

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
 Data File : BF139119.D
 Acq On : 22 Aug 2024 13:22
 Operator : RC/JU
 Sample : P3641-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-907-K1-0.5-1.0-081524

Quant Time: Aug 22 13:48:20 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)

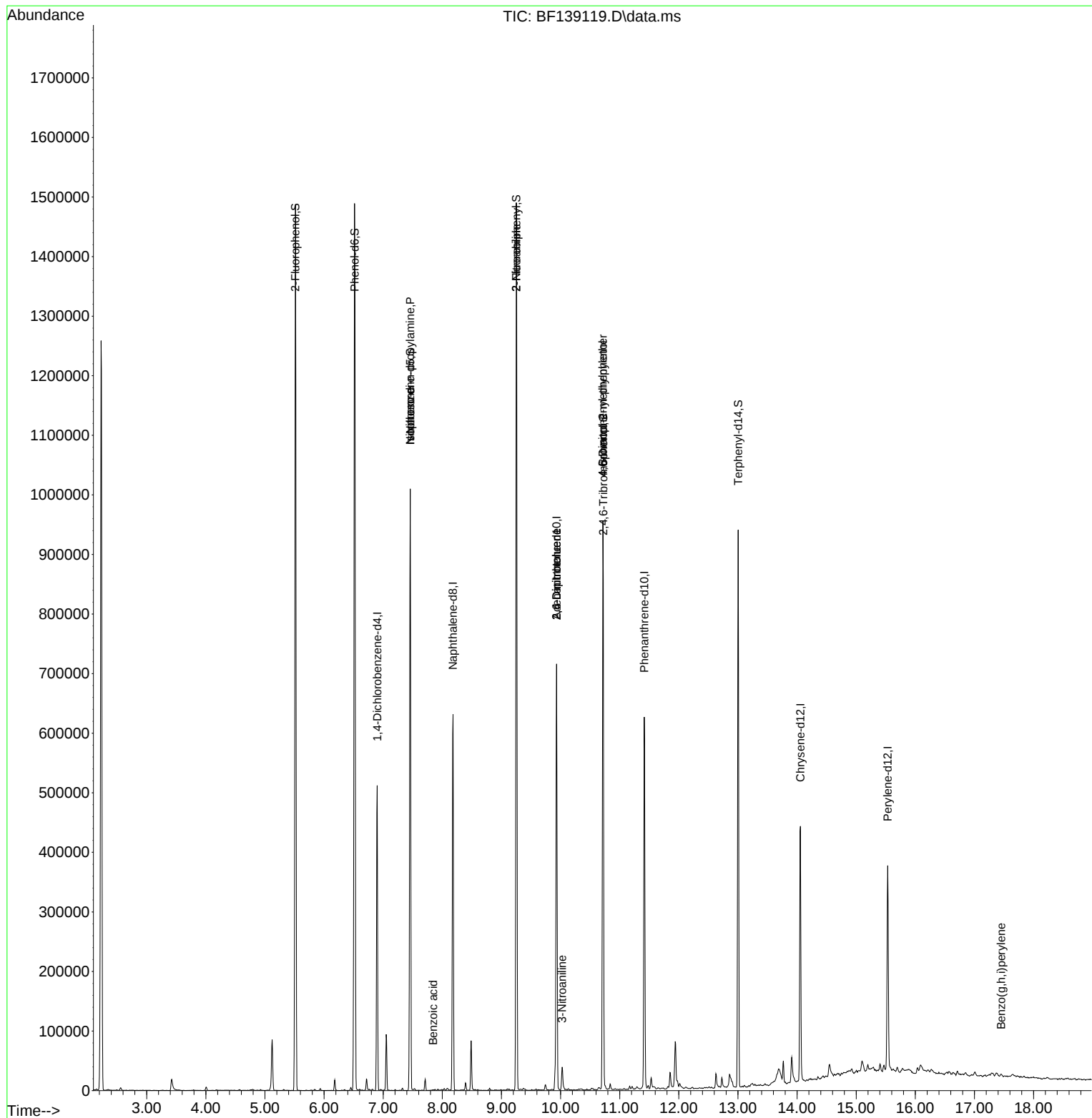
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	99830	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	364776	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	205382	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	314086	20.000	ng	0.00
76) Chrysene-d12	14.057	240	194609	20.000	ng	0.00
86) Perylene-d12	15.533	264	190955	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	498288	76.793	ng	0.00
7) Phenol-d6	6.516	99	665333	79.355	ng	0.00
23) Nitrobenzene-d5	7.457	82	443004	70.766	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	144305	77.613	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	624060	48.210	ng	0.00
79) Terphenyl-d14	13.004	244	430429	36.700	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	61952	11.252	ng	# 79
25) Isophorone	7.457	82	442393	33.248	ng	# 69
32) Benzoic acid	7.845	122	243	8.404	ng	# 72
48) 2-Nitroaniline	9.251	65	1286	6.003	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	26351	13.903	ng	# 16
53) 3-Nitroaniline	10.027	138	225	4.254	ng	# 1
57) 2,4-Dinitrotoluene	9.933	165	26351	12.855	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.716	198	333	6.791	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	10412	3.128	ng	# 1
92) Benzo(g,h,i)perylene	17.450	276	4115	3.164	ng	# 92

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

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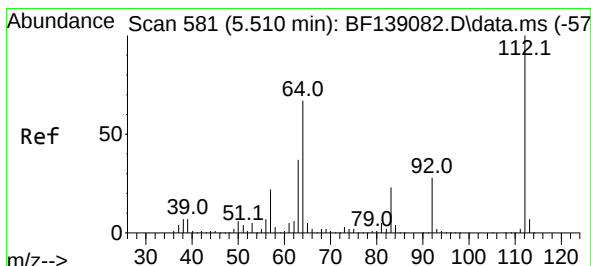
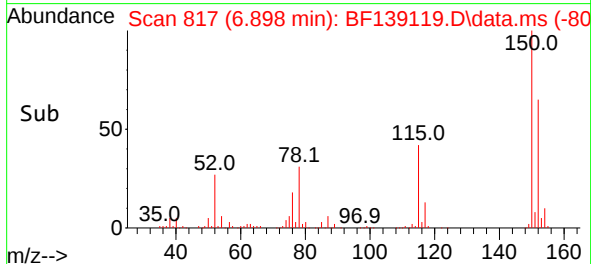
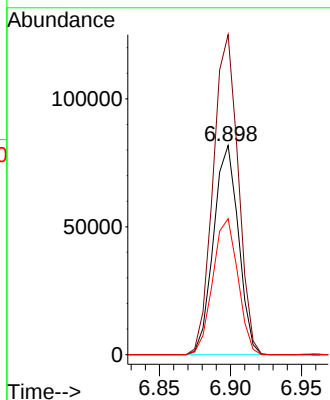
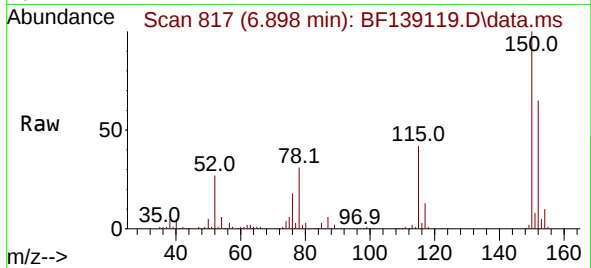




