

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139140.D
 Acq On : 23 Aug 2024 11:41
 Operator : RC/JU
 Sample : PB162871TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162871TB

Quant Time: Aug 23 12:53:38 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)

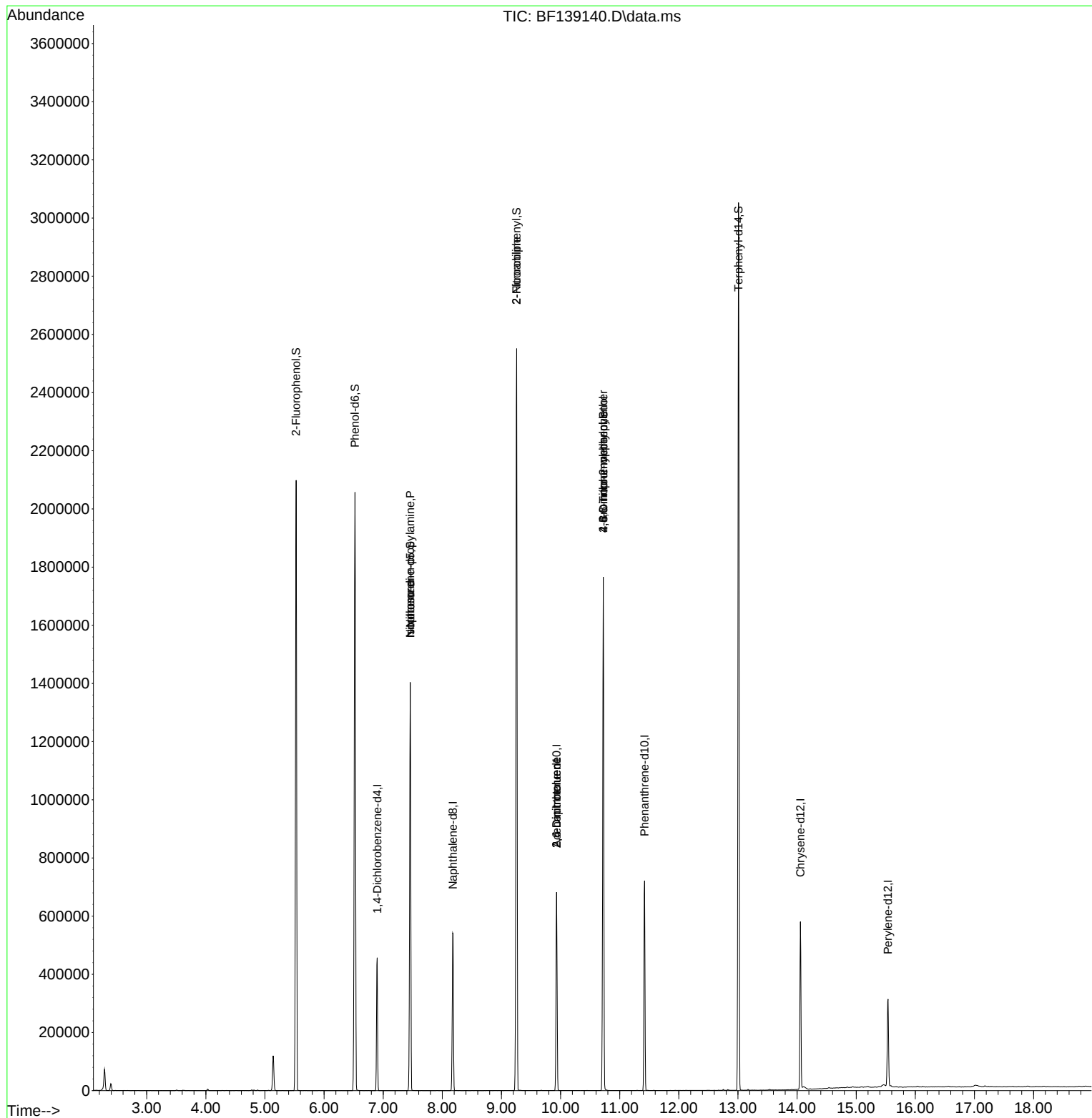
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	90991	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	336793	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	198584	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	371509	20.000	ng	0.00
76) Chrysene-d12	14.057	240	260711	20.000	ng	0.00
86) Perylene-d12	15.539	264	180636	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	743576	125.727	ng	0.02
7) Phenol-d6	6.522	99	979396	128.161	ng	0.00
23) Nitrobenzene-d5	7.457	82	662718	114.660	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	283752	157.837	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1139603	91.050	ng	0.00
79) Terphenyl-d14	13.010	244	1486648	94.618	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.457	70	91741	18.281	ng	# 79
25) Isophorone	7.457	82	660535	53.768	ng	# 69
48) 2-Nitroaniline	9.257	65	2274	6.290	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	25539	13.925	ng	# 17
57) 2,4-Dinitrotoluene	9.933	165	25539	12.872	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.722	198	702	7.038	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	20080	5.101	ng	# 1

