

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139097.D
 Acq On : 21 Aug 2024 12:51
 Operator : RC/JU
 Sample : P3660-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-906-J-0.5-1-081624

Quant Time: Aug 21 13:13:22 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)

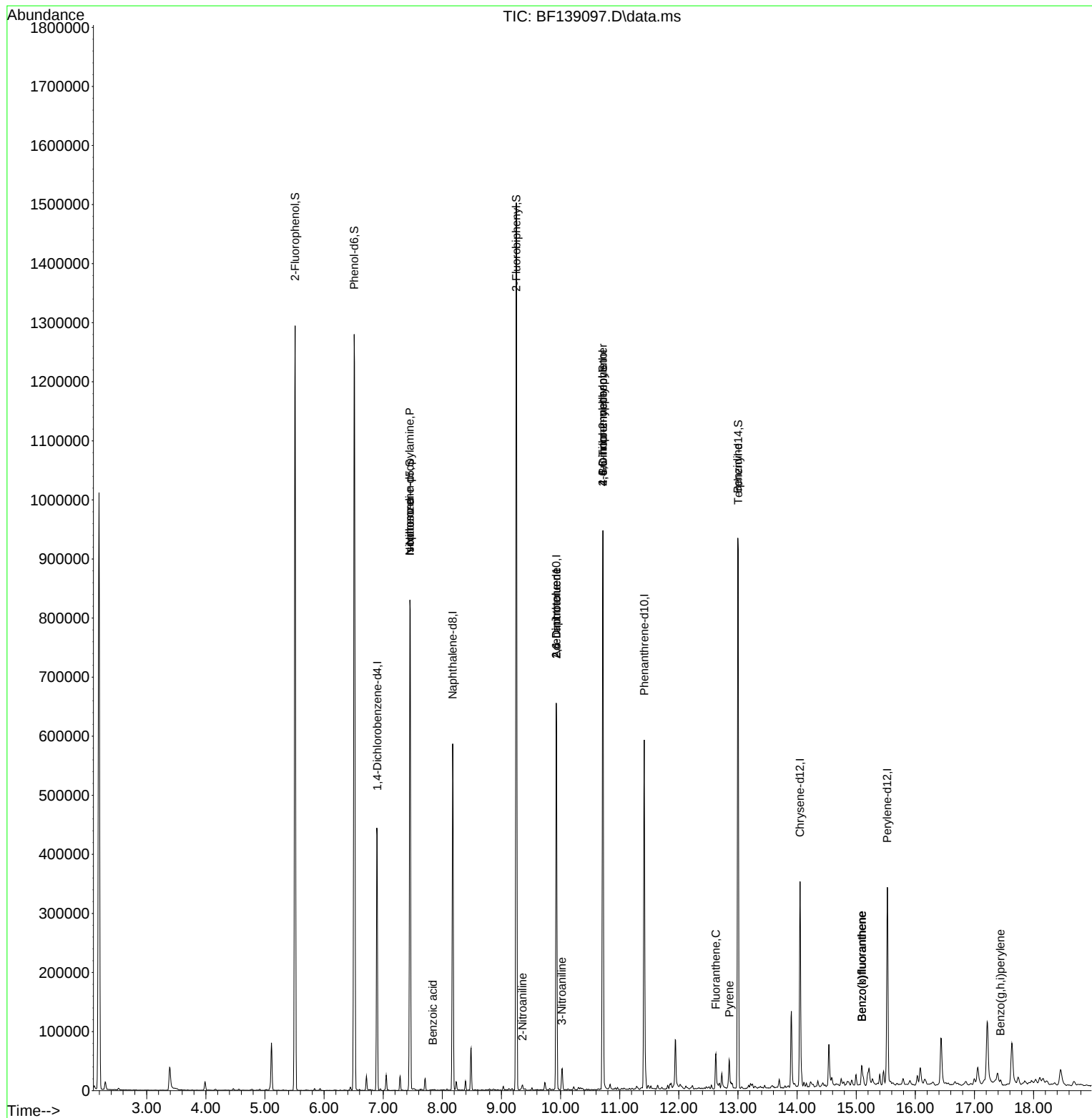
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	86738	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	333593	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	187007	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	293759	20.000	ng	0.00
76) Chrysene-d12	14.051	240	147747	20.000	ng	0.00
86) Perylene-d12	15.527	264	190769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	435645	77.273	ng	0.00
7) Phenol-d6	6.510	99	584259	80.203	ng	-0.01
23) Nitrobenzene-d5	7.451	82	371749	64.935	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	139850	82.607	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	607662	51.555	ng	0.00
79) Terphenyl-d14	13.004	244	452579	50.828	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	50942	10.649	ng	# 82
25) Isophorone	7.451	82	371632	30.541	ng	# 69
32) Benzoic acid	7.839	122	234	8.407	ng	# 76
48) 2-Nitroaniline	9.357	65	209	5.719	ng	# 11
51) 2,6-Dinitrotoluene	9.928	165	23819	13.835	ng	# 16
53) 3-Nitroaniline	10.022	138	125	4.223	ng	# 1
57) 2,4-Dinitrotoluene	9.928	165	23819	12.802	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.716	198	268	6.747	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	9759	3.135	ng	# 1
75) Fluoranthene	12.627	202	32333	2.029	ng	99
77) Benzidine	12.998	184	6161	2.019	ng	# 91
78) Pyrene	12.857	202	26816	2.175	ng	100
88) Benzo(b)fluoranthene	15.098	252	25756	2.071	ng	98
89) Benzo(k)fluoranthene	15.098	252	25756	2.486	ng	98
92) Benzo(g,h,i)perylene	17.439	276	7571	3.475	ng	96

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

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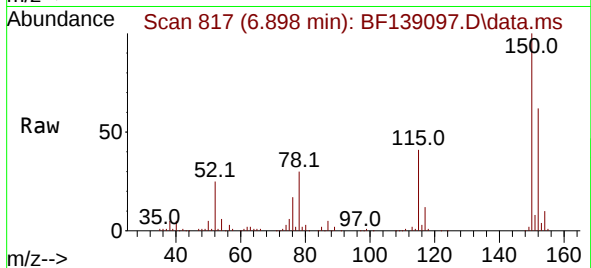
Quant Time: Aug 21 13:13:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
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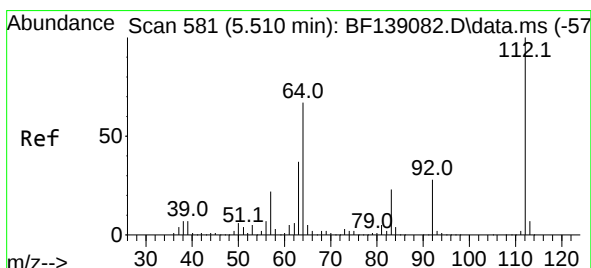
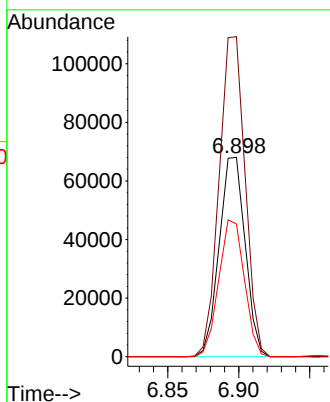
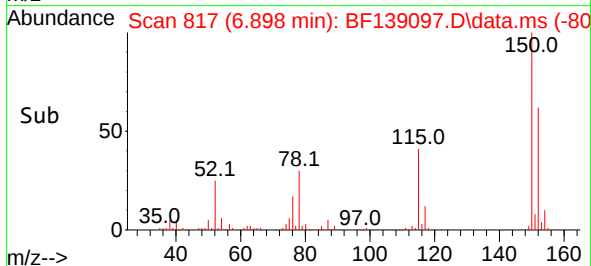


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

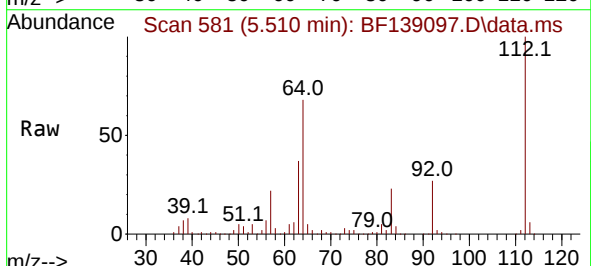
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BNA_F
ClientSampleId :
S-906-J-0.5-1-081624



