

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133388.D
 Acq On : 15 May 2023 17:48
 Operator : CG\JU
 Sample : 02774-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1

Quant Time: May 15 18:16:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

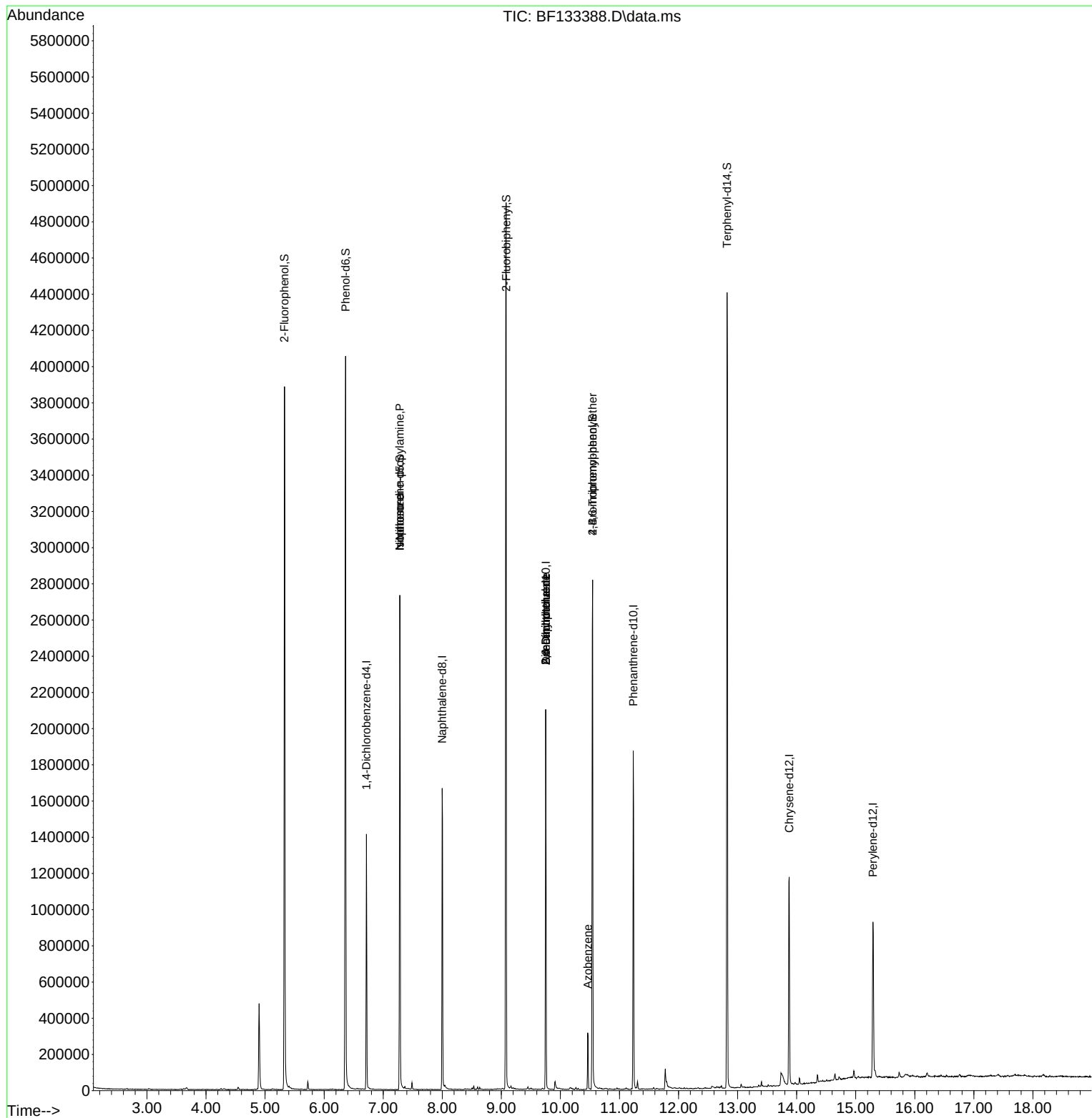
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	184641	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	748110	20.000	ng	-0.01
39) Acenaphthene-d10	9.751	164	383598	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	678293	20.000	ng	0.00
76) Chrysene-d12	13.874	240	389542	20.000	ng	0.00
86) Perylene-d12	15.292	264	404056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1159820	94.889	ng	0.00
7) Phenol-d6	6.363	99	1406708	92.722	ng	0.00
23) Nitrobenzene-d5	7.281	82	849161	61.268	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	358387	92.899	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1539250	67.132	ng	0.00
79) Terphenyl-d14	12.822	244	1582556	70.066	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.257	77	65	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.281	70	110322	11.681	ng	# 76
25) Isophorone	7.281	82	849161	32.269	ng	# 62
50) Dimethylphthalate	9.751	163	73361	2.743	ng	# 1
51) 2,6-Dinitrotoluene	9.751	165	49241	8.179	ng	# 24
57) 2,4-Dinitrotoluene	9.751	165	49241	6.414	ng	# 23
63) Azobenzene	10.463	77	54121	2.022	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	22918	3.115	ng	# 1

