

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139485.D
 Acq On : 20 Sep 2024 01:34
 Operator : RC/JU
 Sample : P4088-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Sep 20 02:26:19 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)

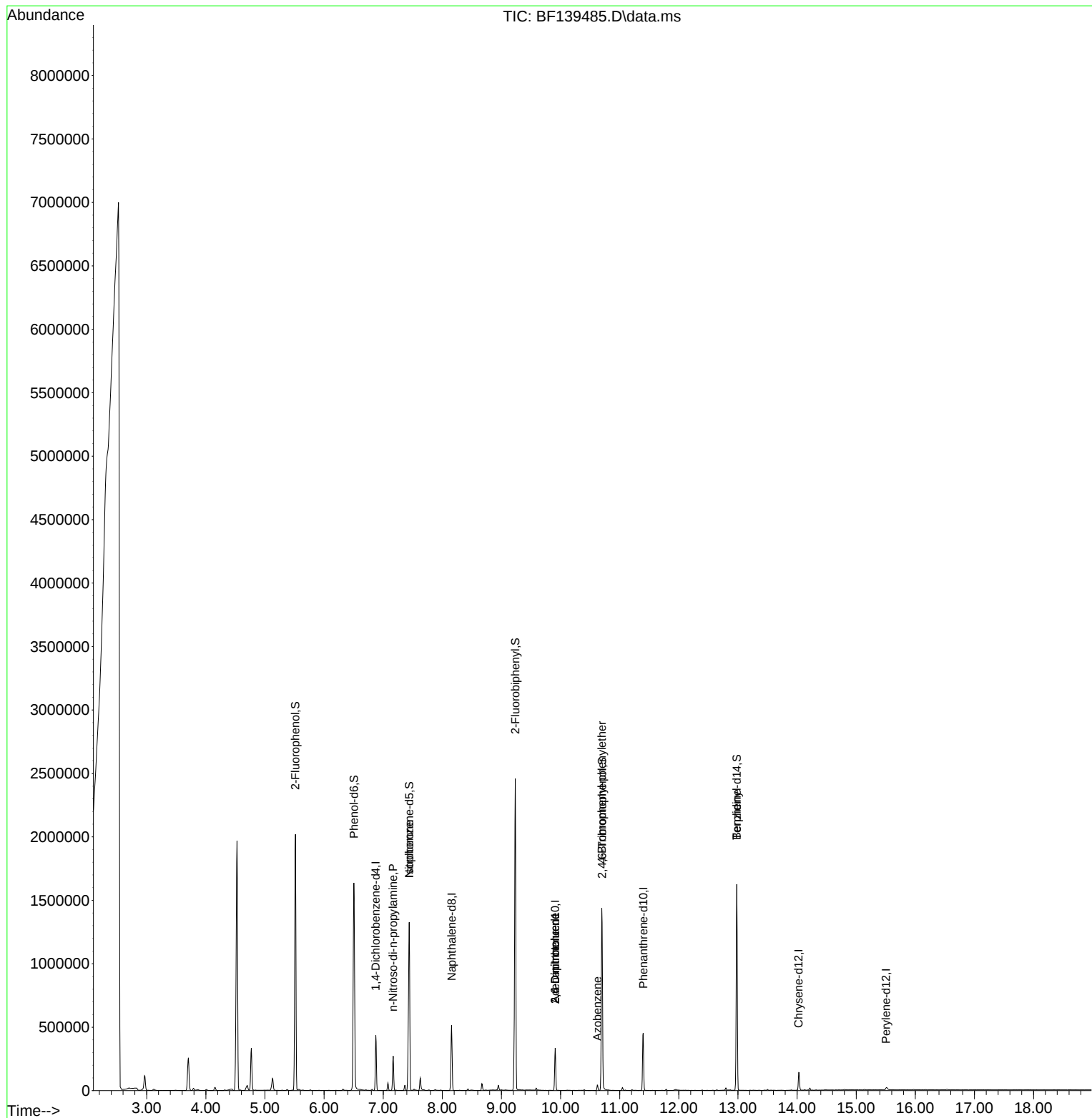
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	86304	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	315115	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	80210	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	215090	20.000	ng	0.00
76) Chrysene-d12	14.027	240	55503	20.000	ng	0.00
86) Perylene-d12	15.504	264	2247	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	712442	134.668	ng	0.02
7) Phenol-d6	6.504	99	555673	80.023	ng	0.00
23) Nitrobenzene-d5	7.439	82	640423	95.544	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	231205	270.753	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1139241	199.203	ng	0.00
79) Terphenyl-d14	12.980	244	680525	201.252	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.169	70	17021	4.136	ng	# 46
25) Isophorone	7.439	82	636690	60.061	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	9775	8.382	ng	# 18
57) 2,4-Dinitrotoluene	9.910	165	9775	6.208	ng	# 19
63) Azobenzene	10.622	77	10963	2.052	ng	# 6
67) 4-Bromophenyl-phenylether	10.698	248	15651	7.343	ng	# 1
77) Benzidine	12.980	184	10717	13.477	ng	# 95

