

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139484.D
 Acq On : 20 Sep 2024 01:05
 Operator : RC/JU
 Sample : P4088-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-08

Quant Time: Sep 20 01:42:23 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)

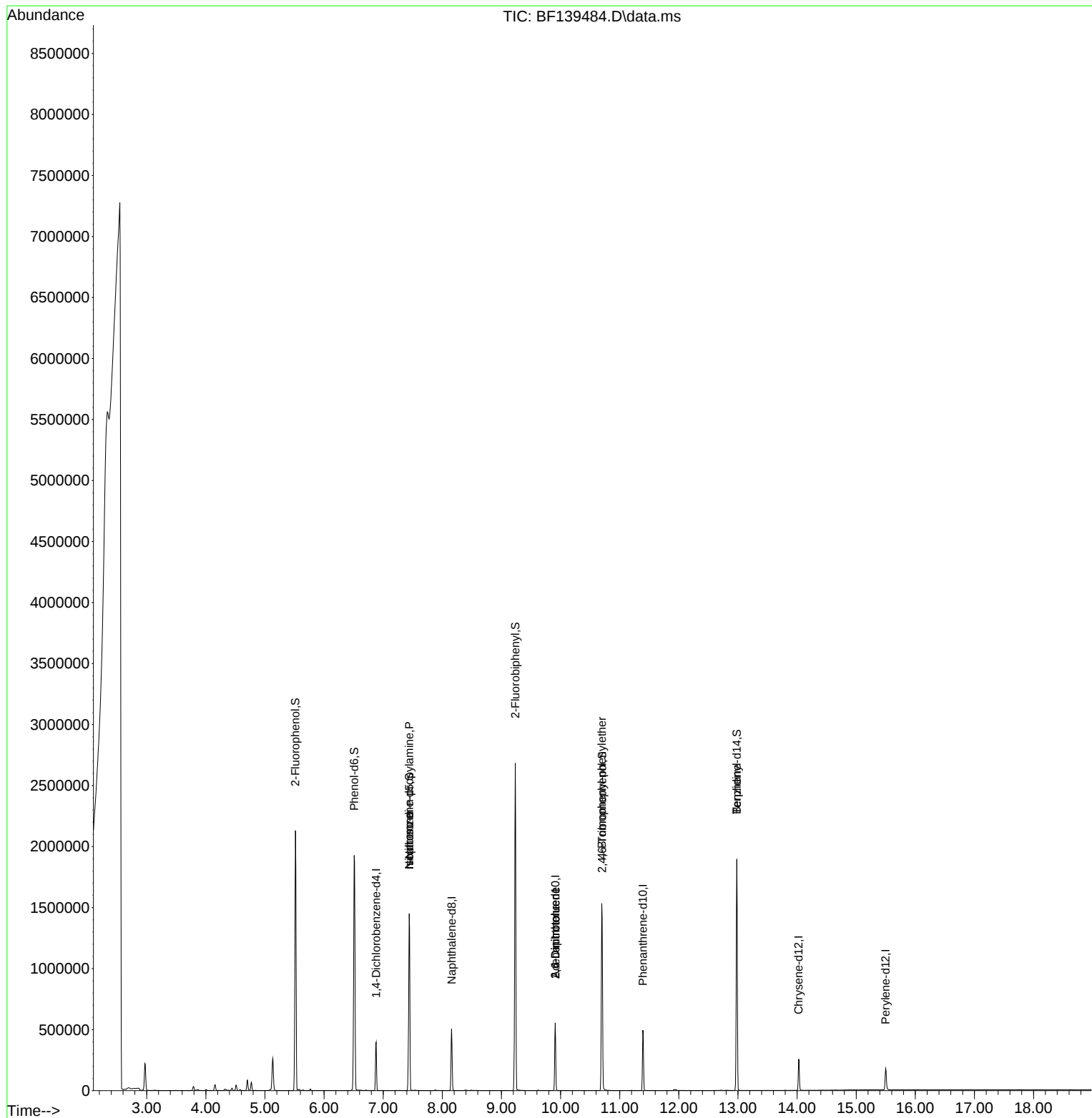
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	77895	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	291147	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	160290	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	264310	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	125496	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	109798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	733928	153.706	ng	0.02
7) Phenol-d6	6.510	99	918173	146.501	ng	0.00
23) Nitrobenzene-d5	7.439	82	649881	104.936	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	245037	143.592	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1172989	102.635	ng	0.00
79) Terphenyl-d14	12.980	244	907020	118.631	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	91627	24.671	ng	# 73
25) Isophorone	7.439	82	649875	66.351	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	20580	8.830	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	20580	6.541	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	16612	6.342	ng	# 1
77) Benzidine	12.980	184	12729	7.080	ng	# 88

