

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
 Data File : BF139302.D
 Acq On : 10 Sep 2024 16:28
 Operator : RC/JU
 Sample : P3906-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 10 17:17:16 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)

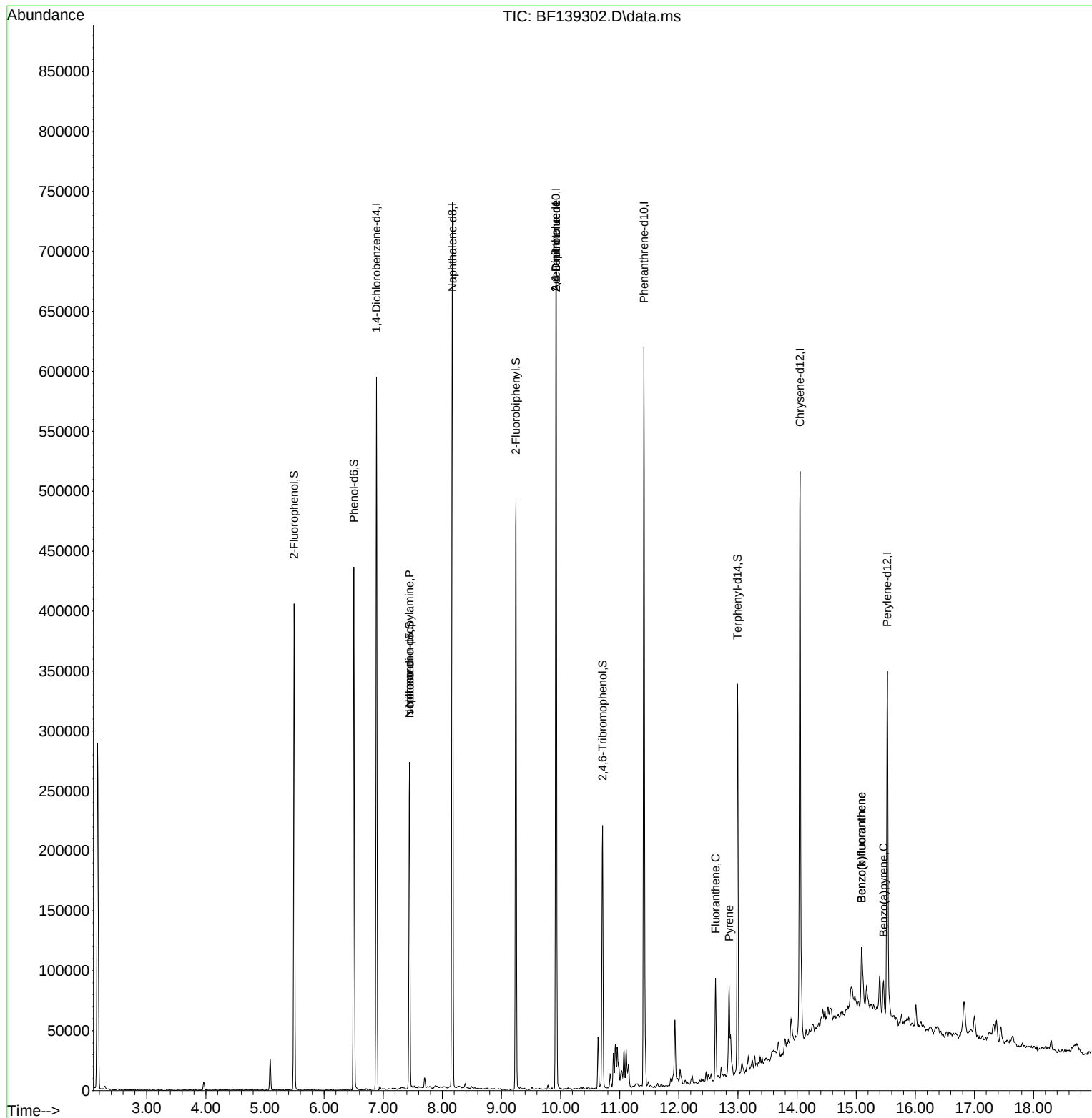
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	117694	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	421700	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	217565	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	318607	20.000	ng	0.00
76) Chrysene-d12	14.051	240	205929	20.000	ng	0.00
86) Perylene-d12	15.527	264	163660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	130533	18.554	ng	-0.01
7) Phenol-d6	6.504	99	174839	18.615	ng	-0.01
23) Nitrobenzene-d5	7.445	82	109989	13.569	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	32010	17.038	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	215613	15.298	ng	0.00
79) Terphenyl-d14	12.992	244	154881	12.143	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	14951	2.764	ng	# 75
25) Isophorone	7.445	82	109022	7.867	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	26846	8.974	ng	# 18
57) 2,4-Dinitrotoluene	9.922	165	26846	7.051	ng	# 18
75) Fluoranthene	12.622	202	46295	3.103	ng	100
78) Pyrene	12.851	202	41741	2.098	ng	98
88) Benzo(b)fluoranthene	15.092	252	39570	4.198	ng	# 93
89) Benzo(k)fluoranthene	15.092	252	39570	4.682	ng	# 92
90) Benzo(a)pyrene	15.463	252	17263	2.157	ng	# 93

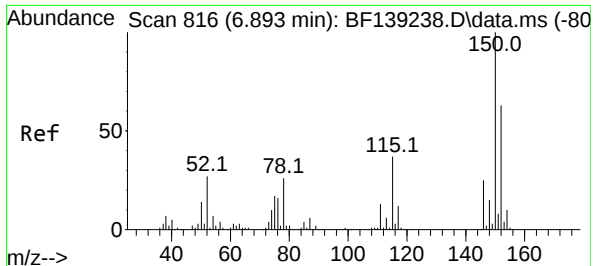
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
Data File : BF139302.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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Quant Time: Sep 10 17:17:16 2024
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QLast Update : Wed Sep 04 16:11:43 2024
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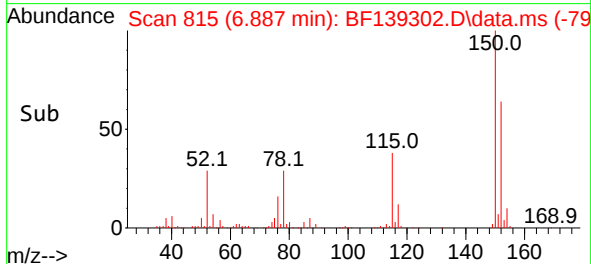
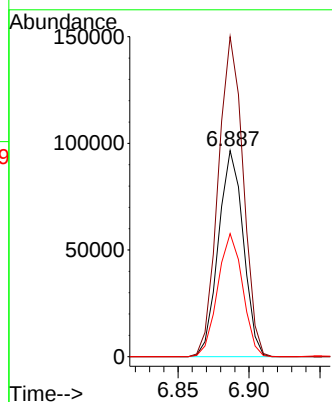
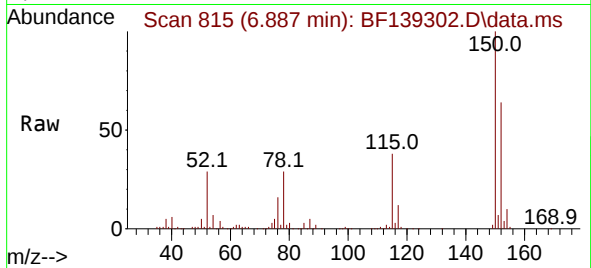




