

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139481.D
 Acq On : 19 Sep 2024 23:39
 Operator : RC/JU
 Sample : P4087-26
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-05

Quant Time: Sep 20 01:41:35 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	85526	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	314730	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	172448	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	274759	20.000	ng	0.00
76) Chrysene-d12	14.027	240	138995	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	120727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	598672	114.192	ng	0.02
7) Phenol-d6	6.510	99	699968	101.720	ng	0.00
23) Nitrobenzene-d5	7.439	82	592261	88.466	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	209847	114.301	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1059680	86.184	ng	0.00
79) Terphenyl-d14	12.980	244	793136	93.661	ng	0.00

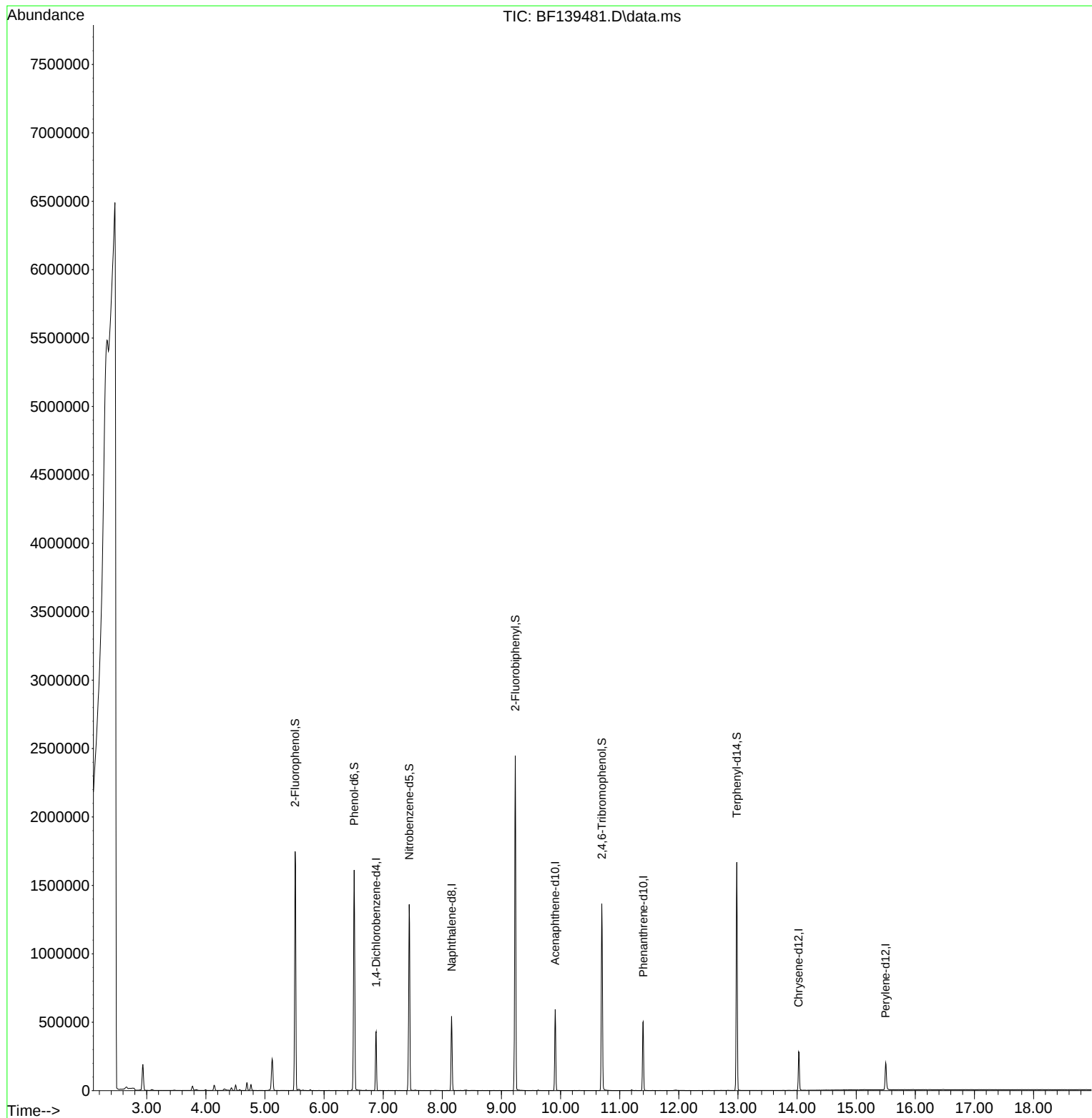
Target Compounds	Qvalue

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

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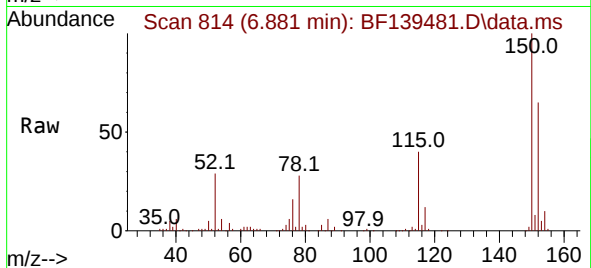
Quant Time: Sep 20 01:41:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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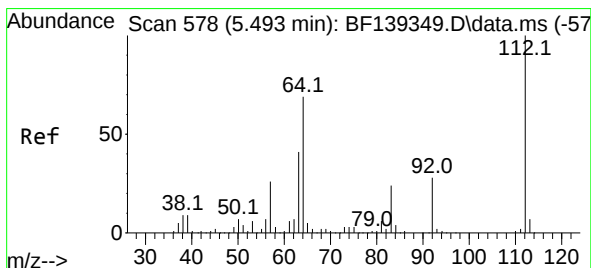
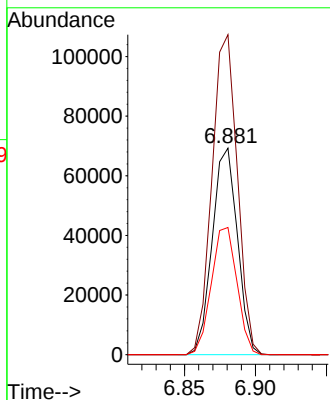
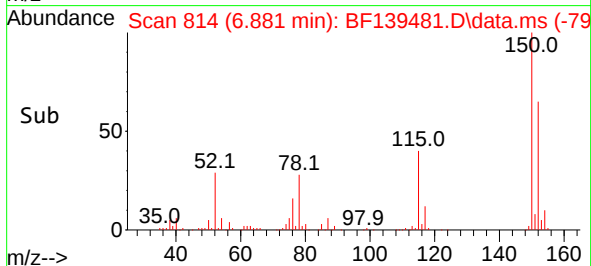


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139481.D
Acq: 19 Sep 2024 23:39

Instrument :
BNA_F
ClientSampleId :
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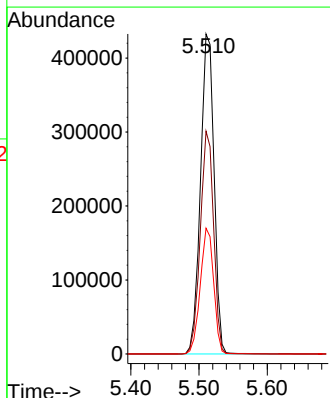
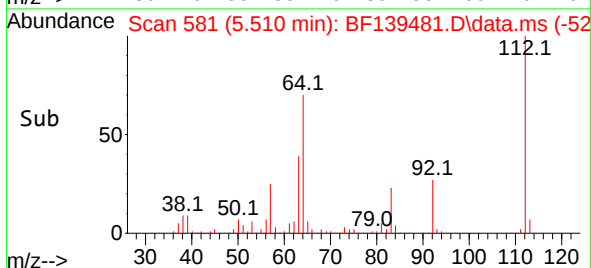
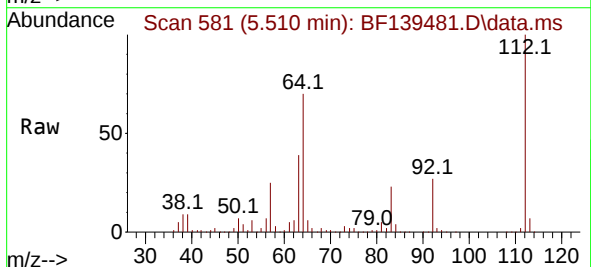


