

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139154.D
 Acq On : 23 Aug 2024 18:44
 Operator : RC/JU
 Sample : P3707-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0.5-1-082024

Quant Time: Aug 23 23:21:40 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)

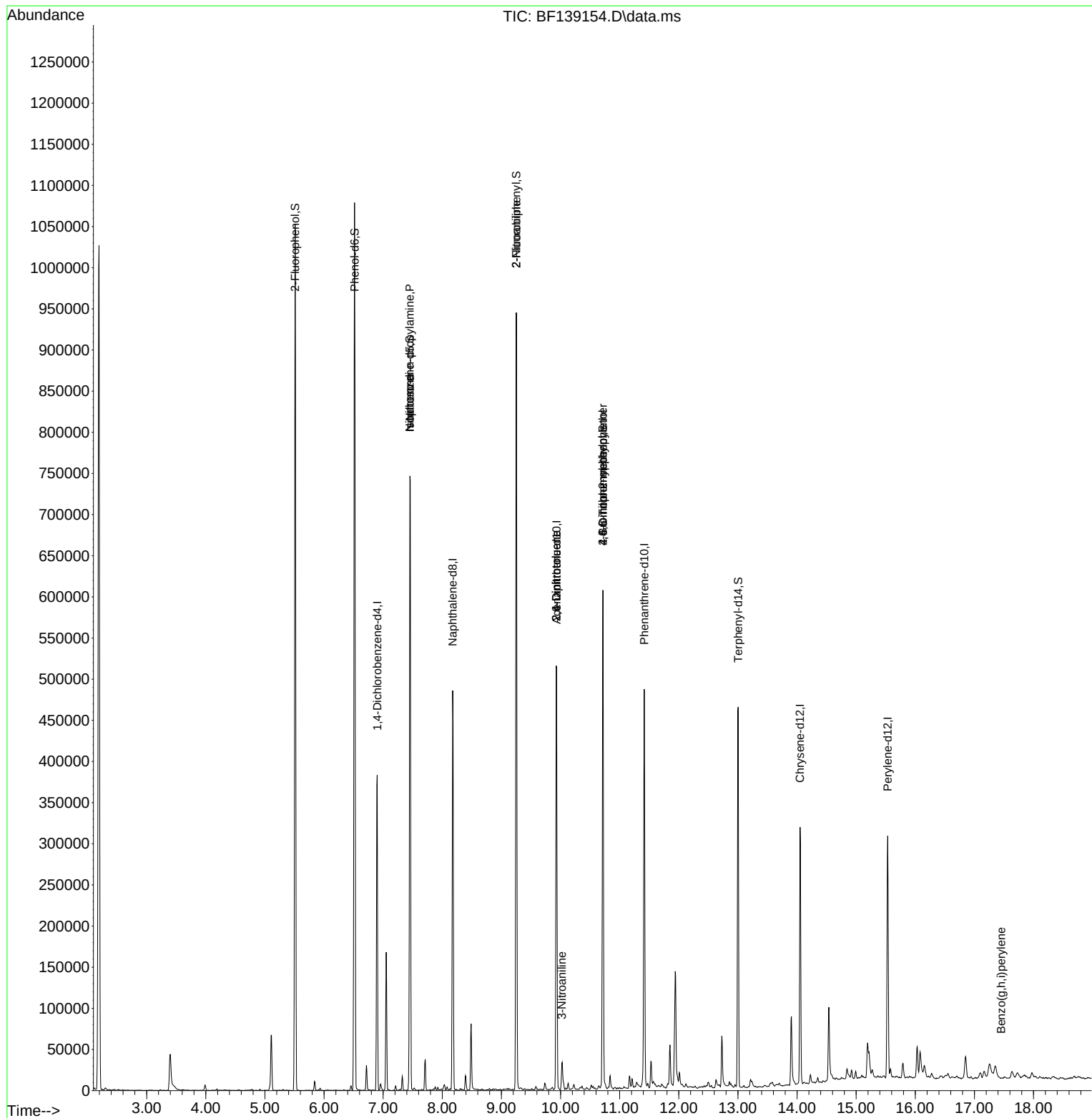
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	76047	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	281112	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	155587	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	237965	20.000	ng	0.00
76) Chrysene-d12	14.051	240	144760	20.000	ng	0.00
86) Perylene-d12	15.533	264	169005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	346107	70.021	ng	0.00
7) Phenol-d6	6.516	99	465269	72.848	ng	0.00
23) Nitrobenzene-d5	7.451	82	336924	69.839	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	90245	64.071	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	385230	39.284	ng	0.00
79) Terphenyl-d14	13.004	244	226152	25.922	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	46325	11.045	ng	# 79
25) Isophorone	7.451	82	336920	32.858	ng	# 69
48) 2-Nitroaniline	9.251	65	774	5.932	ng	# 1
51) 2,6-Dinitrotoluene	9.928	165	19826	13.839	ng	# 17
53) 3-Nitroaniline	10.022	138	207	4.272	ng	# 1
57) 2,4-Dinitrotoluene	9.928	165	19826	12.805	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.716	198	134	6.643	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	6279	2.490	ng	# 1
92) Benzo(g,h,i)perylene	17.451	276	662	2.862	ng	# 55

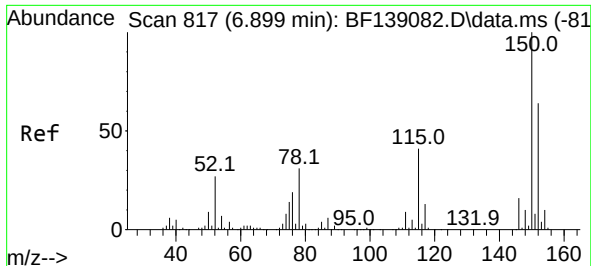
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139154.D
Acq On : 23 Aug 2024 18:44
Operator : RC/JU
Sample : P3707-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0.5-1-082024

Quant Time: Aug 23 23:21:40 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