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

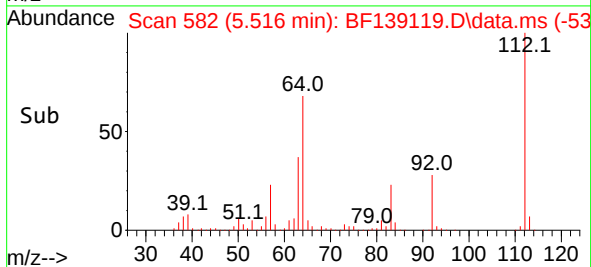
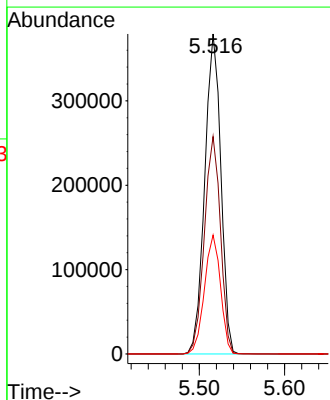
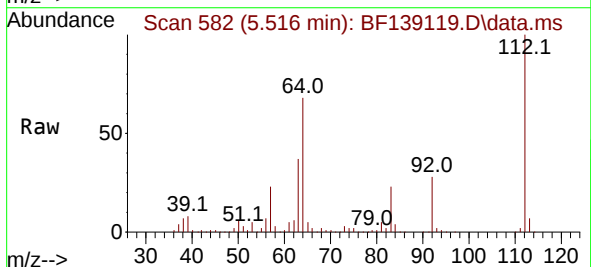
Instrument :
BNA_F
ClientSampleId :
S-907-K1-0.5-1.0-081524

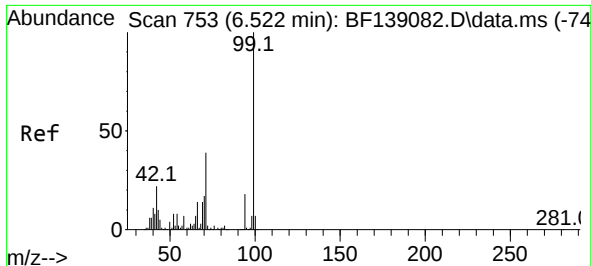
Tgt Ion:152 Resp: 99830
Ion Ratio Lower Upper
152 100
150 152.9 125.1 187.7
115 65.0 51.8 77.6



#5
2-Fluorophenol
Concen: 76.793 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

Tgt Ion:112 Resp: 498288
Ion Ratio Lower Upper
112 100
64 68.0 53.8 80.6
63 37.2 29.4 44.2

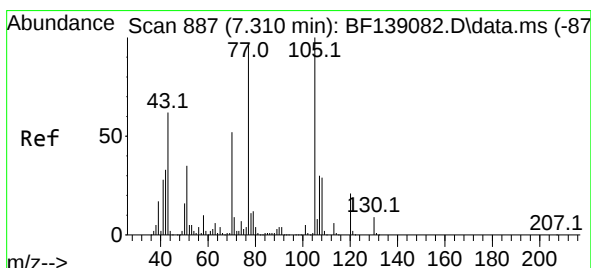
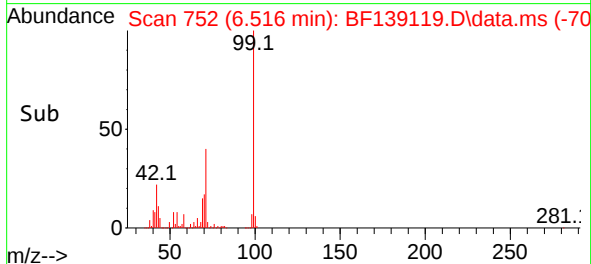
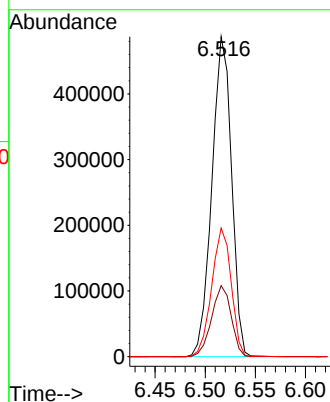
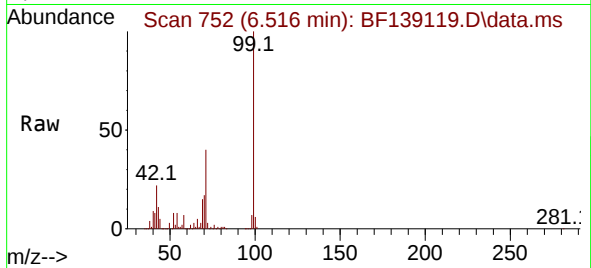




#7
Phenol-d6
Concen: 79.355 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

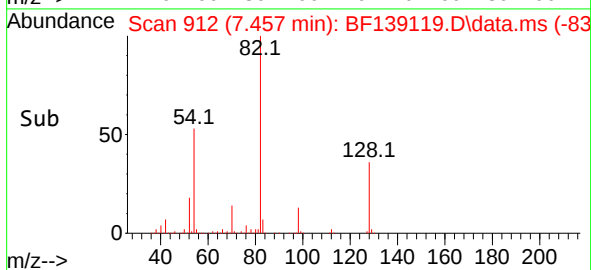
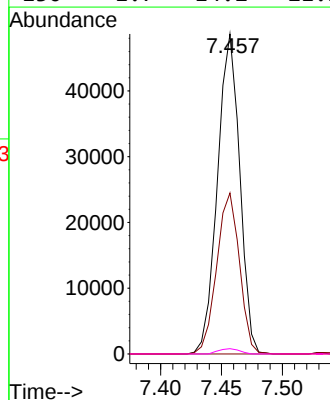
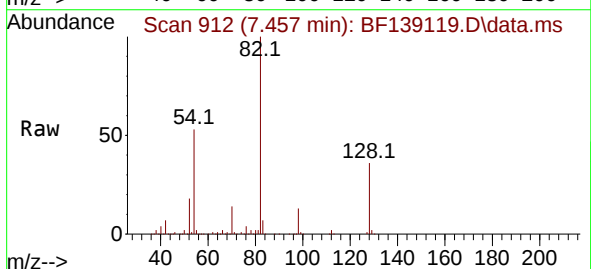
Instrument :
BNA_F
ClientSampleId :
S-907-K1-0.5-1.0-081524

