

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139417.D
 Acq On : 18 Sep 2024 10:15
 Operator : RC/JU
 Sample : PB163403BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163403BL

Quant Time: Sep 18 11:17:06 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)

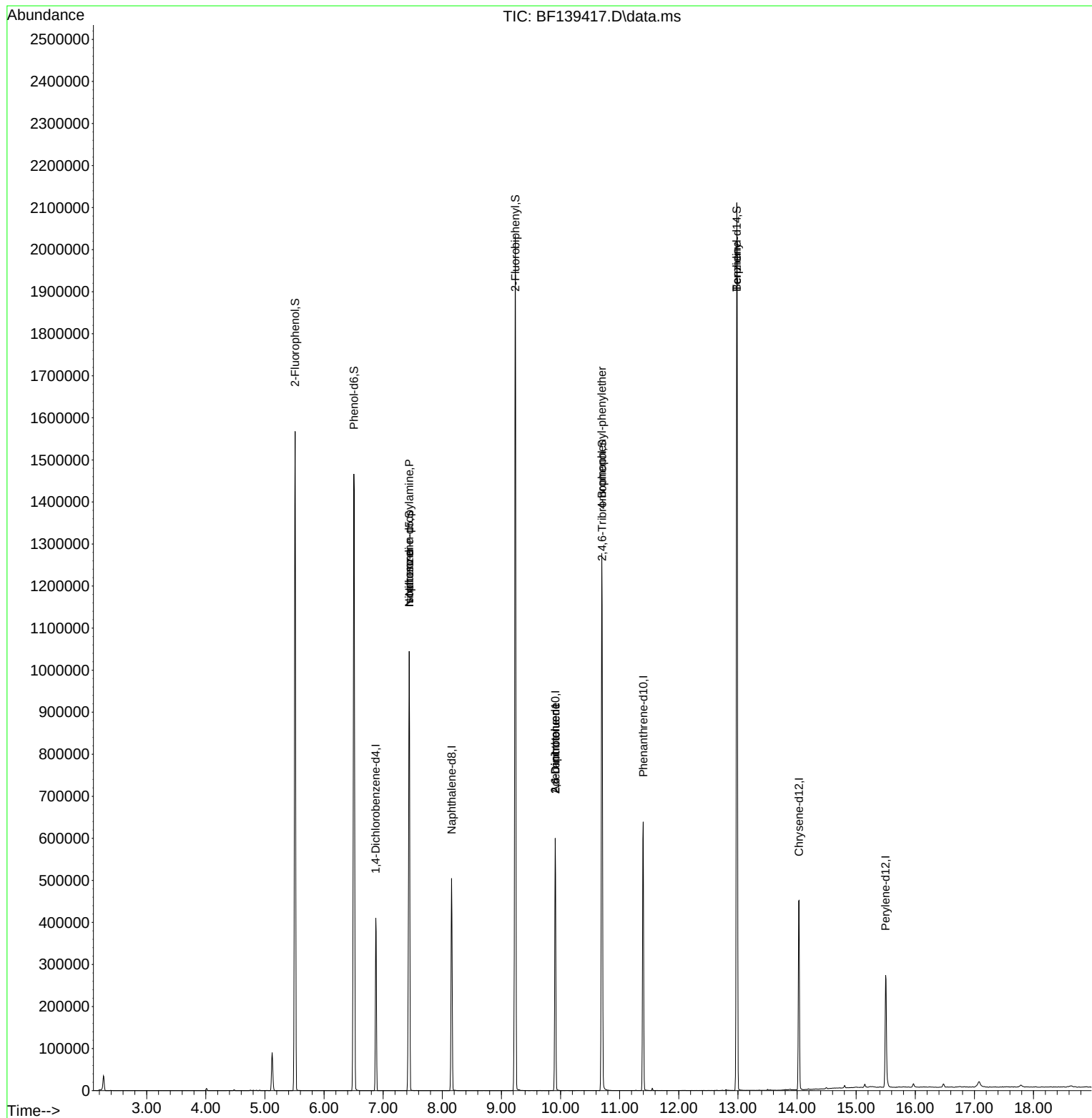
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	78626	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	300029	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	177056	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	339019	20.000	ng	0.00
76) Chrysene-d12	14.033	240	222360	20.000	ng	0.00
86) Perylene-d12	15.498	264	164675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	524929	108.913	ng	0.02
7) Phenol-d6	6.504	99	679200	107.363	ng	0.00
23) Nitrobenzene-d5	7.440	82	470085	73.657	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	196790	104.399	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	893512	70.778	ng	0.00
79) Terphenyl-d14	12.980	244	1050212	77.523	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	66733	17.801	ng	# 76
25) Isophorone	7.440	82	468168	46.384	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	22173	8.613	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	22173	6.380	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	13720	4.084	ng	# 1
77) Benizidine	12.980	184	15322	4.810	ng	# 90