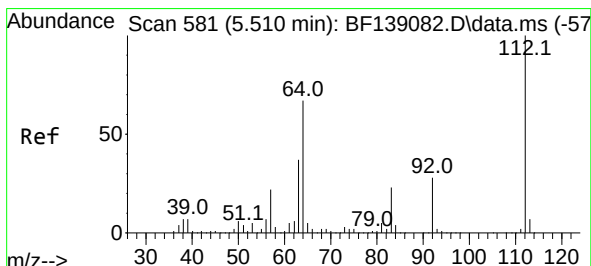
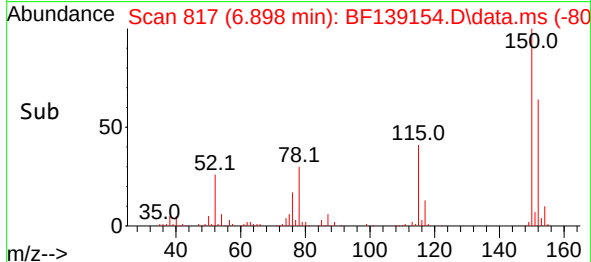
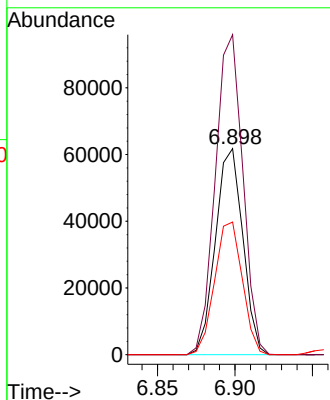
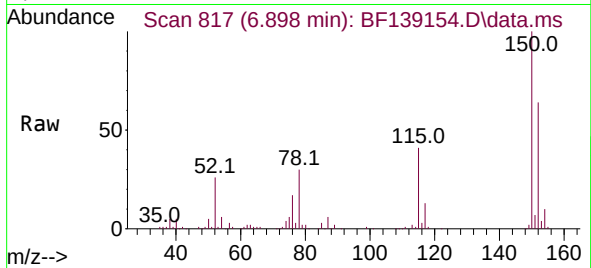




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF139154.D
Acq: 23 Aug 2024 18:44

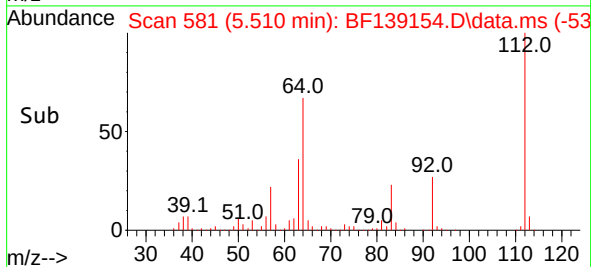
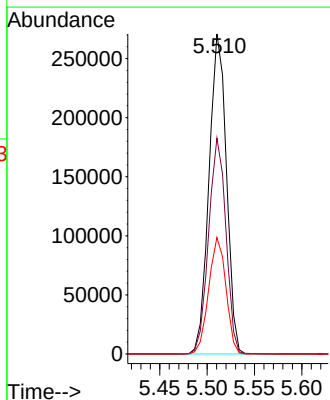
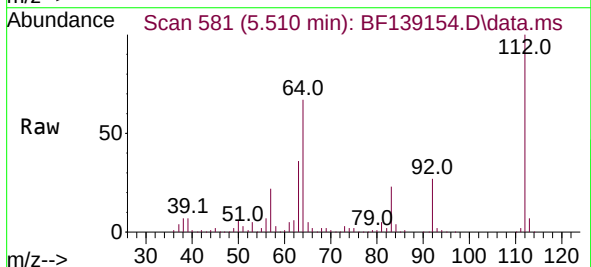
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0.5-1-082024

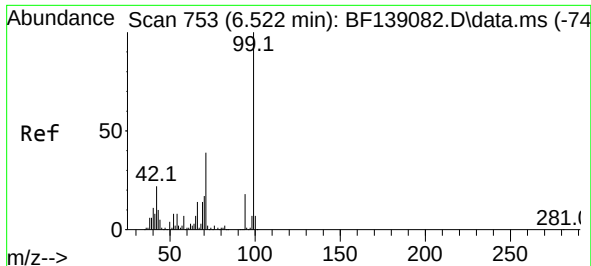
Tgt Ion:152 Resp: 76047
Ion Ratio Lower Upper
152 100
150 155.3 125.1 187.7
115 64.4 51.8 77.6



#5
2-Fluorophenol
Concen: 70.021 ng
RT: 5.510 min Scan# 581
Delta R.T. -0.000 min
Lab File: BF139154.D
Acq: 23 Aug 2024 18:44

Tgt Ion:112 Resp: 346107
Ion Ratio Lower Upper
112 100
64 67.4 53.8 80.6
63 36.4 29.4 44.2

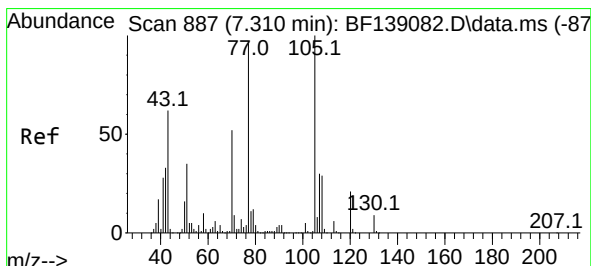
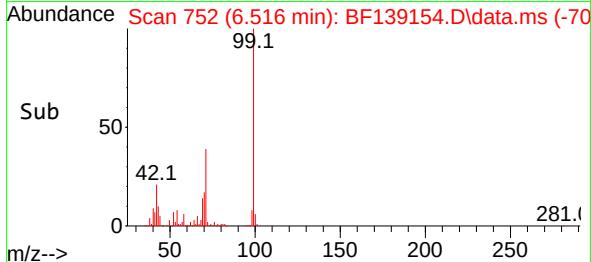
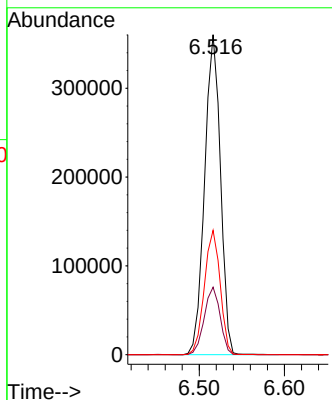
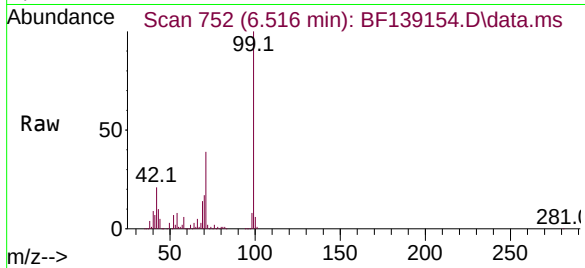




#7
Phenol-d6
Concen: 72.848 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139154.D
Acq: 23 Aug 2024 18:44

