

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139151.D
 Acq On : 23 Aug 2024 17:13
 Operator : RC/JU
 Sample : P3707-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

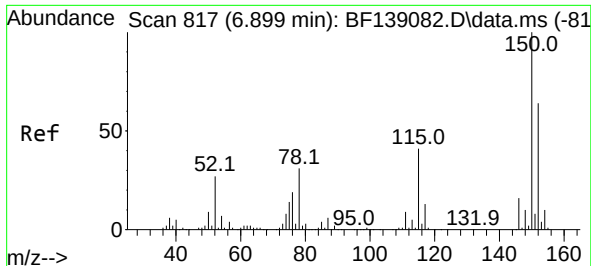
Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024

Quant Time: Aug 23 17:49:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	82547	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	309312	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	173273	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	267421	20.000	ng	0.00
76) Chrysene-d12	14.051	240	165708	20.000	ng	0.00
86) Perylene-d12	15.533	264	196434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	445555	83.043	ng	0.00
7) Phenol-d6	6.516	99	605532	87.344	ng	0.00
23) Nitrobenzene-d5	7.457	82	433564	81.677	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	128966	82.216	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	570962	52.281	ng	0.00
79) Terphenyl-d14	13.004	244	351863	35.233	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	60004	13.180	ng	# 78
25) Isophorone	7.457	82	433482	38.421	ng	# 69
48) 2-Nitroaniline	9.251	65	1117	6.014	ng	# 1
51) 2,6-Dinitrotoluene	9.934	165	21974	13.794	ng	# 17
53) 3-Nitroaniline	10.028	138	283	4.294	ng	# 1
57) 2,4-Dinitrotoluene	9.934	165	21974	12.770	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.716	198	270	6.776	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	8837	3.119	ng	# 1
92) Benzo(g,h,i)perylene	17.451	276	2831	3.042	ng	96

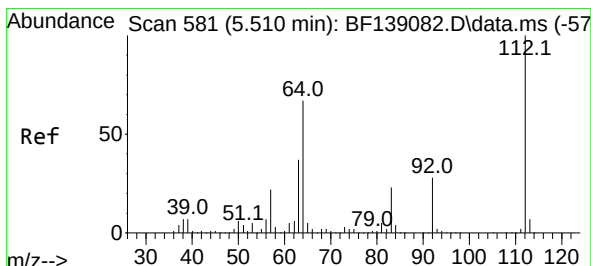
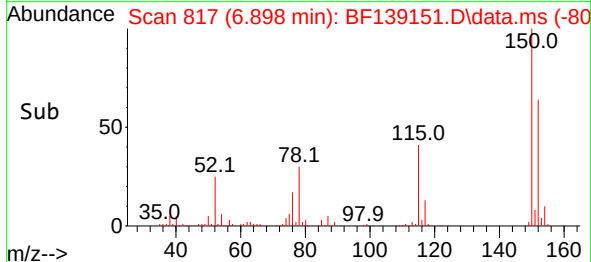
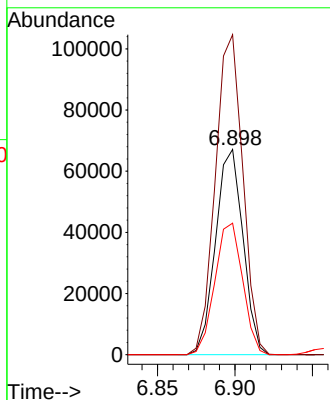
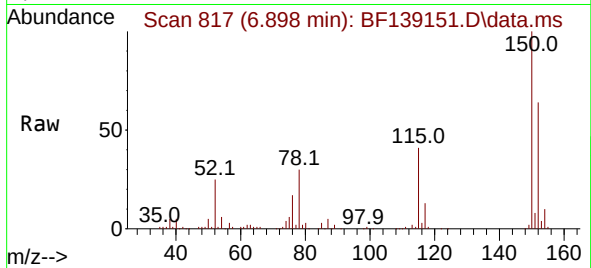
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139151.D
Acq: 23 Aug 2024 17:13

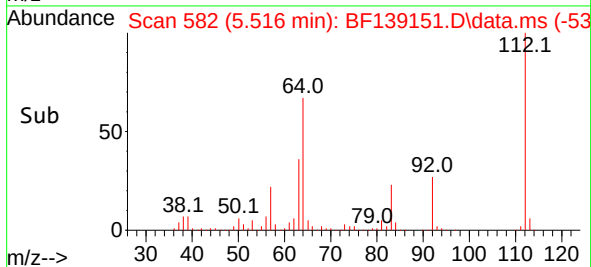
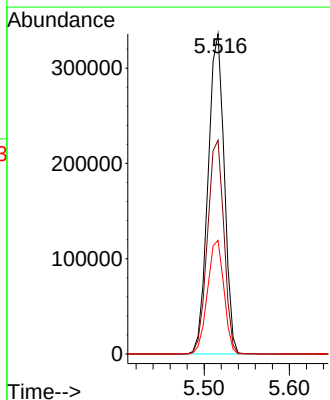
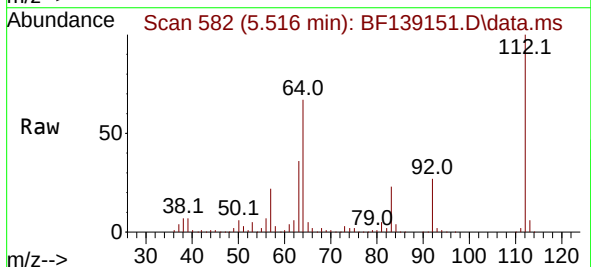
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024

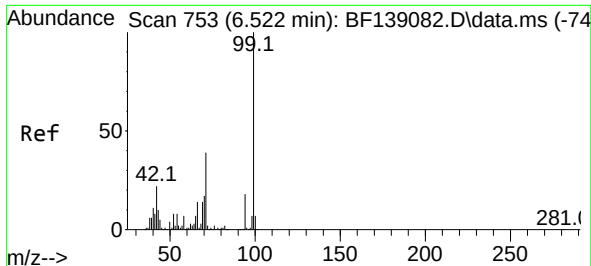
Tgt Ion:152 Resp: 82547
Ion Ratio Lower Upper
152 100
150 155.9 125.1 187.7
115 64.1 51.8 77.6



