

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)

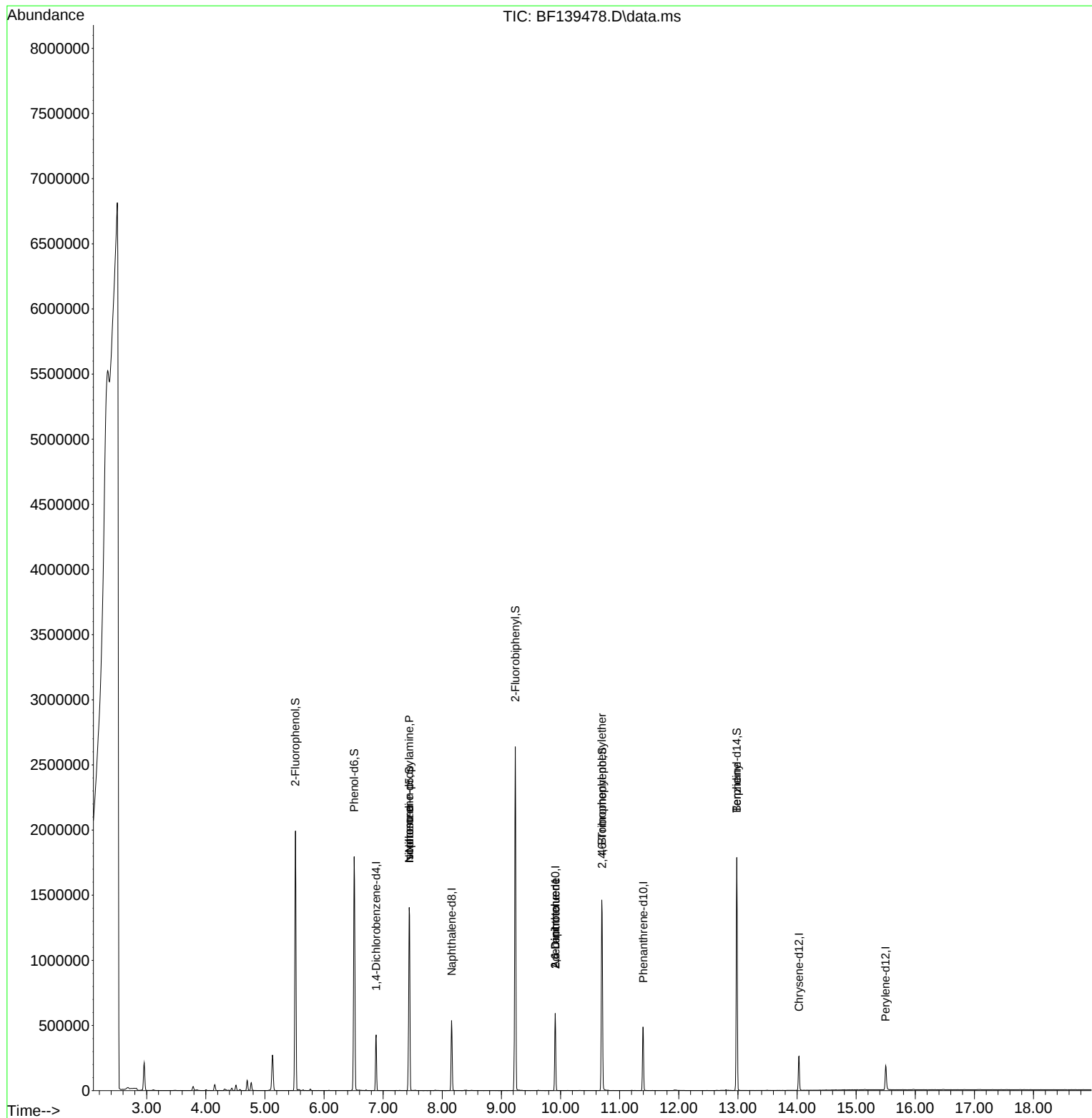
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	84444	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	313778	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	170463	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	268409	20.000	ng	0.00
76) Chrysene-d12	14.033	240	131296	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.439	70	89348	22.192	ng	# 74
25) Isophorone	7.439	82	641896	60.810	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	21356	8.616	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	21356	6.382	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	16371	6.155	ng	# 1
77) Benzidine	12.980	184	11938	6.346	ng	# 91