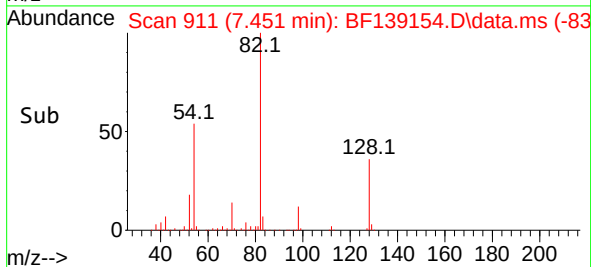
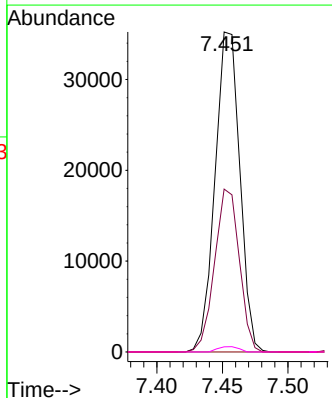
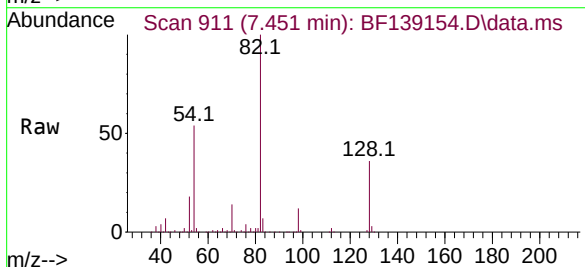
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0.5-1-082024

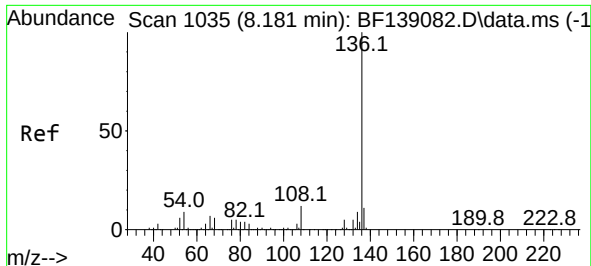
Tgt Ion: 99 Resp: 465269
Ion Ratio Lower Upper
99 100
42 21.1 17.4 26.2
71 38.9 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.045 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139154.D
Acq: 23 Aug 2024 18:44

Tgt Ion: 70 Resp: 46325
Ion Ratio Lower Upper
70 100
42 50.9 50.5 75.7
101 0.0 7.2 10.8#
130 1.6 14.2 21.2#



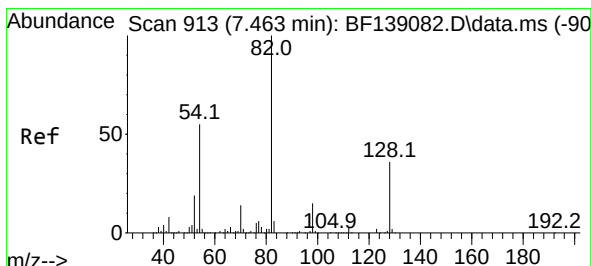
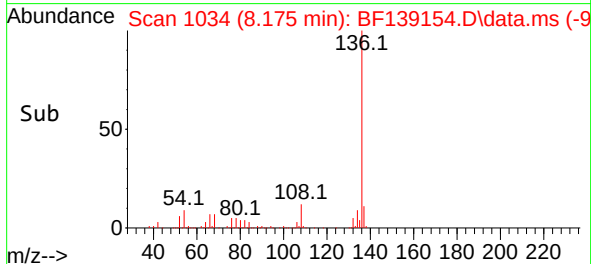
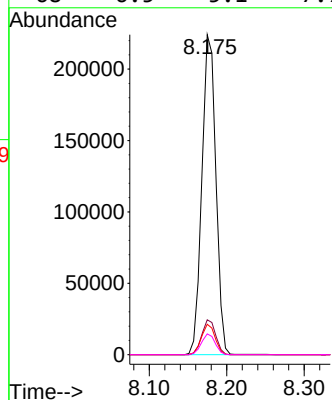
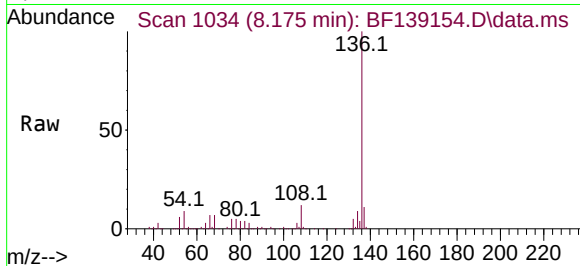


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139154.D
Acq: 23 Aug 2024 18:44

Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0.5-1-082024

Tgt Ion:136 Resp: 281112

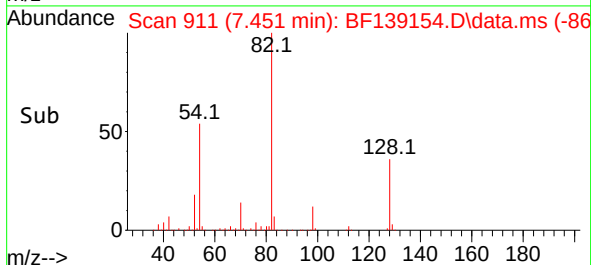
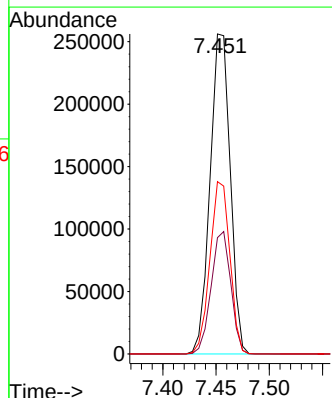
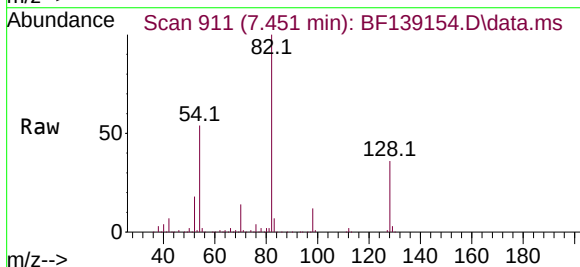
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.5	7.6	11.4
68	6.5	5.1	7.7

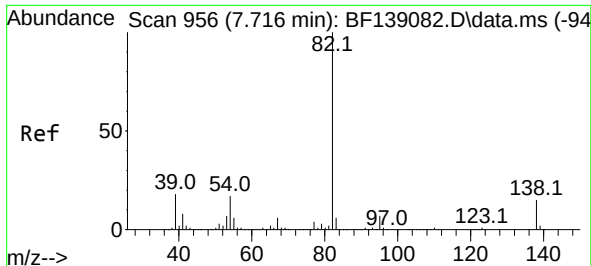


#23
Nitrobenzene-d5
Concen: 69.839 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF139154.D
Acq: 23 Aug 2024 18:44