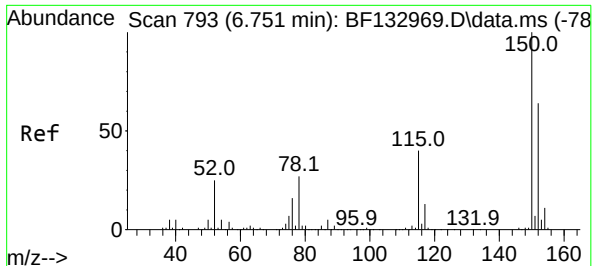
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133388.D
Acq On : 15 May 2023 17:48
Operator : CG\JU
Sample : 02774-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-N-1

Quant Time: May 15 18:16:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 16:40:17 2023
Response via : Initial Calibration

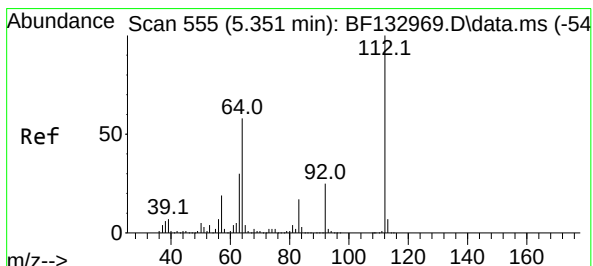
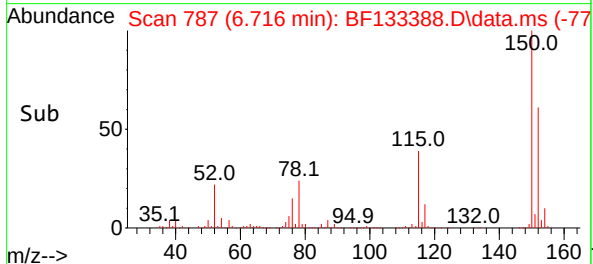
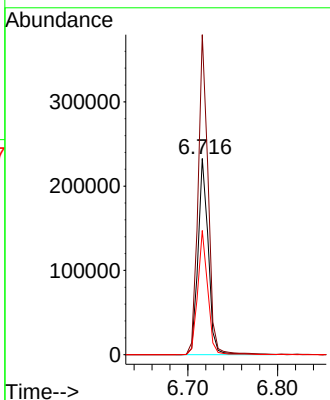
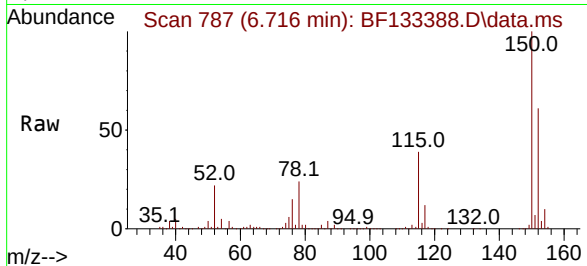




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.716 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133388.D
 Acq: 15 May 2023 17:48

