

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)

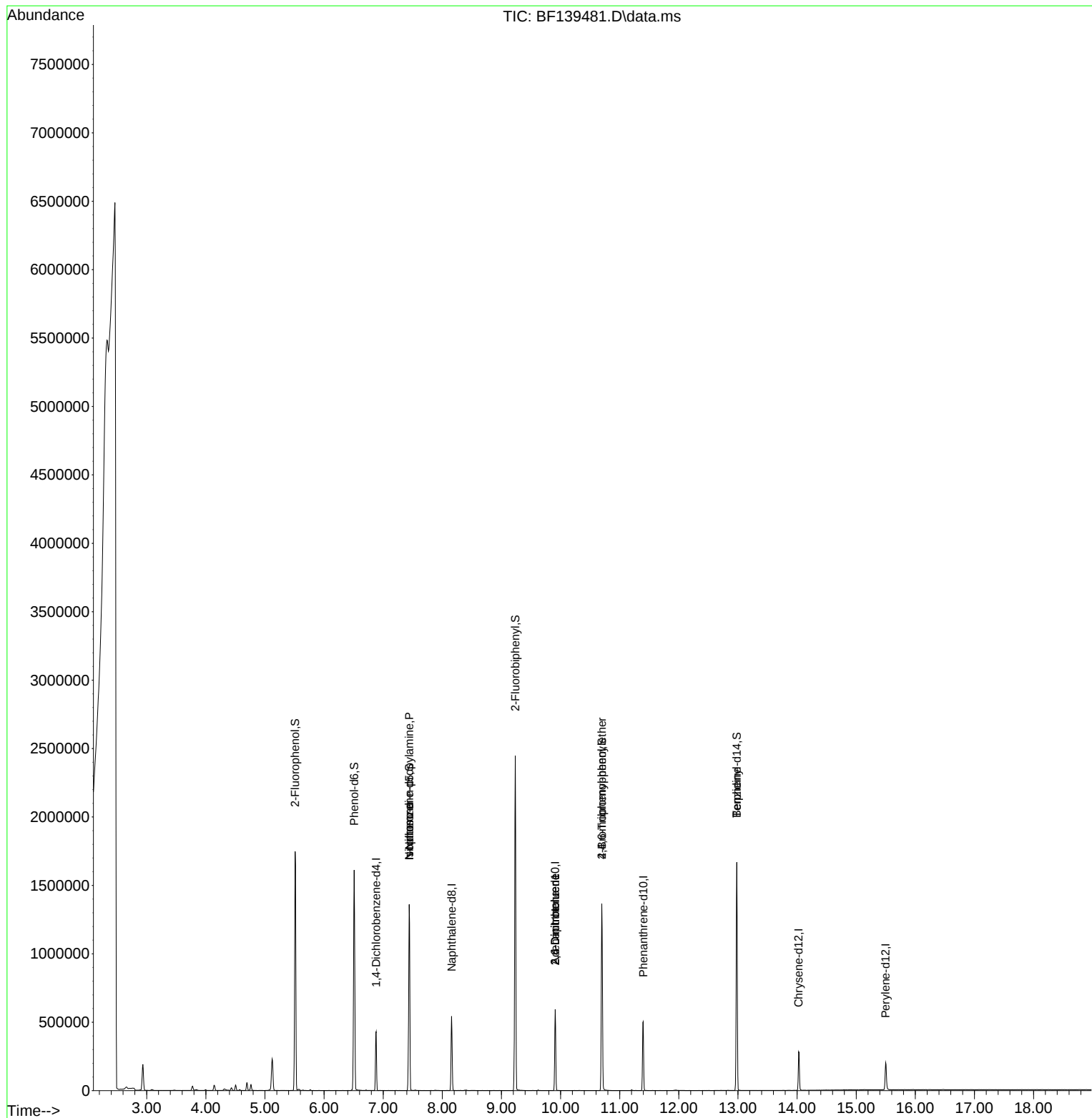
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	85526	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	314730	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	172448	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	274759	20.000	ng	0.00
76) Chrysene-d12	14.027	240	138995	20.000	ng	# 0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.439	70	83690	20.523	ng	# 75
25) Isophorone	7.439	82	592252	55.937	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	21811	8.699	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	21811	6.443	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	14760	5.421	ng	# 1
77) Benzidine	12.980	184	11139	5.594	ng	# 92