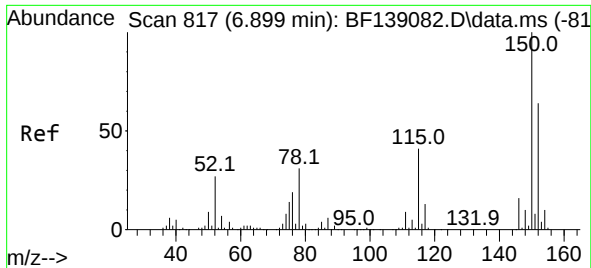
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139140.D
Acq On : 23 Aug 2024 11:41
Operator : RC/JU
Sample : PB162871TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
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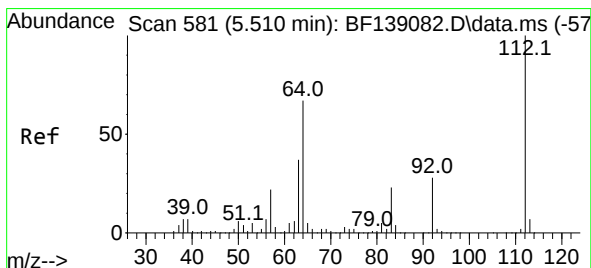
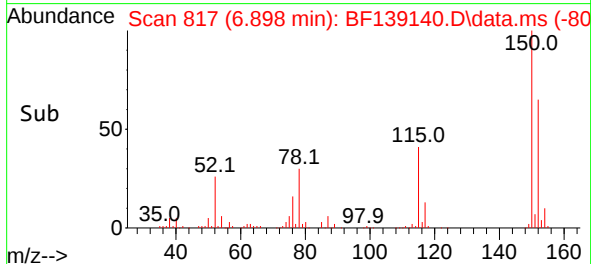
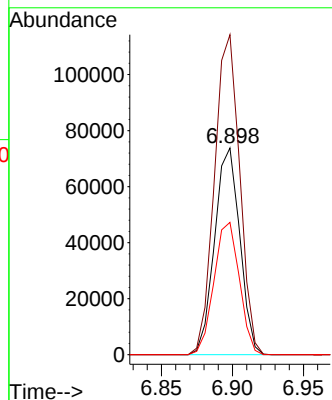
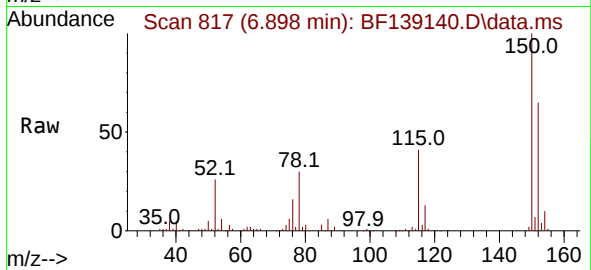




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

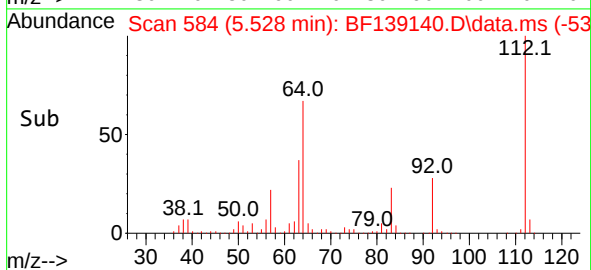
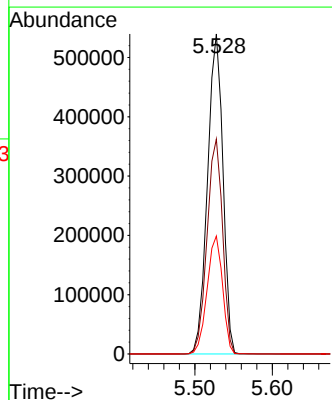
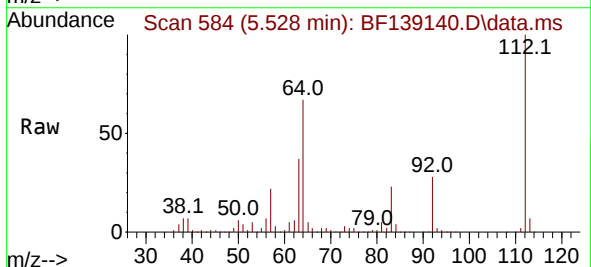
Instrument :
BNA_F
ClientSampleId :
PB162871TB

Tgt Ion:152 Resp: 90991
Ion Ratio Lower Upper
152 100
150 154.8 125.1 187.7
115 64.0 51.8 77.6



#5
2-Fluorophenol
Concen: 125.727 ng
RT: 5.528 min Scan# 584
Delta R.T. 0.017 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

Tgt Ion:112 Resp: 743576
Ion Ratio Lower Upper
112 100
64 67.2 53.8 80.6
63 36.8 29.4 44.2

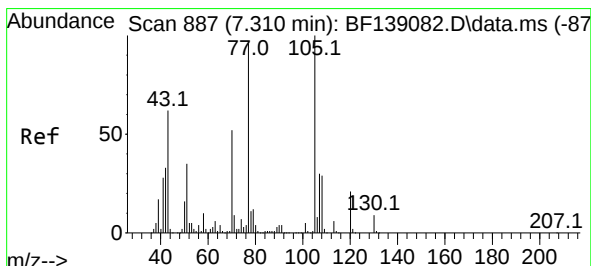
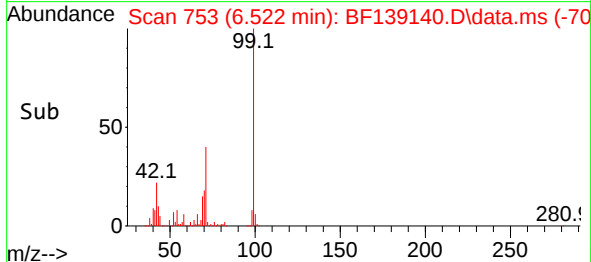
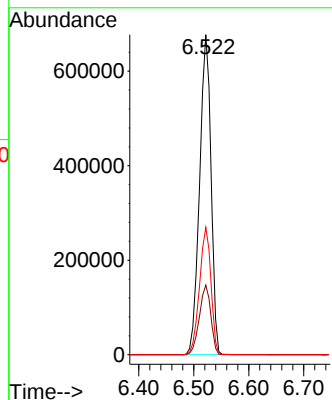
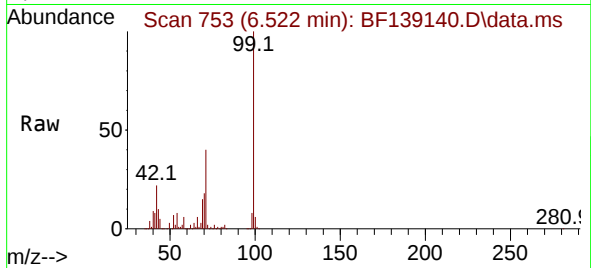