Tgt Ion:152 Resp: 85526
Ion Ratio Lower Upper
152 100
150 154.9 124.1 186.1
115 61.6 48.1 72.1



#5
2-Fluorophenol
Concen: 114.192 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139481.D
Acq: 19 Sep 2024 23:39

Tgt Ion:112 Resp: 598672
Ion Ratio Lower Upper
112 100
64 69.6 54.8 82.2
63 39.3 33.0 49.4





#7

Phenol-d6

Concen: 101.720 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139481.D

Acq: 19 Sep 2024 23:39

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-05

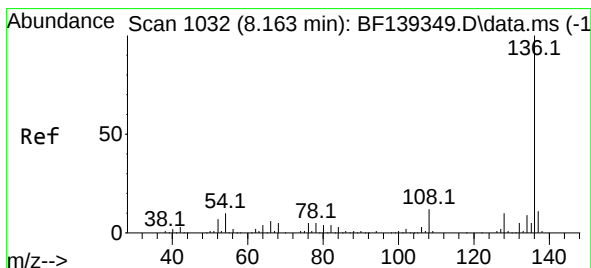
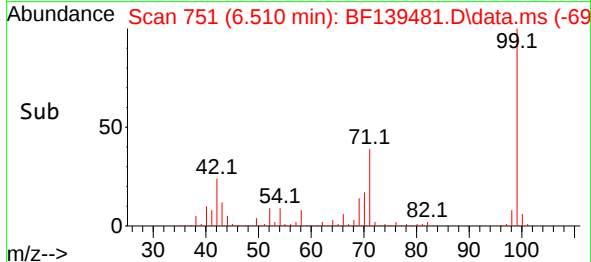
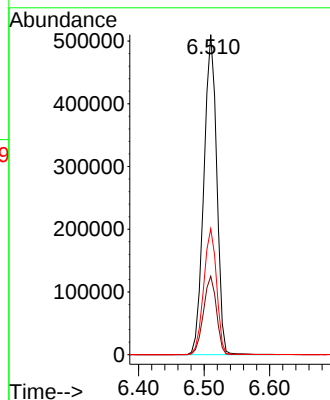
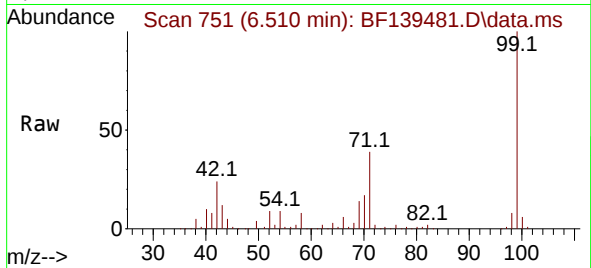
Tgt Ion: 99 Resp: 699968

Ion Ratio Lower Upper

99 100

42 24.5 21.9 32.9

71 39.4 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: BF139481.D

Acq: 19 Sep 2024 23:39

Tgt Ion: 136 Resp: 314730

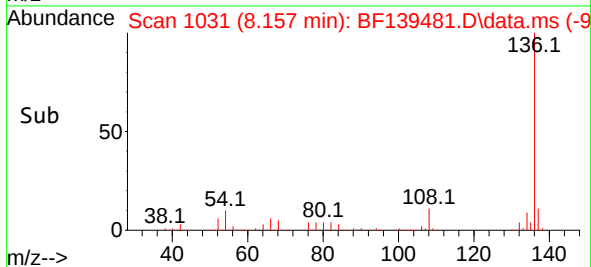
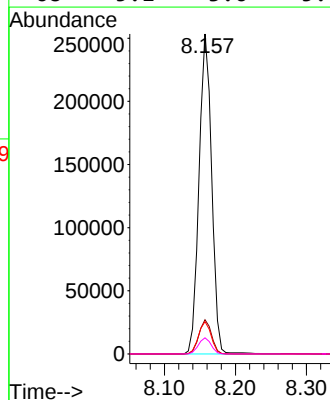
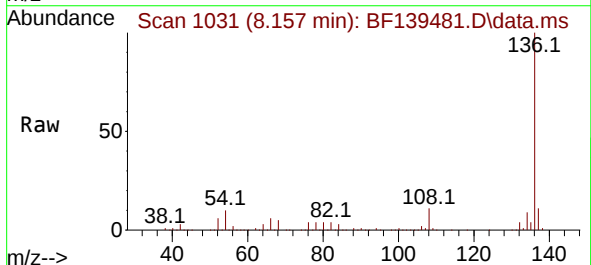
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 10.1 7.8 11.8