Tgt Ion: 82 Resp: 336924

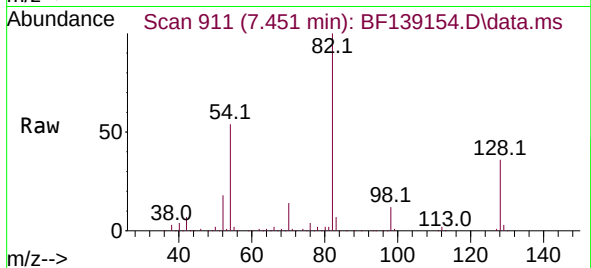
Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.0	43.4
54	53.8	43.4	65.2



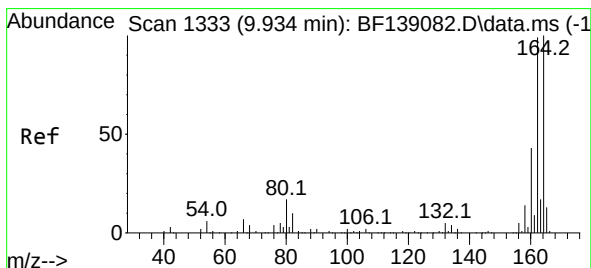
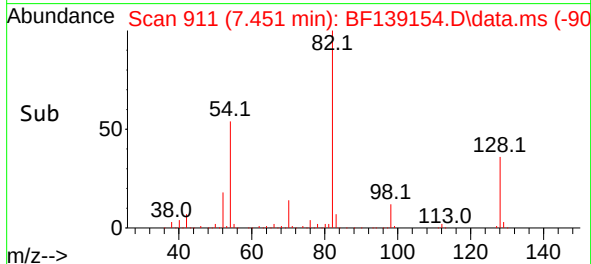
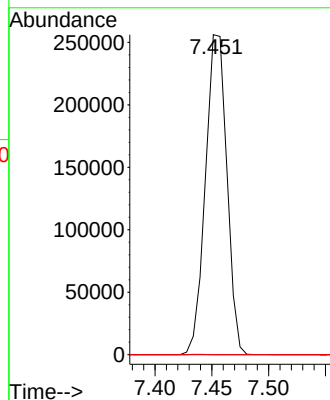


#25
Isophorone
Concen: 32.858 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139154.D
Acq: 23 Aug 2024 18:44

Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0.5-1-082024

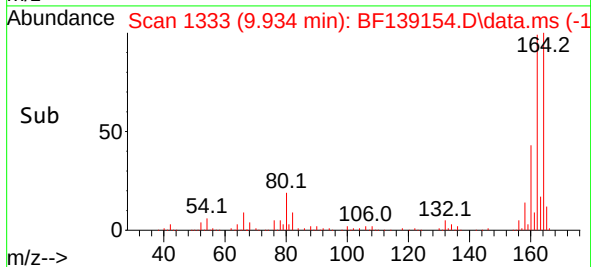
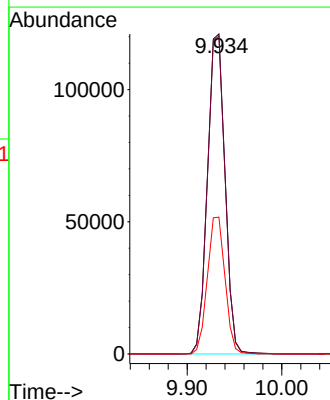
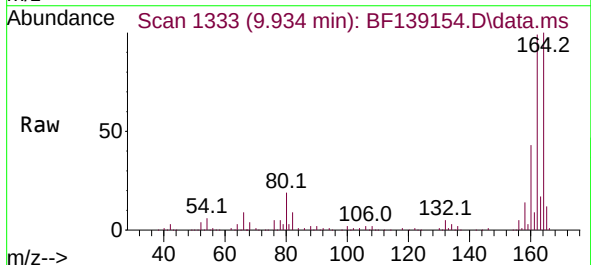


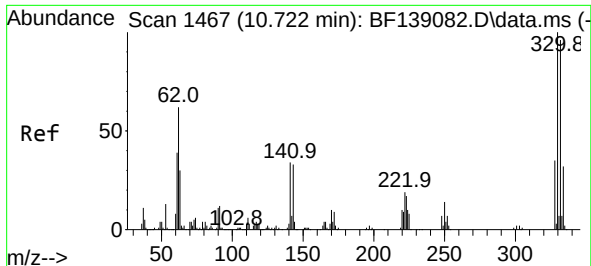
Tgt Ion: 82 Resp: 336920
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF139154.D
Acq: 23 Aug 2024 18:44

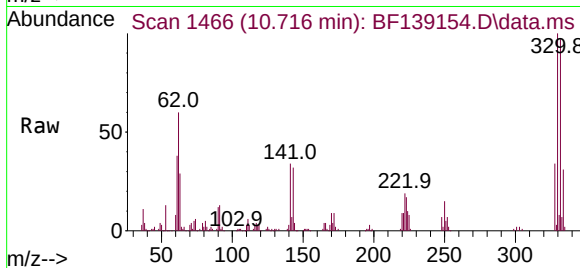
Tgt Ion: 164 Resp: 155587
Ion Ratio Lower Upper
164 100
162 99.3 79.5 119.3
160 42.7 34.5 51.7



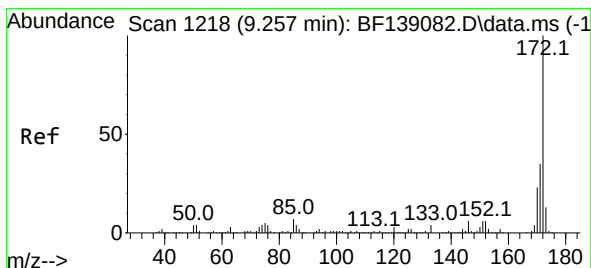
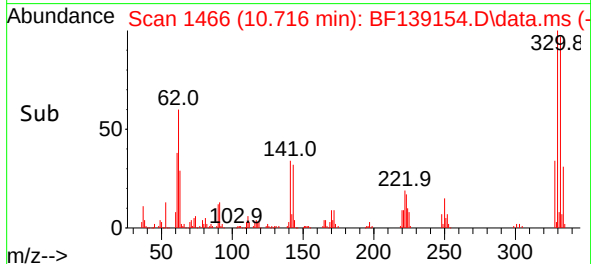
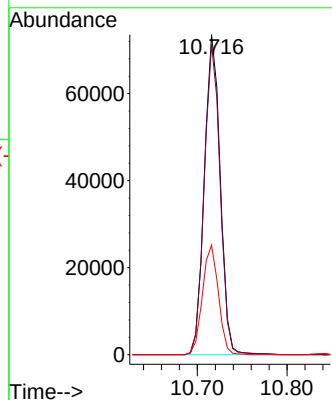


#42
2,4,6-Tribromophenol
Concen: 64.071 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139154.D
Acq: 23 Aug 2024 18:44

Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0.5-1-082024

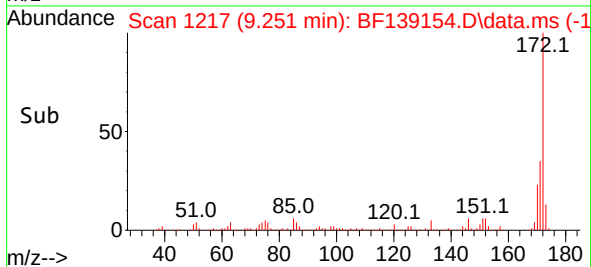
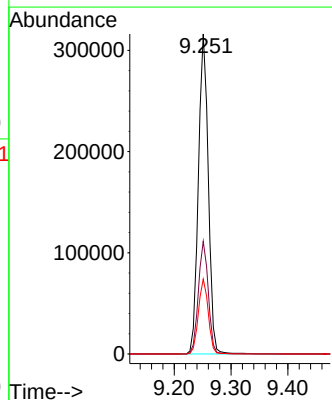
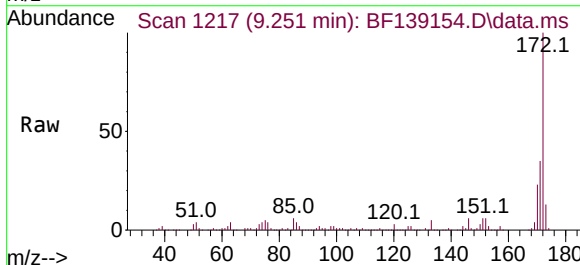


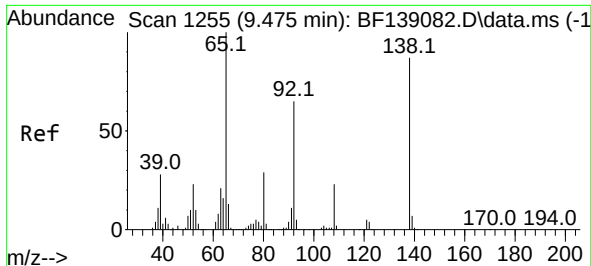
Tgt Ion:330 Resp: 90245
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 34.3 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 39.284 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF139154.D
Acq: 23 Aug 2024 18:44

Tgt Ion:172 Resp: 385230
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.4 18.8 28.2





#48

2-Nitroaniline

Concen: 5.932 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.224 min

Lab File: BF139154.D

Acq: 23 Aug 2024 18:44

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0.5-1-082024

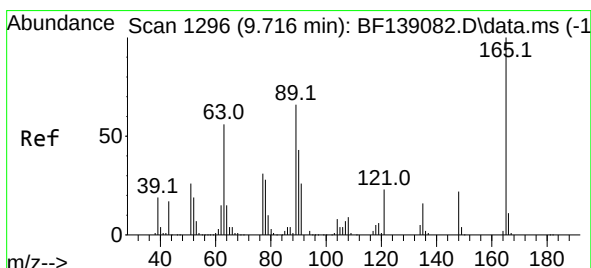
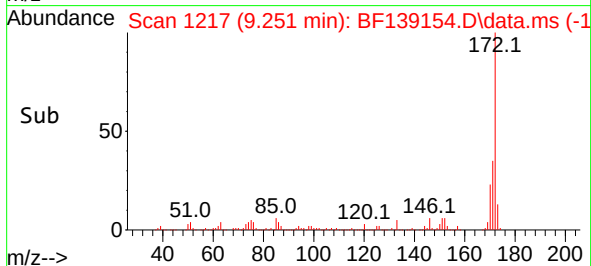
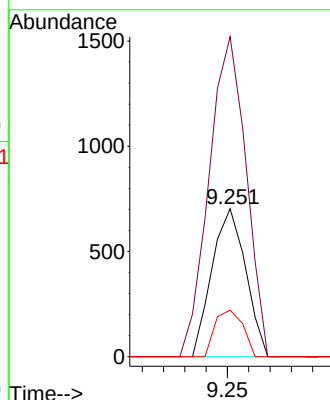
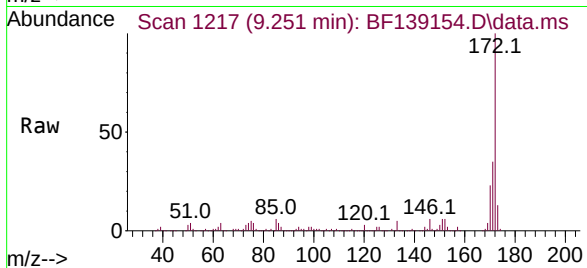
Tgt Ion: 65 Resp: 774

Ion Ratio Lower Upper

65 100

92 216.4 52.4 78.6#

138 31.4 69.4 104.0#



#51

2,6-Dinitrotoluene

Concen: 13.839 ng

RT: 9.928 min Scan# 1332

Delta R.T. 0.212 min

Lab File: BF139154.D

Acq: 23 Aug 2024 18:44

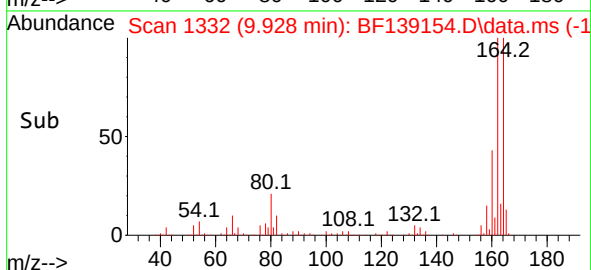
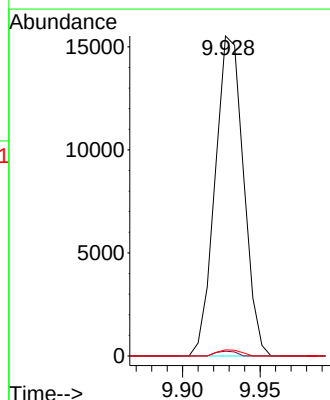
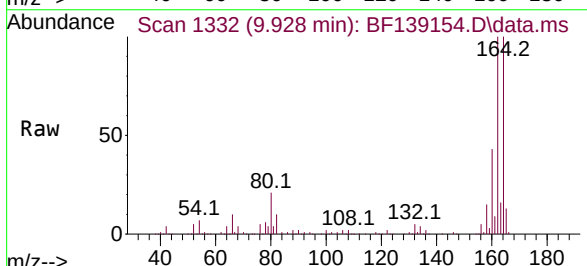
Tgt Ion:165 Resp: 19826