#7
Phenol-d6
Concen: 128.161 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

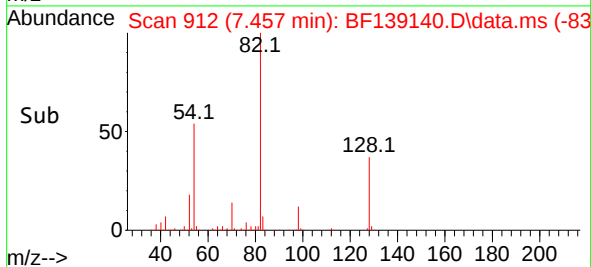
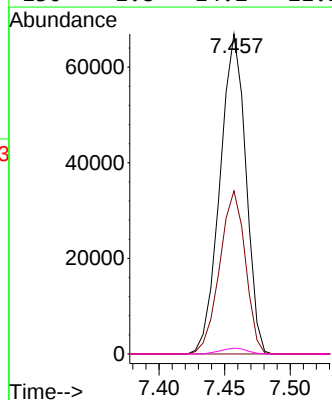
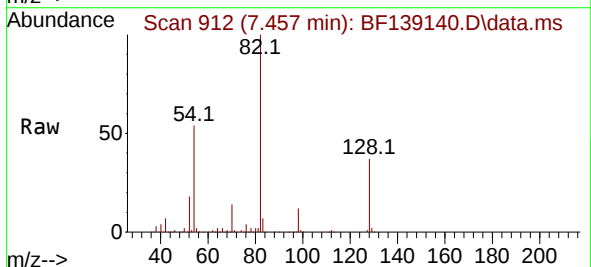
Instrument :
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ClientSampleId :
PB162871TB

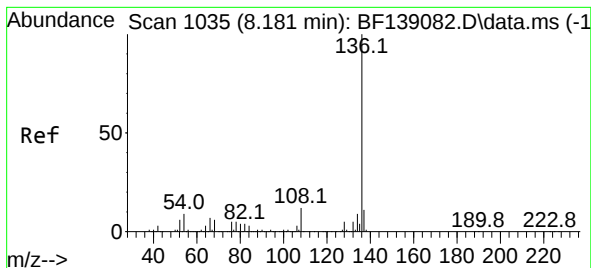
Tgt Ion: 99 Resp: 979396
Ion Ratio Lower Upper
99 100
42 21.7 17.4 26.2
71 39.8 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.281 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

Tgt Ion: 70 Resp: 91741
Ion Ratio Lower Upper
70 100
42 51.0 50.5 75.7
101 0.0 7.2 10.8#
130 1.8 14.2 21.2#



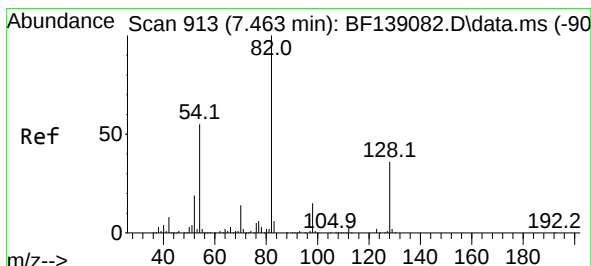
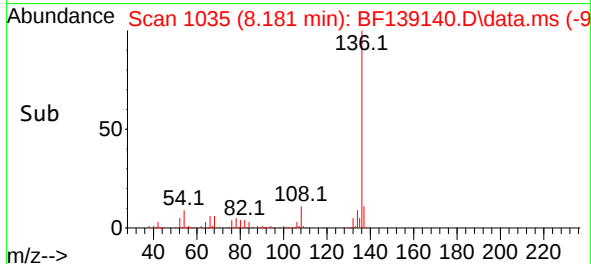
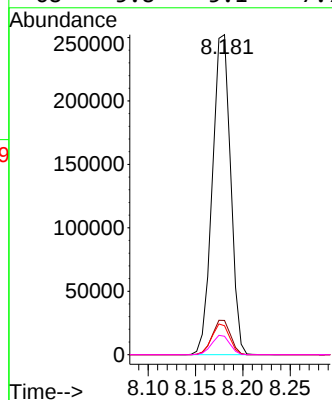
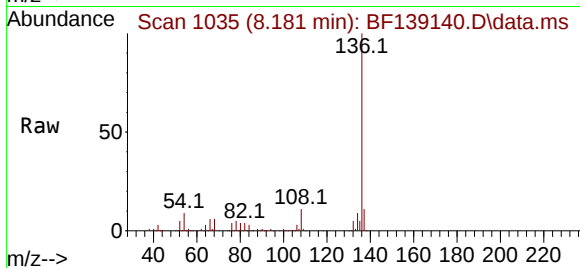


