

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070824\
 Data File : BF138479.D
 Acq On : 08 Jul 2024 13:17
 Operator : CG\JU
 Sample : PB161894BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161894BL

Quant Time: Jul 08 13:41:12 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)

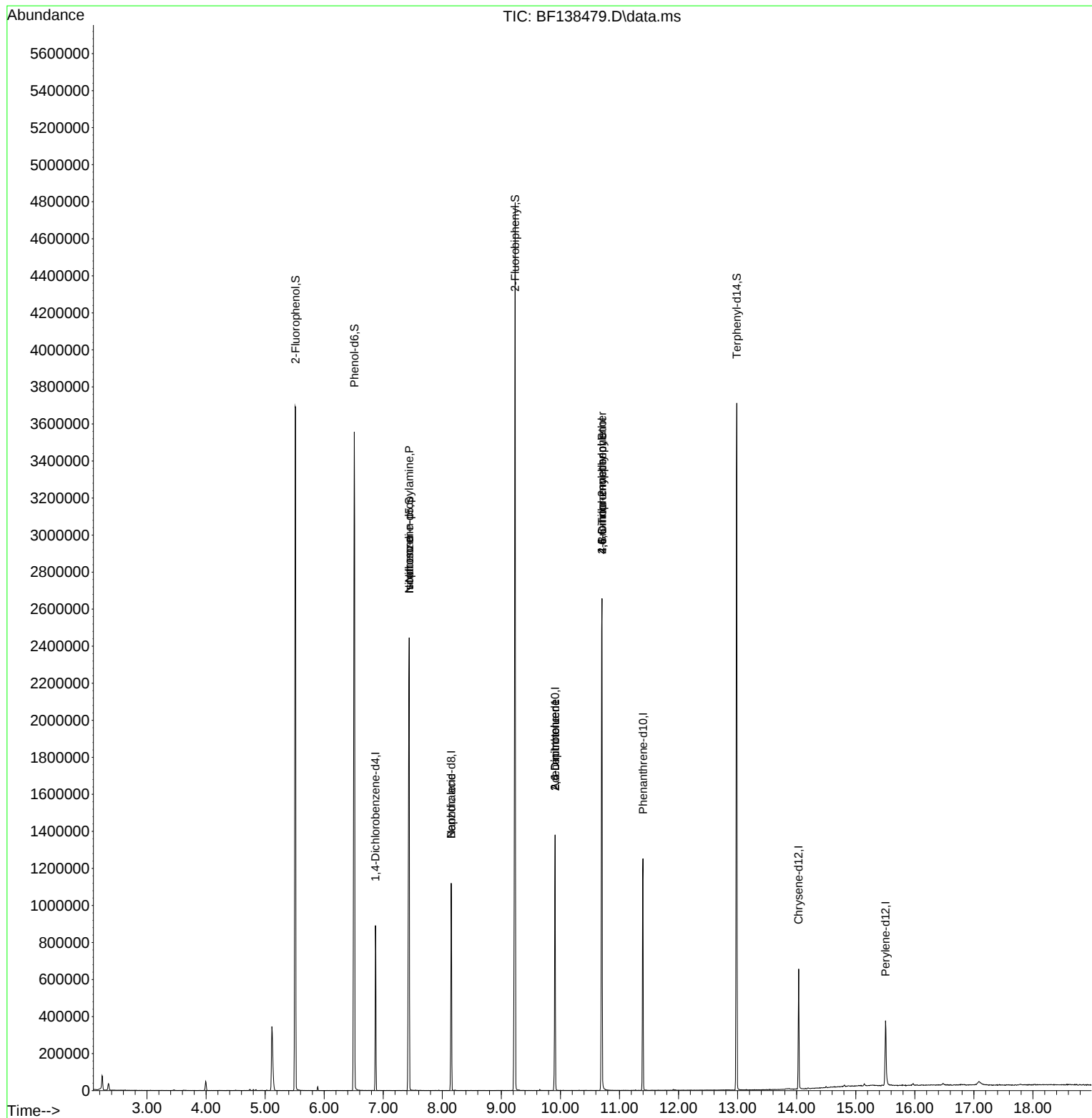
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	117285	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	485955	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	278907	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	453481	20.000	ng	0.00
76) Chrysene-d12	14.033	240	200639	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	172079	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1028543	145.396	ng	0.02
7) Phenol-d6	6.510	99	1379825	144.795	ng	0.00
23) Nitrobenzene-d5	7.439	82	919852	98.331	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	316668	138.968	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1582125	90.277	ng	0.00
79) Terphenyl-d14	12.986	244	1311932	89.609	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	123987	20.639	ng	# 76
25) Isophorone	7.439	82	917882	53.213	ng	# 67
32) Benzoic acid	8.151	122	122	4.122	ng	# 1
51) 2,6-Dinitrotoluene	9.910	165	36151	9.005	ng	# 20
57) 2,4-Dinitrotoluene	9.910	165	36151	7.314	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.704	198	856	6.110	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	21703	4.453	ng	# 1