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

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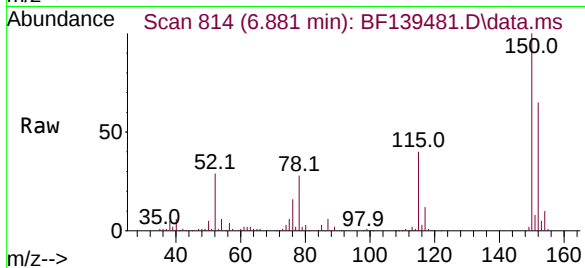
Quant Time: Sep 20 01:41:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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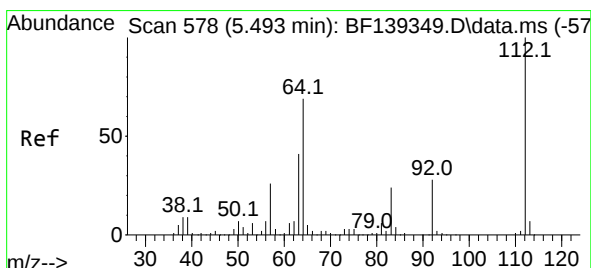
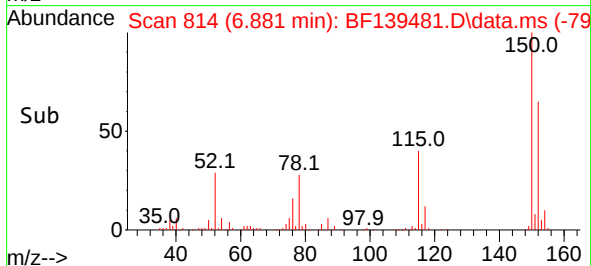
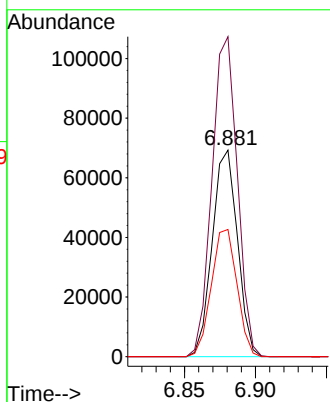


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139481.D
Acq: 19 Sep 2024 23:39

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

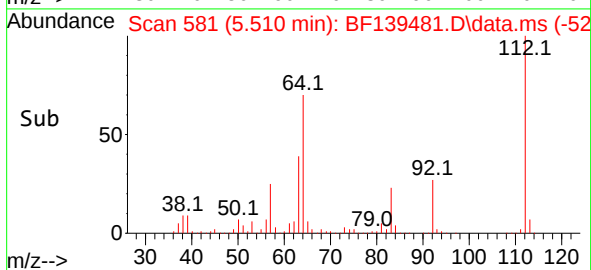
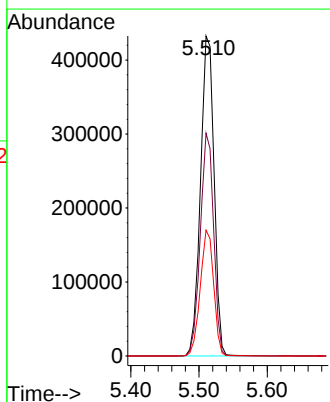
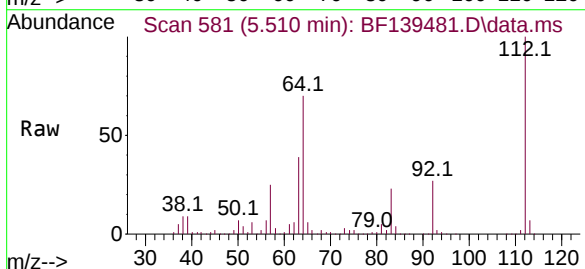


Tgt Ion:152 Resp: 85526
Ion Ratio Lower Upper
152 100
150 154.9 124.1 186.1
115 61.6 48.1 72.1



#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

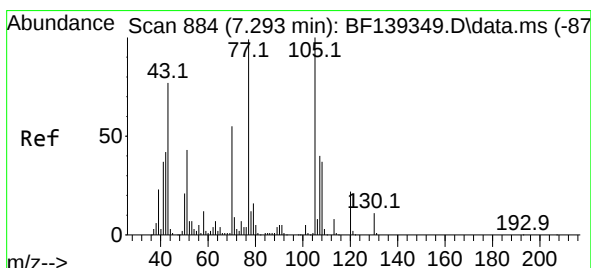
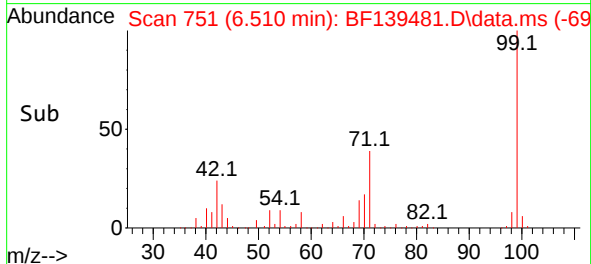
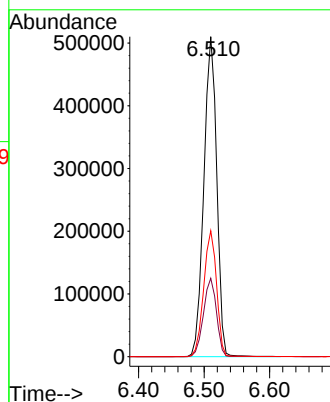
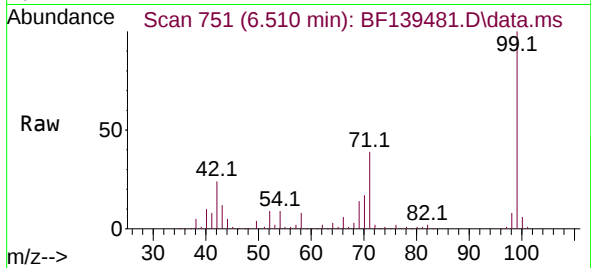




