

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138430.D
 Acq On : 02 Jul 2024 16:26
 Operator : CG\JU
 Sample : PB161821TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 17:06:35 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)

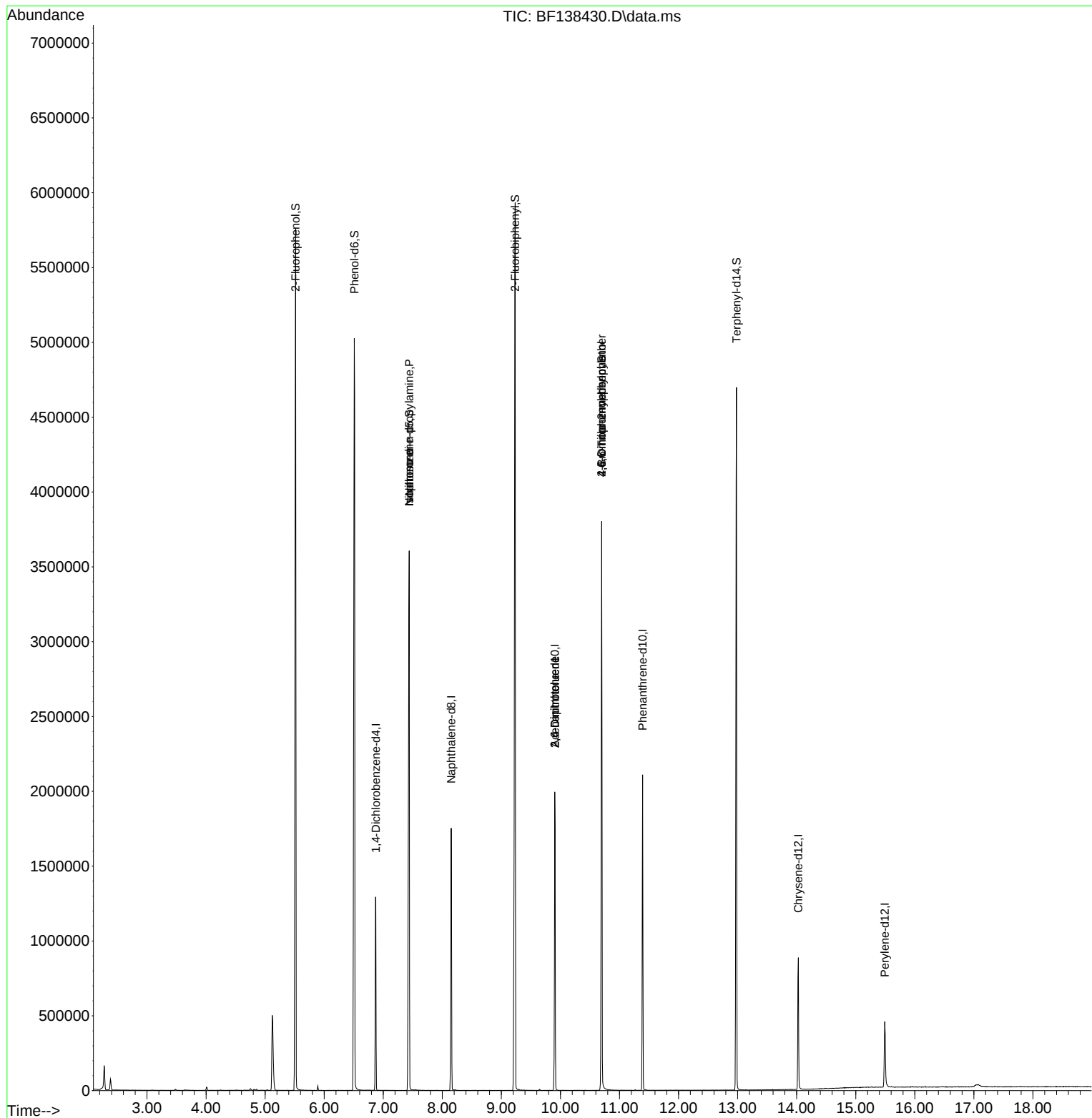
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	187333	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	767571	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	432252	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	683709	20.000	ng	0.00
76) Chrysene-d12	14.027	240	282888	20.000	ng	0.00
86) Perylene-d12	15.492	264	221007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1549228	137.111	ng	0.02
7) Phenol-d6	6.510	99	2073530	136.229	ng	0.00
23) Nitrobenzene-d5	7.439	82	1371687	92.833	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	442093	125.184	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2262814	83.312	ng	0.00
79) Terphenyl-d14	12.980	244	1640481	79.471	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	183393	19.112	ng	# 75
25) Isophorone	7.439	82	1366333	50.150	ng	# 67
51) 2,6-Dinitrotoluene	9.904	165	55450	8.912	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	55450	7.238	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.698	198	1041	6.050	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	30134	4.100	ng	# 1

