

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139328.D
 Acq On : 11 Sep 2024 16:24
 Operator : RC/JU
 Sample : P3906-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-701-COMP-01

Quant Time: Sep 11 16:50:00 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)

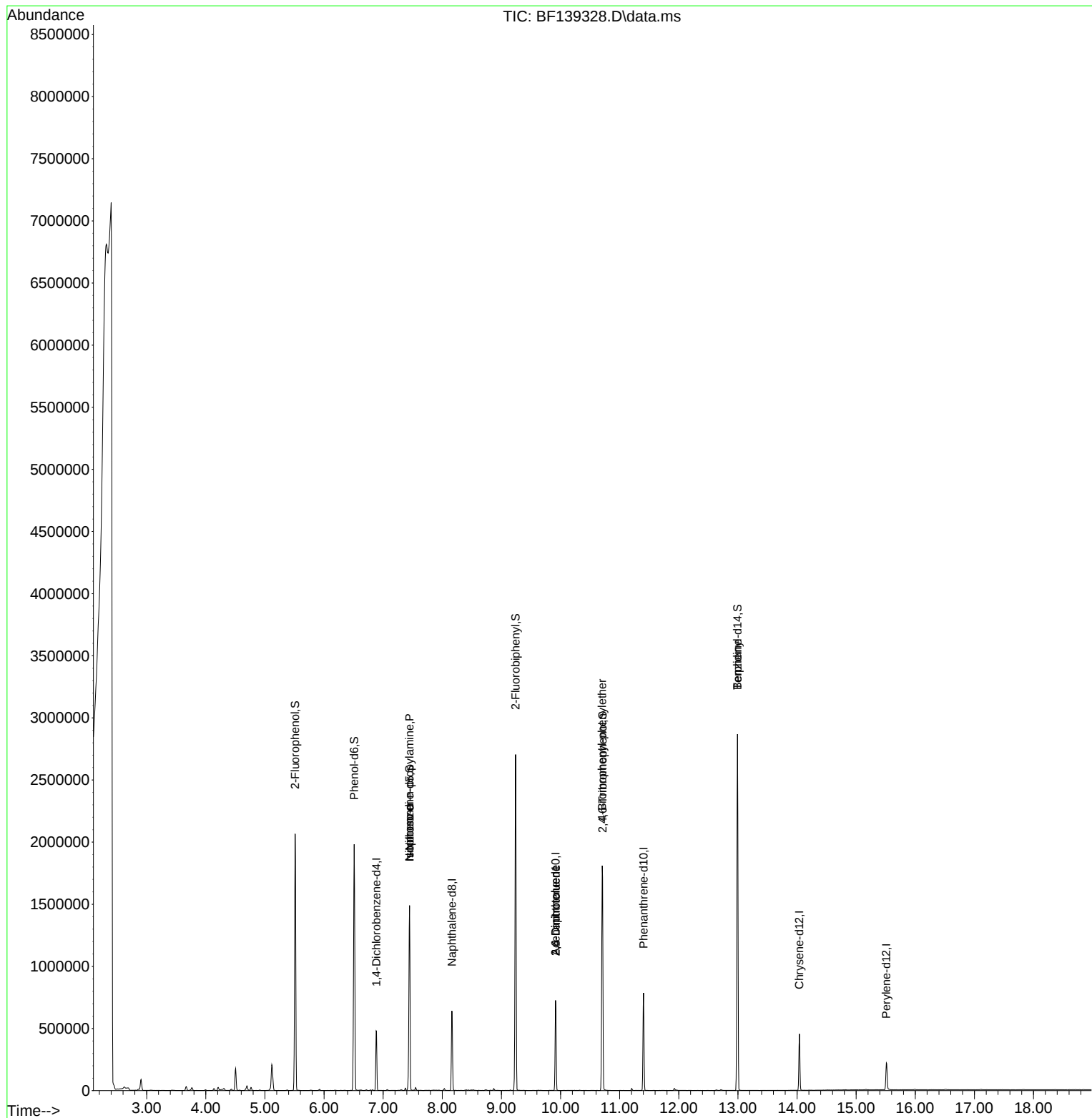
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	98904	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	372628	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	209756	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	402152	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	207478	20.000	ng	-0.01
86) Perylene-d12	15.510	264	119401	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	711534	120.349	ng	0.00
7) Phenol-d6	6.510	99	886639	112.336	ng	0.00
23) Nitrobenzene-d5	7.445	82	646156	90.210	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	288981	159.545	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1183842	87.122	ng	-0.01
79) Terphenyl-d14	12.992	244	1395244	108.577	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	89509	19.691	ng	# 75
25) Isophorone	7.445	82	644107	52.598	ng	# 67
51) 2,6-Dinitrotoluene	9.916	165	26741	9.272	ng	# 18
57) 2,4-Dinitrotoluene	9.916	165	26741	7.284	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	20265	5.194	ng	# 1
77) Benzidine	12.992	184	18579	4.447	ng	# 93