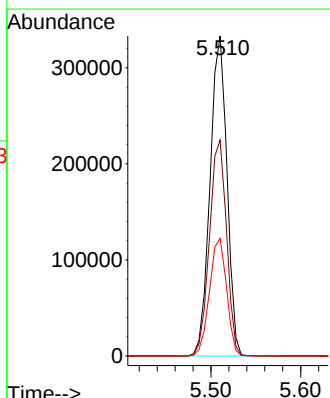
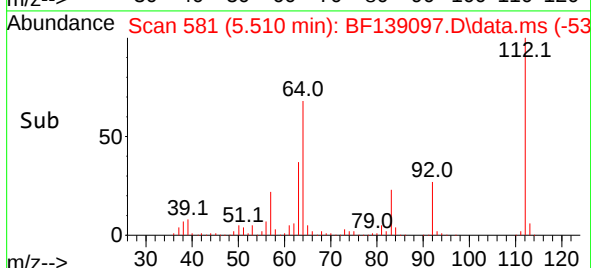
Tgt Ion:152 Resp: 86738
Ion Ratio Lower Upper
152 100
150 160.6 125.1 187.7
115 66.6 51.8 77.6



#5
2-Fluorophenol
Concen: 77.273 ng
RT: 5.510 min Scan# 581
Delta R.T. -0.000 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51



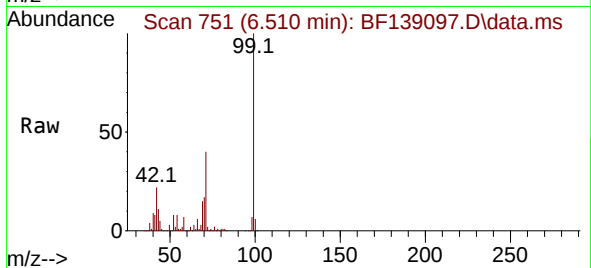
Tgt Ion:112 Resp: 435645
Ion Ratio Lower Upper
112 100
64 67.5 53.8 80.6
63 36.7 29.4 44.2



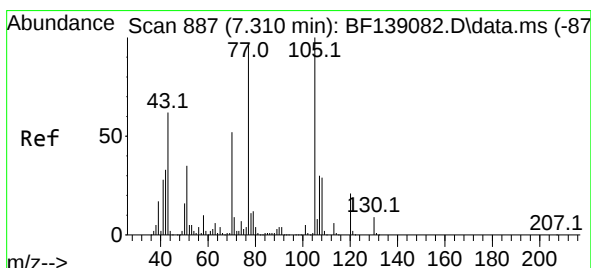
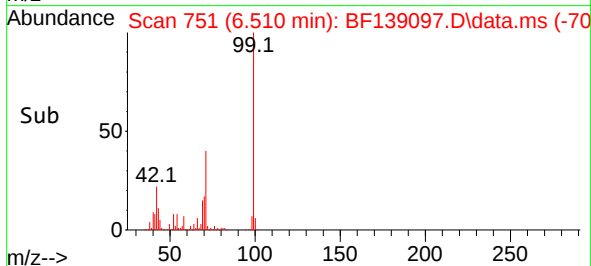
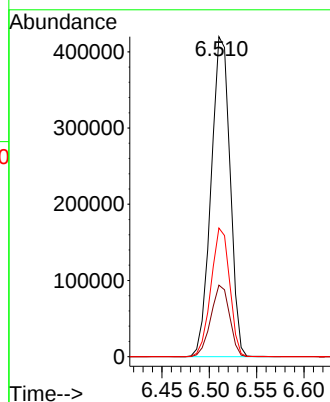


#7
Phenol-d6
Concen: 80.203 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

Instrument :
BNA_F
ClientSampleId :
S-906-J-0.5-1-081624

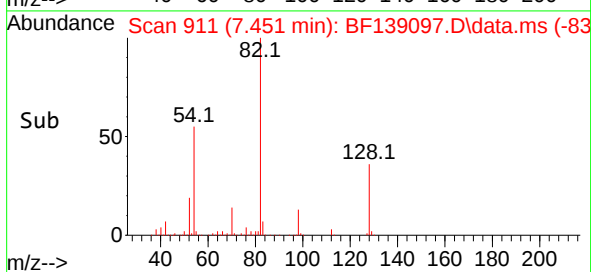
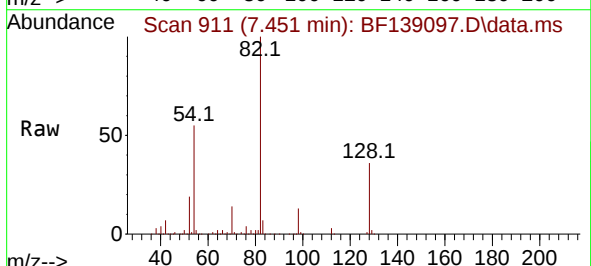
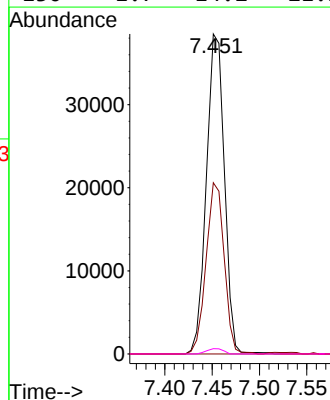


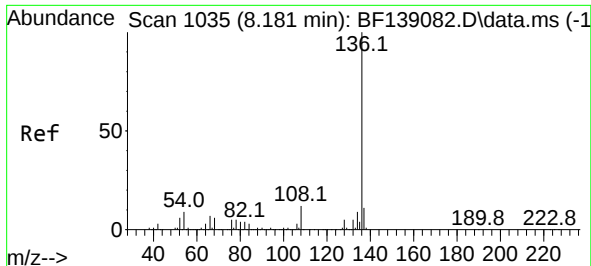
Tgt Ion: 99 Resp: 584259
Ion Ratio Lower Upper
99 100
42 22.3 17.4 26.2
71 40.2 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.649 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

Tgt Ion: 70 Resp: 50942
Ion Ratio Lower Upper
70 100
42 53.5 50.5 75.7
101 0.0 7.2 10.8#
130 1.7 14.2 21.2#

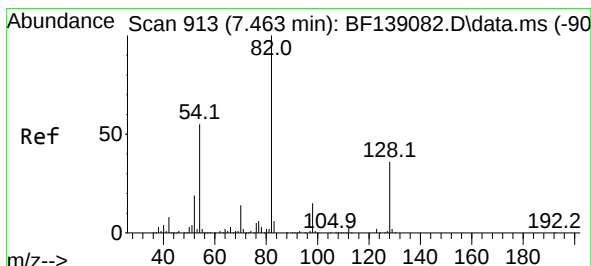
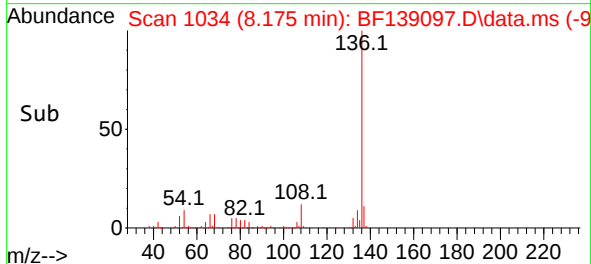
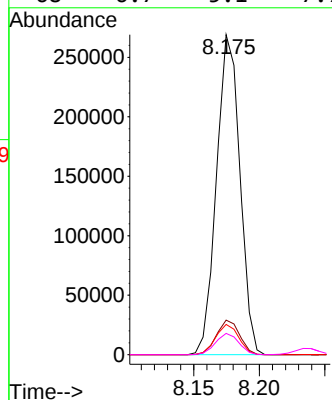
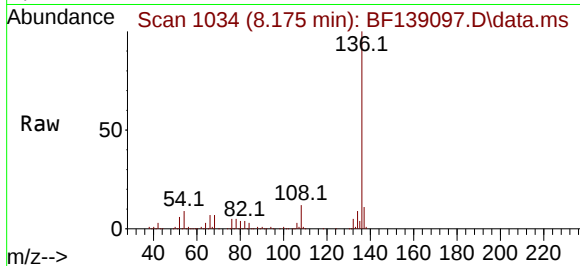