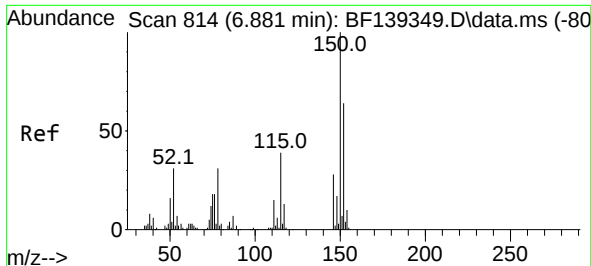
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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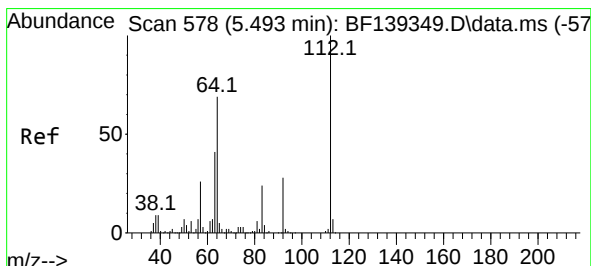
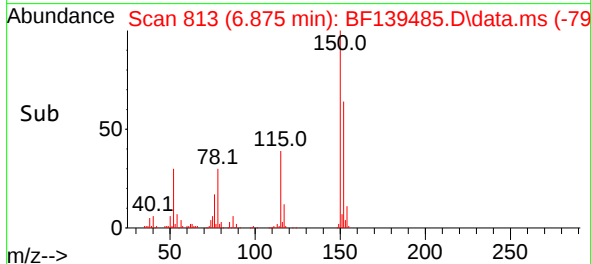
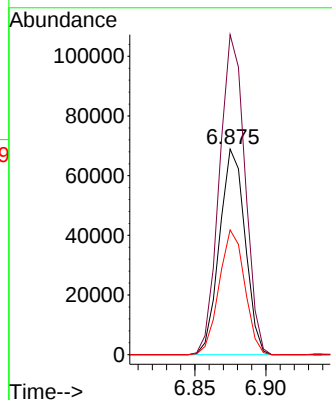
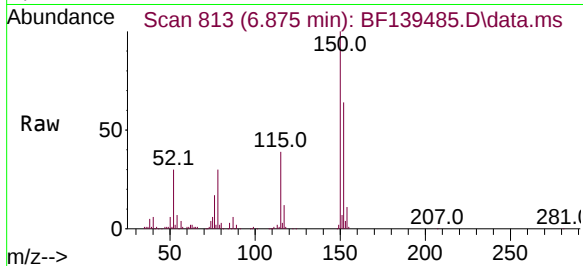




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139485.D
Acq: 20 Sep 2024 01:34

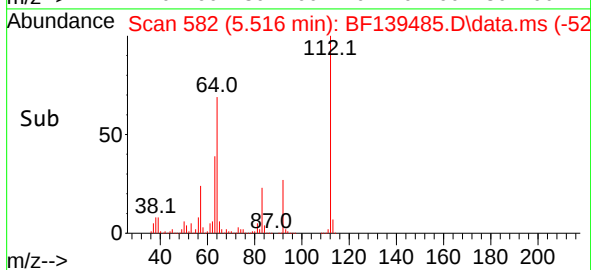
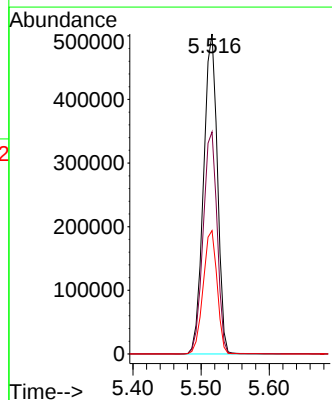
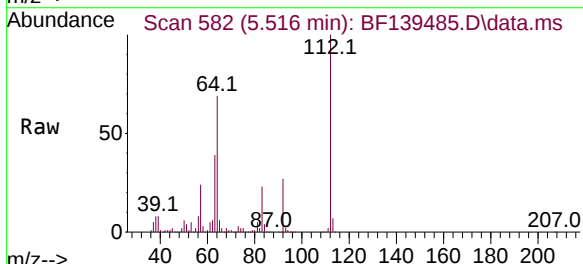
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-09

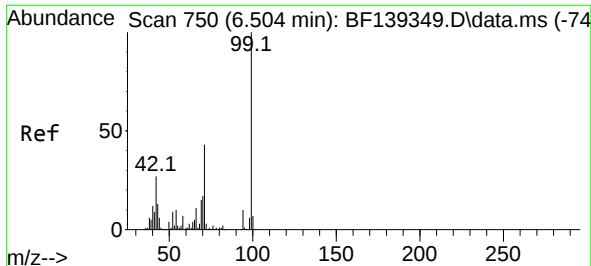
Tgt Ion:152 Resp: 86304
Ion Ratio Lower Upper
152 100
150 155.7 124.1 186.1
115 60.7 48.1 72.1



#5
2-Fluorophenol
Concen: 134.668 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF139485.D
Acq: 20 Sep 2024 01:34

Tgt Ion:112 Resp: 712442
Ion Ratio Lower Upper
112 100
64 69.4 54.8 82.2
63 38.5 33.0 49.4

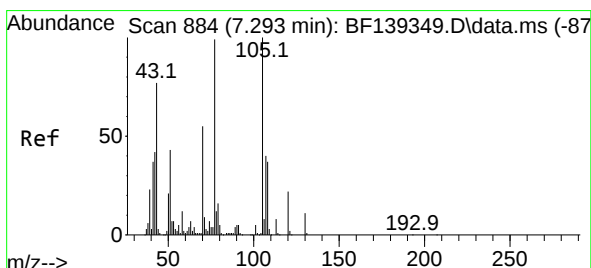
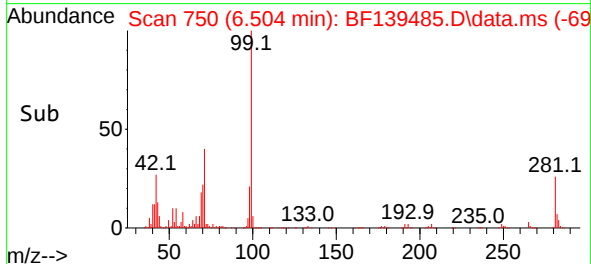
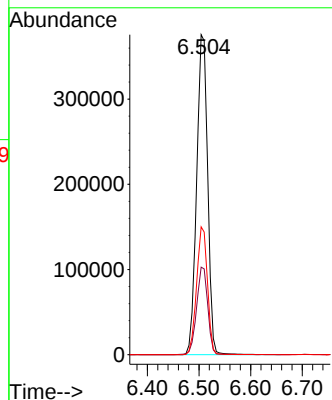
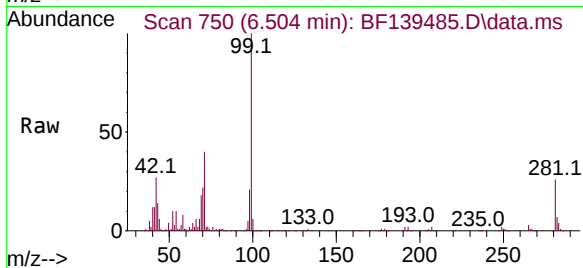