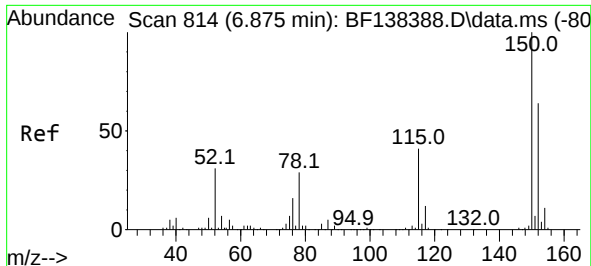
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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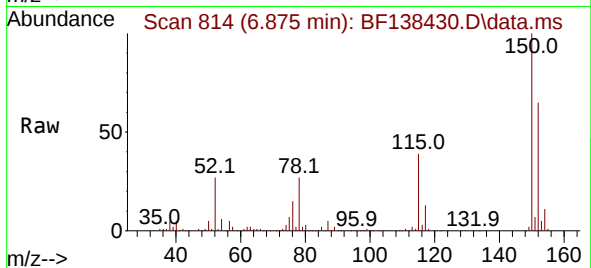
Quant Time: Jul 02 17:06:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
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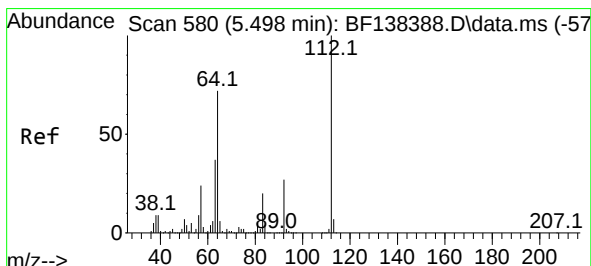
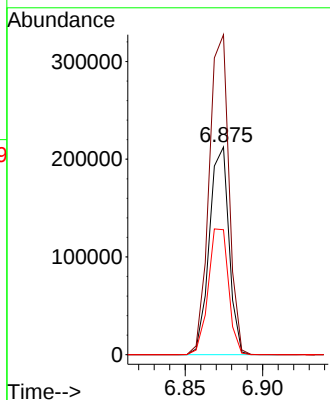
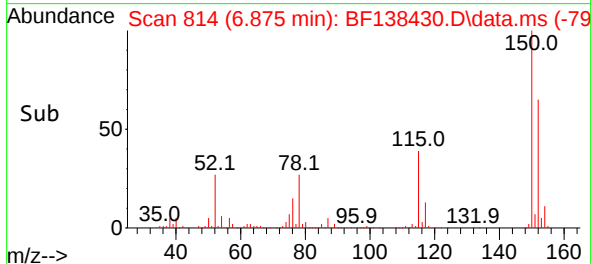


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138430.D
Acq: 02 Jul 2024 16:26

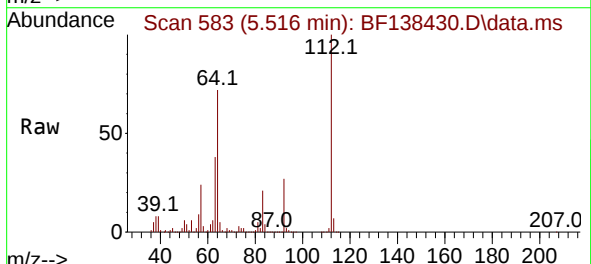
Instrument :
BNA_F
ClientSampleId :



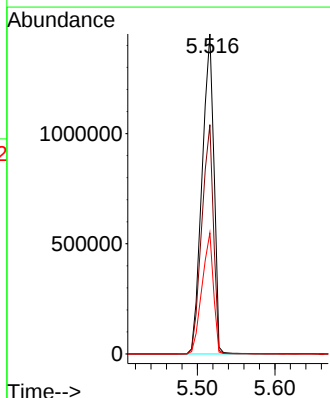
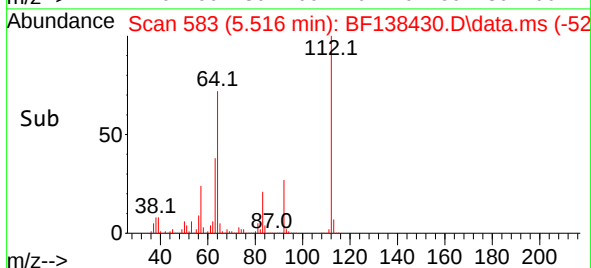
Tgt Ion:152 Resp: 187333
Ion Ratio Lower Upper
152 100
150 154.1 124.9 187.3
115 60.2 50.8 76.2

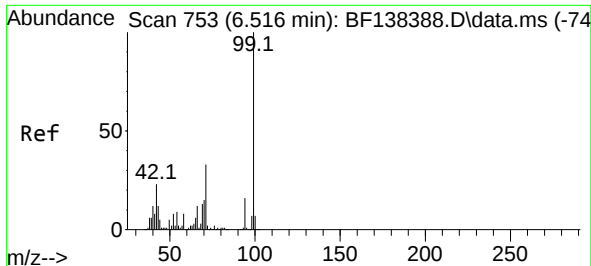


#5
2-Fluorophenol
Concen: 137.111 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF138430.D
Acq: 02 Jul 2024 16:26



Tgt Ion:112 Resp: 1549228
Ion Ratio Lower Upper
112 100
64 71.6 57.2 85.8
63 37.9 29.4 44.0

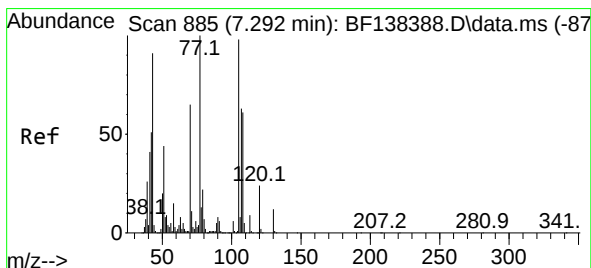
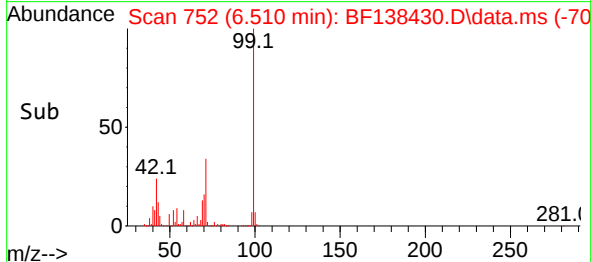
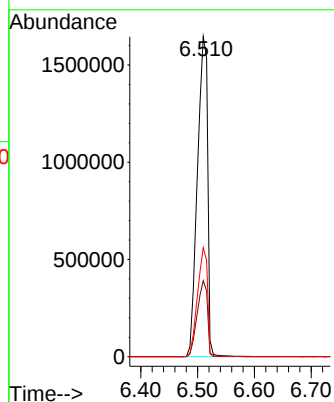
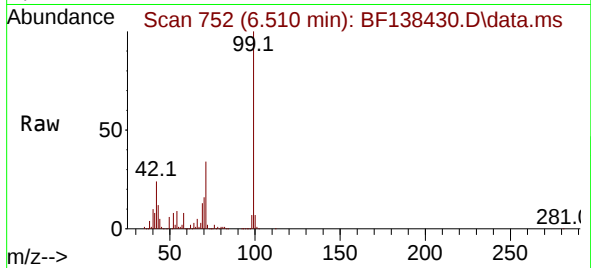