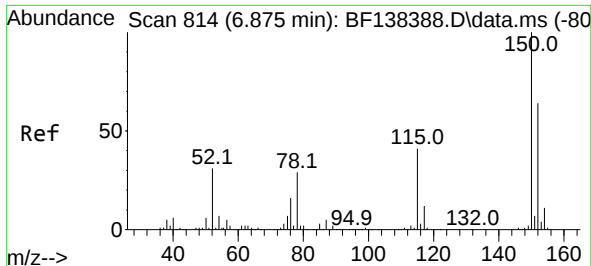
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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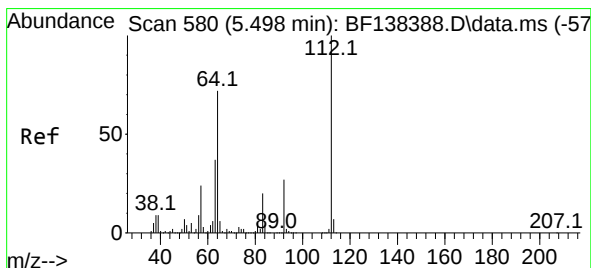
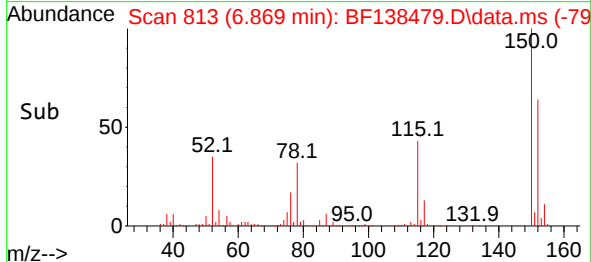
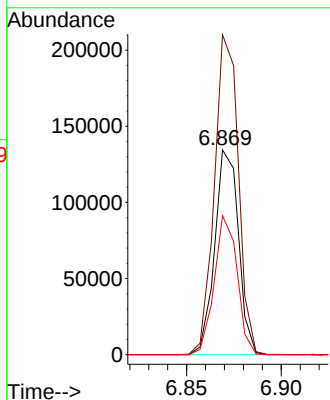
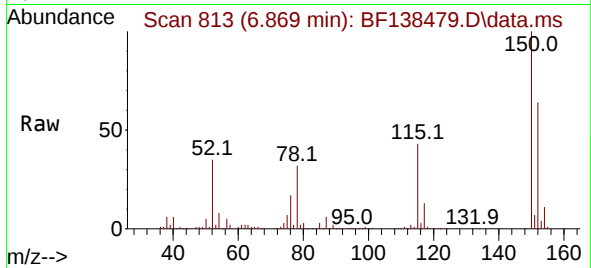




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138479.D
Acq: 08 Jul 2024 13:17

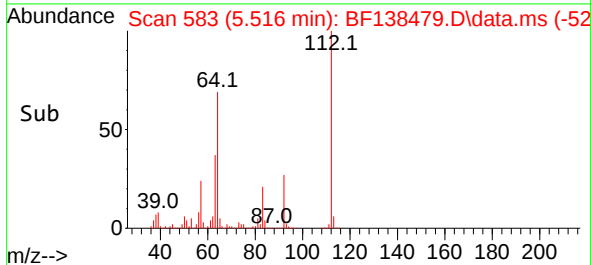
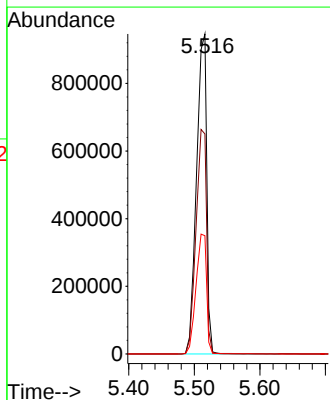
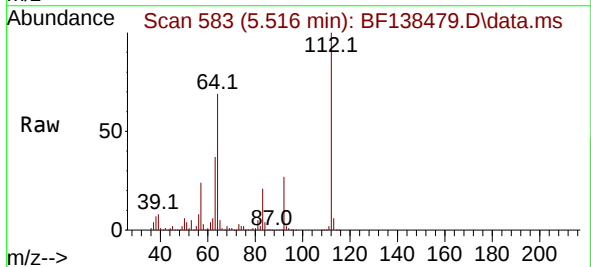
Instrument :
BNA_F
ClientSampleId :
PB161894BL

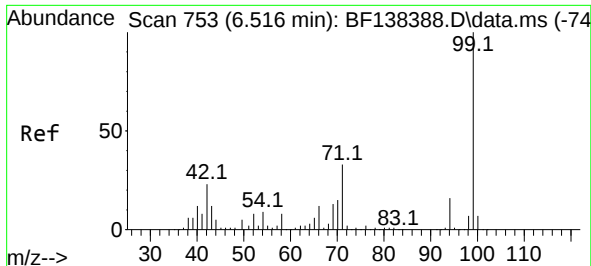
Tgt Ion:152 Resp: 117285
Ion Ratio Lower Upper
152 100
150 156.2 124.9 187.3
115 67.9 50.8 76.2



#5
2-Fluorophenol
Concen: 145.396 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF138479.D
Acq: 08 Jul 2024 13:17

Tgt Ion:112 Resp: 1028543
Ion Ratio Lower Upper
112 100
64 68.7 57.2 85.8
63 37.0 29.4 44.0

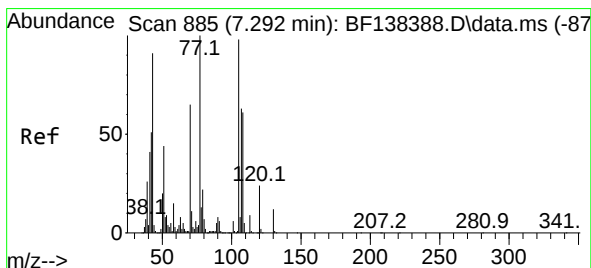
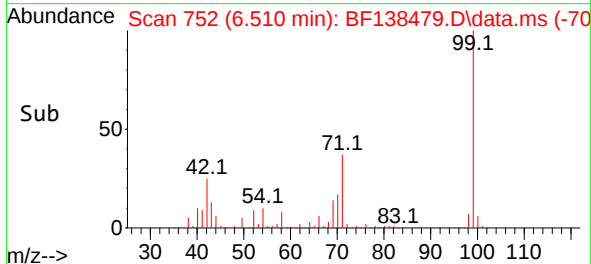
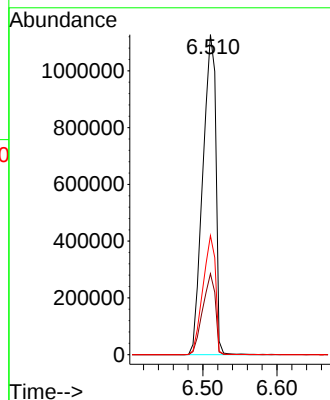
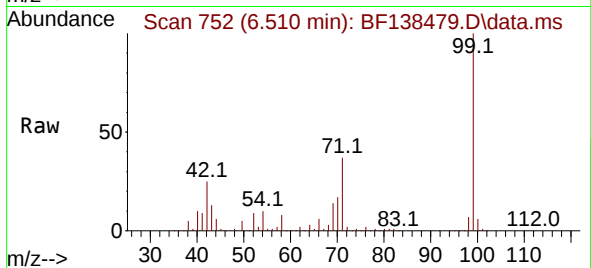