#5
2-Fluorophenol
Concen: 83.043 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF139151.D
Acq: 23 Aug 2024 17:13

Tgt Ion:112 Resp: 445555
Ion Ratio Lower Upper
112 100
64 66.7 53.8 80.6
63 35.5 29.4 44.2

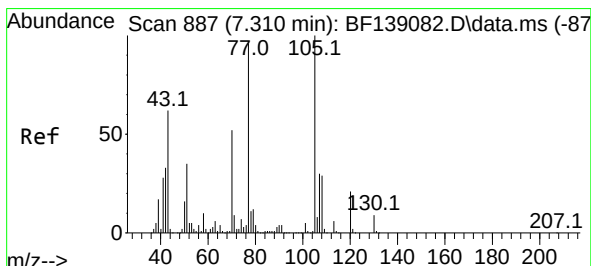
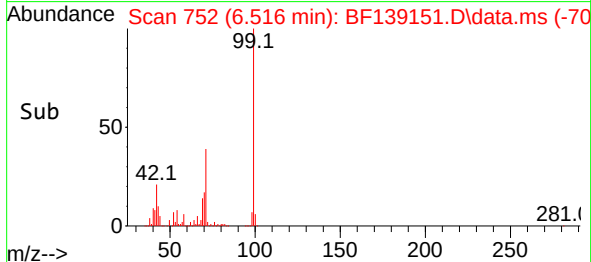
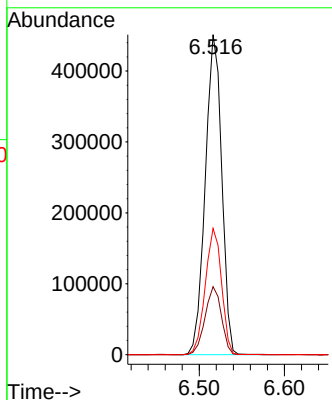
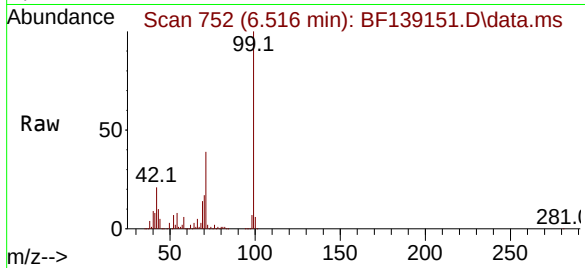




#7
Phenol-d6
Concen: 87.344 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139151.D
Acq: 23 Aug 2024 17:13

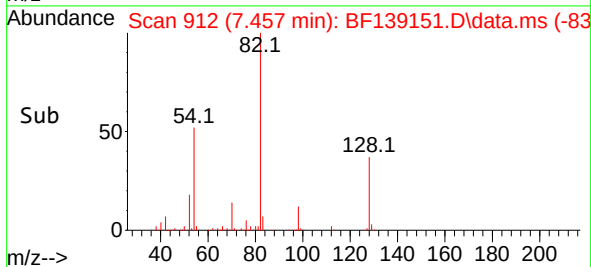
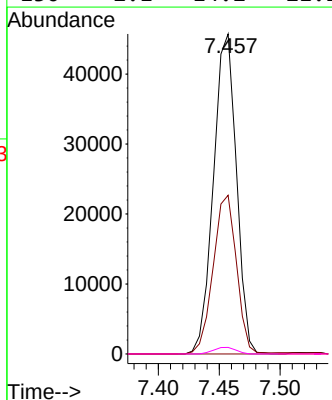
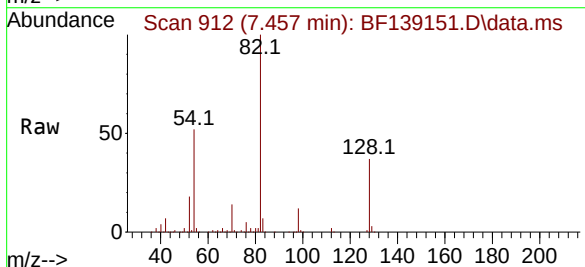
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024

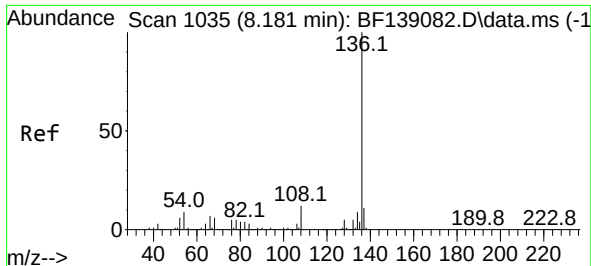
Tgt Ion: 99 Resp: 605532
Ion Ratio Lower Upper
99 100
42 21.2 17.4 26.2
71 39.4 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.180 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF139151.D
Acq: 23 Aug 2024 17:13

Tgt Ion: 70 Resp: 60004
Ion Ratio Lower Upper
70 100
42 49.6 50.5 75.7#
101 0.0 7.2 10.8#
130 2.1 14.2 21.2#

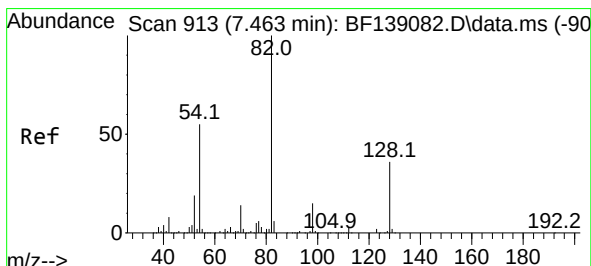
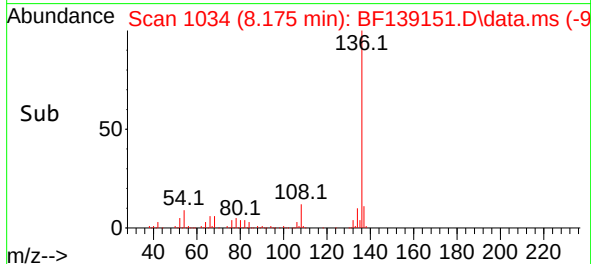
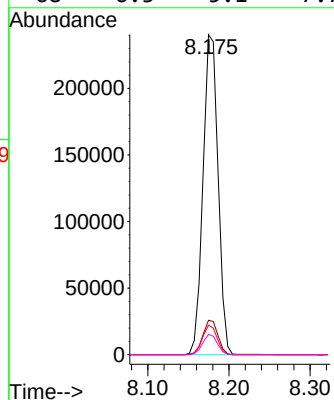
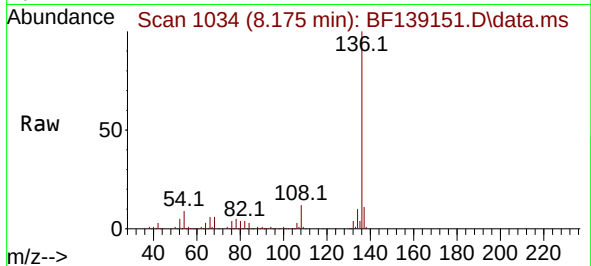




