

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138422.D
 Acq On : 02 Jul 2024 11:40
 Operator : CG\JU
 Sample : PB161833BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161833BL

Quant Time: Jul 02 12:20:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

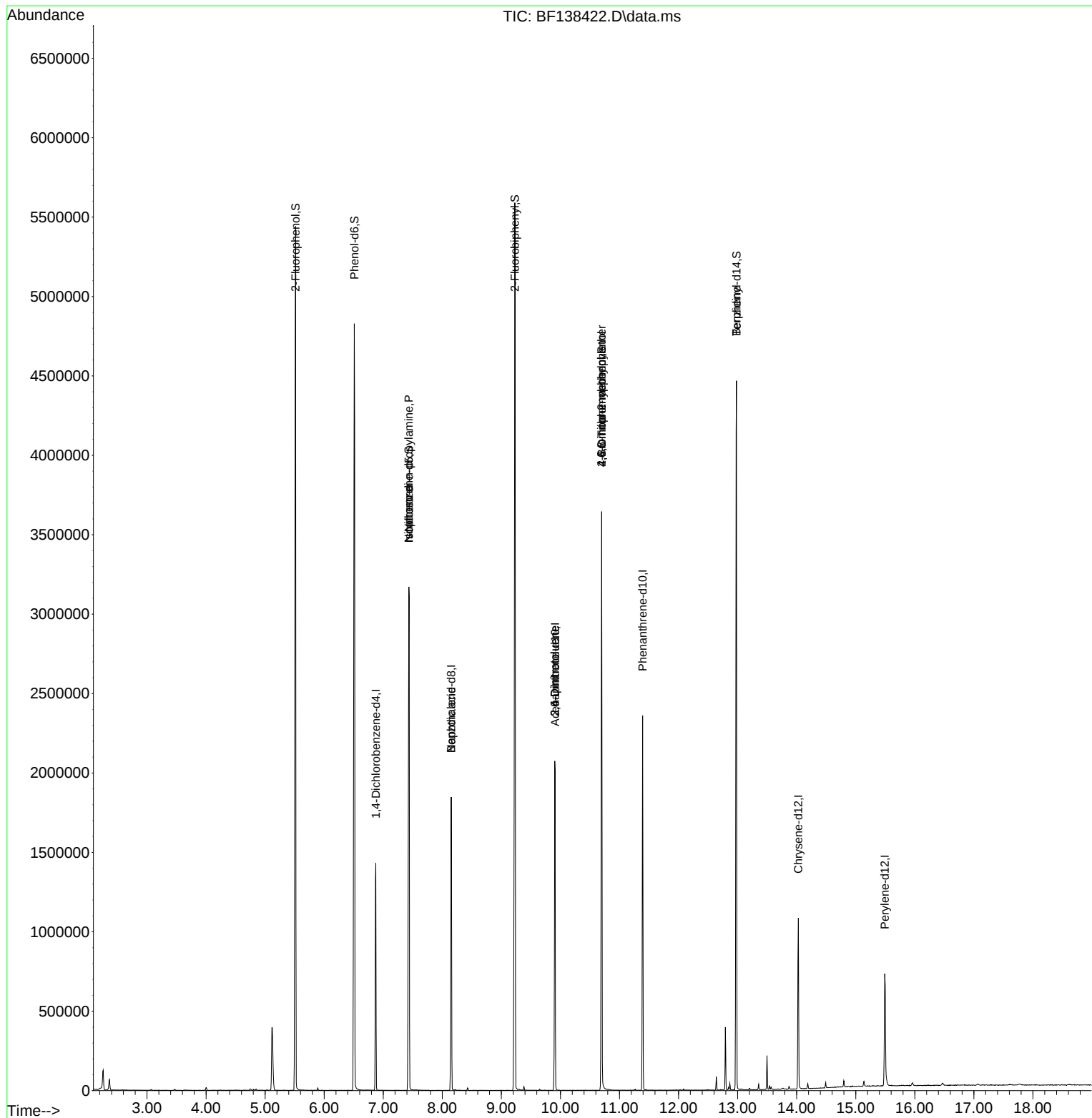
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	200757	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	828739	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	463912	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	768983	20.000	ng	0.00
76) Chrysene-d12	14.027	240	334824	20.000	ng	0.00
86) Perylene-d12	15.492	264	323677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1425002	117.684	ng	0.02
7) Phenol-d6	6.510	99	1932959	118.502	ng	0.00
23) Nitrobenzene-d5	7.433	82	1252880	78.534	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	413083	108.987	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2075727	71.208	ng	0.00
79) Terphenyl-d14	12.980	244	1596770	65.355	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	169788	16.511	ng	# 77
25) Isophorone	7.433	82	1249013	42.460	ng	# 67
32) Benzoic acid	8.151	122	63	4.106	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	61463	9.205	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	61463	7.476	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.698	198	1134	6.042	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	27309	3.304	ng	# 1
77) Benzidine	12.980	184	21871	8.169	ng	# 92