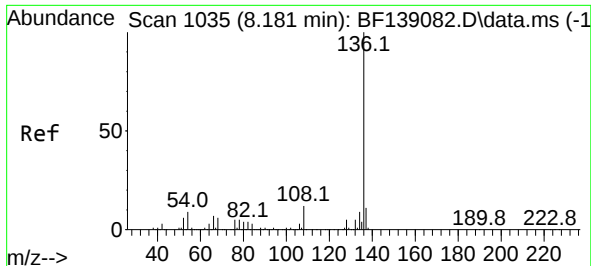
Tgt Ion: 99 Resp: 665333
Ion Ratio Lower Upper
99 100
42 22.2 17.4 26.2
71 40.2 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.252 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

Tgt Ion: 70 Resp: 61952
Ion Ratio Lower Upper
70 100
42 50.3 50.5 75.7#
101 0.0 7.2 10.8#
130 1.7 14.2 21.2#

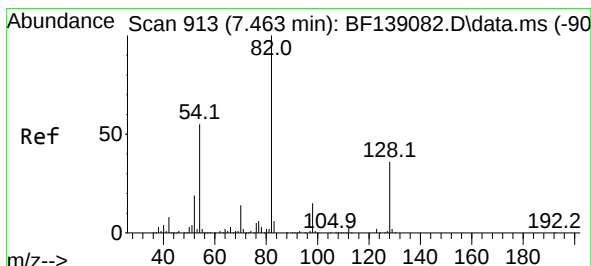
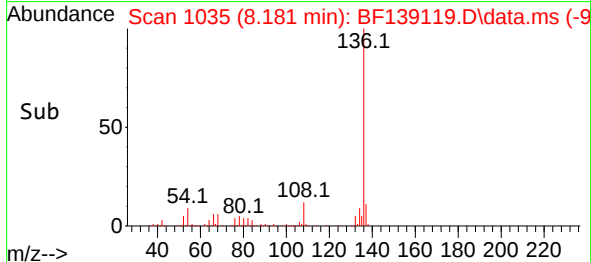
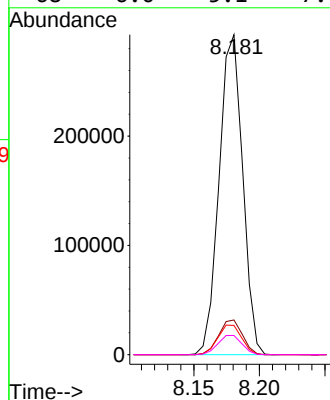
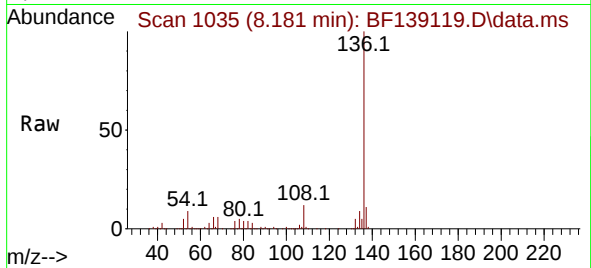




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

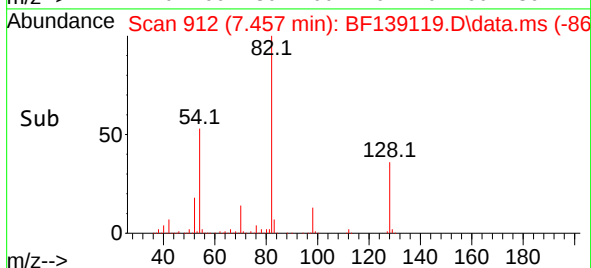
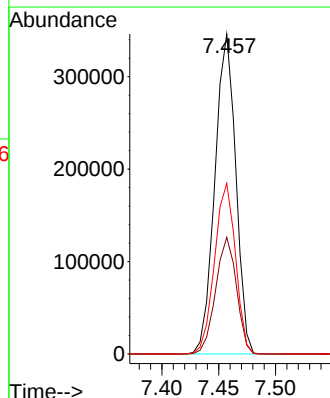
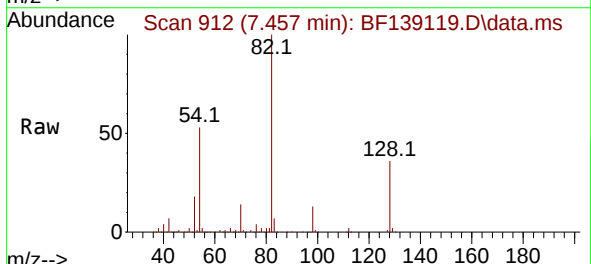
Instrument :
BNA_F
ClientSampleId :
S-907-K1-0.5-1.0-081524

Tgt Ion:	136	Resp:	364776
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.2	7.6	11.4
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 70.766 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

Tgt Ion:	82	Resp:	443004
Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.0	43.4
54	53.3	43.4	65.2

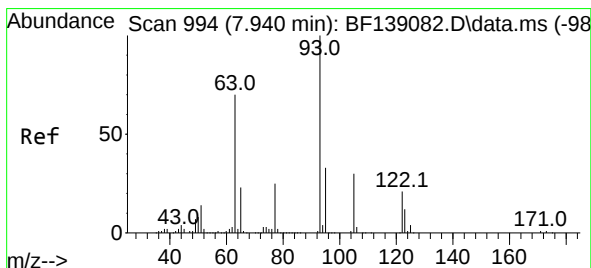
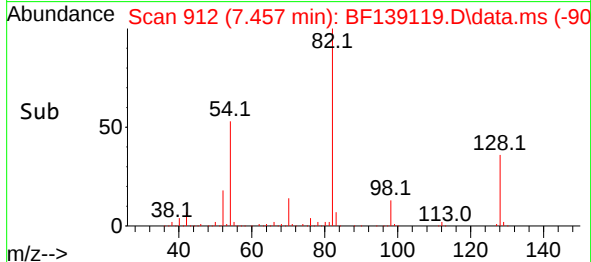
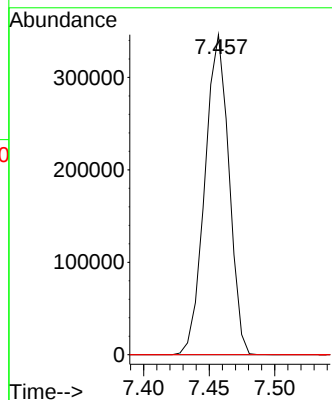
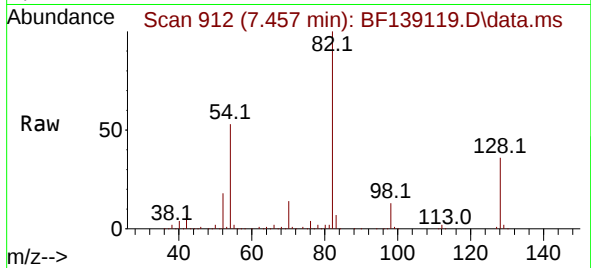




