

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138279.D
 Acq On : 21 Jun 2024 11:50
 Operator : CG\JU
 Sample : PB161600BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161600BL

Quant Time: Jun 21 12:27:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

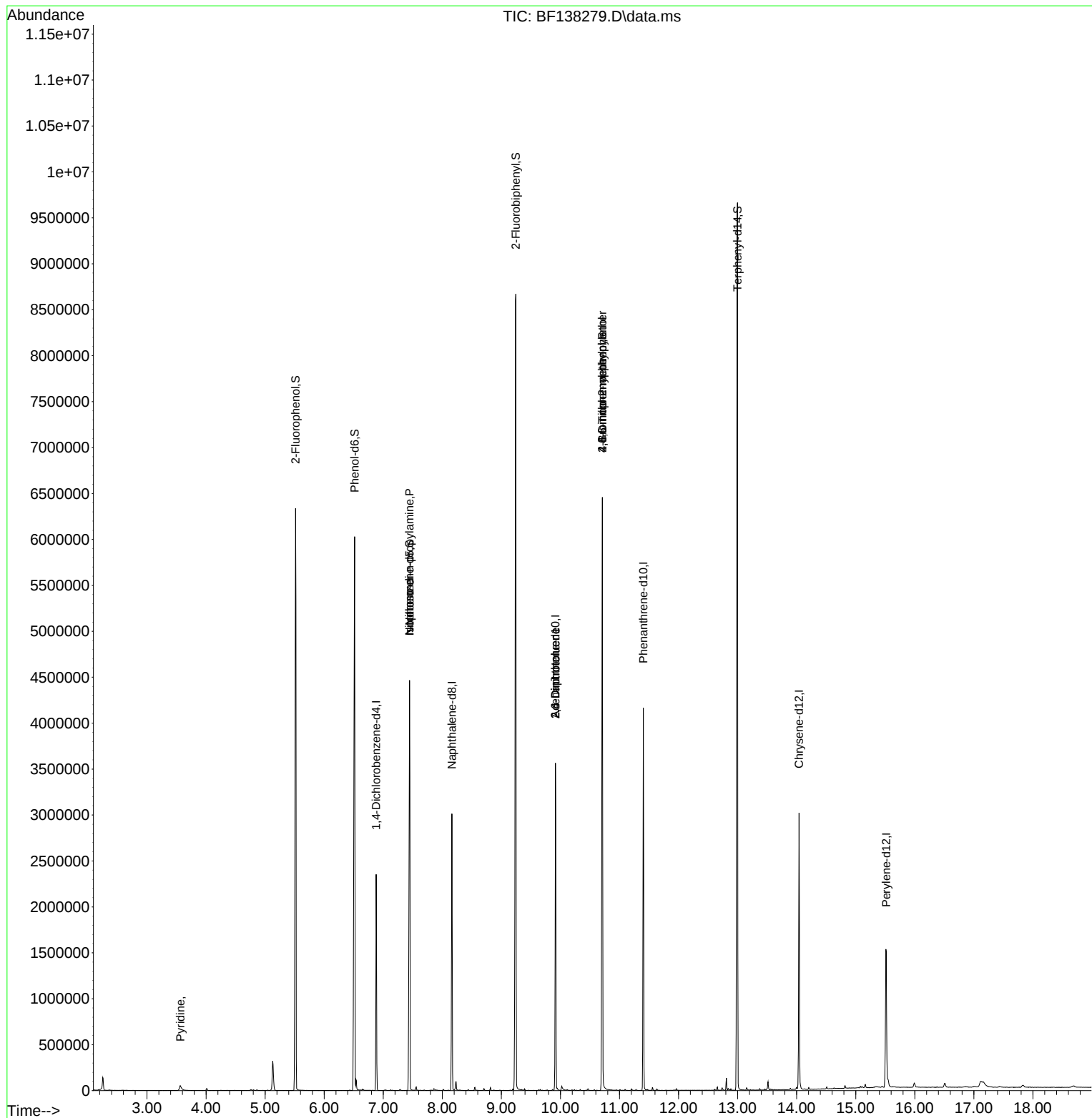
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	331327	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1302752	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	754427	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1404777	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	956115	20.000	ng	-0.01
86) Perylene-d12	15.515	264	796781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2204203	111.287	ng	0.00
7) Phenol-d6	6.516	99	2700086	107.508	ng	0.00
23) Nitrobenzene-d5	7.445	82	1726286	77.143	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	908519	120.967	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3211557	67.692	ng	0.00
79) Terphenyl-d14	12.998	244	4147682	68.707	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.563	79	48677	2.260	ng	99
19) n-Nitroso-di-n-propyla...	7.445	70	228913	15.376	ng	# 77
25) Isophorone	7.445	82	1720295	42.501	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	99198	9.892	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	99201	8.020	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1954	7.168	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	57811	3.652	ng	# 1

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

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QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

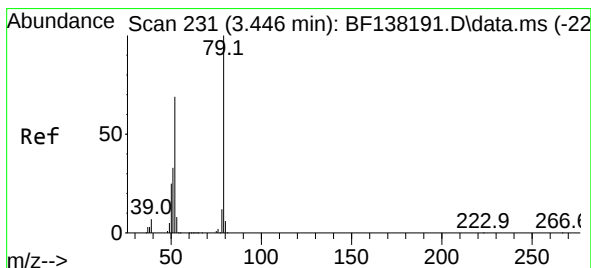
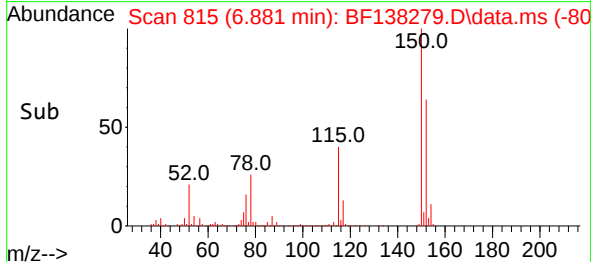
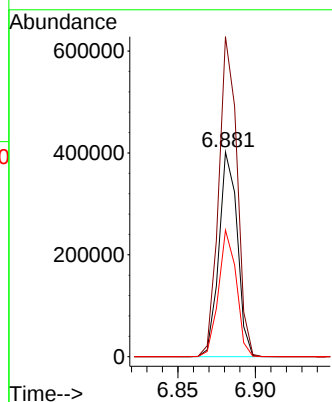
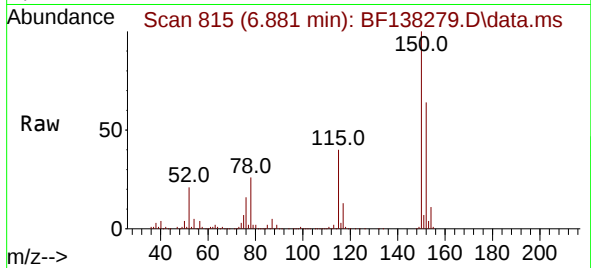