#7
Phenol-d6
Concen: 80.023 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139485.D
Acq: 20 Sep 2024 01:34

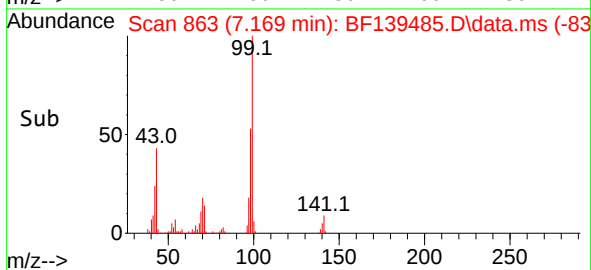
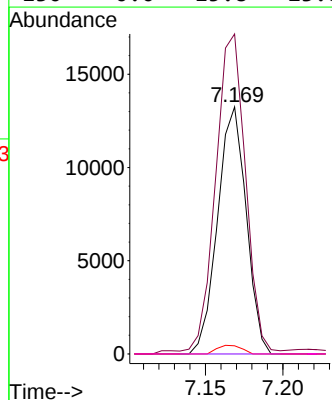
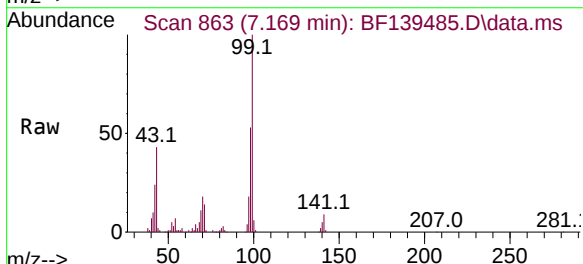
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-09

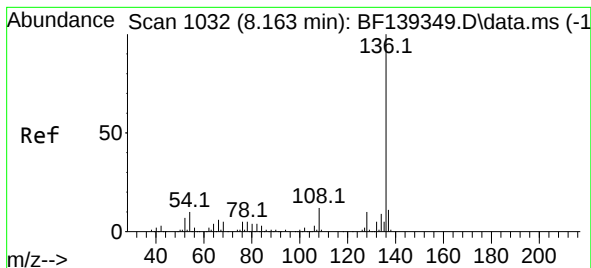
Tgt Ion: 99 Resp: 555673
Ion Ratio Lower Upper
99 100
42 27.3 21.9 32.9
71 39.9 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 4.136 ng
RT: 7.169 min Scan# 863
Delta R.T. -0.124 min
Lab File: BF139485.D
Acq: 20 Sep 2024 01:34

Tgt Ion: 70 Resp: 17021
Ion Ratio Lower Upper
70 100
42 129.5 61.2 91.8#
101 3.3 7.5 11.3#
130 0.0 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: BF139485.D

Acq: 20 Sep 2024 01:34

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-09

Tgt Ion:136 Resp: 315115

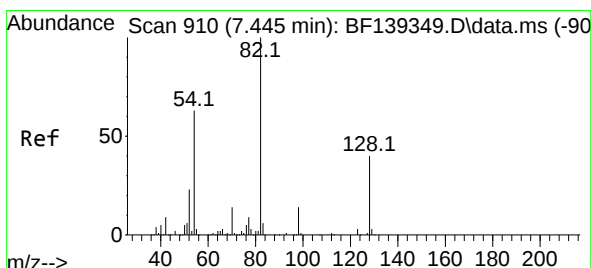
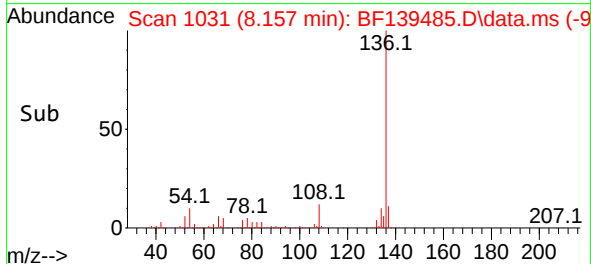
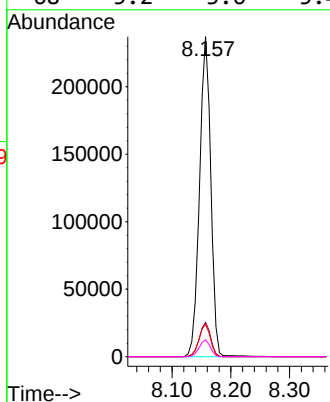
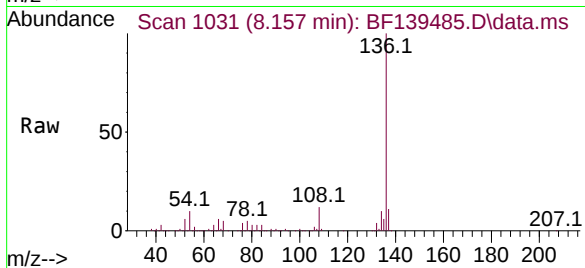
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 10.1 7.8 11.8

68 5.2 3.6 5.4



#23

Nitrobenzene-d5

Concen: 95.544 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139485.D

Acq: 20 Sep 2024 01:34

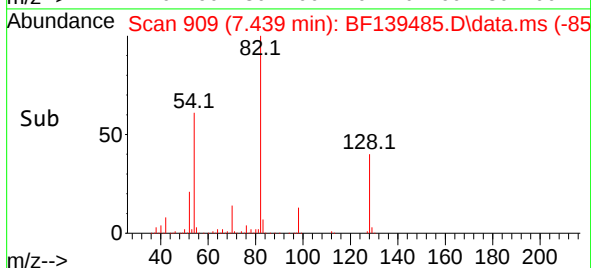
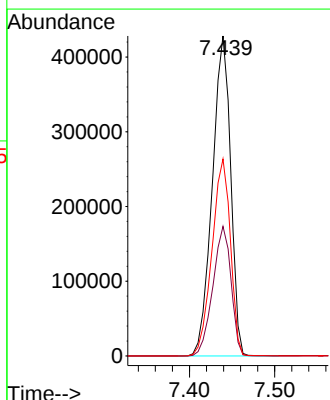
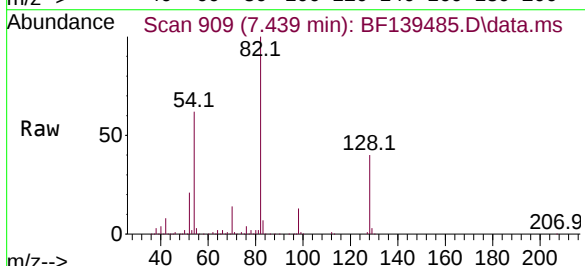
Tgt Ion: 82 Resp: 640423