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139151.D
Acq: 23 Aug 2024 17:13

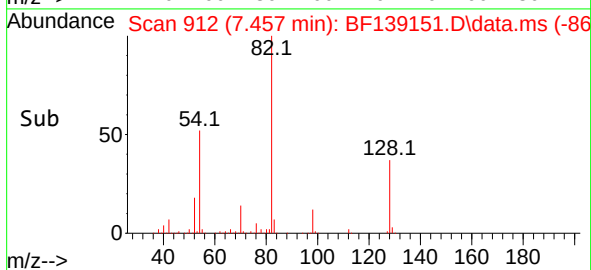
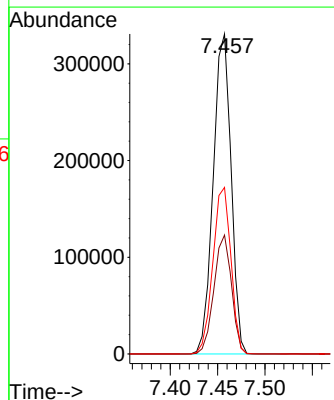
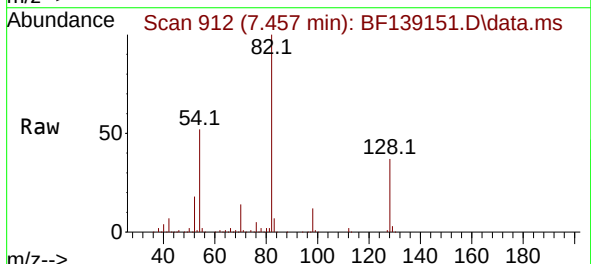
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024

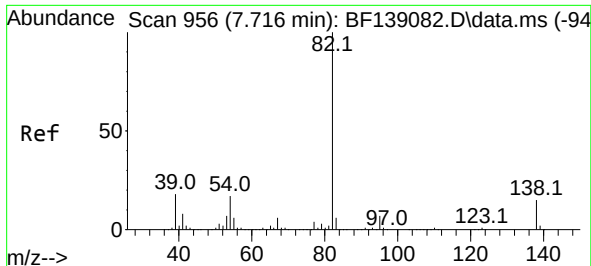
Tgt Ion:	136	Resp:	309312
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.2	7.6	11.4
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 81.677 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF139151.D
Acq: 23 Aug 2024 17:13

Tgt Ion:	82	Resp:	433564
Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.0	43.4
54	52.1	43.4	65.2

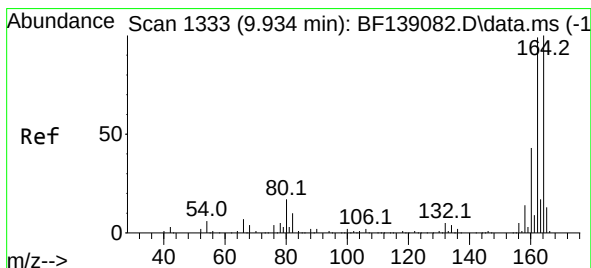
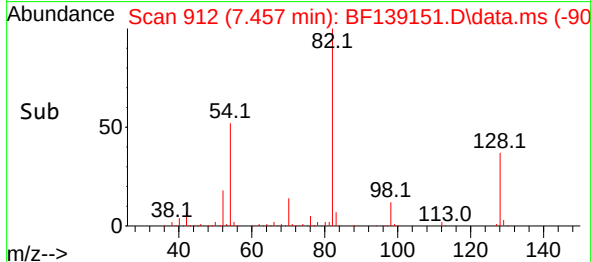
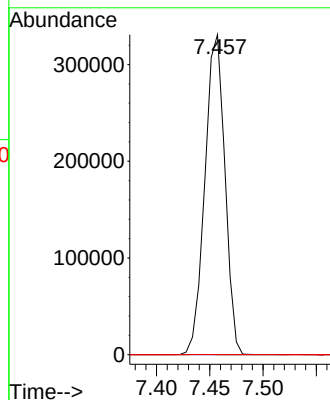
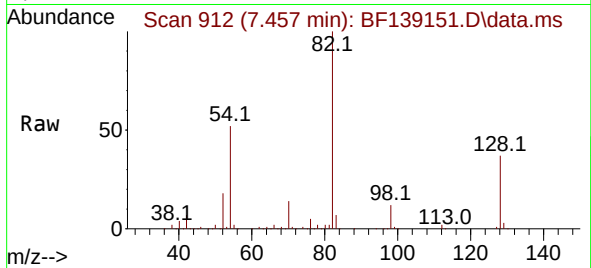




#25
Isophorone
Concen: 38.421 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF139151.D
Acq: 23 Aug 2024 17:13