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

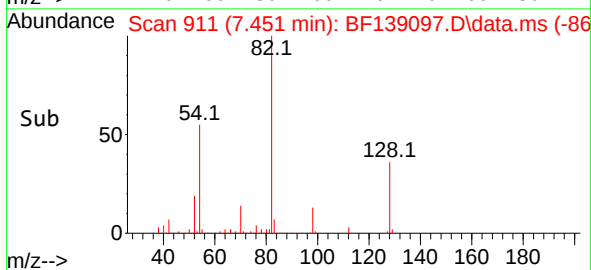
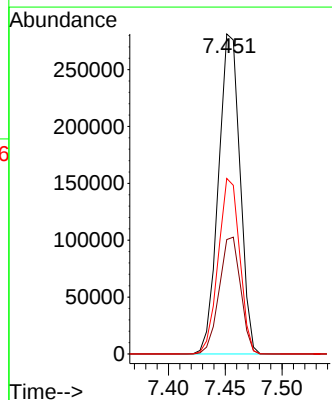
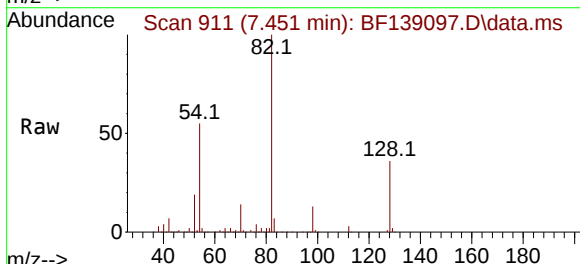
Instrument :
BNA_F
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion:136	Resp: 333593
Ion Ratio	Lower Upper
136 100	
137 10.8	8.7 13.1
54 9.5	7.6 11.4
68 6.7	5.1 7.7



#23
Nitrobenzene-d5
Concen: 64.935 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

Tgt Ion: 82	Resp: 371749
Ion Ratio	Lower Upper
82 100	
128 35.7	29.0 43.4
54 54.8	43.4 65.2

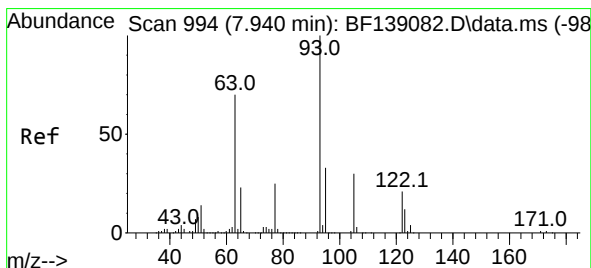
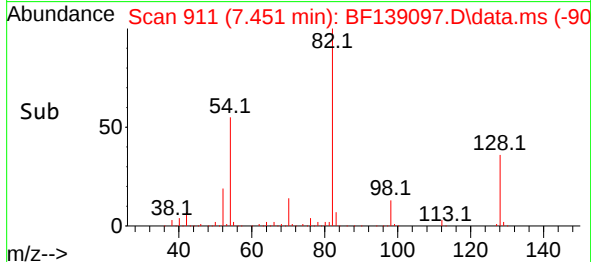
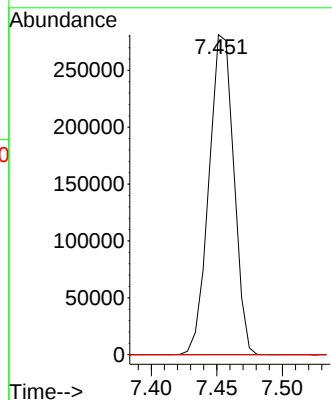
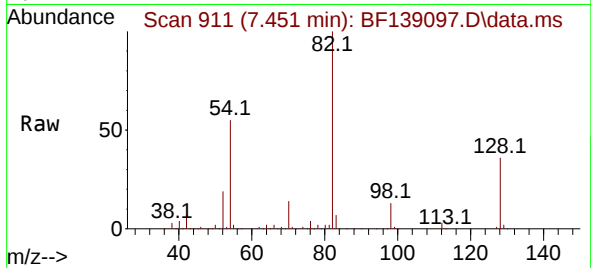




#25
Isophorone
Concen: 30.541 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

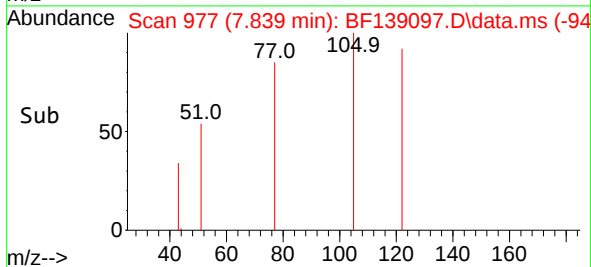
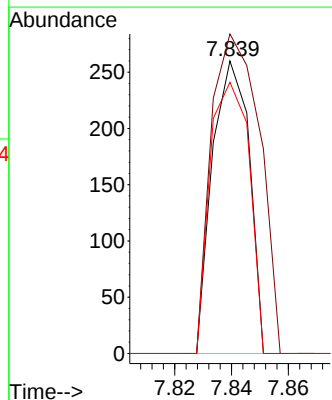
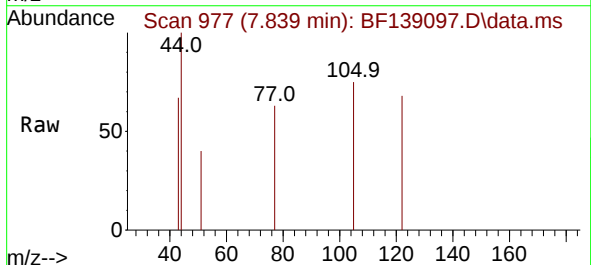
Instrument :
BNA_F
ClientSampleId :
S-906-J-0.5-1-081624

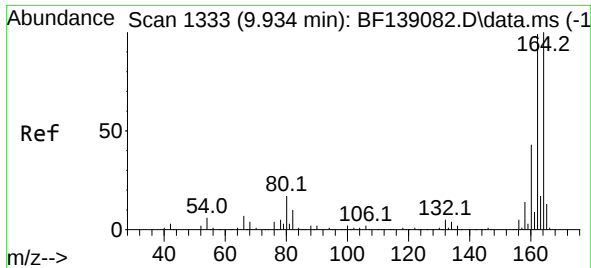
Tgt Ion: 82 Resp: 371632
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 8.407 ng
RT: 7.839 min Scan# 977
Delta R.T. -0.101 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

Tgt Ion:122 Resp: 234
Ion Ratio Lower Upper
122 100
105 109.2 119.6 159.6#
77 92.7 97.6 137.6#

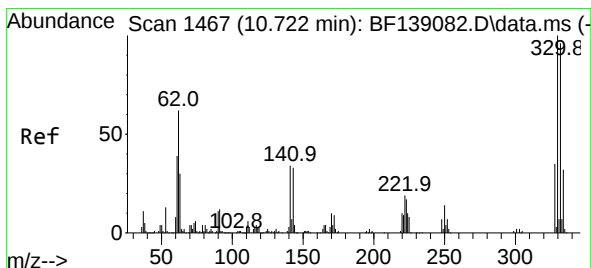
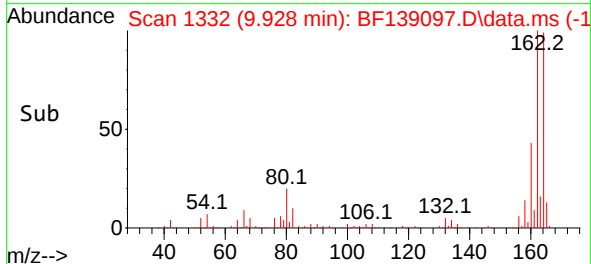
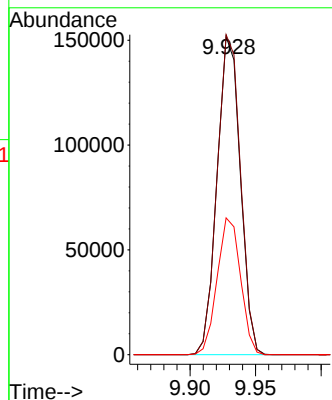
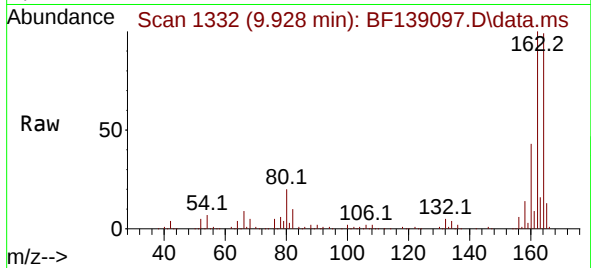




