

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139327.D
 Acq On : 11 Sep 2024 15:56
 Operator : RC/JU
 Sample : P3906-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-701-COMP-02

Quant Time: Sep 11 16:20:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

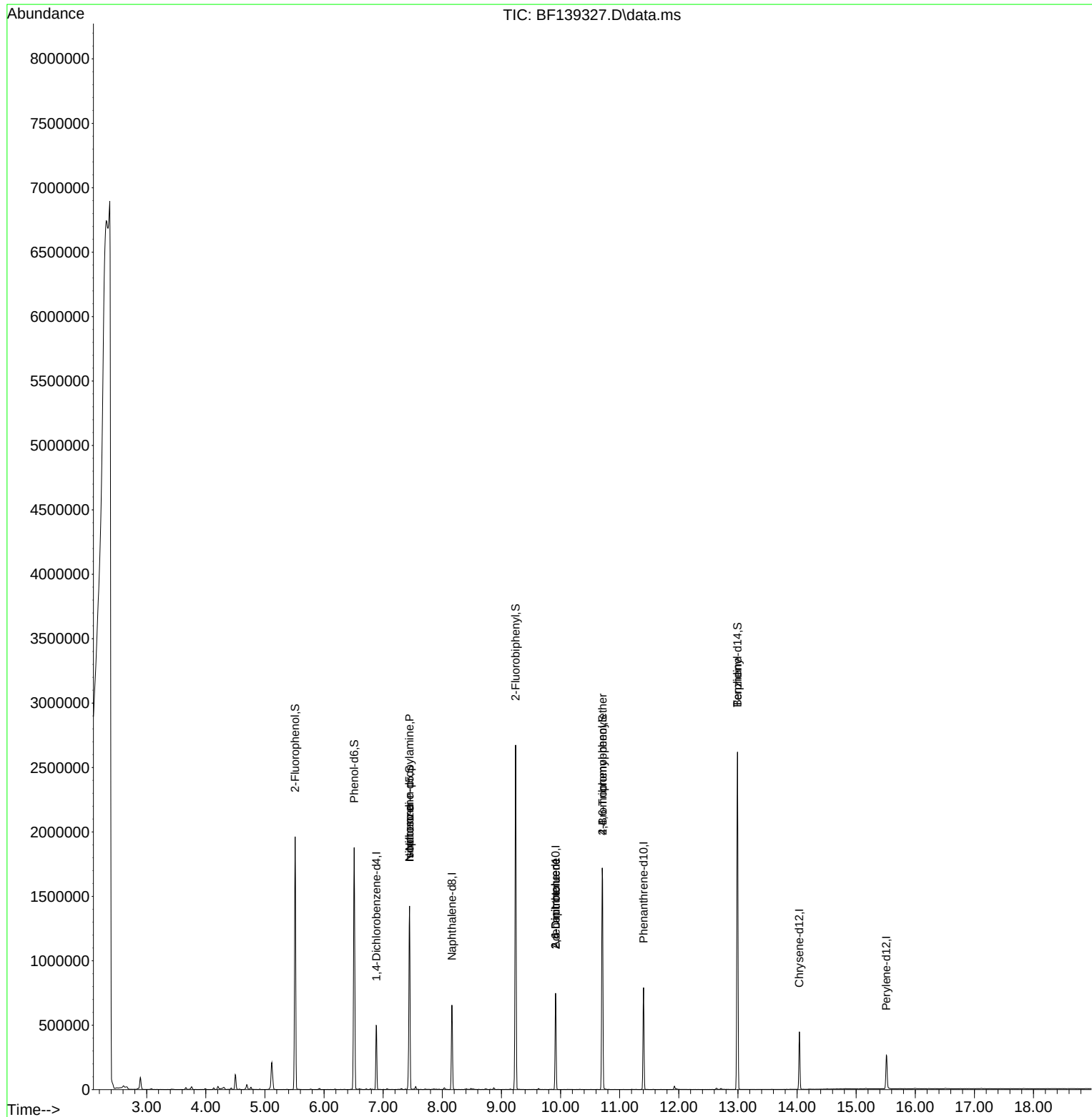
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	100957	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	376641	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	215323	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	403967	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	204597	20.000	ng	-0.01
86) Perylene-d12	15.510	264	148019	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	664538	110.115	ng	0.00
7) Phenol-d6	6.510	99	832281	103.305	ng	0.00
23) Nitrobenzene-d5	7.445	82	613066	84.678	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	274297	147.523	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1155180	82.814	ng	-0.01
79) Terphenyl-d14	12.992	244	1282512	101.210	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	84027	18.109	ng	# 75
25) Isophorone	7.445	82	611393	49.394	ng	# 67
51) 2,6-Dinitrotoluene	9.916	165	28003	9.458	ng	# 18
57) 2,4-Dinitrotoluene	9.916	165	28003	7.431	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	19000	4.848	ng	# 1
77) Benzidine	12.992	184	17317	4.204	ng	# 91