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138279.D
Acq: 21 Jun 2024 11:50

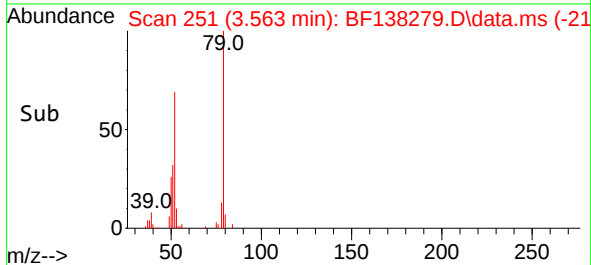
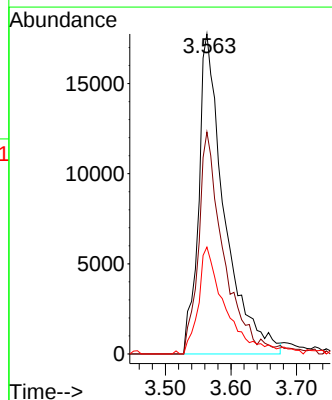
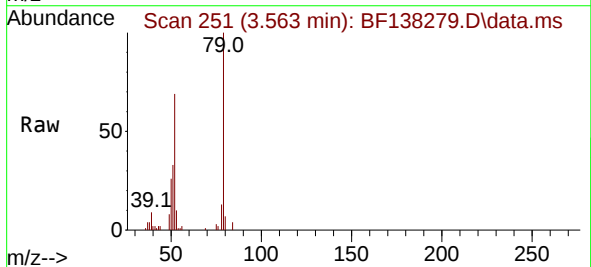
Instrument :
BNA_F
ClientSampleId :
PB161600BL

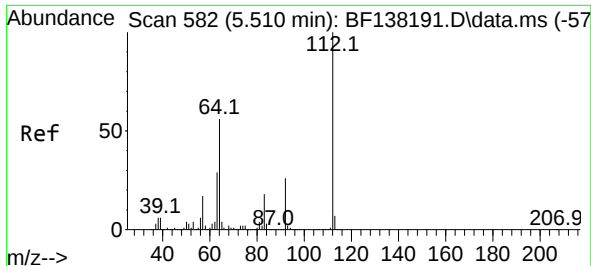
Tgt Ion:152 Resp: 331327
Ion Ratio Lower Upper
152 100
150 156.3 125.0 187.4
115 61.8 48.4 72.6



#3
Pyridine
Concen: 2.260 ng
RT: 3.563 min Scan# 251
Delta R.T. 0.118 min
Lab File: BF138279.D
Acq: 21 Jun 2024 11:50

Tgt Ion: 79 Resp: 48677
Ion Ratio Lower Upper
79 100
52 69.3 55.0 82.4
51 33.4 26.9 40.3

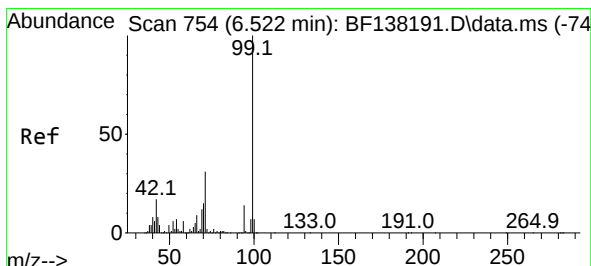
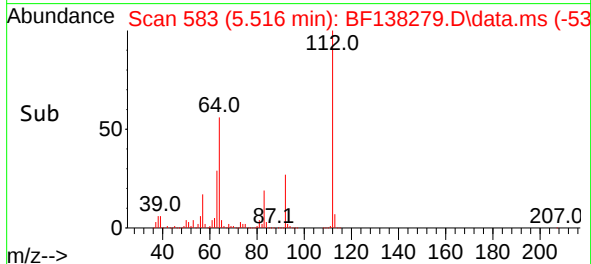
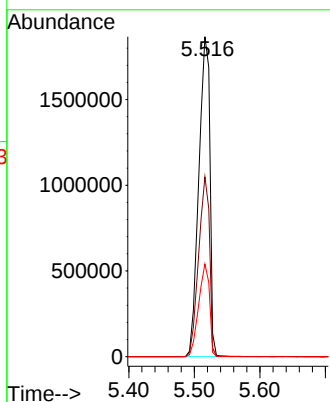
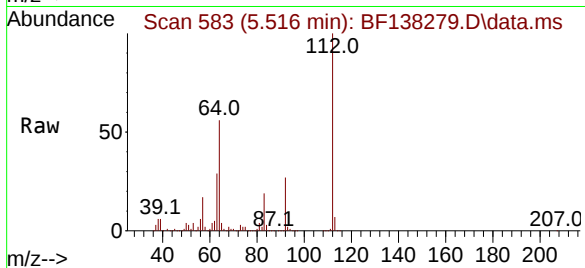




#5
2-Fluorophenol
Concen: 111.287 ng
RT: 5.516 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF138279.D
Acq: 21 Jun 2024 11:50