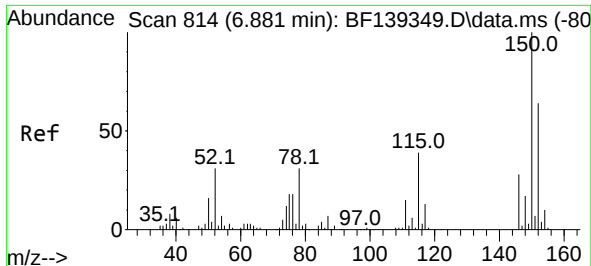
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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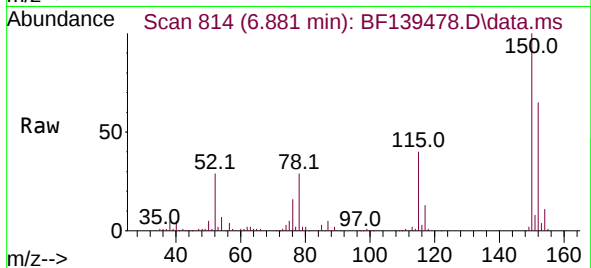
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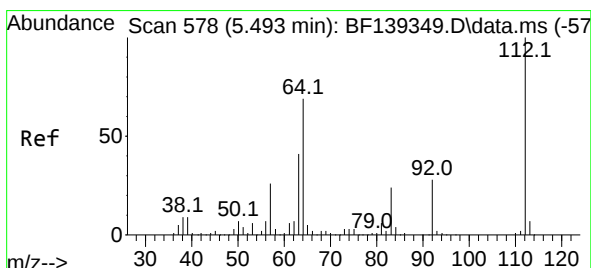
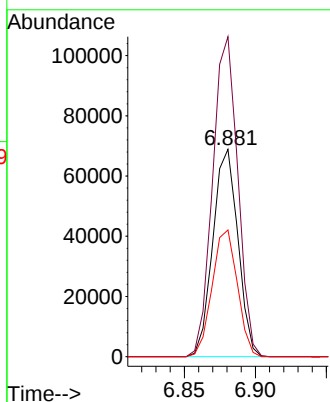
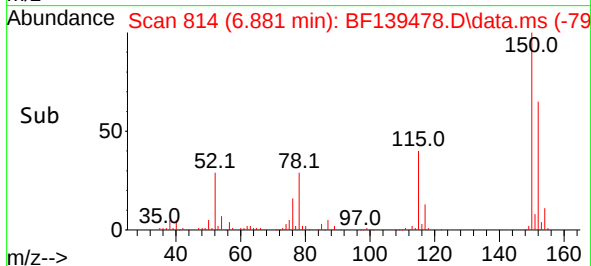


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139478.D
Acq: 19 Sep 2024 22:13

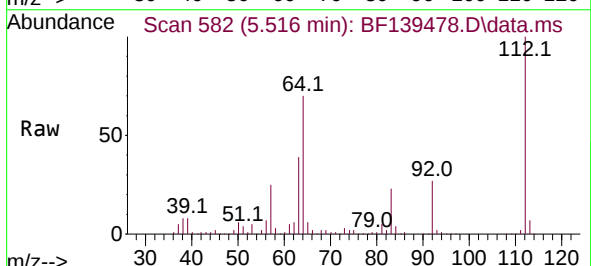
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-02



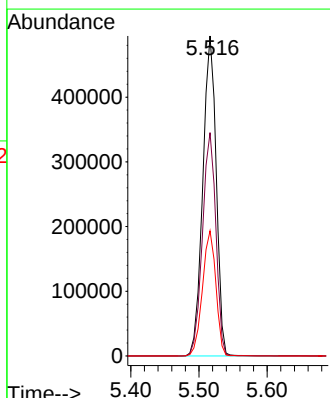
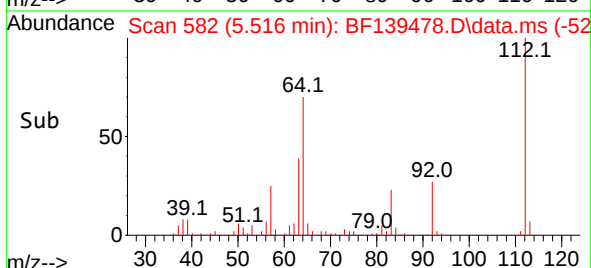
Tgt Ion:152 Resp: 84444
Ion Ratio Lower Upper
152 100
150 154.4 124.1 186.1
115 61.1 48.1 72.1

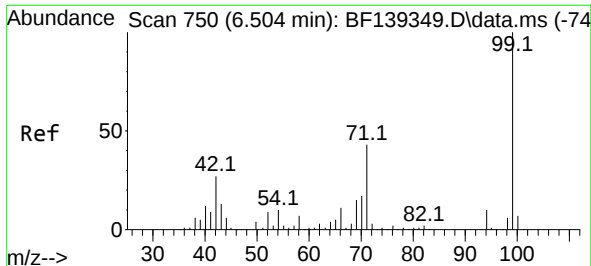


#5
2-Fluorophenol
Concen: 130.776 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF139478.D
Acq: 19 Sep 2024 22:13



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

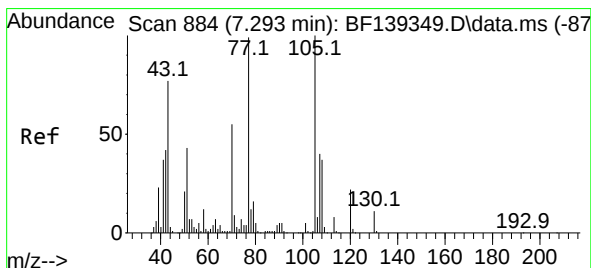
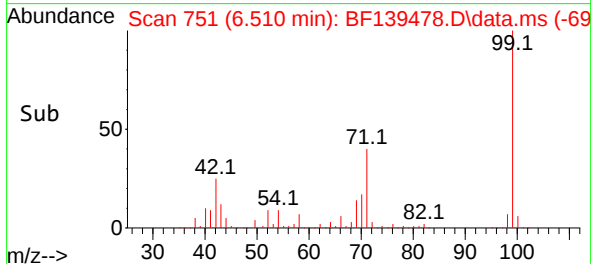
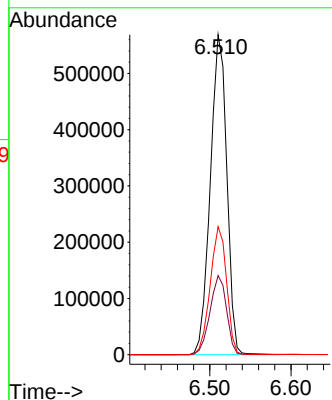
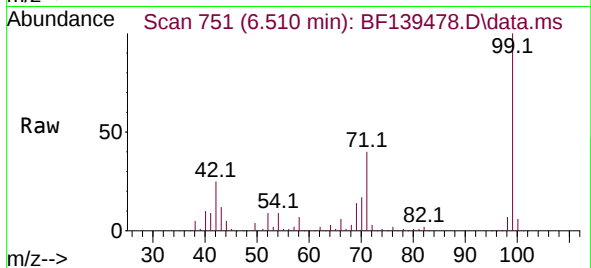