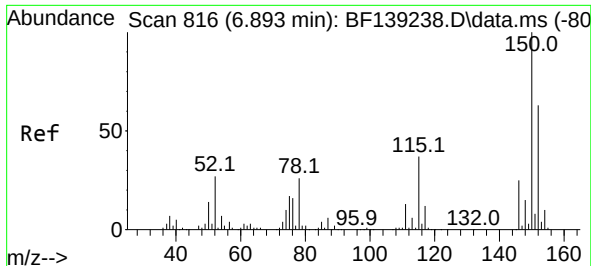
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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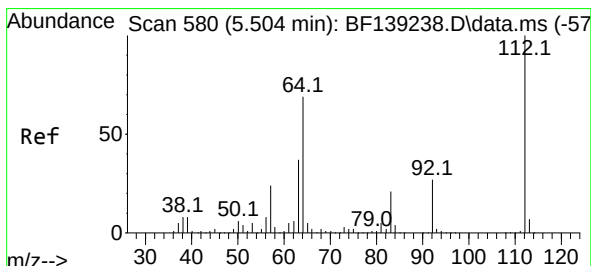
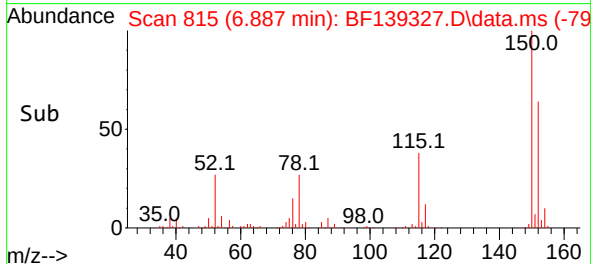
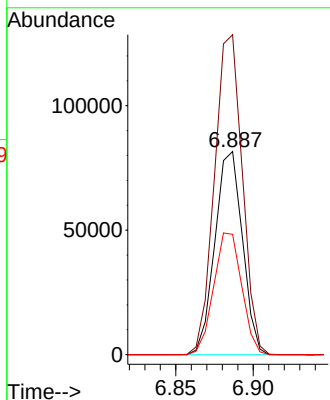
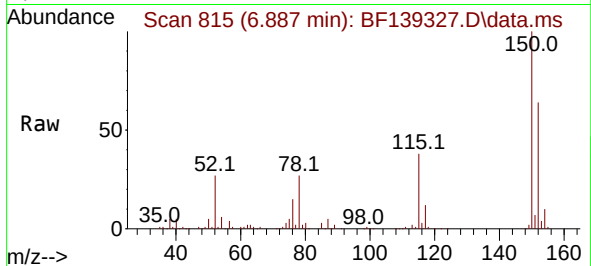




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF139327.D
 Acq: 11 Sep 2024 15:56

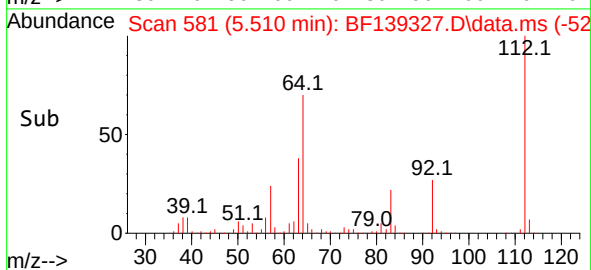
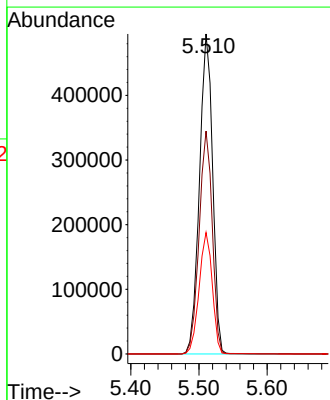
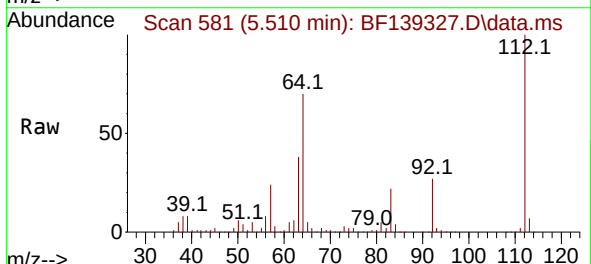
Instrument :
 BNA_F
 ClientSampleId :
 SU-701-COMP-02

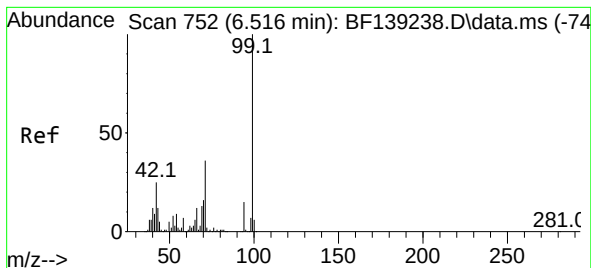
Tgt Ion:152 Resp: 100957
 Ion Ratio Lower Upper
 152 100
 150 157.4 127.0 190.4
 115 59.2 46.9 70.3



#5
 2-Fluorophenol
 Concen: 110.115 ng
 RT: 5.510 min Scan# 581
 Delta R.T. 0.006 min
 Lab File: BF139327.D
 Acq: 11 Sep 2024 15:56

Tgt Ion:112 Resp: 664538
 Ion Ratio Lower Upper
 112 100
 64 69.7 55.0 82.4
 63 38.0 29.9 44.9