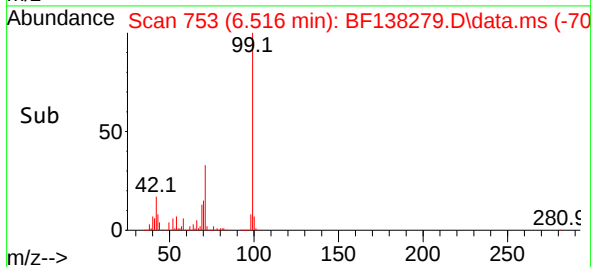
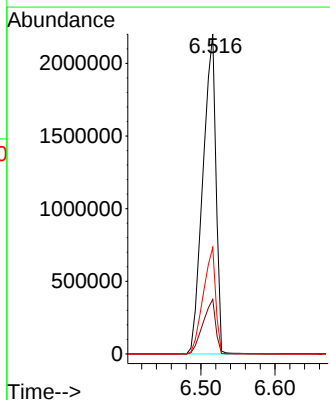
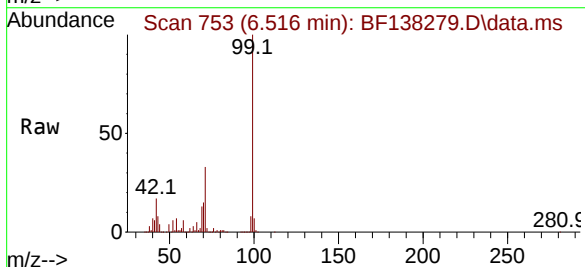
Instrument :
BNA_F
ClientSampleId :
PB161600BL

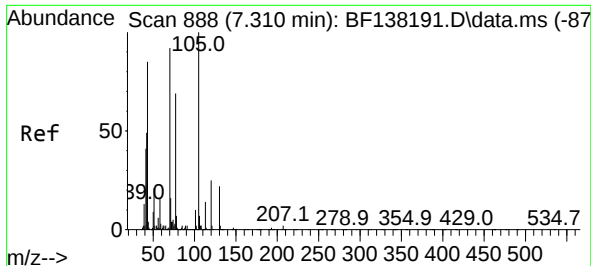
Tgt Ion:112 Resp: 2204203
Ion Ratio Lower Upper
112 100
64 56.2 45.2 67.8
63 28.9 22.9 34.3



#7
Phenol-d6
Concen: 107.508 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF138279.D
Acq: 21 Jun 2024 11:50

Tgt Ion: 99 Resp: 2700086
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 33.3 25.0 37.6

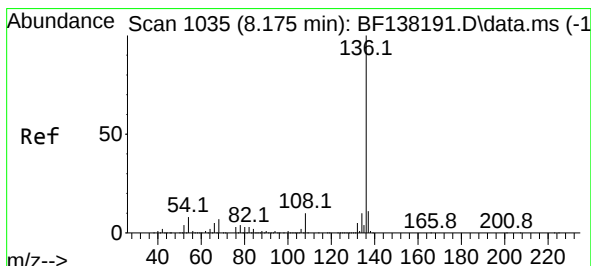
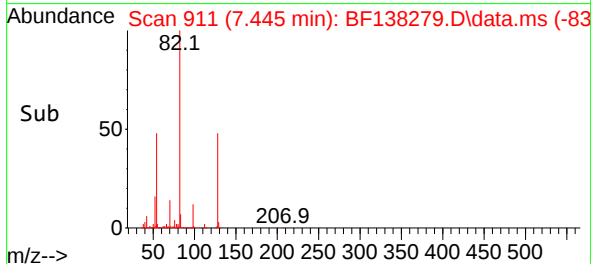
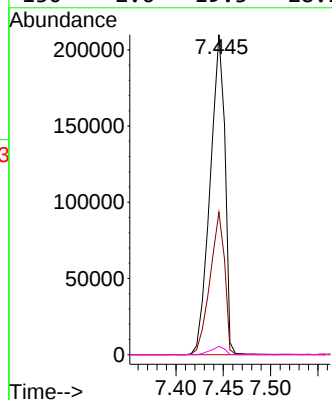
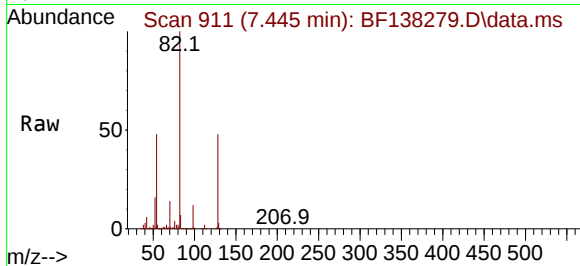




#19
n-Nitroso-di-n-propylamine
Concen: 15.376 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138279.D
Acq: 21 Jun 2024 11:50

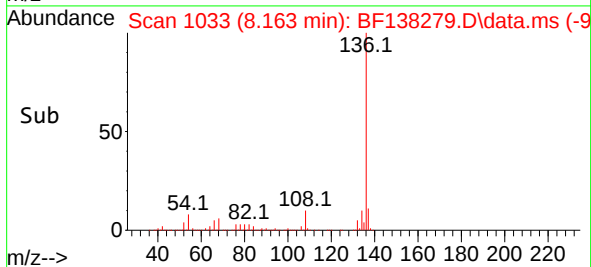
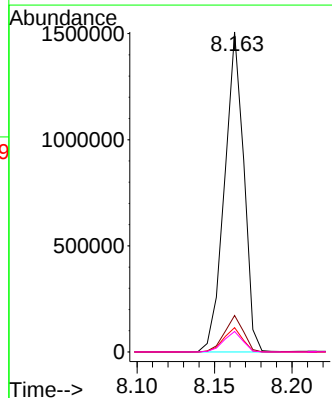
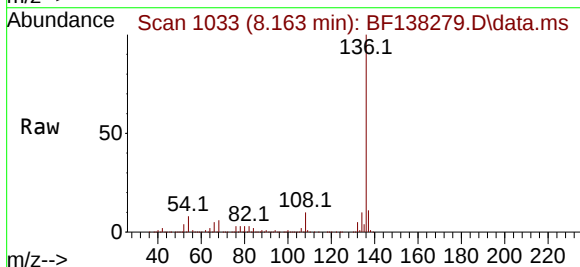
Instrument :
BNA_F
ClientSampleId :
PB161600BL