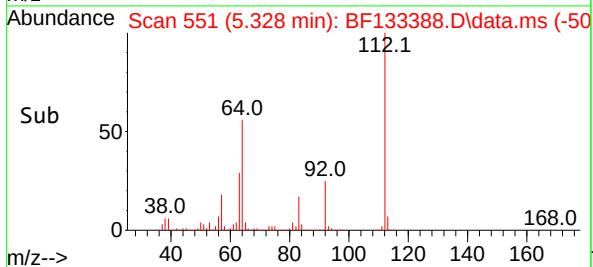
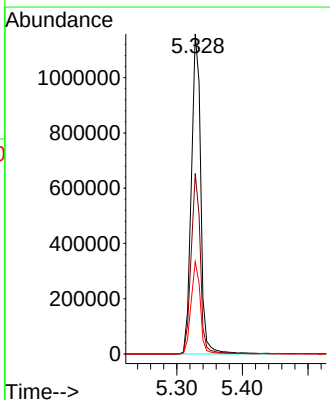
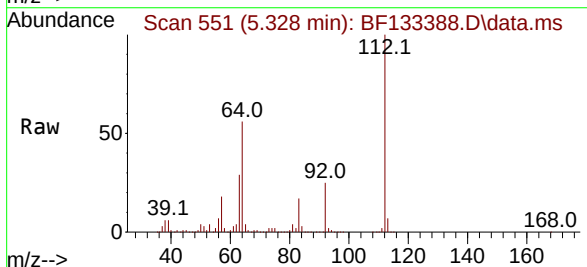
Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1

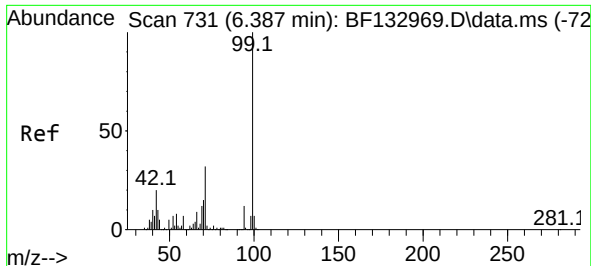
Tgt Ion:152 Resp: 184641
 Ion Ratio Lower Upper
 152 100
 150 163.2 124.8 187.2
 115 63.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 94.889 ng
 RT: 5.328 min Scan# 551
 Delta R.T. 0.000 min
 Lab File: BF133388.D
 Acq: 15 May 2023 17:48

Tgt Ion:112 Resp: 1159820
 Ion Ratio Lower Upper
 112 100
 64 56.4 46.8 70.2
 63 28.8 23.8 35.8

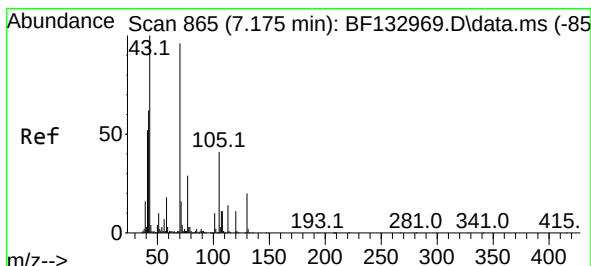
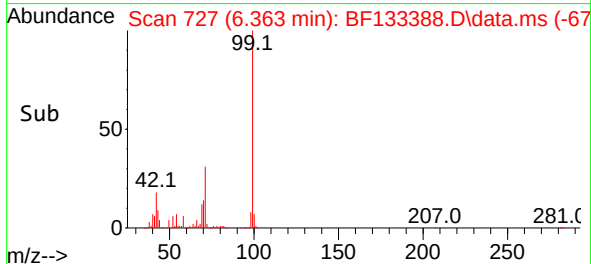
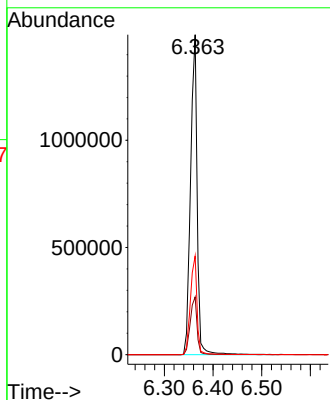
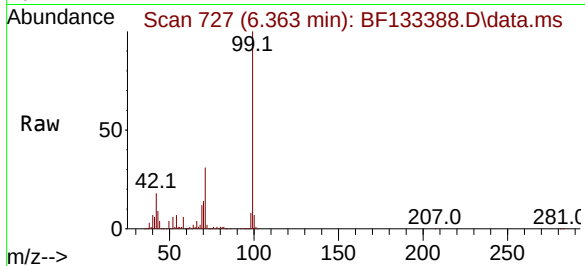