#7

Phenol-d6

Concen: 103.305 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139327.D

Acq: 11 Sep 2024 15:56

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-02

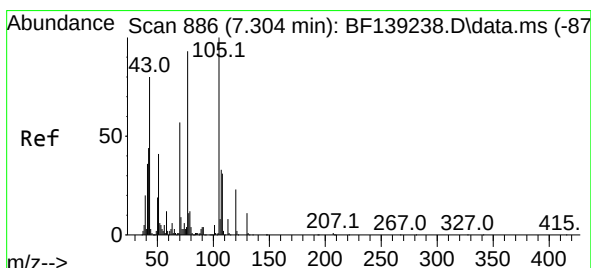
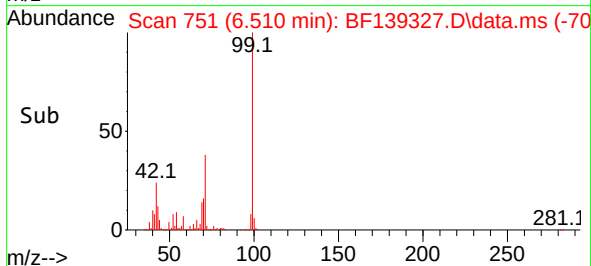
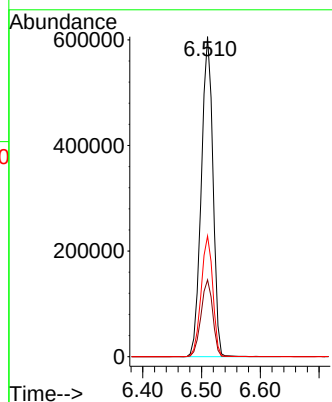
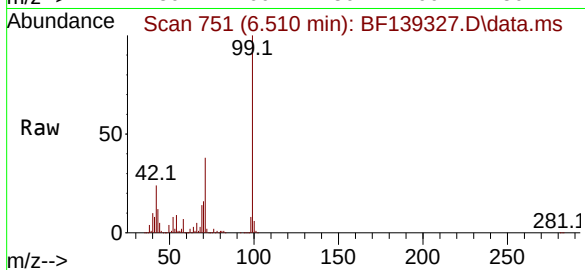
Tgt Ion: 99 Resp: 832281

Ion Ratio Lower Upper

99 100

42 24.0 19.8 29.6

71 37.7 28.8 43.2



#19

n-Nitroso-di-n-propylamine

Concen: 18.109 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.141 min

Lab File: BF139327.D

Acq: 11 Sep 2024 15:56

Tgt Ion: 70 Resp: 84027

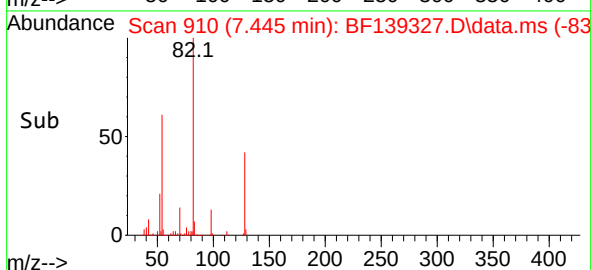
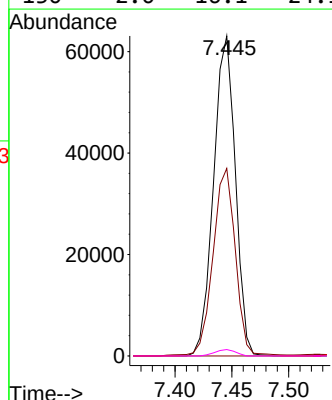
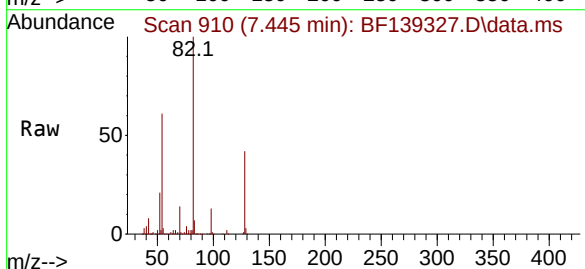
Ion Ratio Lower Upper

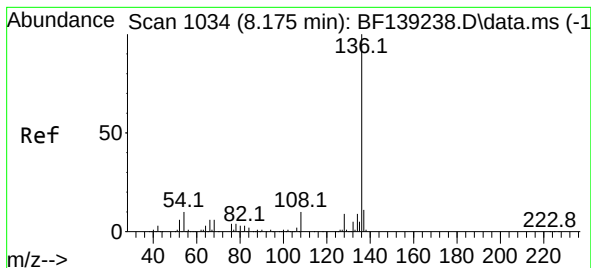
70 100

42 58.6 61.0 91.6#

101 0.0 7.2 10.8#

130 2.0 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139327.D

Acq: 11 Sep 2024 15:56

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-02

Tgt Ion:136 Resp: 376641

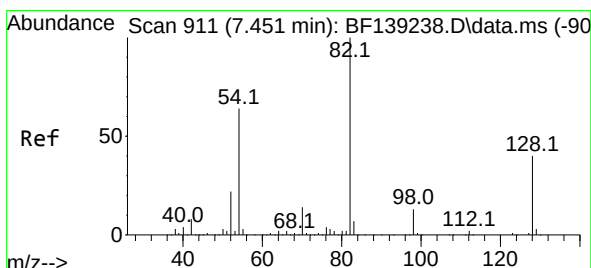
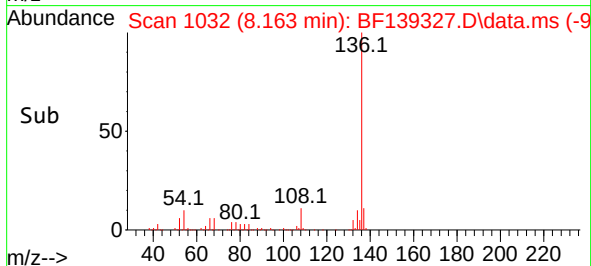
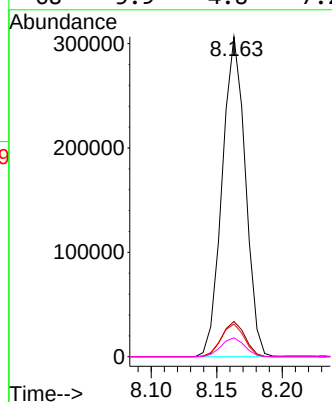
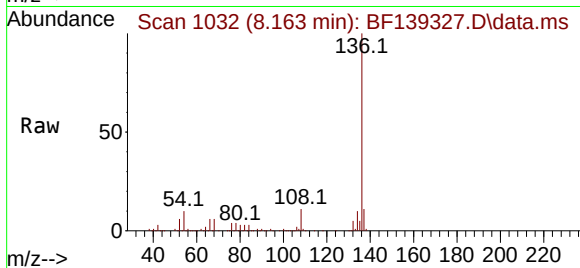
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 10.2 8.4 12.6