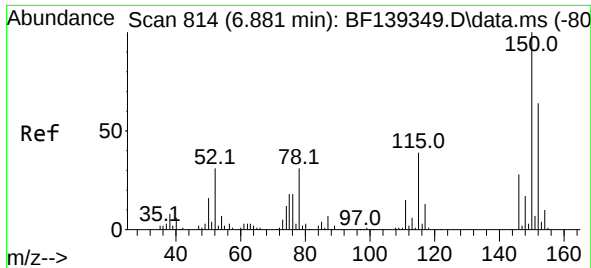
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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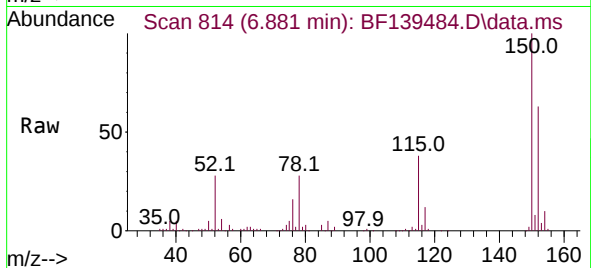
Quant Time: Sep 20 01:42:23 2024
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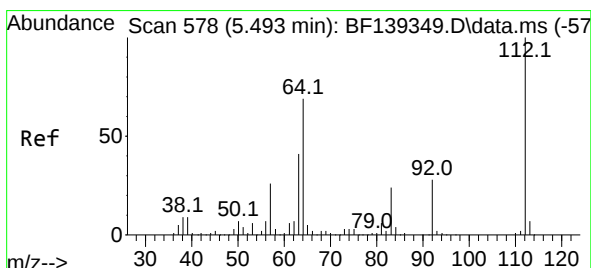
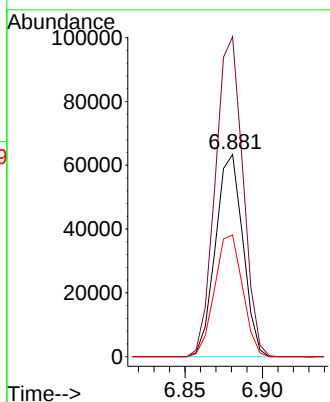
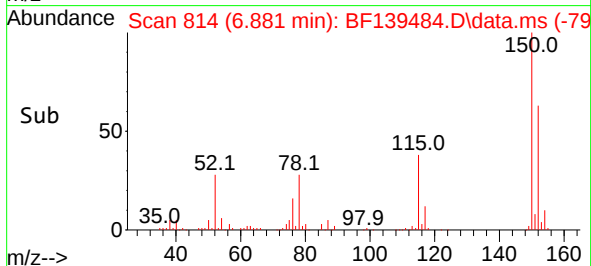


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139484.D
Acq: 20 Sep 2024 01:05

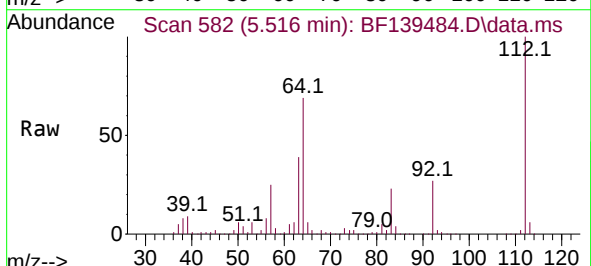
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-08



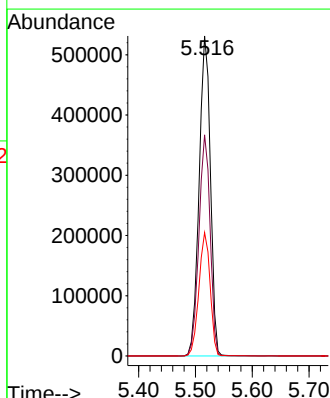
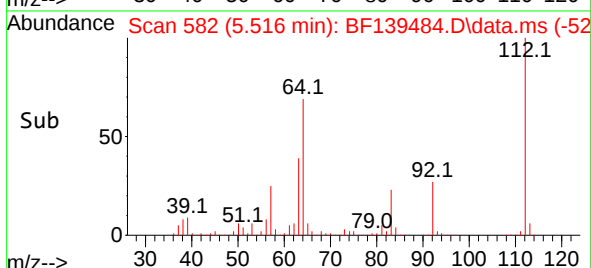
Tgt Ion:152 Resp: 77895
Ion Ratio Lower Upper
152 100
150 158.2 124.1 186.1
115 60.2 48.1 72.1

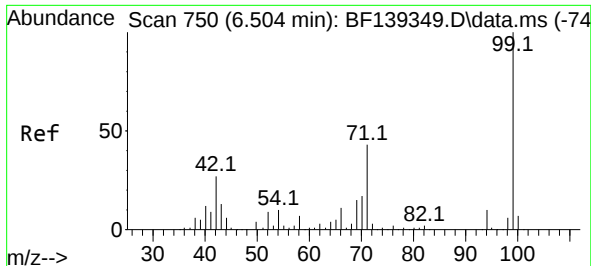


#5
2-Fluorophenol
Concen: 153.706 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF139484.D
Acq: 20 Sep 2024 01:05



Tgt Ion:112 Resp: 733928
Ion Ratio Lower Upper
112 100
64 69.1 54.8 82.2
63 38.5 33.0 49.4

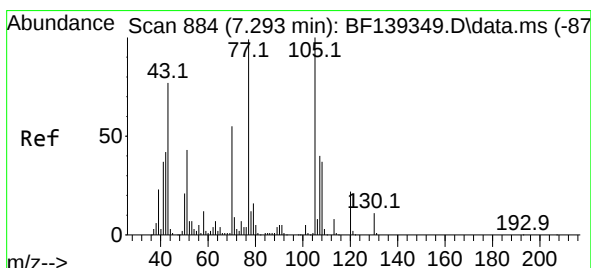
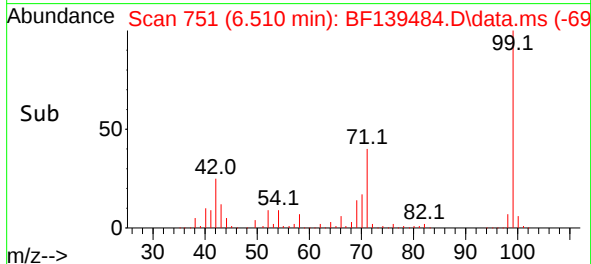
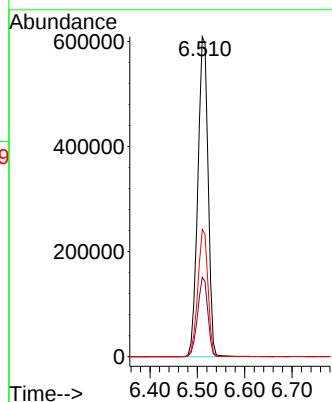
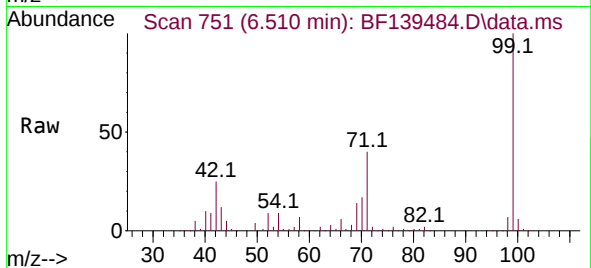