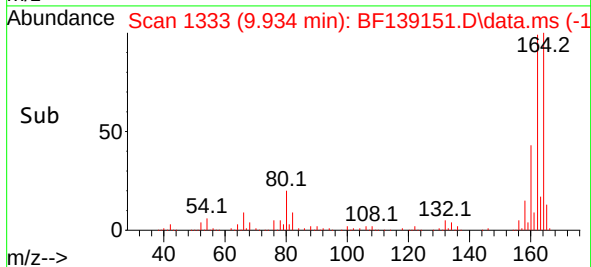
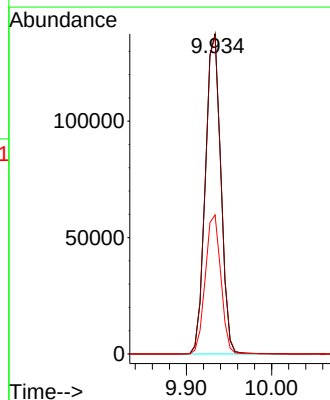
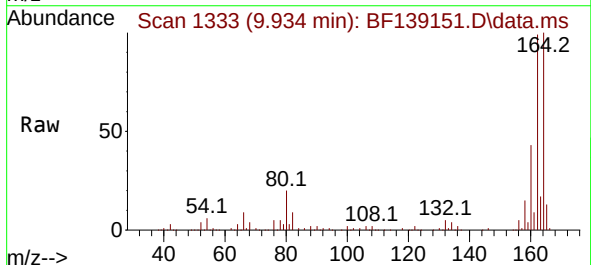
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024

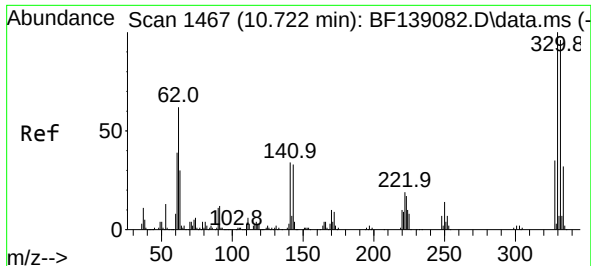
Tgt Ion: 82 Resp: 433482
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF139151.D
Acq: 23 Aug 2024 17:13

Tgt Ion:164 Resp: 173273
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 43.4 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 82.216 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139151.D

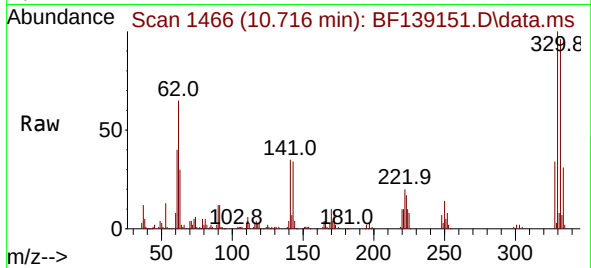
Acq: 23 Aug 2024 17:13

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024



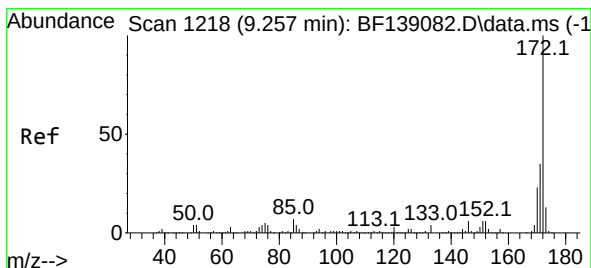
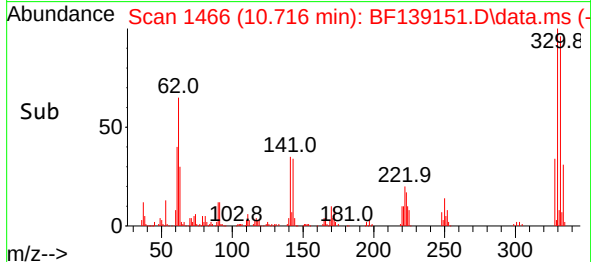
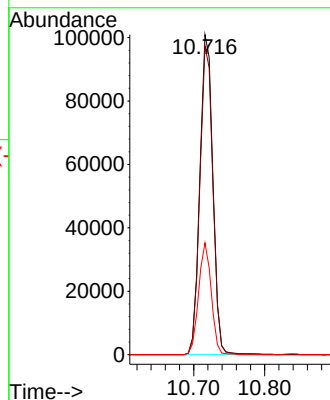
Tgt Ion:330 Resp: 128966

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

141 33.9 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 52.281 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF139151.D

Acq: 23 Aug 2024 17:13

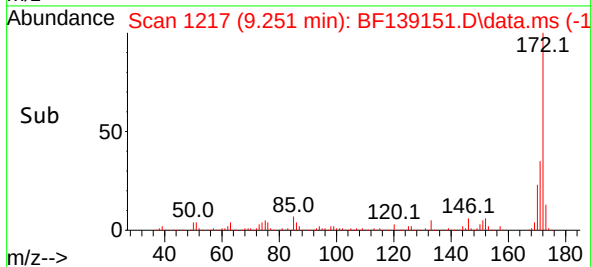
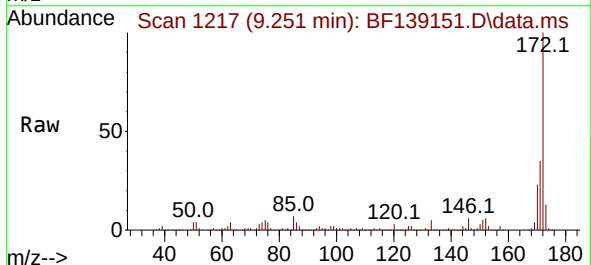
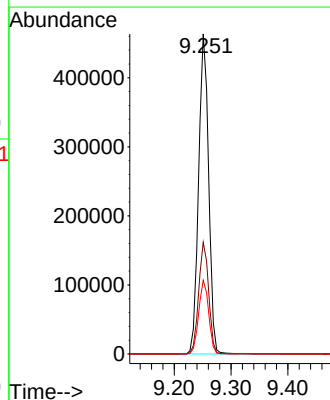
Tgt Ion:172 Resp: 570962

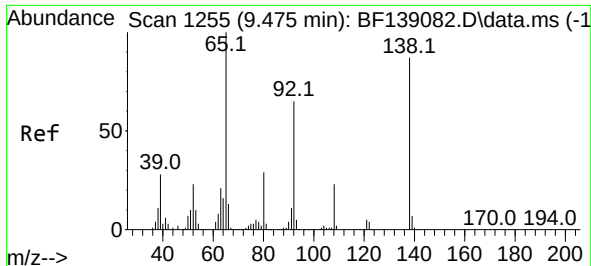
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.0 18.8 28.2