#7
Phenol-d6
Concen: 117.959 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139478.D
Acq: 19 Sep 2024 22:13

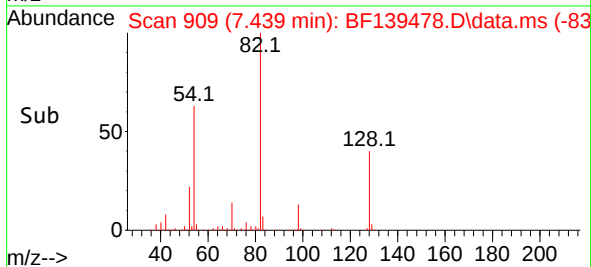
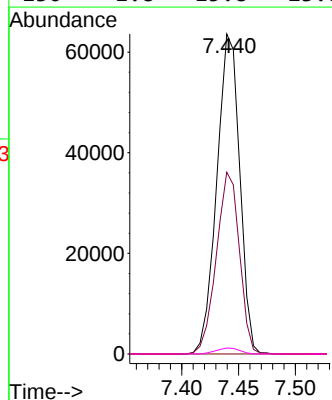
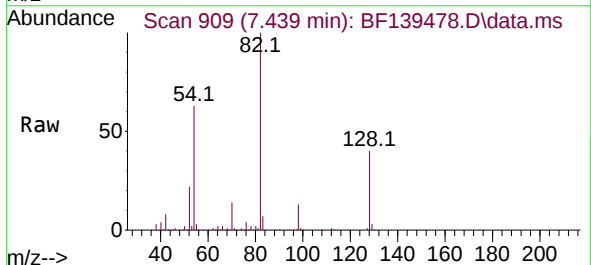
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-02

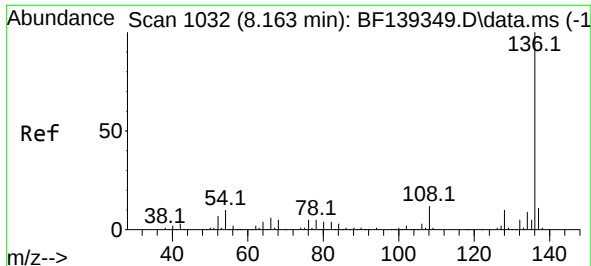
Tgt Ion: 99 Resp: 801450
Ion Ratio Lower Upper
99 100
42 24.7 21.9 32.9
71 40.0 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.192 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139478.D
Acq: 19 Sep 2024 22:13

Tgt Ion: 70 Resp: 89348
Ion Ratio Lower Upper
70 100
42 56.8 61.2 91.8#
101 0.0 7.5 11.3#
130 1.8 15.8 23.8#



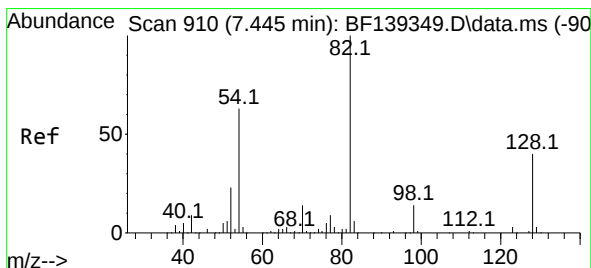
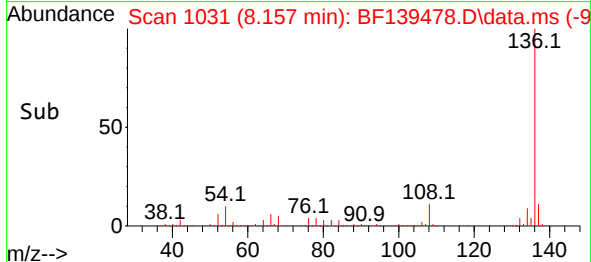
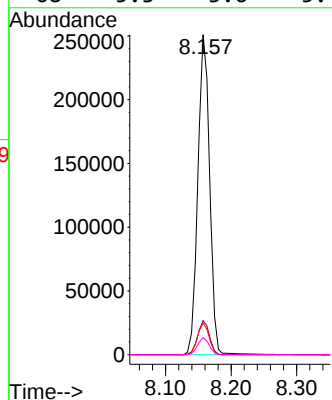
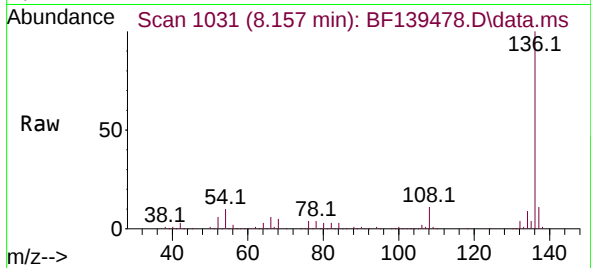


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139478.D
Acq: 19 Sep 2024 22:13