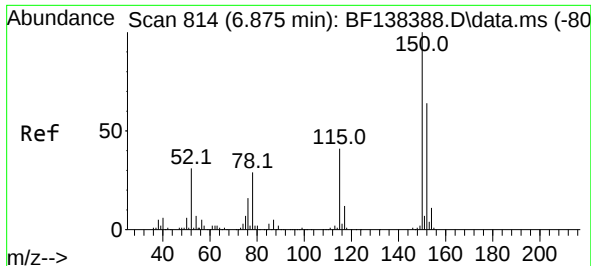
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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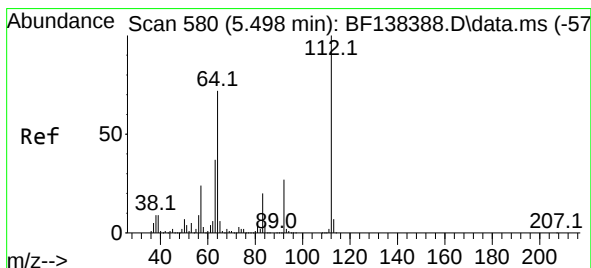
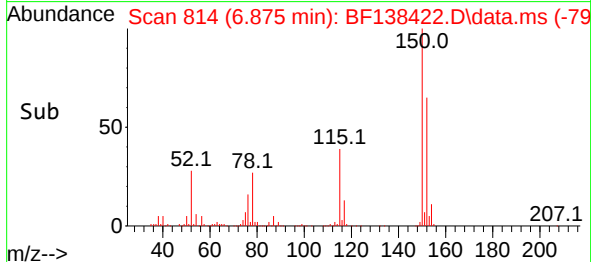
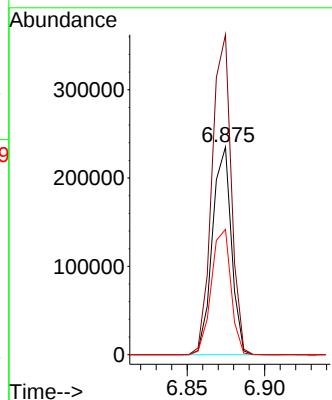
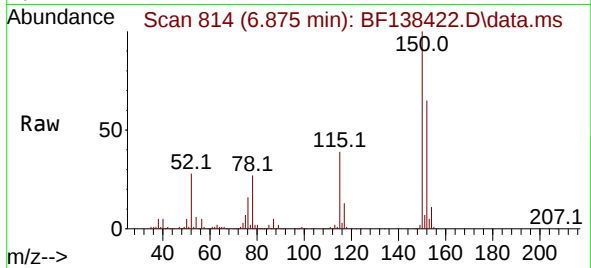




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

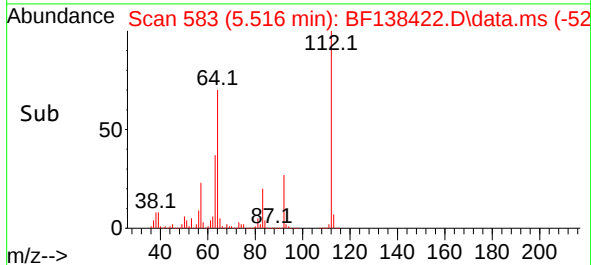
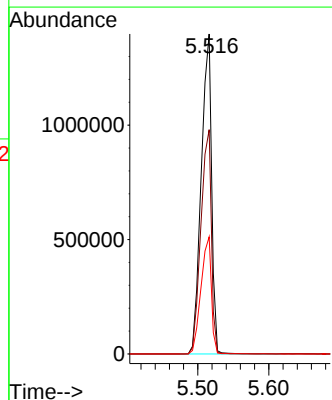
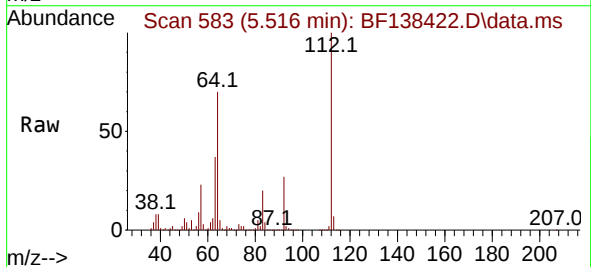
Instrument :
BNA_F
ClientSampleId :
PB161833BL

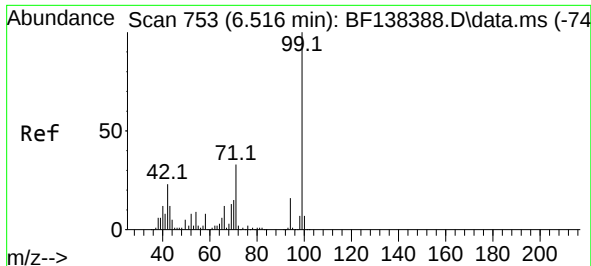
Tgt Ion:152 Resp: 200757
Ion Ratio Lower Upper
152 100
150 154.1 124.9 187.3
115 60.3 50.8 76.2



#5
2-Fluorophenol
Concen: 117.684 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

Tgt Ion:112 Resp: 1425002
Ion Ratio Lower Upper
112 100
64 70.1 57.2 85.8
63 36.6 29.4 44.0



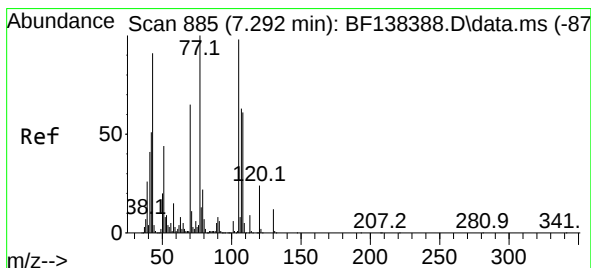
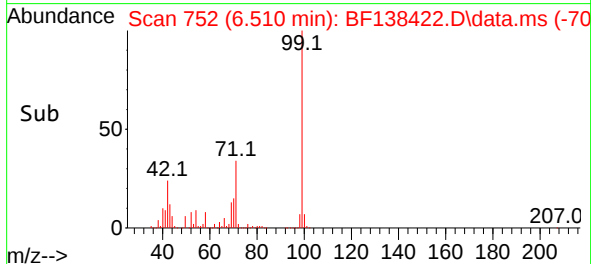
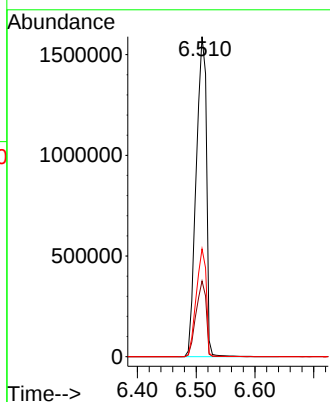
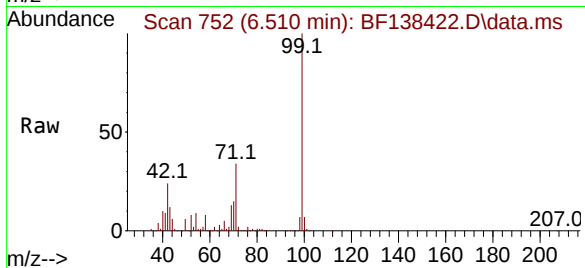


#7
Phenol-d6
Concen: 118.502 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