#7
Phenol-d6
Concen: 101.720 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139481.D
Acq: 19 Sep 2024 23:39

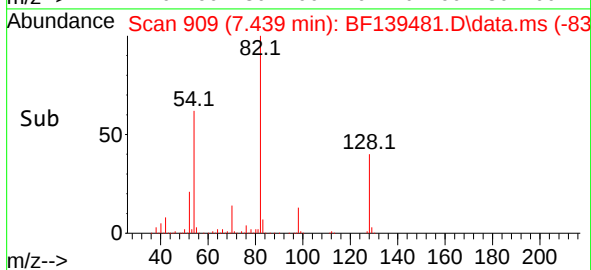
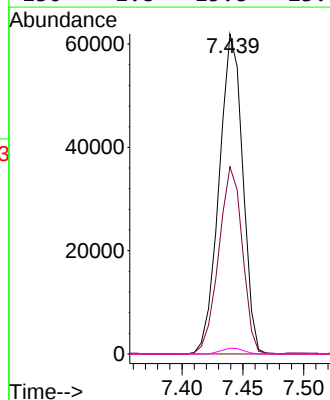
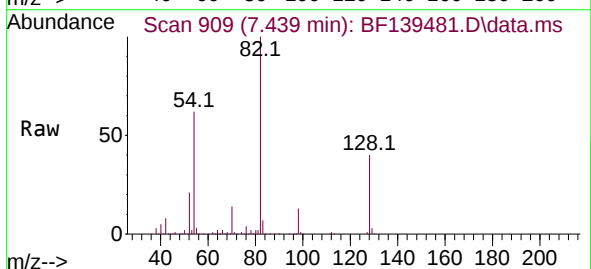
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-05

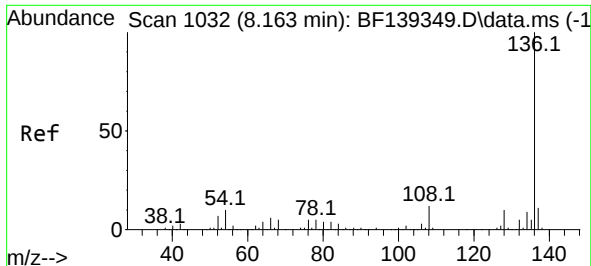
Tgt Ion: 99 Resp: 699968
Ion Ratio Lower Upper
99 100
42 24.5 21.9 32.9
71 39.4 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.523 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139481.D
Acq: 19 Sep 2024 23:39

Tgt Ion: 70 Resp: 83690
Ion Ratio Lower Upper
70 100
42 58.5 61.2 91.8#
101 0.0 7.5 11.3#
130 1.8 15.8 23.8#



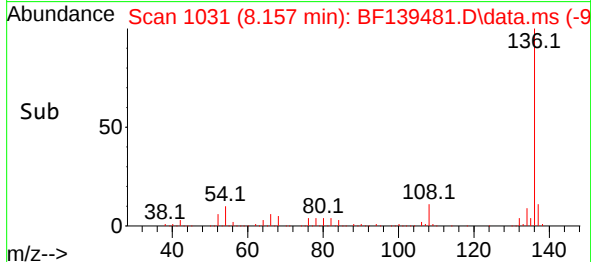
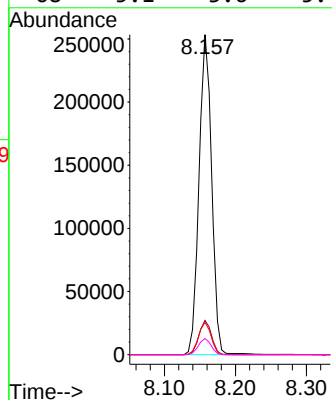
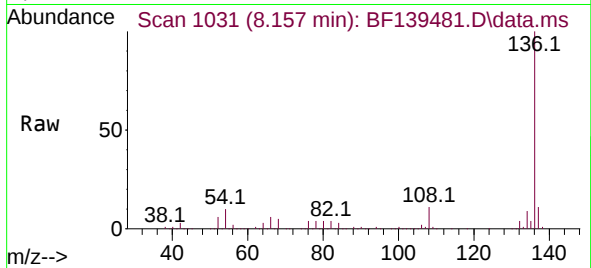


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139481.D
Acq: 19 Sep 2024 23:39