#7
Phenol-d6
Concen: 144.795 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF138479.D
Acq: 08 Jul 2024 13:17

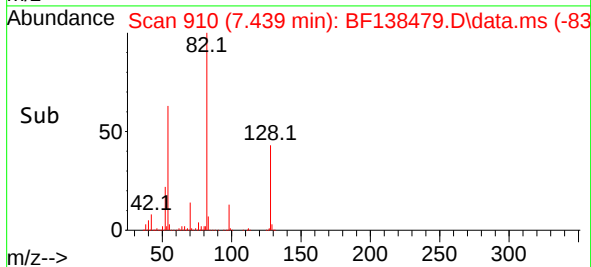
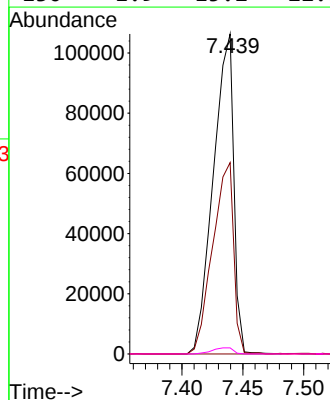
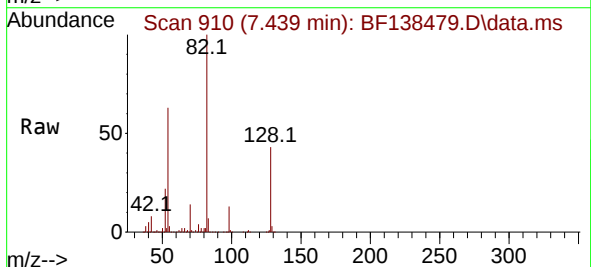
Instrument :
BNA_F
ClientSampleId :
PB161894BL

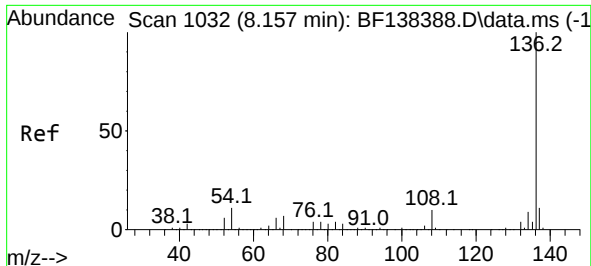
Tgt Ion: 99 Resp: 1379825
Ion Ratio Lower Upper
99 100
42 25.3 18.5 27.7
71 37.2 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 20.639 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF138479.D
Acq: 08 Jul 2024 13:17

Tgt Ion: 70 Resp: 123987
Ion Ratio Lower Upper
70 100
42 59.8 62.5 93.7#
101 0.0 7.0 10.4#
130 1.9 15.2 22.8#

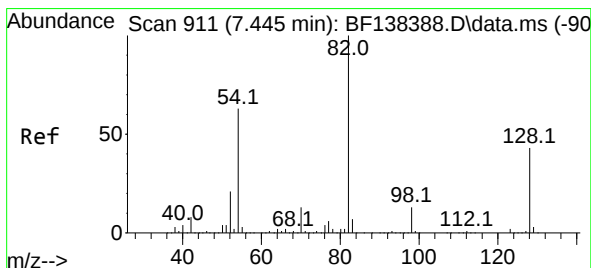
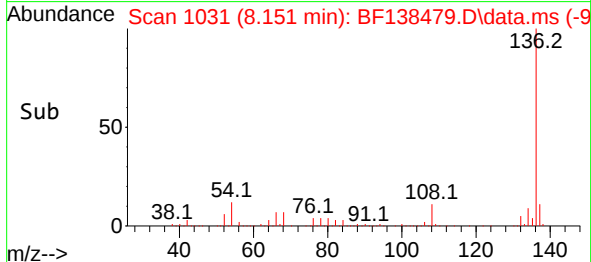
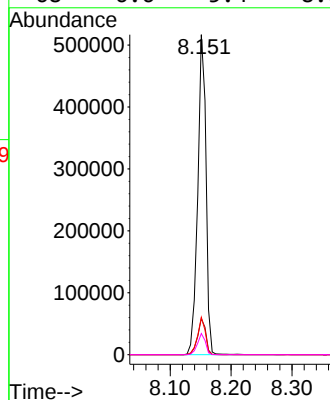
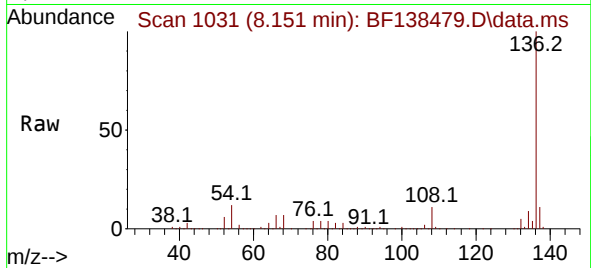




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF138479.D
Acq: 08 Jul 2024 13:17

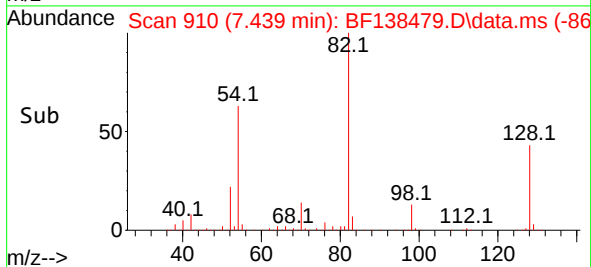
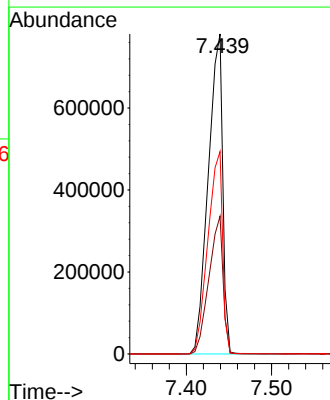
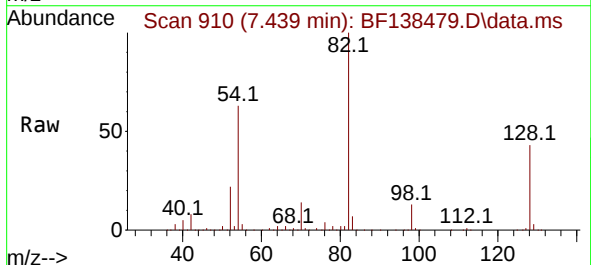
Instrument :
BNA_F
ClientSampleId :
PB161894BL