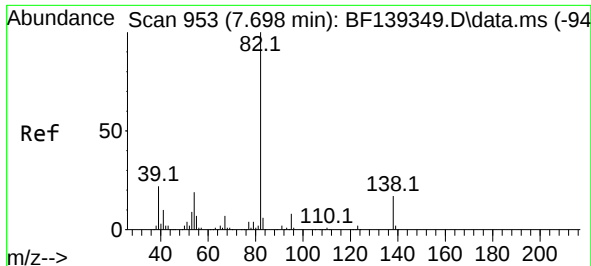
Ion Ratio Lower Upper

82 100

128 40.5 31.8 47.6

54 61.6 50.6 75.8

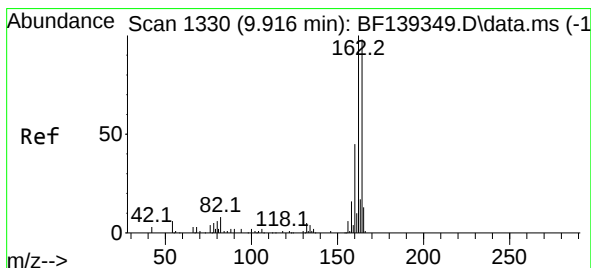
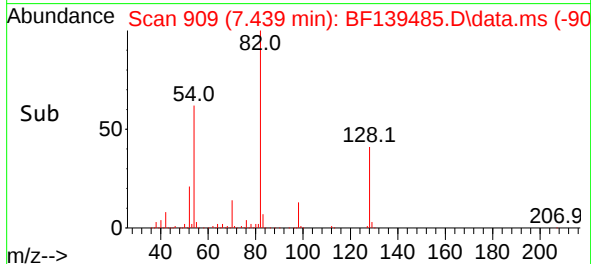
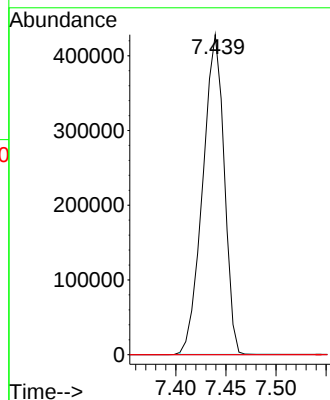
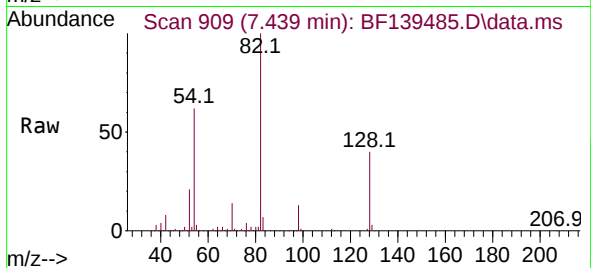




#25
Isophorone
Concen: 60.061 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139485.D
Acq: 20 Sep 2024 01:34

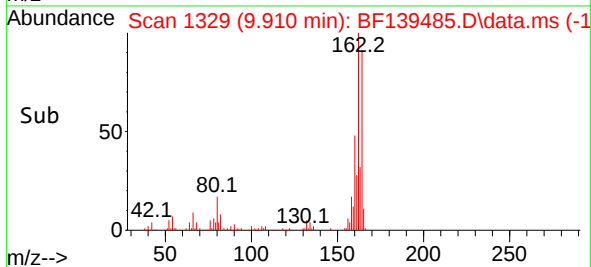
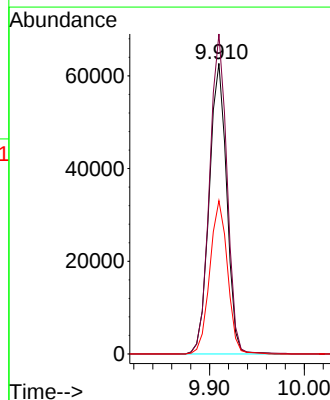
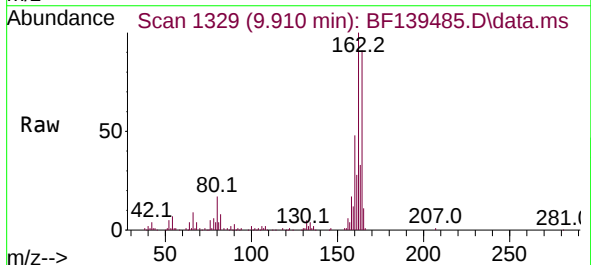
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-09

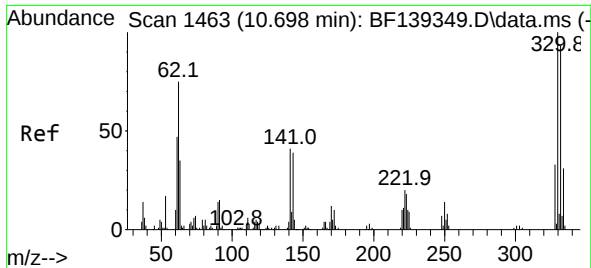
Tgt Ion: 82 Resp: 636690
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139485.D
Acq: 20 Sep 2024 01:34

Tgt Ion: 164 Resp: 80210
Ion Ratio Lower Upper
164 100
162 110.1 81.3 121.9
160 52.8 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 270.753 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139485.D