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

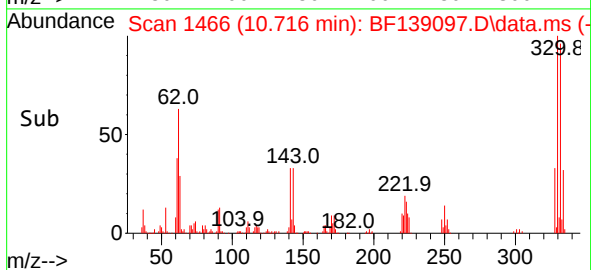
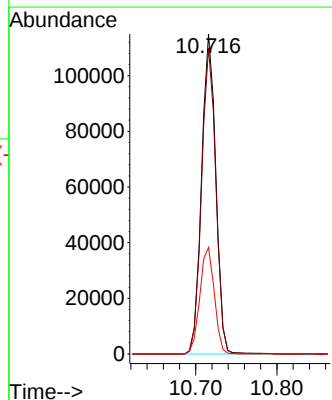
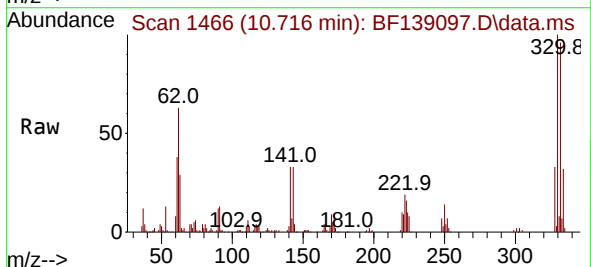
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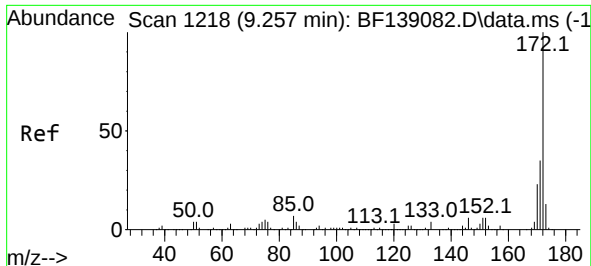
Tgt Ion:164 Resp: 187007
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 43.0 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 82.607 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

Tgt Ion:330 Resp: 139850
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 33.8 27.5 41.3

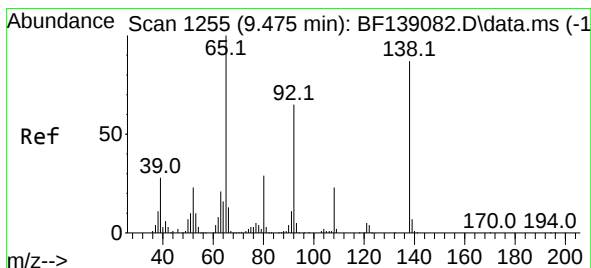
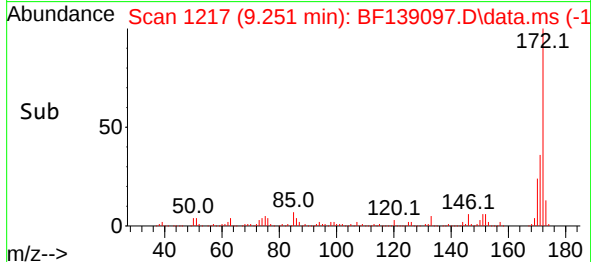
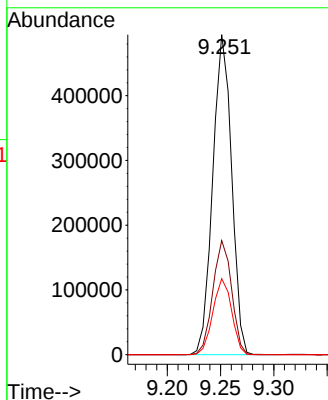
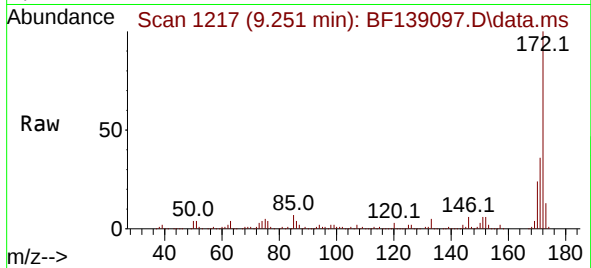




#45
2-Fluorobiphenyl
Concen: 51.555 ng
RT: 9.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

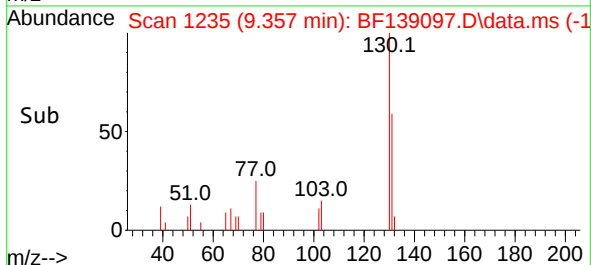
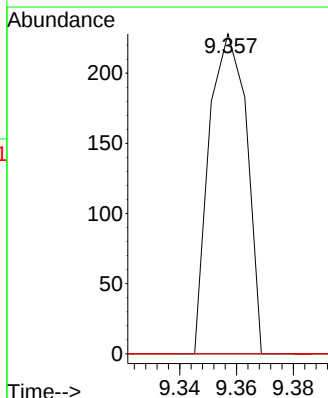
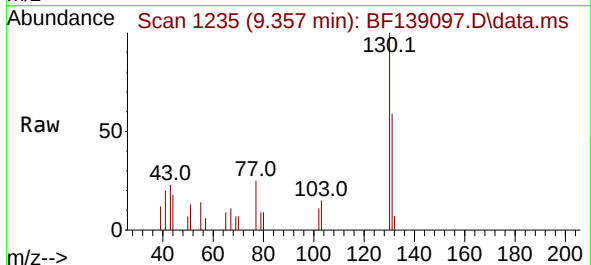
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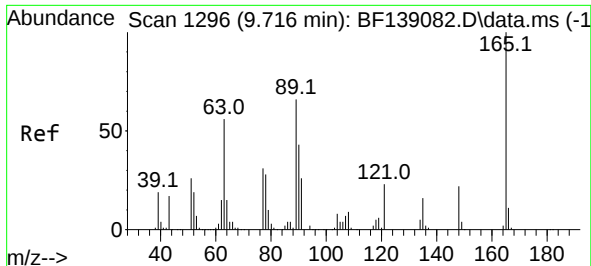
Tgt Ion:172 Resp: 607662
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.7 18.8 28.2



#48
2-Nitroaniline
Concen: 5.719 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.118 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

Tgt Ion: 65 Resp: 209
Ion Ratio Lower Upper
65 100
92 0.0 52.4 78.6#
138 0.0 69.4 104.0#