#25
Isophorone
Concen: 33.248 ng
RT: 7.457 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

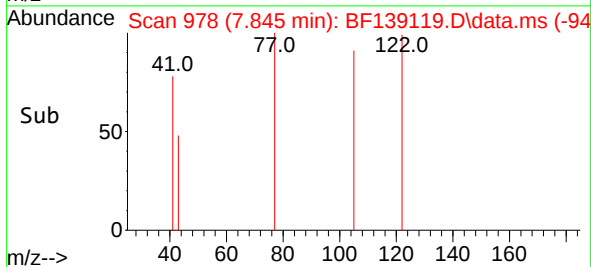
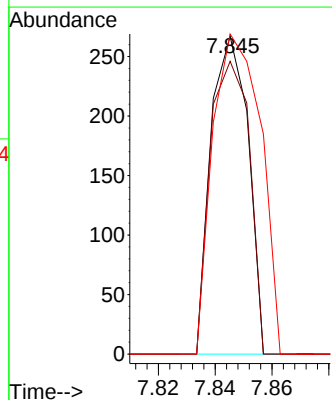
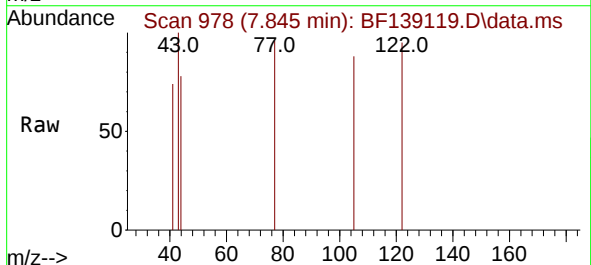
Instrument :
BNA_F
ClientSampleId :
S-907-K1-0.5-1.0-081524

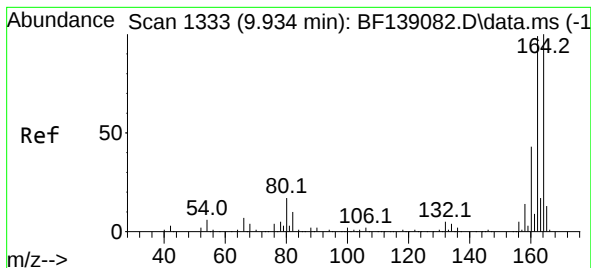
Tgt Ion: 82 Resp: 442393
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 8.404 ng
RT: 7.845 min Scan# 978
Delta R.T. -0.095 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

Tgt Ion:122 Resp: 243
Ion Ratio Lower Upper
122 100
105 92.1 119.6 159.6#
77 100.7 97.6 137.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1

Delta R.T. -0.001 min

Lab File: BF139119.D

Acq: 22 Aug 2024 13:22

Instrument :

BNA_F

ClientSampleId :

S-907-K1-0.5-1.0-081524

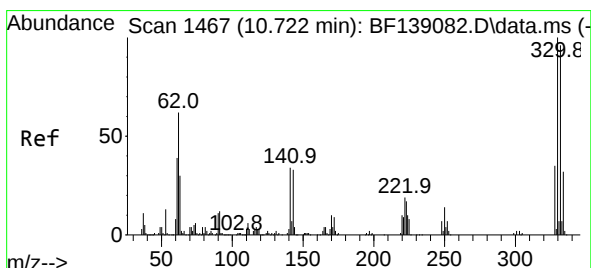
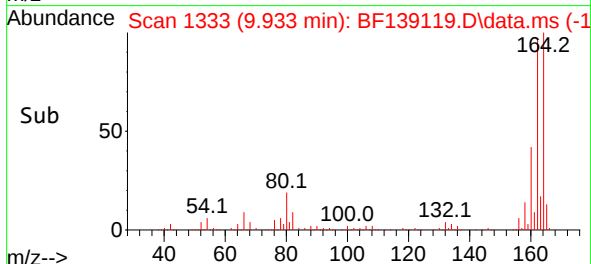
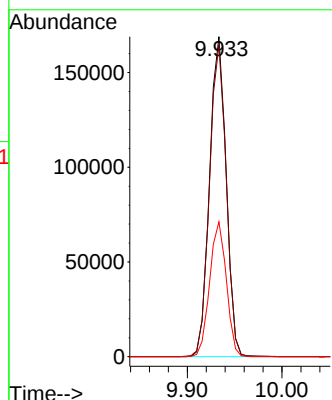
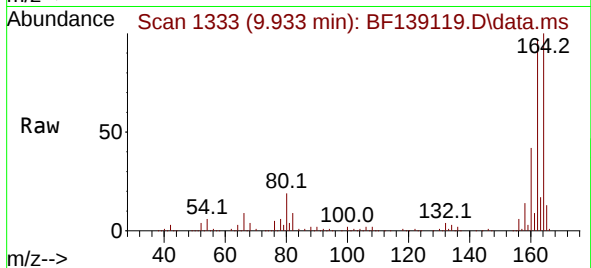
Tgt Ion:164 Resp: 205382

Ion Ratio Lower Upper

164 100

162 97.3 79.5 119.3

160 42.1 34.5 51.7



#42

2,4,6-Tribromophenol

Concen: 77.613 ng

RT: 10.722 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF139119.D

Acq: 22 Aug 2024 13:22

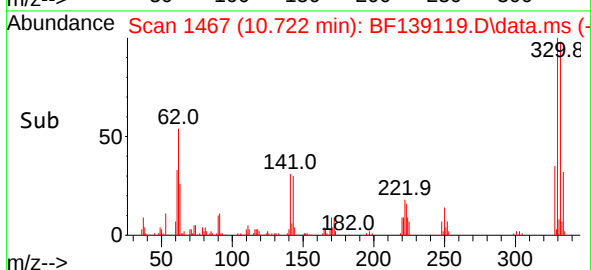
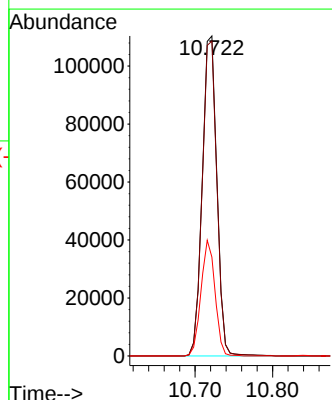
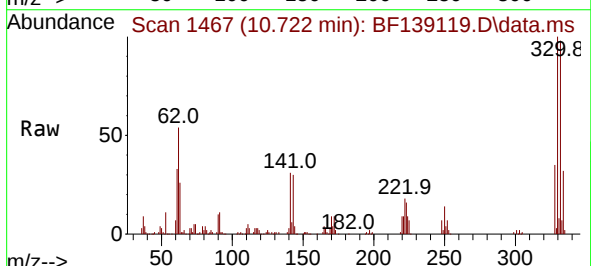
Tgt Ion:330 Resp: 144305