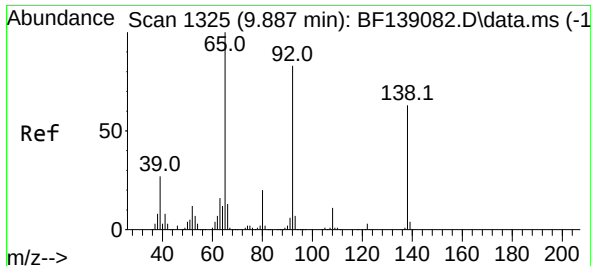
Ion Ratio Lower Upper

165 100

63 1.5 58.0 87.0#

89 1.9 53.3 79.9#

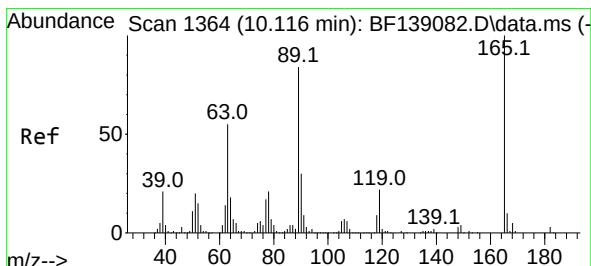
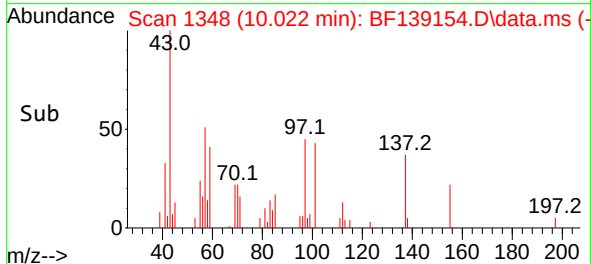
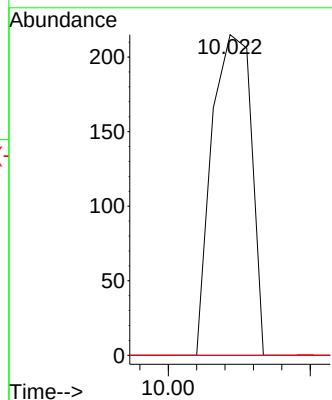
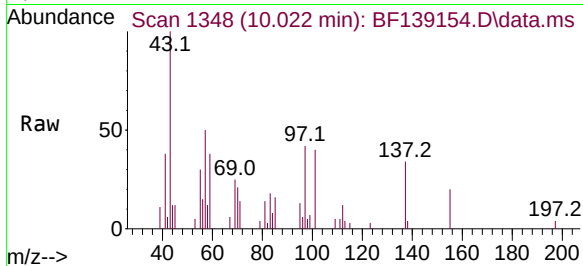




#53
3-Nitroaniline
Concen: 4.272 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.135 min
Lab File: BF139154.D
Acq: 23 Aug 2024 18:44

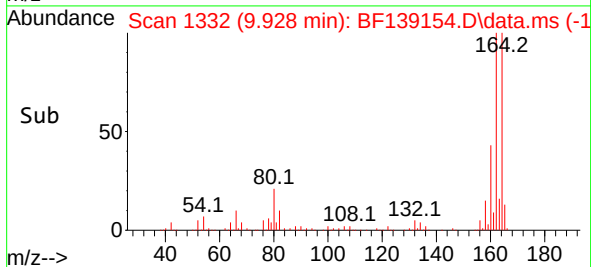
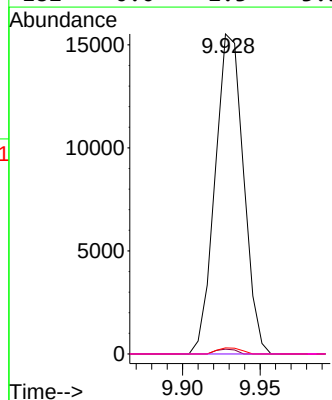
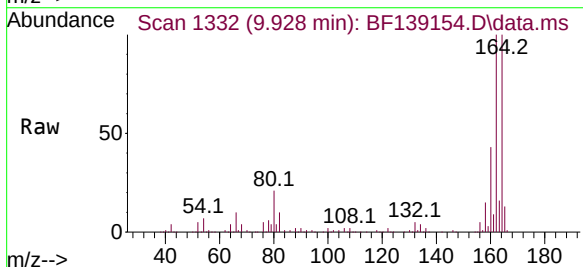
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0.5-1-082024

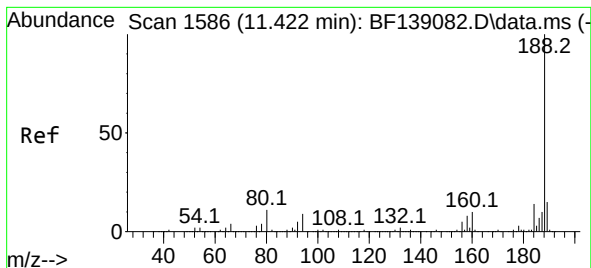
Tgt Ion:138 Resp: 207
Ion Ratio Lower Upper
138 100
108 0.0 14.6 21.8#
92 0.0 105.9 158.9#



#57
2,4-Dinitrotoluene
Concen: 12.805 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF139154.D
Acq: 23 Aug 2024 18:44

Tgt Ion:165 Resp: 19826
Ion Ratio Lower Upper
165 100
63 1.5 44.2 66.4#
89 1.9 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: BF139154.D

Acq: 23 Aug 2024 18:44

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0.5-1-082024

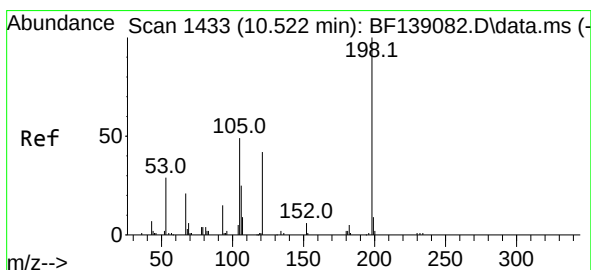
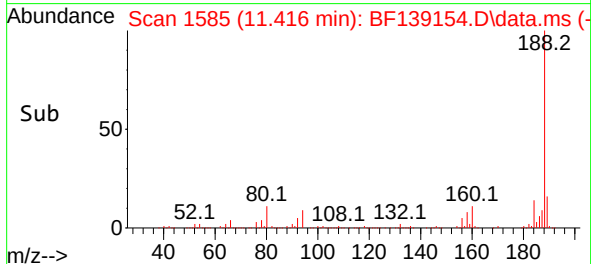
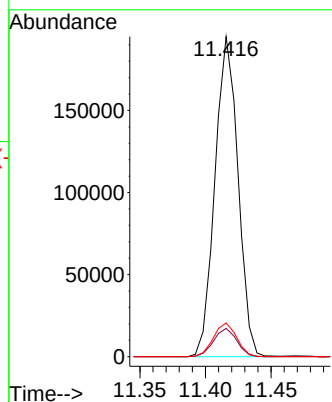
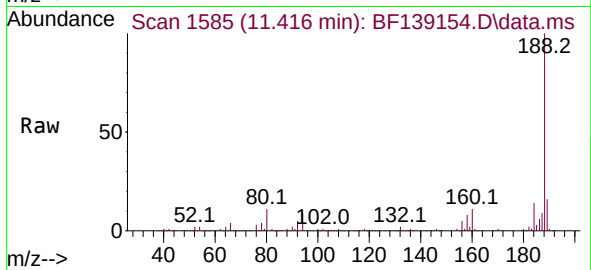
Tgt Ion:188 Resp: 237965