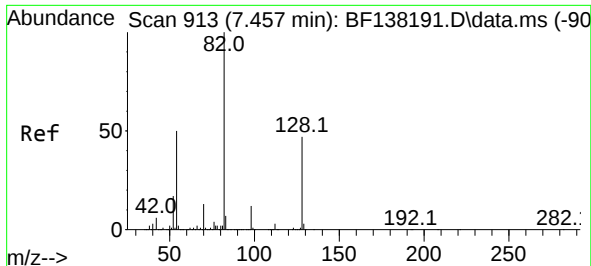
Tgt Ion: 70	Resp: 228913
Ion Ratio	Lower Upper
70 100	
42 44.5	42.8 64.2
101 0.0	8.4 12.6#
130 2.6	19.3 28.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138279.D
Acq: 21 Jun 2024 11:50

Tgt	Ion:136	Resp:	1302752
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.6	6.6	10.0
68	6.4	5.4	8.2





#23

Nitrobenzene-d5

Concen: 77.143 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138279.D

Acq: 21 Jun 2024 11:50

Instrument :

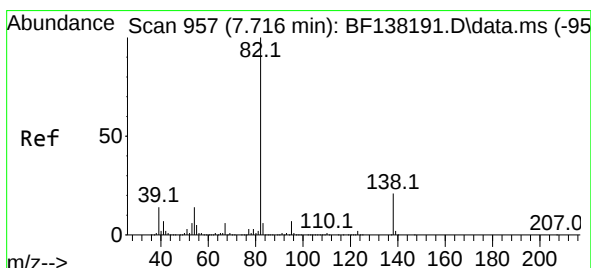
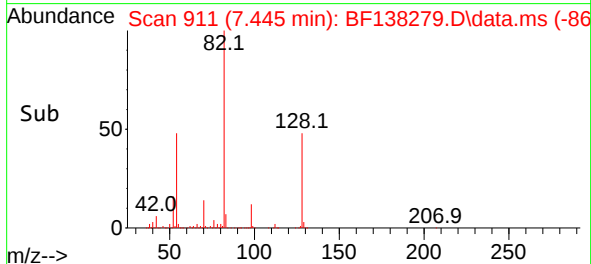
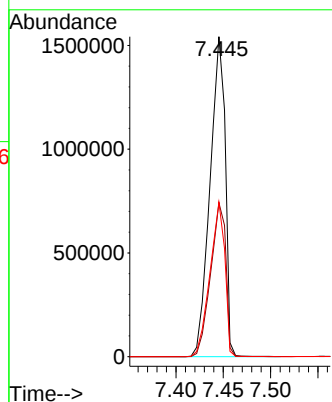
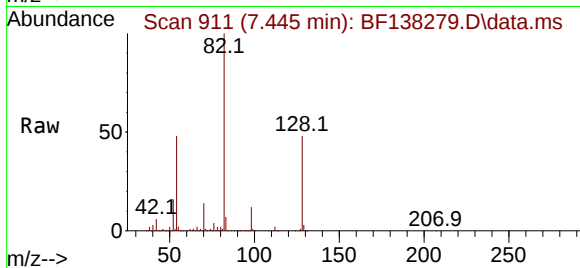
BNA_F

ClientSampleId :

PB161600BL

Tgt Ion: 82 Resp: 1726286

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.2	55.8
54	48.3	39.8	59.6



#25

Isophorone

Concen: 42.501 ng

RT: 7.445 min Scan# 911

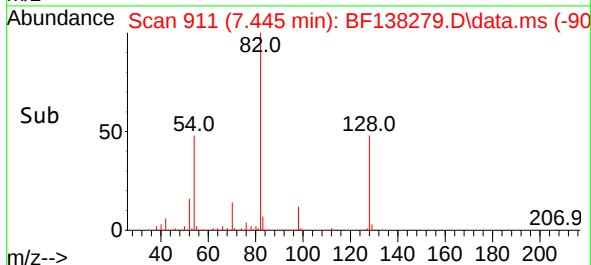
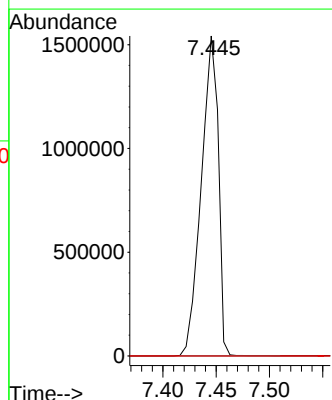
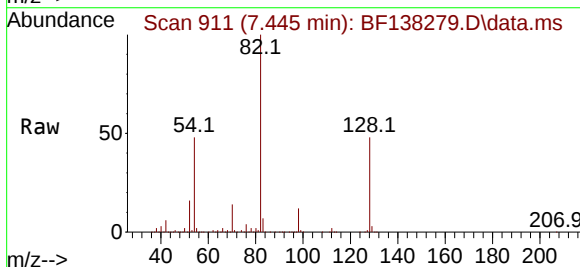
Delta R.T. -0.271 min