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

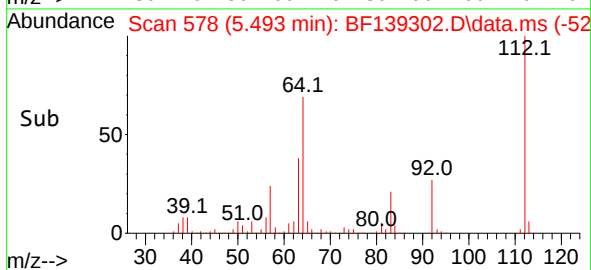
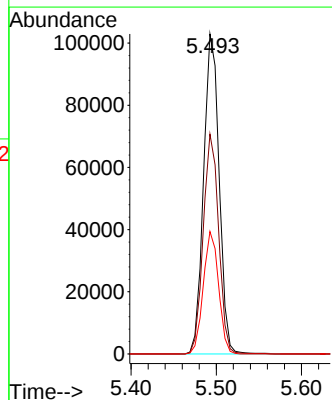
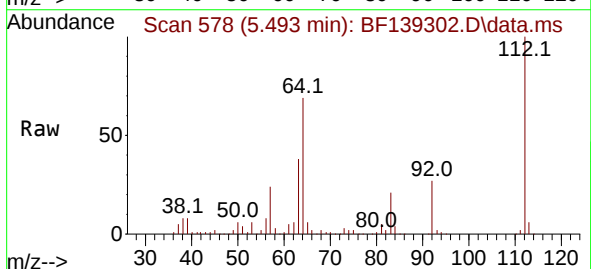
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01

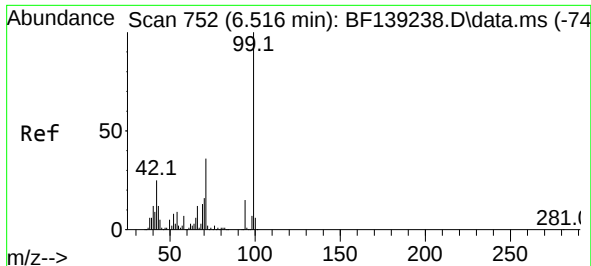
Tgt Ion:152 Resp: 117694
Ion Ratio Lower Upper
152 100
150 155.2 127.0 190.4
115 59.7 46.9 70.3



#5
2-Fluorophenol
Concen: 18.554 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.012 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

Tgt Ion:112 Resp: 130533
Ion Ratio Lower Upper
112 100
64 68.7 55.0 82.4
63 38.3 29.9 44.9

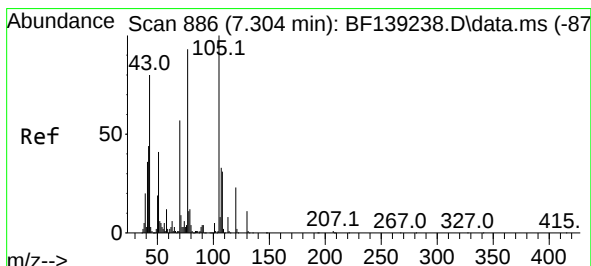
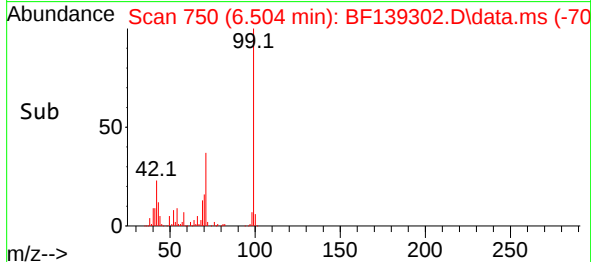
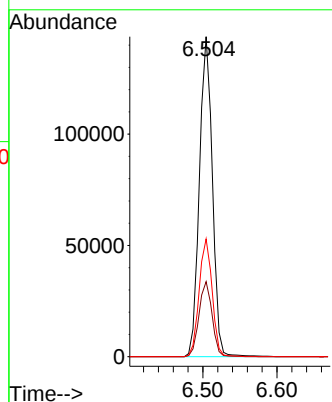
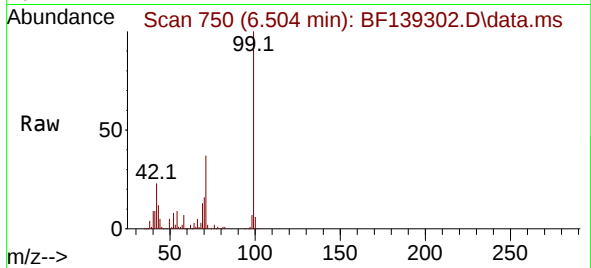




#7
Phenol-d6
Concen: 18.615 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

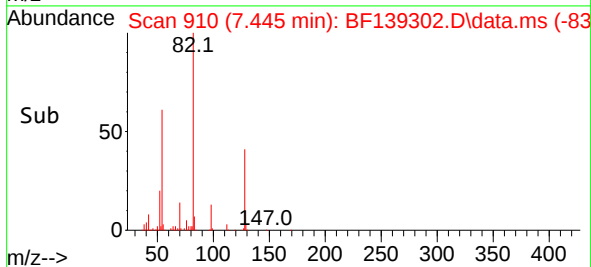
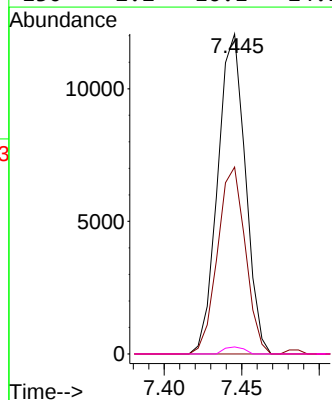
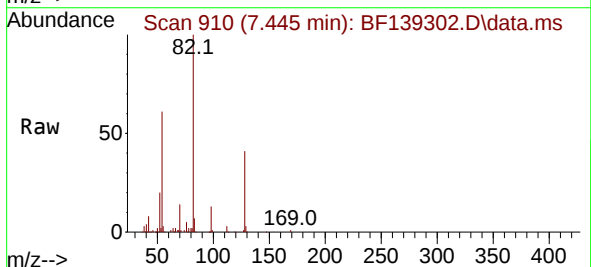
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01