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

Tgt Ion:136 Resp: 314730

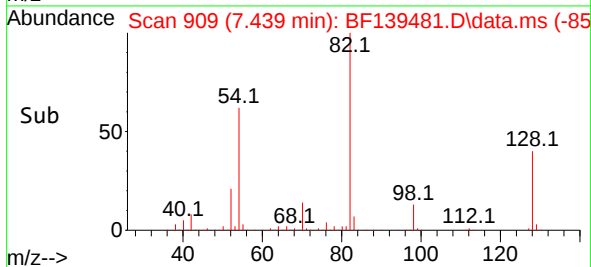
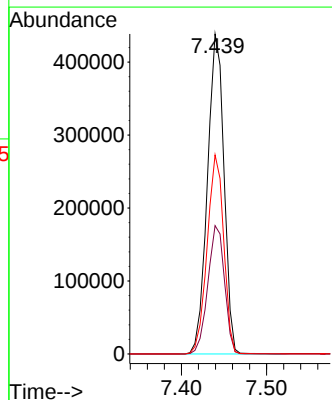
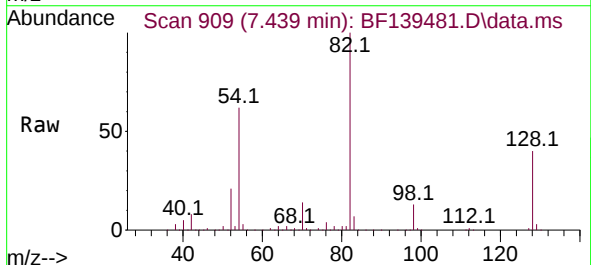
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	10.1	7.8	11.8
68	5.1	3.6	5.4



#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

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

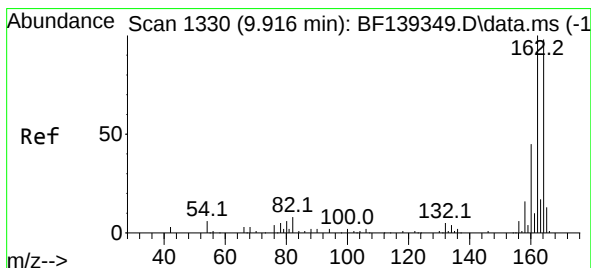
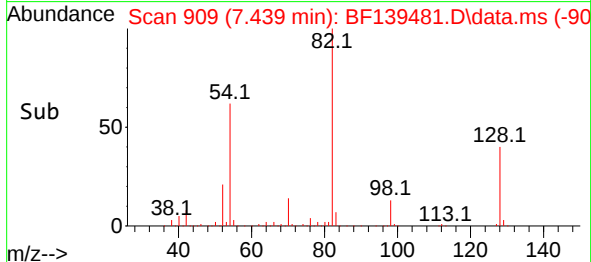
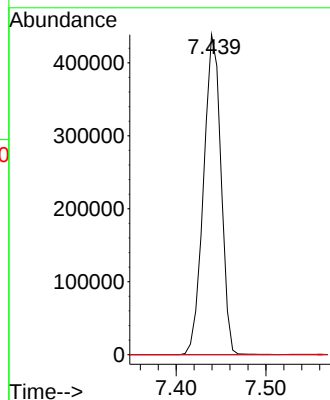
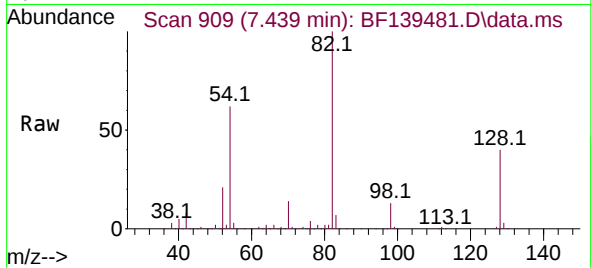




#25
Isophorone
Concen: 55.937 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139481.D
Acq: 19 Sep 2024 23:39

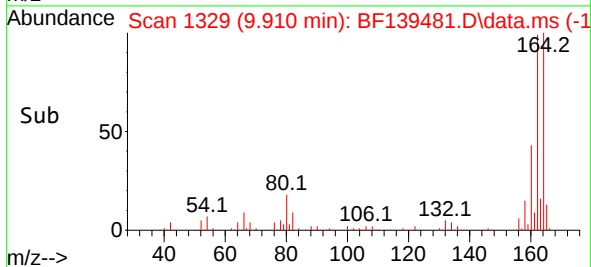
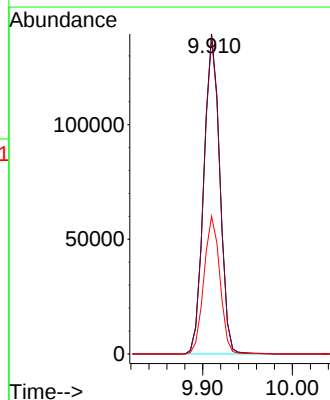
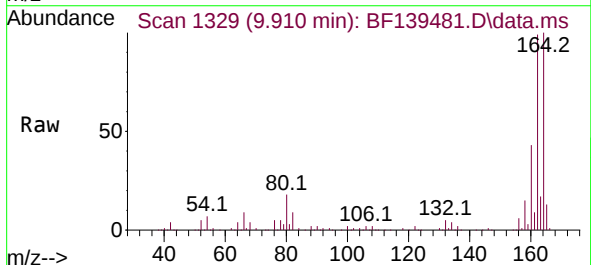
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-05