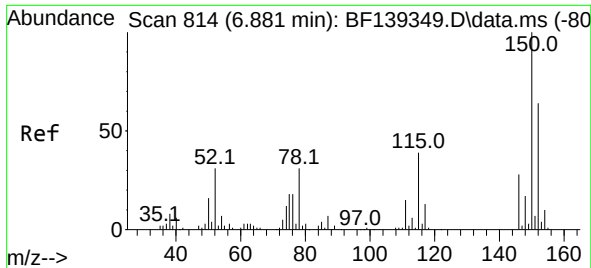
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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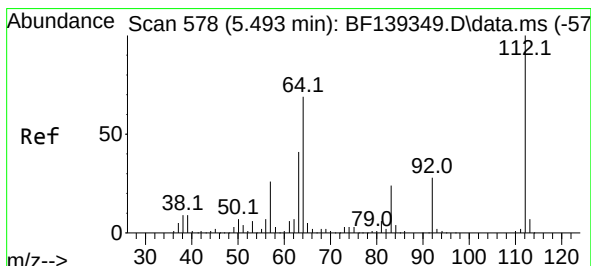
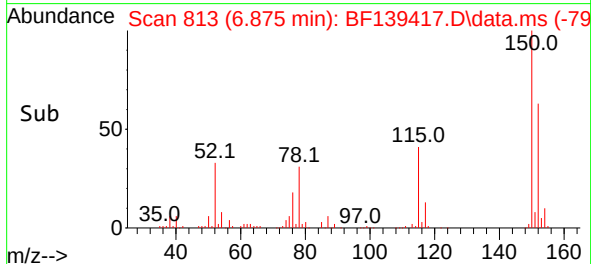
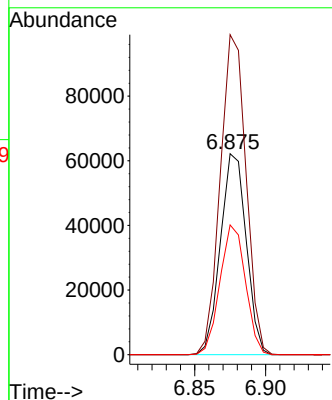
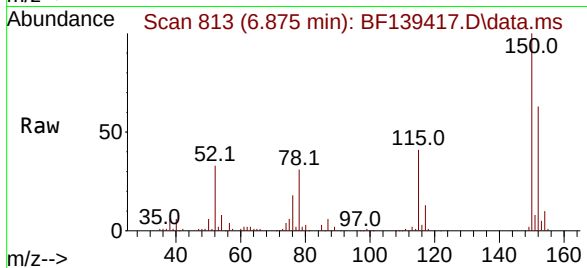




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15

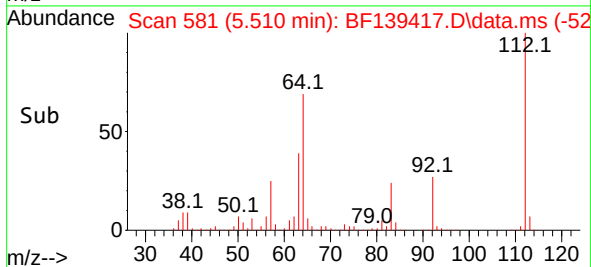
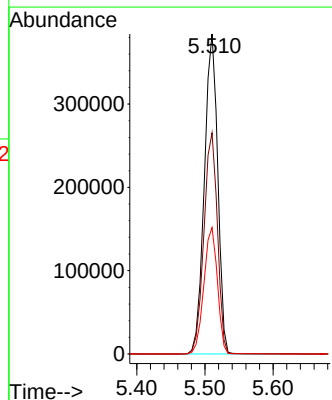
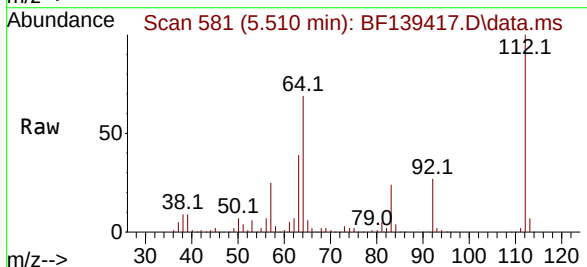
Instrument :
BNA_F
ClientSampleId :
PB163403BL

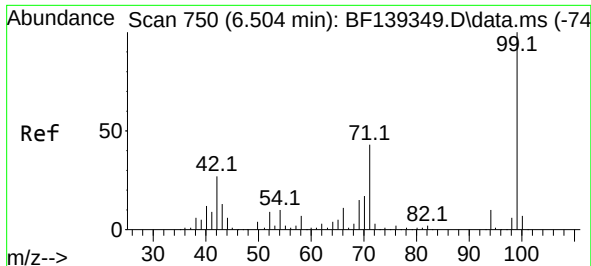
Tgt Ion:152 Resp: 78626
Ion Ratio Lower Upper
152 100
150 159.2 124.1 186.1
115 64.6 48.1 72.1



#5
2-Fluorophenol
Concen: 108.913 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15

Tgt Ion:112 Resp: 524929
Ion Ratio Lower Upper
112 100
64 69.1 54.8 82.2
63 39.5 33.0 49.4

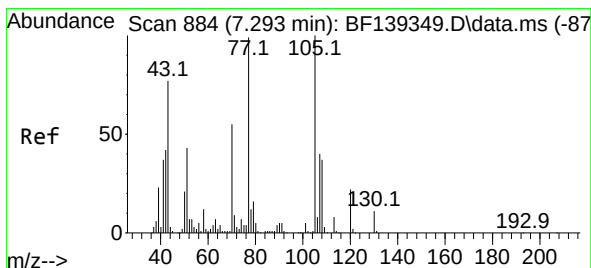
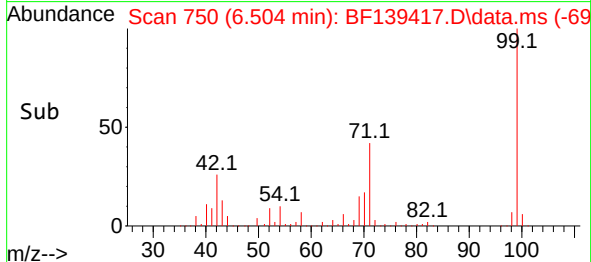
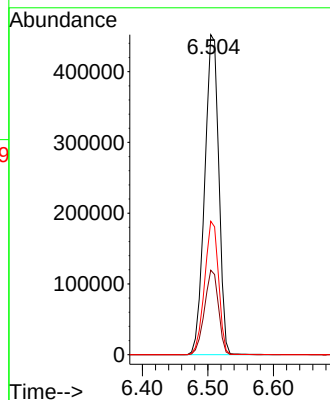
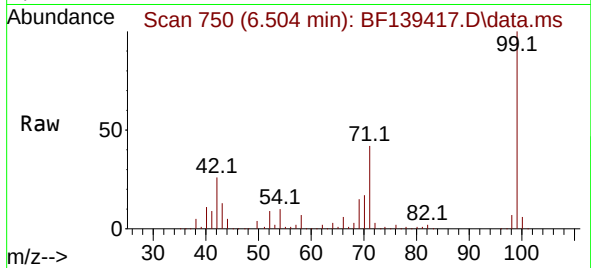