Instrument :
BNA_F
ClientSampleId :
PB161833BL

Tgt Ion: 99 Resp: 1932959

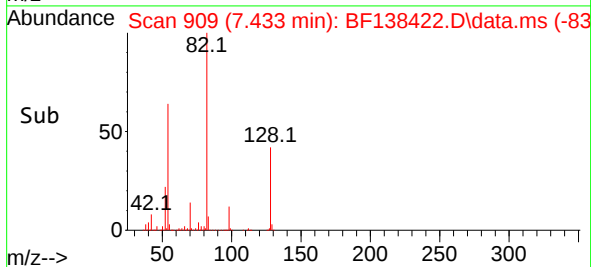
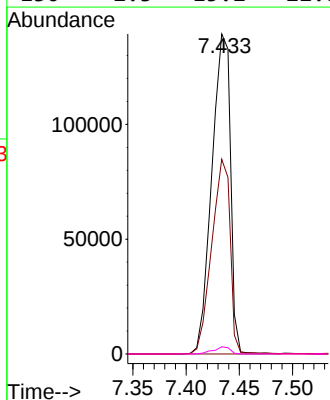
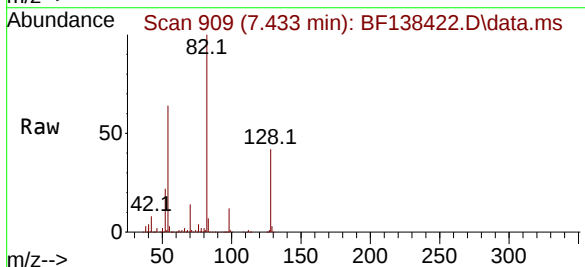
Ion	Ratio	Lower	Upper
99	100		
42	23.6	18.5	27.7
71	33.7	26.1	39.1

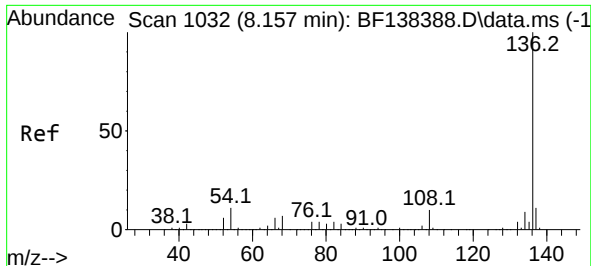


#19
n-Nitroso-di-n-propylamine
Concen: 16.511 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

Tgt Ion: 70 Resp: 169788

Ion	Ratio	Lower	Upper
70	100		
42	60.8	62.5	93.7#
101	0.0	7.0	10.4#
130	2.3	15.2	22.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138422.D

Acq: 02 Jul 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB161833BL

Tgt Ion:136 Resp: 828739

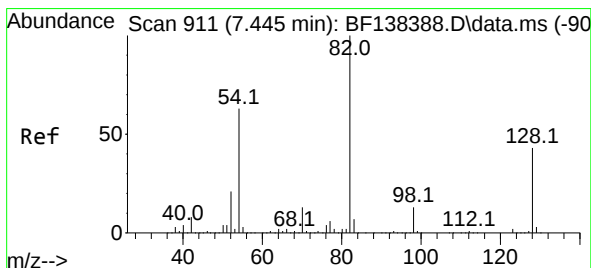
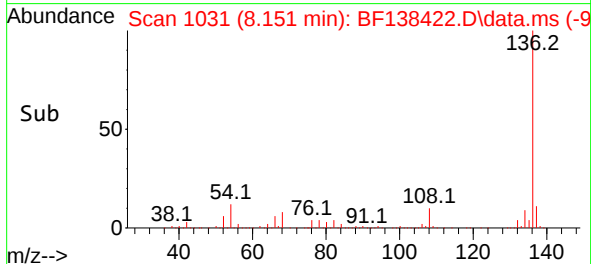
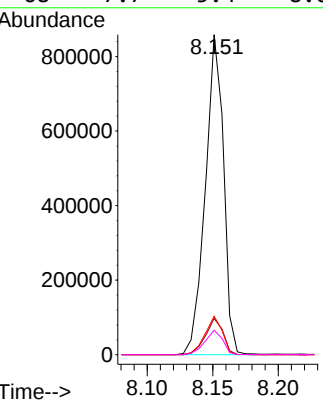
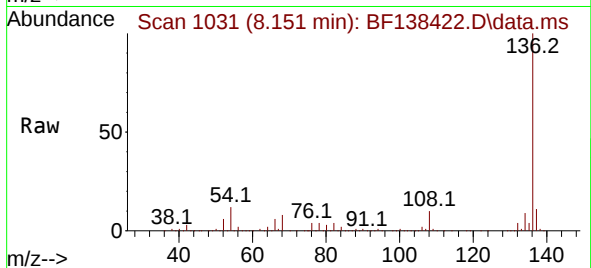
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 12.0 9.0 13.4

68 7.7 5.4 8.0



#23

Nitrobenzene-d5

Concen: 78.534 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138422.D

Acq: 02 Jul 2024 11:40

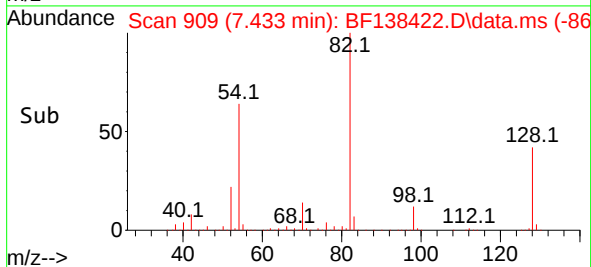
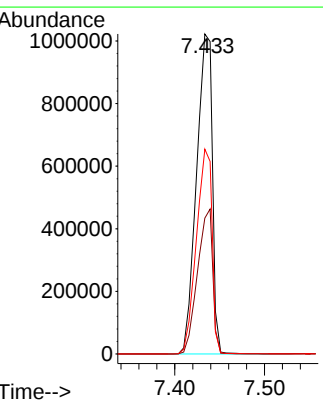
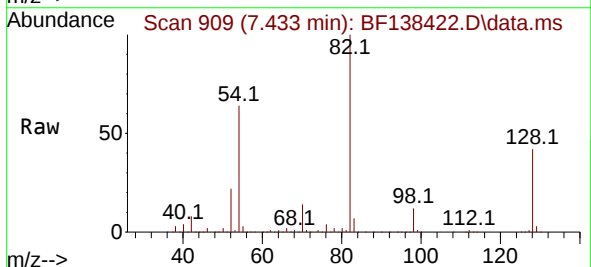
Tgt Ion: 82 Resp: 1252880