#7
Phenol-d6
Concen: 146.501 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139484.D
Acq: 20 Sep 2024 01:05

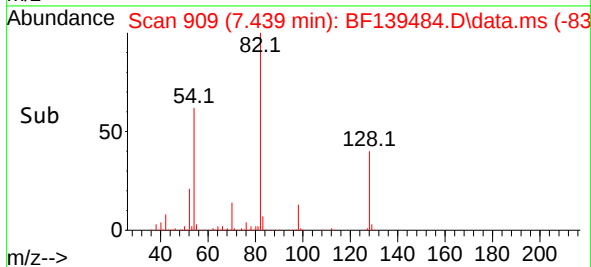
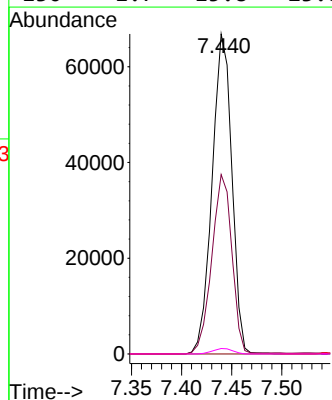
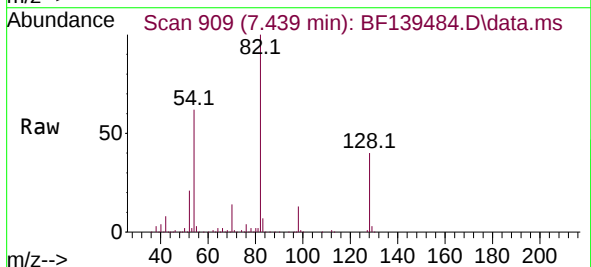
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-08

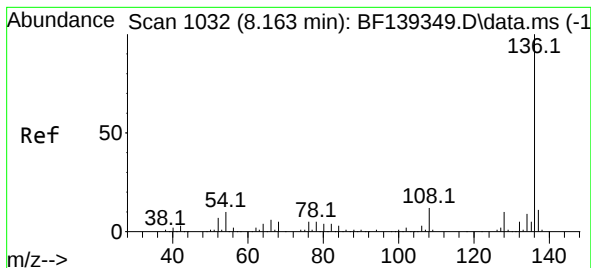
Tgt Ion: 99 Resp: 918173
Ion Ratio Lower Upper
99 100
42 24.8 21.9 32.9
71 39.7 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 24.671 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139484.D
Acq: 20 Sep 2024 01:05

Tgt Ion: 70 Resp: 91627
Ion Ratio Lower Upper
70 100
42 56.1 61.2 91.8#
101 0.0 7.5 11.3#
130 1.7 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139484.D

Acq: 20 Sep 2024 01:05

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-08

Tgt Ion:136 Resp: 291147

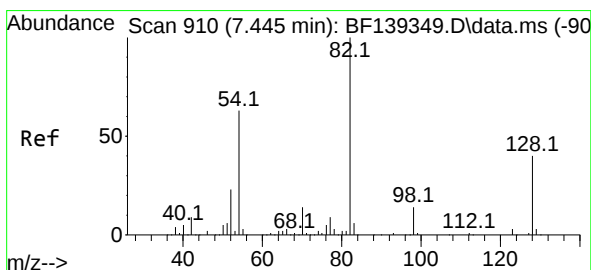
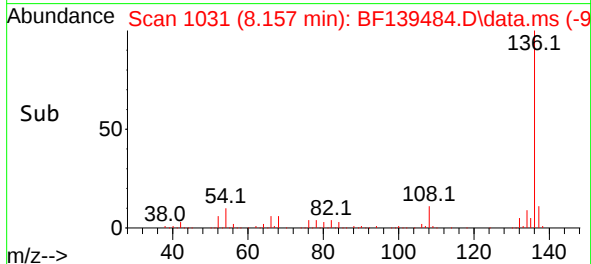
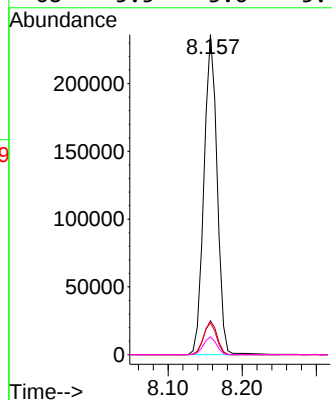
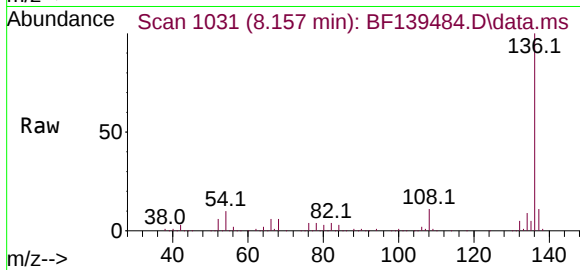
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 10.0 7.8 11.8