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

Instrument :
BNA_F
ClientSampleId :
PB162871TB

Tgt Ion:136 Resp: 336793

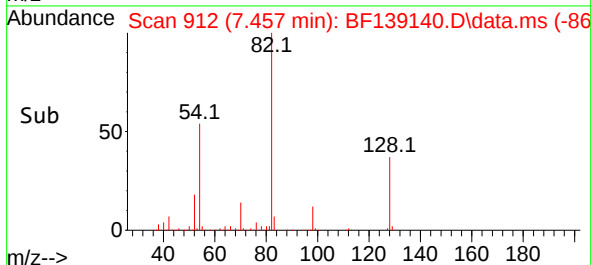
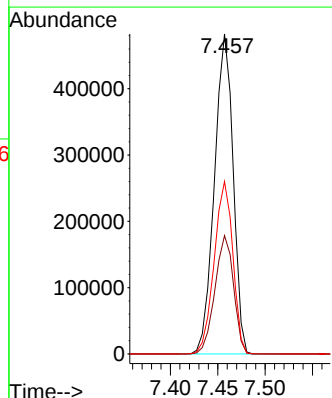
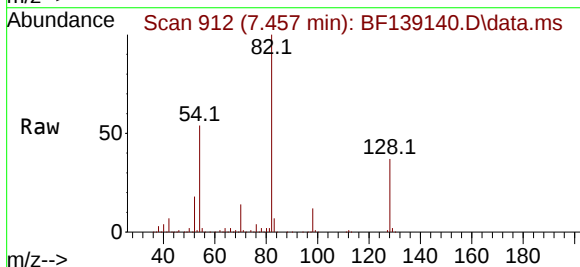
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.0	7.6	11.4
68	5.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 114.660 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

Tgt Ion: 82 Resp: 662718

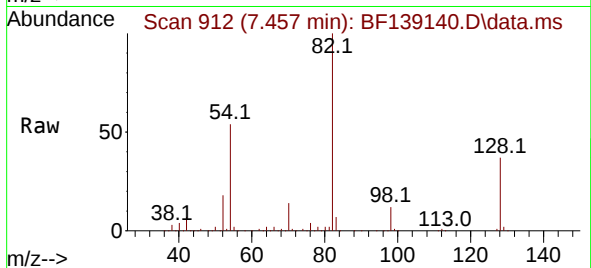
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.0	43.4
54	53.9	43.4	65.2



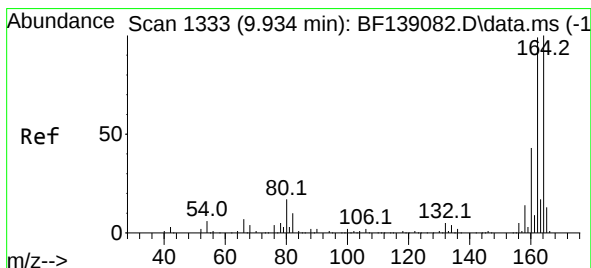
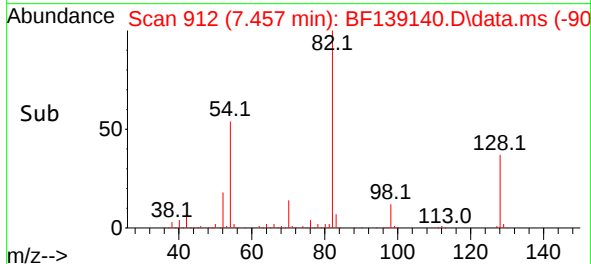
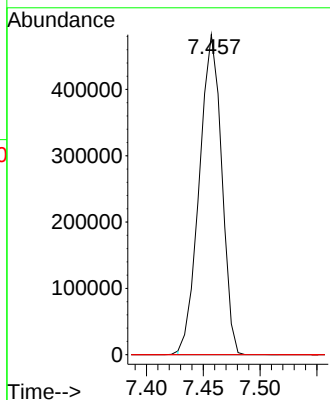


#25
Isophorone
Concen: 53.768 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

Instrument :
BNA_F
ClientSampleId :
PB162871TB

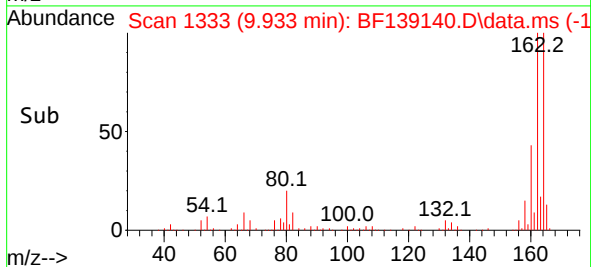
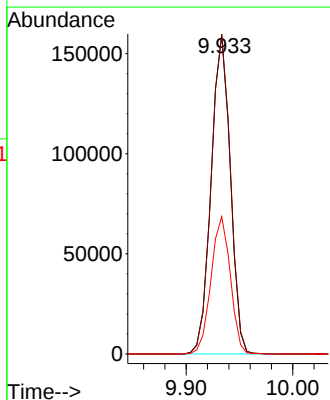
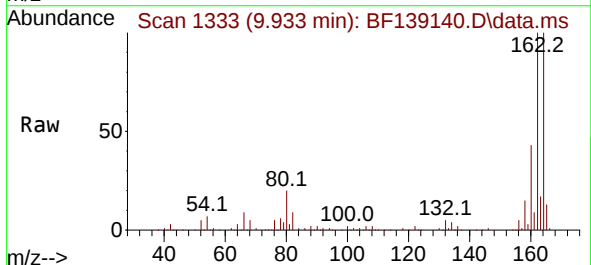


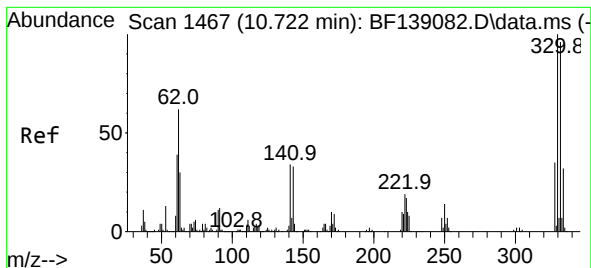
Tgt Ion: 82 Resp: 660535
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.001 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