#7
Phenol-d6
Concen: 107.363 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15

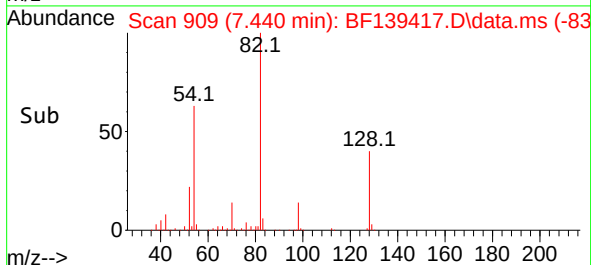
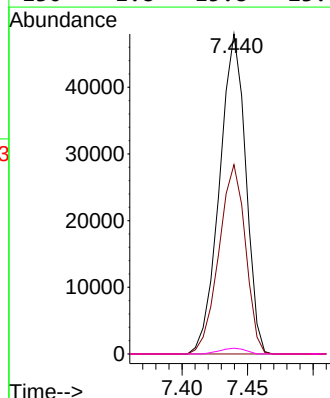
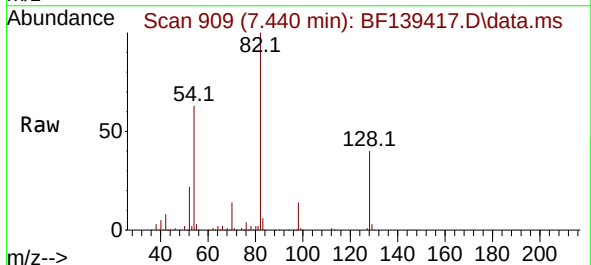
Instrument :
BNA_F
ClientSampleId :
PB163403BL

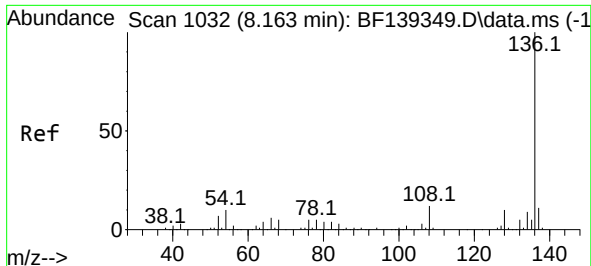
Tgt Ion: 99 Resp: 679200
Ion Ratio Lower Upper
99 100
42 26.4 21.9 32.9
71 41.7 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.801 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15

Tgt Ion: 70 Resp: 66733
Ion Ratio Lower Upper
70 100
42 59.1 61.2 91.8#
101 0.0 7.5 11.3#
130 1.8 15.8 23.8#



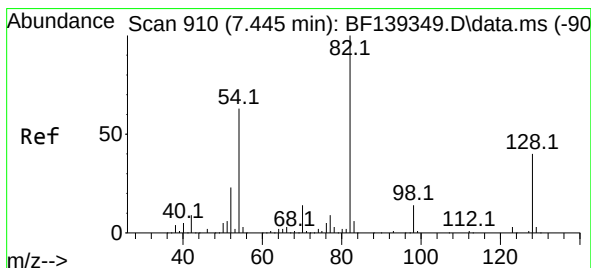
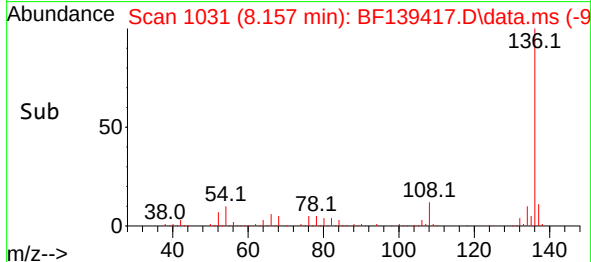
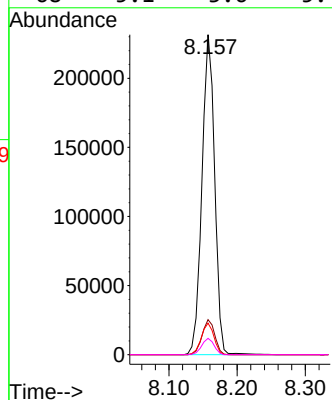
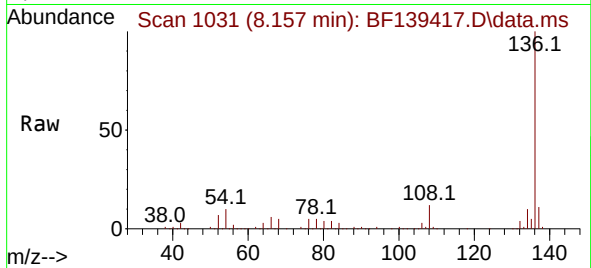