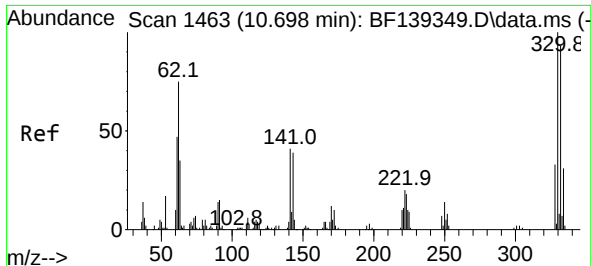
Tgt Ion: 82 Resp: 592252
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



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

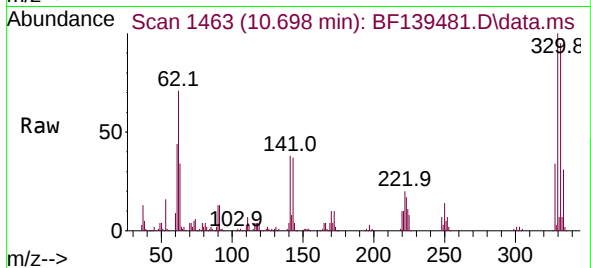
Acq: 19 Sep 2024 23:39

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-05



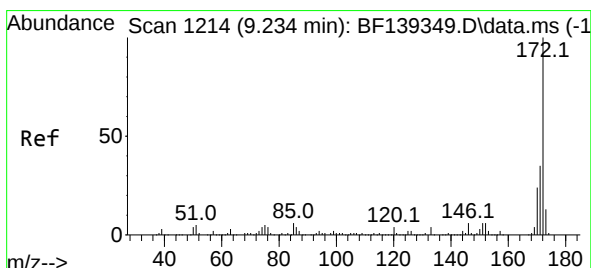
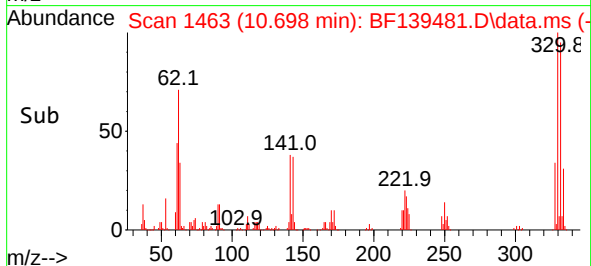
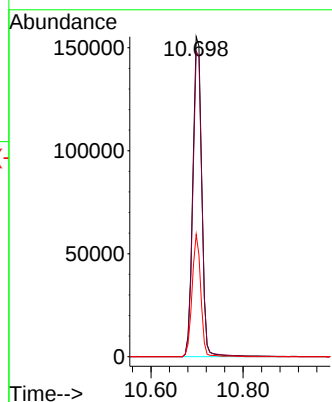
Tgt Ion:330 Resp: 209847

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

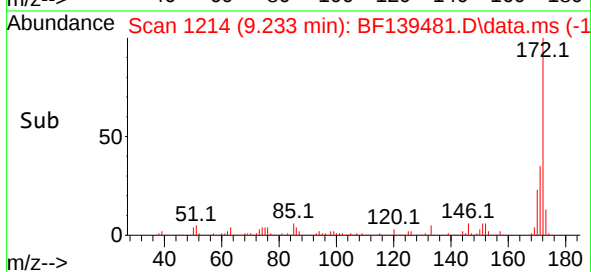
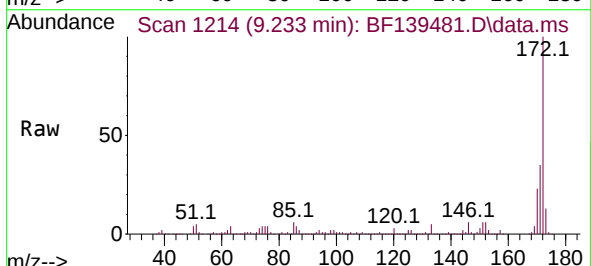
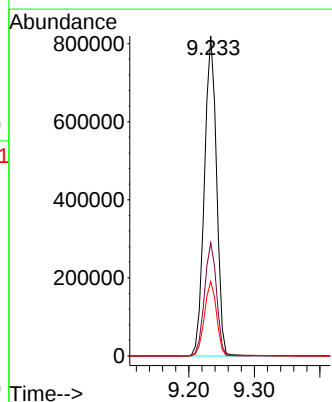
Tgt Ion:172 Resp: 1059680