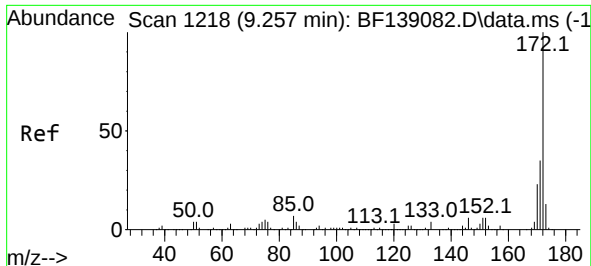
Ion Ratio Lower Upper

330 100

332 98.4 77.0 115.6

141 34.8 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 48.210 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF139119.D

Acq: 22 Aug 2024 13:22

Instrument :

BNA_F

ClientSampleId :

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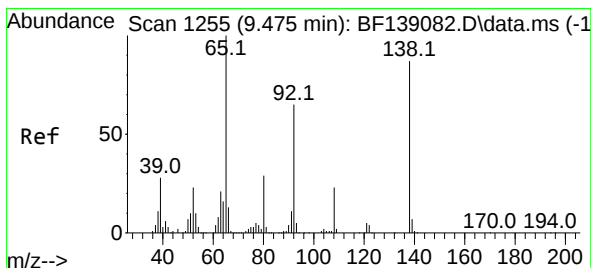
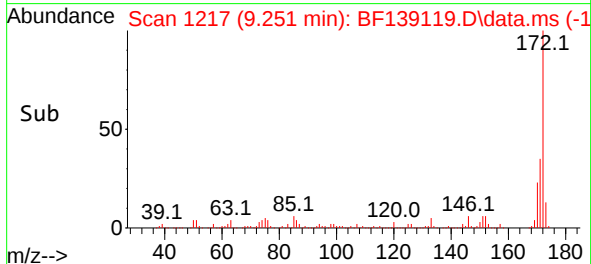
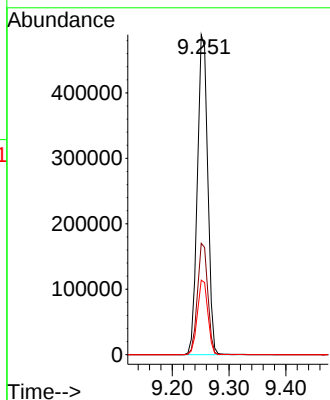
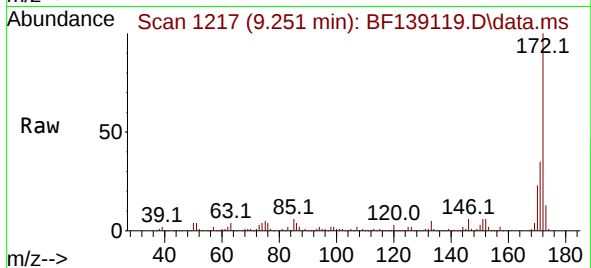
Tgt Ion:172 Resp: 624060

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.3 18.8 28.2



#48

2-Nitroaniline

Concen: 6.003 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.224 min

Lab File: BF139119.D

Acq: 22 Aug 2024 13:22

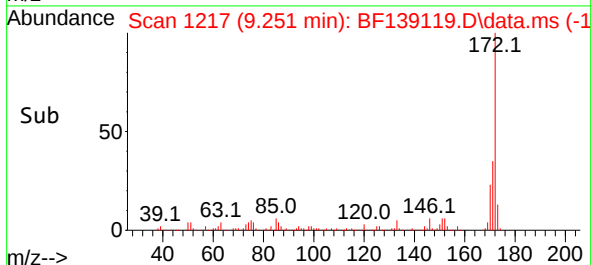
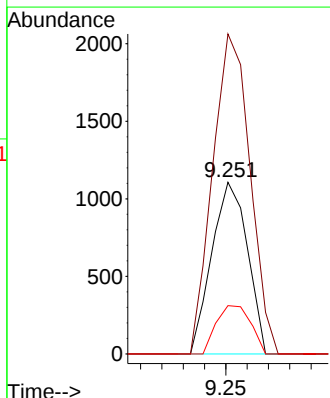
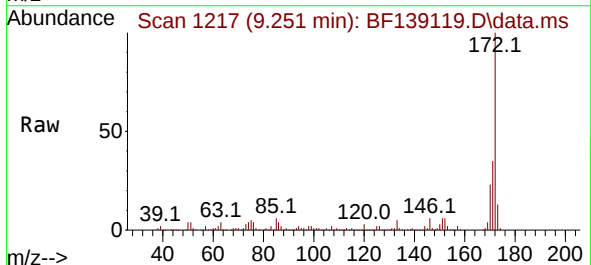
Tgt Ion: 65 Resp: 1286