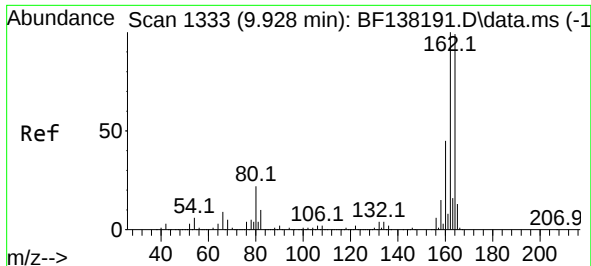
Lab File: BF138279.D

Acq: 21 Jun 2024 11:50

Tgt Ion: 82 Resp: 1720295

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	16.4	24.6#

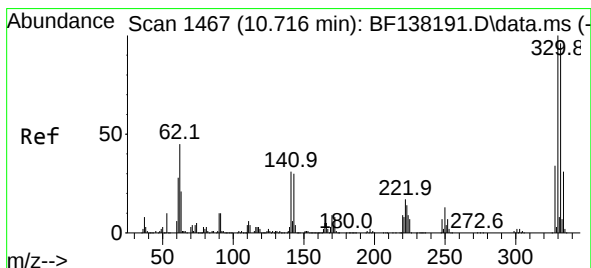
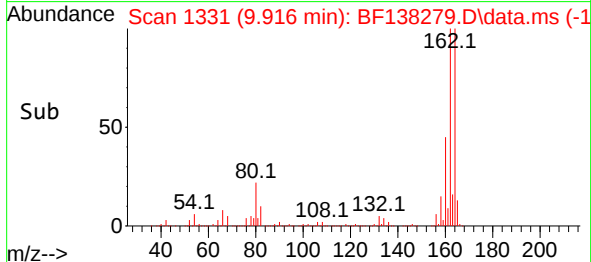
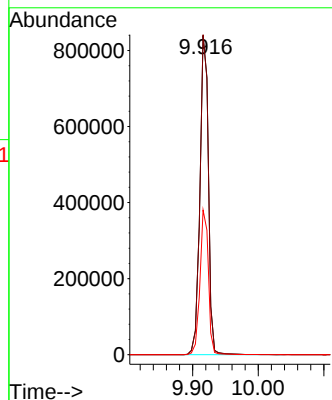
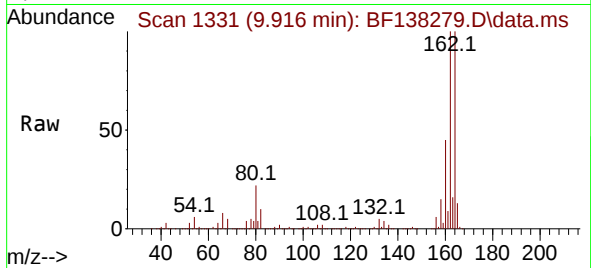




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138279.D
Acq: 21 Jun 2024 11:50

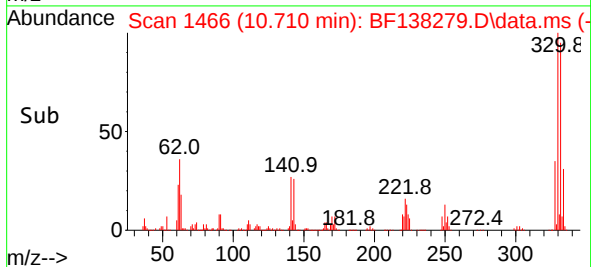
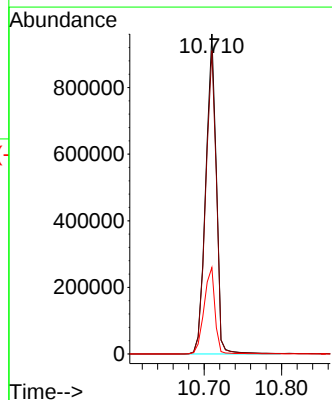
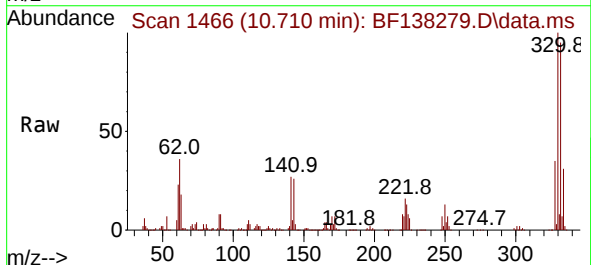
Instrument :
BNA_F
ClientSampleId :
PB161600BL

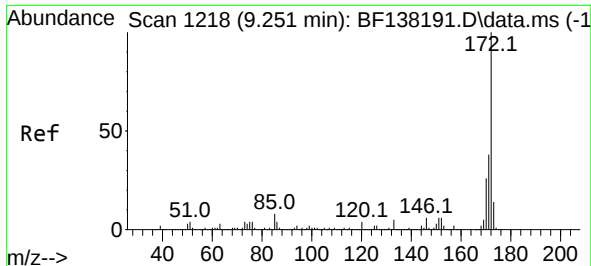
Tgt Ion:164 Resp: 754427
Ion Ratio Lower Upper
164 100
162 100.3 80.6 121.0
160 45.3 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 120.967 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF138279.D
Acq: 21 Jun 2024 11:50

Tgt Ion:330 Resp: 908519
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 28.1 23.9 35.9

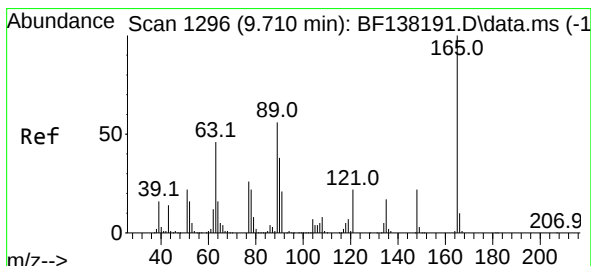
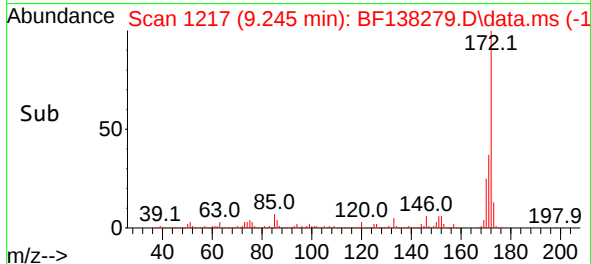
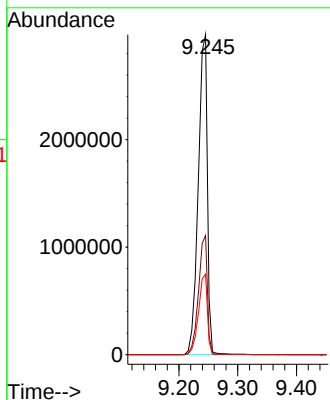
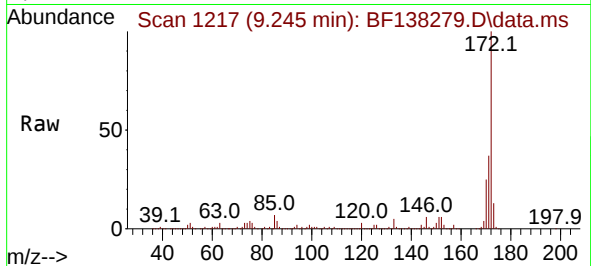