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 10.6 8.5 12.7



#65

4,6-Dinitro-2-methylphenol

Concen: 6.643 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF139154.D

Acq: 23 Aug 2024 18:44

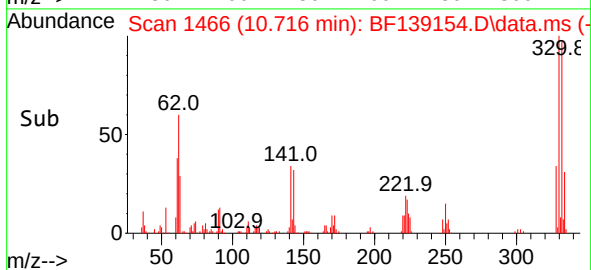
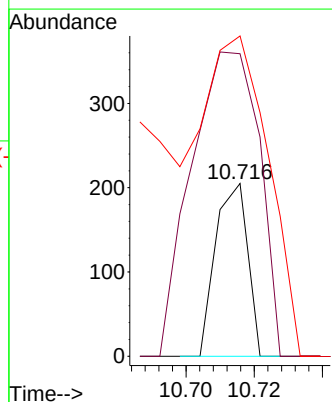
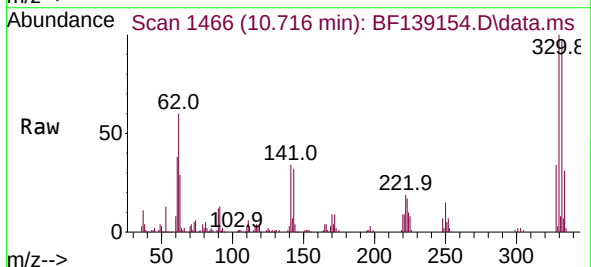
Tgt Ion:198 Resp: 134

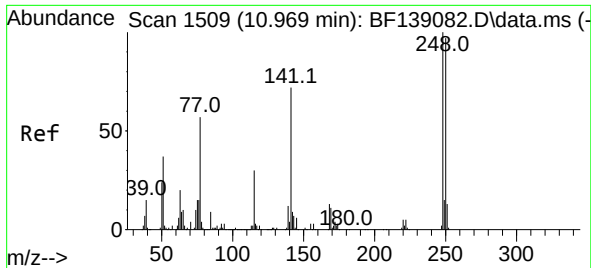
Ion Ratio Lower Upper

198 100

51 175.1 40.8 80.8#

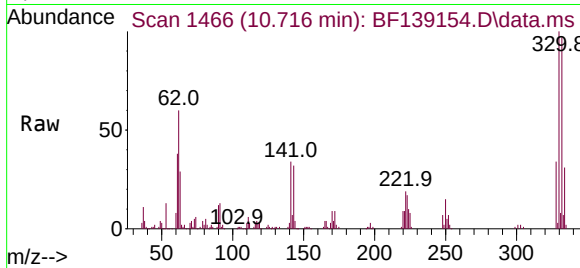
105 185.4 30.9 70.9#



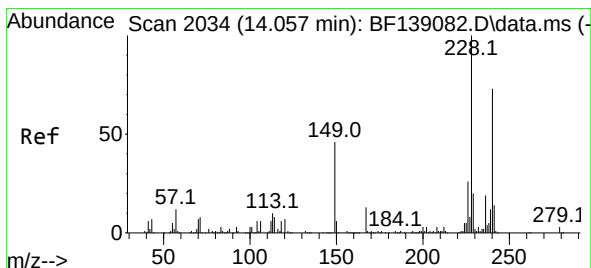
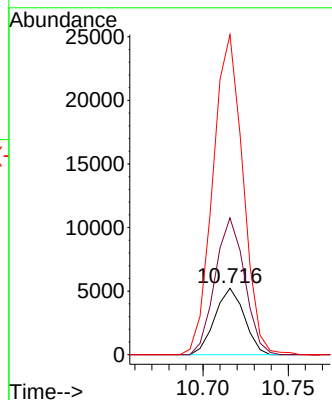
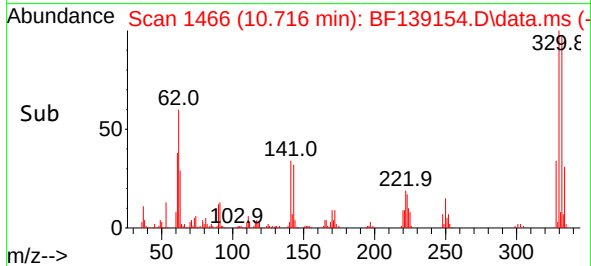


#67
4-Bromophenyl-phenylether
Concen: 2.490 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF139154.D
Acq: 23 Aug 2024 18:44

Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0.5-1-082024

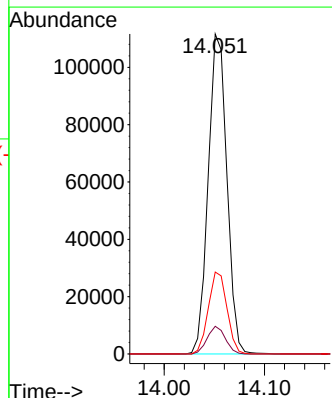
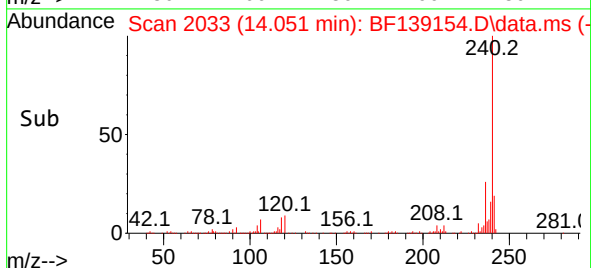
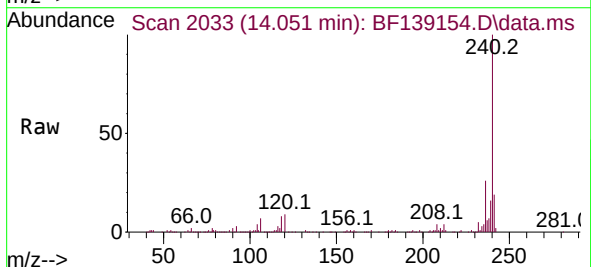