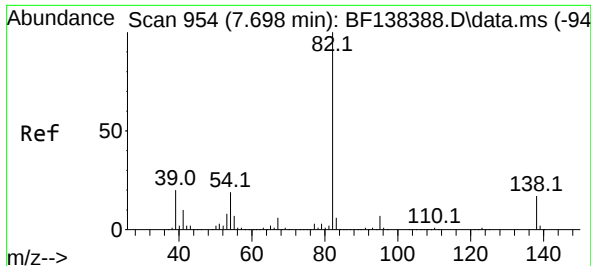
Ion Ratio Lower Upper

82 100

128 42.5 34.6 52.0

54 64.0 50.5 75.7

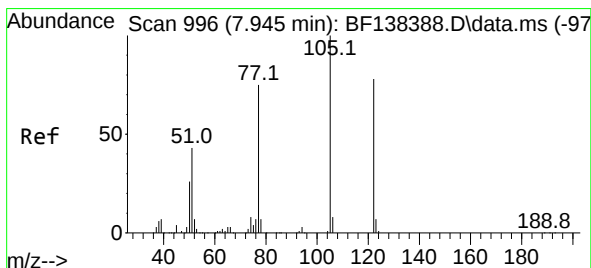
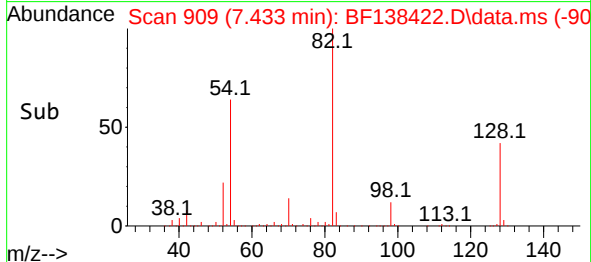
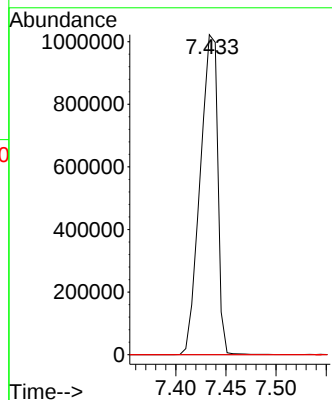
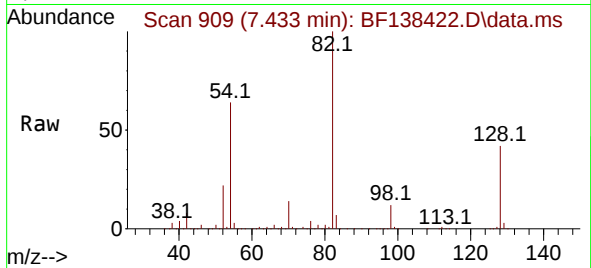




#25
Isophorone
Concen: 42.460 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

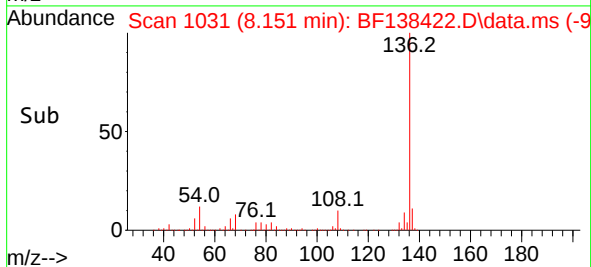
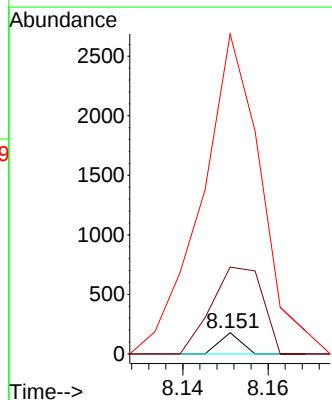
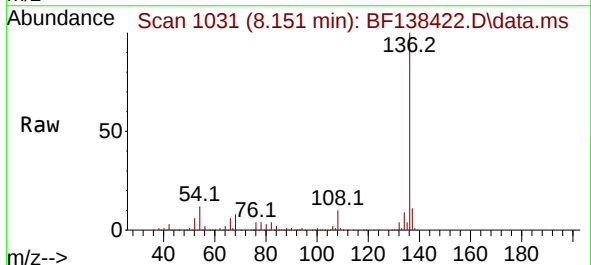
Instrument :
BNA_F
ClientSampleId :
PB161833BL

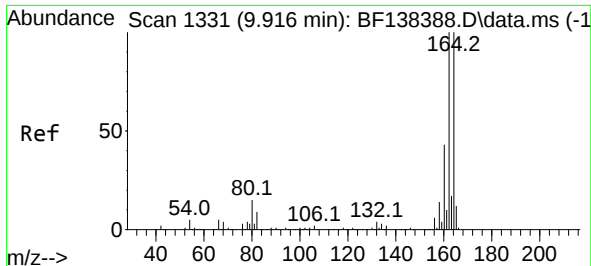
Tgt Ion: 82 Resp: 1249013
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#



#32
Benzoic acid
Concen: 4.106 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.206 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 407.3 103.8 143.8#
77 1501.1 74.3 114.3#