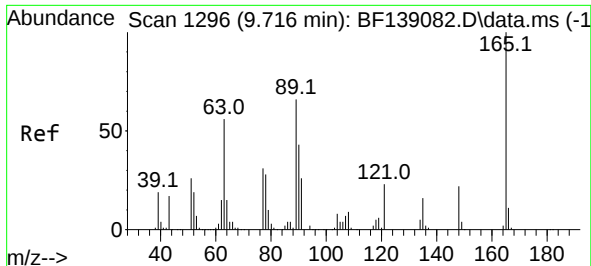
Ion Ratio Lower Upper

65 100

92 186.4 52.4 78.6#

138 28.1 69.4 104.0#





#51

2,6-Dinitrotoluene

Concen: 13.903 ng

RT: 9.933 min Scan# 1

Delta R.T. 0.217 min

Lab File: BF139119.D

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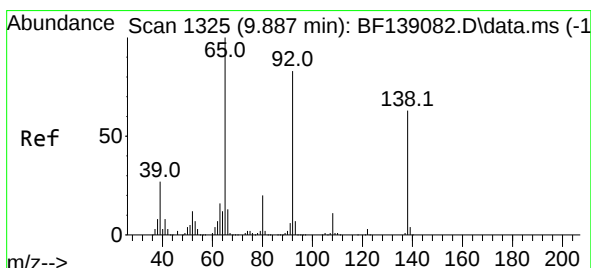
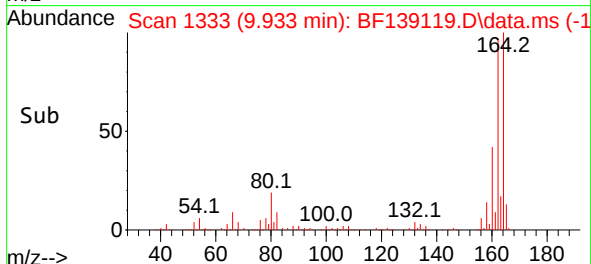
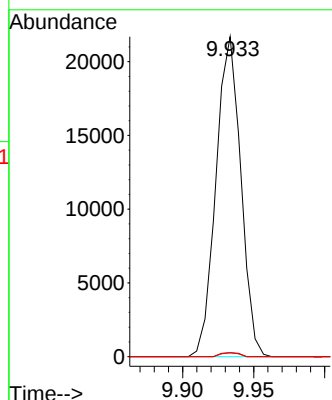
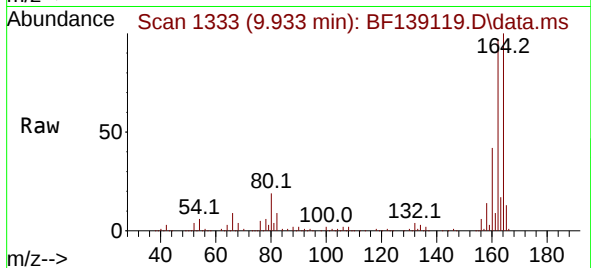
Tgt Ion:165 Resp: 26351

Ion Ratio Lower Upper

165 100

63 1.3 58.0 87.0#

89 1.2 53.3 79.9#



#53

3-Nitroaniline

Concen: 4.254 ng

RT: 10.027 min Scan# 1349

Delta R.T. 0.140 min

Lab File: BF139119.D

Acq: 22 Aug 2024 13:22

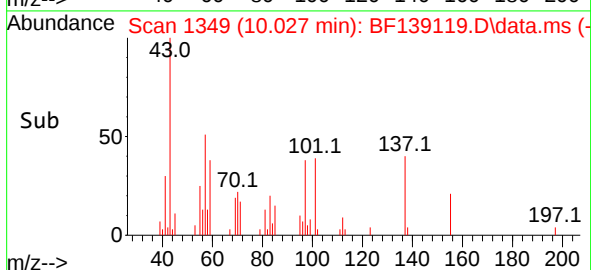
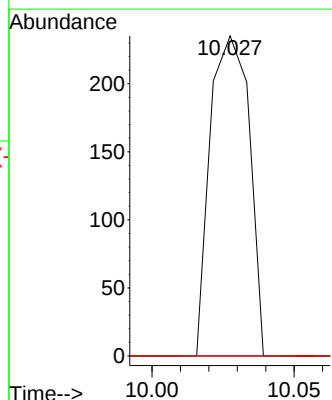
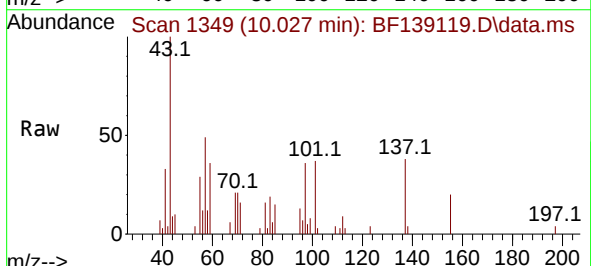
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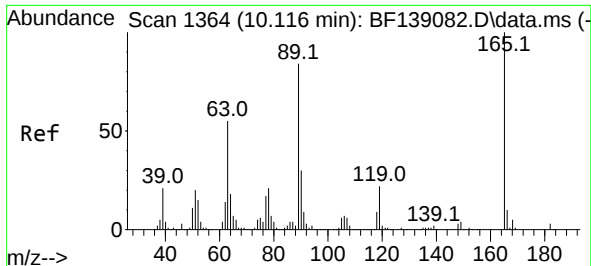
Ion Ratio Lower Upper

138 100

108 0.0 14.6 21.8#

92 0.0 105.9 158.9#

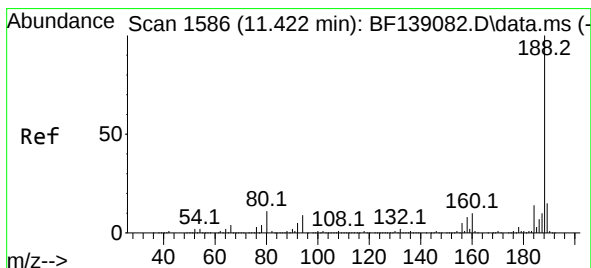
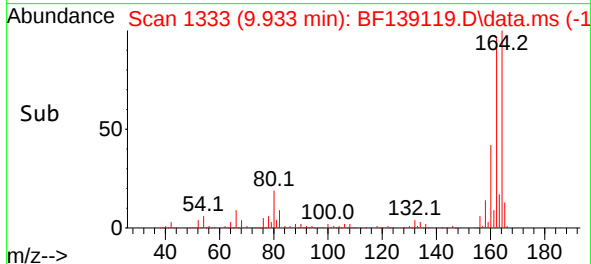
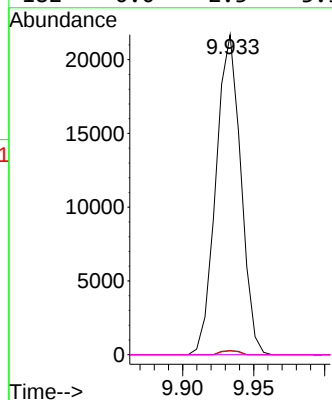
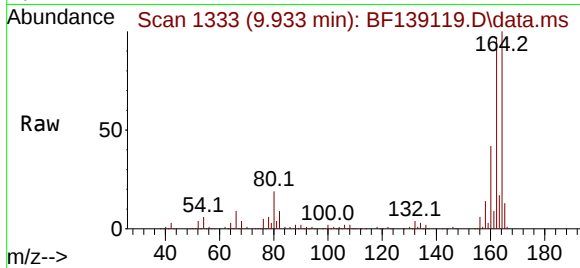




#57
2,4-Dinitrotoluene
Concen: 12.855 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.183 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

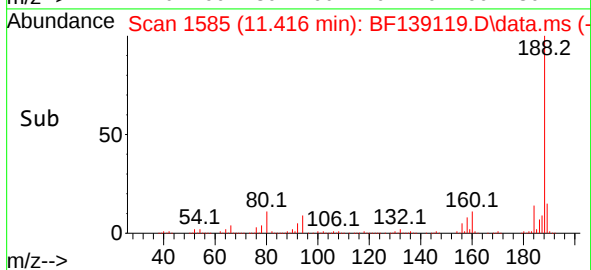
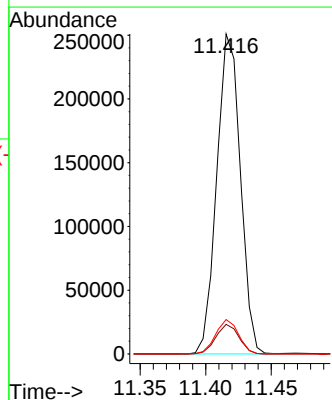
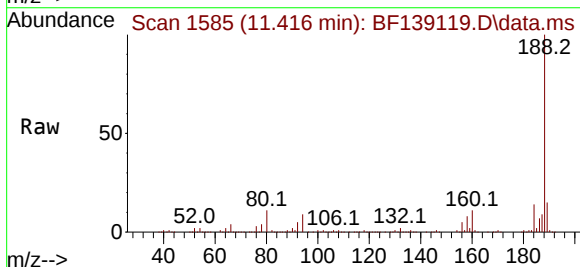
Instrument :
BNA_F
ClientSampleId :
S-907-K1-0.5-1.0-081524