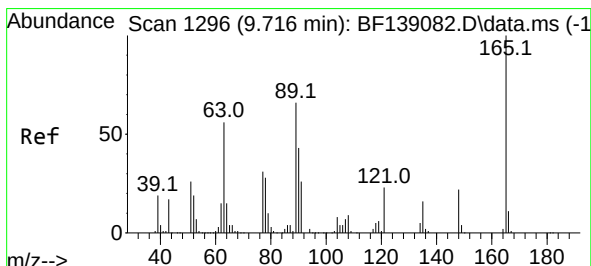
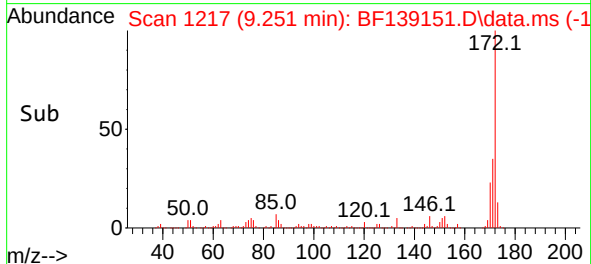
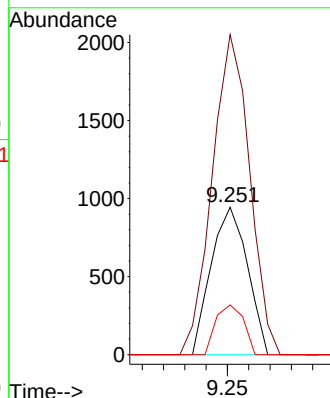
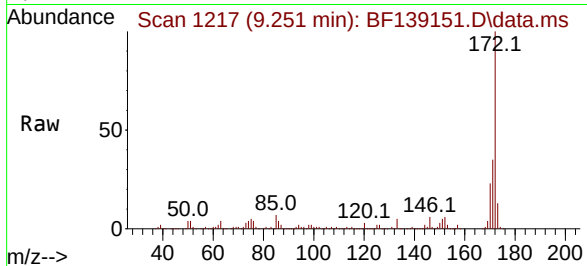




#48
2-Nitroaniline
Concen: 6.014 ng
RT: 9.251 min Scan# 1117
Delta R.T. -0.224 min
Lab File: BF139151.D
Acq: 23 Aug 2024 17:13

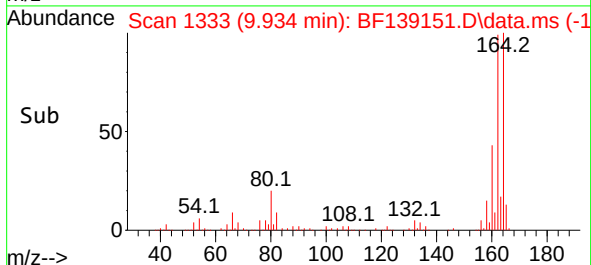
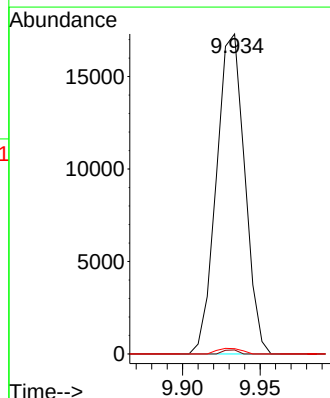
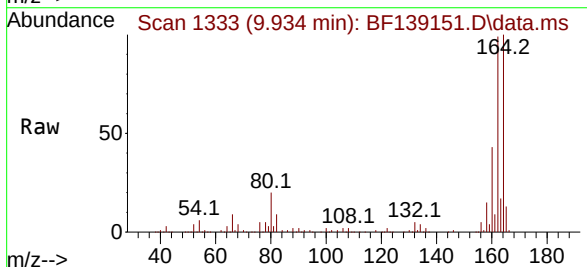
Instrument :
BNA_F
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S-929-K1-SO-0-0.5-082024

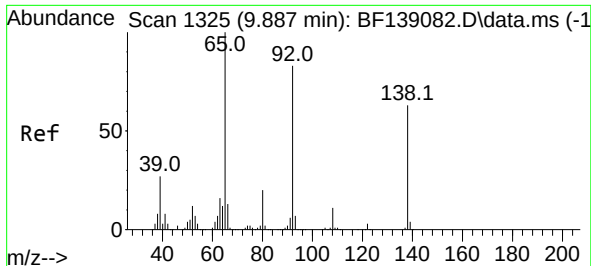
Tgt Ion: 65 Resp: 1117
Ion Ratio Lower Upper
65 100
92 217.2 52.4 78.6#
138 33.7 69.4 104.0#



#51
2,6-Dinitrotoluene
Concen: 13.794 ng
RT: 9.934 min Scan# 1333
Delta R.T. 0.218 min
Lab File: BF139151.D
Acq: 23 Aug 2024 17:13

Tgt Ion: 165 Resp: 21974
Ion Ratio Lower Upper
165 100
63 1.3 58.0 87.0#
89 1.6 53.3 79.9#