68 5.5 3.6 5.4#



#23

Nitrobenzene-d5

Concen: 104.936 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139484.D

Acq: 20 Sep 2024 01:05

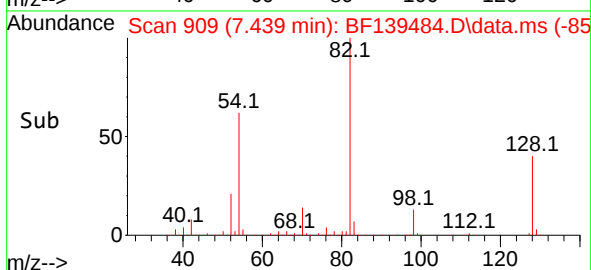
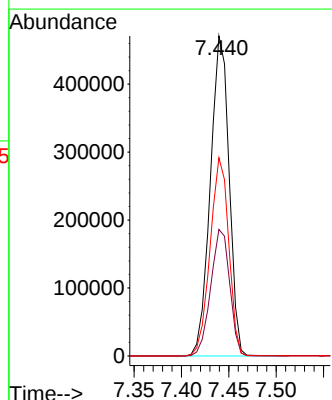
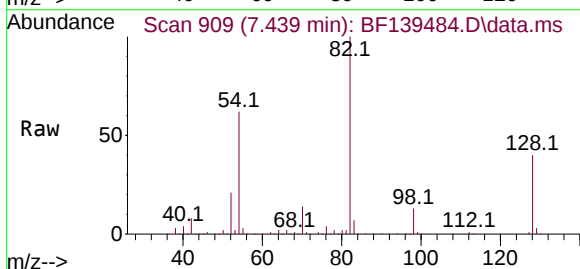
Tgt Ion: 82 Resp: 649881

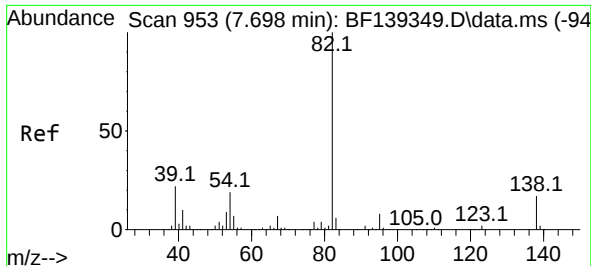
Ion Ratio Lower Upper

82 100

128 39.5 31.8 47.6

54 61.9 50.6 75.8

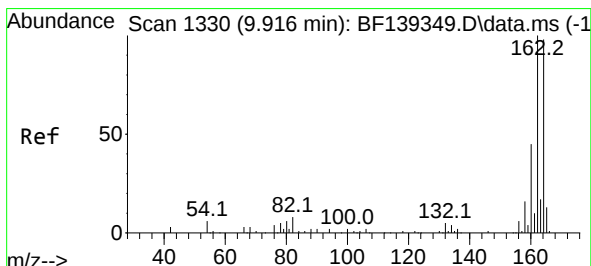
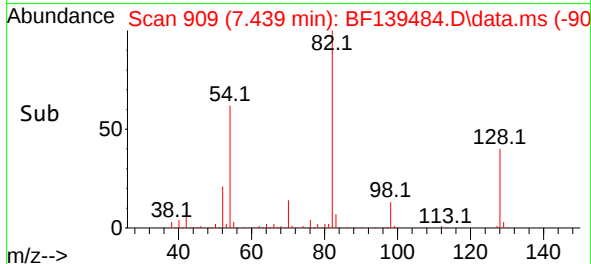
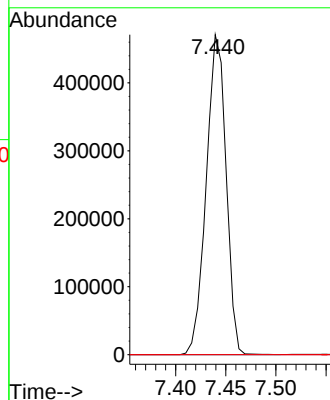
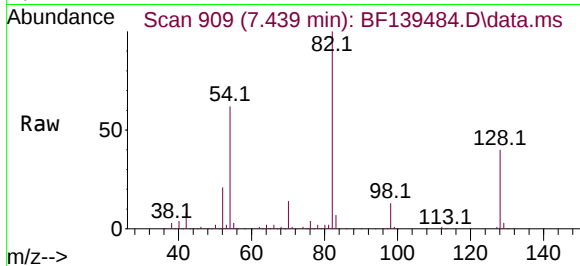




#25
Isophorone
Concen: 66.351 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139484.D
Acq: 20 Sep 2024 01:05

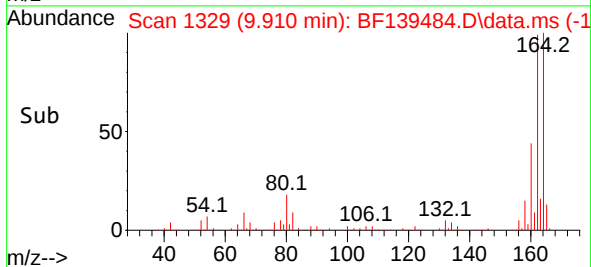
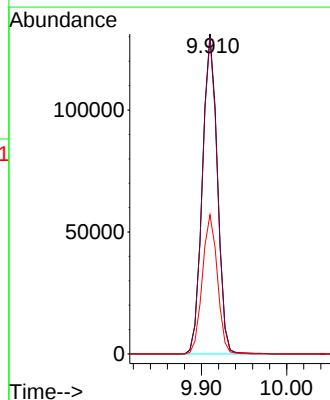
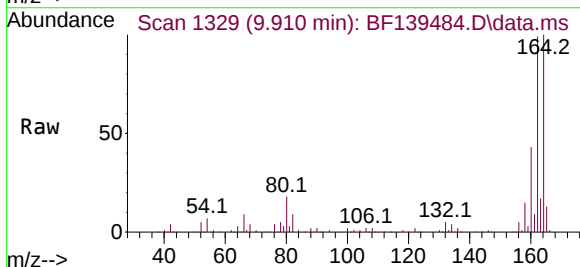
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-08