68 5.9 4.8 7.2



#23

Nitrobenzene-d5

Concen: 84.678 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139327.D

Acq: 11 Sep 2024 15:56

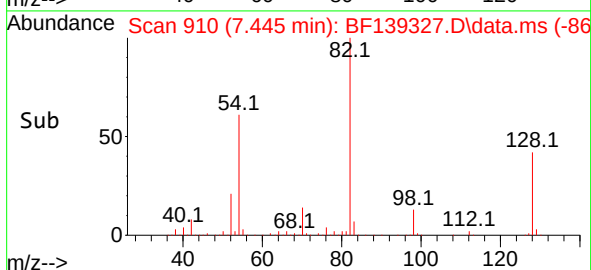
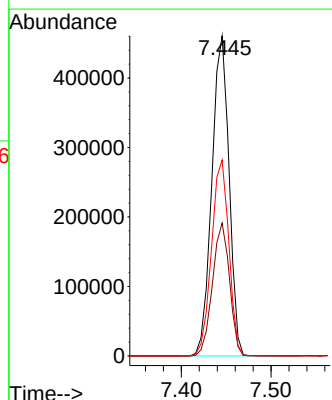
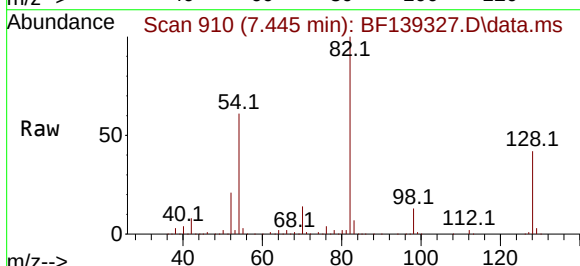
Tgt Ion: 82 Resp: 613066

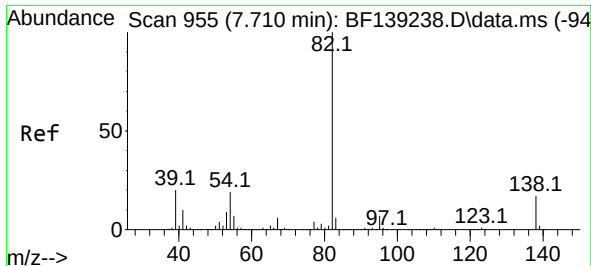
Ion Ratio Lower Upper

82 100

128 41.5 32.3 48.5

54 61.3 51.2 76.8

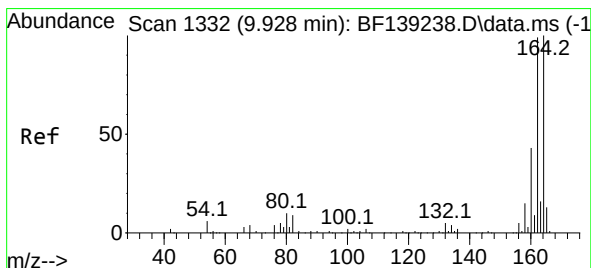
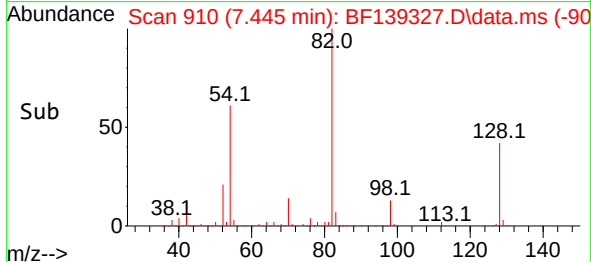
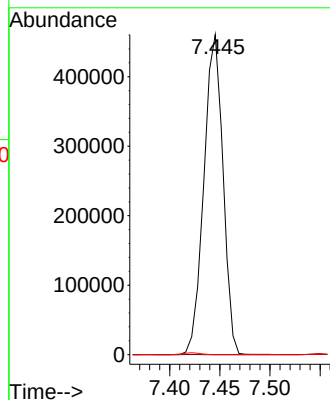
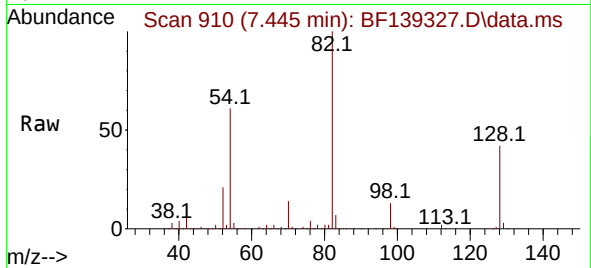




#25
Isophorone
Concen: 49.394 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139327.D
Acq: 11 Sep 2024 15:56