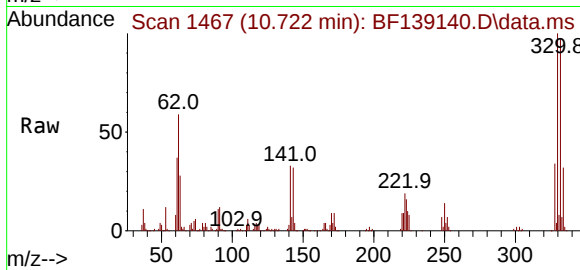
Tgt Ion:164 Resp: 198584
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 43.1 34.5 51.7



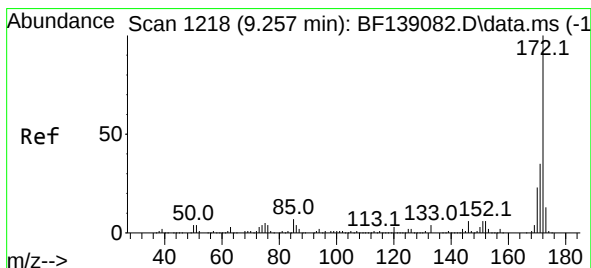
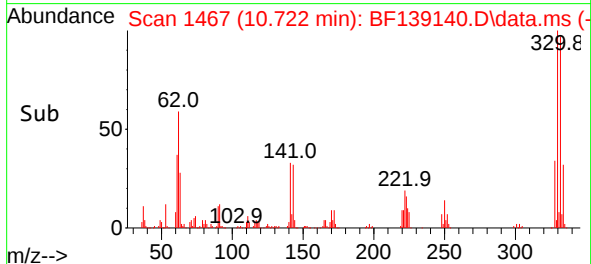
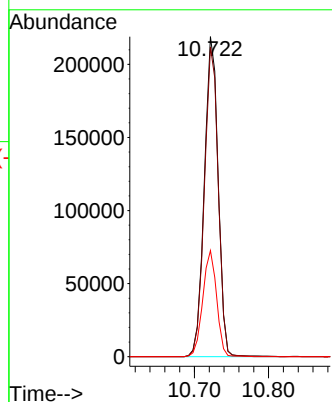


#42
2,4,6-Tribromophenol
Concen: 157.837 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

Instrument :
BNA_F
ClientSampleId :
PB162871TB

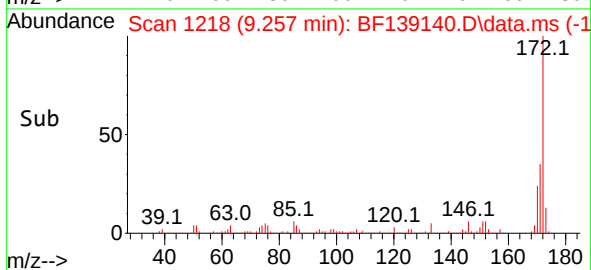
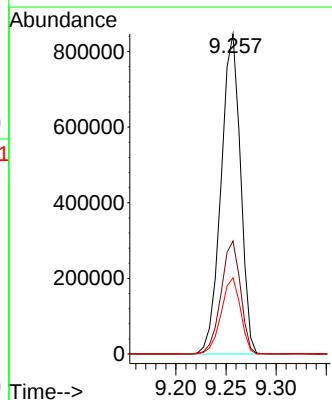
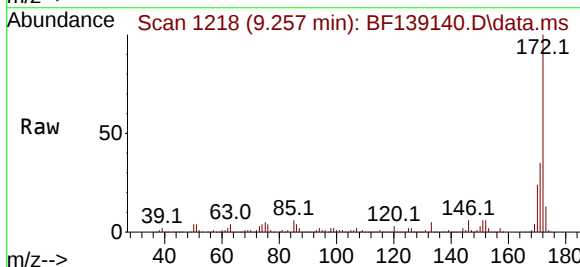


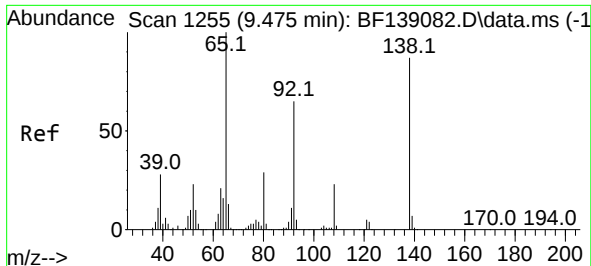
Tgt Ion:330 Resp: 283752
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 33.2 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 91.050 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

Tgt Ion:172 Resp: 1139603
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.8 18.8 28.2

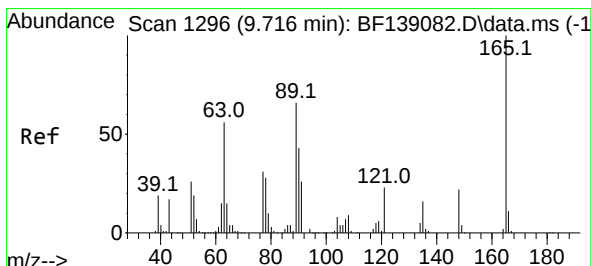
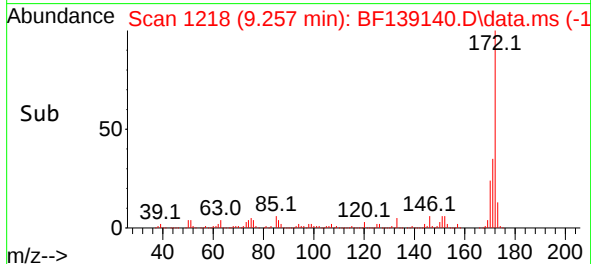
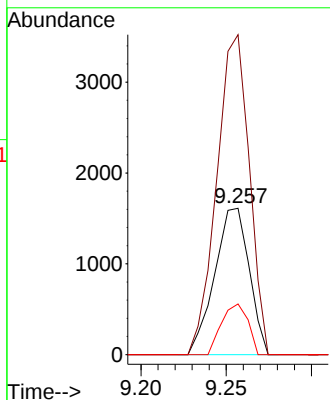
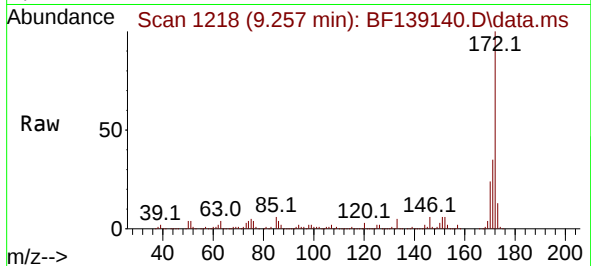