68 5.1 3.6 5.4

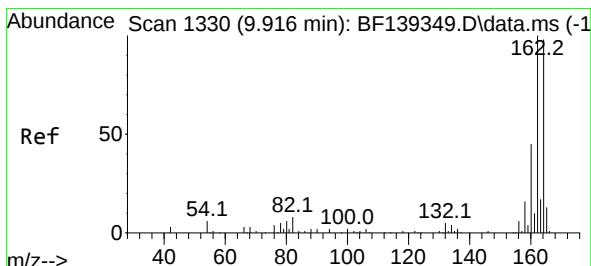
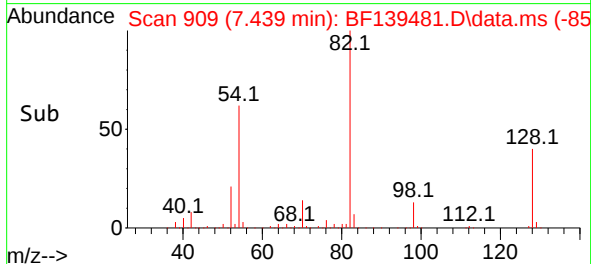
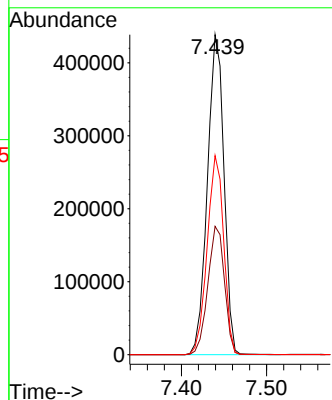
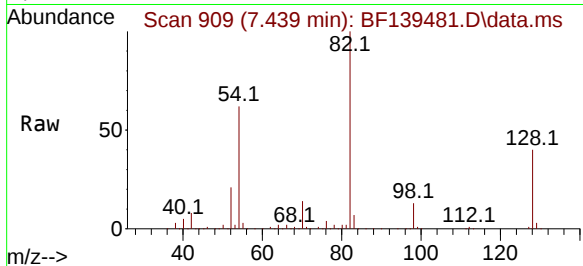




#23
 Nitrobenzene-d5
 Concen: 88.466 ng
 RT: 7.439 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF139481.D
 Acq: 19 Sep 2024 23:39

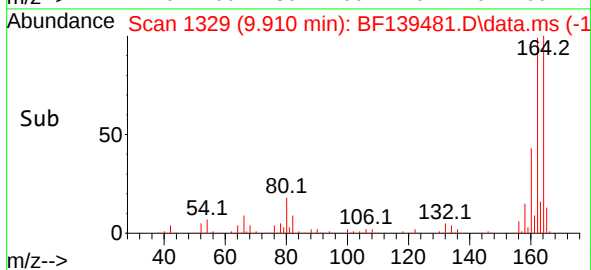
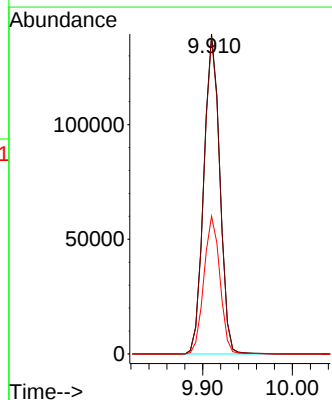
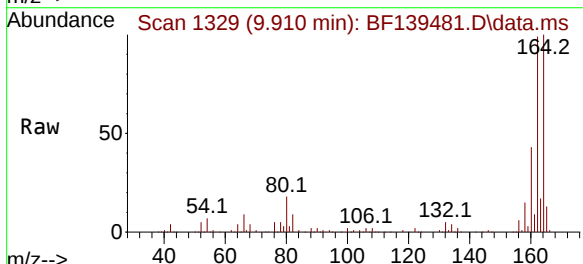
Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-05