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

Tgt Ion:136 Resp: 313778

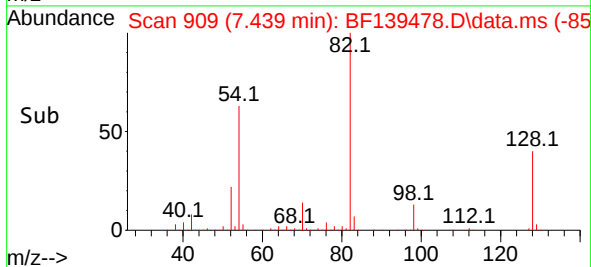
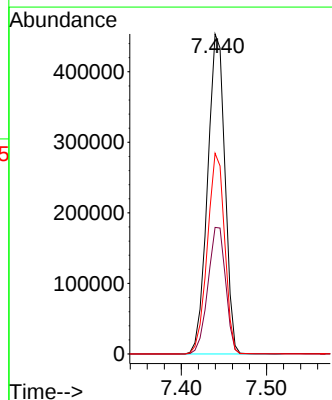
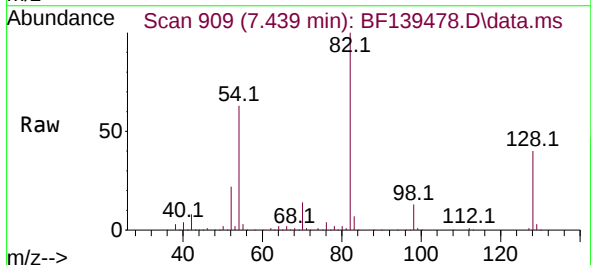
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.9	7.8	11.8
68	5.3	3.6	5.4

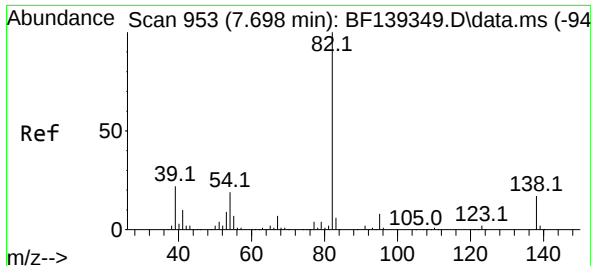


#23
Nitrobenzene-d5
Concen: 96.173 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139478.D
Acq: 19 Sep 2024 22:13

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

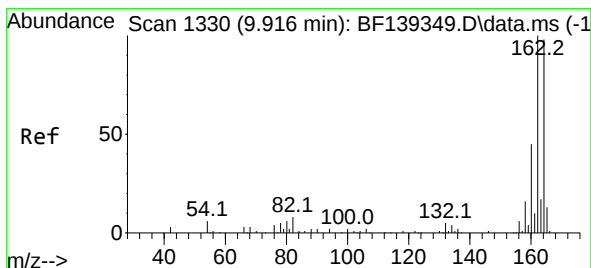
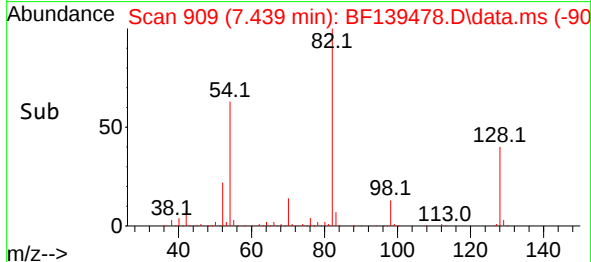
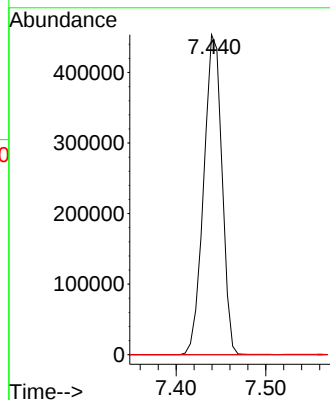
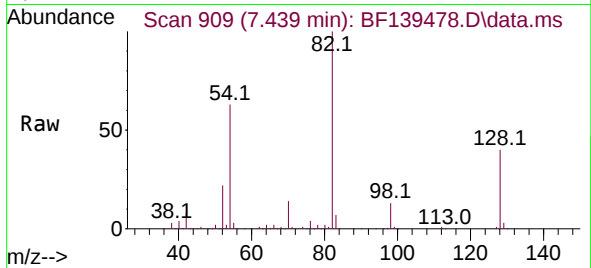




#25
Isophorone
Concen: 60.810 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139478.D
Acq: 19 Sep 2024 22:13

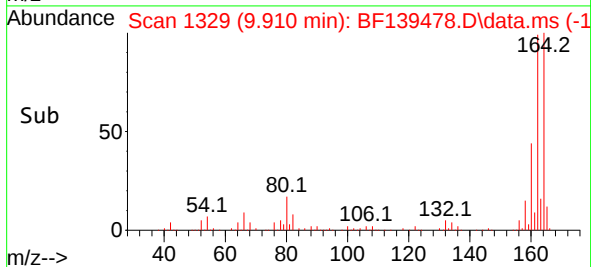
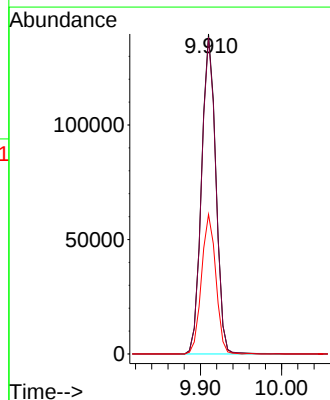
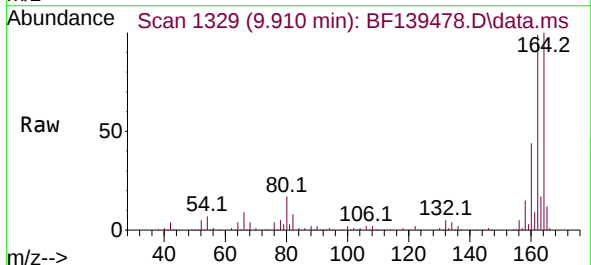
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-02