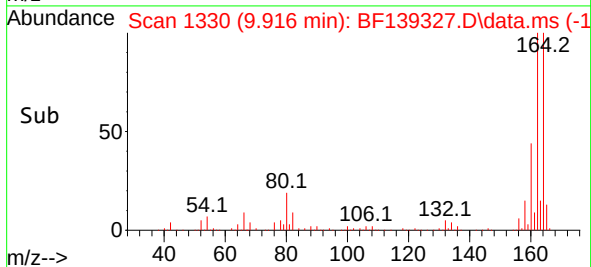
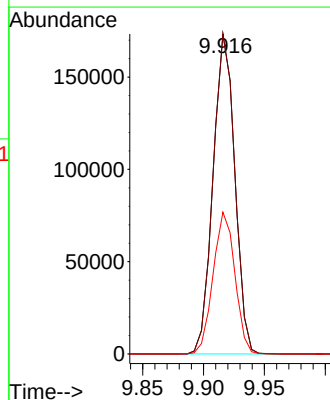
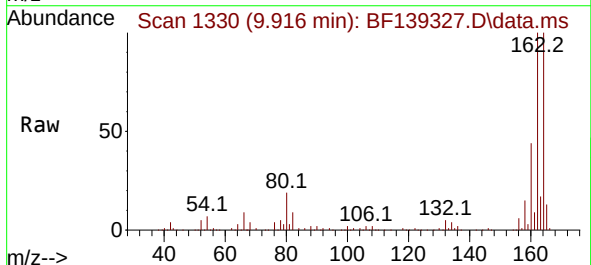
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-02

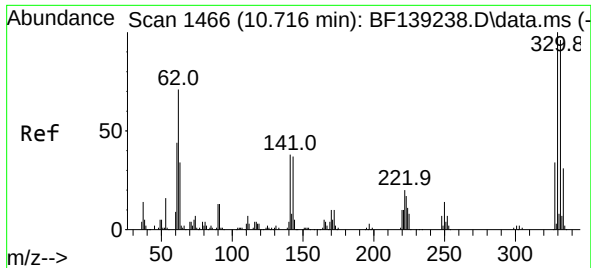
Tgt Ion: 82 Resp: 611393
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF139327.D
Acq: 11 Sep 2024 15:56

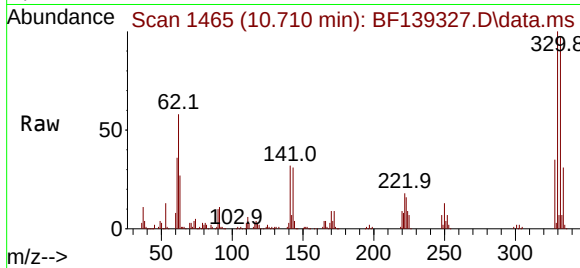
Tgt Ion:164 Resp: 215323
Ion Ratio Lower Upper
164 100
162 100.0 79.2 118.8
160 44.3 34.2 51.2



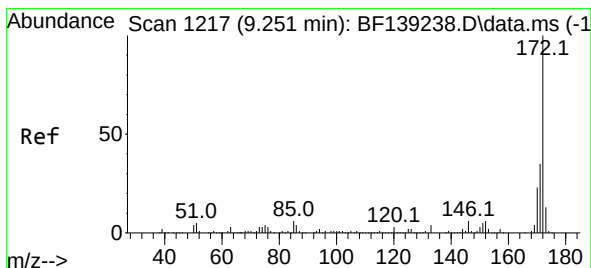
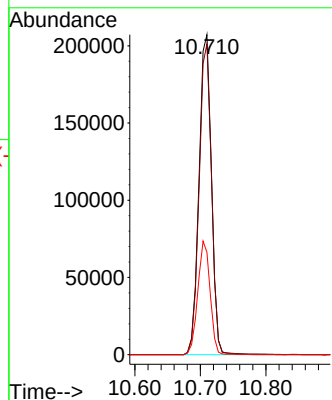
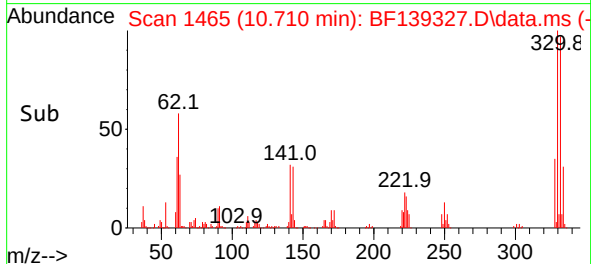


#42
2,4,6-Tribromophenol
Concen: 147.523 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139327.D
Acq: 11 Sep 2024 15:56

Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-02

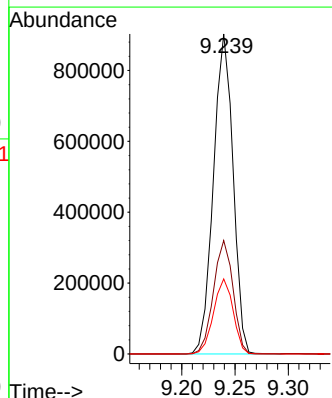
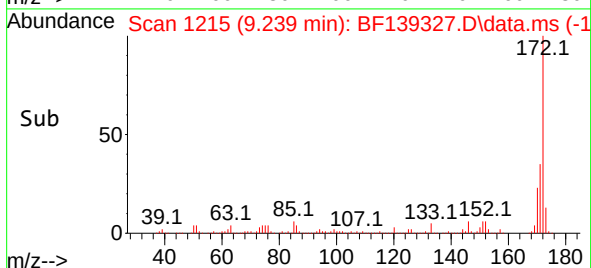
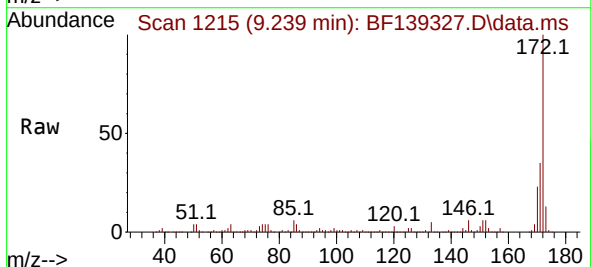