#7
Phenol-d6
Concen: 136.229 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF138430.D
Acq: 02 Jul 2024 16:26

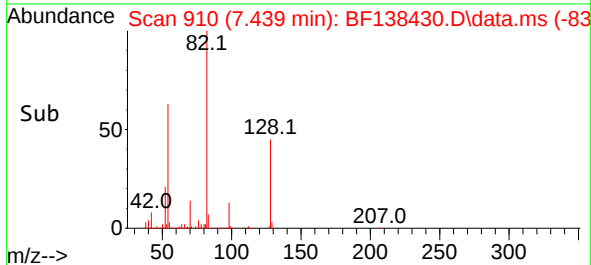
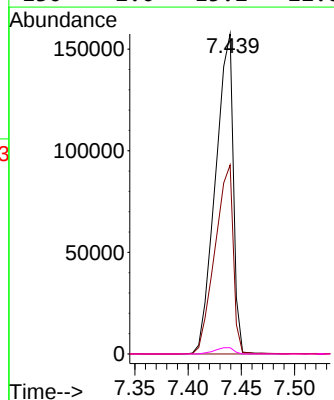
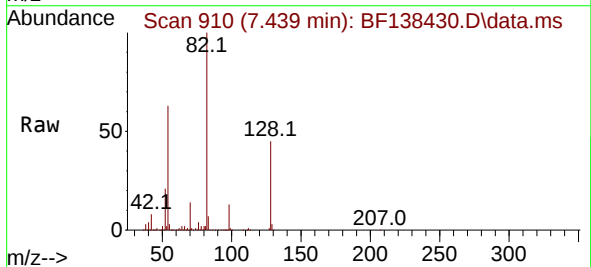
Instrument :
BNA_F
ClientSampleId :

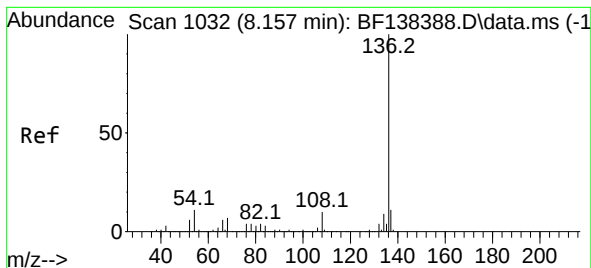
Tgt Ion: 99 Resp: 2073530
Ion Ratio Lower Upper
99 100
42 23.8 18.5 27.7
71 34.1 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.112 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF138430.D
Acq: 02 Jul 2024 16:26

Tgt Ion: 70 Resp: 183393
Ion Ratio Lower Upper
70 100
42 59.1 62.5 93.7#
101 0.0 7.0 10.4#
130 2.0 15.2 22.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

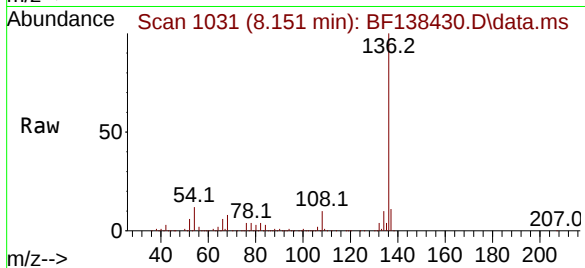
Lab File: BF138430.D

Acq: 02 Jul 2024 16:26

Instrument :

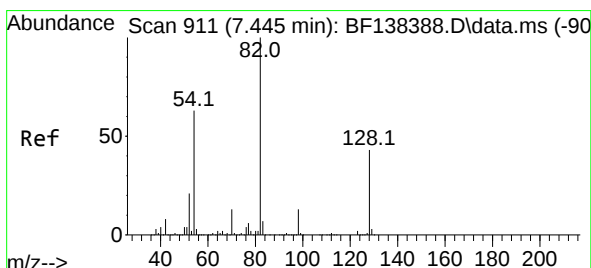
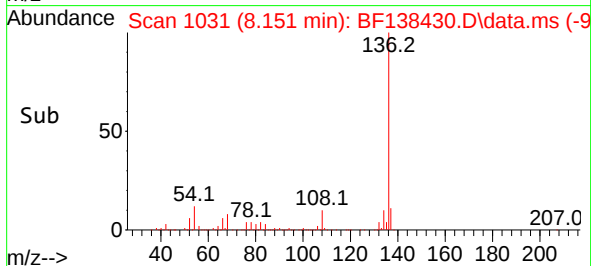
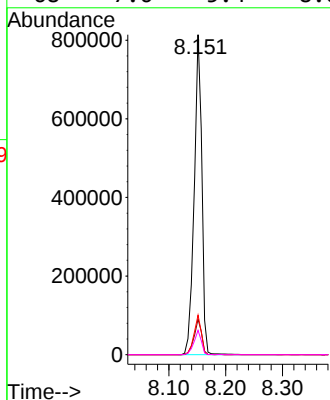
BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 767571