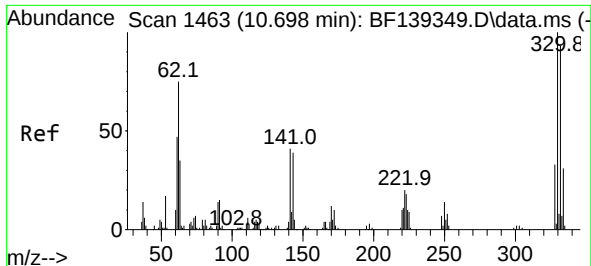
Tgt Ion: 82 Resp: 649875
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139484.D
Acq: 20 Sep 2024 01:05

Tgt Ion:164 Resp: 160290
Ion Ratio Lower Upper
164 100
162 98.8 81.3 121.9
160 43.5 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 143.592 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139484.D

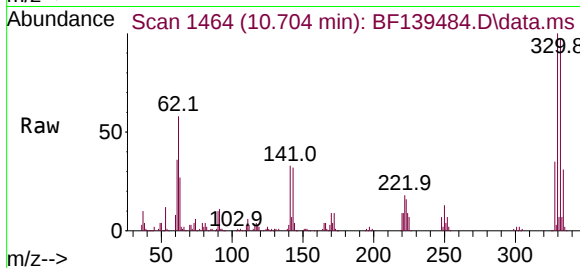
Acq: 20 Sep 2024 01:05

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-08



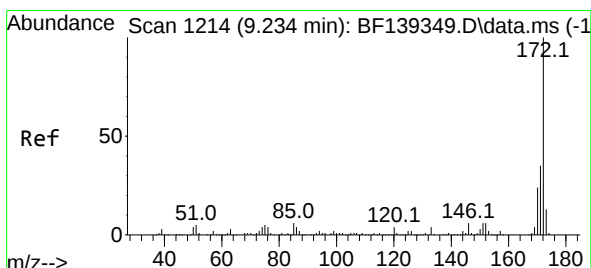
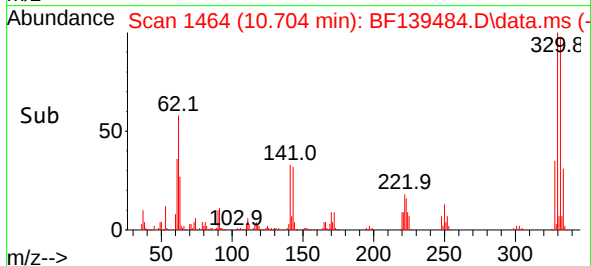
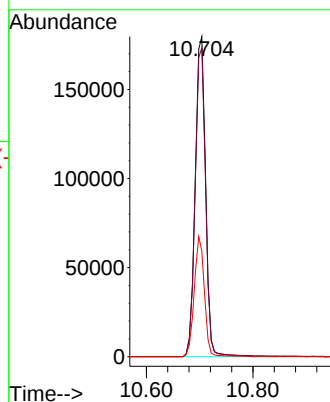
Tgt Ion:330 Resp: 245037

Ion Ratio Lower Upper

330 100

332 96.6 75.2 112.8

141 36.7 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 102.635 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139484.D

Acq: 20 Sep 2024 01:05

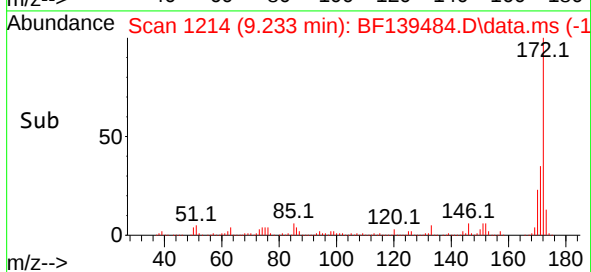
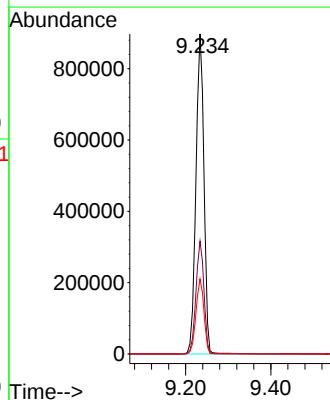
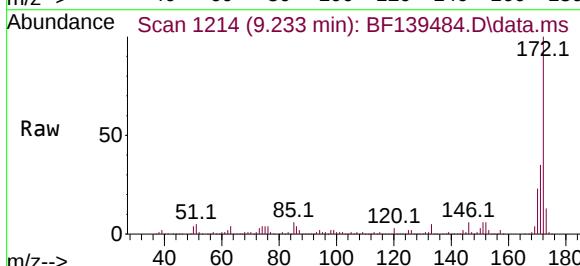
Tgt Ion:172 Resp: 1172989