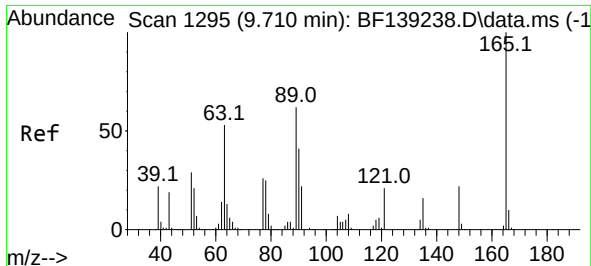
Tgt Ion:330 Resp: 274297
Ion Ratio Lower Upper
330 100
332 96.5 76.6 115.0
141 35.1 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 82.814 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF139327.D
Acq: 11 Sep 2024 15:56

Tgt Ion:172 Resp: 1155180
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.5 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.458 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF139327.D

Acq: 11 Sep 2024 15:56

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-02

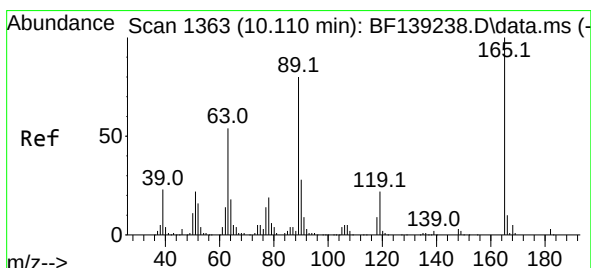
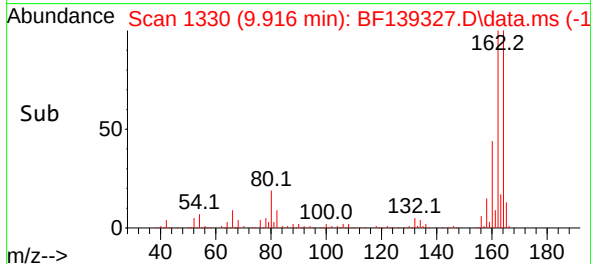
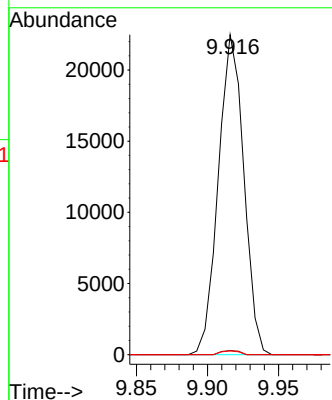
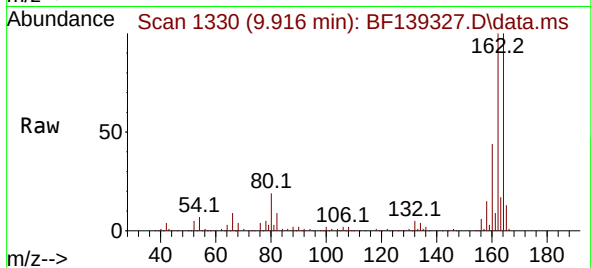
Tgt Ion:165 Resp: 28003

Ion Ratio Lower Upper

165 100

63 1.3 56.1 84.1#

89 1.2 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 7.431 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.194 min

Lab File: BF139327.D

Acq: 11 Sep 2024 15:56

Tgt Ion:165 Resp: 28003

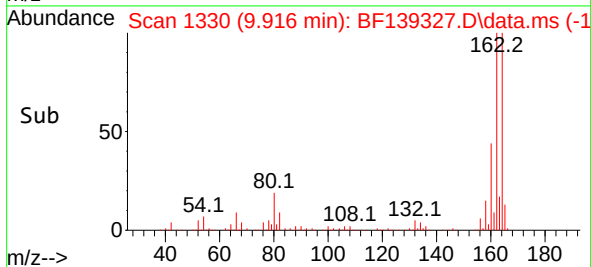
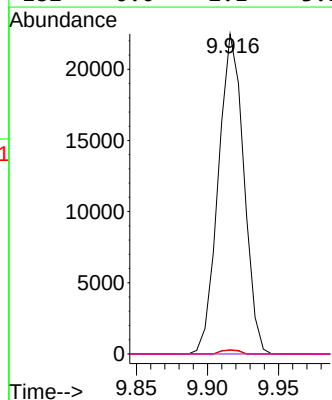
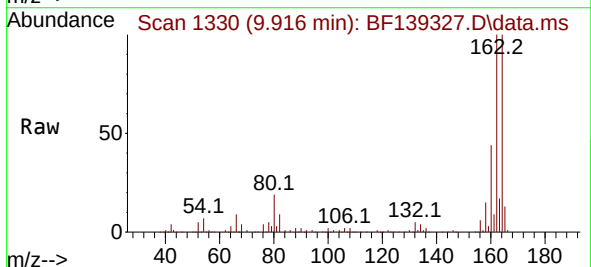
Ion Ratio Lower Upper