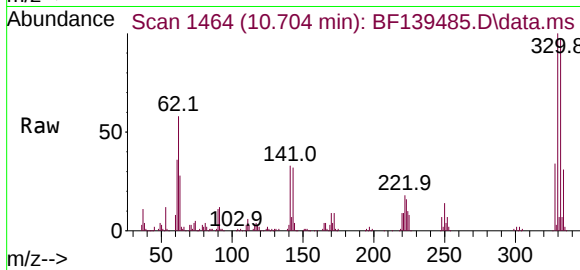
Acq: 20 Sep 2024 01:34

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-09



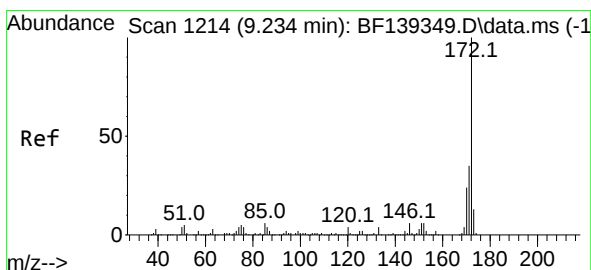
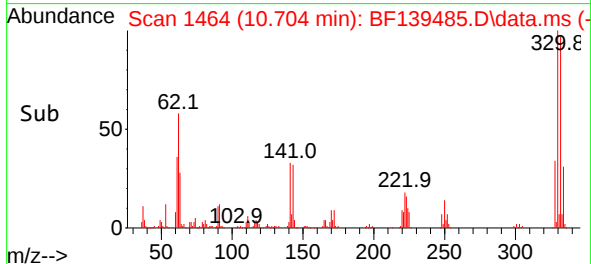
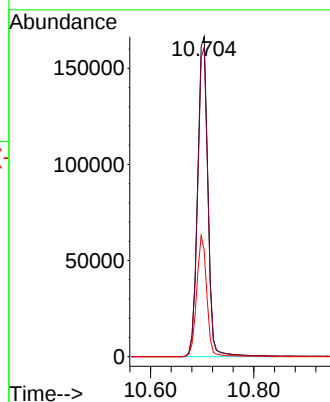
Tgt Ion:330 Resp: 231205

Ion Ratio Lower Upper

330 100

332 96.8 75.2 112.8

141 37.1 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 199.203 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139485.D

Acq: 20 Sep 2024 01:34

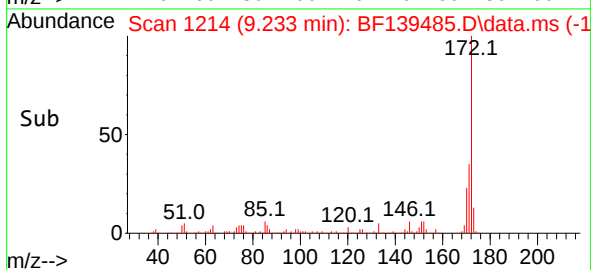
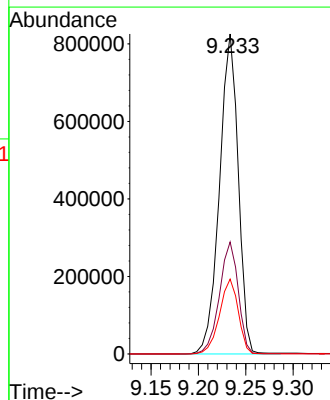
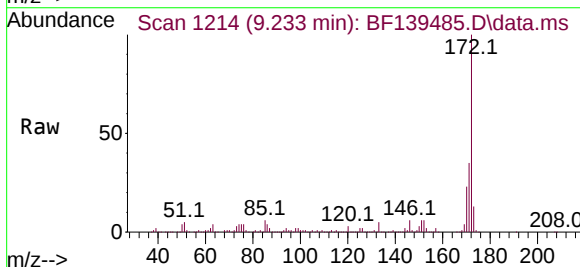
Tgt Ion:172 Resp: 1139241

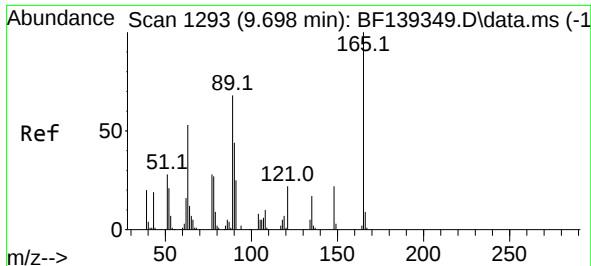
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.4 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.382 ng

RT: 9.910 min Scan# 1329

Delta R.T. 0.212 min

Lab File: BF139485.D

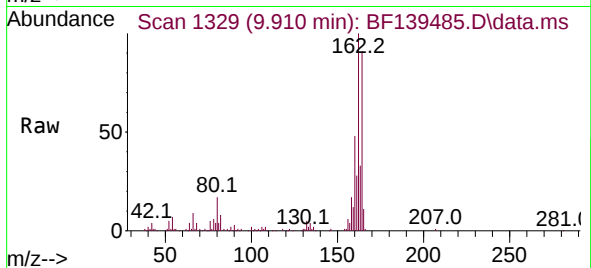
Acq: 20 Sep 2024 01:34

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NB-614-COMP-09



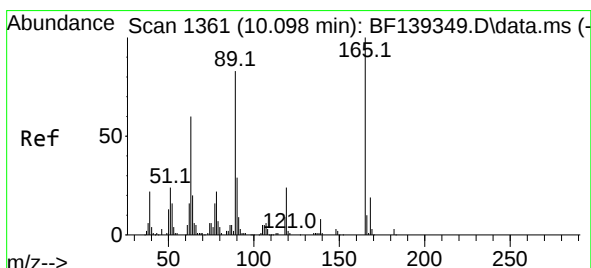
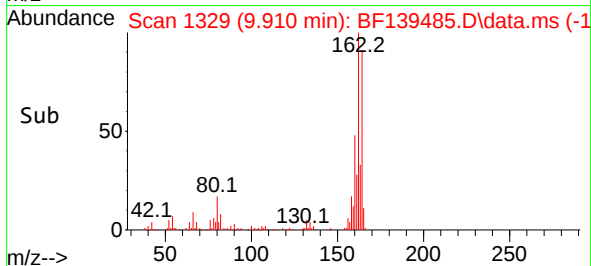
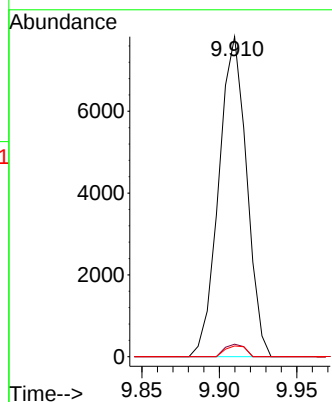
Tgt Ion:165 Resp: 9775