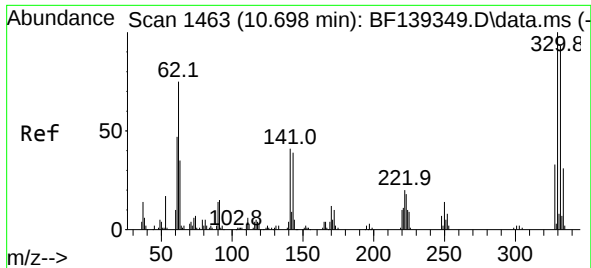
Tgt Ion: 82 Resp: 641896
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: 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

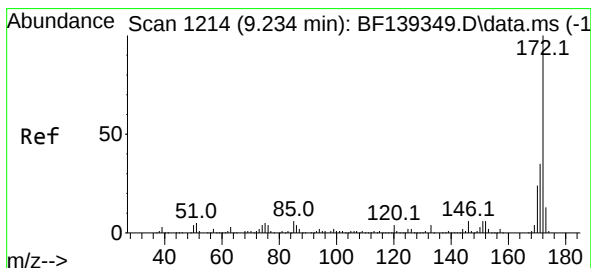
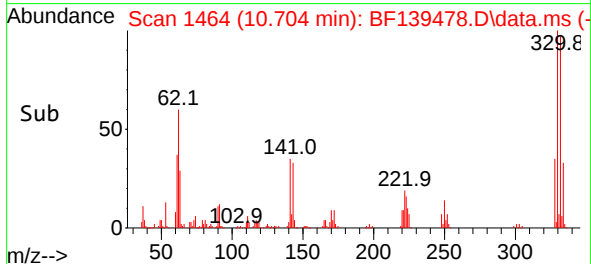
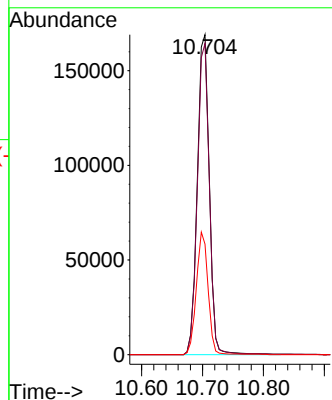
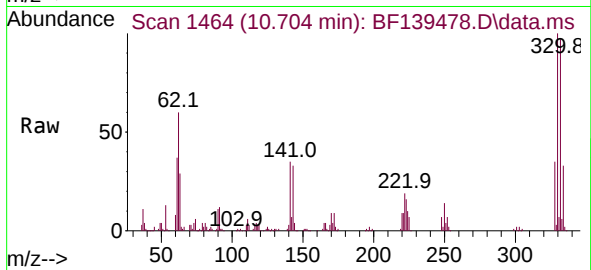
Tgt Ion:330 Resp: 231451

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

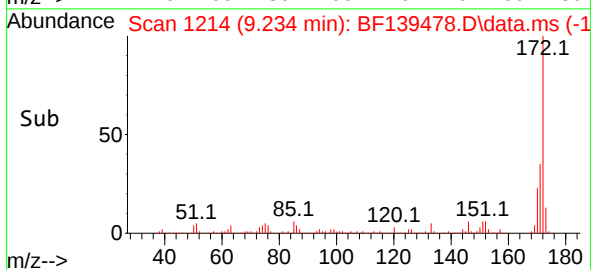
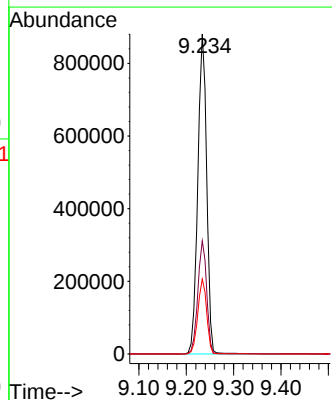
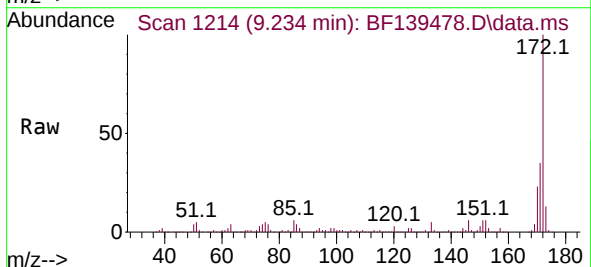
Tgt Ion:172 Resp: 1150711

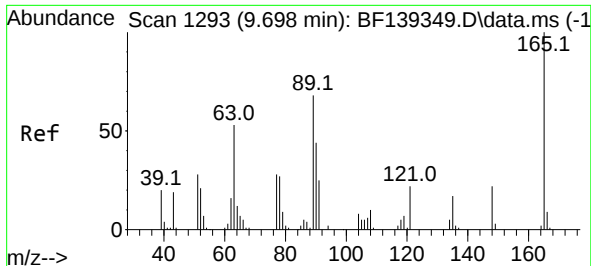
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.4 19.0 28.6