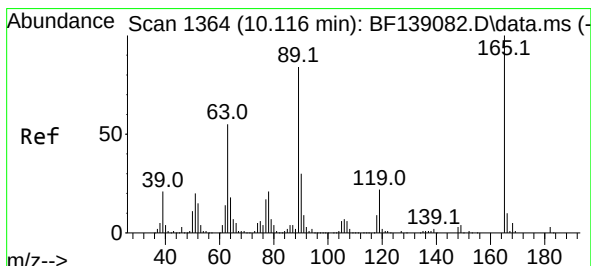
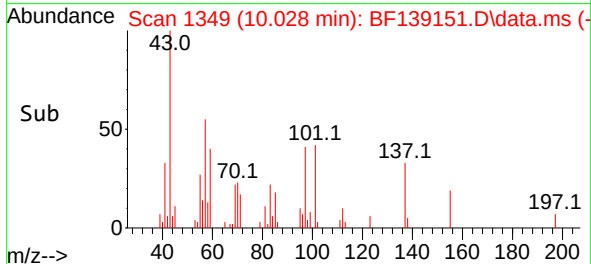
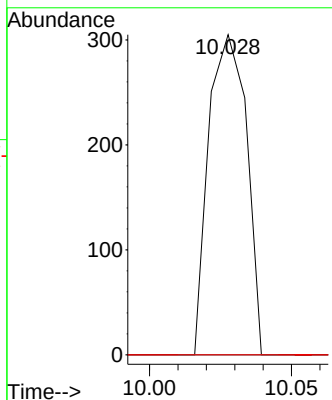
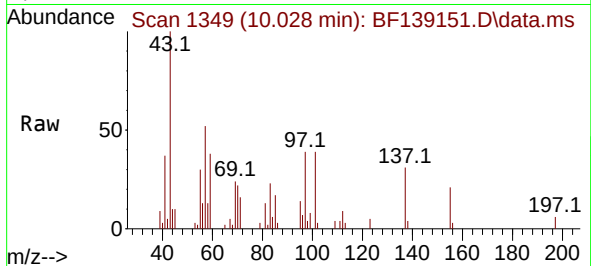




#53
3-Nitroaniline
Concen: 4.294 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.141 min
Lab File: BF139151.D
Acq: 23 Aug 2024 17:13

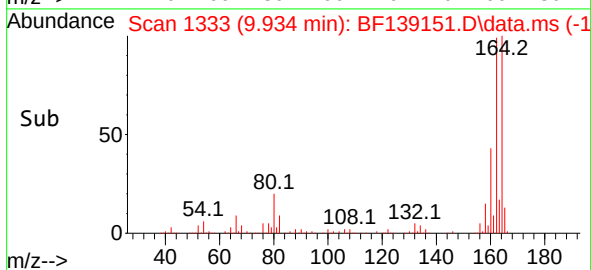
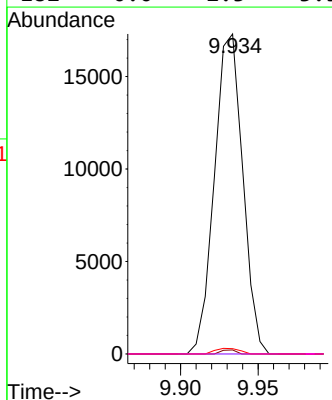
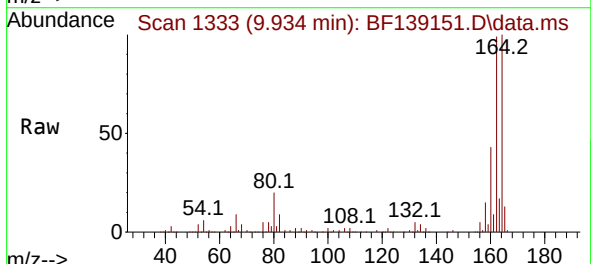
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024

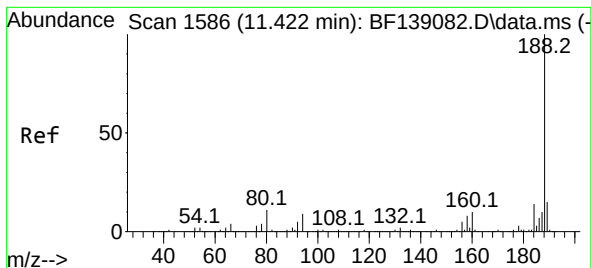
Tgt Ion:138 Resp: 283
Ion Ratio Lower Upper
138 100
108 0.0 14.6 21.8#
92 0.0 105.9 158.9#



#57
2,4-Dinitrotoluene
Concen: 12.770 ng
RT: 9.934 min Scan# 1333
Delta R.T. -0.182 min
Lab File: BF139151.D
Acq: 23 Aug 2024 17:13

Tgt Ion:165 Resp: 21974
Ion Ratio Lower Upper
165 100
63 1.3 44.2 66.4#
89 1.6 67.4 101.2#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139151.D

Acq: 23 Aug 2024 17:13

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024

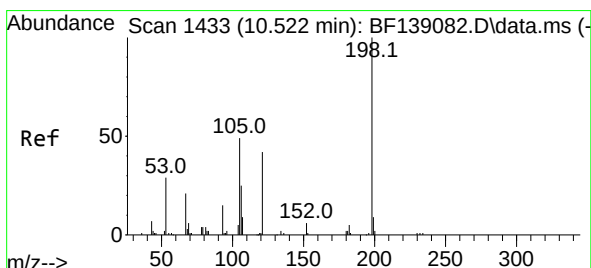
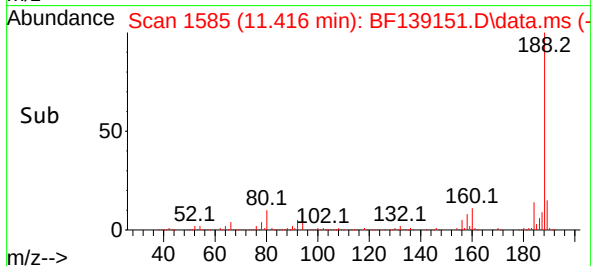
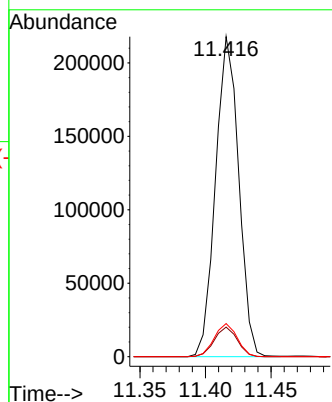
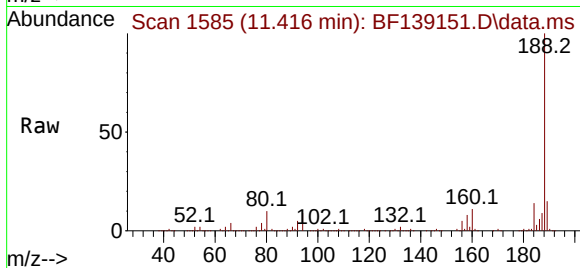
Tgt Ion:188 Resp: 267421