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15

Instrument :
BNA_F
ClientSampleId :
PB163403BL

Tgt Ion:136 Resp: 300029

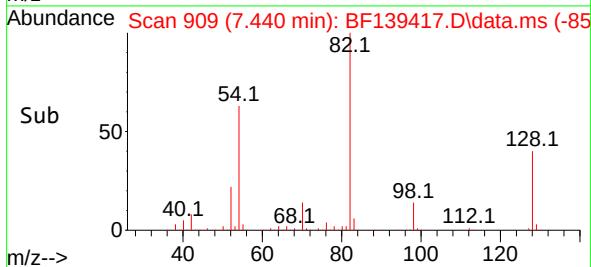
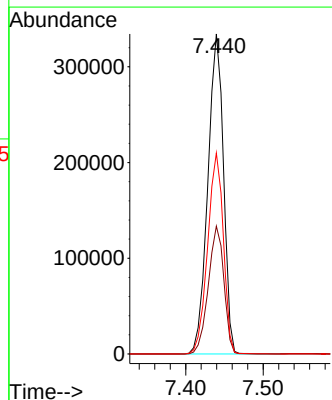
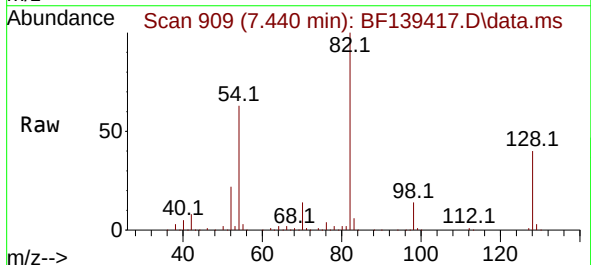
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.9	7.8	11.8
68	5.1	3.6	5.4

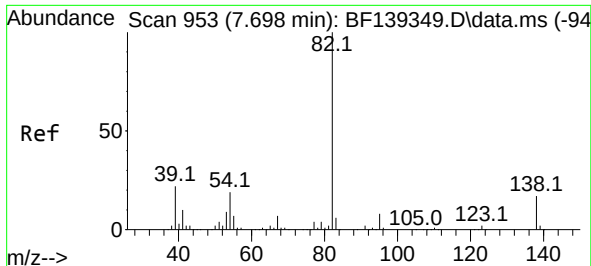


#23
Nitrobenzene-d5
Concen: 73.657 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15

Tgt Ion: 82 Resp: 470085

Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.8	47.6
54	62.8	50.6	75.8

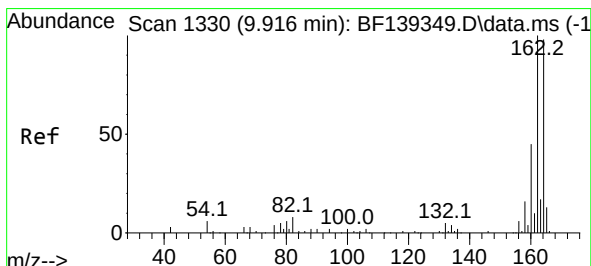
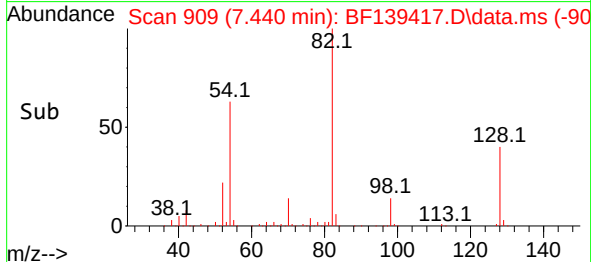
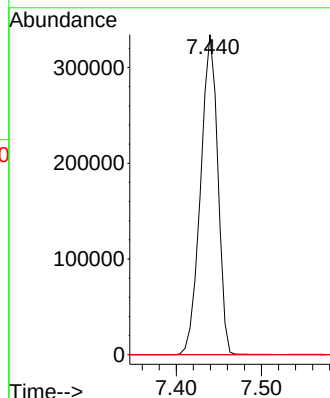
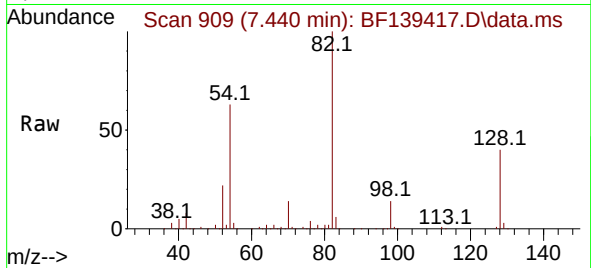




#25
Isophorone
Concen: 46.384 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15

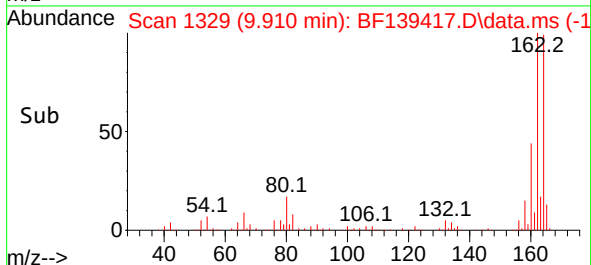
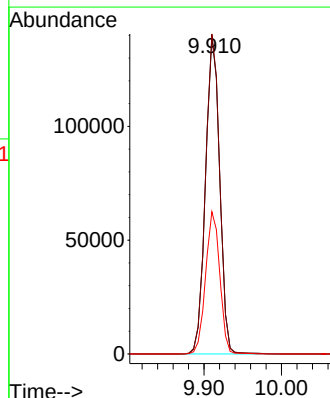
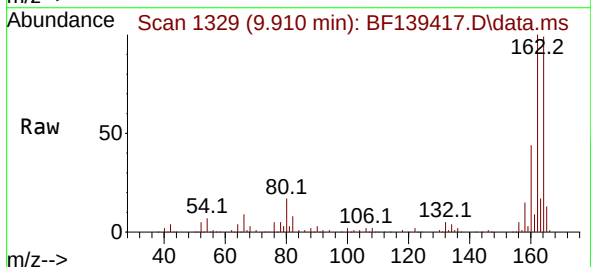
Instrument :
BNA_F
ClientSampleId :
PB163403BL

