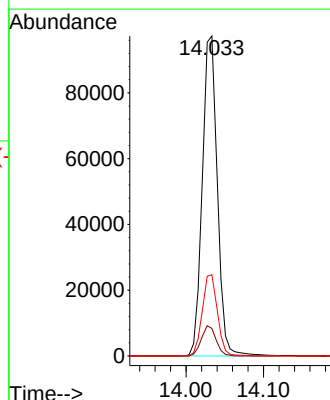
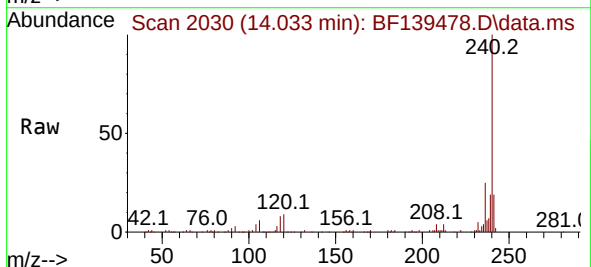
Tgt Ion:240 Resp: 131296

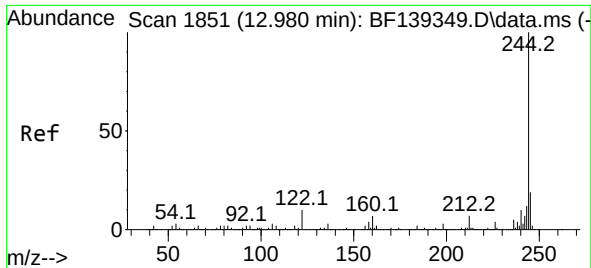
Ion Ratio Lower Upper

240 100

120 8.6 6.2 9.2

236 25.4 20.9 31.3

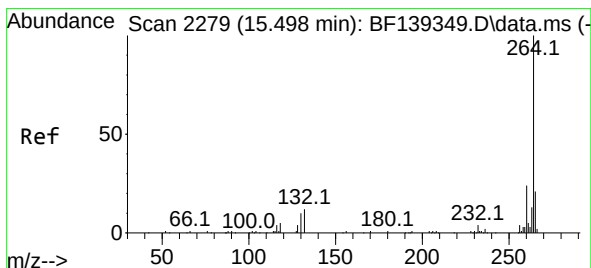
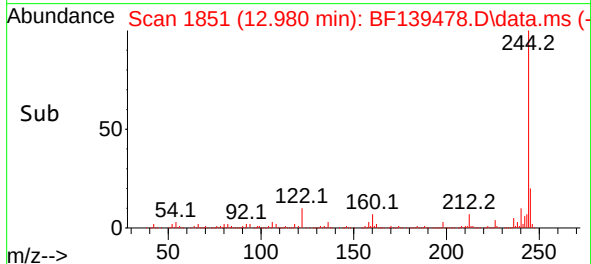
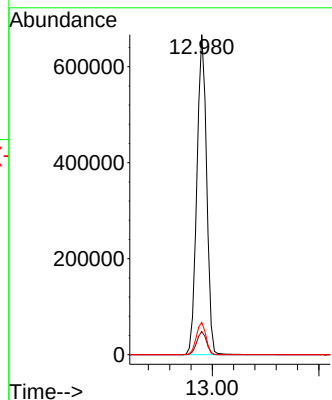
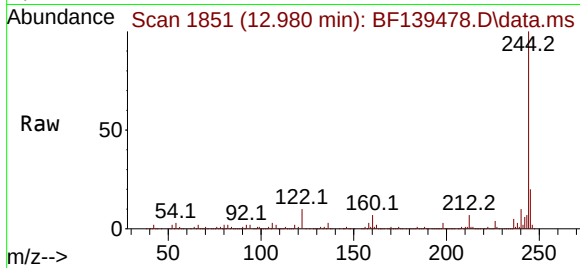




#79
 Terphenyl-d14
 Concen: 105.946 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139478.D
 Acq: 19 Sep 2024 22:13

Instrument :
 BNA_F
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 NB-614-COMP-02

Tgt Ion:244 Resp: 847470
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.1 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: BF139478.D
 Acq: 19 Sep 2024 22:13

Tgt Ion:264 Resp: 110000
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.7 16.6 25.0