Ion Ratio Lower Upper

165 100

63 3.9 60.9 91.3#

89 3.3 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.208 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.188 min

Lab File: BF139485.D

Acq: 20 Sep 2024 01:34

Tgt Ion:165 Resp: 9775

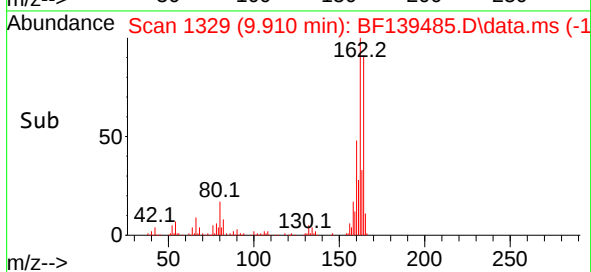
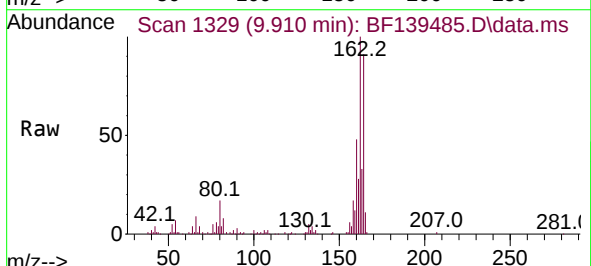
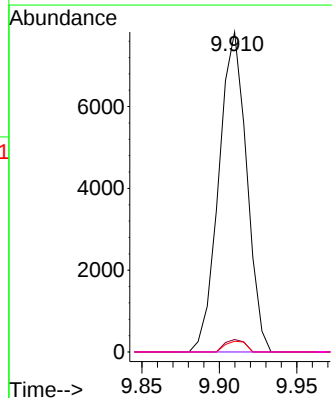
Ion Ratio Lower Upper

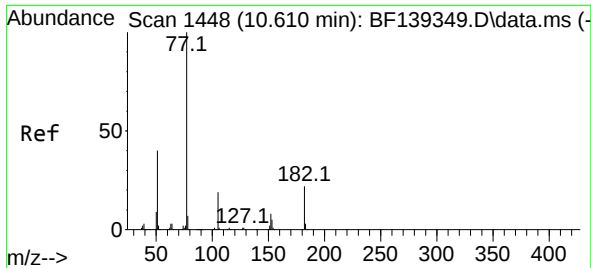
165 100

63 3.9 47.8 71.6#

89 3.3 66.7 100.1#

182 0.0 2.2 3.4#

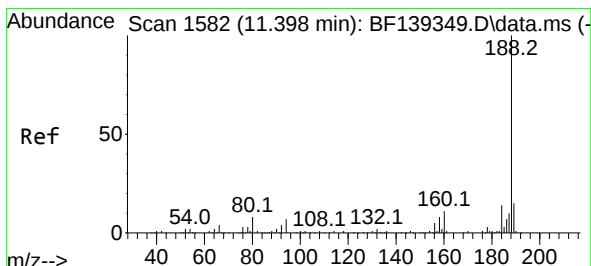
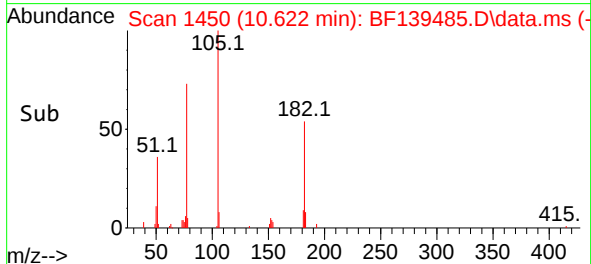
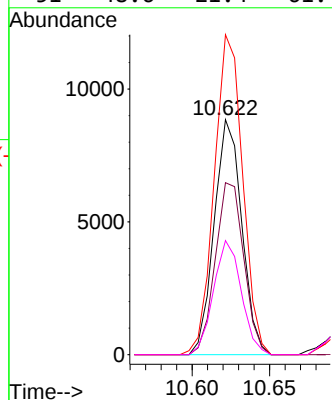
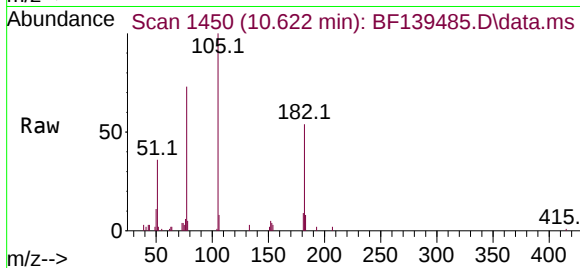




#63
Azobenzene
Concen: 2.052 ng
RT: 10.622 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF139485.D
Acq: 20 Sep 2024 01:34