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	12.4	9.0	13.4
68	7.6	5.4	8.0



#23

Nitrobenzene-d5

Concen: 92.833 ng

RT: 7.439 min Scan# 910

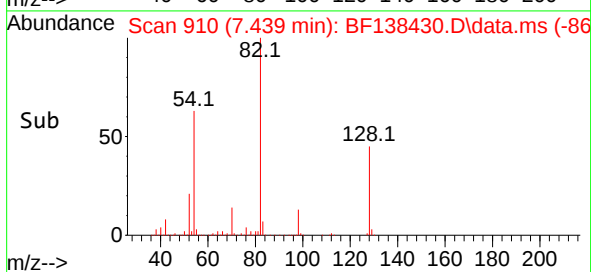
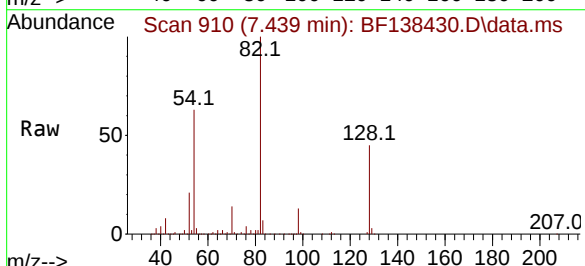
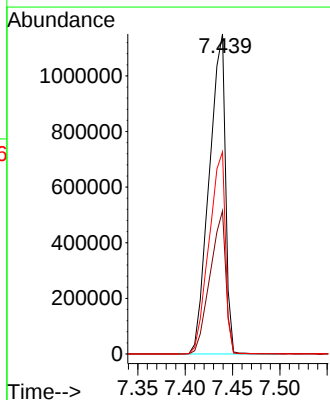
Delta R.T. -0.006 min

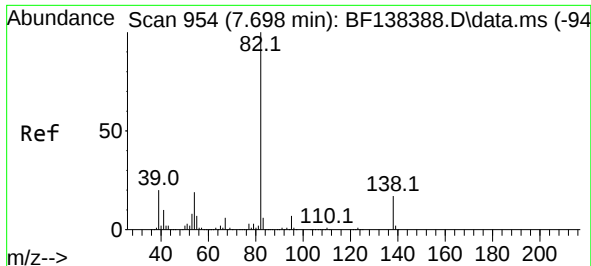
Lab File: BF138430.D

Acq: 02 Jul 2024 16:26

Tgt Ion: 82 Resp: 1371687

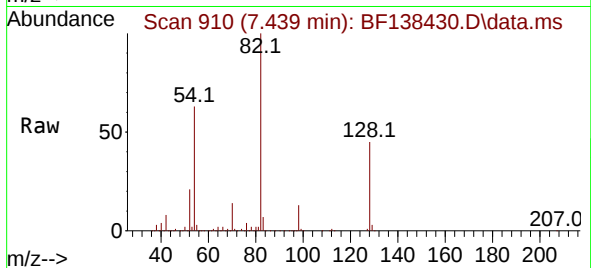
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	52.0
54	63.1	50.5	75.7



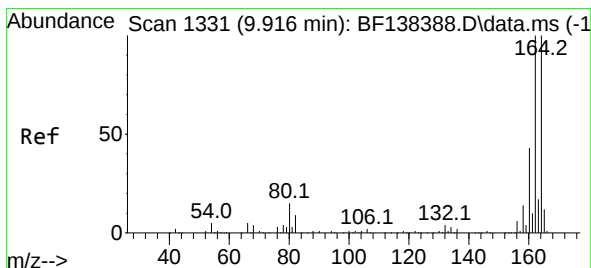
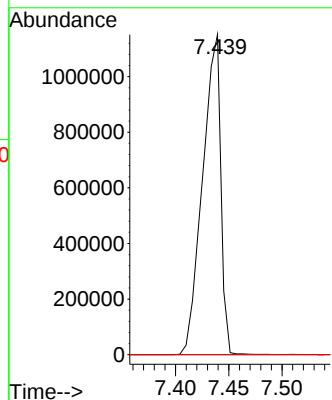
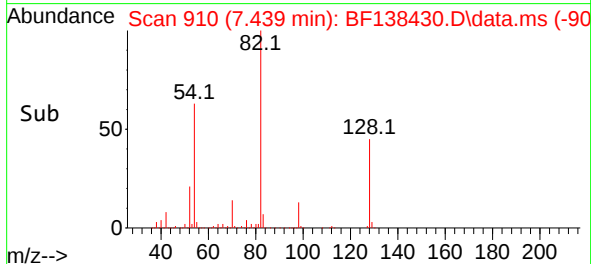


#25
Isophorone
Concen: 50.150 ng
RT: 7.439 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138430.D
Acq: 02 Jul 2024 16:26

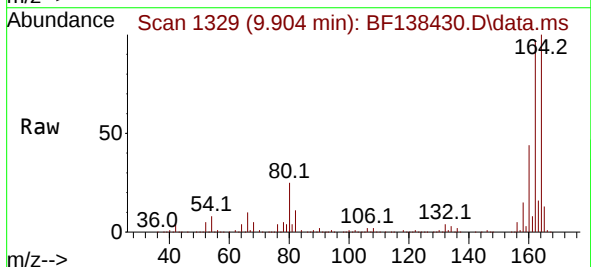
Instrument :
BNA_F
ClientSampleId :