#7
Phenol-d6
Concen: 92.722 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133388.D
Acq: 15 May 2023 17:48

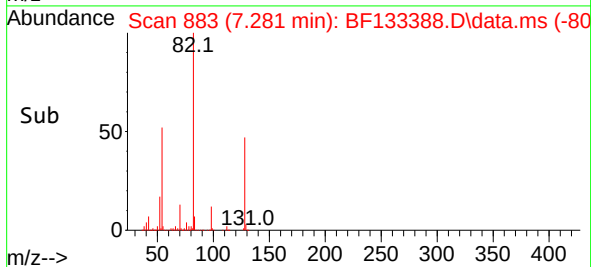
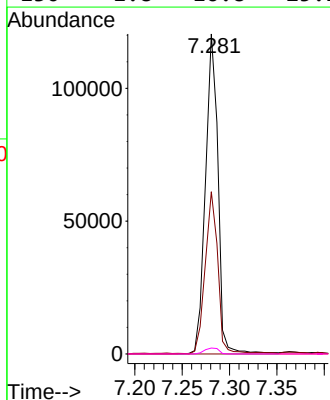
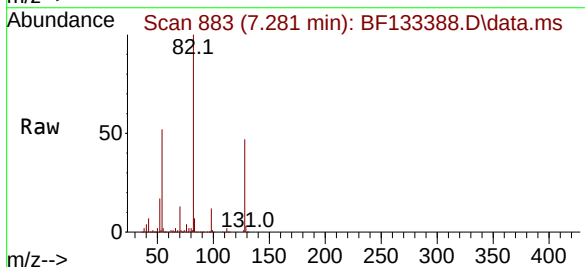
Instrument :
BNA_F
ClientSampleId :
WC-N-1

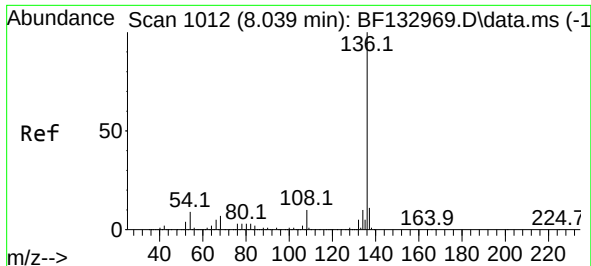
Tgt Ion: 99 Resp: 1406708
Ion Ratio Lower Upper
99 100
42 18.0 16.3 24.5
71 30.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.681 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.135 min
Lab File: BF133388.D
Acq: 15 May 2023 17:48

Tgt Ion: 70 Resp: 110322
Ion Ratio Lower Upper
70 100
42 50.7 51.8 77.6#
101 0.0 8.0 12.0#
130 1.8 16.8 25.2#

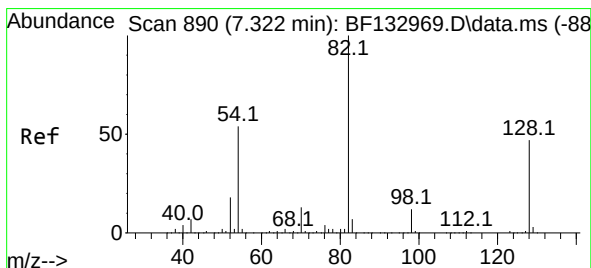
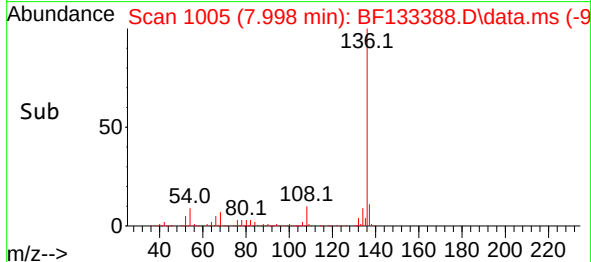
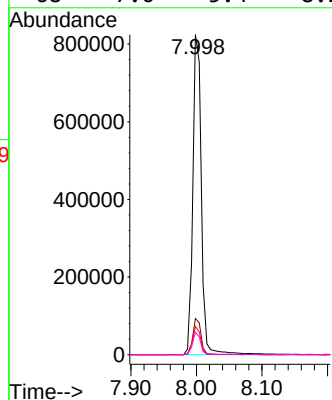
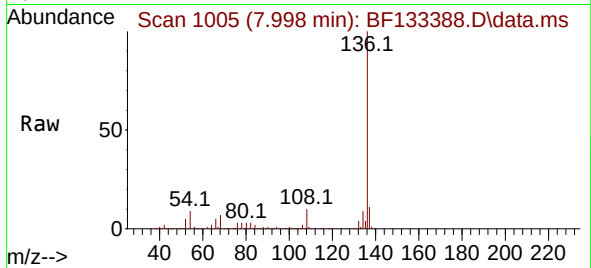