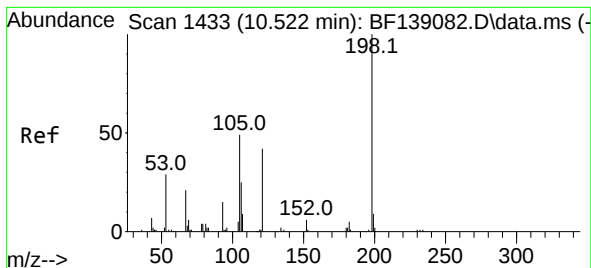
Tgt Ion:165	Resp:	26351
Ion	Ratio	Lower Upper
165	100	
63	1.3	44.2 66.4#
89	1.2	67.4 101.2#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

Tgt Ion:188	Resp:	314086
Ion	Ratio	Lower Upper
188	100	
94	9.2	7.2 10.8
80	10.7	8.5 12.7

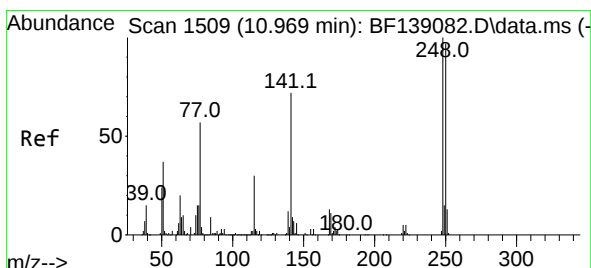
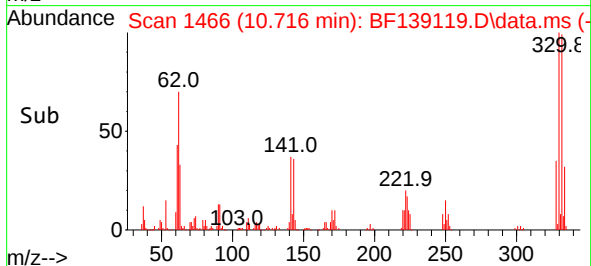
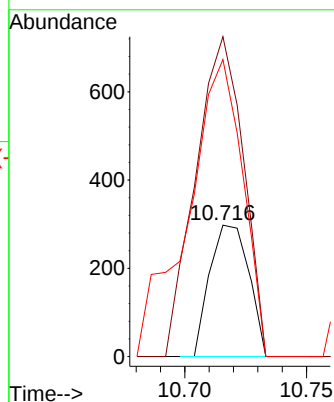
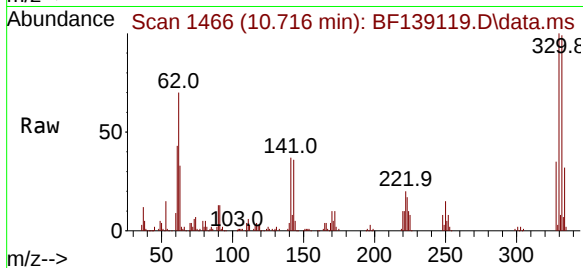




#65
4,6-Dinitro-2-methylphenol
Concen: 6.791 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

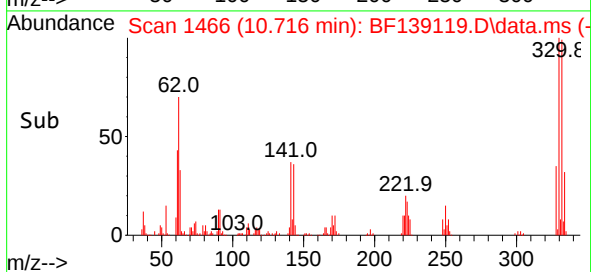
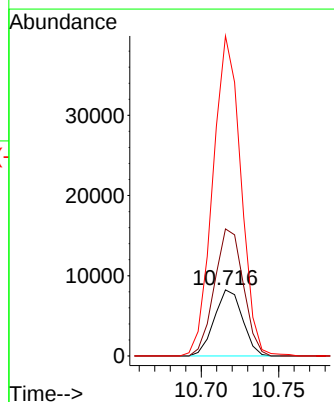
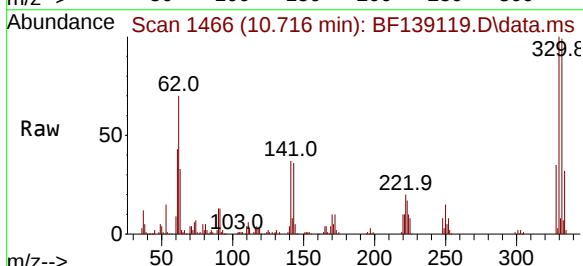
Instrument :
BNA_F
ClientSampleId :
S-907-K1-0.5-1.0-081524

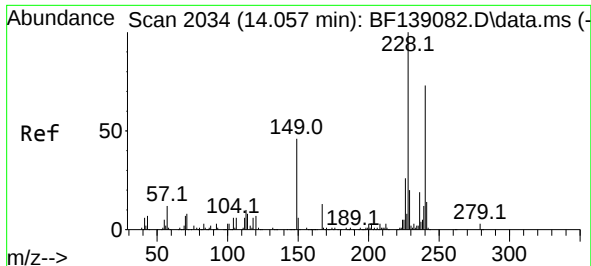
Tgt Ion:198 Resp: 333
Ion Ratio Lower Upper
198 100
51 243.3 40.8 80.8#
105 225.8 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 3.128 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

Tgt Ion:248 Resp: 10412
Ion Ratio Lower Upper
248 100
250 192.1 77.8 116.8#
141 483.7 57.9 86.9#