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

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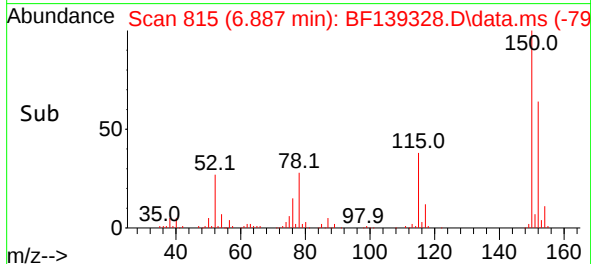
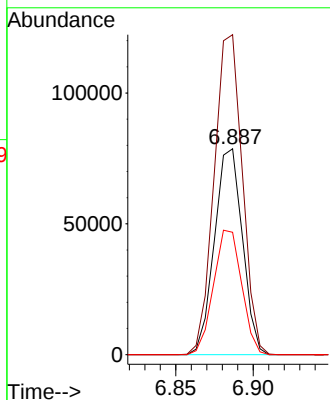
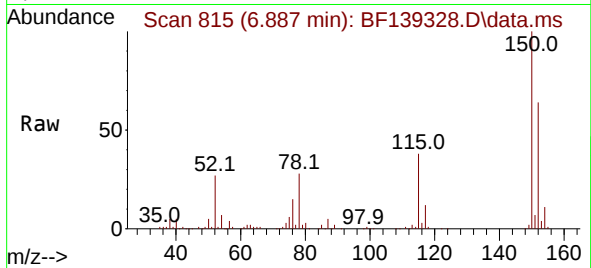




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139328.D
Acq: 11 Sep 2024 16:24

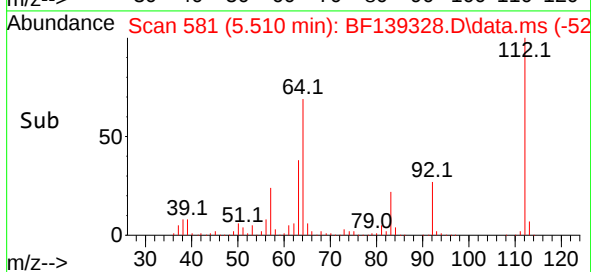
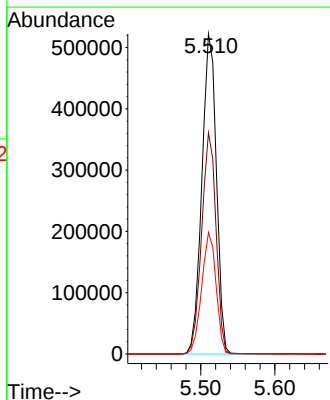
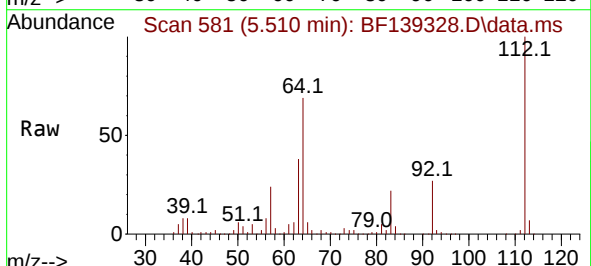
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01

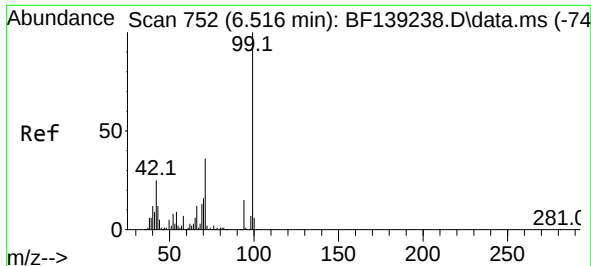
Tgt Ion:152 Resp: 98904
Ion Ratio Lower Upper
152 100
150 155.4 127.0 190.4
115 59.4 46.9 70.3



#5
2-Fluorophenol
Concen: 120.349 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139328.D
Acq: 11 Sep 2024 16:24

Tgt Ion:112 Resp: 711534
Ion Ratio Lower Upper
112 100
64 69.2 55.0 82.4
63 37.9 29.9 44.9

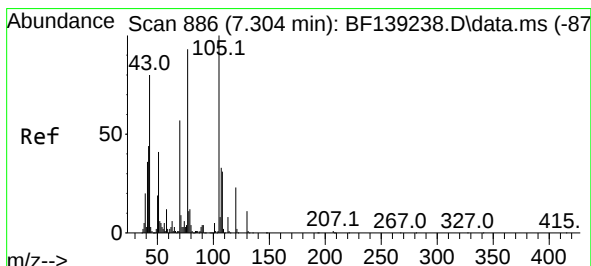
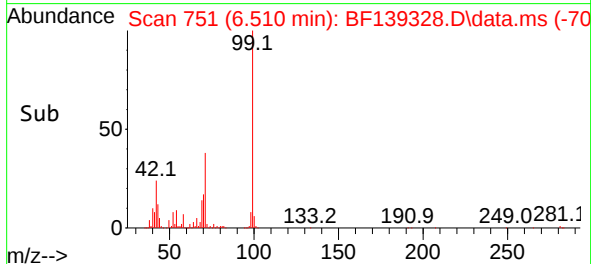
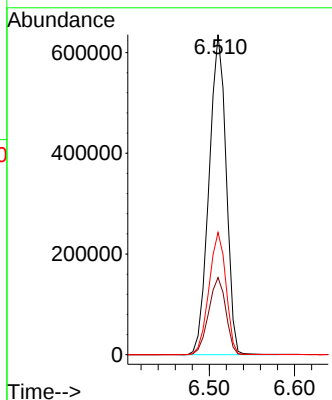
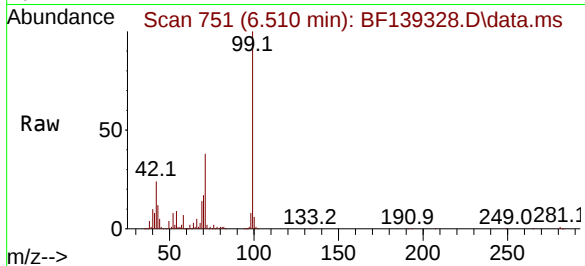