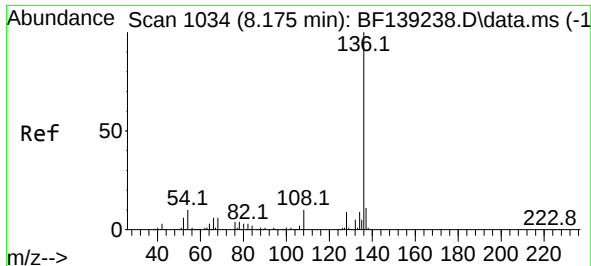
Tgt Ion: 99 Resp: 174839
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 36.8 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 2.764 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

Tgt Ion: 70 Resp: 14951
Ion Ratio Lower Upper
70 100
42 58.4 61.0 91.6#
101 0.0 7.2 10.8#
130 2.2 16.1 24.1#

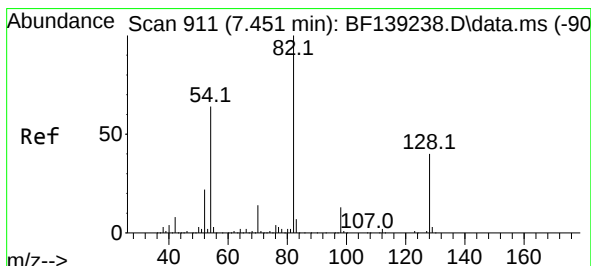
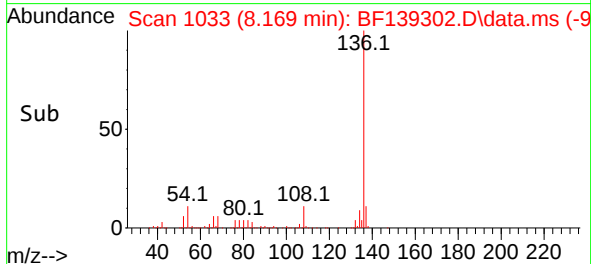
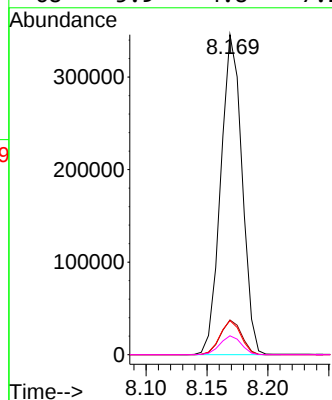
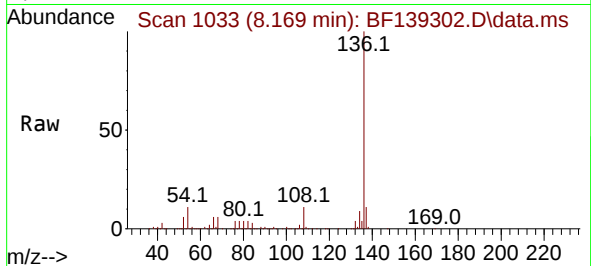




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

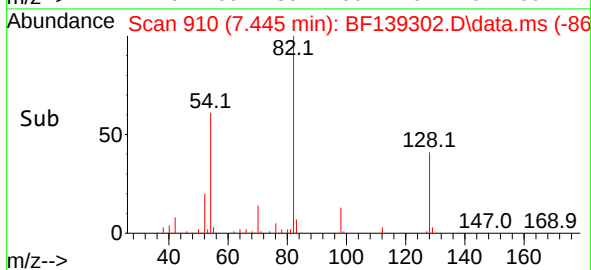
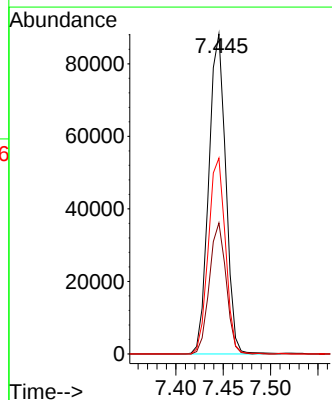
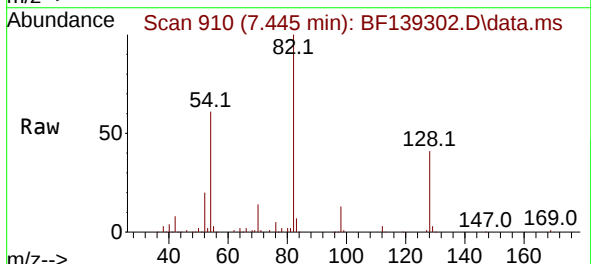
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01

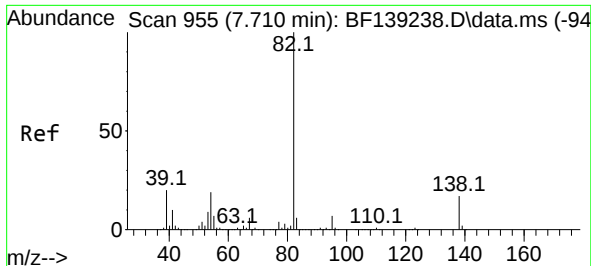
Tgt Ion:136 Resp: 421700
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.7 8.4 12.6
68 5.9 4.8 7.2



#23
Nitrobenzene-d5
Concen: 13.569 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

Tgt Ion: 82 Resp: 109989
Ion Ratio Lower Upper
82 100
128 41.0 32.3 48.5
54 61.2 51.2 76.8