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 10.3 8.5 12.7



#65

4,6-Dinitro-2-methylphenol

Concen: 6.776 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF139151.D

Acq: 23 Aug 2024 17:13

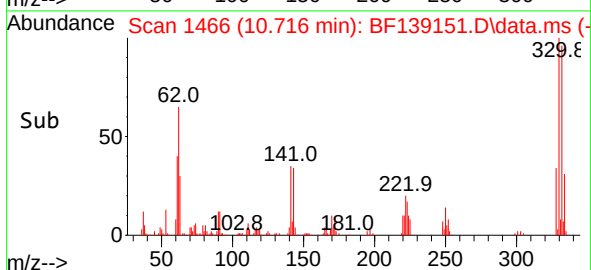
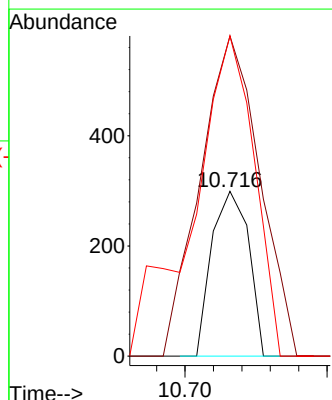
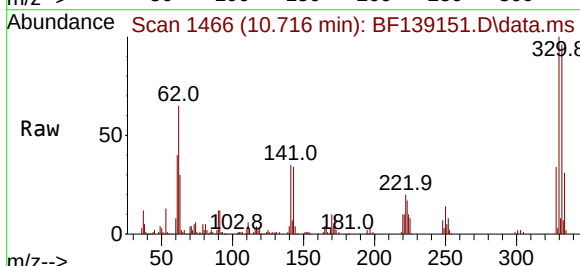
Tgt Ion:198 Resp: 270

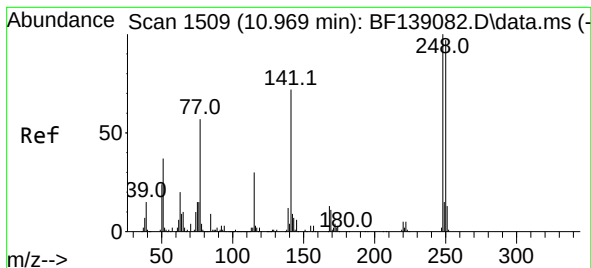
Ion Ratio Lower Upper

198 100

51 194.3 40.8 80.8#

105 194.3 30.9 70.9#





#67

4-Bromophenyl-phenylether

Concen: 3.119 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.253 min

Lab File: BF139151.D

Acq: 23 Aug 2024 17:13

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024

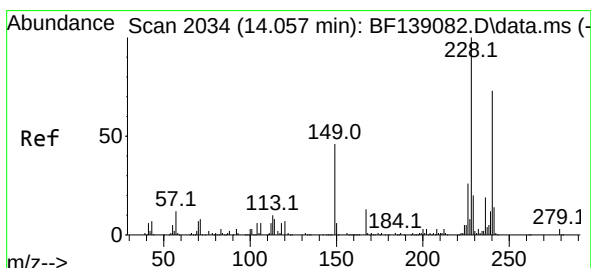
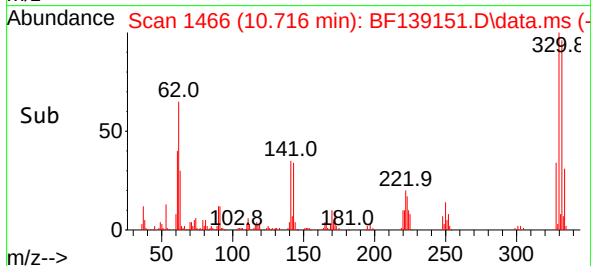
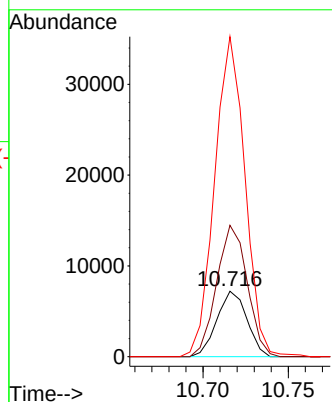
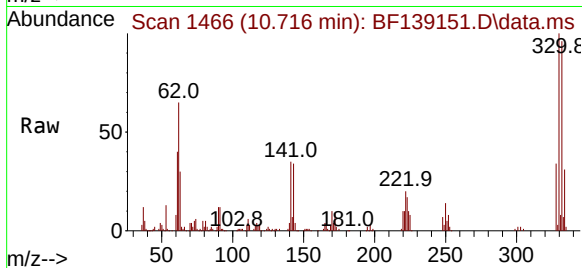
Tgt Ion:248 Resp: 8837

Ion Ratio Lower Upper

248 100

250 200.7 77.8 116.8#

141 488.5 57.9 86.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF139151.D

Acq: 23 Aug 2024 17:13

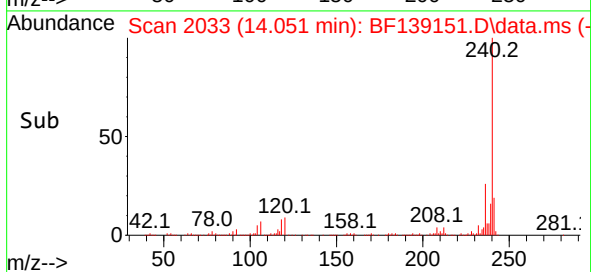
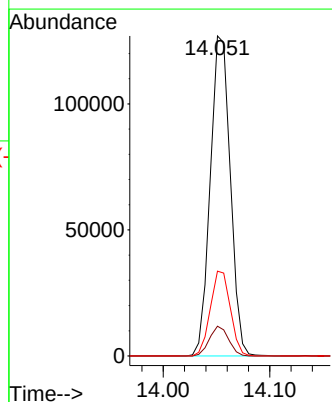
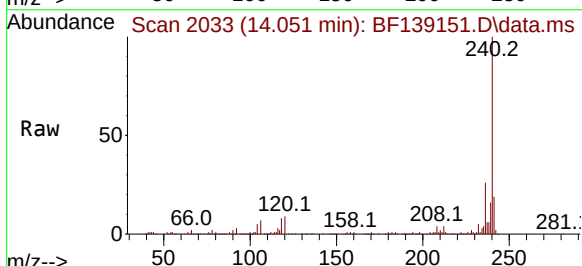
Tgt Ion:240 Resp: 165708