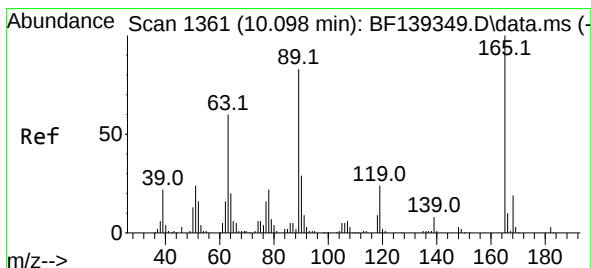
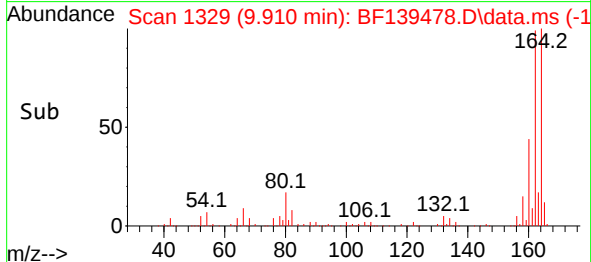
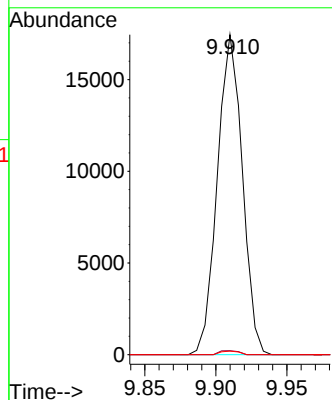
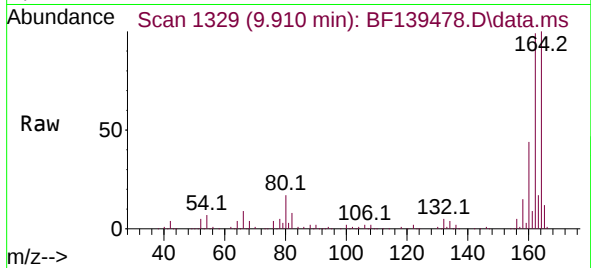




#51
2,6-Dinitrotoluene
Concen: 8.616 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139478.D
Acq: 19 Sep 2024 22:13

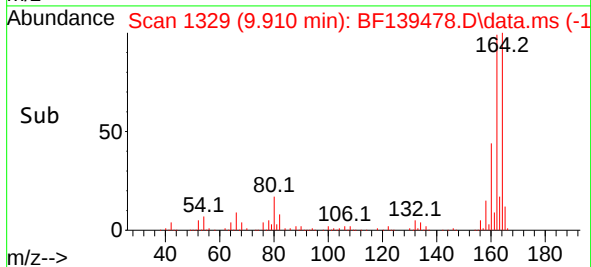
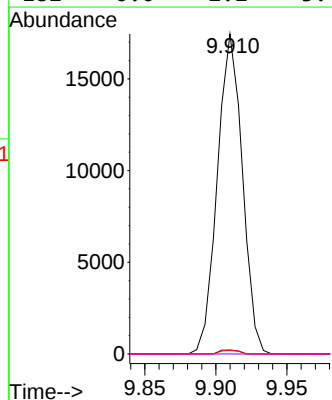
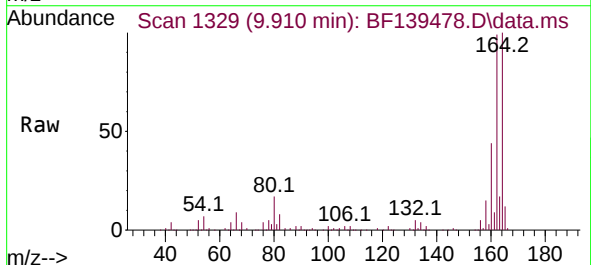
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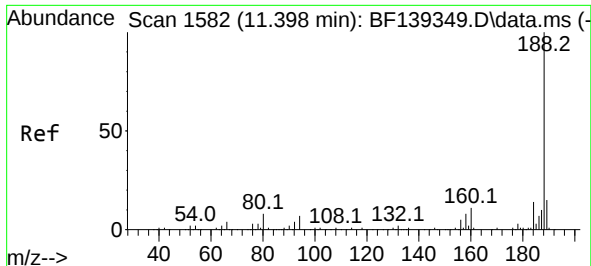
Tgt Ion:165 Resp: 21356
Ion Ratio Lower Upper
165 100
63 1.3 60.9 91.3#
89 1.1 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.382 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139478.D
Acq: 19 Sep 2024 22:13

Tgt Ion:165 Resp: 21356
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.6#
89 1.1 66.7 100.1#
182 0.0 2.2 3.4#