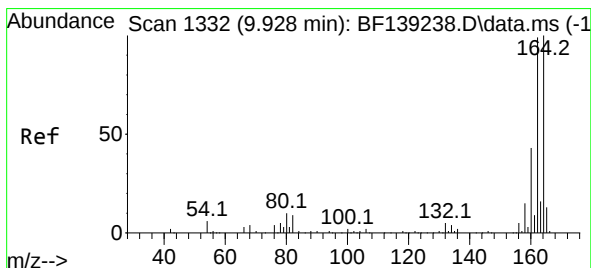
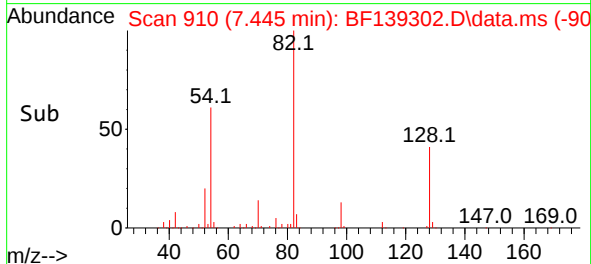
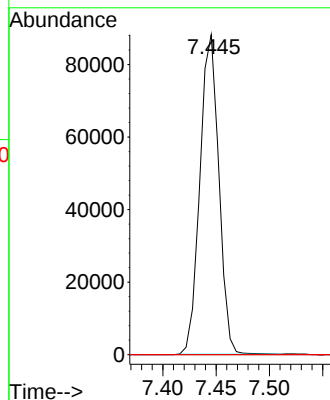
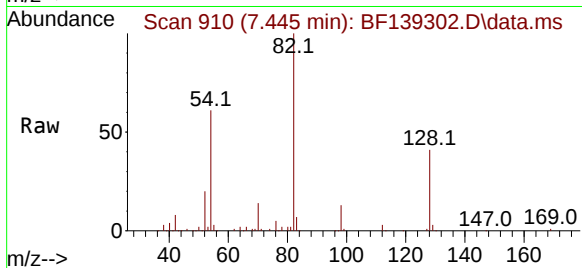




#25
Isophorone
Concen: 7.867 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

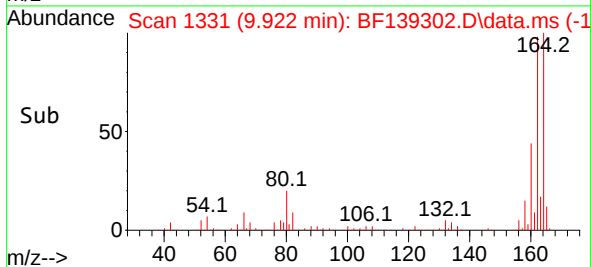
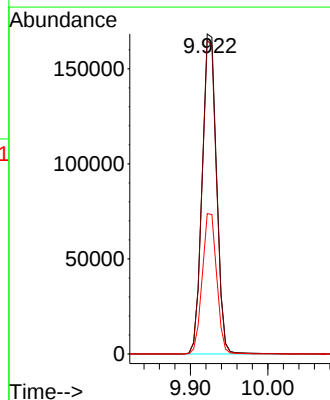
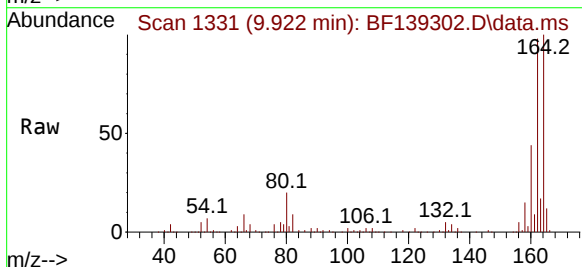
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01

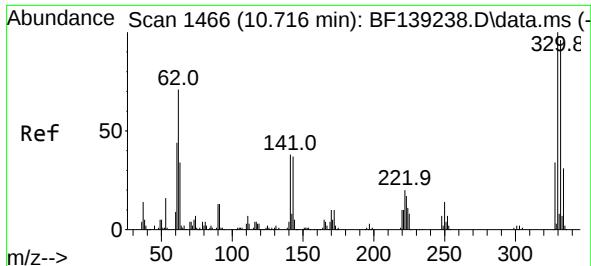
Tgt Ion: 82 Resp: 109022
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

Tgt Ion: 164 Resp: 217565
Ion Ratio Lower Upper
164 100
162 98.0 79.2 118.8
160 43.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 17.038 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139302.D

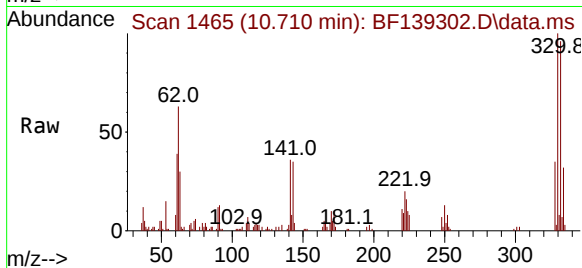
Acq: 10 Sep 2024 16:28

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-01



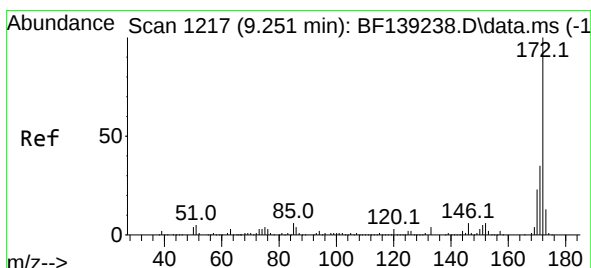
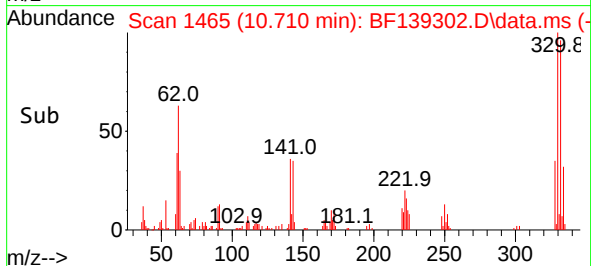
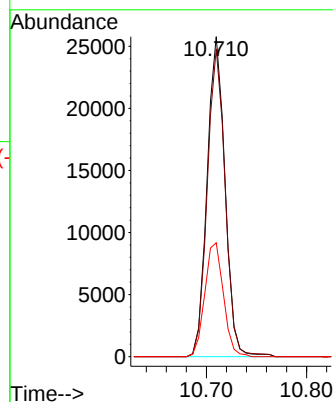
Tgt Ion:330 Resp: 32010

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

141 37.1 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 15.298 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139302.D