#48
2-Nitroaniline
Concen: 6.290 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

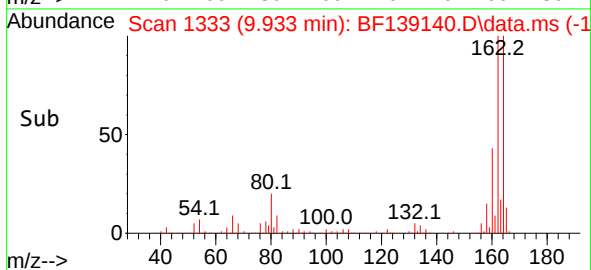
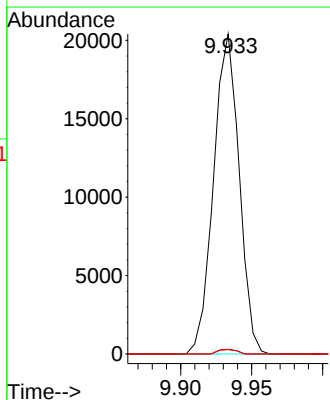
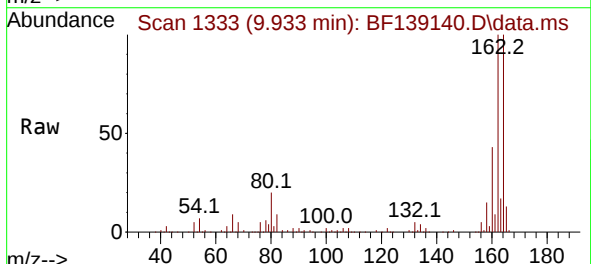
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ClientSampleId :
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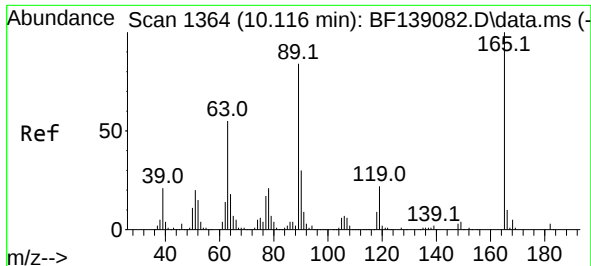
Tgt Ion: 65 Resp: 2274
Ion Ratio Lower Upper
65 100
92 218.7 52.4 78.6#
138 34.7 69.4 104.0#



#51
2,6-Dinitrotoluene
Concen: 13.925 ng
RT: 9.933 min Scan# 1333
Delta R.T. 0.217 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

Tgt Ion:165 Resp: 25539
Ion Ratio Lower Upper
165 100
63 1.5 58.0 87.0#
89 1.4 53.3 79.9#

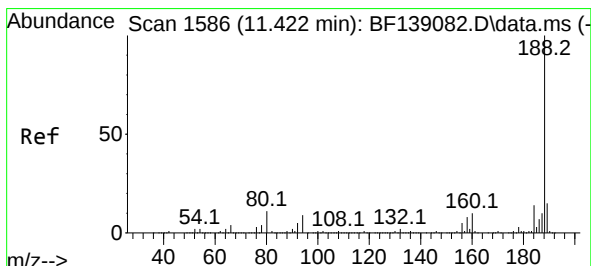
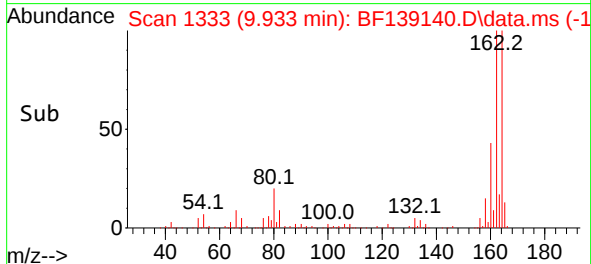
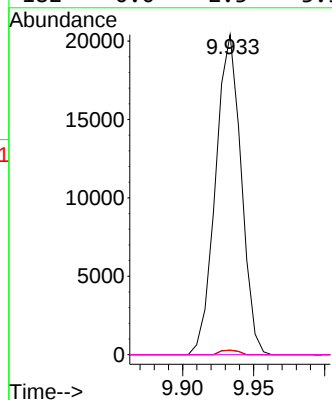
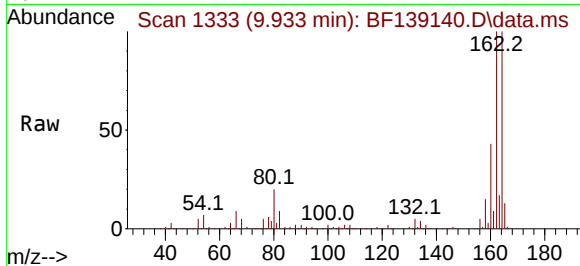




#57
2,4-Dinitrotoluene
Concen: 12.872 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.183 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