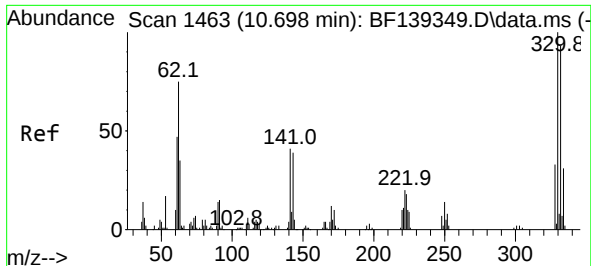
Tgt Ion: 82 Resp: 592261
 Ion Ratio Lower Upper
 82 100
 128 40.1 31.8 47.6
 54 62.2 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF139481.D
 Acq: 19 Sep 2024 23:39

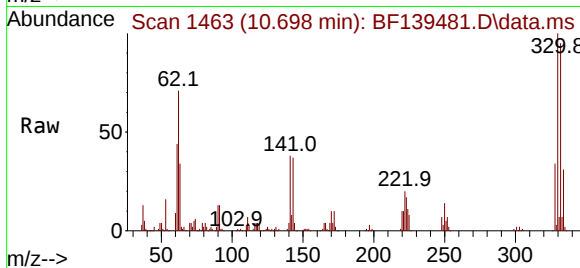
Tgt Ion:164 Resp: 172448
 Ion Ratio Lower Upper
 164 100
 162 98.9 81.3 121.9
 160 43.0 36.4 54.6



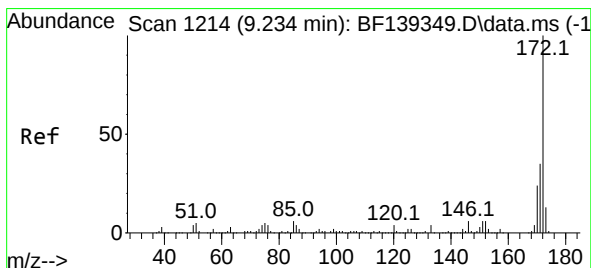
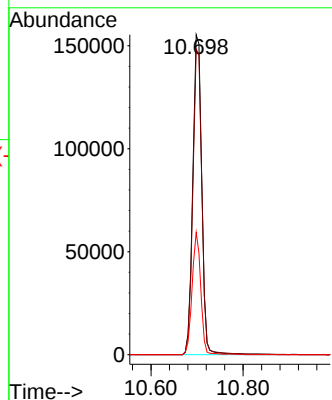
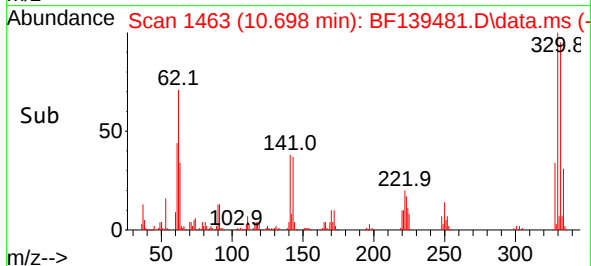


#42
2,4,6-Tribromophenol
Concen: 114.301 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139481.D
Acq: 19 Sep 2024 23:39