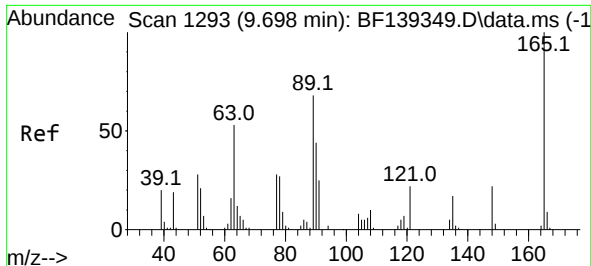
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.0 28.6

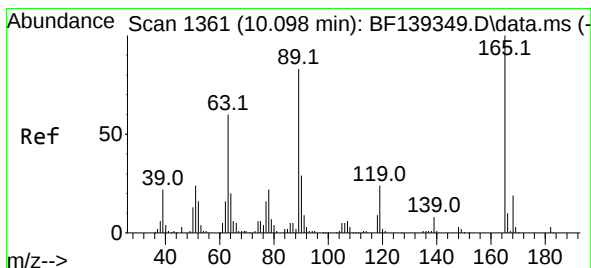
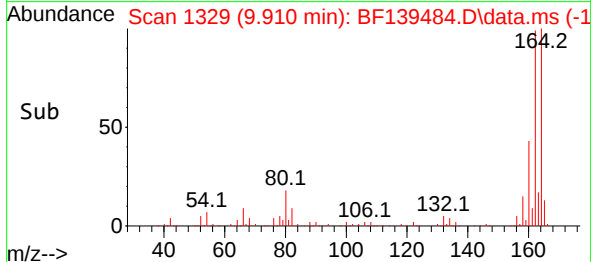
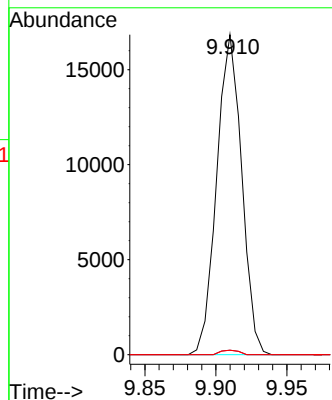
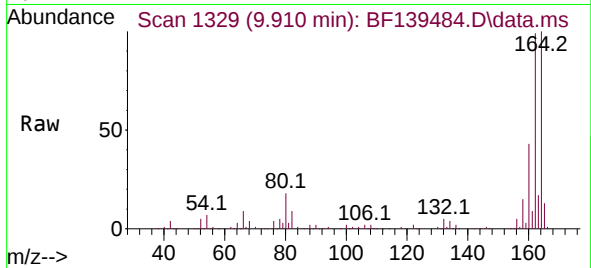




#51
2,6-Dinitrotoluene
Concen: 8.830 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139484.D
Acq: 20 Sep 2024 01:05

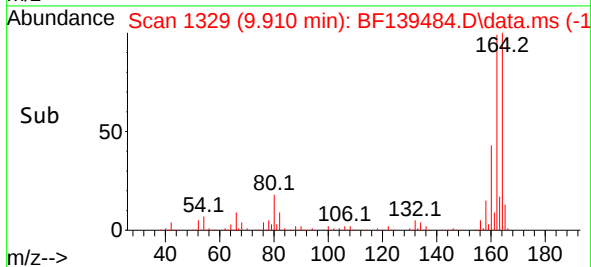
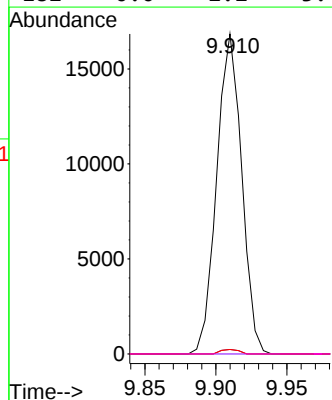
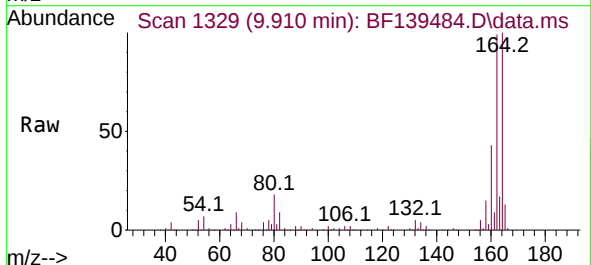
Instrument :
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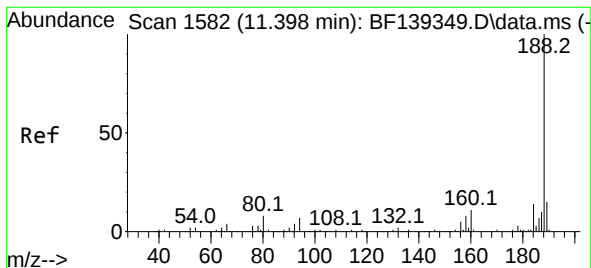
Tgt Ion:165 Resp: 20580
Ion Ratio Lower Upper
165 100
63 1.4 60.9 91.3#
89 1.4 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.541 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139484.D
Acq: 20 Sep 2024 01:05

Tgt Ion:165 Resp: 20580
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.6#
89 1.4 66.7 100.1#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139484.D