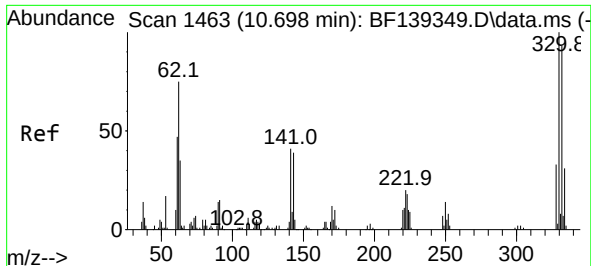
Tgt Ion: 82 Resp: 468168
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15

Tgt Ion:164 Resp: 177056
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.8 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 104.399 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139417.D

Acq: 18 Sep 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB163403BL

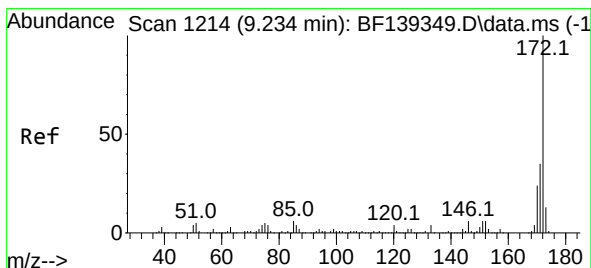
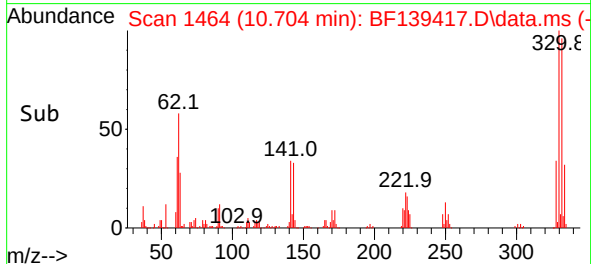
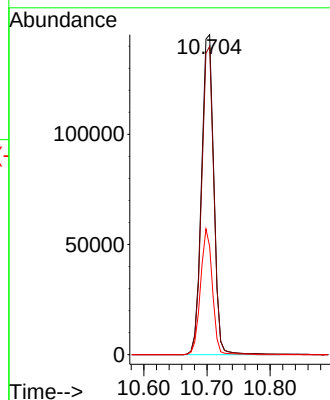
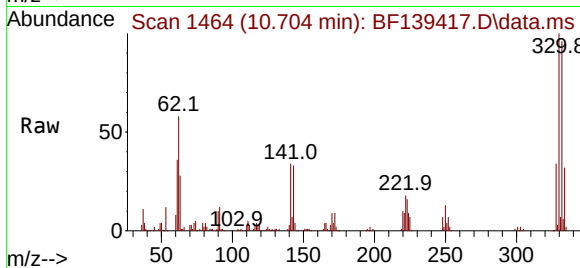
Tgt Ion:330 Resp: 196790

Ion Ratio Lower Upper

330 100

332 96.0 75.2 112.8

141 37.8 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 70.778 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139417.D

Acq: 18 Sep 2024 10:15

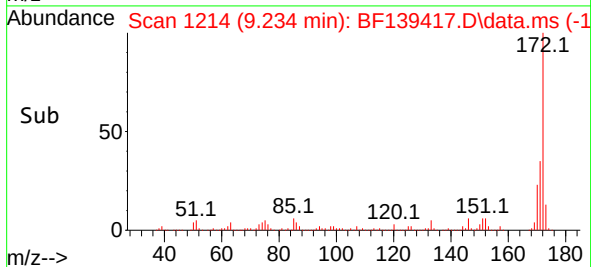
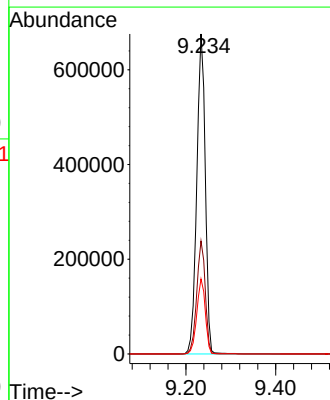
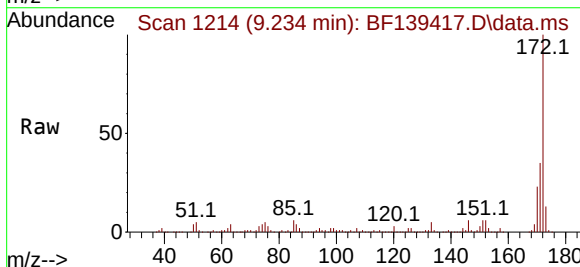
Tgt Ion:172 Resp: 893512

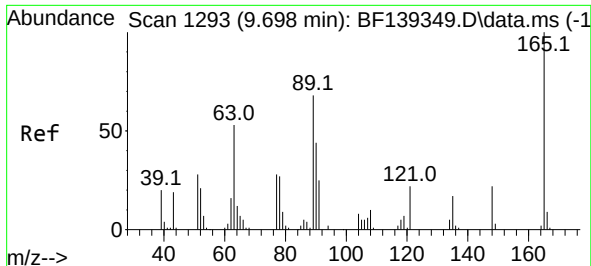
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.613 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139417.D