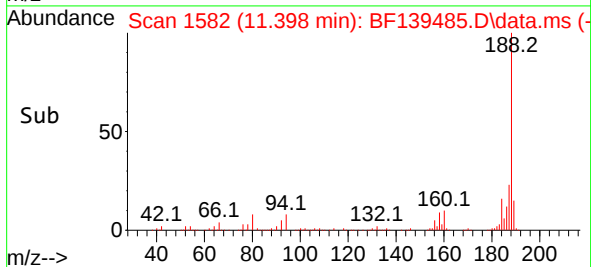
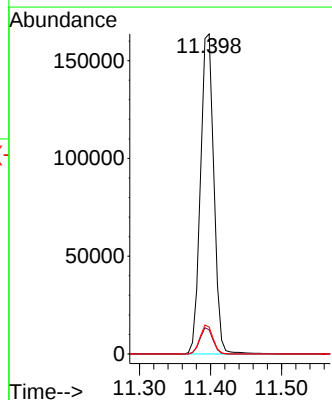
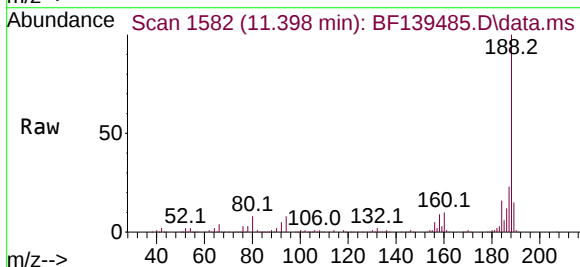
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-09

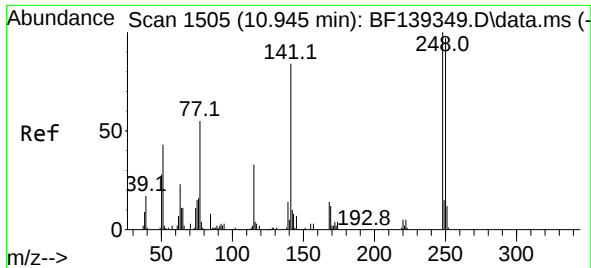
Tgt Ion: 77	Resp: 10963
Ion Ratio	Lower Upper
77 100	
182 73.2	1.8 41.8#
105 136.2	0.0 38.6#
51 48.6	21.4 61.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139485.D
Acq: 20 Sep 2024 01:34

Tgt Ion: 188	Resp: 215090
Ion Ratio	Lower Upper
188 100	
94 7.6	5.5 8.3
80 8.4	6.6 9.8

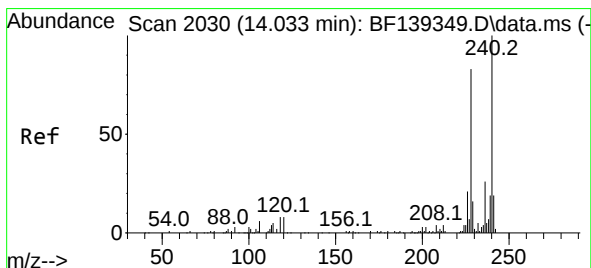
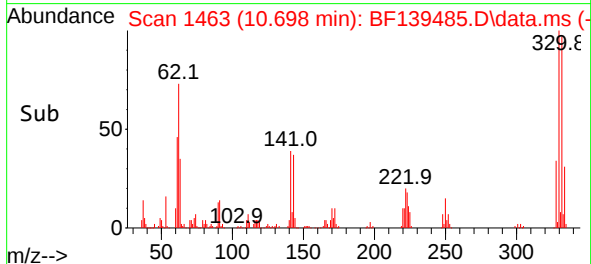
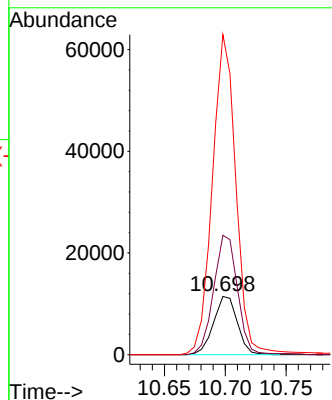
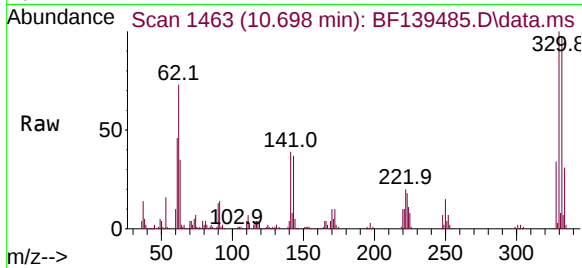




#67
4-Bromophenyl-phenylether
Concen: 7.343 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139485.D
Acq: 20 Sep 2024 01:34

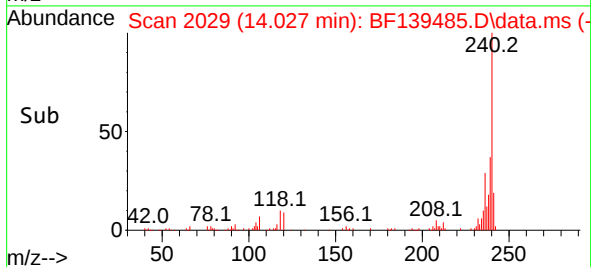
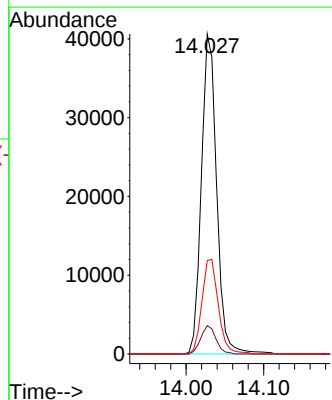
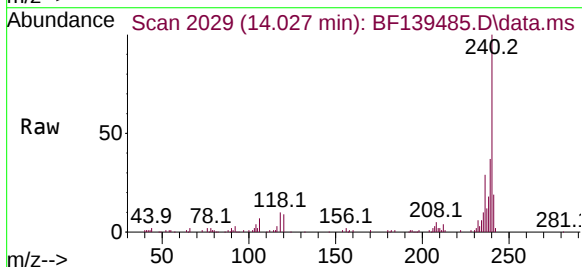
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-09