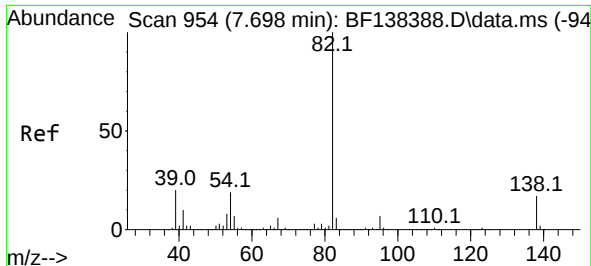
Tgt Ion:	136	Resp:	485955
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	11.7	9.0	13.4
68	6.6	5.4	8.0



#23
Nitrobenzene-d5
Concen: 98.331 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138479.D
Acq: 08 Jul 2024 13:17

Tgt Ion:	82	Resp:	919852
Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	52.0
54	63.2	50.5	75.7

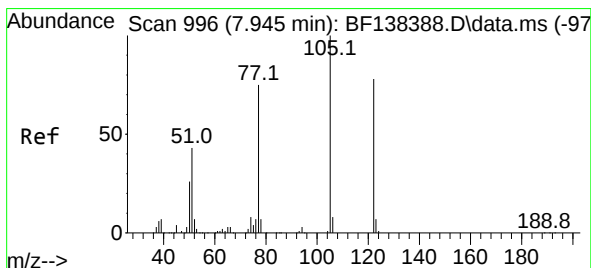
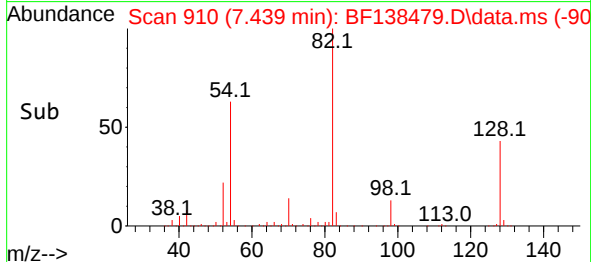
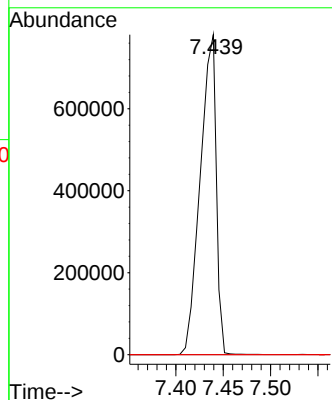
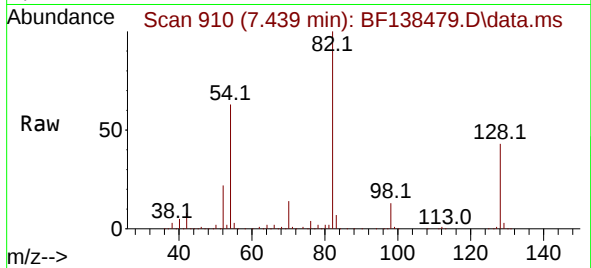




#25
Isophorone
Concen: 53.213 ng
RT: 7.439 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138479.D
Acq: 08 Jul 2024 13:17

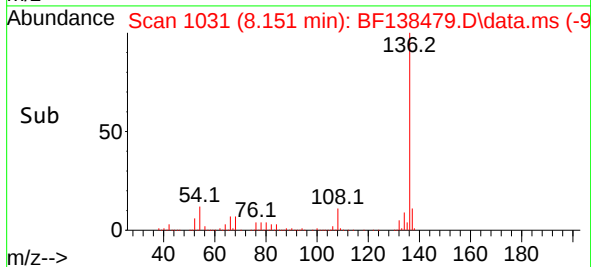
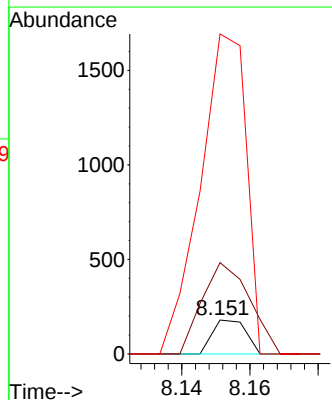
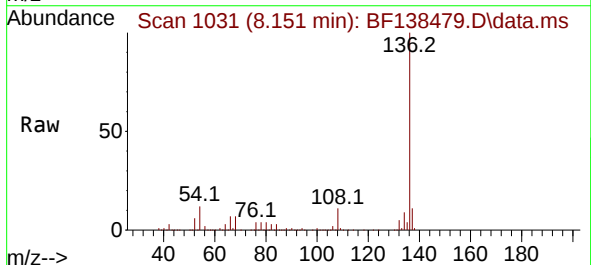
Instrument :
BNA_F
ClientSampleId :
PB161894BL

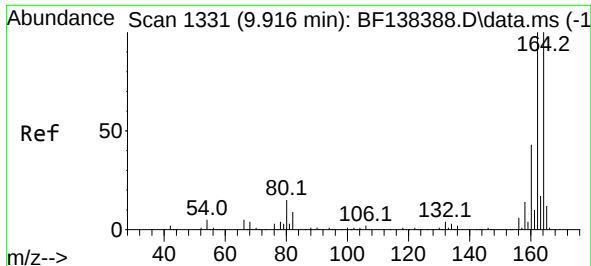
Tgt Ion: 82 Resp: 917882
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#



#32
Benzoic acid
Concen: 4.122 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.206 min
Lab File: BF138479.D
Acq: 08 Jul 2024 13:17