Acq: 10 Sep 2024 16:28

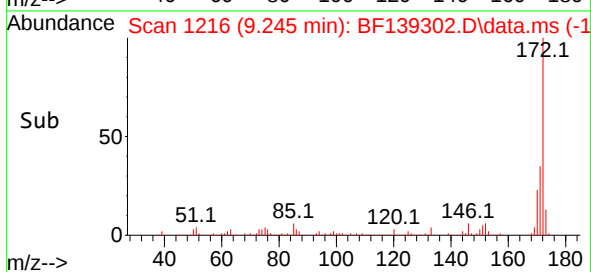
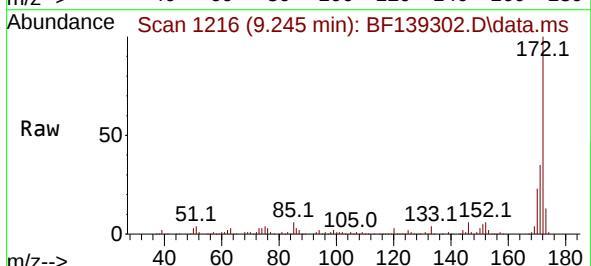
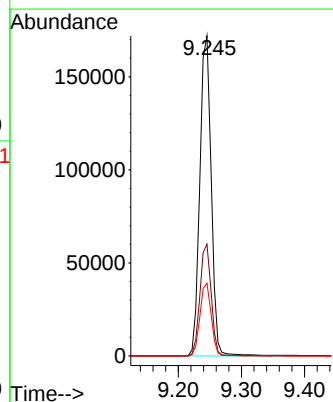
Tgt Ion:172 Resp: 215613

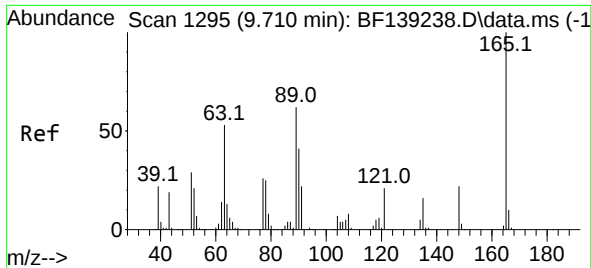
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 22.7 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.974 ng

RT: 9.922 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139302.D

Acq: 10 Sep 2024 16:28

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-01

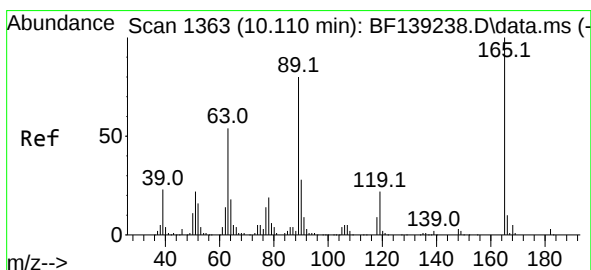
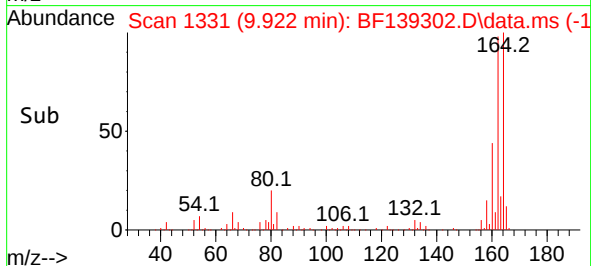
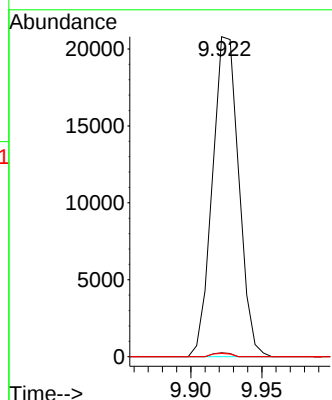
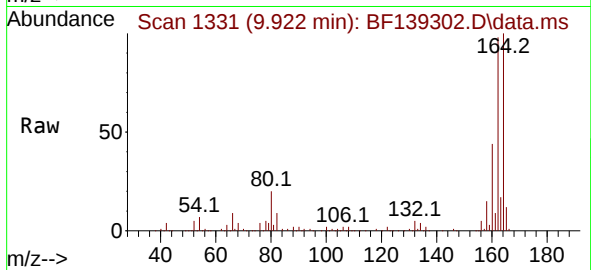
Tgt Ion:165 Resp: 26846

Ion Ratio Lower Upper

165 100

63 1.2 56.1 84.1#

89 1.0 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 7.051 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.188 min

Lab File: BF139302.D

Acq: 10 Sep 2024 16:28

Tgt Ion:165 Resp: 26846

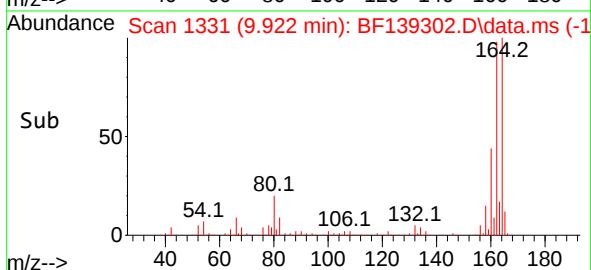
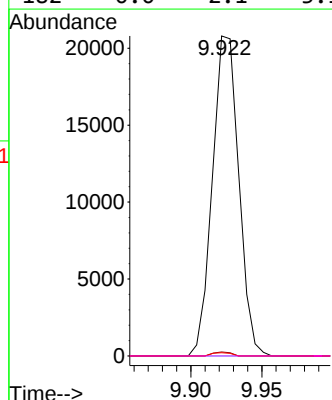
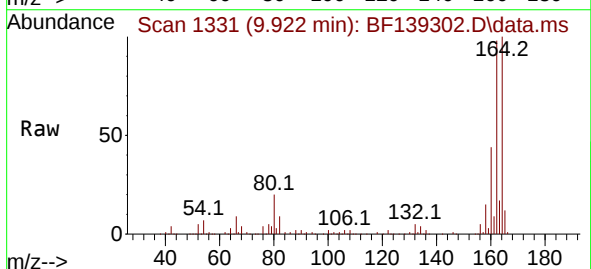
Ion Ratio Lower Upper