#45
2-Fluorobiphenyl
Concen: 67.692 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138279.D
Acq: 21 Jun 2024 11:50

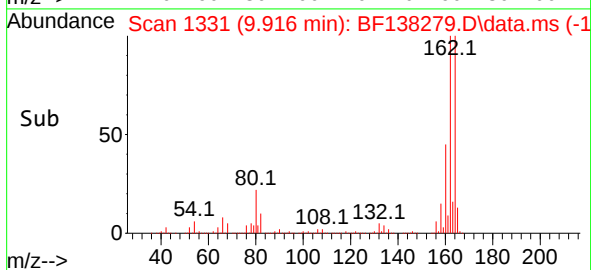
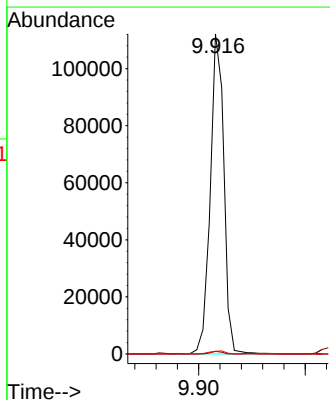
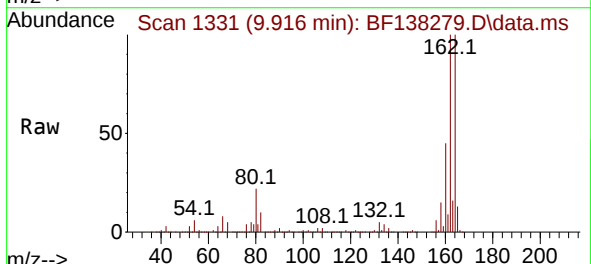
Instrument :
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PB161600BL

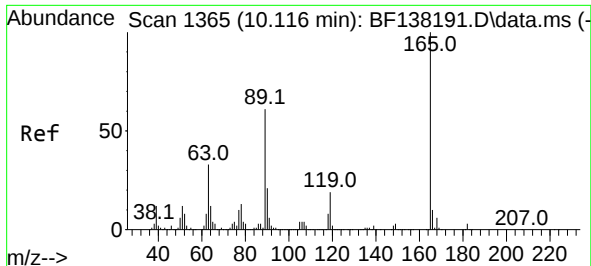
Tgt Ion:172 Resp: 3211557
Ion Ratio Lower Upper
172 100
171 37.3 30.3 45.5
170 25.1 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 9.892 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF138279.D
Acq: 21 Jun 2024 11:50

Tgt Ion:165 Resp: 99198
Ion Ratio Lower Upper
165 100
63 0.8 43.7 65.5#
89 0.9 44.9 67.3#

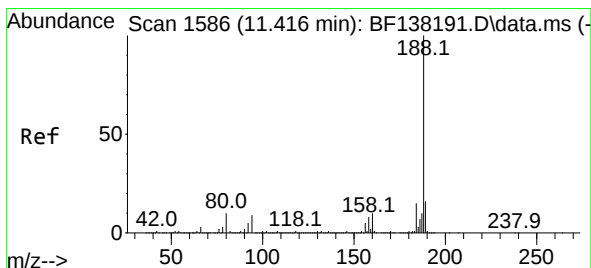
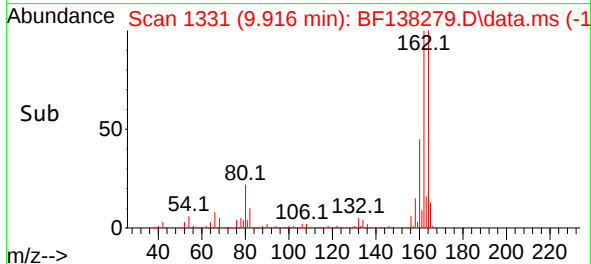
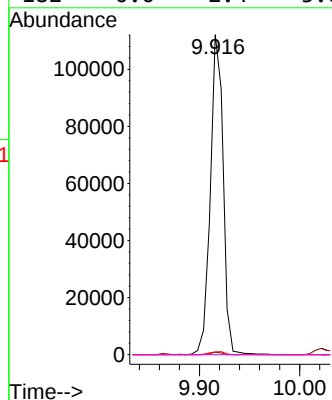
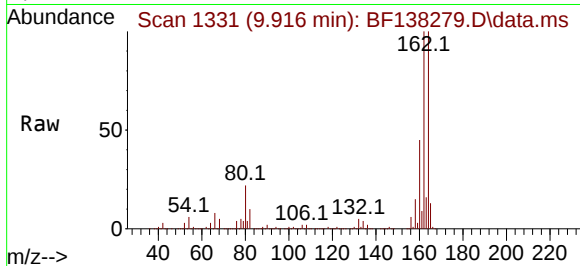




#57
2,4-Dinitrotoluene
Concen: 8.020 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138279.D
Acq: 21 Jun 2024 11:50