Tgt Ion:122 Resp: 122
Ion Ratio Lower Upper
122 100
105 269.8 103.8 143.8#
77 945.8 74.3 114.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138479.D

Acq: 08 Jul 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB161894BL

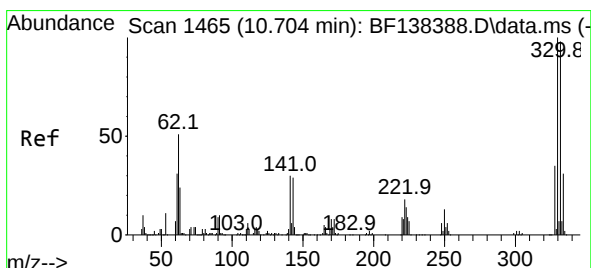
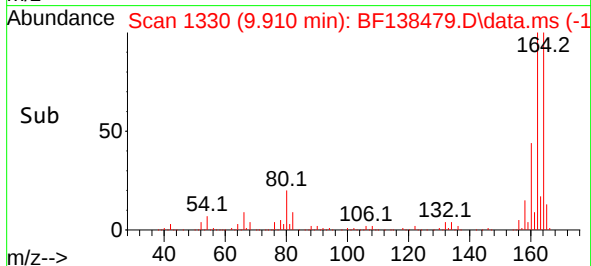
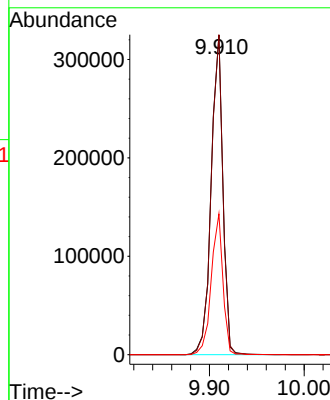
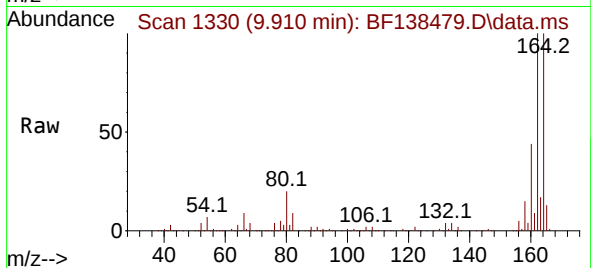
Tgt Ion:164 Resp: 278907

Ion Ratio Lower Upper

164 100

162 100.1 80.1 120.1

160 44.1 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 138.968 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.000 min

Lab File: BF138479.D

Acq: 08 Jul 2024 13:17

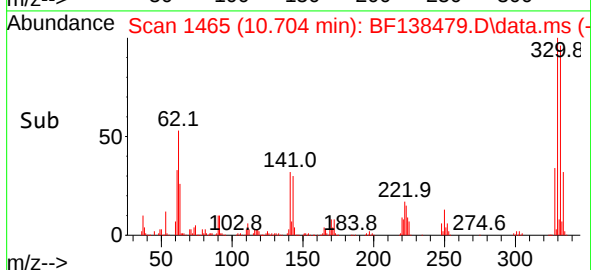
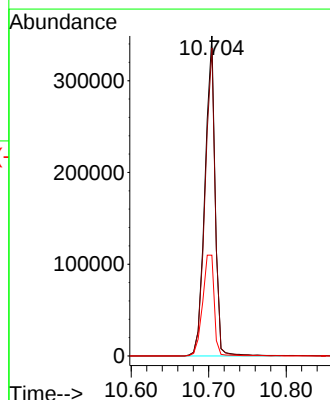
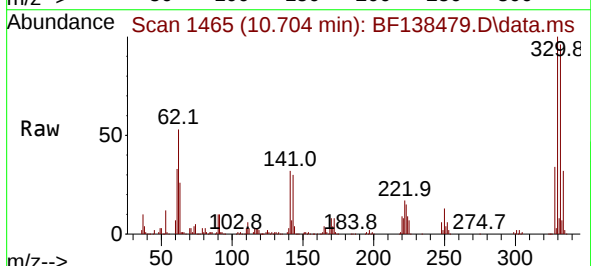
Tgt Ion:330 Resp: 316668

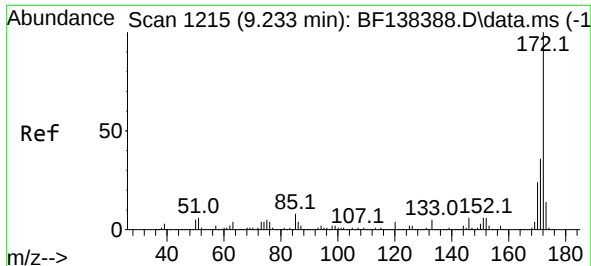
Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

141 36.1 28.1 42.1





#45

2-Fluorobiphenyl

Concen: 90.277 ng

RT: 9.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138479.D

Acq: 08 Jul 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB161894BL

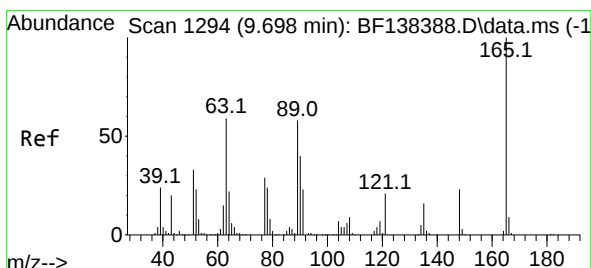
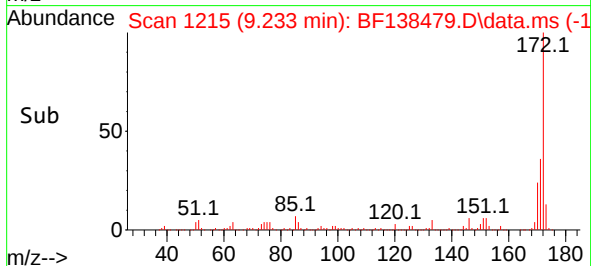
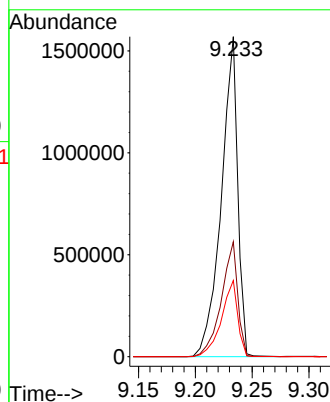
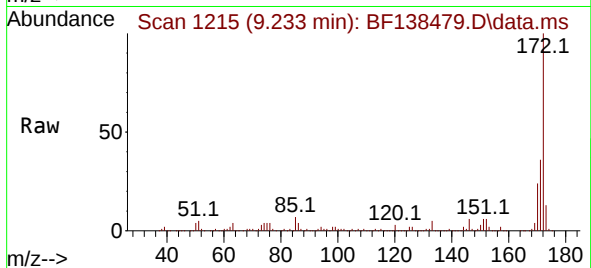
Tgt Ion:172 Resp: 1582125