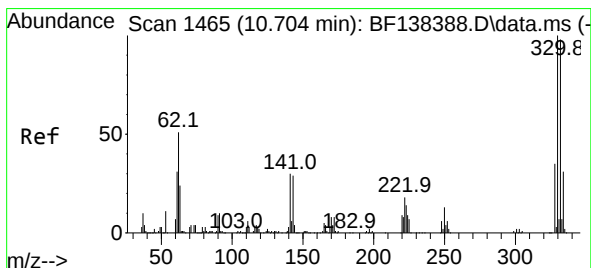
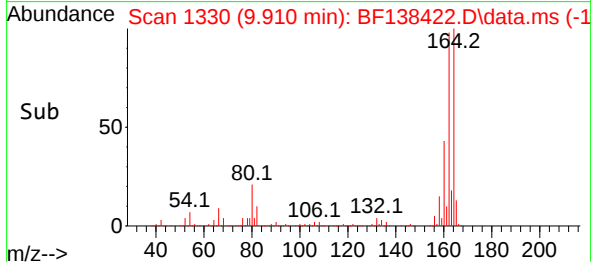
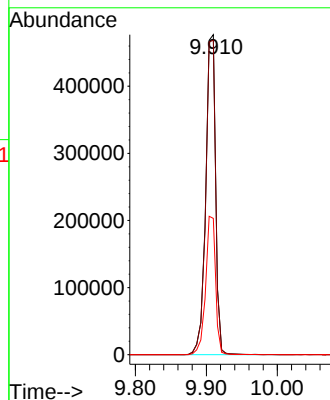
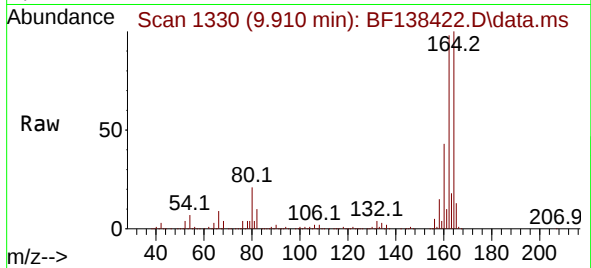




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

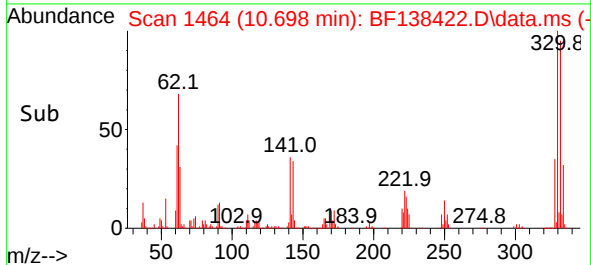
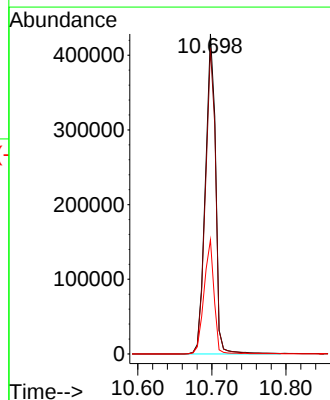
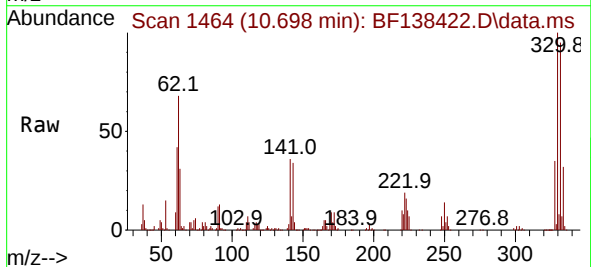
Instrument :
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ClientSampleId :
PB161833BL

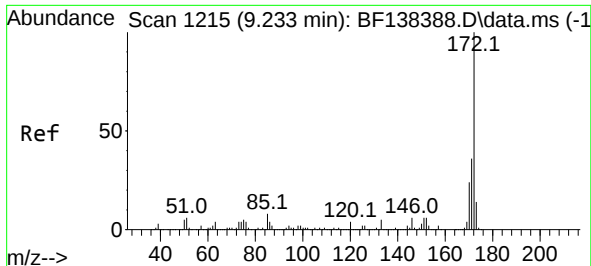
Tgt Ion:164 Resp: 463912
Ion Ratio Lower Upper
164 100
162 98.3 80.1 120.1
160 42.6 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 108.987 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

Tgt Ion:330 Resp: 413083
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 35.2 28.1 42.1

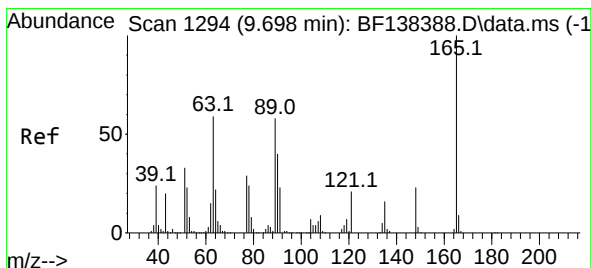
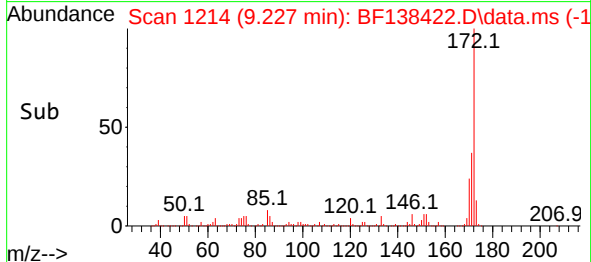
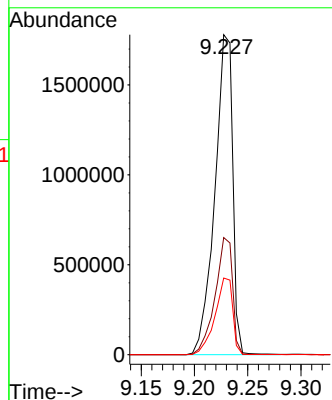
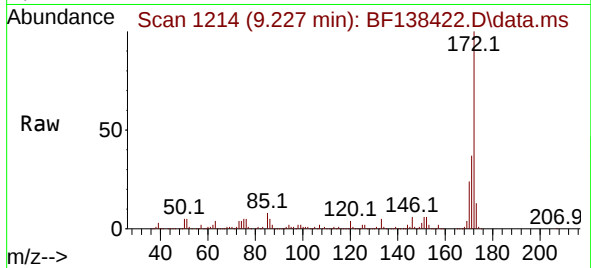




#45
2-Fluorobiphenyl
Concen: 71.208 ng
RT: 9.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