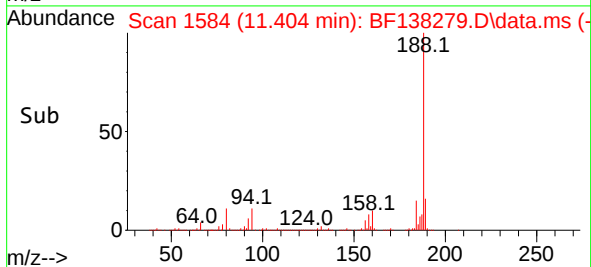
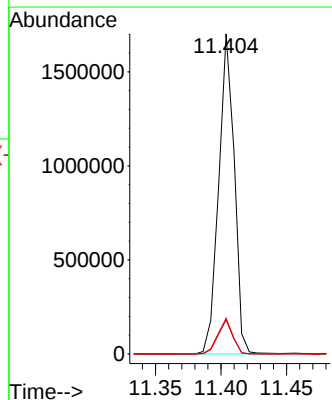
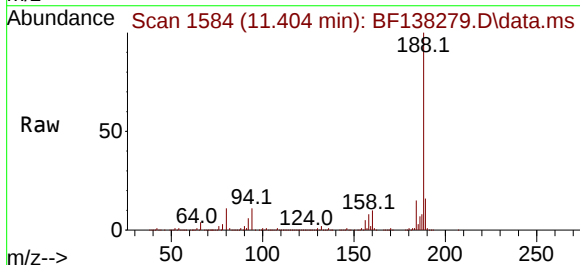
Instrument :
BNA_F
ClientSampleId :
PB161600BL

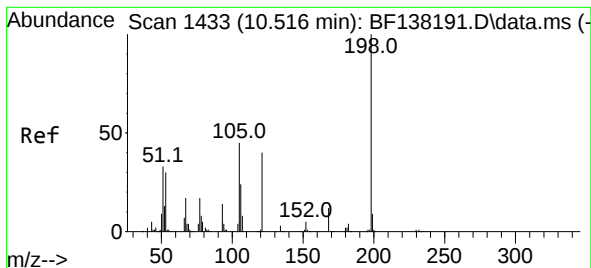
Tgt Ion:165 Resp: 99201
Ion Ratio Lower Upper
165 100
63 0.8 26.6 39.8#
89 0.9 48.7 73.1#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF138279.D
Acq: 21 Jun 2024 11:50

Tgt Ion:188 Resp: 1404777
Ion Ratio Lower Upper
188 100
94 10.6 7.6 11.4
80 11.2 8.1 12.1

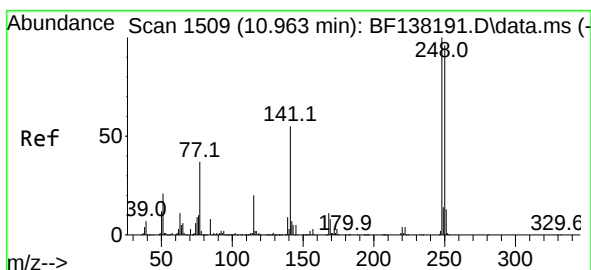
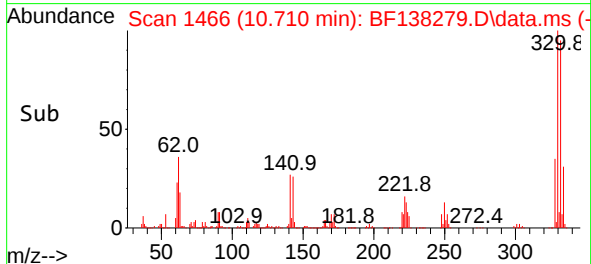
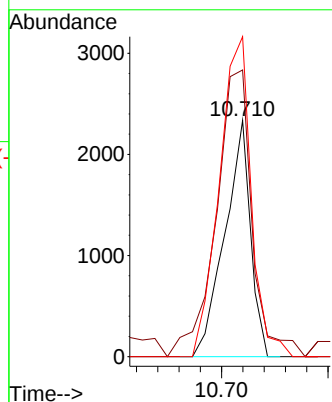
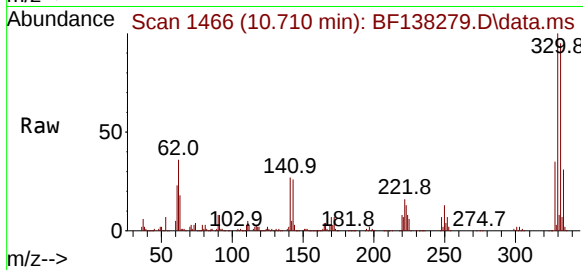




#65
4,6-Dinitro-2-methylphenol
Concen: 7.168 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF138279.D
Acq: 21 Jun 2024 11:50

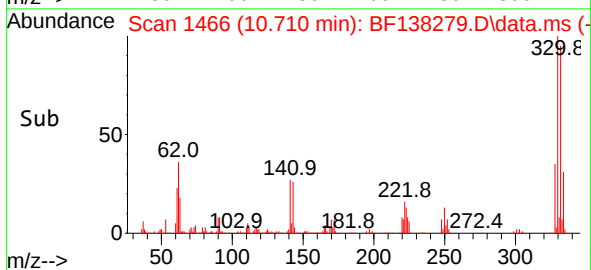
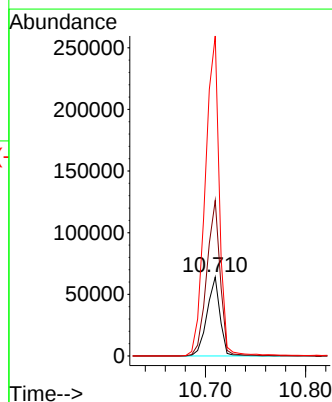
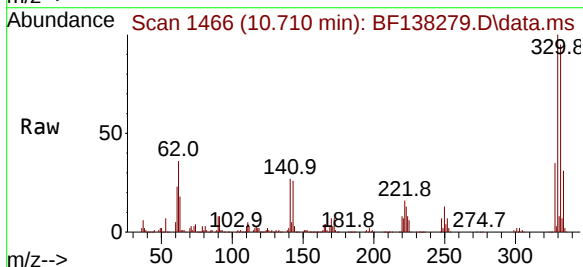
Instrument :
BNA_F
ClientSampleId :
PB161600BL