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-05

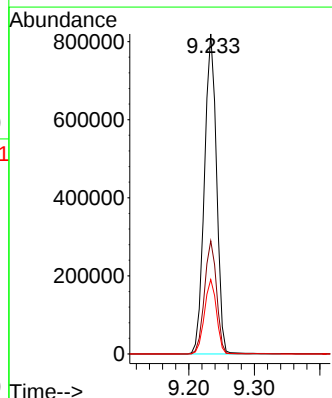
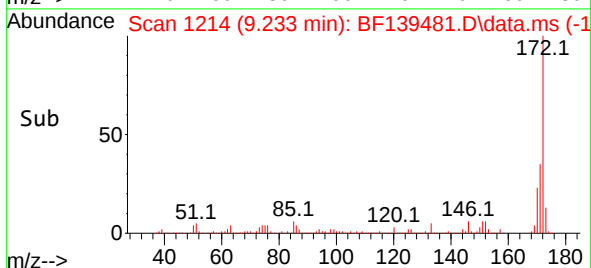
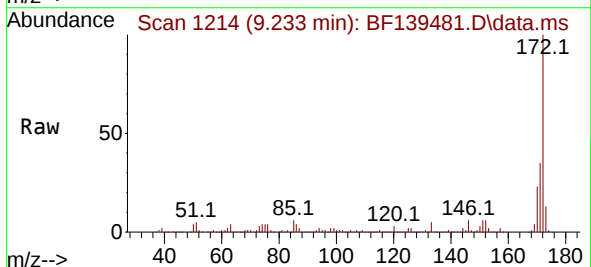


Tgt Ion:330 Resp: 209847
Ion Ratio Lower Upper
330 100
332 96.0 75.2 112.8
141 36.8 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 86.184 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139481.D
Acq: 19 Sep 2024 23:39

Tgt Ion:172 Resp: 1059680
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.3 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: BF139481.D

Acq: 19 Sep 2024 23:39

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-05

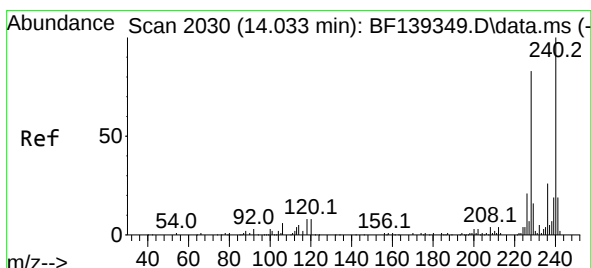
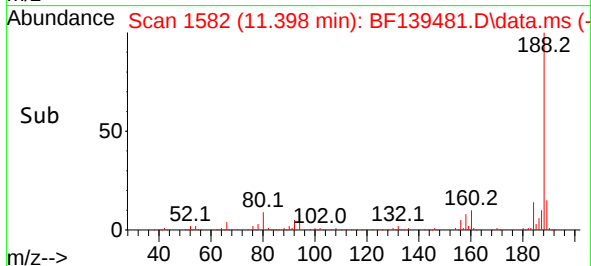
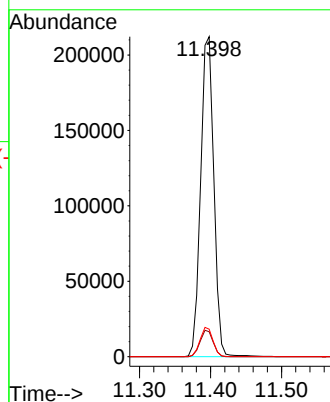
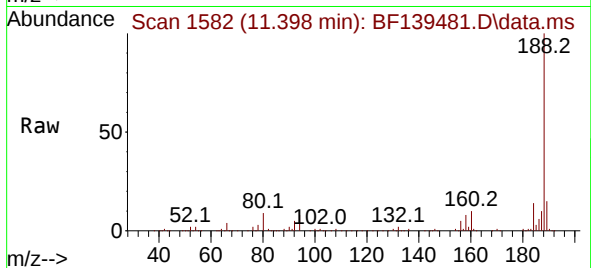
Tgt Ion:188 Resp: 274759

Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

80 8.6 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: BF139481.D

Acq: 19 Sep 2024 23:39

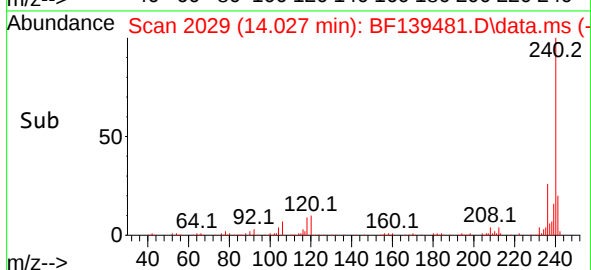
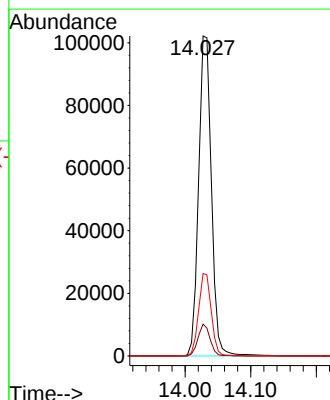
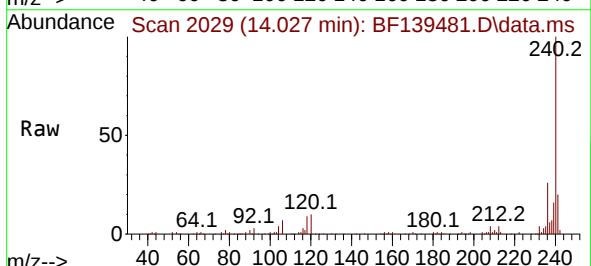
Tgt Ion:240 Resp: 138995

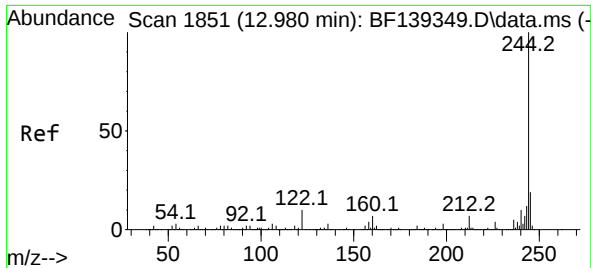
Ion Ratio Lower Upper

240 100

120 9.9 6.2 9.2#

236 25.7 20.9 31.3

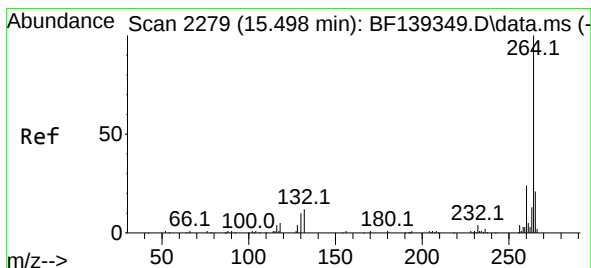
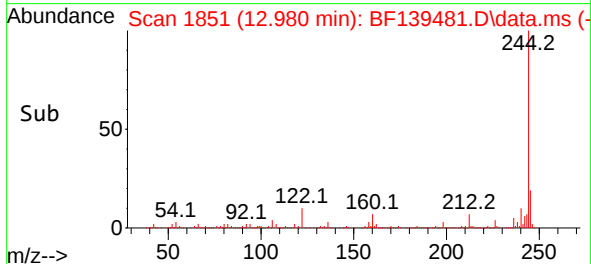
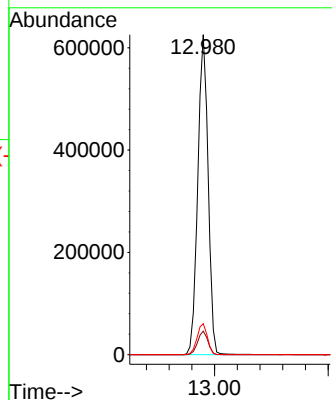
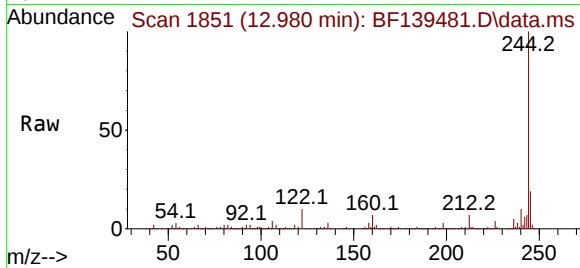




#79
 Terphenyl-d14
 Concen: 93.661 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139481.D
 Acq: 19 Sep 2024 23:39

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-05

Tgt Ion:244 Resp: 793136
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 9.7 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: BF139481.D
 Acq: 19 Sep 2024 23:39

Tgt Ion:264 Resp: 120727
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.4 16.6 25.0