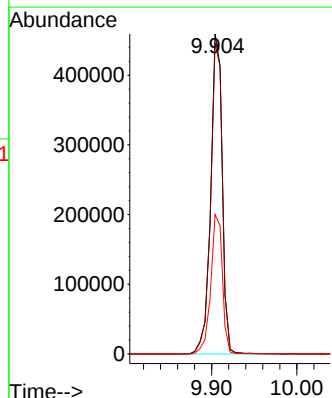
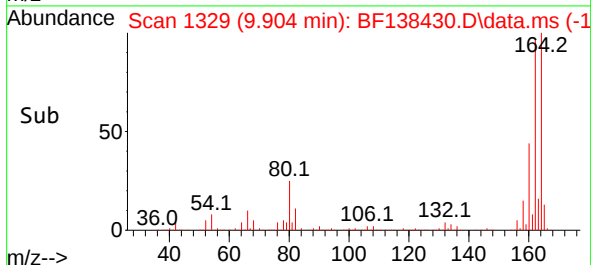
Tgt Ion: 82 Resp: 1366333
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#

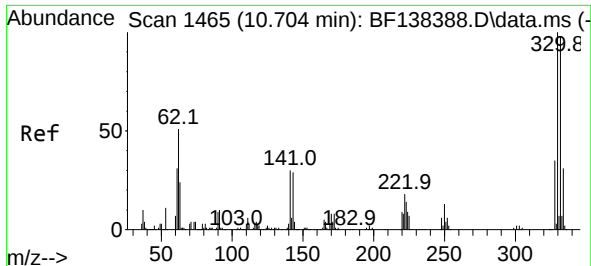


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF138430.D
Acq: 02 Jul 2024 16:26



Tgt Ion:164 Resp: 432252
Ion Ratio Lower Upper
164 100
162 97.1 80.1 120.1
160 43.6 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 125.184 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

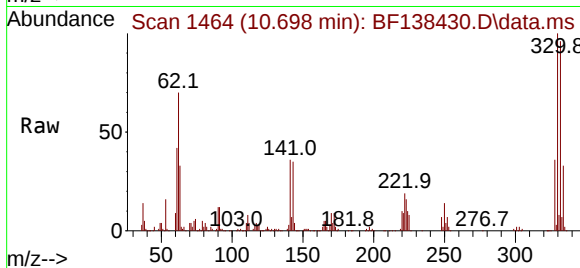
Lab File: BF138430.D

Acq: 02 Jul 2024 16:26

Instrument :

BNA_F

ClientSampleId :



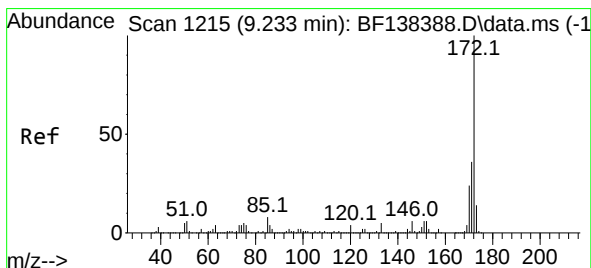
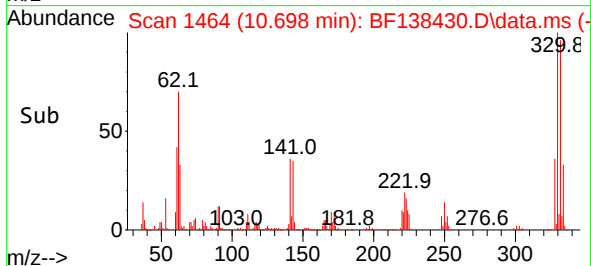
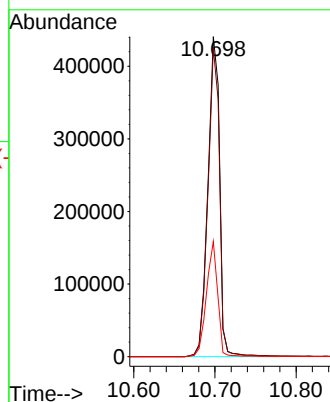
Tgt Ion:330 Resp: 442093

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

141 34.8 28.1 42.1



#45

2-Fluorobiphenyl

Concen: 83.312 ng

RT: 9.233 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF138430.D

Acq: 02 Jul 2024 16:26

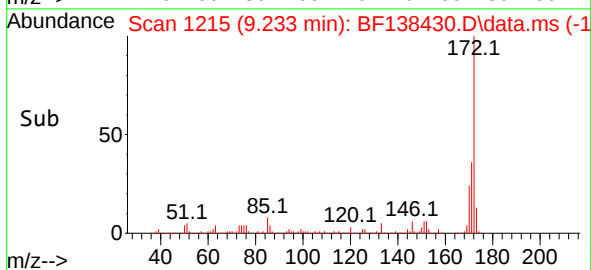
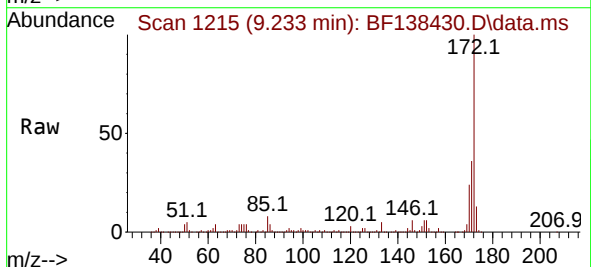
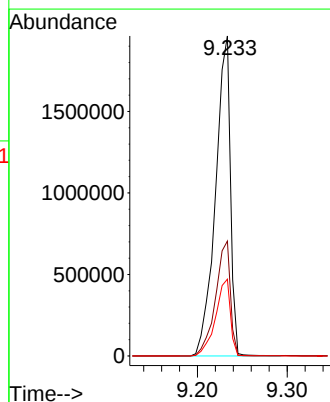
Tgt Ion:172 Resp: 2262814