Acq: 20 Sep 2024 01:05

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-08

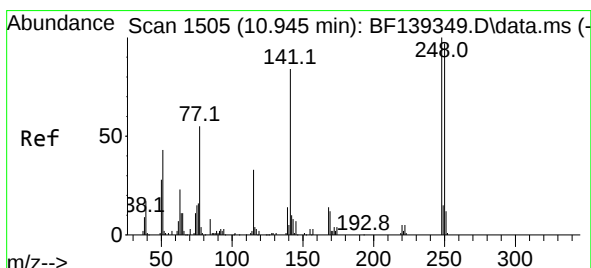
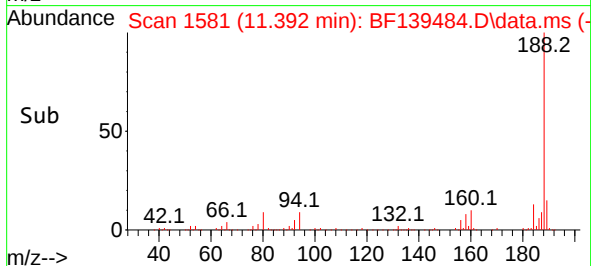
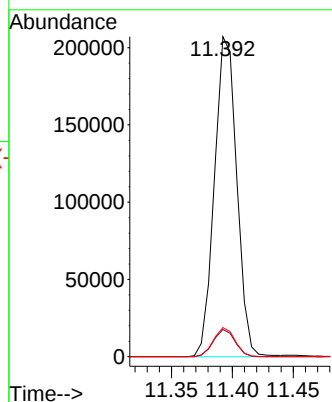
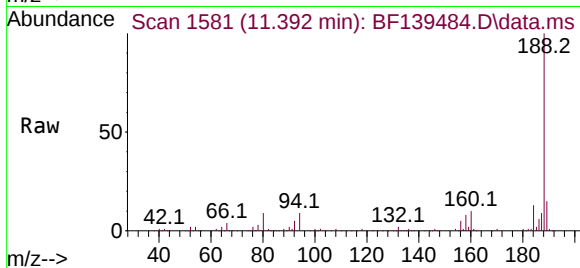
Tgt Ion:188 Resp: 264310

Ion Ratio Lower Upper

188 100

94 8.5 5.5 8.3#

80 9.1 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 6.342 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139484.D

Acq: 20 Sep 2024 01:05

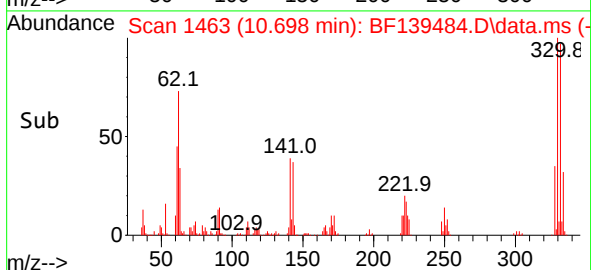
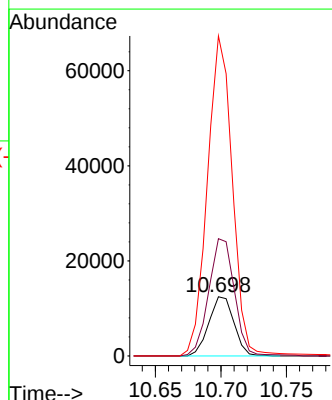
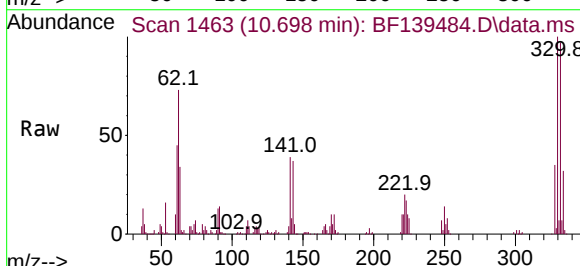
Tgt Ion:248 Resp: 16612

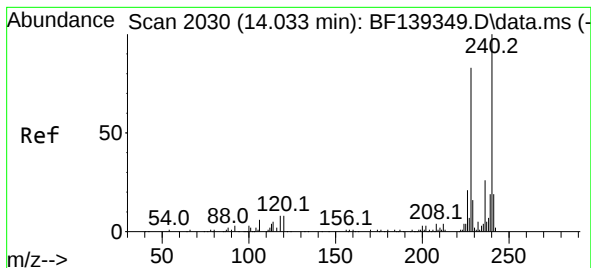
Ion Ratio Lower Upper

248 100

250 198.1 77.6 116.4#

141 540.6 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139484.D

Acq: 20 Sep 2024 01:05

Instrument :

BNA_F

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NB-614-COMP-08

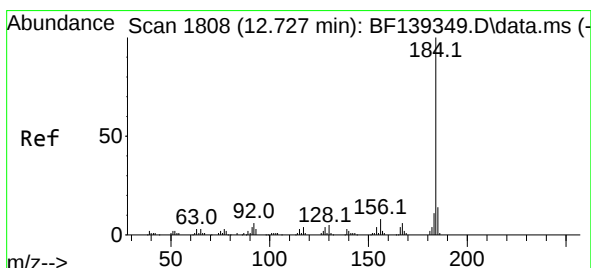
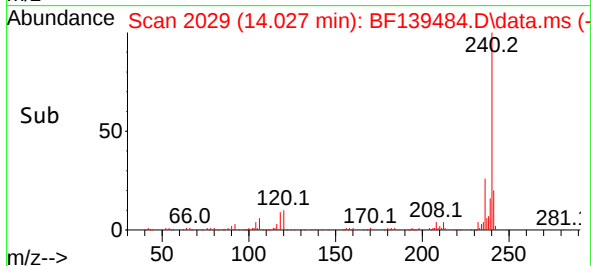
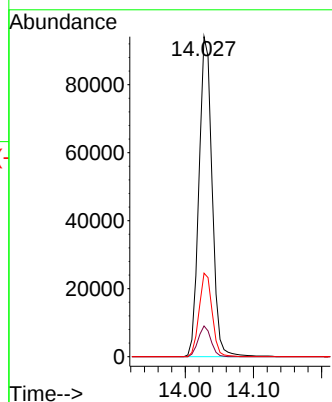
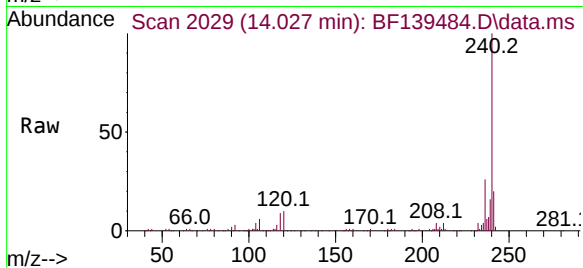
Tgt Ion:240 Resp: 125496