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133388.D
Acq: 15 May 2023 17:48

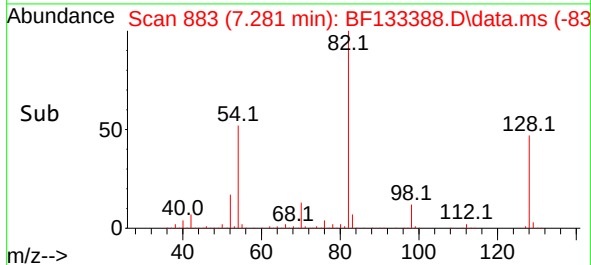
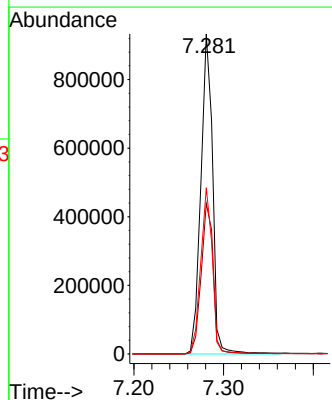
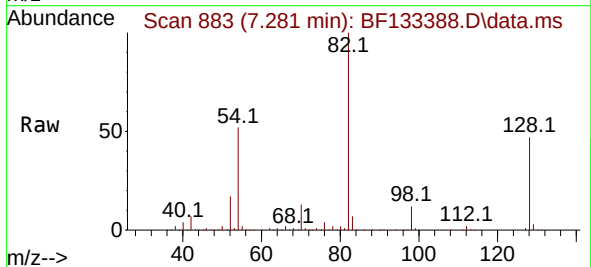
Instrument :
BNA_F
ClientSampleId :
WC-N-1

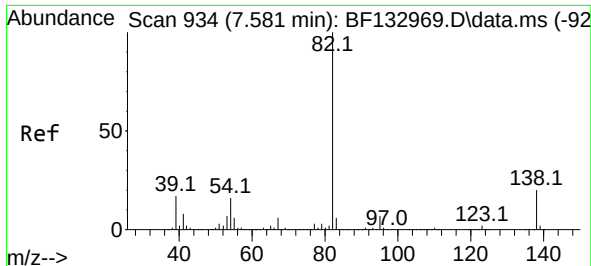
Tgt Ion:136	Resp: 748110
Ion Ratio	Lower Upper
136 100	
137 11.3	8.6 13.0
54 8.8	7.0 10.4
68 7.0	5.4 8.2



#23
Nitrobenzene-d5
Concen: 61.268 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF133388.D
Acq: 15 May 2023 17:48

Tgt Ion: 82	Resp: 849161
Ion Ratio	Lower Upper
82 100	
128 47.0	37.7 56.5
54 52.0	43.0 64.4