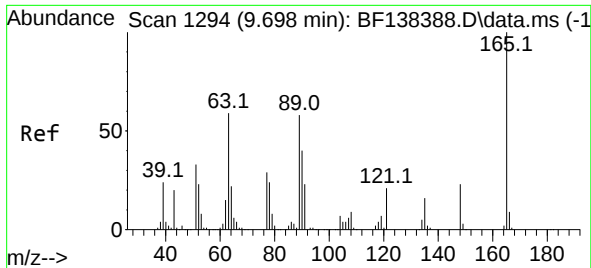
Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

170 24.0 19.0 28.6

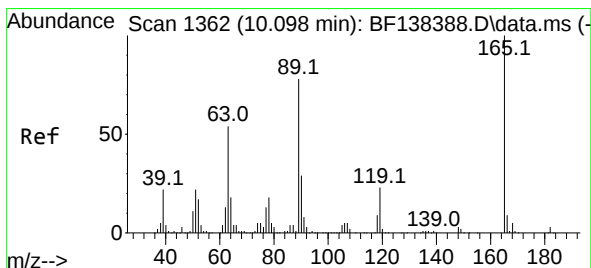
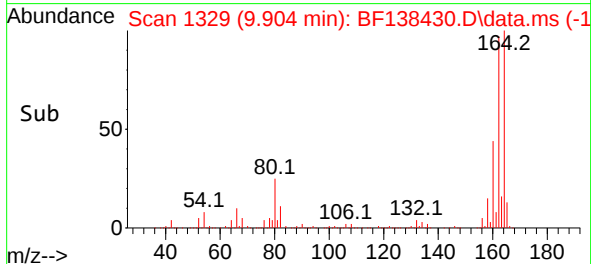
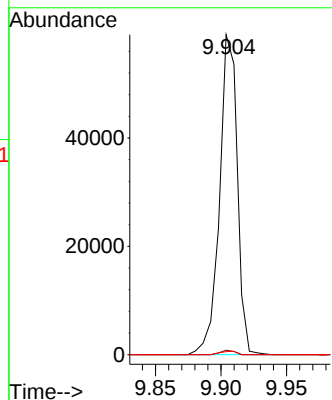
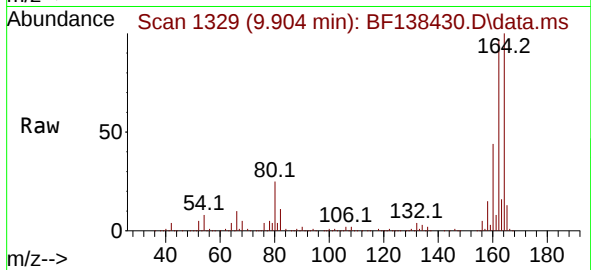




#51
2,6-Dinitrotoluene
Concen: 8.912 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138430.D
Acq: 02 Jul 2024 16:26

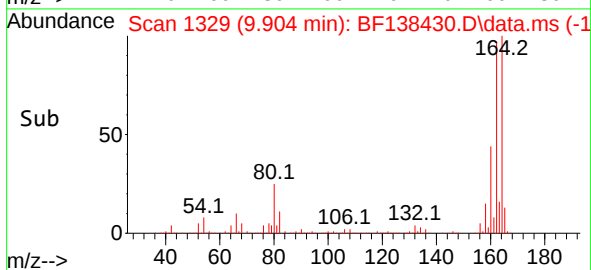
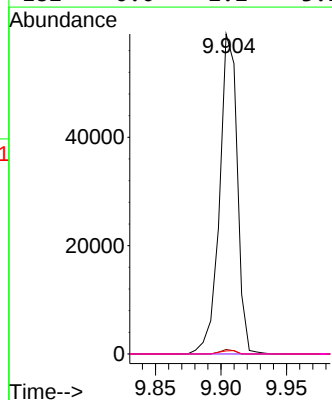
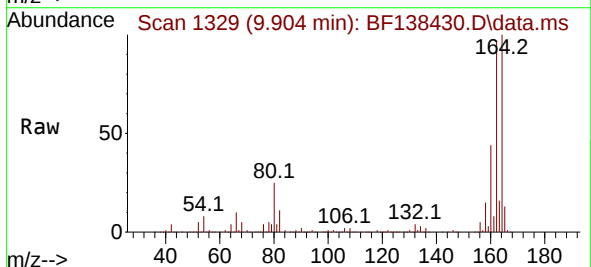
Instrument :
BNA_F
ClientSampleId :

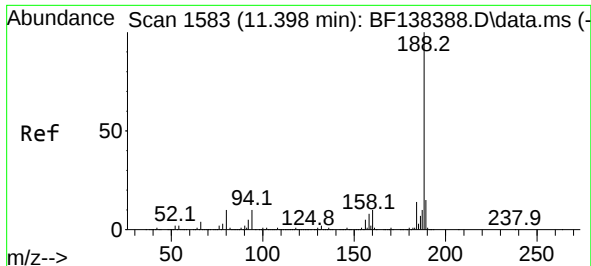
Tgt Ion:165 Resp: 55450
Ion Ratio Lower Upper
165 100
63 1.4 53.8 80.8#
89 1.0 46.4 69.6#



#57
2,4-Dinitrotoluene
Concen: 7.238 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF138430.D
Acq: 02 Jul 2024 16:26

Tgt Ion:165 Resp: 55450
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.2#
89 1.0 62.6 93.8#
182 0.0 2.2 3.2#