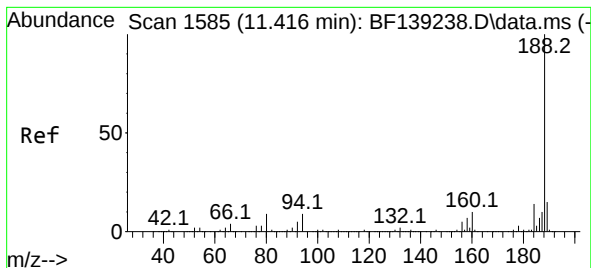
165 100

63 1.2 43.4 65.0#

89 1.0 64.2 96.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139302.D

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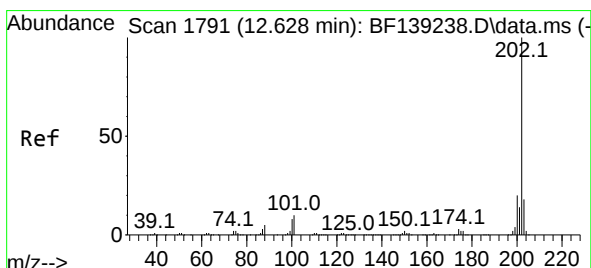
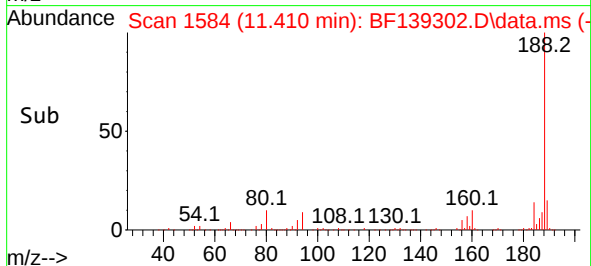
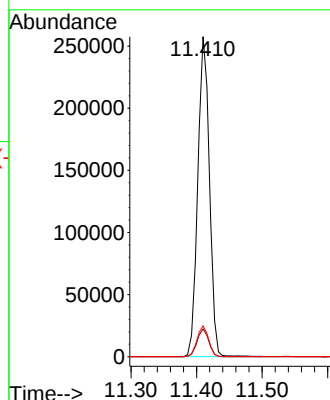
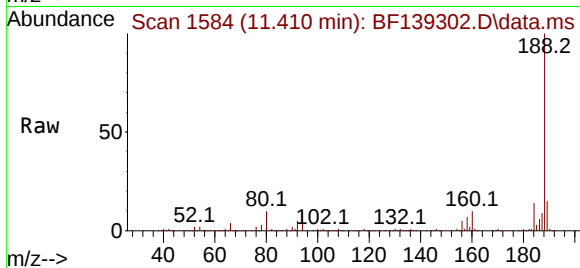
Tgt Ion:188 Resp: 318607

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

80 9.6 7.3 10.9



#75

Fluoranthene

Concen: 3.103 ng

RT: 12.622 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BF139302.D

Acq: 10 Sep 2024 16:28

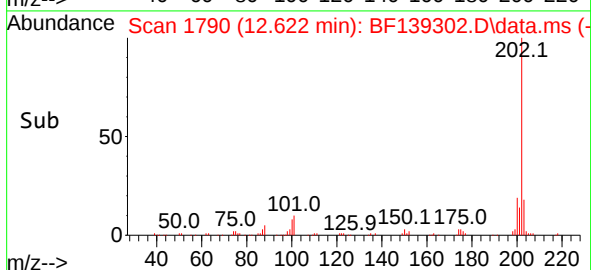
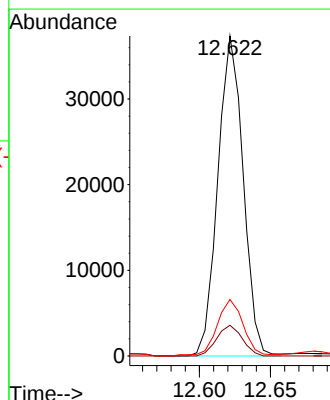
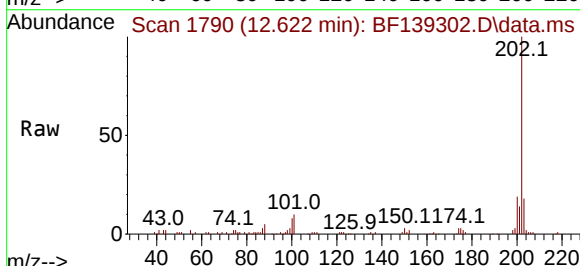
Tgt Ion:202 Resp: 46295

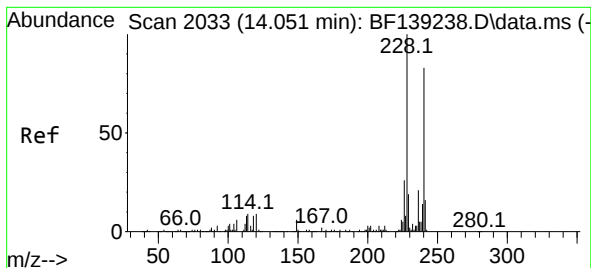
Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.9

203 17.6 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF139302.D

Acq: 10 Sep 2024 16:28

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-01

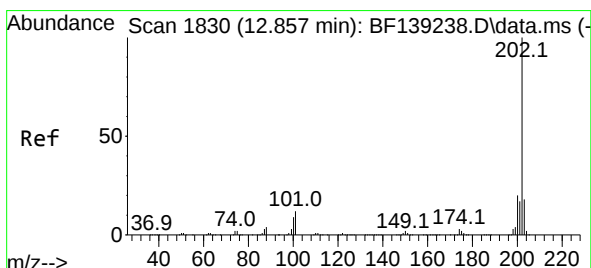
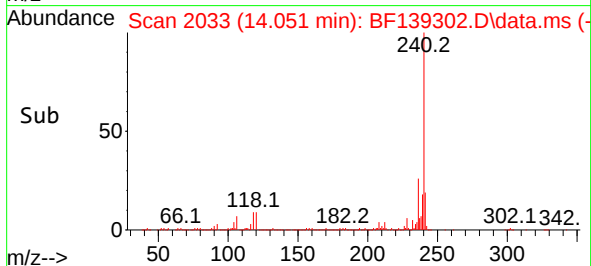
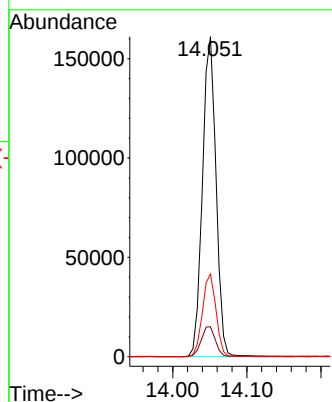
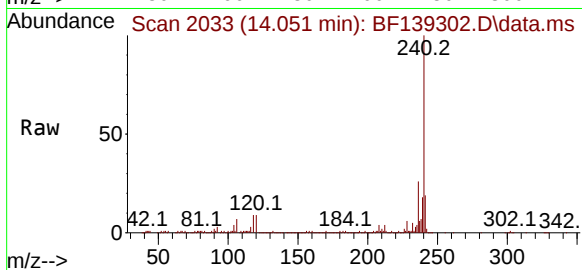
Tgt Ion:240 Resp: 205929