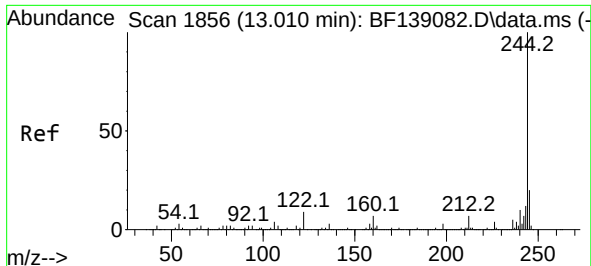
Tgt Ion:248 Resp: 6279
Ion Ratio Lower Upper
248 100
250 205.8 77.8 116.8#
141 481.4 57.9 86.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF139154.D
Acq: 23 Aug 2024 18:44

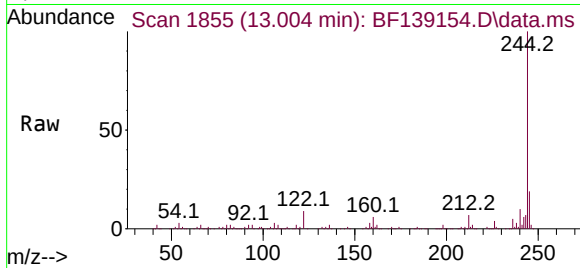
Tgt Ion:240 Resp: 144760
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 25.6 20.9 31.3



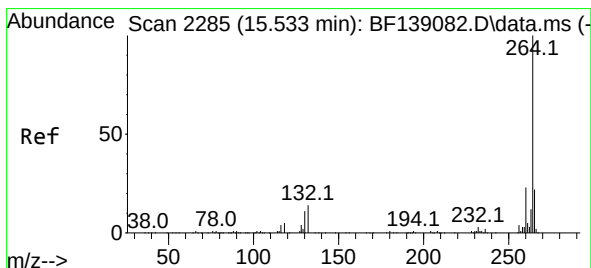
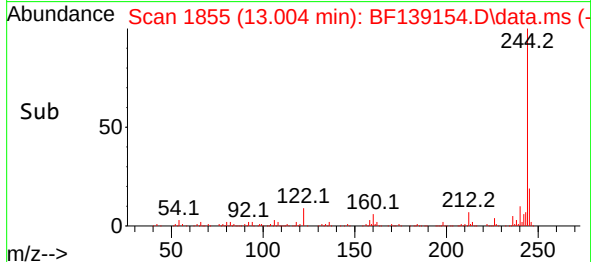
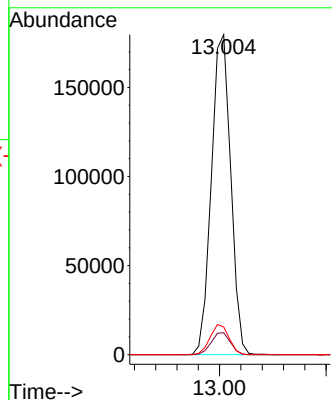


#79
 Terphenyl-d14
 Concen: 25.922 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. -0.006 min
 Lab File: BF139154.D
 Acq: 23 Aug 2024 18:44

Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0.5-1-082024

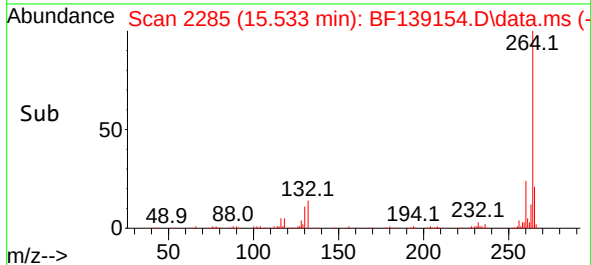
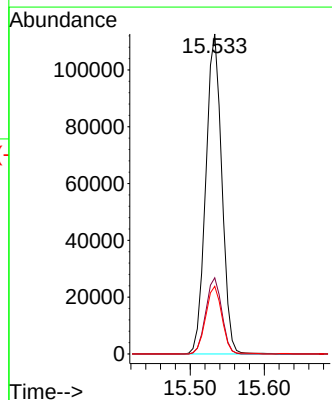
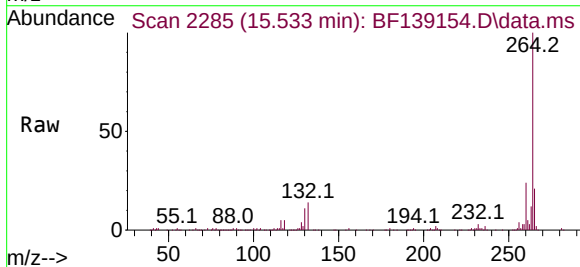


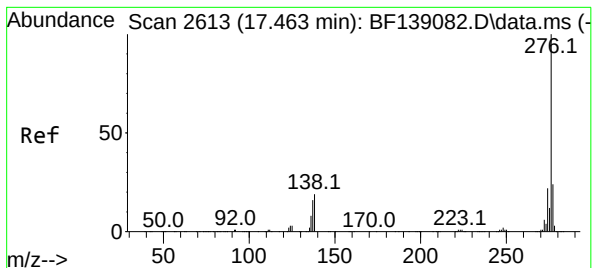
Tgt Ion:244 Resp: 226152
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 8.7 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: BF139154.D
 Acq: 23 Aug 2024 18:44

Tgt Ion:264 Resp: 169005
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 21.2 17.4 26.2





#92

Benzo(g,h,i)perylene

Concen: 2.862 ng

RT: 17.451 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF139154.D

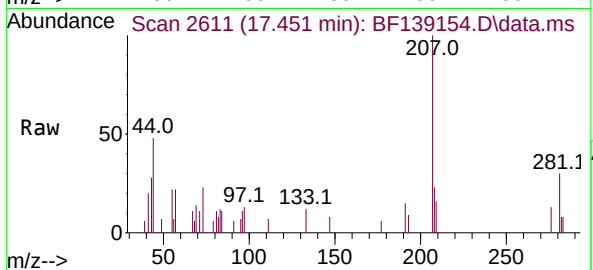
Acq: 23 Aug 2024 18:44

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0.5-1-082024



Tgt Ion:276 Resp: 662

Ion Ratio Lower Upper

276 100

277 0.0 18.8 28.2#

138 0.0 15.0 22.4#