Acq: 18 Sep 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB163403BL

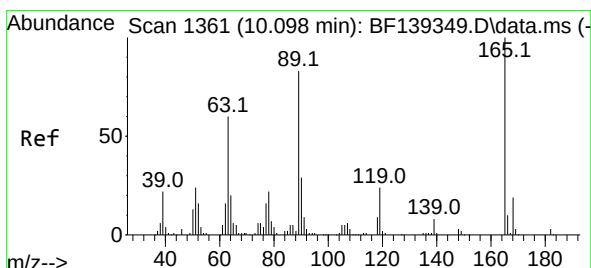
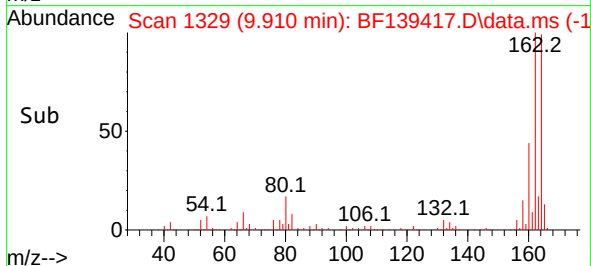
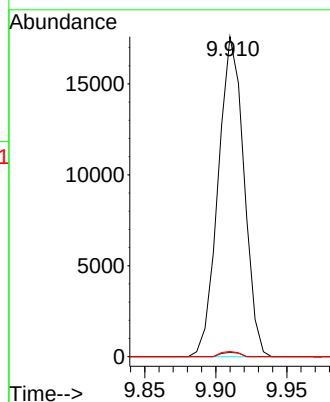
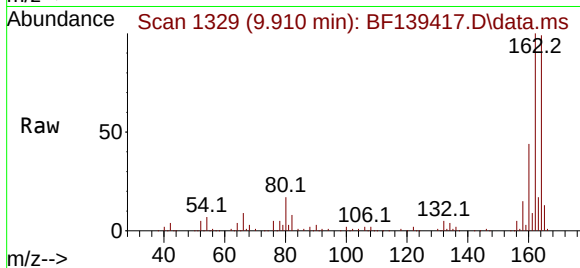
Tgt Ion:165 Resp: 22173

Ion Ratio Lower Upper

165 100

63 1.4 60.9 91.3#

89 1.6 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.380 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.188 min

Lab File: BF139417.D

Acq: 18 Sep 2024 10:15

Tgt Ion:165 Resp: 22173

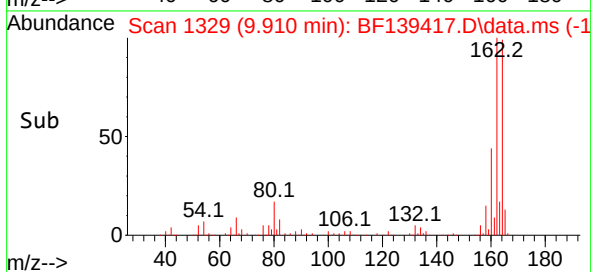
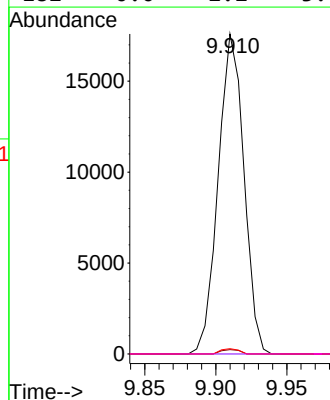
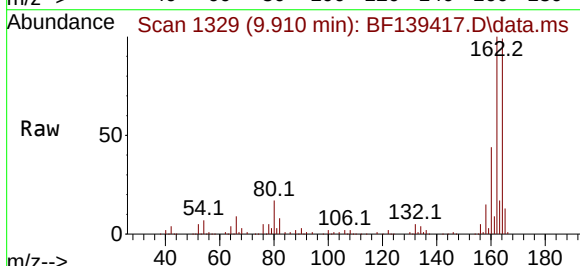
Ion Ratio Lower Upper