Ion Ratio Lower Upper

240 100

120 9.6 6.2 9.2#

236 26.1 20.9 31.3



#77

Benzidine

Concen: 7.080 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139484.D

Acq: 20 Sep 2024 01:05

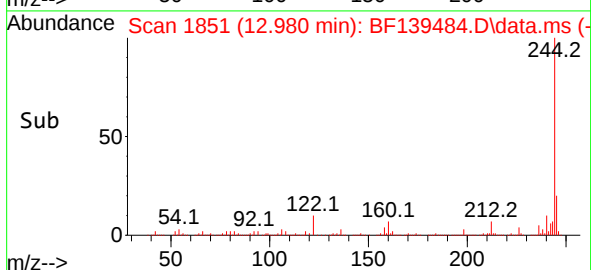
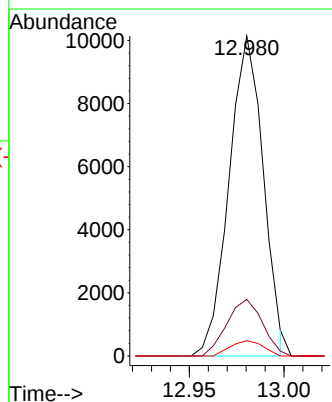
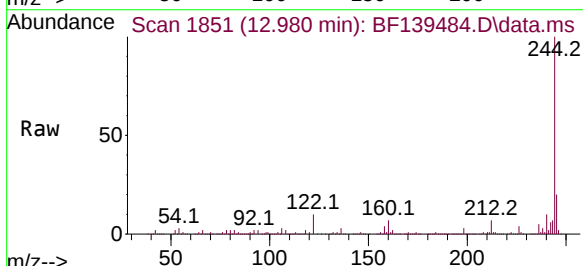
Tgt Ion:184 Resp: 12729

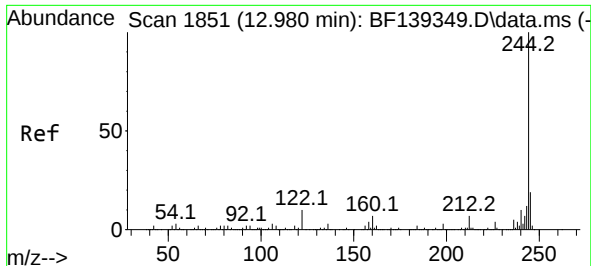
Ion Ratio Lower Upper

184 100

185 17.6 11.5 17.3#

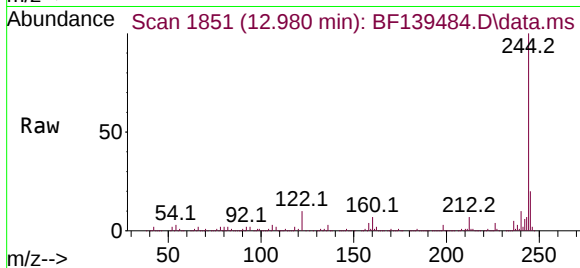
183 4.8 8.9 13.3#



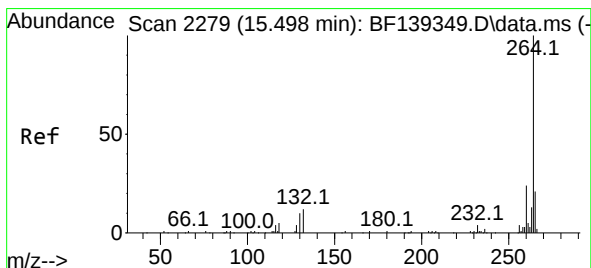
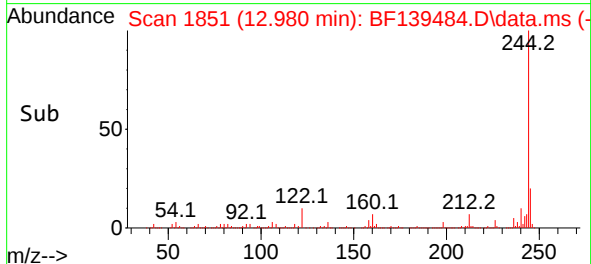
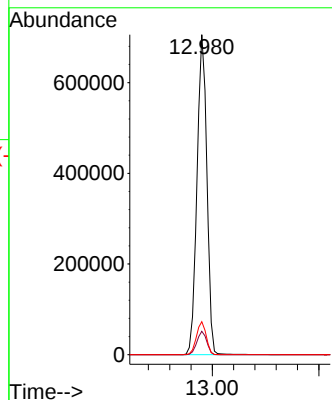


#79
Terphenyl-d14
Concen: 118.631 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139484.D
Acq: 20 Sep 2024 01:05

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-08



Tgt Ion:244 Resp: 907020
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 10.3 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: BF139484.D
Acq: 20 Sep 2024 01:05

Tgt Ion:264 Resp: 109798
Ion Ratio Lower Upper
264 100
260 23.5 19.5 29.3
265 21.2 16.6 25.0