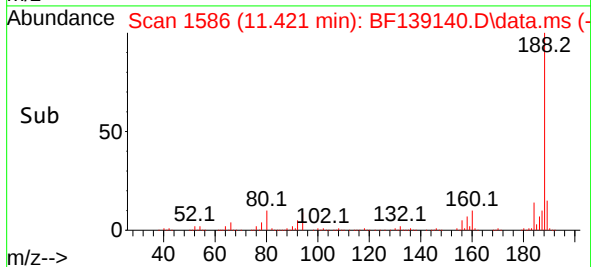
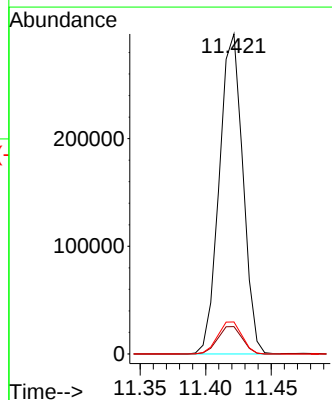
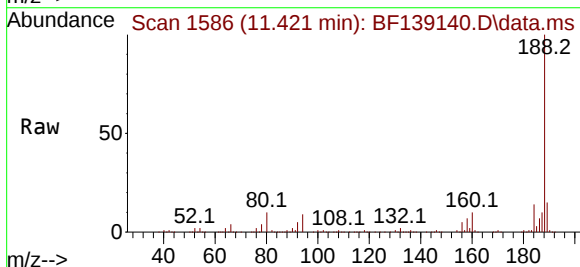
Instrument :
BNA_F
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PB162871TB

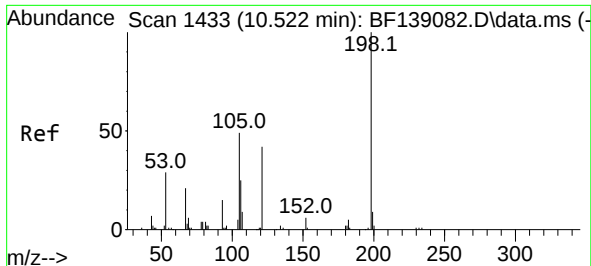
Tgt Ion:165 Resp: 25539
Ion Ratio Lower Upper
165 100
63 1.5 44.2 66.4#
89 1.4 67.4 101.2#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

Tgt Ion:188 Resp: 371509
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 10.0 8.5 12.7

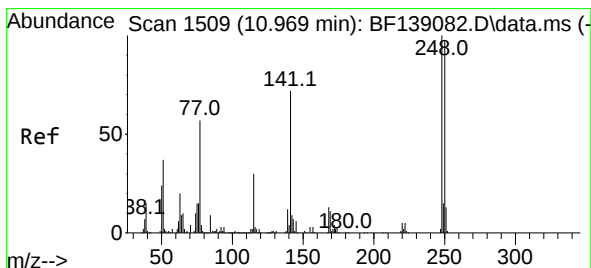
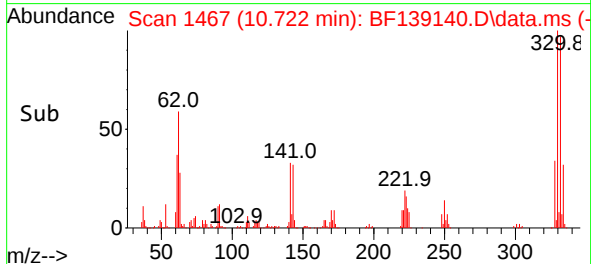
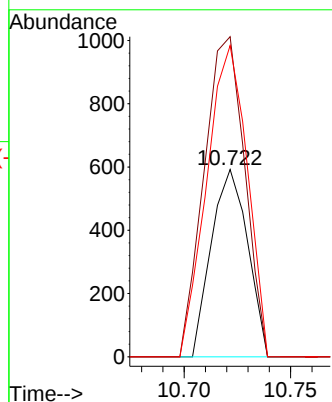
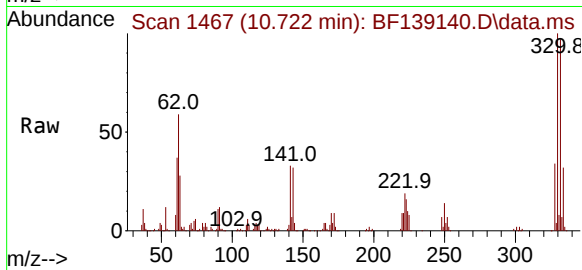




#65
4,6-Dinitro-2-methylphenol
Concen: 7.038 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.200 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

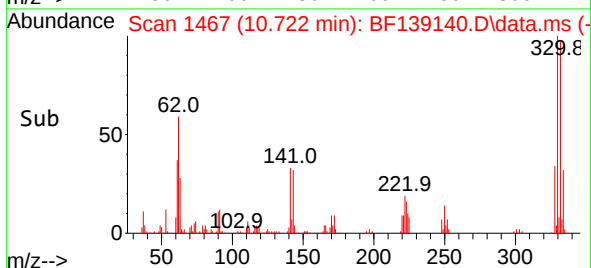
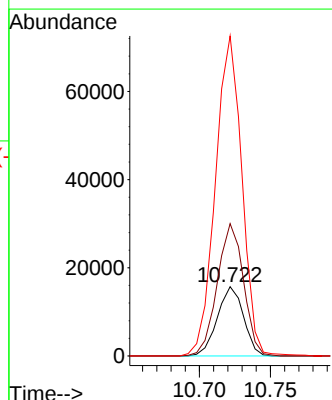
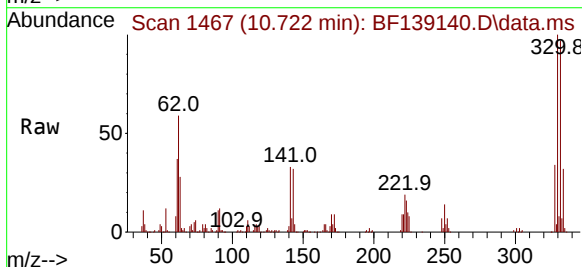
Instrument :
BNA_F
ClientSampleId :
PB162871TB