Ion Ratio Lower Upper

240 100

120 9.3 8.6 12.8

236 25.8 20.7 31.1



#78

Pyrene

Concen: 2.098 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF139302.D

Acq: 10 Sep 2024 16:28

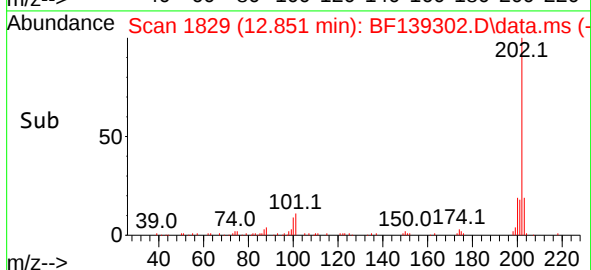
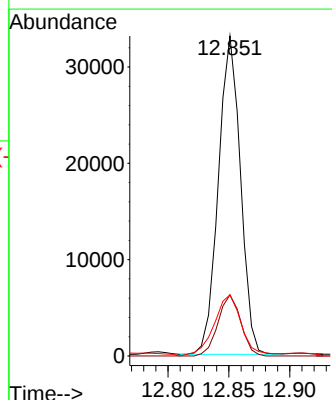
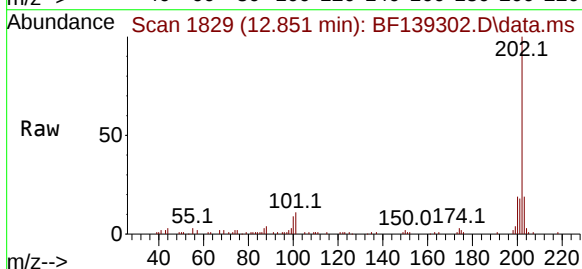
Tgt Ion:202 Resp: 41741

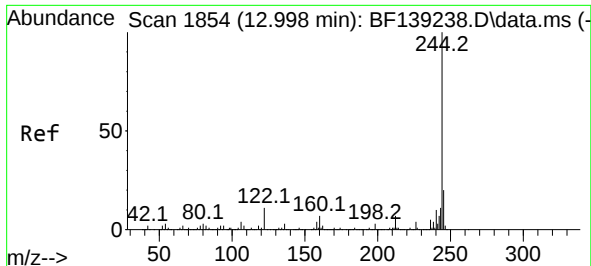
Ion Ratio Lower Upper

202 100

200 19.1 15.8 23.8

203 19.1 14.1 21.1

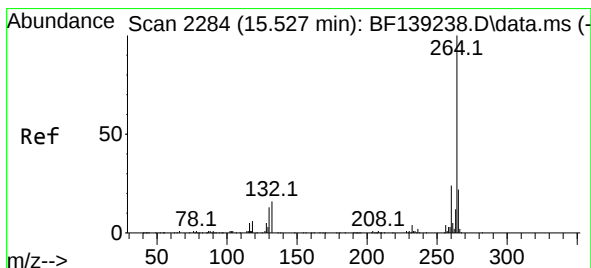
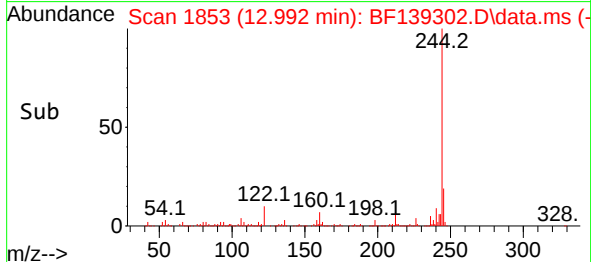
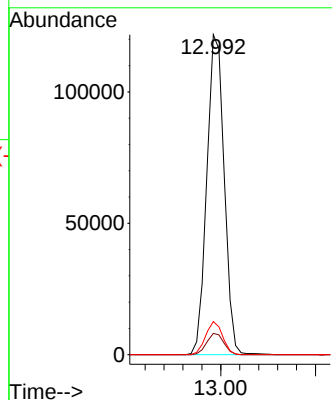
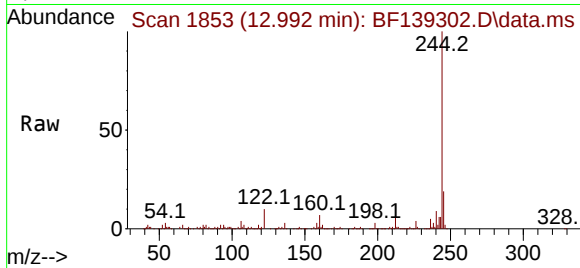




#79
 Terphenyl-d14
 Concen: 12.143 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139302.D
 Acq: 10 Sep 2024 16:28

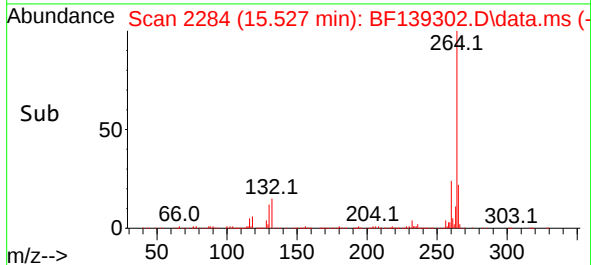
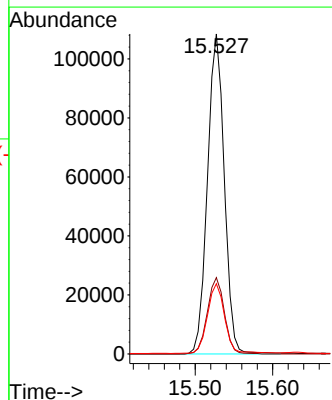
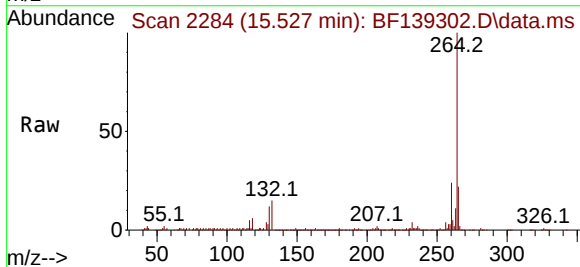
Instrument :
 BNA_F
 ClientSampleId :
 SU-701-COMP-01