#7
Phenol-d6
Concen: 112.336 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF139328.D
Acq: 11 Sep 2024 16:24

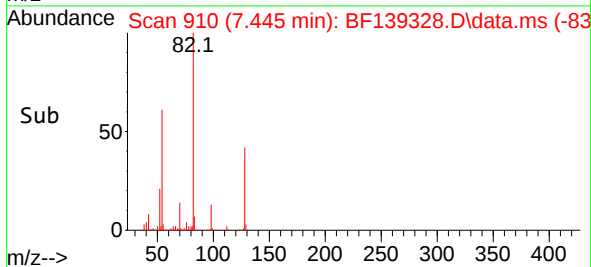
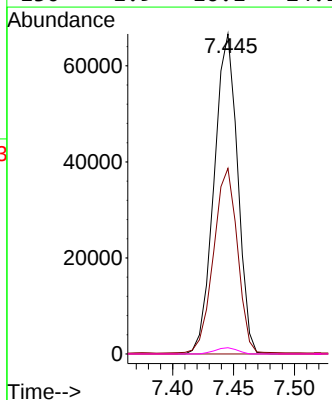
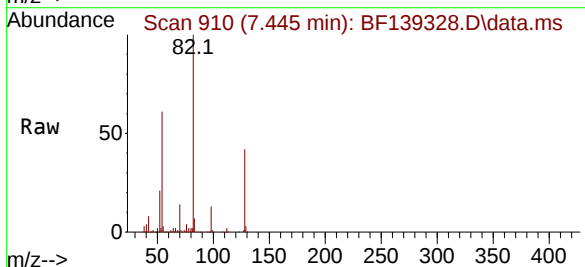
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01

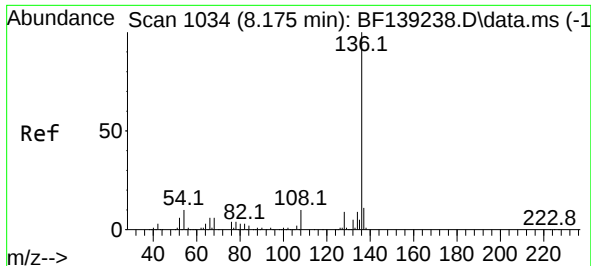
Tgt Ion: 99 Resp: 886639
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 38.2 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.691 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139328.D
Acq: 11 Sep 2024 16:24

Tgt Ion: 70 Resp: 89509
Ion Ratio Lower Upper
70 100
42 58.0 61.0 91.6#
101 0.0 7.2 10.8#
130 1.9 16.1 24.1#



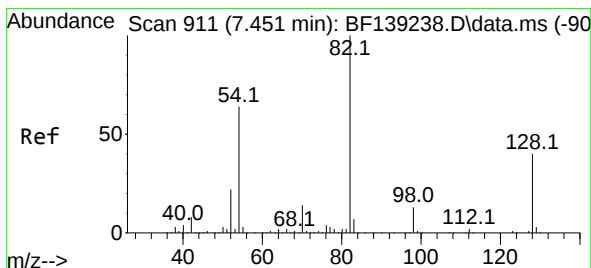
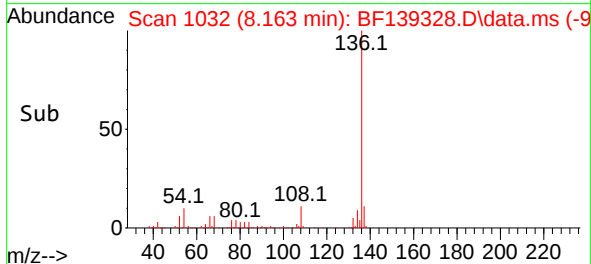
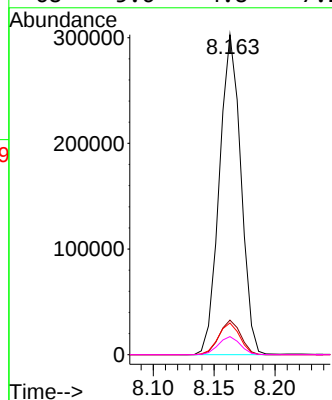
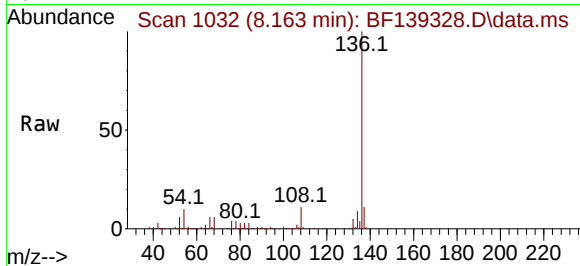


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF139328.D
Acq: 11 Sep 2024 16:24

Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01

Tgt Ion:136 Resp: 372628

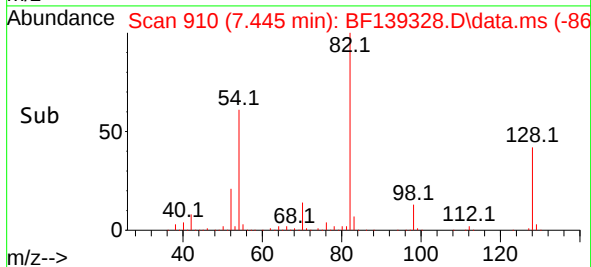
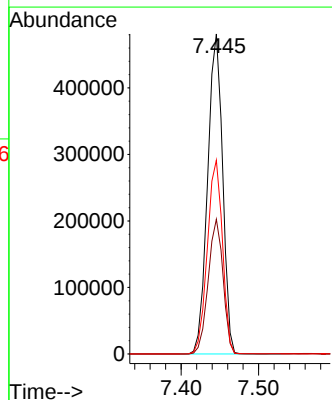
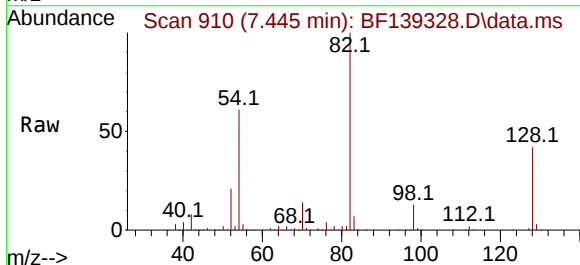
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.9	8.4	12.6
68	5.6	4.8	7.2

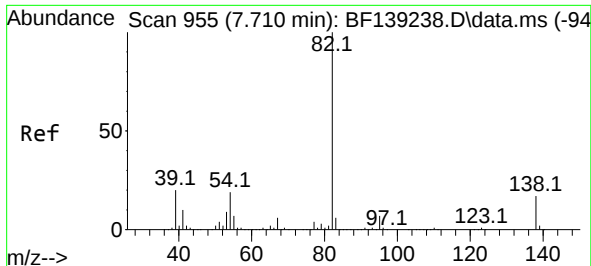


#23
Nitrobenzene-d5
Concen: 90.210 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139328.D
Acq: 11 Sep 2024 16:24

Tgt Ion: 82 Resp: 646156

Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.3	48.5
54	60.6	51.2	76.8

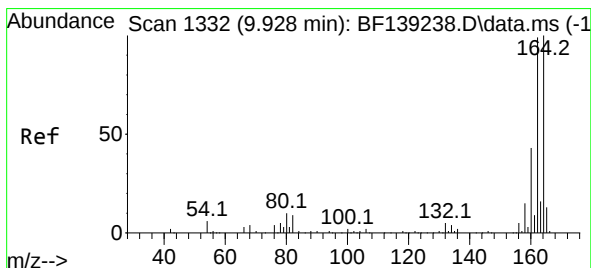
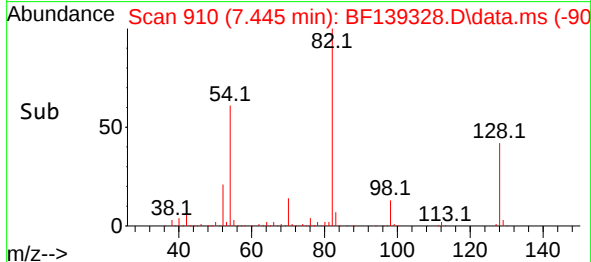
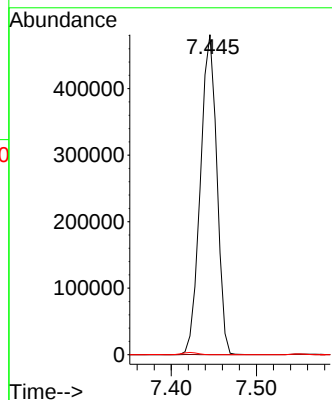
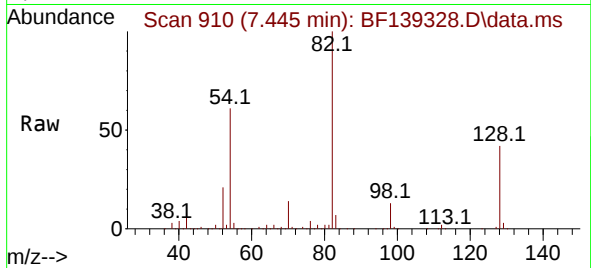




#25
Isophorone
Concen: 52.598 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139328.D
Acq: 11 Sep 2024 16:24

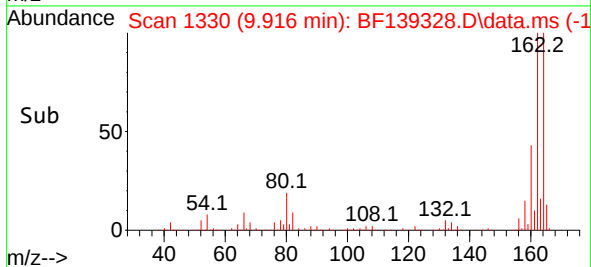
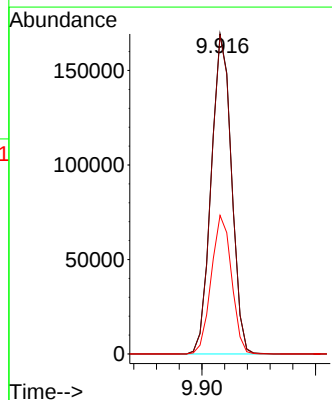
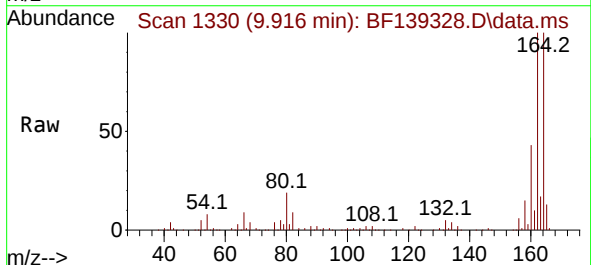
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01