#51

2,6-Dinitrotoluene

Concen: 13.835 ng

RT: 9.928 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF139097.D

Acq: 21 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

S-906-J-0.5-1-081624

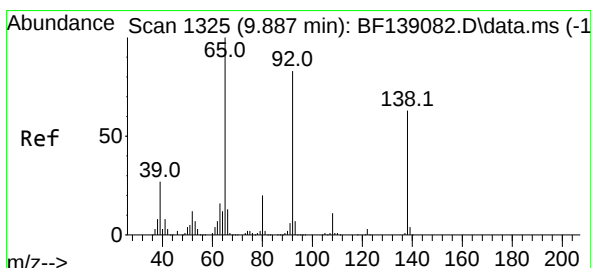
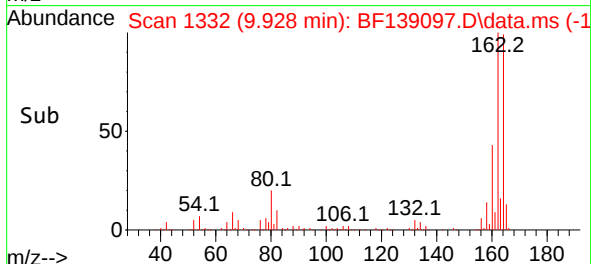
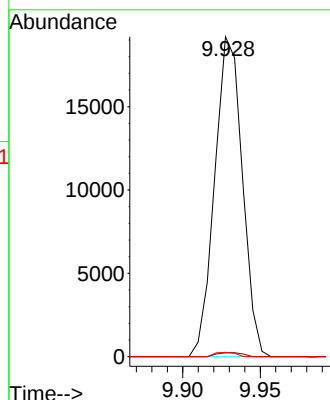
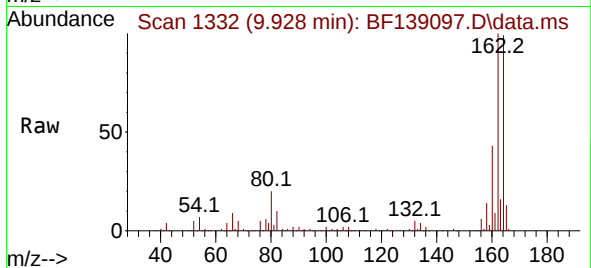
Tgt Ion:165 Resp: 23819

Ion Ratio Lower Upper

165 100

63 1.2 58.0 87.0#

89 1.4 53.3 79.9#



#53

3-Nitroaniline

Concen: 4.223 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.135 min

Lab File: BF139097.D

Acq: 21 Aug 2024 12:51

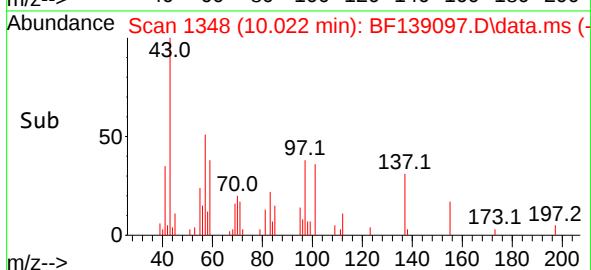
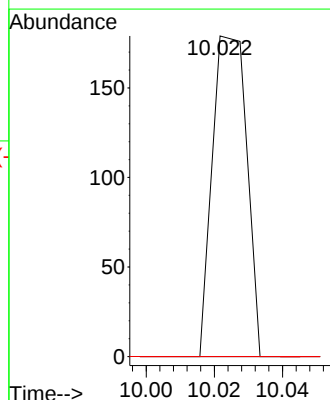
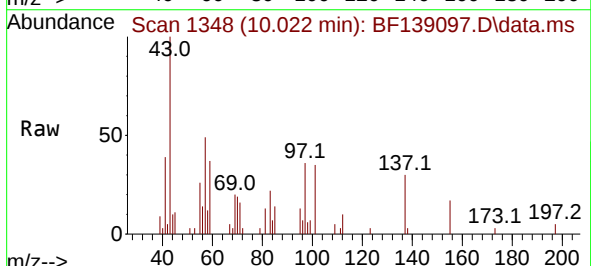
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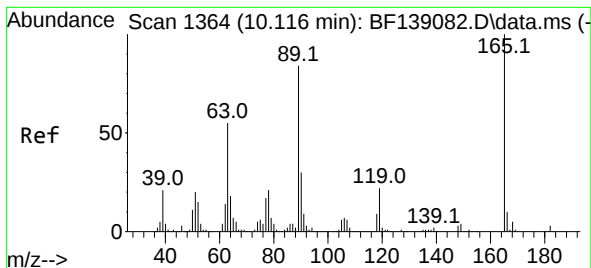
Ion Ratio Lower Upper

138 100

108 0.0 14.6 21.8#

92 0.0 105.9 158.9#

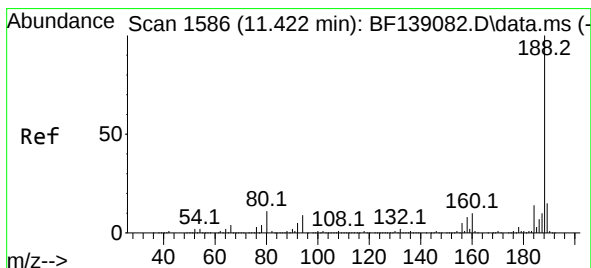
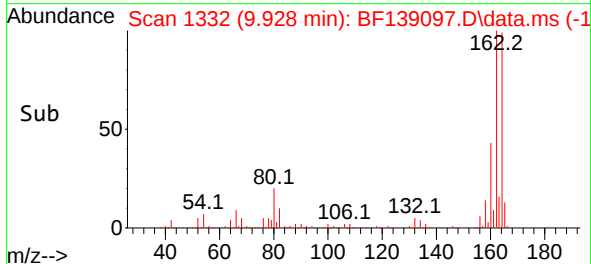
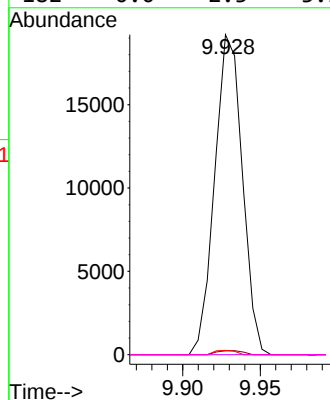
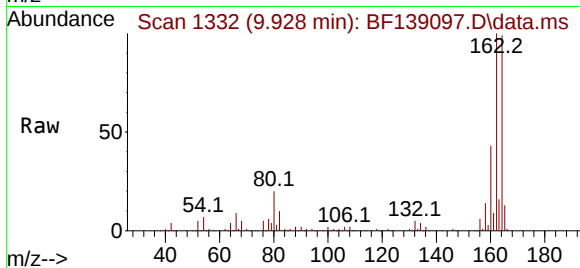




#57
2,4-Dinitrotoluene
Concen: 12.802 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

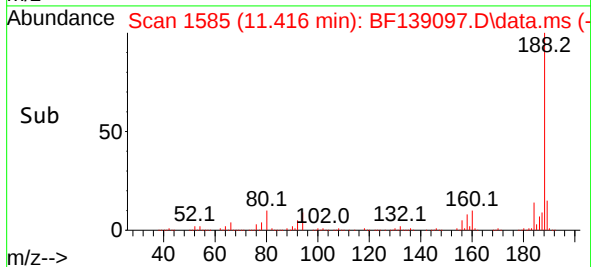
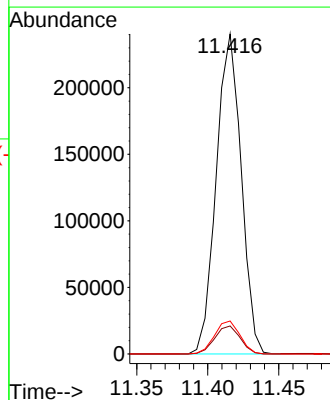
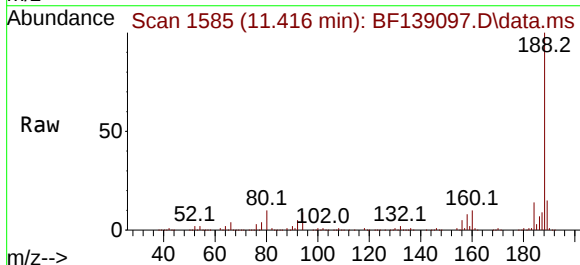
Instrument :
BNA_F
ClientSampleId :
S-906-J-0.5-1-081624