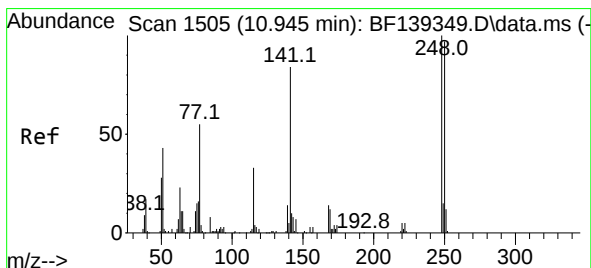
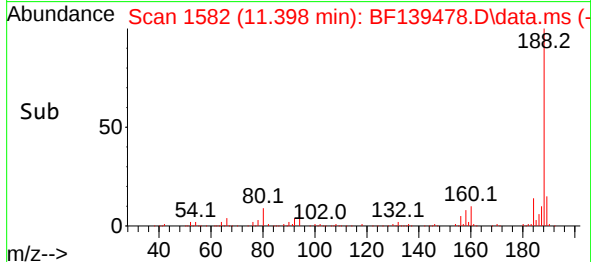
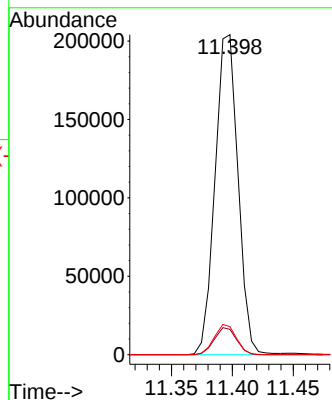
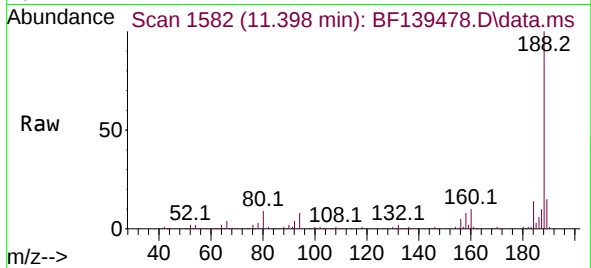




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139478.D
Acq: 19 Sep 2024 22:13

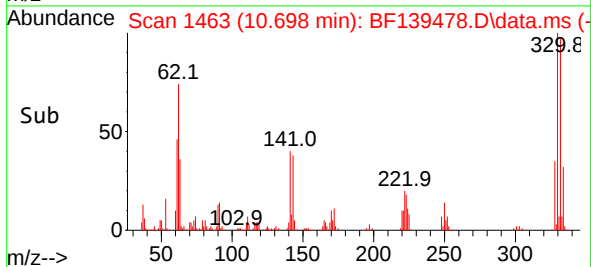
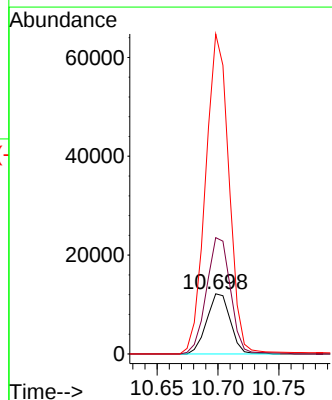
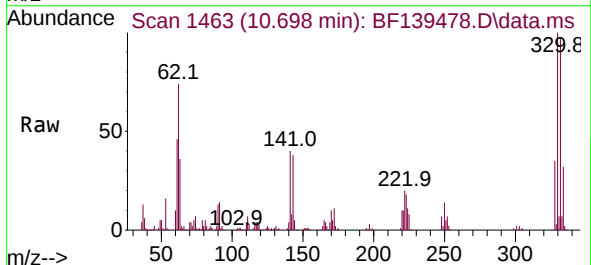
Instrument :
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NB-614-COMP-02

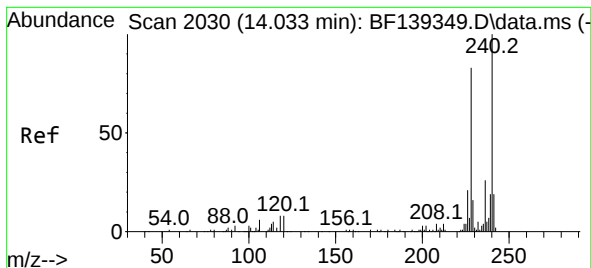
Tgt Ion:188 Resp: 268409
Ion Ratio Lower Upper
188 100
94 7.9 5.5 8.3
80 8.7 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 6.155 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139478.D
Acq: 19 Sep 2024 22:13

Tgt Ion:248 Resp: 16371
Ion Ratio Lower Upper
248 100
250 193.6 77.6 116.4#
141 532.5 66.9 100.3#





#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

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-02

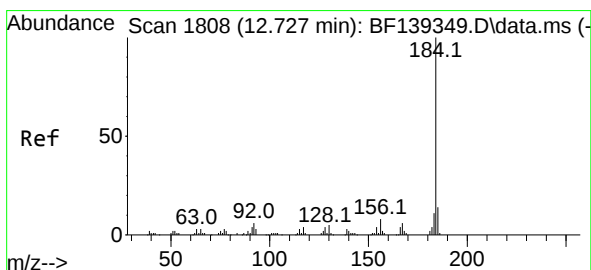
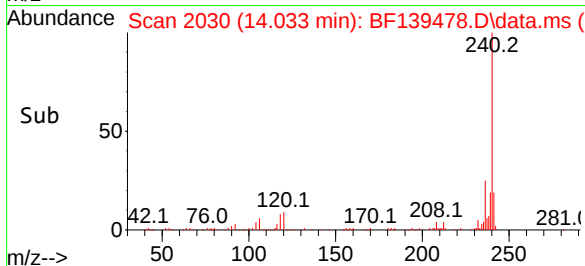
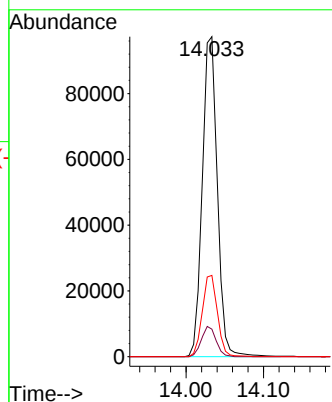
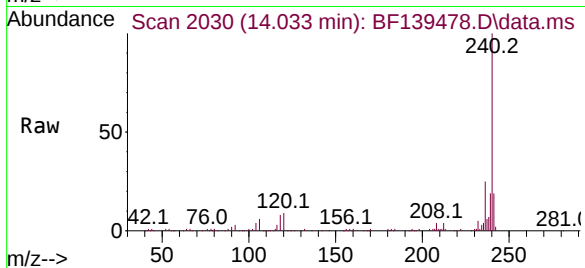
Tgt Ion:240 Resp: 131296