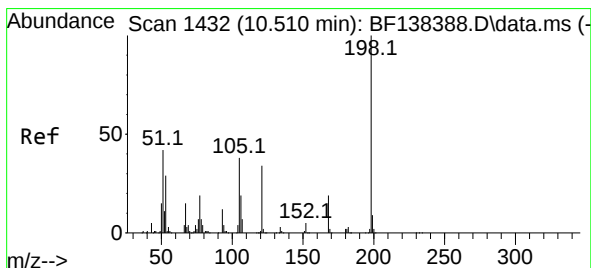
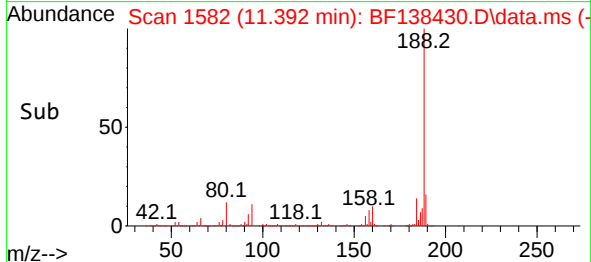
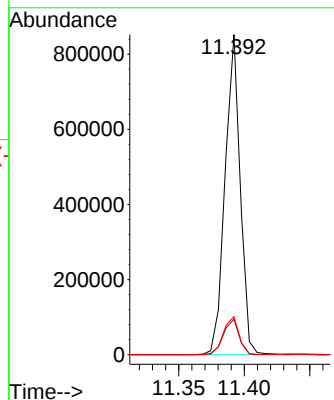
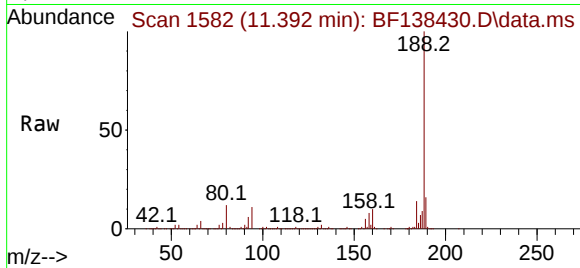




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138430.D
Acq: 02 Jul 2024 16:26

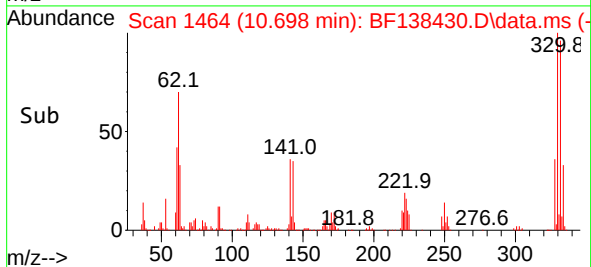
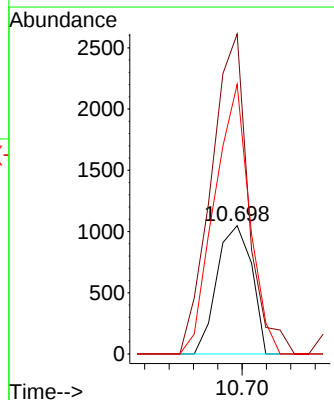
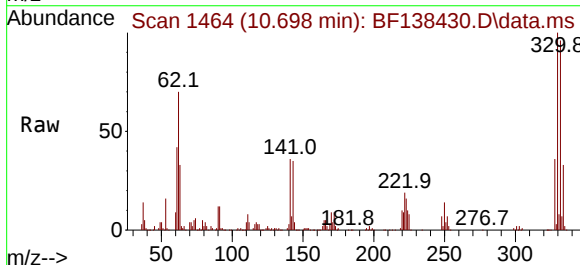
Instrument :
BNA_F
ClientSampleId :

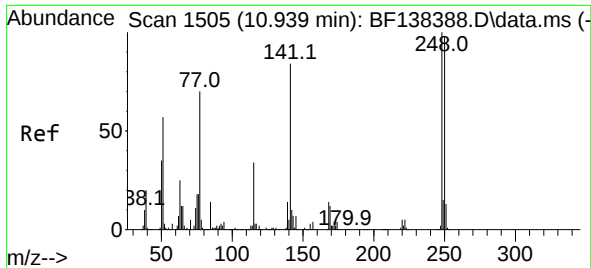
Tgt Ion:188 Resp: 683709
Ion Ratio Lower Upper
188 100
94 11.1 8.0 12.0
80 11.9 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 6.050 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF138430.D
Acq: 02 Jul 2024 16:26

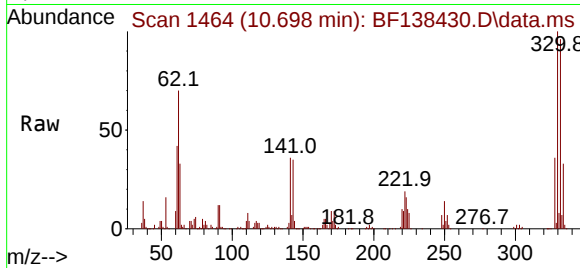
Tgt Ion:198 Resp: 1041
Ion Ratio Lower Upper
198 100
51 249.3 27.9 67.9#
105 210.0 18.2 58.2#



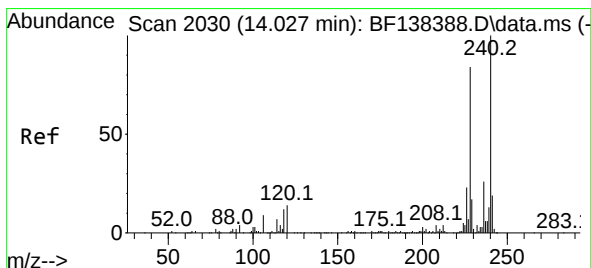
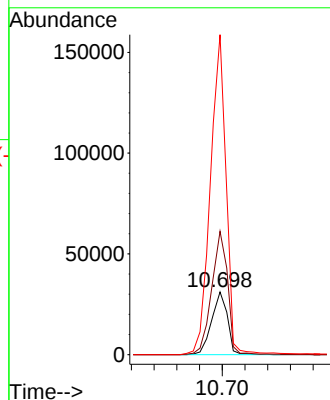
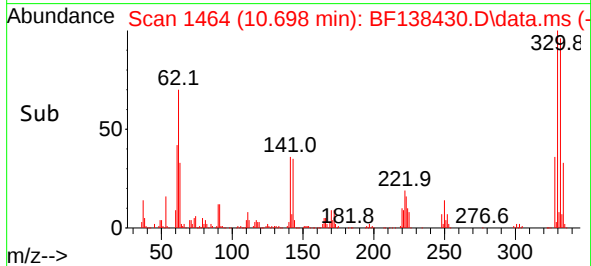