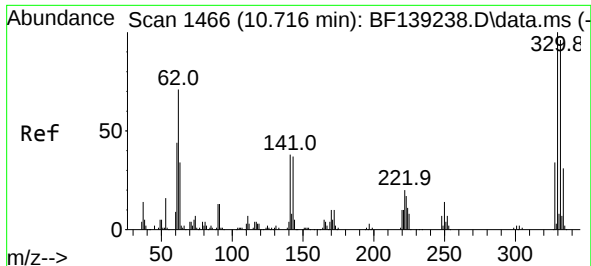
Tgt Ion: 82 Resp: 644107
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF139328.D
Acq: 11 Sep 2024 16:24

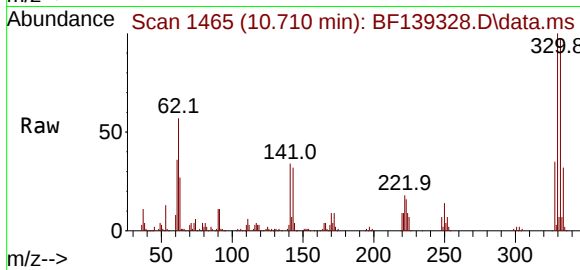
Tgt Ion:164 Resp: 209756
Ion Ratio Lower Upper
164 100
162 99.6 79.2 118.8
160 43.3 34.2 51.2



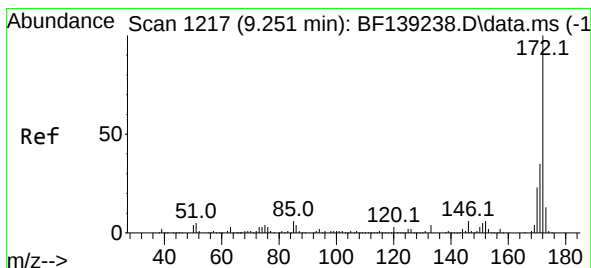
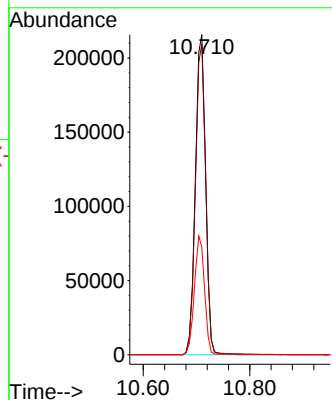
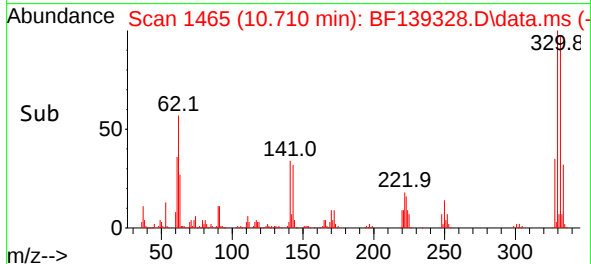


#42
2,4,6-Tribromophenol
Concen: 159.545 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139328.D
Acq: 11 Sep 2024 16:24

Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01

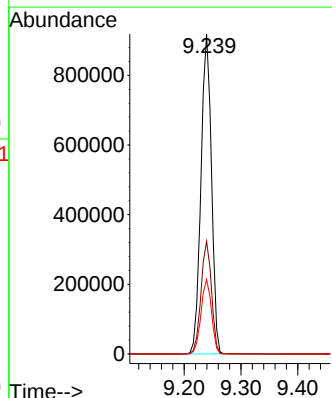
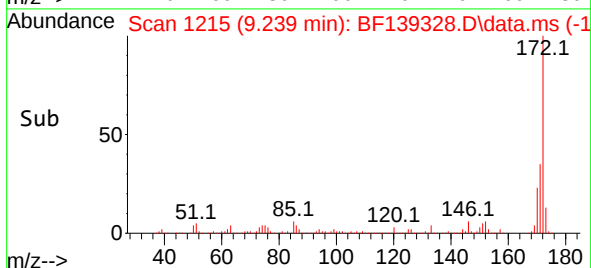
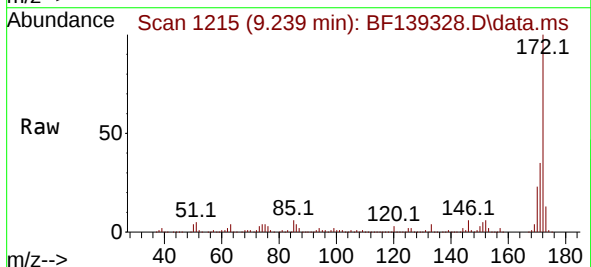


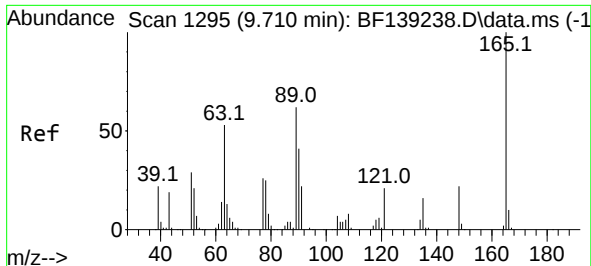
Tgt Ion:330 Resp: 288981
Ion Ratio Lower Upper
330 100
332 96.5 76.6 115.0
141 36.5 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 87.122 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF139328.D
Acq: 11 Sep 2024 16:24

Tgt Ion:172 Resp: 1183842
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.3 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.272 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF139328.D