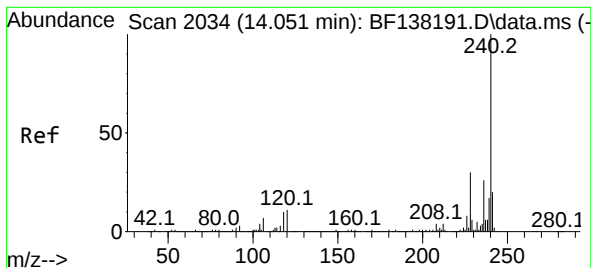
Tgt Ion:198 Resp: 1954
Ion Ratio Lower Upper
198 100
51 121.4 26.9 66.9#
105 135.4 26.0 66.0#



#67
4-Bromophenyl-phenylether
Concen: 3.652 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138279.D
Acq: 21 Jun 2024 11:50

Tgt Ion:248 Resp: 57811
Ion Ratio Lower Upper
248 100
250 197.2 77.2 115.8#
141 405.8 44.1 66.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138279.D

Acq: 21 Jun 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB161600BL

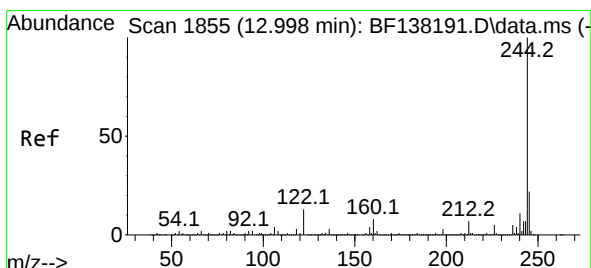
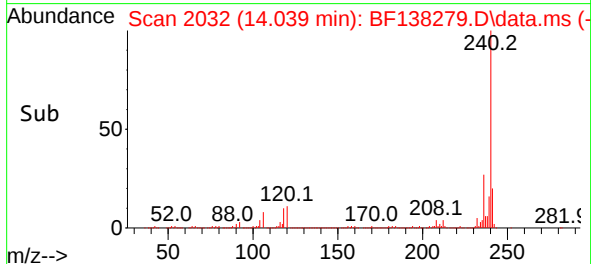
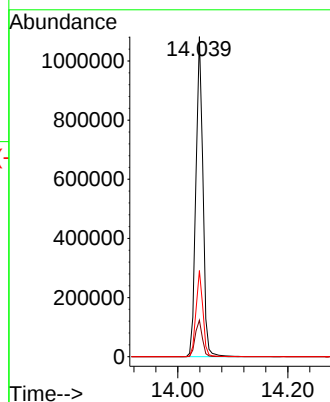
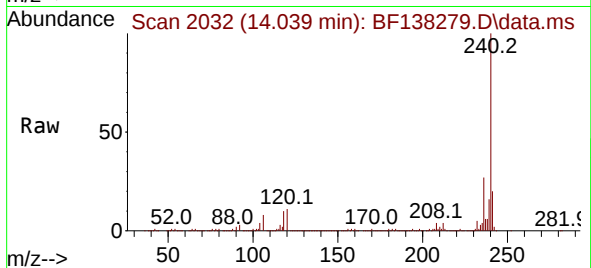
Tgt Ion:240 Resp: 956115

Ion Ratio Lower Upper

240 100

120 11.4 9.2 13.8

236 26.9 21.0 31.6



#79

Terphenyl-d14

Concen: 68.707 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138279.D

Acq: 21 Jun 2024 11:50

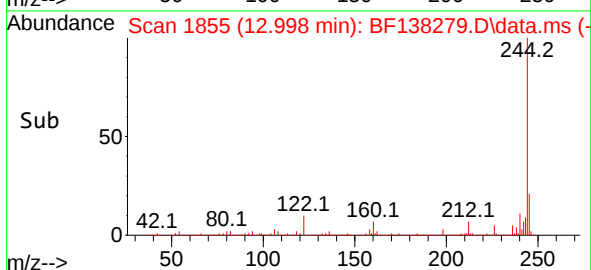
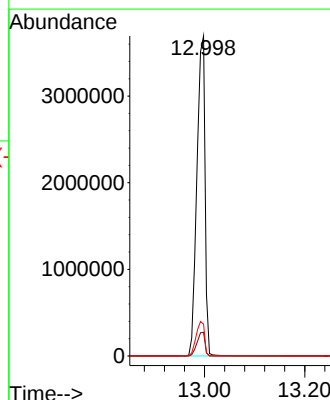
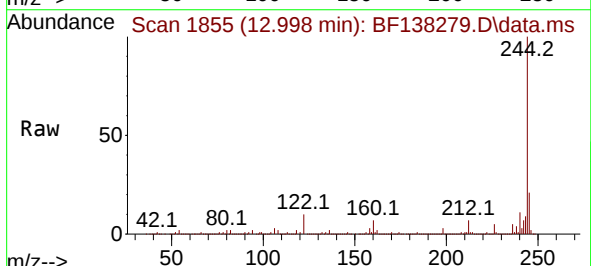
Tgt Ion:244 Resp: 4147682

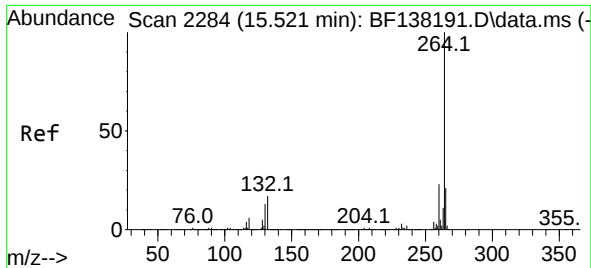
Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

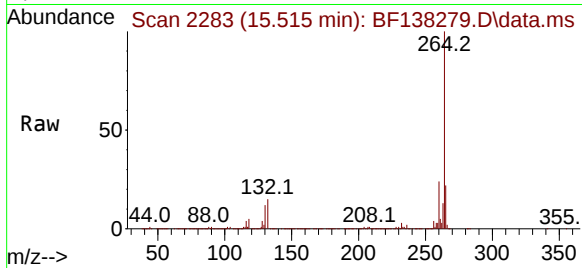
122 10.0 10.6 15.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138279.D
 Acq: 21 Jun 2024 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB161600BL



Tgt Ion:264 Resp: 796781
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 21.6 17.0 25.6