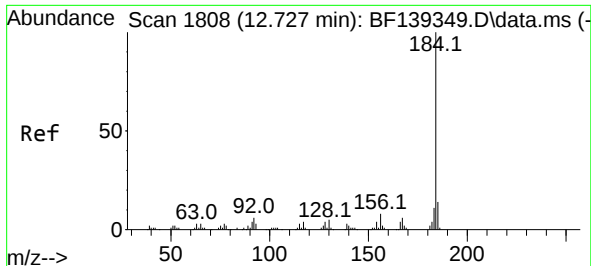
Tgt Ion:248 Resp: 15651
Ion Ratio Lower Upper
248 100
250 204.7 77.6 116.4#
141 548.7 66.9 100.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139485.D
Acq: 20 Sep 2024 01:34

Tgt Ion:240 Resp: 55503
Ion Ratio Lower Upper
240 100
120 8.9 6.2 9.2
236 29.2 20.9 31.3

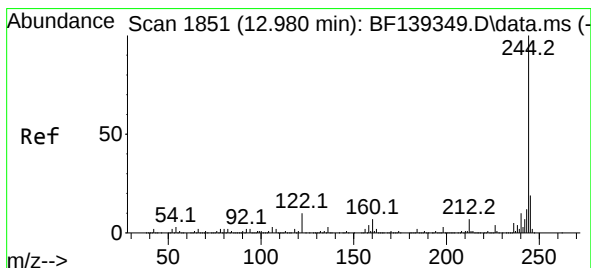
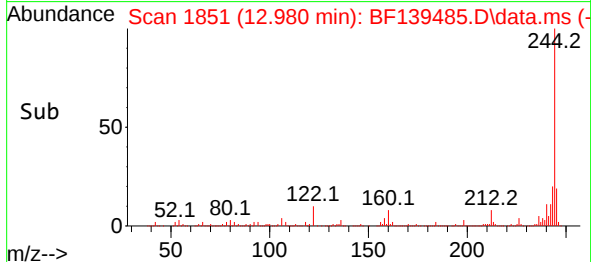
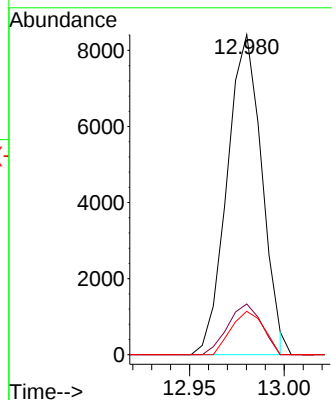
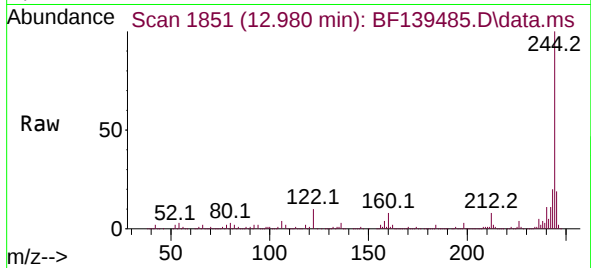




#77
Benzidine
Concen: 13.477 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF139485.D
Acq: 20 Sep 2024 01:34

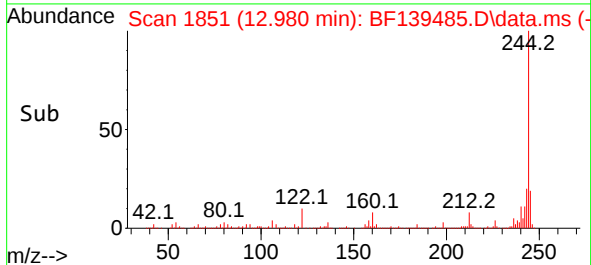
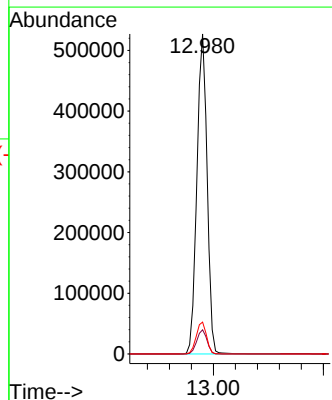
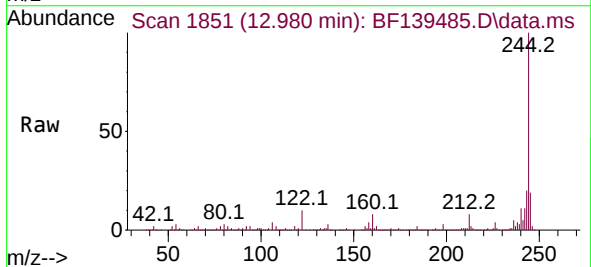
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-09

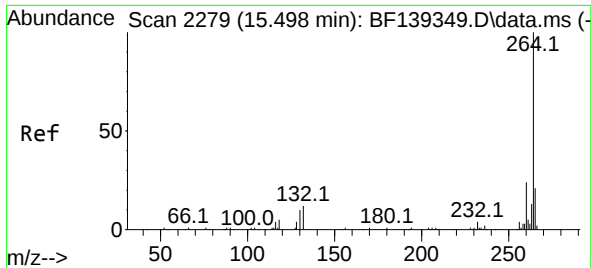
Tgt Ion:184 Resp: 10717
Ion Ratio Lower Upper
184 100
185 15.9 11.5 17.3
183 13.6 8.9 13.3#



#79
Terphenyl-d14
Concen: 201.252 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139485.D
Acq: 20 Sep 2024 01:34

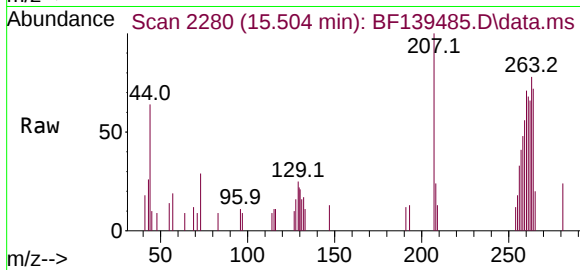
Tgt Ion:244 Resp: 680525
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.0 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF139485.D
 Acq: 20 Sep 2024 01:34

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



Tgt Ion:264 Resp: 2247
 Ion Ratio Lower Upper
 264 100
 260 97.8 19.5 29.3#
 265 27.5 16.6 25.0#