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

170 23.8 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.005 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.212 min

Lab File: BF138479.D

Acq: 08 Jul 2024 13:17

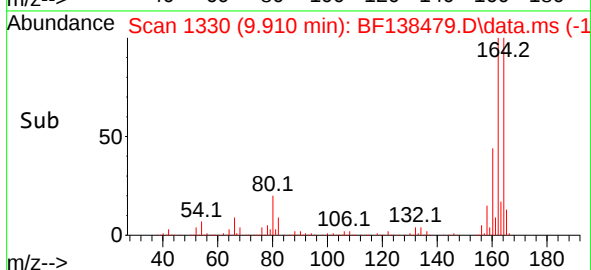
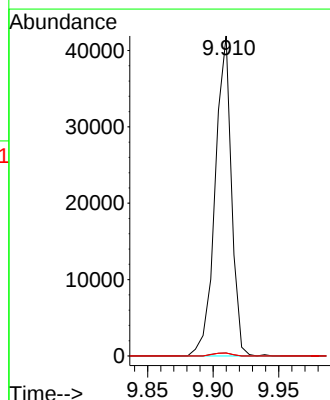
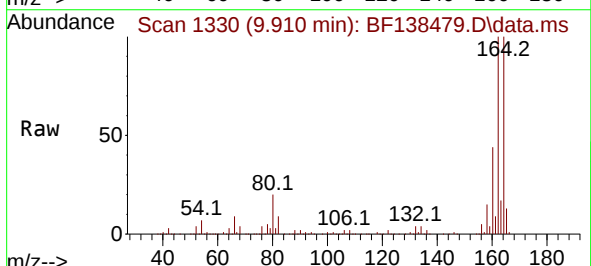
Tgt Ion:165 Resp: 36151

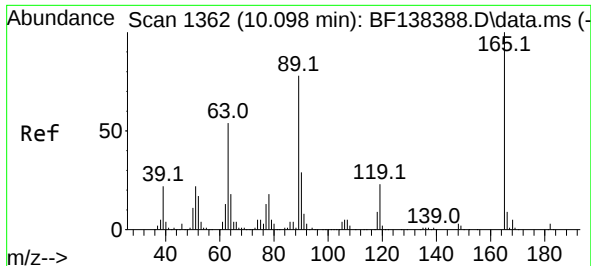
Ion Ratio Lower Upper

165 100

63 1.0 53.8 80.8#

89 0.9 46.4 69.6#

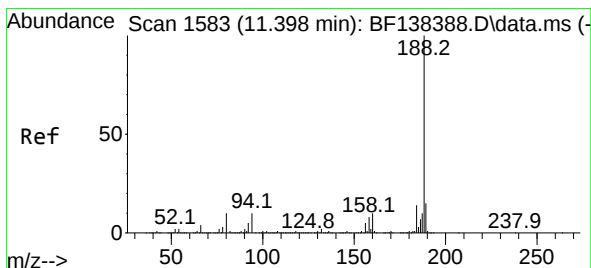
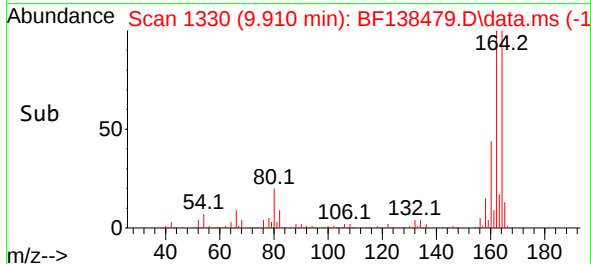
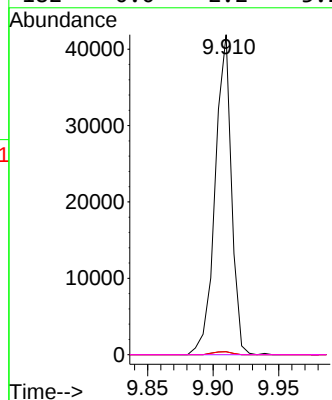
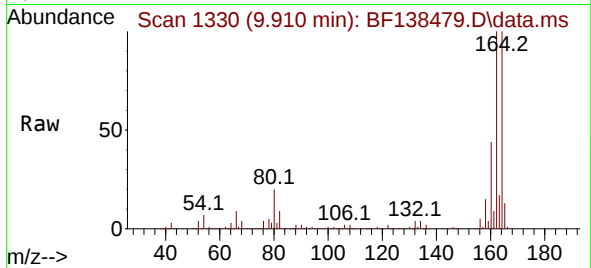




#57
2,4-Dinitrotoluene
Concen: 7.314 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF138479.D
Acq: 08 Jul 2024 13:17