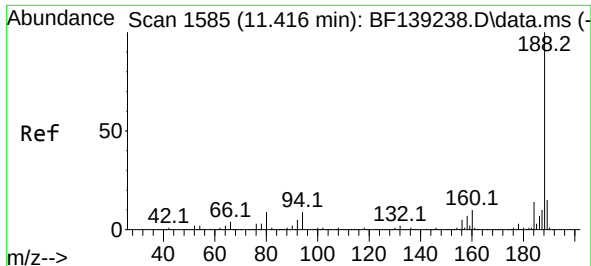
165 100

63 1.3 43.4 65.0#

89 1.2 64.2 96.4#

182 0.0 2.1 3.1#

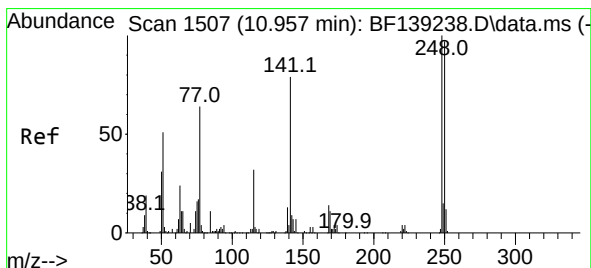
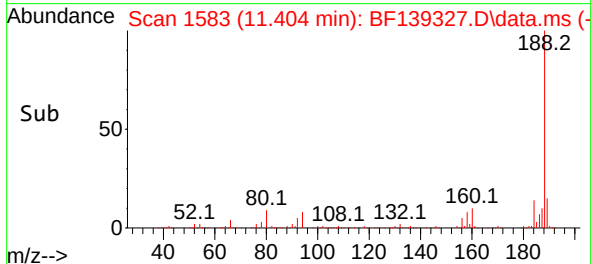
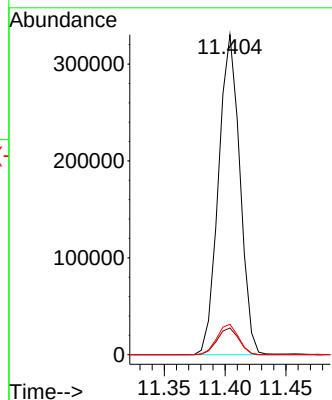
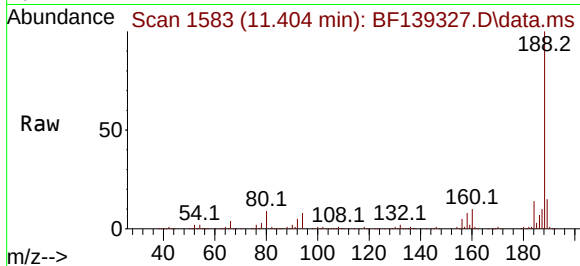




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139327.D
Acq: 11 Sep 2024 15:56

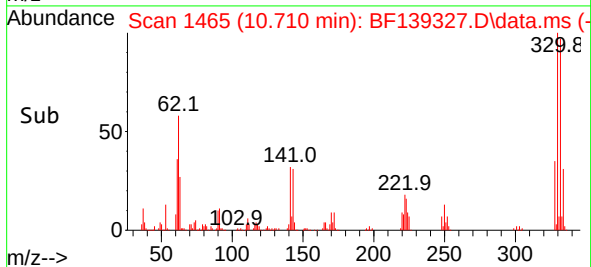
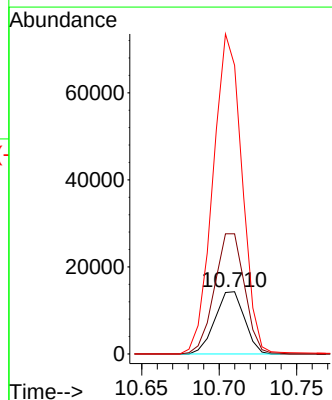
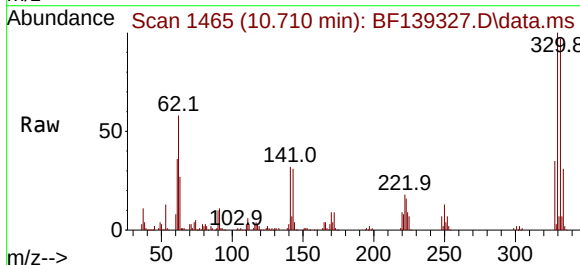
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-02

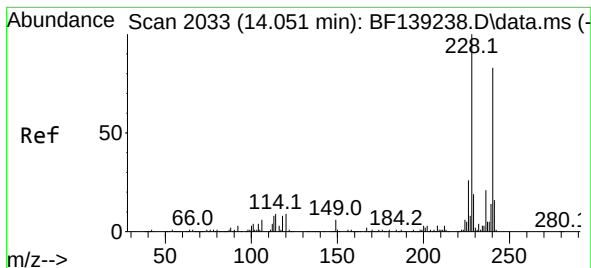
Tgt Ion:188 Resp: 403967
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.5 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 4.848 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139327.D
Acq: 11 Sep 2024 15:56

Tgt Ion:248 Resp: 19000
Ion Ratio Lower Upper
248 100
250 193.0 77.2 115.8#
141 463.9 63.6 95.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF139327.D

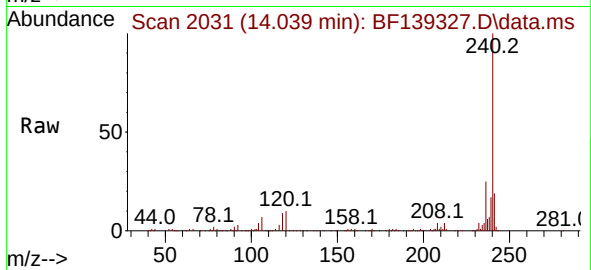
Acq: 11 Sep 2024 15:56

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-02



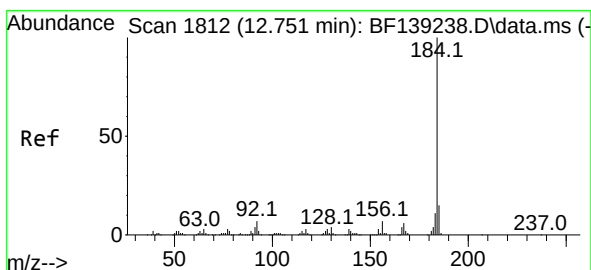
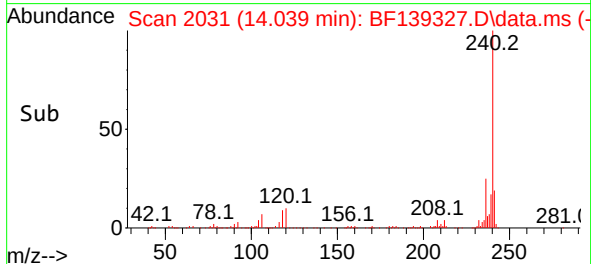
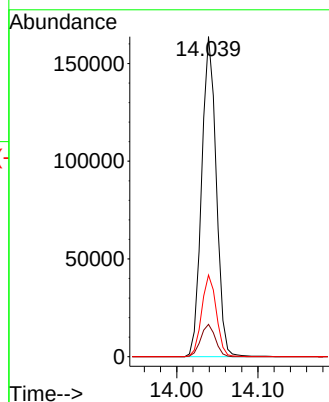
Tgt Ion:240 Resp: 204597