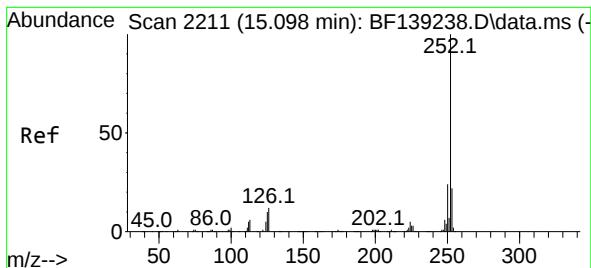
Tgt Ion:244 Resp: 154881
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 10.4 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: BF139302.D
 Acq: 10 Sep 2024 16:28

Tgt Ion:264 Resp: 163660
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.9 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 4.198 ng

RT: 15.092 min Scan# 2210

Delta R.T. -0.006 min

Lab File: BF139302.D

Acq: 10 Sep 2024 16:28

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-01

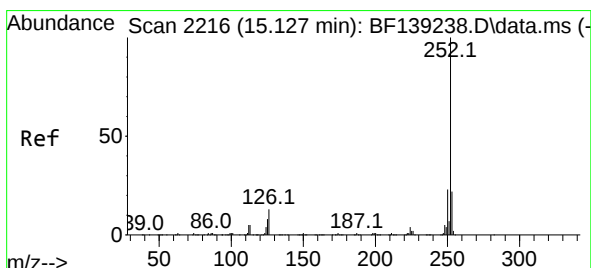
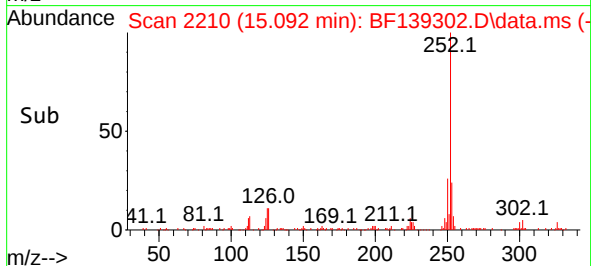
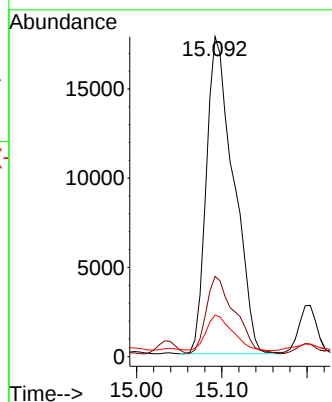
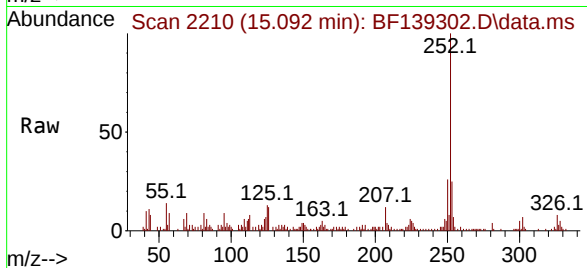
Tgt Ion:252 Resp: 39570

Ion Ratio Lower Upper

252 100

253 25.1 17.6 26.4

125 13.0 7.6 11.4#



#89

Benzo(k)fluoranthene

Concen: 4.682 ng

RT: 15.092 min Scan# 2210

Delta R.T. -0.035 min

Lab File: BF139302.D

Acq: 10 Sep 2024 16:28

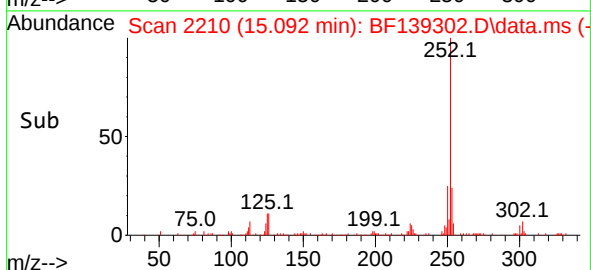
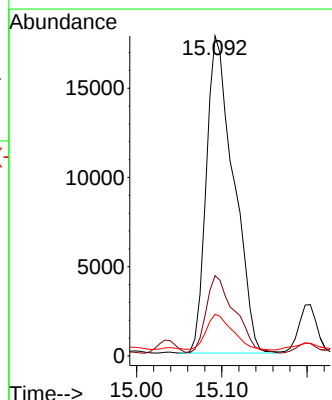
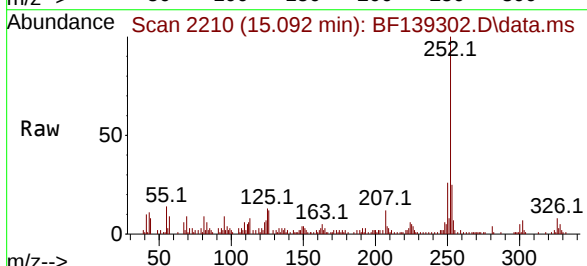
Tgt Ion:252 Resp: 39570

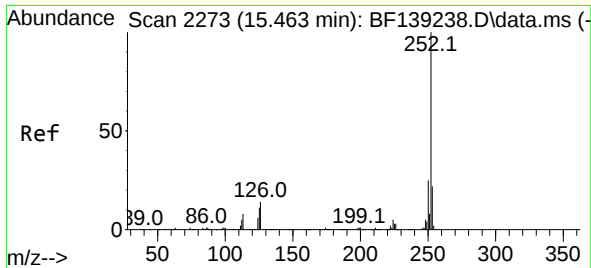
Ion Ratio Lower Upper

252 100

253 25.1 17.6 26.4

125 13.0 7.2 10.8#





#90

Benzo(a)pyrene

Concen: 2.157 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139302.D

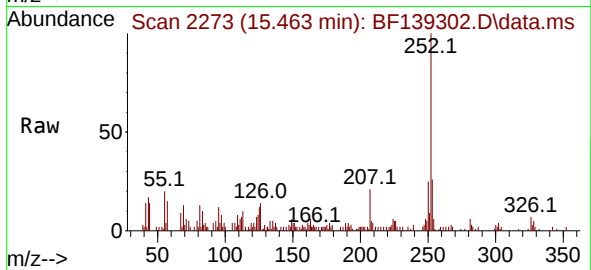
Acq: 10 Sep 2024 16:28

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-01



Tgt Ion:252 Resp: 17263

Ion Ratio Lower Upper

252 100

253 26.4 17.5 26.3#

125 11.8 8.6 13.0