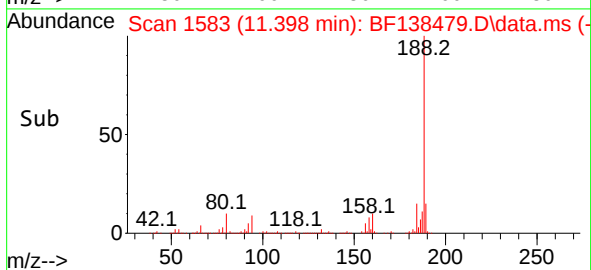
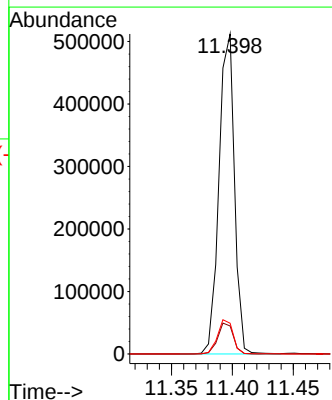
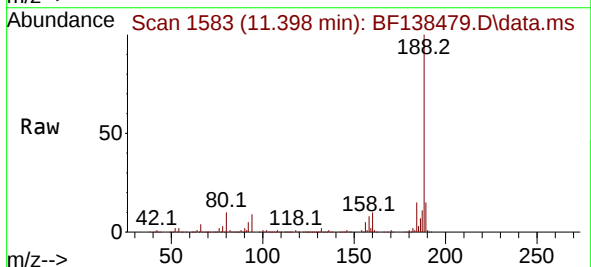
Instrument :
BNA_F
ClientSampleId :
PB161894BL

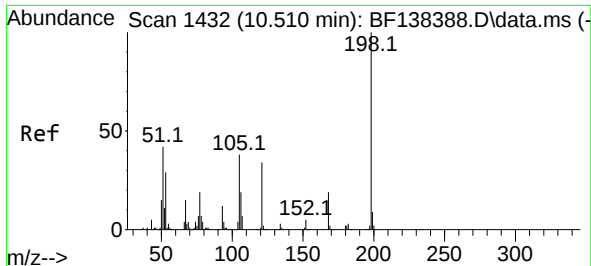
Tgt Ion:165 Resp: 36151
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.2#
89 0.9 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF138479.D
Acq: 08 Jul 2024 13:17

Tgt Ion:188 Resp: 453481
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.6 8.2 12.4





#65

4,6-Dinitro-2-methylphenol

Concen: 6.110 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.194 min

Lab File: BF138479.D

Acq: 08 Jul 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB161894BL

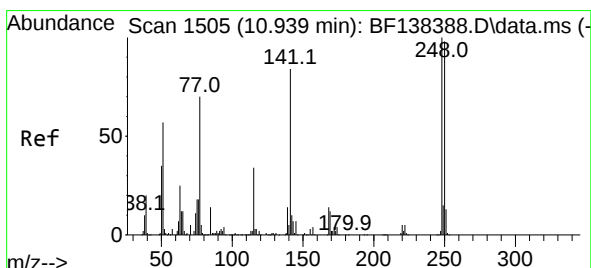
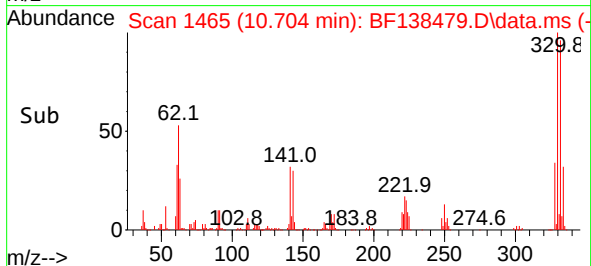
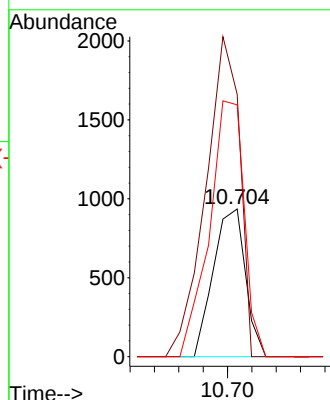
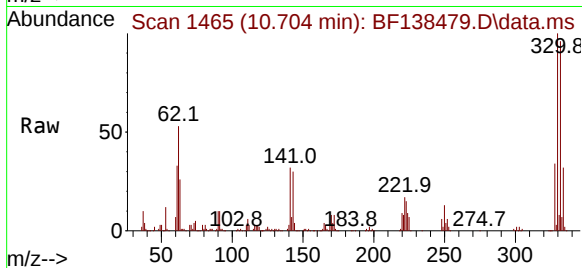
Tgt Ion:198 Resp: 856

Ion Ratio Lower Upper

198 100

51 177.8 27.9 67.9#

105 170.6 18.2 58.2#



#67

4-Bromophenyl-phenylether

Concen: 4.453 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.235 min

Lab File: BF138479.D

Acq: 08 Jul 2024 13:17

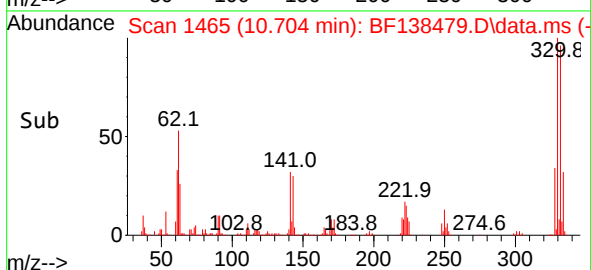
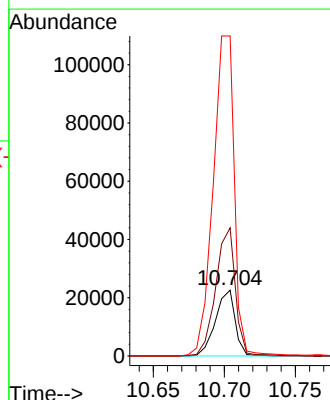
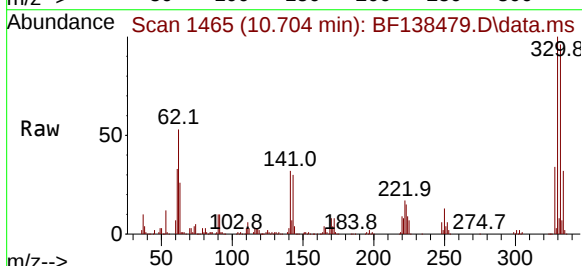
Tgt Ion:248 Resp: 21703