#67
4-Bromophenyl-phenylether
Concen: 4.100 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF138430.D
Acq: 02 Jul 2024 16:26

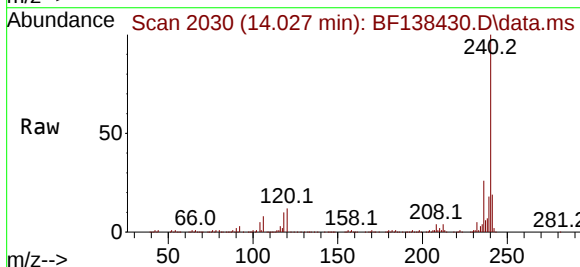
Instrument :
BNA_F
ClientSampleId :



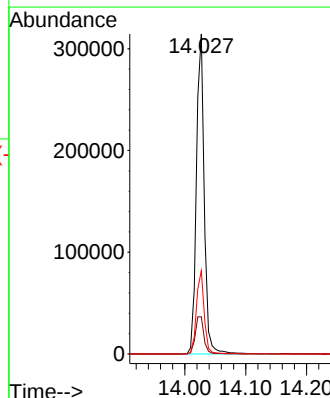
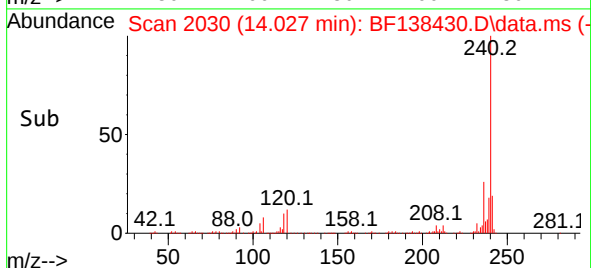
Tgt Ion:248 Resp: 30134
Ion Ratio Lower Upper
248 100
250 196.7 78.2 117.4#
141 510.5 67.6 101.4#

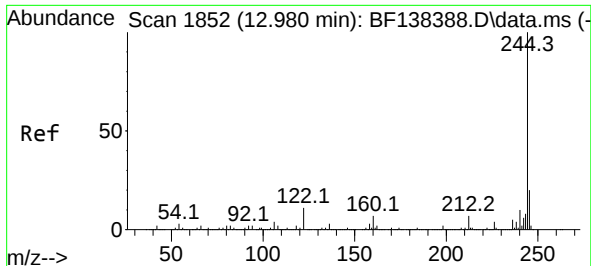


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF138430.D
Acq: 02 Jul 2024 16:26



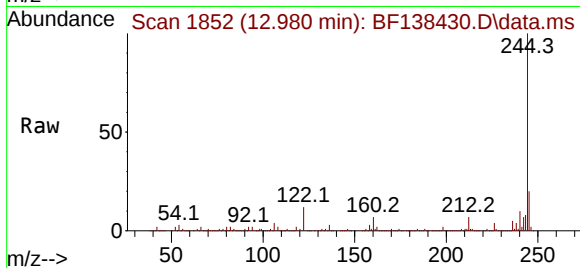
Tgt Ion:240 Resp: 282888
Ion Ratio Lower Upper
240 100
120 11.6 10.9 16.3
236 26.0 20.6 30.8



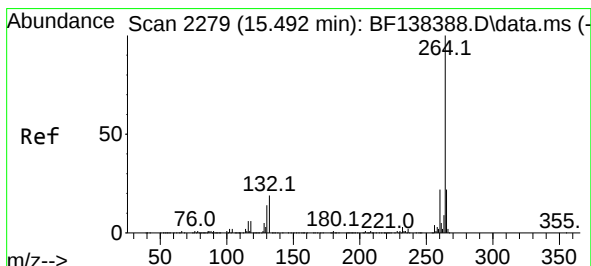
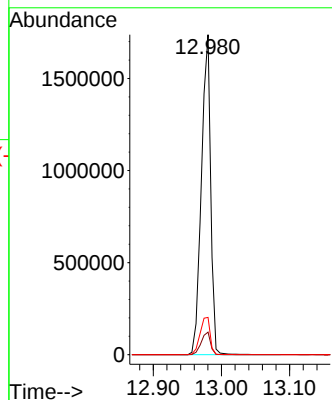
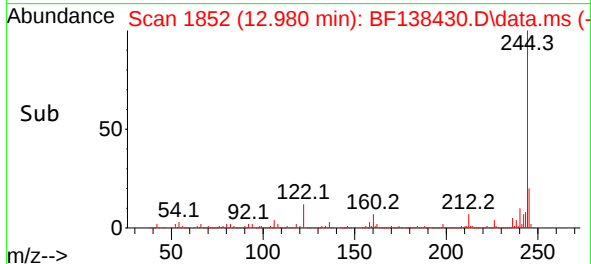


#79
 Terphenyl-d14
 Concen: 79.471 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF138430.D
 Acq: 02 Jul 2024 16:26

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1640481
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.7 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: BF138430.D
 Acq: 02 Jul 2024 16:26

Tgt Ion:264 Resp: 221007
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.8 26.6
 265 21.3 17.5 26.3