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.3 19.0 28.6

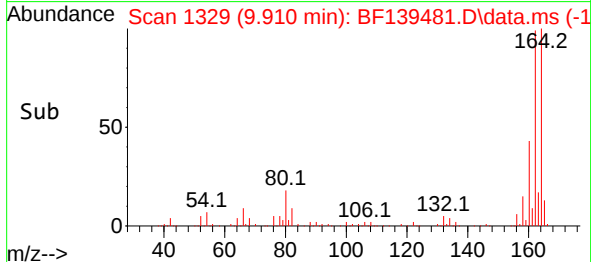
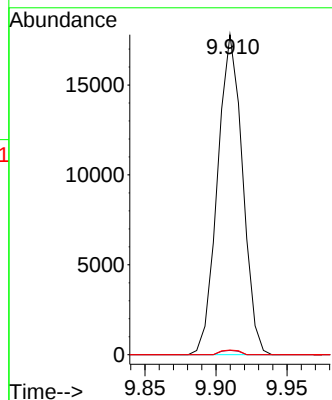
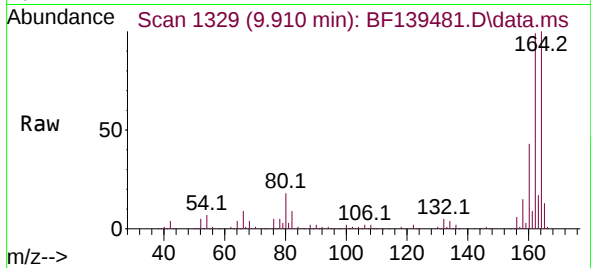




#51
2,6-Dinitrotoluene
Concen: 8.699 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139481.D
Acq: 19 Sep 2024 23:39

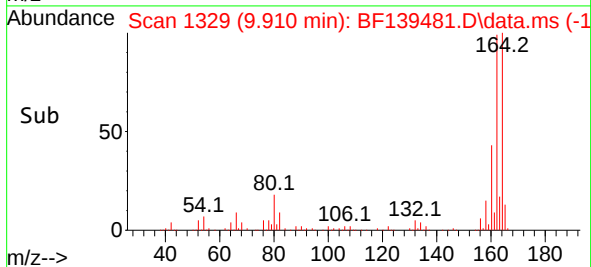
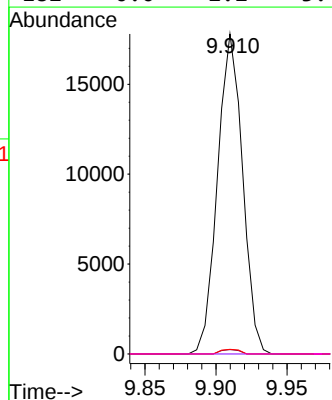
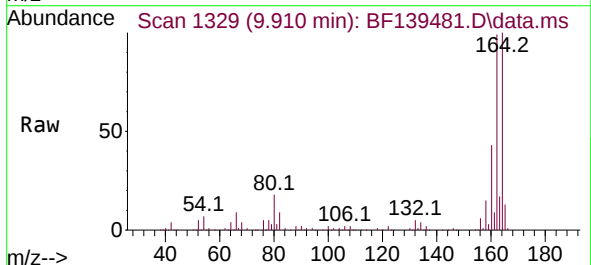
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-05

Tgt Ion:165 Resp: 21811
Ion Ratio Lower Upper
165 100
63 1.3 60.9 91.3#
89 1.5 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.443 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139481.D
Acq: 19 Sep 2024 23:39

Tgt Ion:165 Resp: 21811
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.6#
89 1.5 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: BF139481.D

Acq: 19 Sep 2024 23:39

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-05

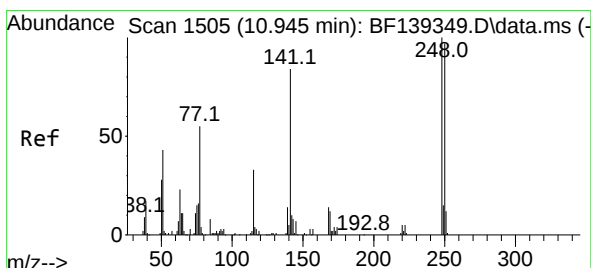
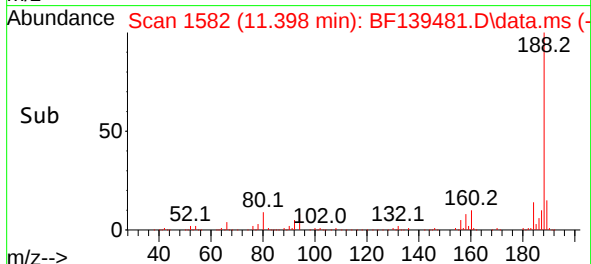
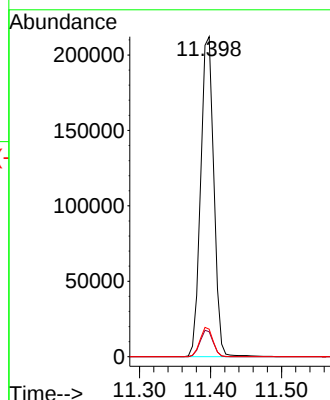
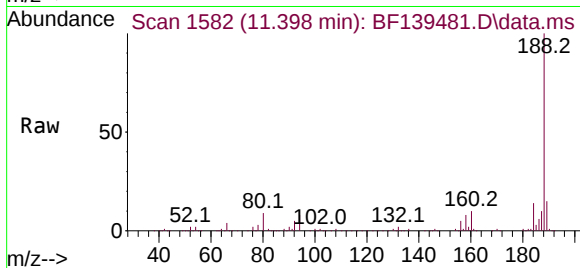
Tgt Ion:188 Resp: 274759

Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

80 8.6 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 5.421 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139481.D

Acq: 19 Sep 2024 23:39

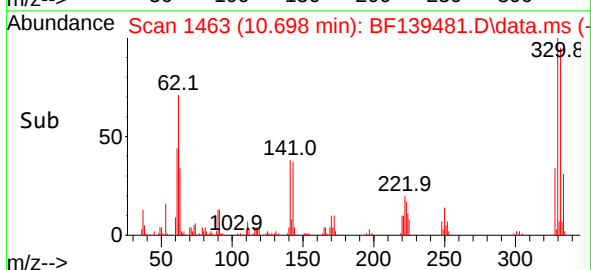
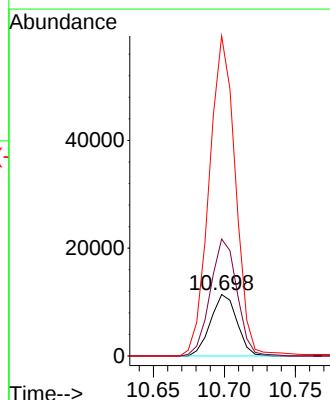
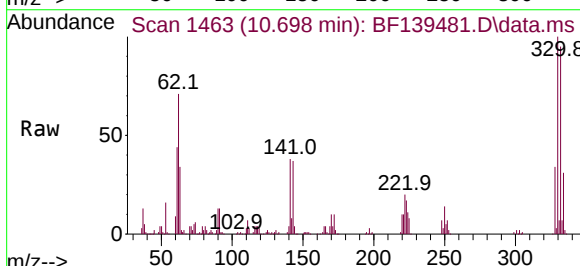
Tgt Ion:248 Resp: 14760

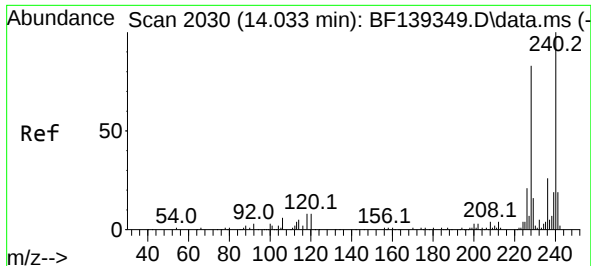
Ion Ratio Lower Upper

248 100

250 190.3 77.6 116.4#

141 520.6 66.9 100.3#

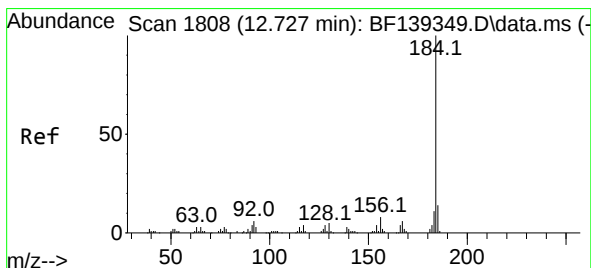
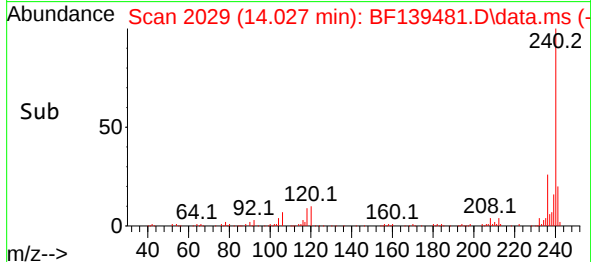
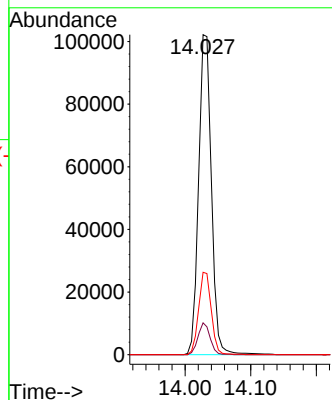
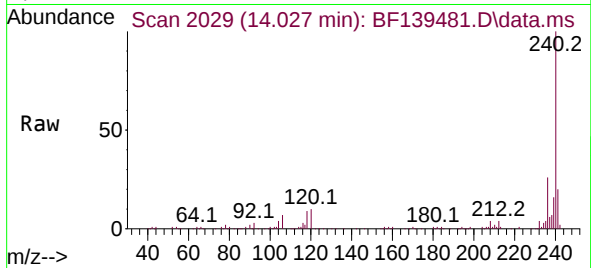




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF139481.D
Acq: 19 Sep 2024 23:39