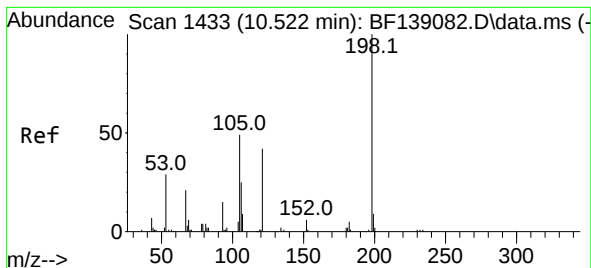
Tgt Ion:165	Resp:	23819
Ion Ratio	Lower	Upper
165	100	
63	1.2	44.2 66.4#
89	1.4	67.4 101.2#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

Tgt Ion:188	Resp:	293759
Ion Ratio	Lower	Upper
188	100	
94	8.8	7.2 10.8
80	10.3	8.5 12.7

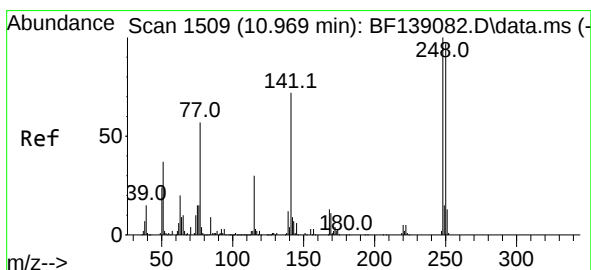
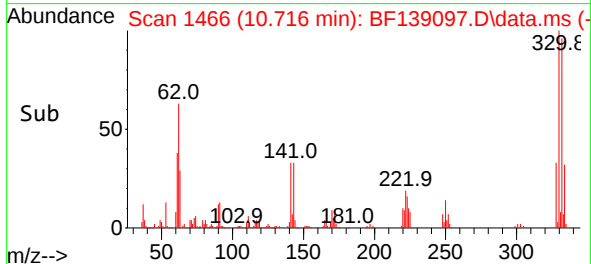
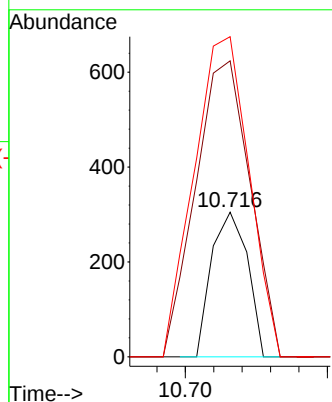
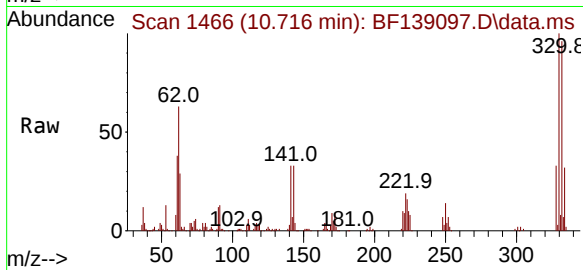




#65
4,6-Dinitro-2-methylphenol
Concen: 6.747 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

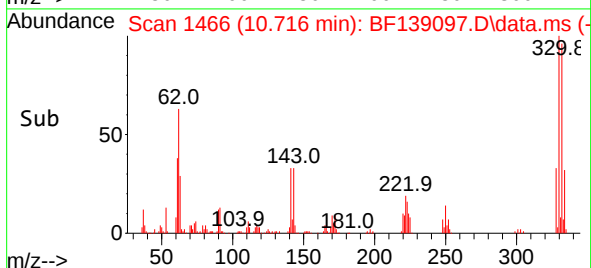
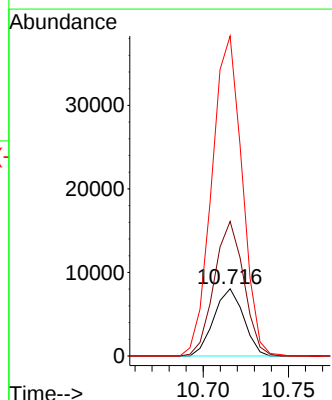
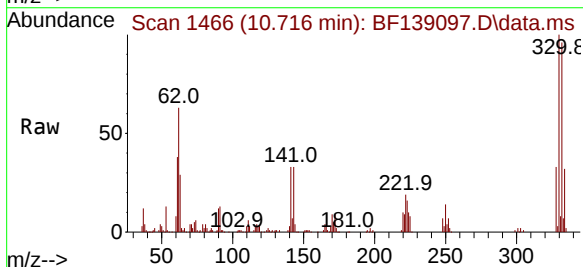
Instrument :
BNA_F
ClientSampleId :
S-906-J-0.5-1-081624

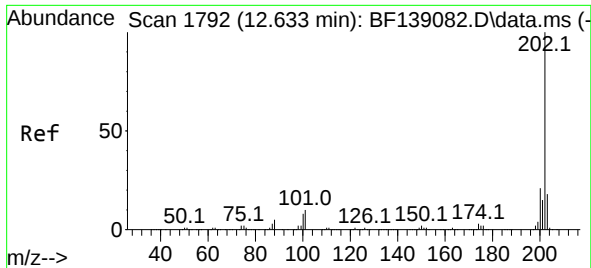
Tgt Ion:	198	Resp:	268
Ion	Ratio	Lower	Upper
198	100		
51	204.6	40.8	80.8#
105	221.3	30.9	70.9#



#67
4-Bromophenyl-phenylether
Concen: 3.135 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

Tgt Ion:	248	Resp:	9759
Ion	Ratio	Lower	Upper
248	100		
250	199.9	77.8	116.8#
141	475.6	57.9	86.9#

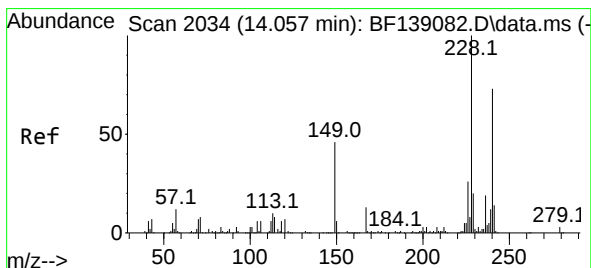
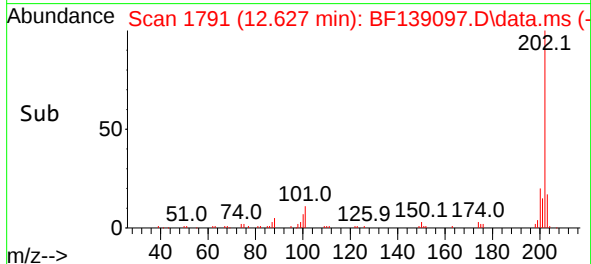
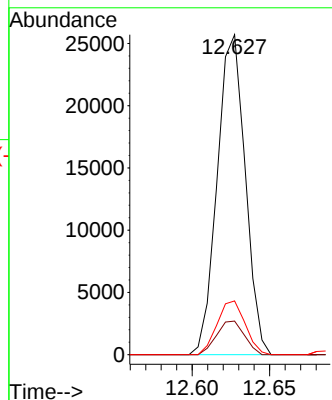
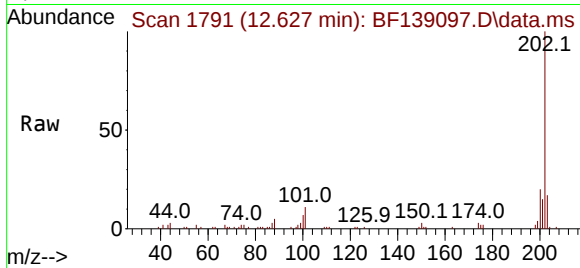




#75
Fluoranthene
Concen: 2.029 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