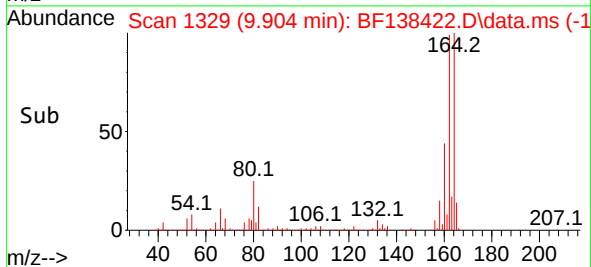
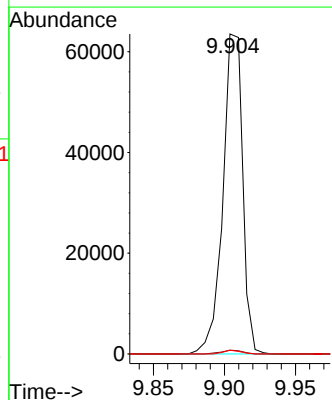
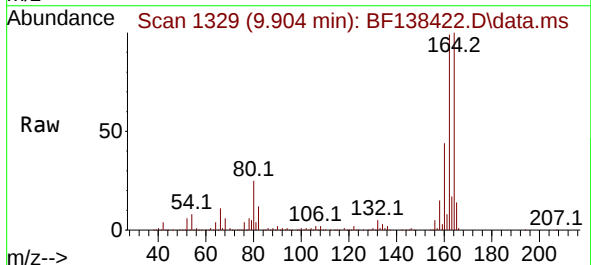
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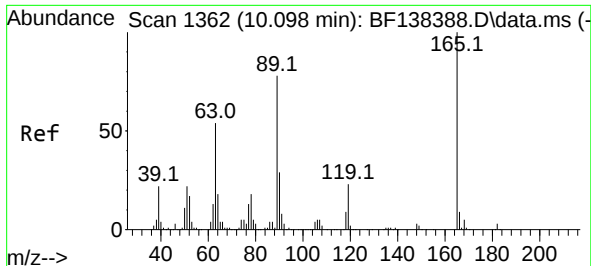
Tgt Ion:172 Resp: 2075727
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.0 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 9.205 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

Tgt Ion:165 Resp: 61463
Ion Ratio Lower Upper
165 100
63 1.2 53.8 80.8#
89 1.2 46.4 69.6#

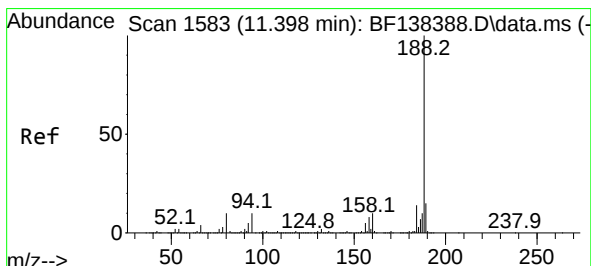
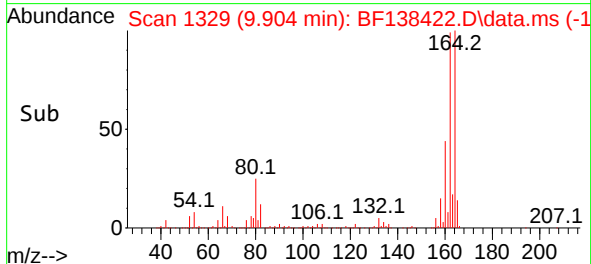
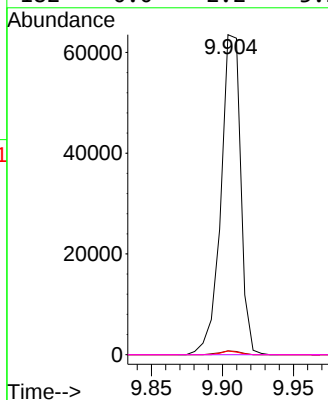
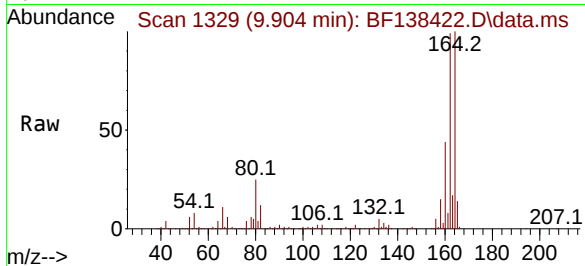




#57
2,4-Dinitrotoluene
Concen: 7.476 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

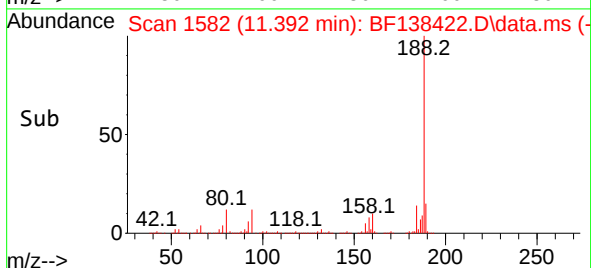
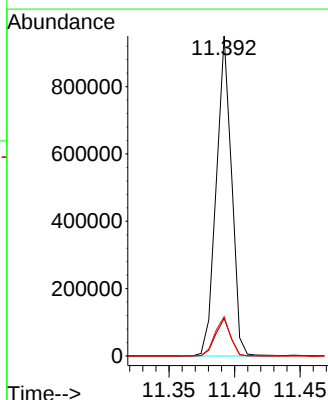
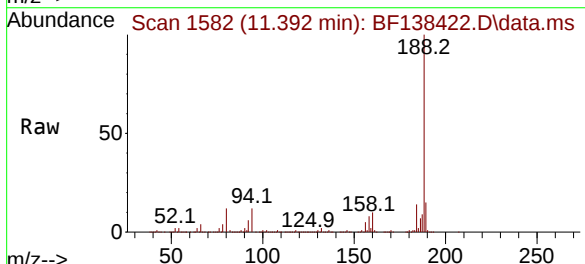
Instrument :
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ClientSampleId :
PB161833BL