Acq: 11 Sep 2024 16:24

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-01

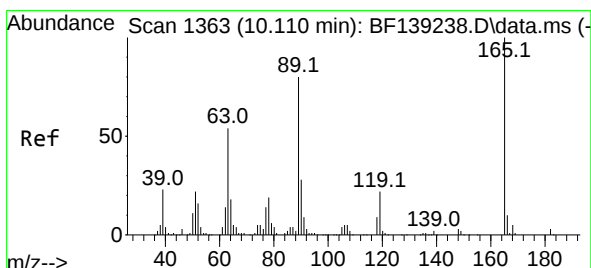
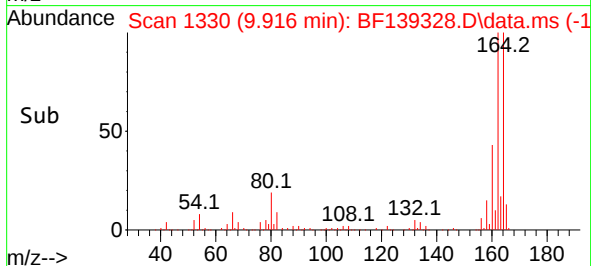
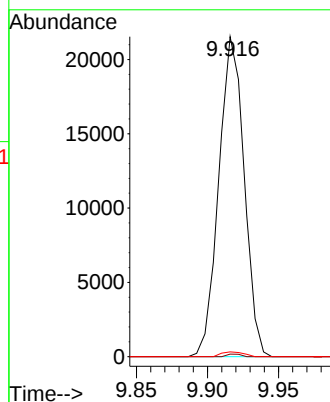
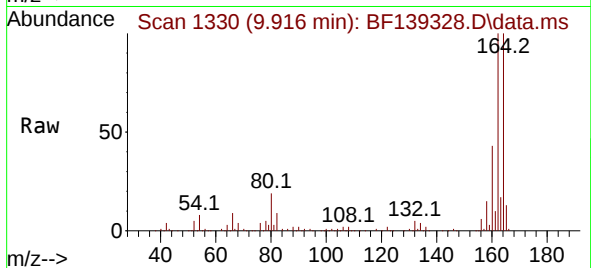
Tgt Ion:165 Resp: 26741

Ion Ratio Lower Upper

165 100

63 0.8 56.1 84.1#

89 1.5 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 7.284 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.194 min

Lab File: BF139328.D

Acq: 11 Sep 2024 16:24

Tgt Ion:165 Resp: 26741

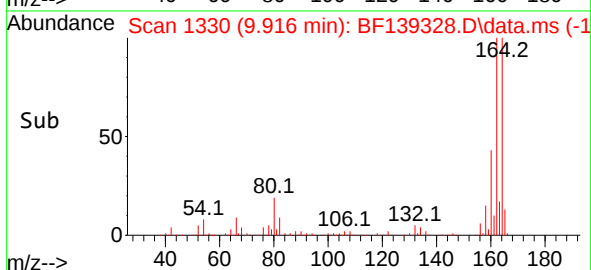
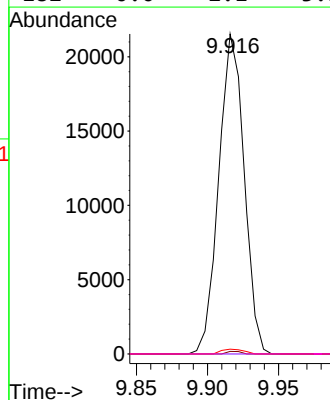
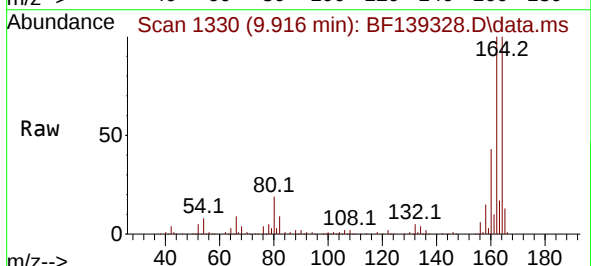
Ion Ratio Lower Upper

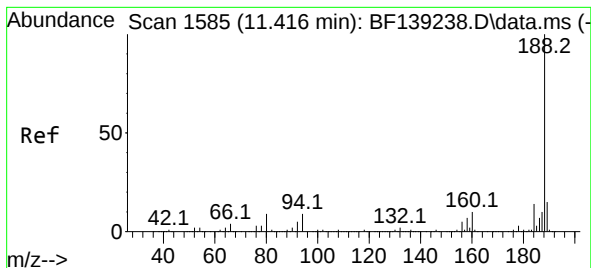
165 100

63 0.8 43.4 65.0#

89 1.5 64.2 96.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139328.D

Acq: 11 Sep 2024 16:24

Instrument :