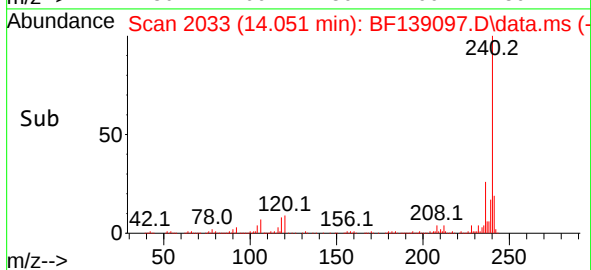
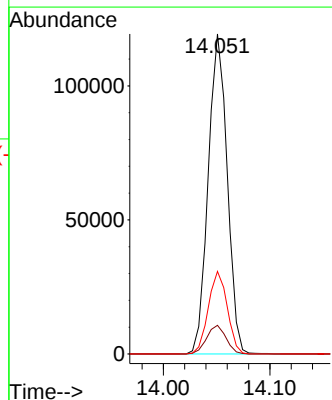
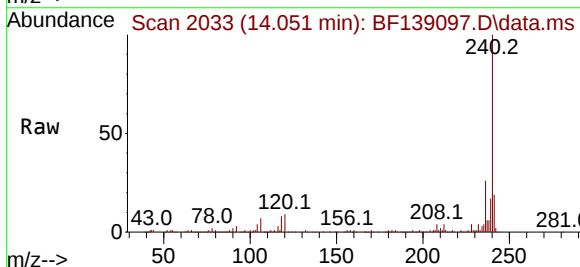
Instrument :
BNA_F
ClientSampleId :
S-906-J-0.5-1-081624

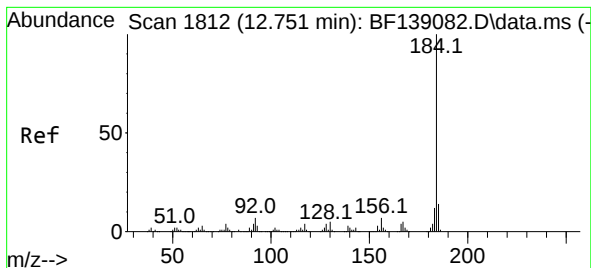
Tgt Ion:202 Resp: 32333
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.2
203 16.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

Tgt Ion:240 Resp: 147747
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 25.8 20.9 31.3





#77

Benzidine

Concen: 2.019 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.247 min

Lab File: BF139097.D

Acq: 21 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

S-906-J-0.5-1-081624

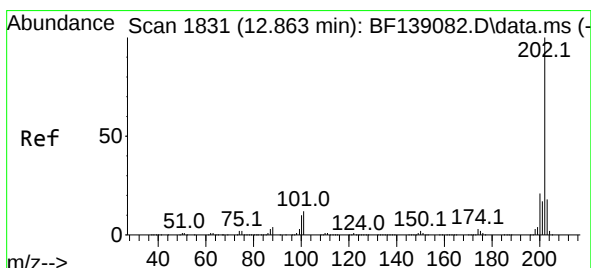
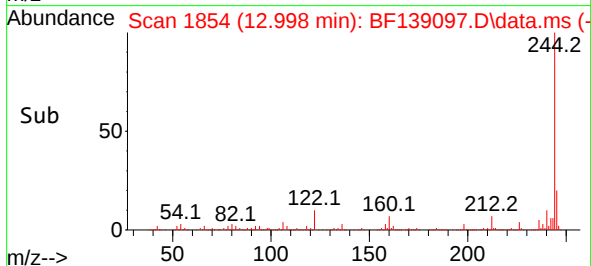
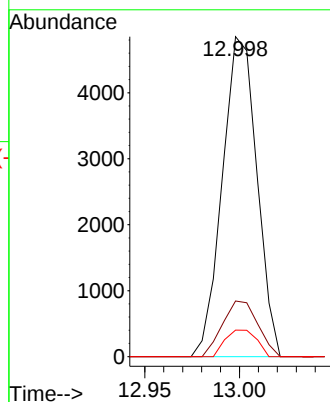
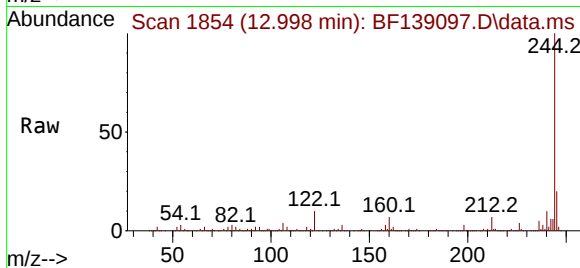
Tgt Ion:184 Resp: 6161

Ion Ratio Lower Upper

184 100

185 17.4 11.5 17.3#

183 8.3 9.8 14.6#



#78

Pyrene

Concen: 2.175 ng

RT: 12.857 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF139097.D

Acq: 21 Aug 2024 12:51

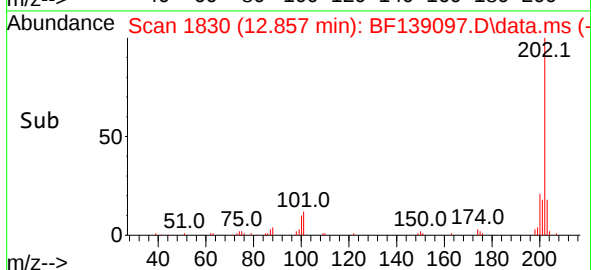
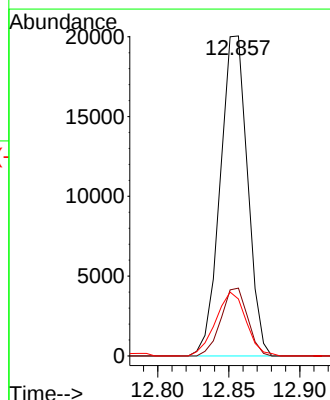
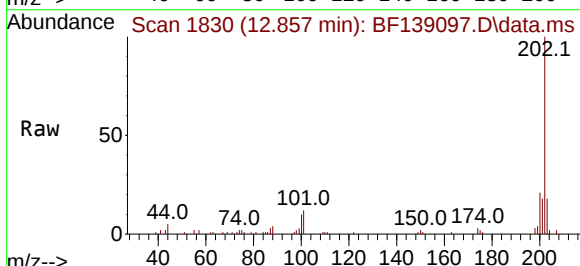
Tgt Ion:202 Resp: 26816

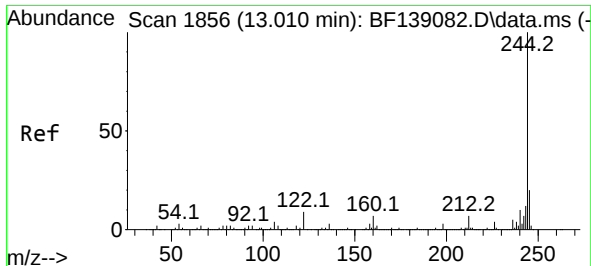
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

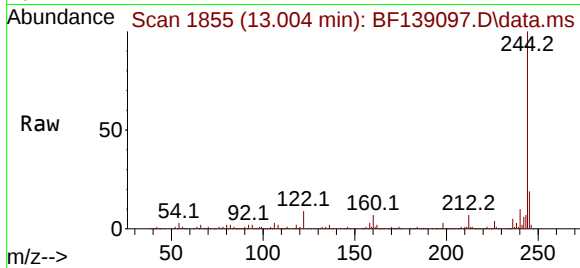
203 17.8 14.1 21.1



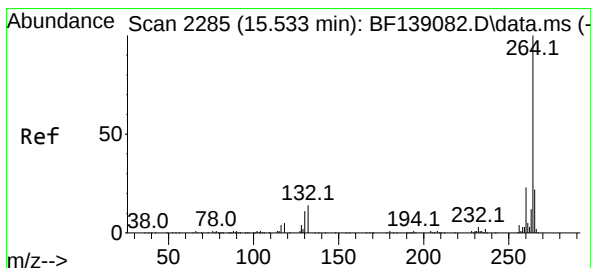
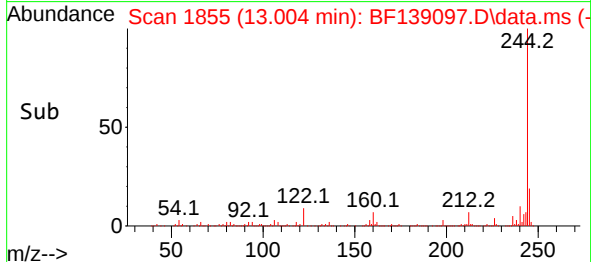
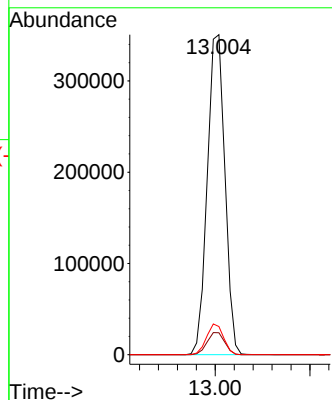