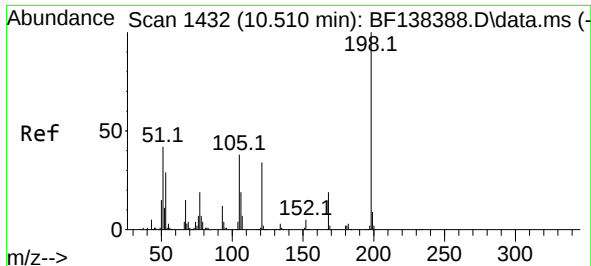
Tgt Ion:165 Resp: 61463
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.2#
89 1.2 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

Tgt Ion:188 Resp: 768983
Ion Ratio Lower Upper
188 100
94 11.7 8.0 12.0
80 12.3 8.2 12.4

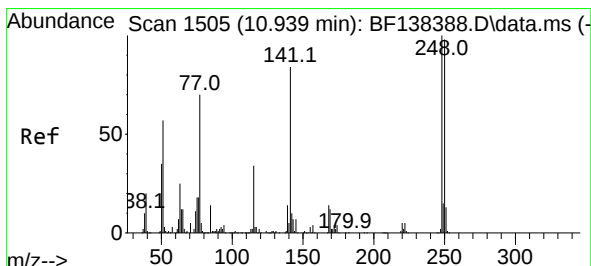
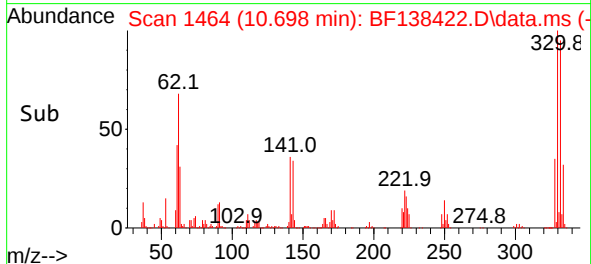
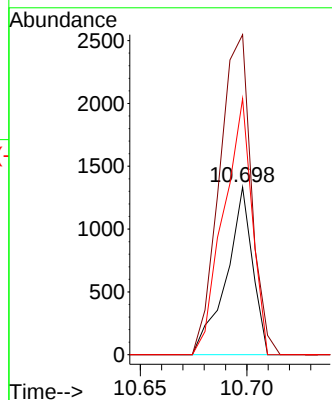
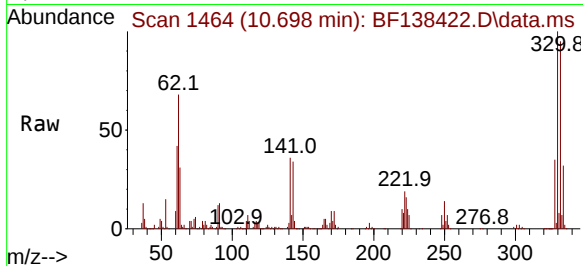




#65
4,6-Dinitro-2-methylphenol
Concen: 6.042 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

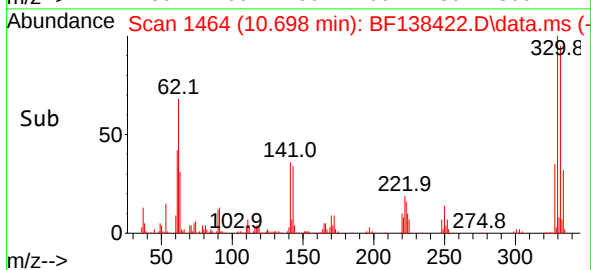
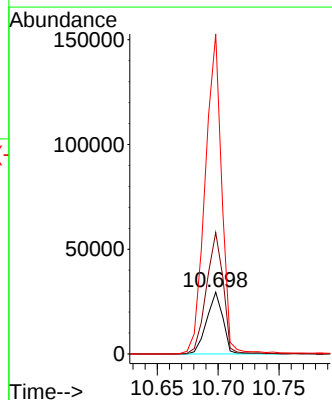
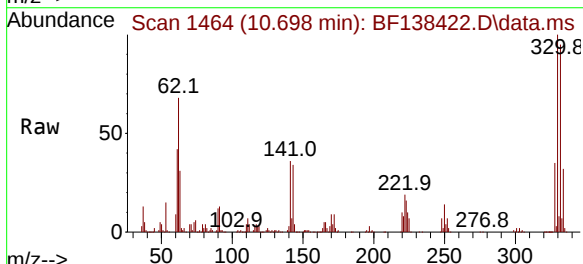
Instrument :
BNA_F
ClientSampleId :
PB161833BL

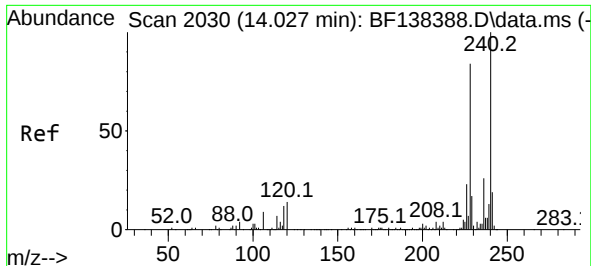
Tgt Ion:198 Resp: 1134
Ion Ratio Lower Upper
198 100
51 190.9 27.9 67.9#
105 152.8 18.2 58.2#



#67
4-Bromophenyl-phenylether
Concen: 3.304 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

Tgt Ion:248 Resp: 27309
Ion Ratio Lower Upper
248 100
250 196.8 78.2 117.4#
141 518.5 67.6 101.4#