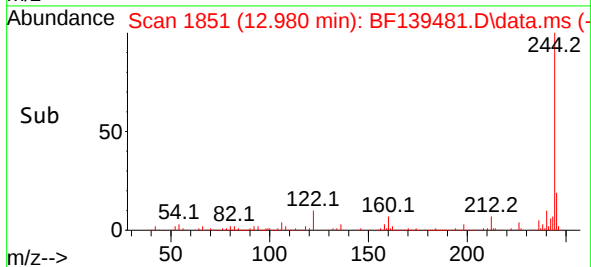
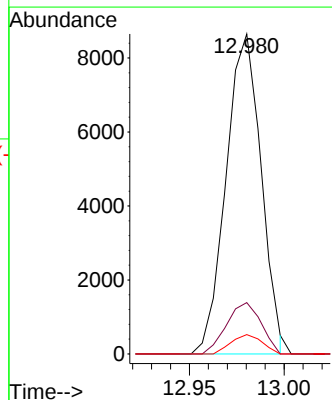
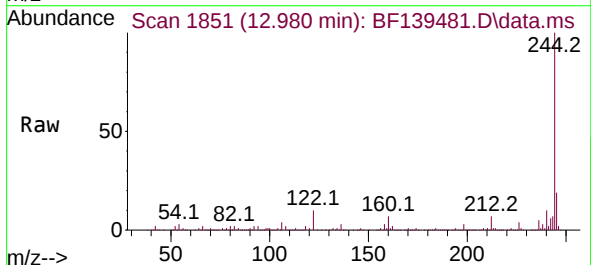
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-05

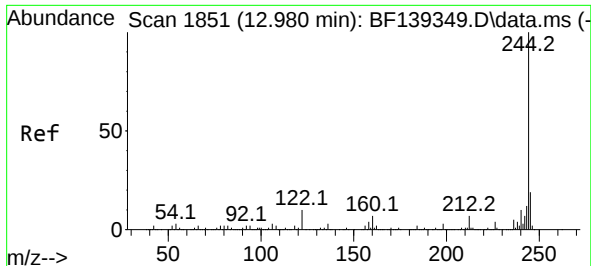
Tgt Ion:240 Resp: 138995
Ion Ratio Lower Upper
240 100
120 9.9 6.2 9.2#
236 25.7 20.9 31.3



#77
Benzidine
Concen: 5.594 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF139481.D
Acq: 19 Sep 2024 23:39

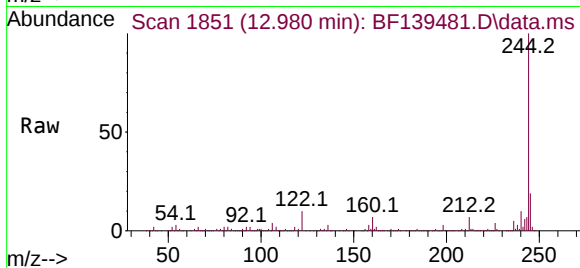
Tgt Ion:184 Resp: 11139
Ion Ratio Lower Upper
184 100
185 16.1 11.5 17.3
183 6.1 8.9 13.3#



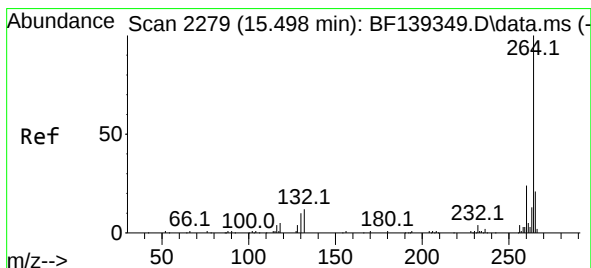
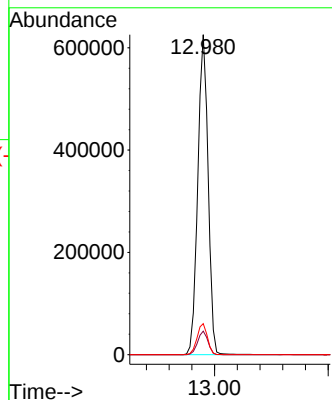
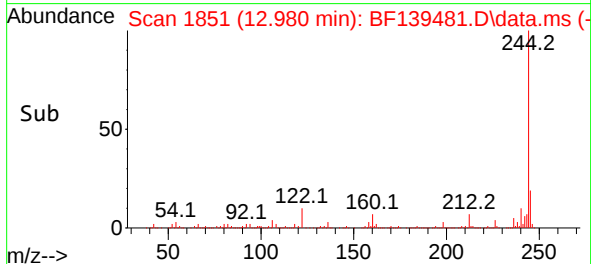


#79
 Terphenyl-d14
 Concen: 93.661 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139481.D
 Acq: 19 Sep 2024 23:39

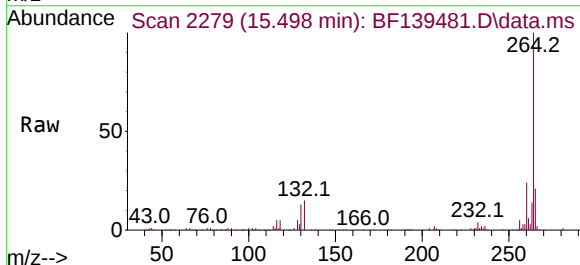
Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-05



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