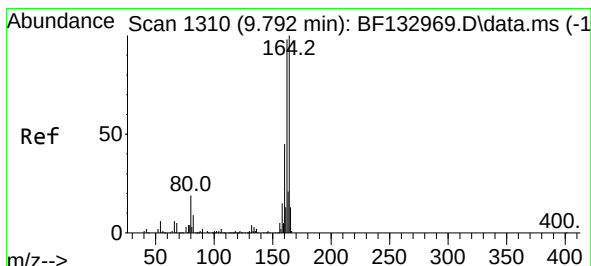
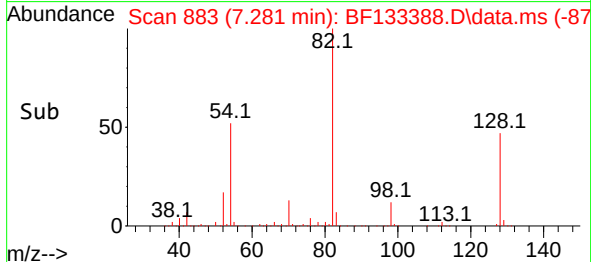
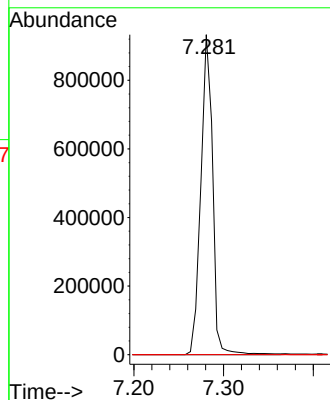
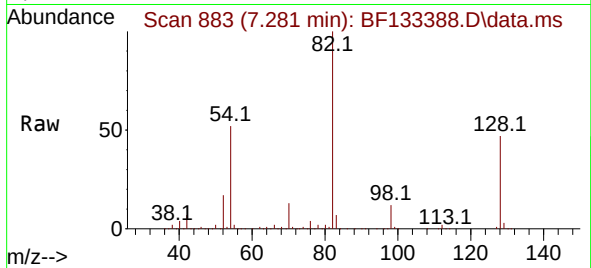




#25
Isophorone
Concen: 32.269 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133388.D
Acq: 15 May 2023 17:48

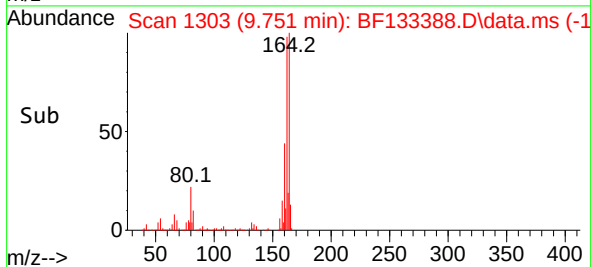
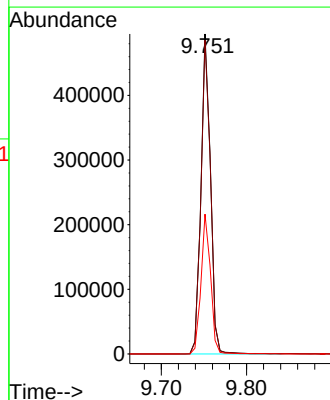
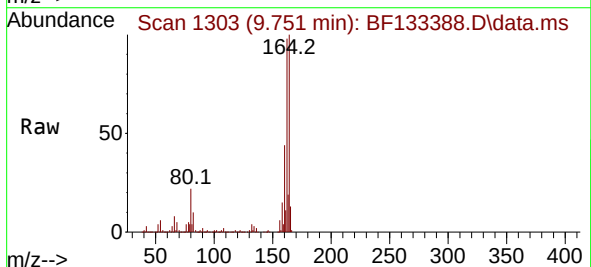
Instrument :
BNA_F
ClientSampleId :
WC-N-1

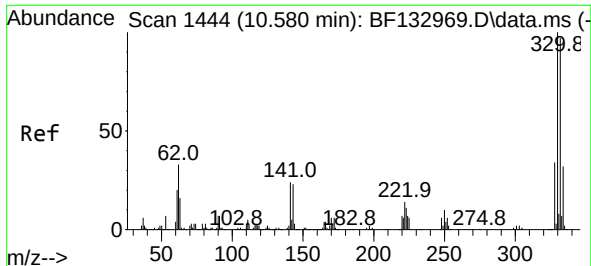
Tgt Ion: 82 Resp: 849161
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF133388.D
Acq: 15 May 2023 17:48

Tgt Ion:164 Resp: 383598
Ion Ratio Lower Upper
164 100
162 98.1 78.7 118.1
160 43.7 35.8 53.6