#79
 Terphenyl-d14
 Concen: 50.828 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. -0.006 min
 Lab File: BF139097.D
 Acq: 21 Aug 2024 12:51

Instrument :
 BNA_F
 ClientSampleId :
 S-906-J-0.5-1-081624

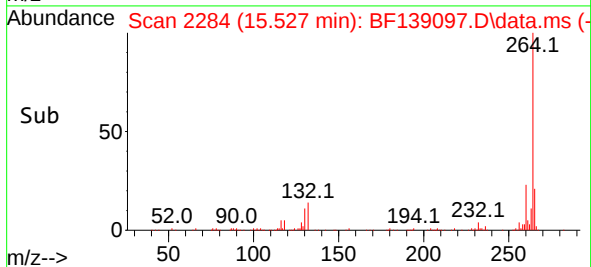
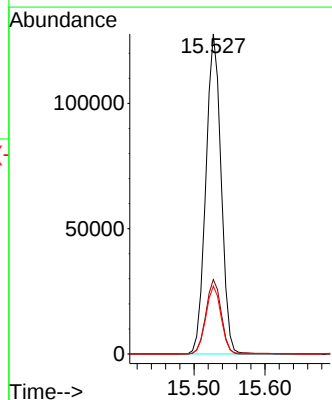
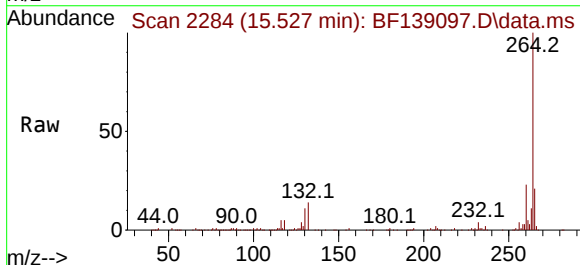


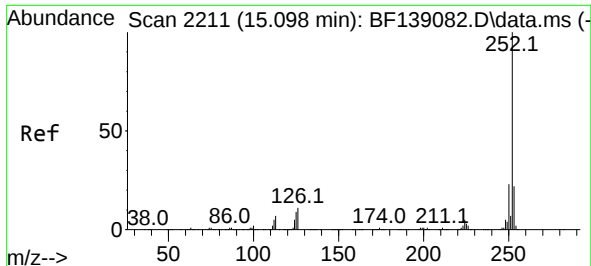
Tgt Ion:244 Resp: 452579
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 8.8 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. -0.006 min
 Lab File: BF139097.D
 Acq: 21 Aug 2024 12:51

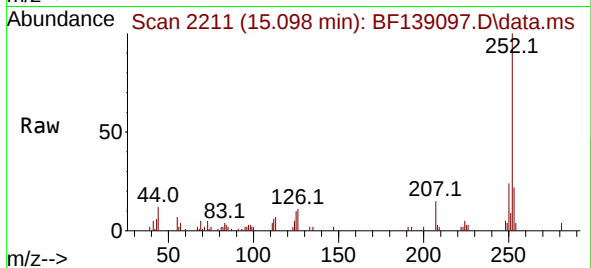
Tgt Ion:264 Resp: 190769
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.2 17.4 26.2



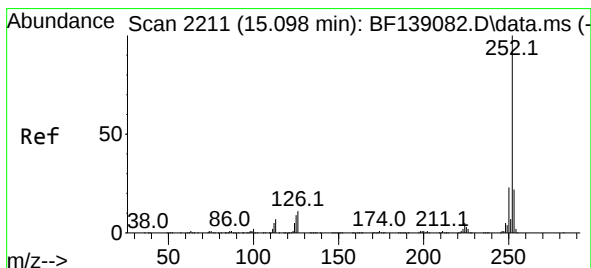
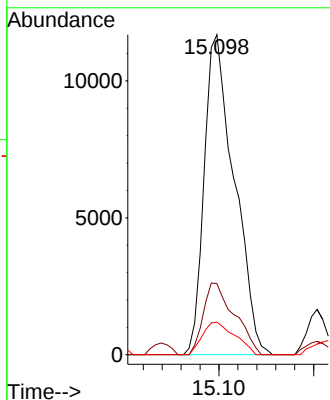
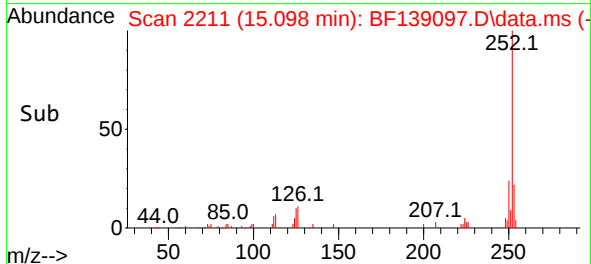


#88
Benzo(b)fluoranthene
Concen: 2.071 ng
RT: 15.098 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

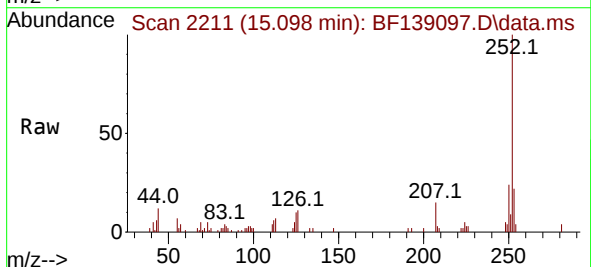
Instrument :
BNA_F
ClientSampleId :
S-906-J-0.5-1-081624



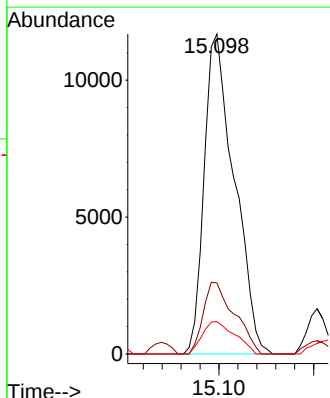
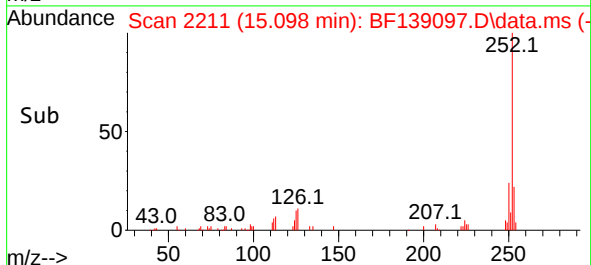
Tgt Ion:252 Resp: 25756
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 10.2 7.0 10.6

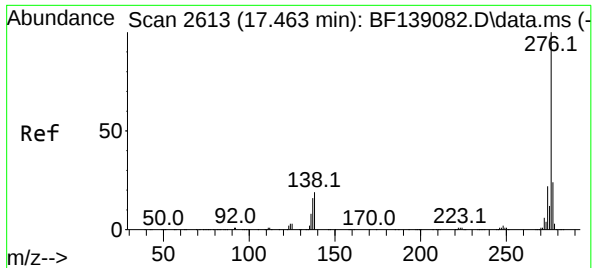


#89
Benzo(k)fluoranthene
Concen: 2.486 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.035 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51



Tgt Ion:252 Resp: 25756
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 10.2 7.0 10.6





#92

Benzo(g,h,i)perylene

Concen: 3.475 ng

RT: 17.439 min Scan# 20

Delta R.T. -0.024 min

Lab File: BF139097.D

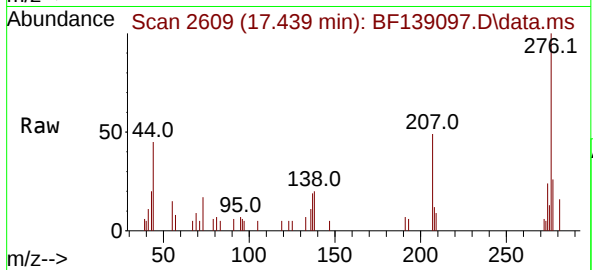
Acq: 21 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

S-906-J-0.5-1-081624



Tgt Ion:276 Resp: 7571

Ion Ratio Lower Upper

276 100

277 25.8 18.8 28.2

138 20.2 15.0 22.4