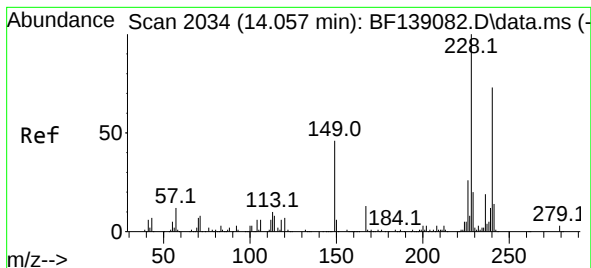
Tgt Ion:198 Resp: 702
Ion Ratio Lower Upper
198 100
51 170.9 40.8 80.8#
105 166.2 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 5.101 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

Tgt Ion:248 Resp: 20080
Ion Ratio Lower Upper
248 100
250 190.8 77.8 116.8#
141 461.3 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: BF139140.D

Acq: 23 Aug 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB162871TB

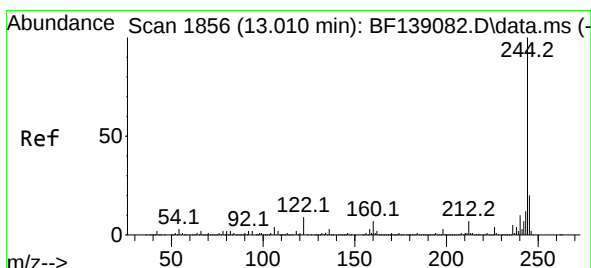
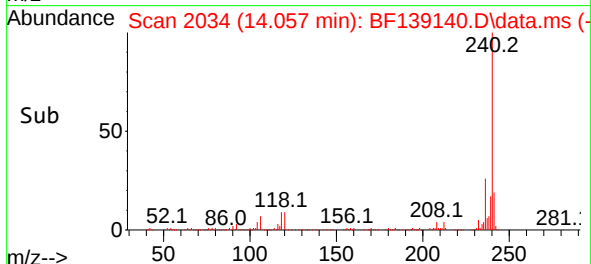
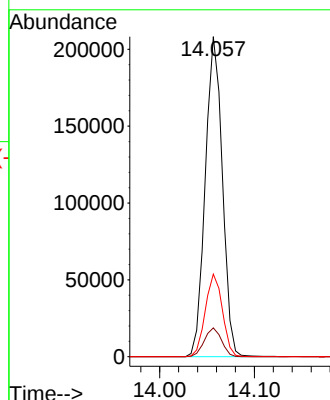
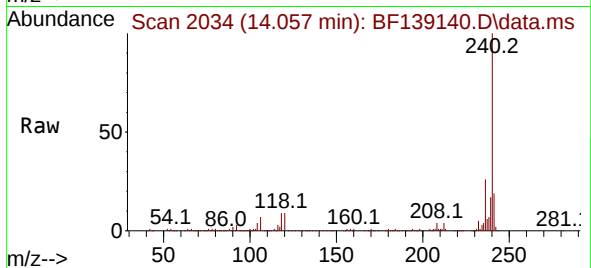
Tgt Ion:240 Resp: 260711

Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.6

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 94.618 ng

RT: 13.010 min Scan# 1856

Delta R.T. -0.000 min

Lab File: BF139140.D

Acq: 23 Aug 2024 11:41

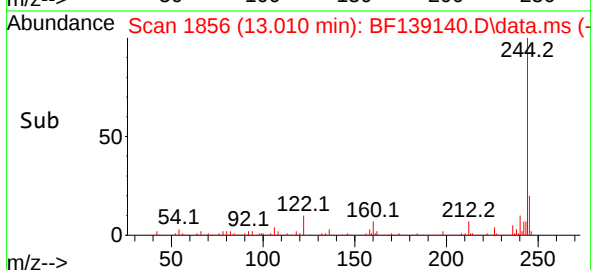
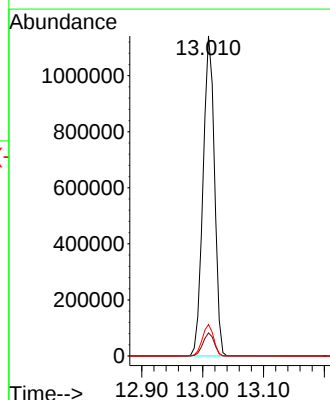
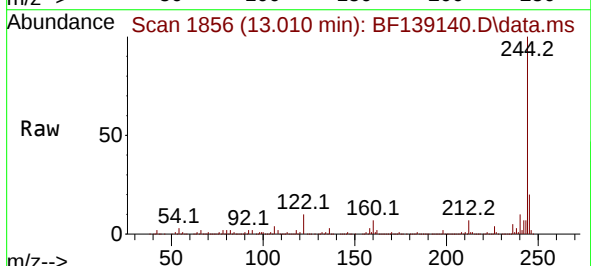
Tgt Ion:244 Resp: 1486648

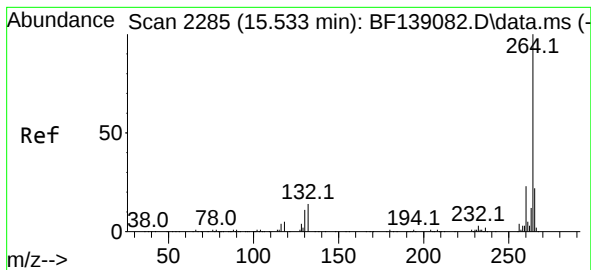
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.8 7.6 11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

Instrument :
BNA_F
ClientSampleId :
PB162871TB

Tgt Ion:264 Resp: 180636

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.4	17.4	26.2