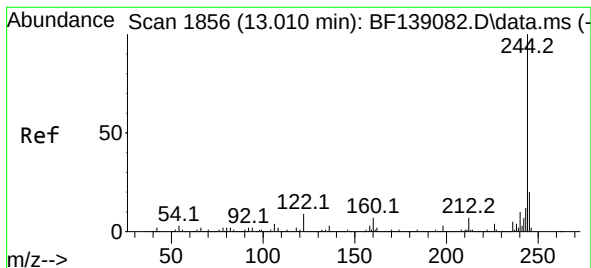
Ion Ratio Lower Upper

240 100

120 9.3 7.8 11.6

236 26.5 20.9 31.3





#79

Terphenyl-d14

Concen: 35.233 ng

RT: 13.004 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BF139151.D

Acq: 23 Aug 2024 17:13

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024

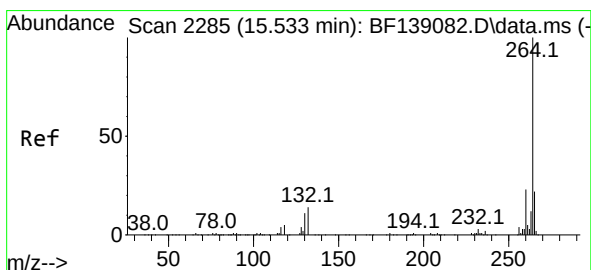
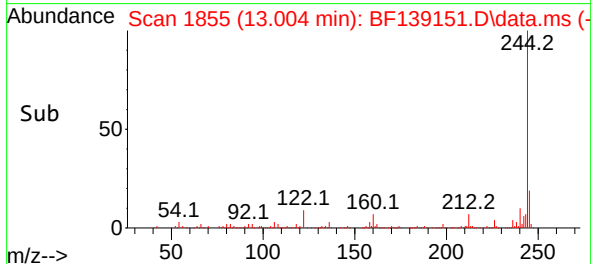
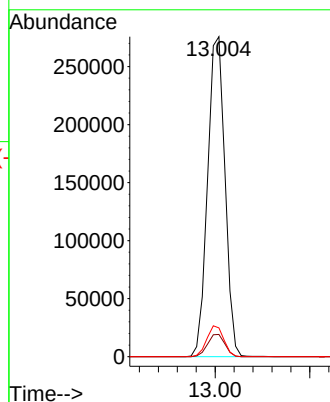
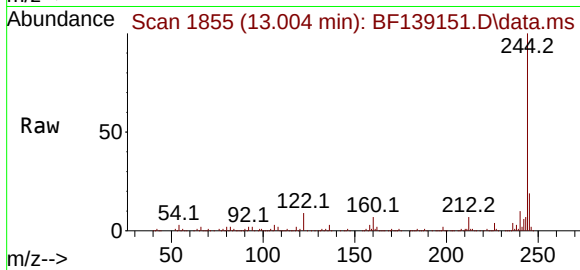
Tgt Ion:244 Resp: 351863

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.0 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.000 min

Lab File: BF139151.D

Acq: 23 Aug 2024 17:13

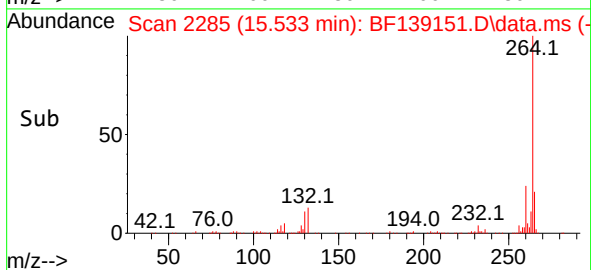
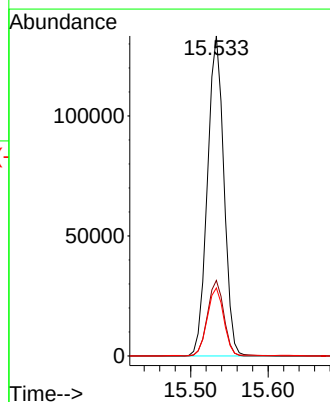
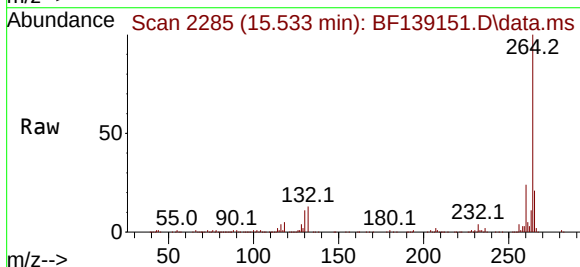
Tgt Ion:264 Resp: 196434

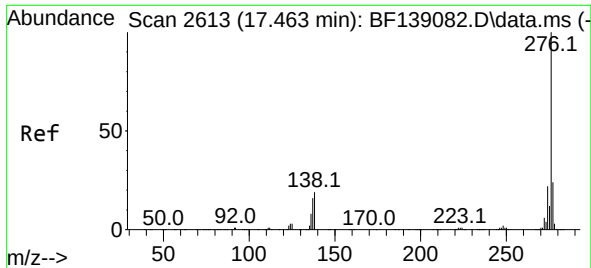
Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.3 17.4 26.2





#92

Benzo(g,h,i)perylene

Concen: 3.042 ng

RT: 17.451 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF139151.D

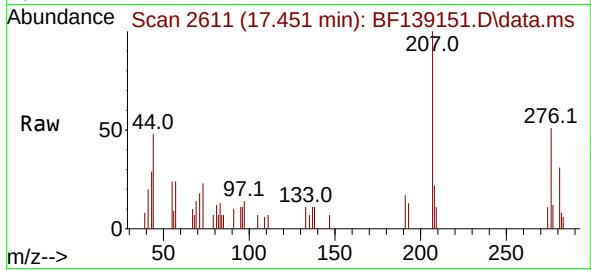
Acq: 23 Aug 2024 17:13

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024



Tgt Ion:276 Resp: 2831

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 21.8 15.0 22.4