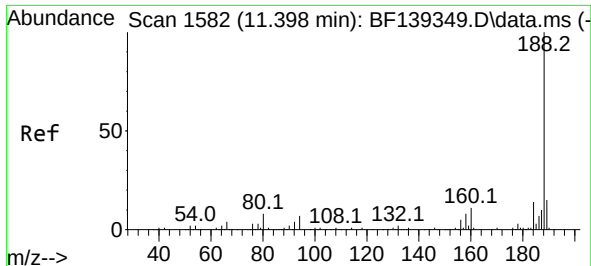
165 100

63 1.4 47.8 71.6#

89 1.6 66.7 100.1#

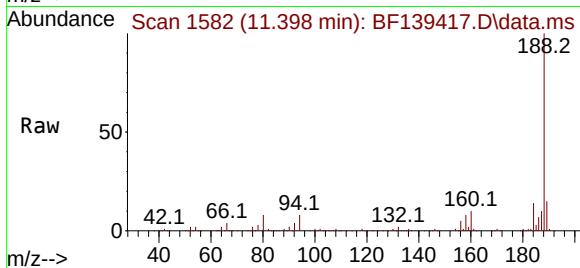
182 0.0 2.2 3.4#



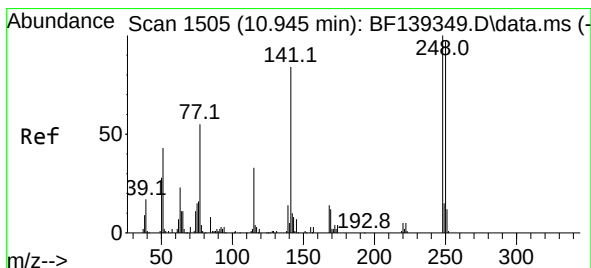
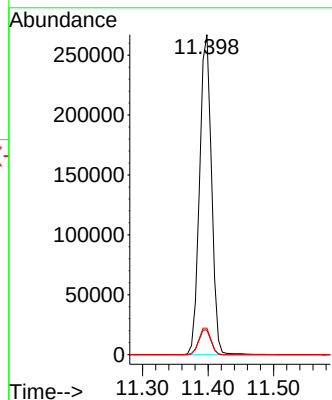
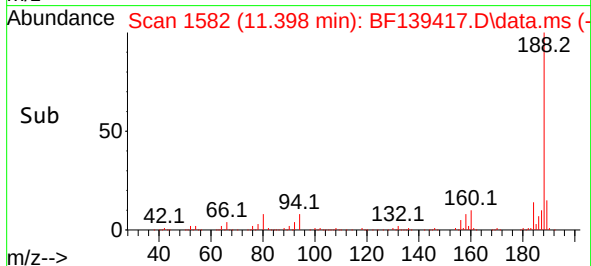


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15

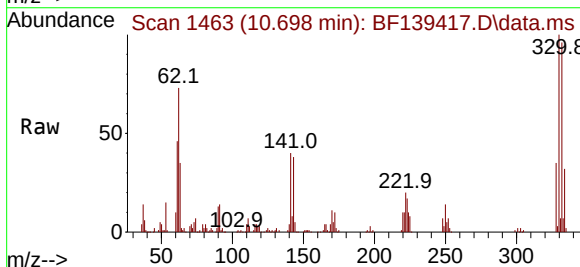
Instrument :
BNA_F
ClientSampleId :
PB163403BL



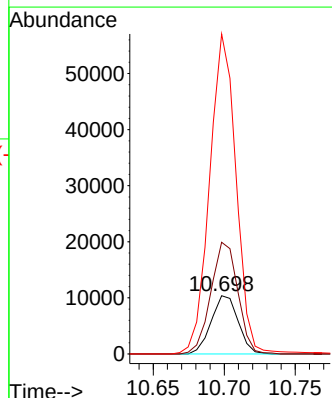
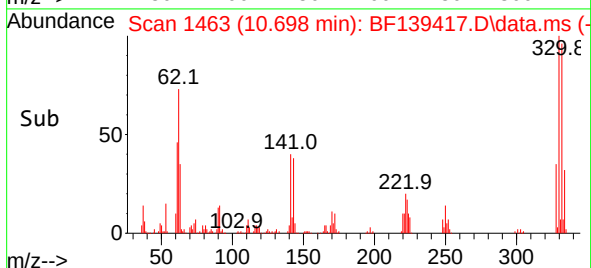
Tgt Ion:188 Resp: 339019
Ion Ratio Lower Upper
188 100
94 7.7 5.5 8.3
80 8.3 6.6 9.8

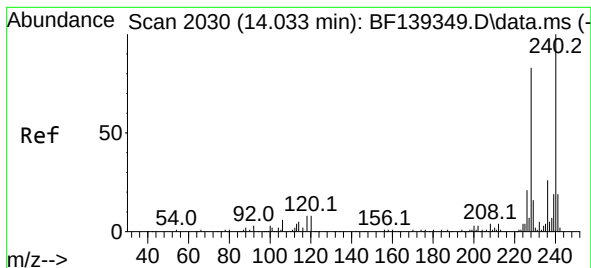


#67
4-Bromophenyl-phenylether
Concen: 4.084 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139417.D
Acq: 18 Sep 2024 10:15



Tgt Ion:248 Resp: 13720
Ion Ratio Lower Upper
248 100
250 191.4 77.6 116.4#
141 548.7 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: BF139417.D

Acq: 18 Sep 2024 10:15

Instrument :

BNA_F

ClientSampleId :

PB163403BL

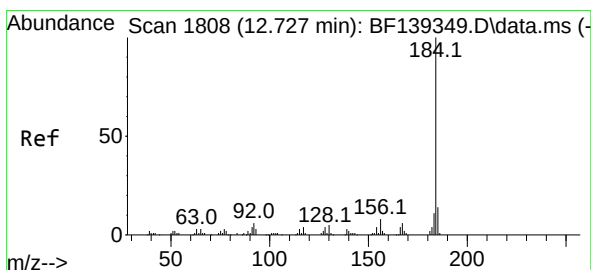
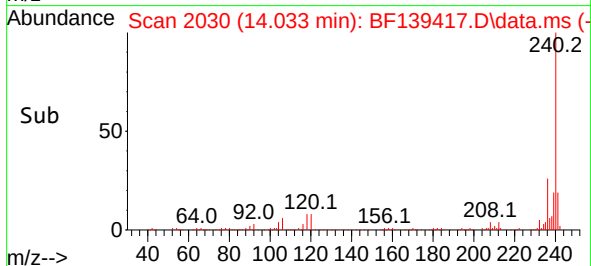
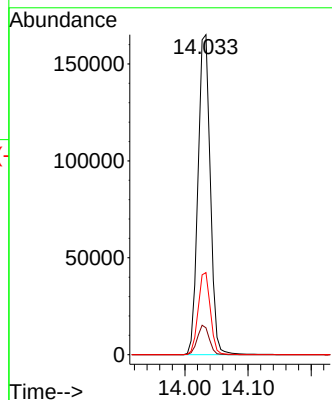
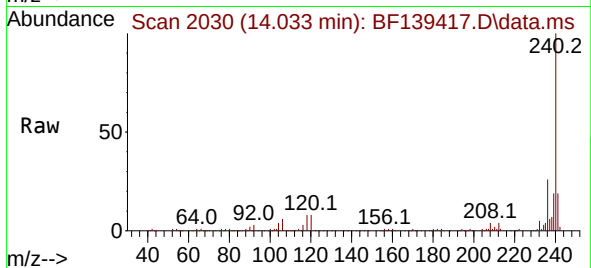
Tgt Ion:240 Resp: 222360