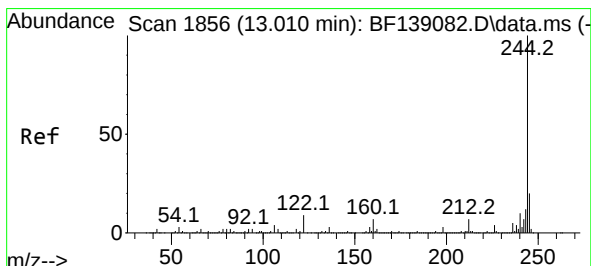
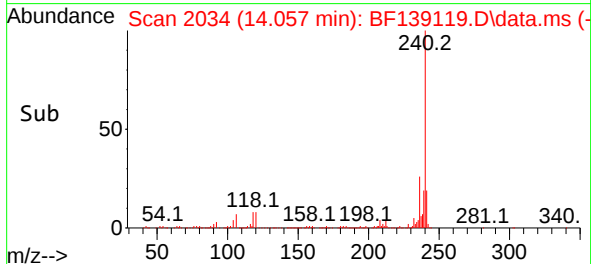
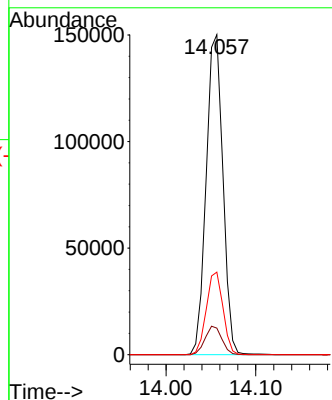
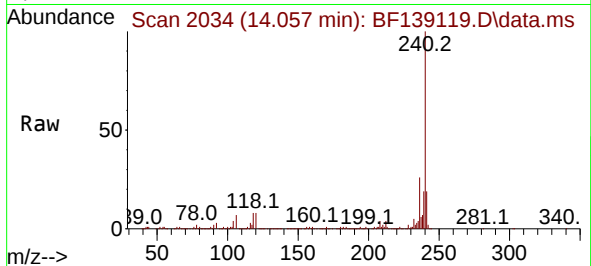




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

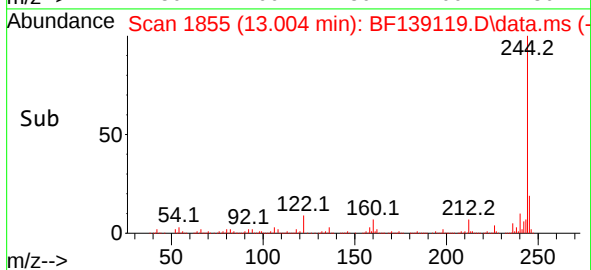
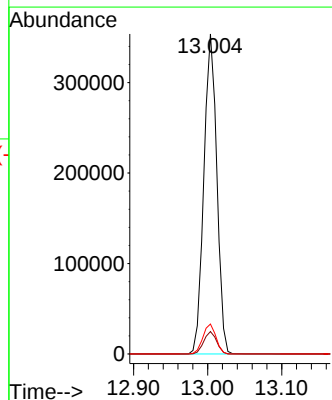
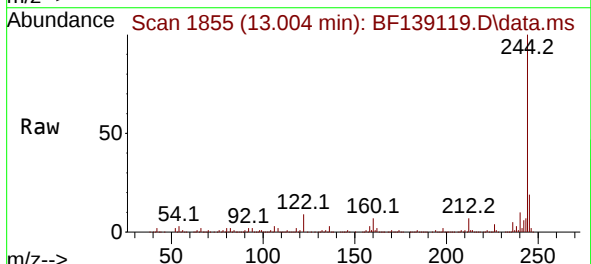
Instrument :
BNA_F
ClientSampleId :
S-907-K1-0.5-1.0-081524

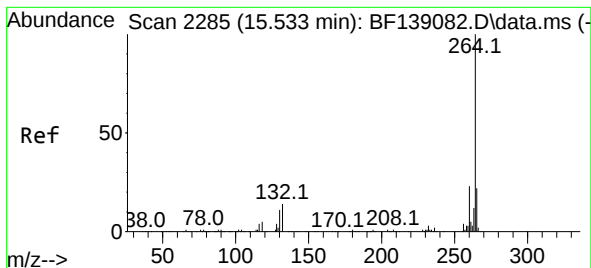
Tgt Ion:240 Resp: 194609
Ion Ratio Lower Upper
240 100
120 8.3 7.8 11.6
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 36.700 ng
RT: 13.004 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

Tgt Ion:244 Resp: 430429
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 9.3 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139119.D

Acq: 22 Aug 2024 13:22

Instrument :

BNA_F

ClientSampleId :

S-907-K1-0.5-1.0-081524

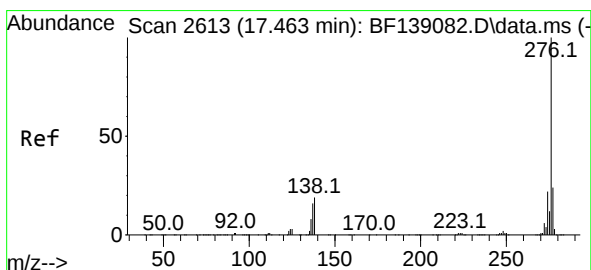
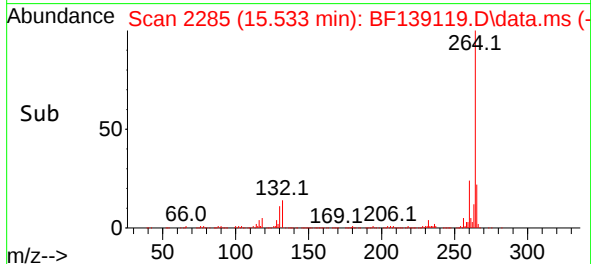
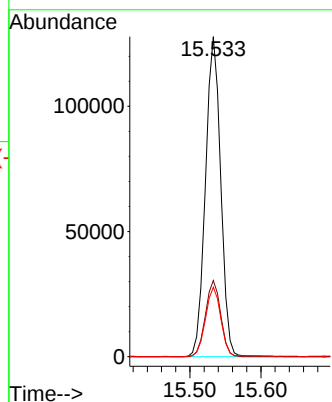
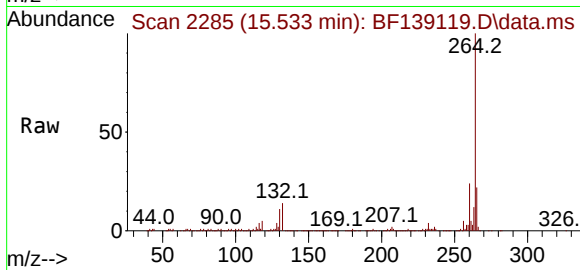
Tgt Ion:264 Resp: 190955

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.7 17.4 26.2



#92

Benzo(g,h,i)perylene

Concen: 3.164 ng

RT: 17.450 min Scan# 2611

Delta R.T. -0.013 min

Lab File: BF139119.D

Acq: 22 Aug 2024 13:22

Tgt Ion:276 Resp: 4115

Ion Ratio Lower Upper

276 100

277 28.3 18.8 28.2#

138 20.8 15.0 22.4