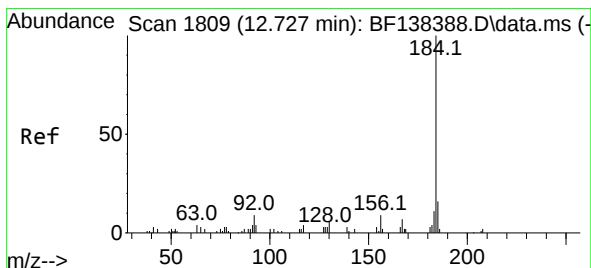
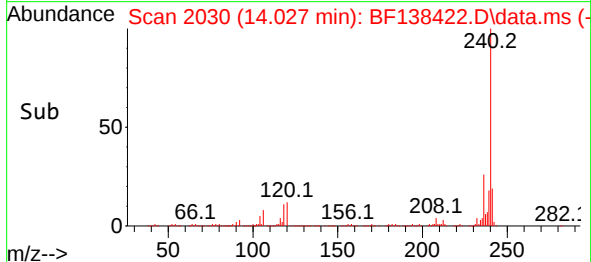
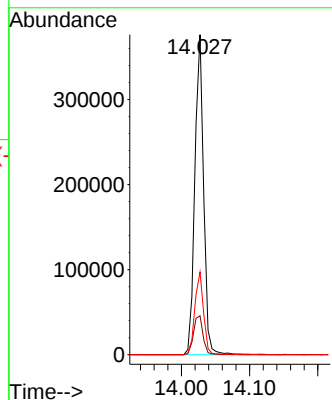
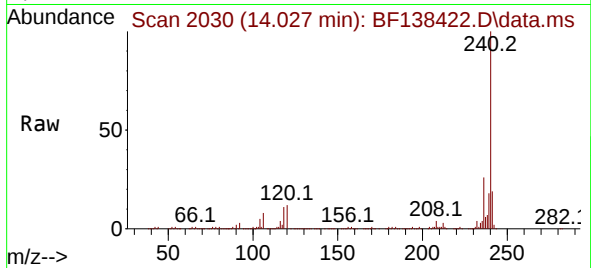




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

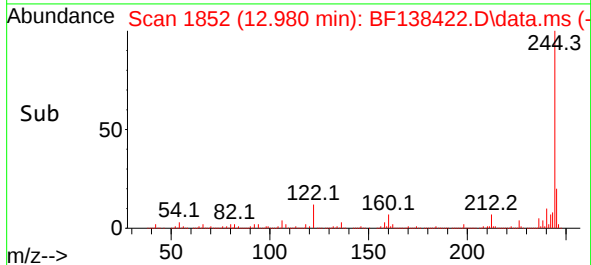
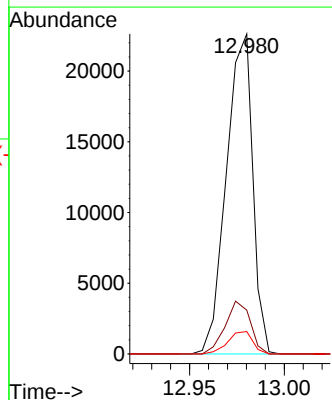
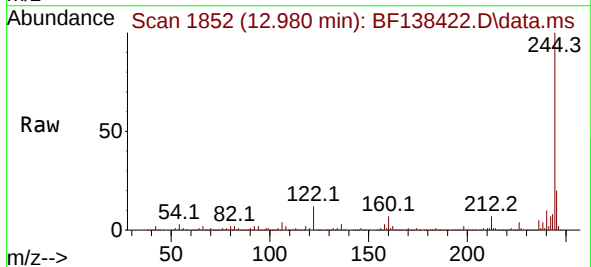
Instrument :
BNA_F
ClientSampleId :
PB161833BL

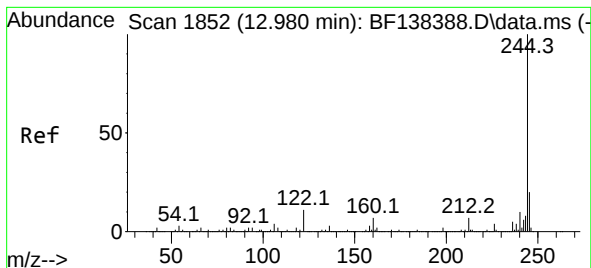
Tgt Ion:240 Resp: 334824
Ion Ratio Lower Upper
240 100
120 12.1 10.9 16.3
236 25.8 20.6 30.8



#77
Benzidine
Concen: 8.169 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF138422.D
Acq: 02 Jul 2024 11:40

Tgt Ion:184 Resp: 21871
Ion Ratio Lower Upper
184 100
185 13.7 13.0 19.4
183 7.0 9.0 13.6#





#79

Terphenyl-d14

Concen: 65.355 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF138422.D

Acq: 02 Jul 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB161833BL

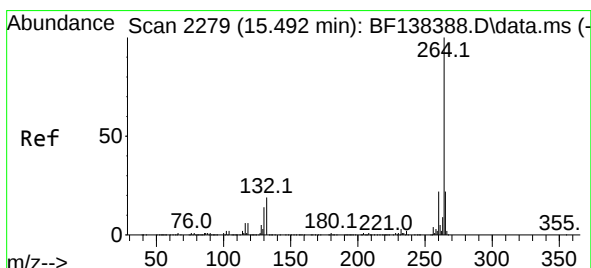
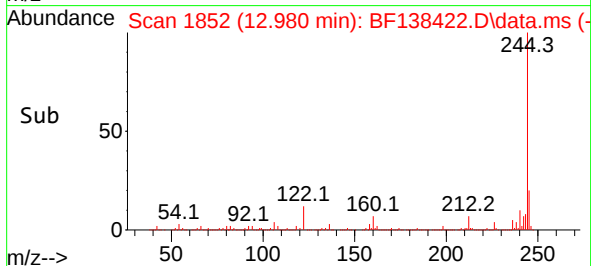
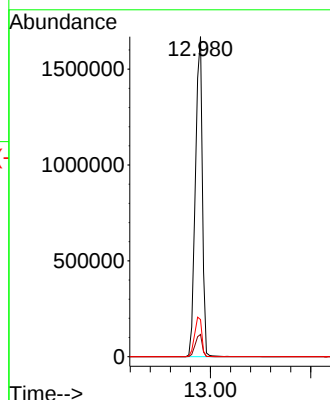
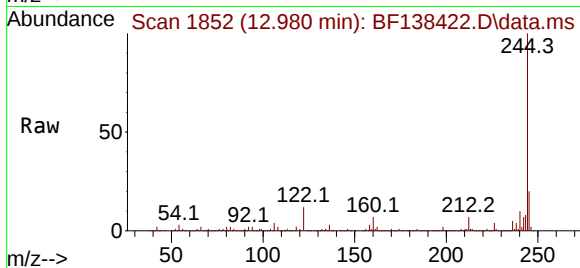
Tgt Ion:244 Resp: 1596770

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.6 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF138422.D

Acq: 02 Jul 2024 11:40

Tgt Ion:264 Resp: 323677

Ion Ratio Lower Upper

264 100

260 23.6 17.8 26.6

265 22.2 17.5 26.3