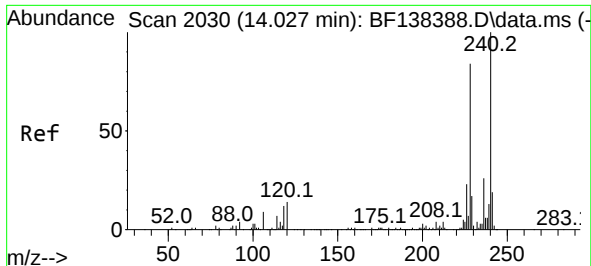
Ion Ratio Lower Upper

248 100

250 194.8 78.2 117.4#

141 486.7 67.6 101.4#

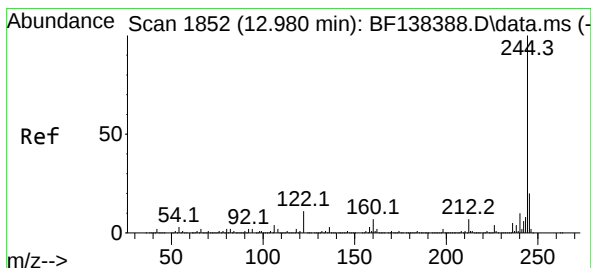
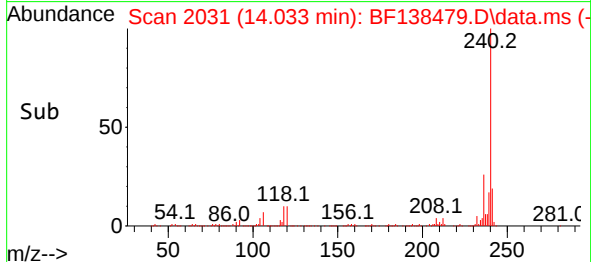
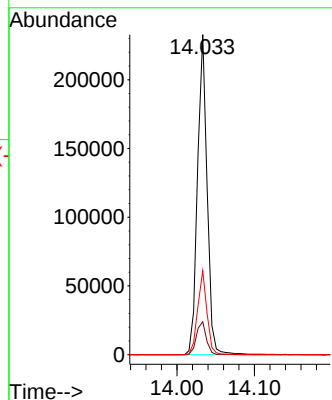
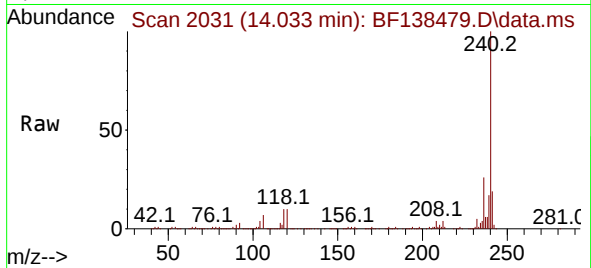




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF138479.D
Acq: 08 Jul 2024 13:17

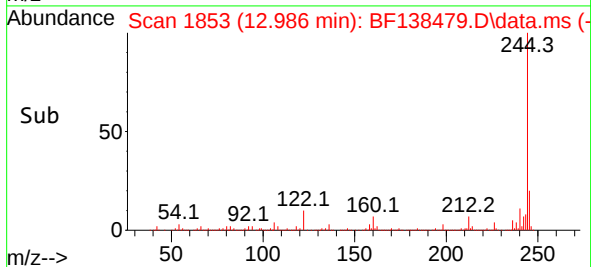
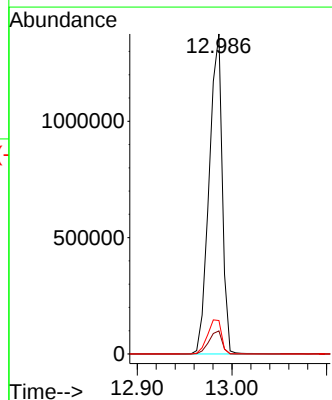
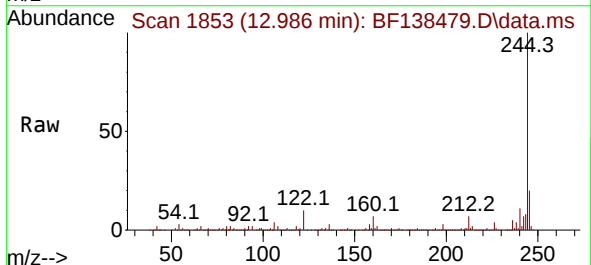
Instrument :
BNA_F
ClientSampleId :
PB161894BL

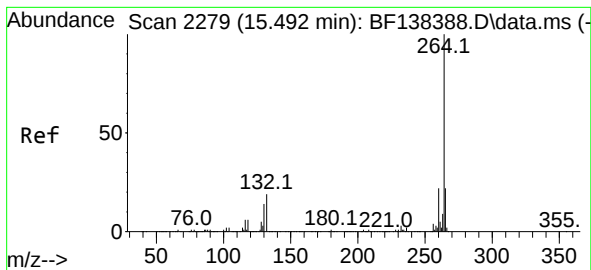
Tgt Ion:240 Resp: 200639
Ion Ratio Lower Upper
240 100
120 10.3 10.9 16.3#
236 26.2 20.6 30.8



#79
Terphenyl-d14
Concen: 89.609 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF138479.D
Acq: 08 Jul 2024 13:17

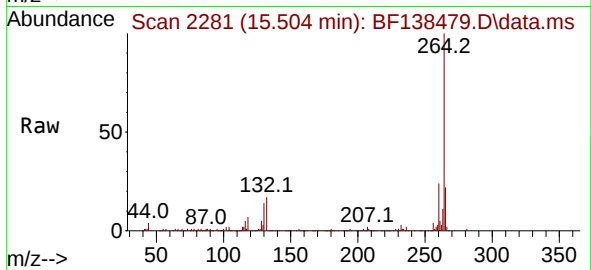
Tgt Ion:244 Resp: 1311932
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 10.4 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF138479.D
 Acq: 08 Jul 2024 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB161894BL



Tgt Ion:264 Resp: 172079
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.8 26.6
 265 21.7 17.5 26.3