Ion Ratio Lower Upper

240 100

120 8.6 6.2 9.2

236 25.4 20.9 31.3



#77

Benzidine

Concen: 6.346 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139478.D

Acq: 19 Sep 2024 22:13

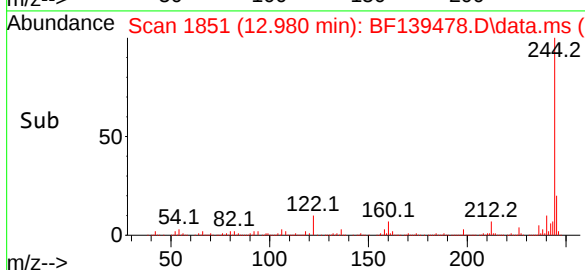
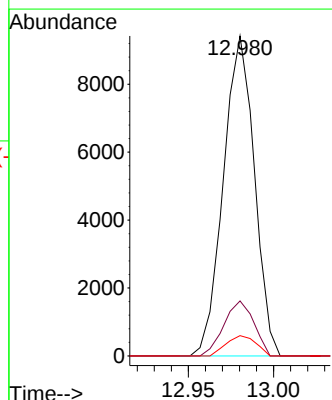
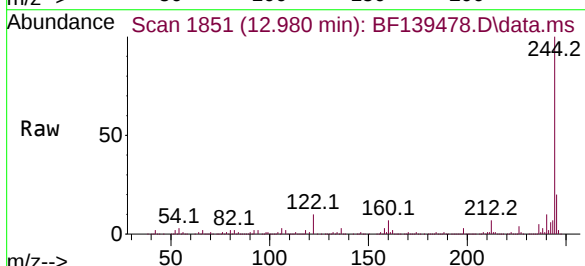
Tgt Ion:184 Resp: 11938

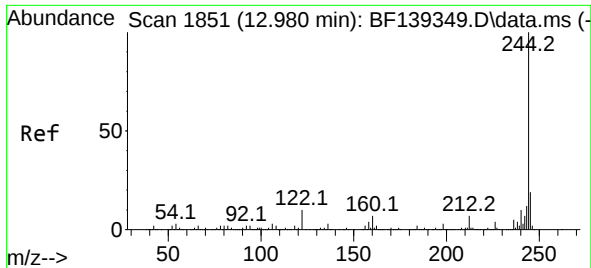
Ion Ratio Lower Upper

184 100

185 17.2 11.5 17.3

183 6.4 8.9 13.3#

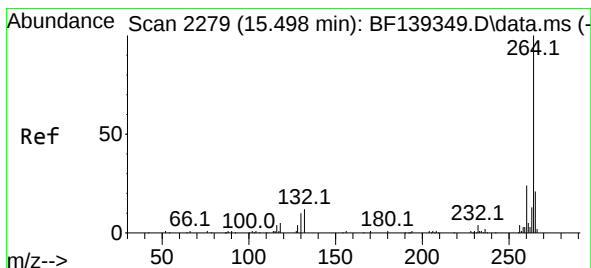
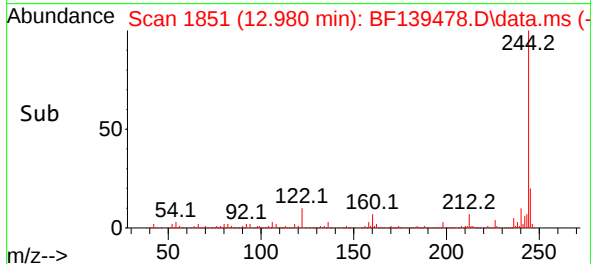
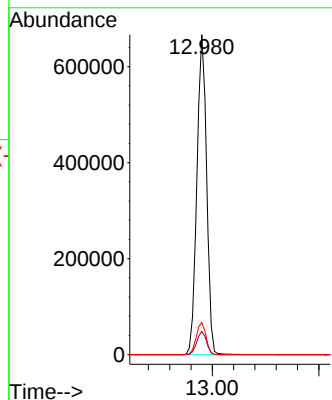
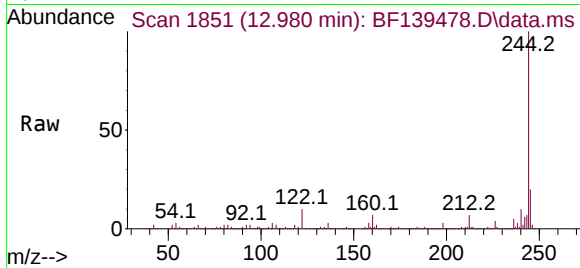




#79
 Terphenyl-d14
 Concen: 105.946 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139478.D
 Acq: 19 Sep 2024 22:13

Instrument :
 BNA_F
 ClientSampleId :
 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