Ion Ratio Lower Upper

240 100

120 10.1 8.6 12.8

236 25.5 20.7 31.1



#77

Benzidine

Concen: 4.204 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF139327.D

Acq: 11 Sep 2024 15:56

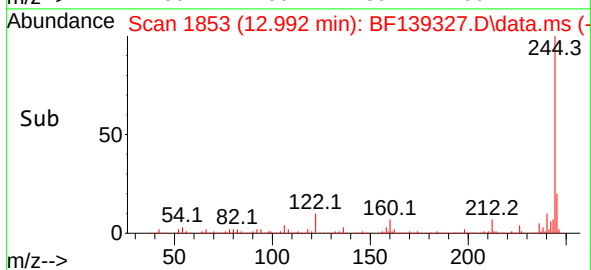
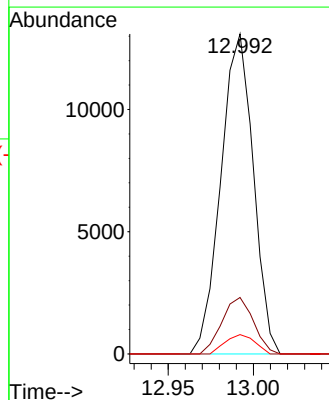
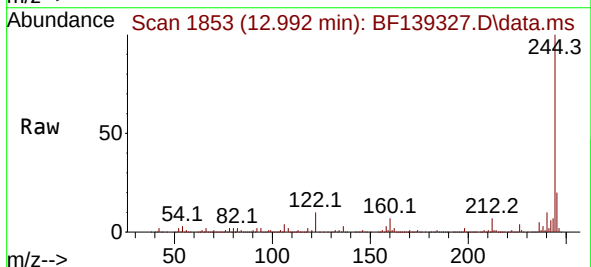
Tgt Ion:184 Resp: 17317

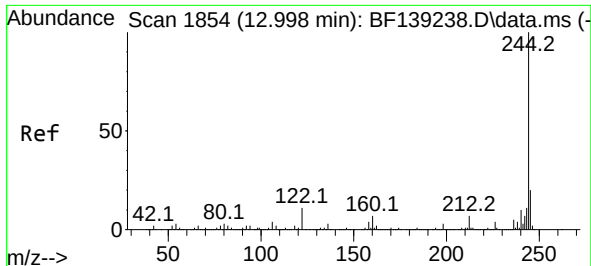
Ion Ratio Lower Upper

184 100

185 17.7 11.9 17.9

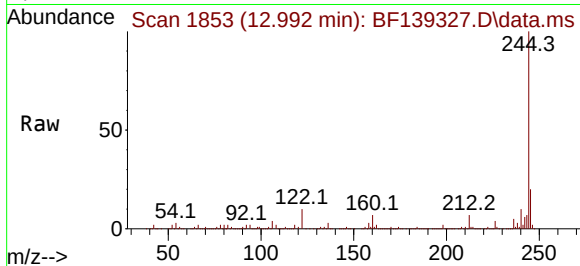
183 6.0 8.8 13.2#





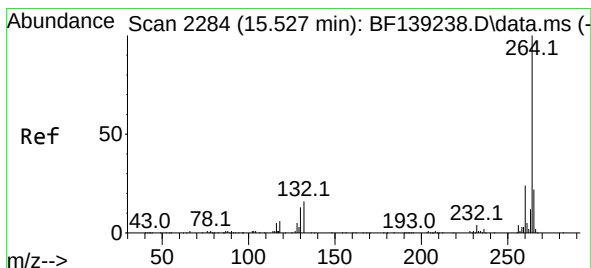
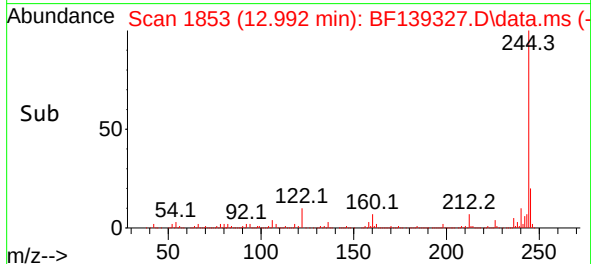
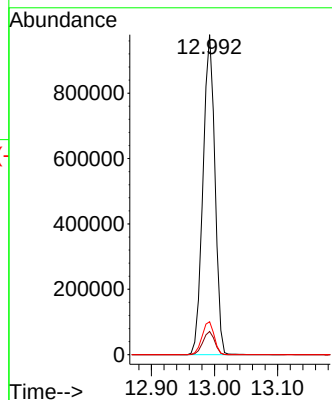
#79
 Terphenyl-d14
 Concen: 101.210 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139327.D
 Acq: 11 Sep 2024 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SU-701-COMP-02



Tgt Ion:244 Resp: 1282512

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.3	8.7	13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. -0.018 min
 Lab File: BF139327.D
 Acq: 11 Sep 2024 15:56

Tgt Ion:264 Resp: 148019

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.8	28.2
265	21.5	17.3	25.9