Ion Ratio Lower Upper

240 100

120 8.4 6.2 9.2

236 25.6 20.9 31.3



#77

Benzidine

Concen: 4.810 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139417.D

Acq: 18 Sep 2024 10:15

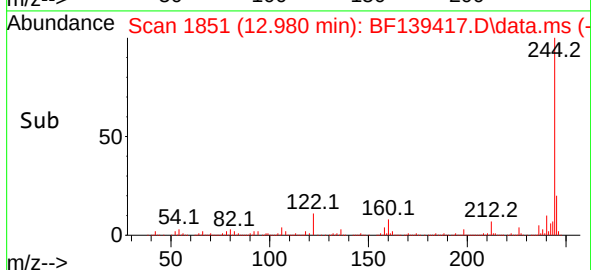
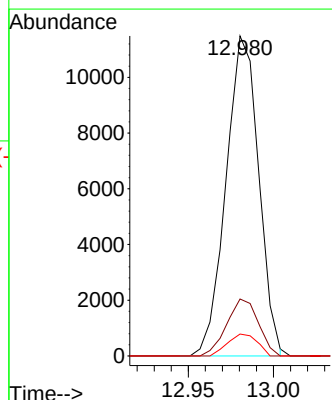
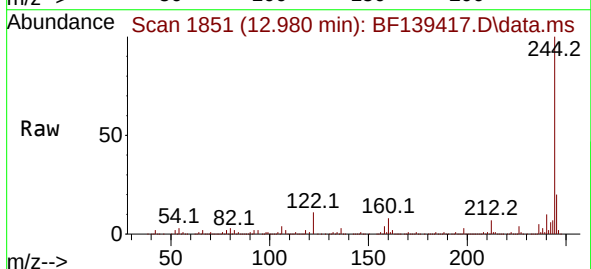
Tgt Ion:184 Resp: 15322

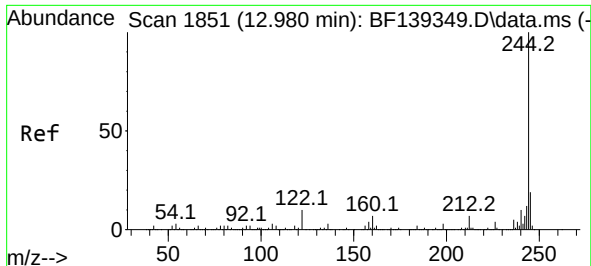
Ion Ratio Lower Upper

184 100

185 17.8 11.5 17.3#

183 6.9 8.9 13.3#

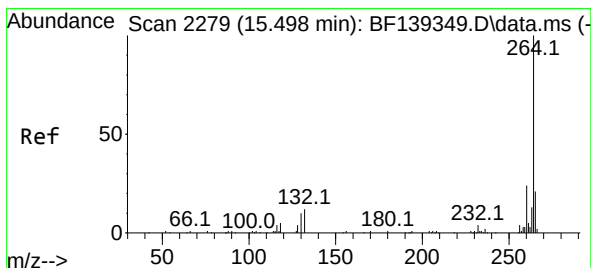
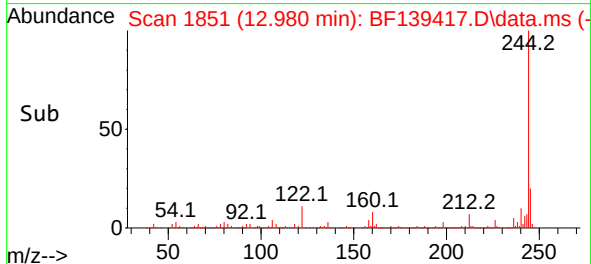
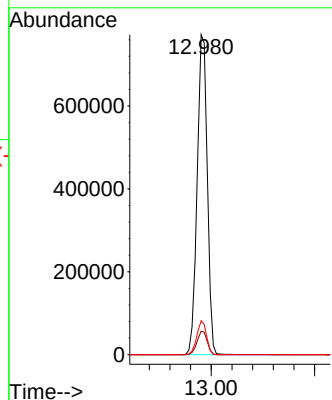
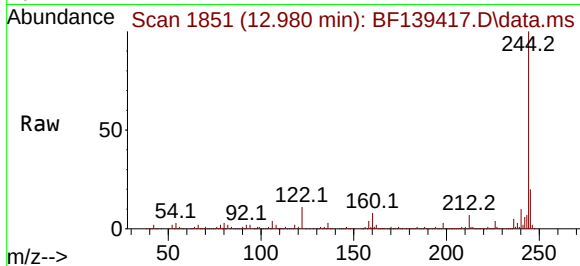




#79
 Terphenyl-d14
 Concen: 77.523 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139417.D
 Acq: 18 Sep 2024 10:15

Instrument :
 BNA_F
 ClientSampleId :
 PB163403BL

Tgt Ion:244 Resp: 1050212
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.6 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: BF139417.D
 Acq: 18 Sep 2024 10:15

Tgt Ion:264 Resp: 164675
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.1 16.6 25.0