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SU-701-COMP-01

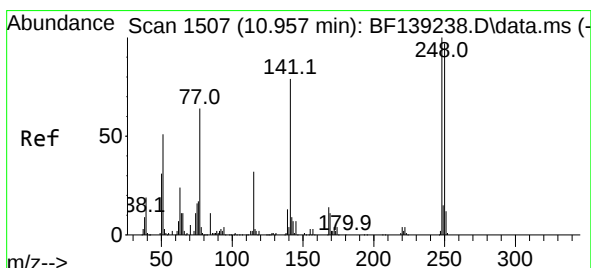
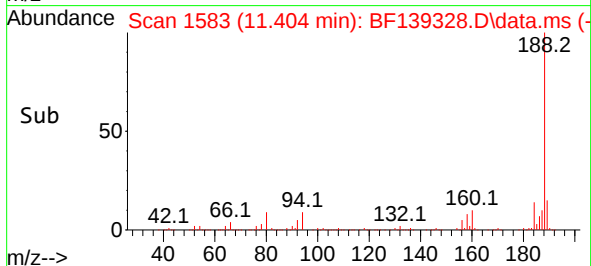
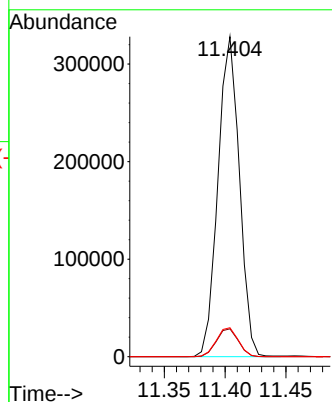
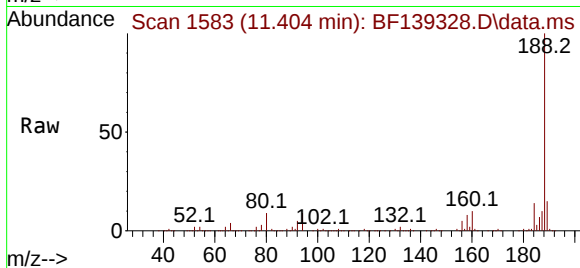
Tgt Ion:188 Resp: 402152

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

80 9.1 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 5.194 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.253 min

Lab File: BF139328.D

Acq: 11 Sep 2024 16:24

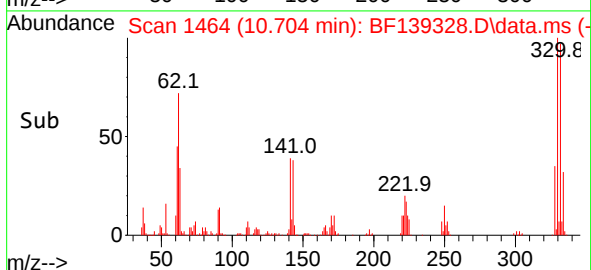
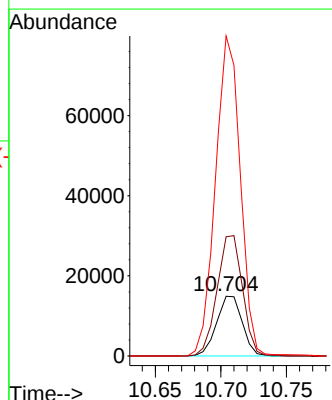
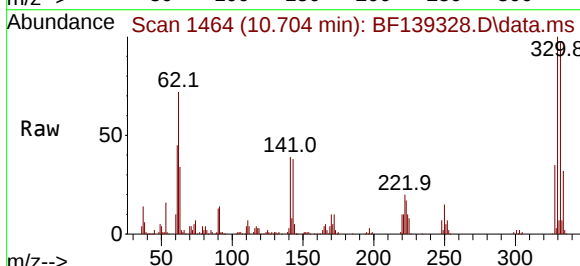
Tgt Ion:248 Resp: 20265

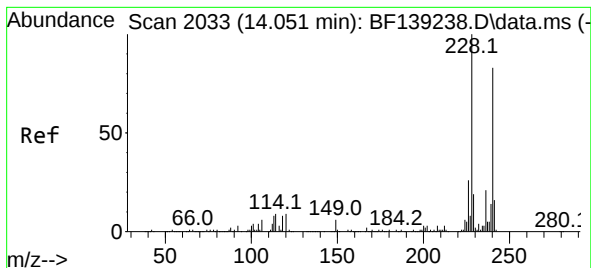
Ion Ratio Lower Upper

248 100

250 199.5 77.2 115.8#

141 535.7 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: BF139328.D

Acq: 11 Sep 2024 16:24

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-01

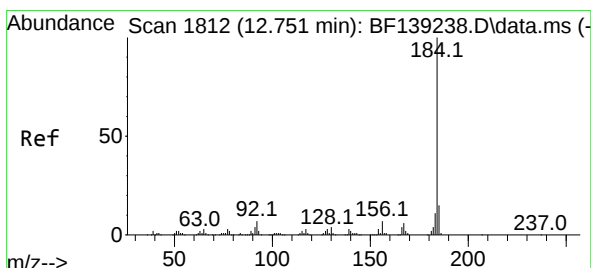
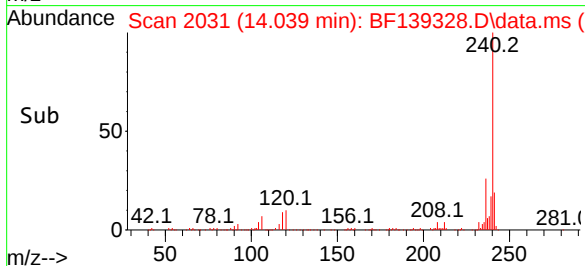
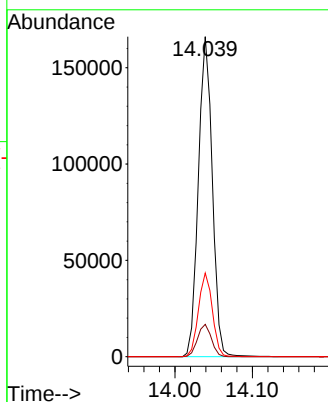
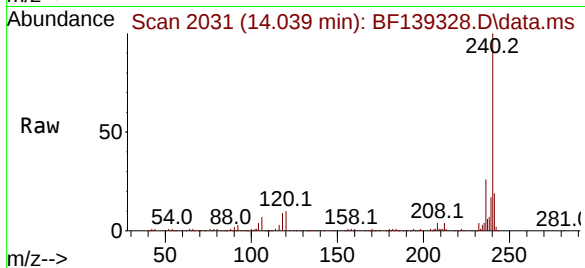
Tgt Ion:240 Resp: 207478

Ion Ratio Lower Upper

240 100

120 10.1 8.6 12.8

236 26.2 20.7 31.1



#77

Benzidine

Concen: 4.447 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF139328.D

Acq: 11 Sep 2024 16:24

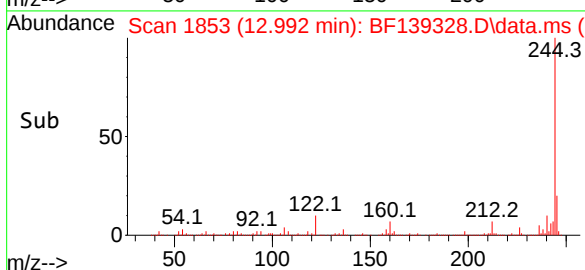
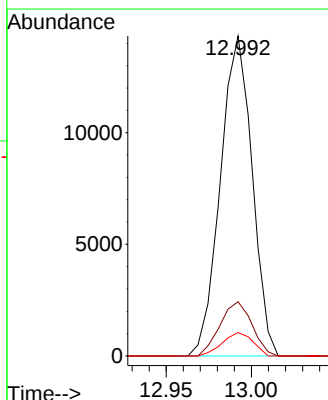
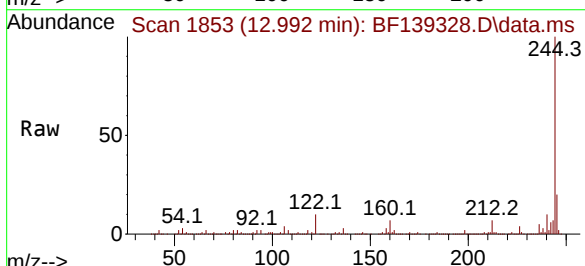
Tgt Ion:184 Resp: 18579

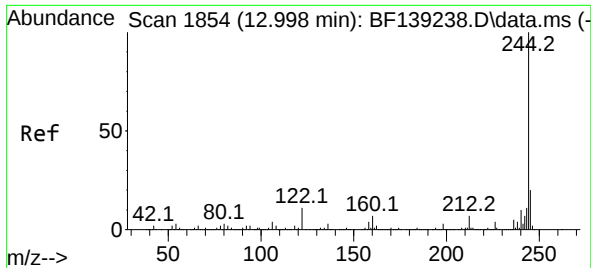
Ion Ratio Lower Upper

184 100

185 17.0 11.9 17.9

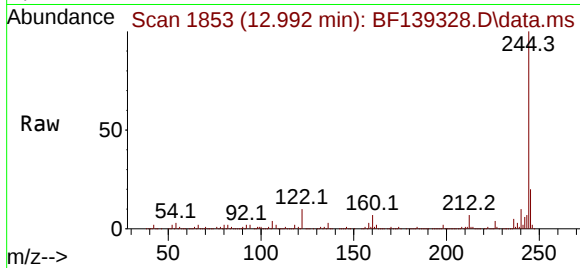
183 7.3 8.8 13.2#



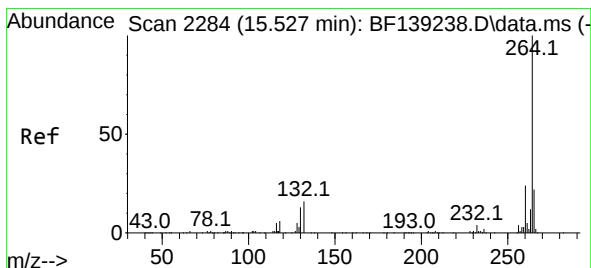
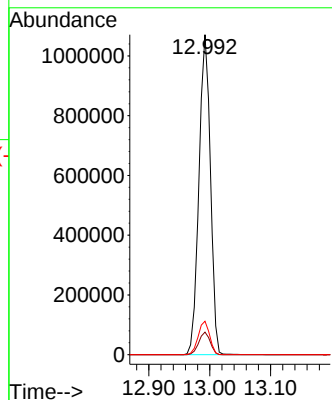
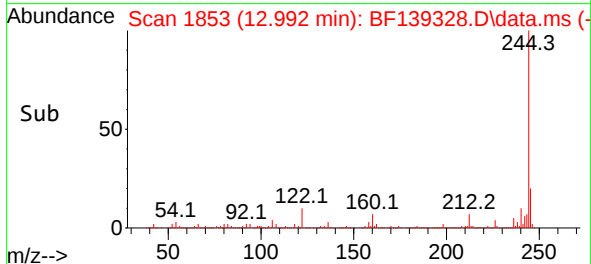


#79
Terphenyl-d14
Concen: 108.577 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139328.D
Acq: 11 Sep 2024 16:24

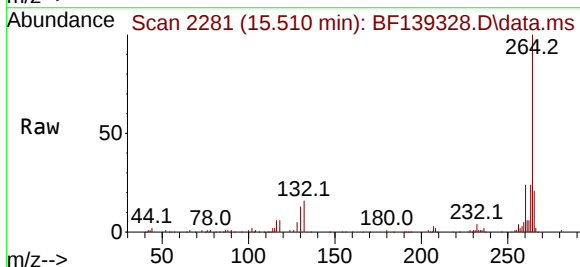
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01



Tgt Ion:244 Resp: 1395244
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.5 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: BF139328.D
Acq: 11 Sep 2024 16:24



Tgt Ion:264 Resp: 119401
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.5 17.3 25.9