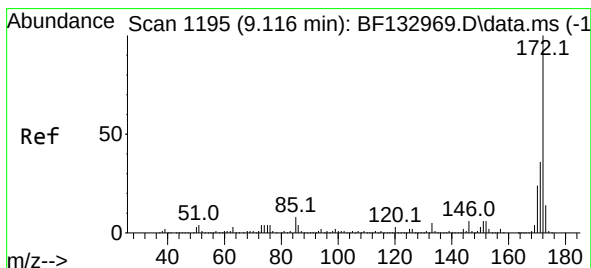
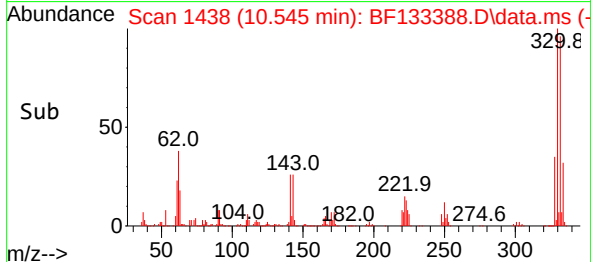
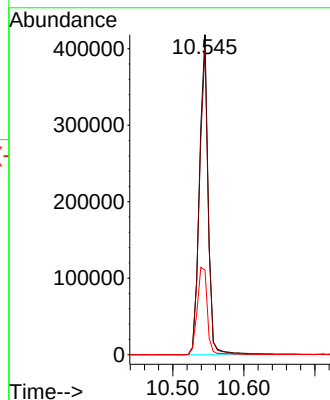
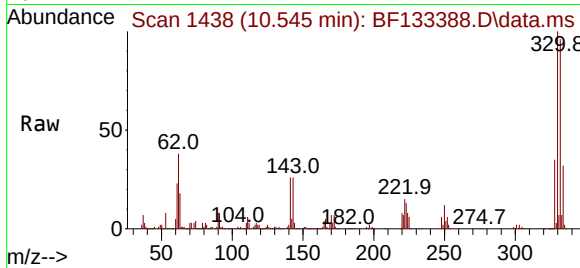




#42
 2,4,6-Tribromophenol
 Concen: 92.899 ng
 RT: 10.545 min Scan# 1444
 Delta R.T. -0.006 min
 Lab File: BF133388.D
 Acq: 15 May 2023 17:48

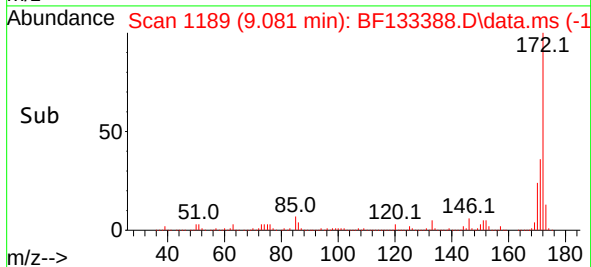
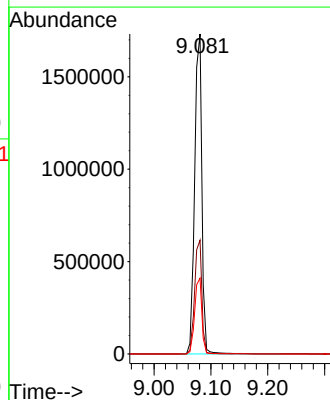
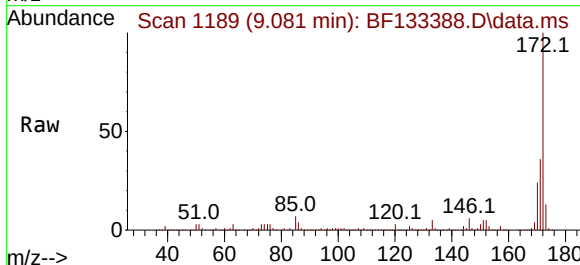
Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1

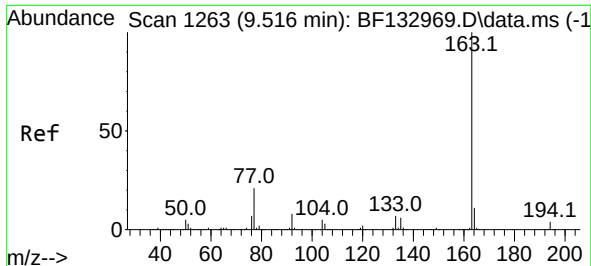
Tgt Ion: 330 Resp: 358387
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.1 115.7
 141 31.9 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 67.132 ng
 RT: 9.081 min Scan# 1189
 Delta R.T. -0.006 min
 Lab File: BF133388.D
 Acq: 15 May 2023 17:48

Tgt Ion: 172 Resp: 1539250
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.8 43.2
 170 23.7 19.4 29.2

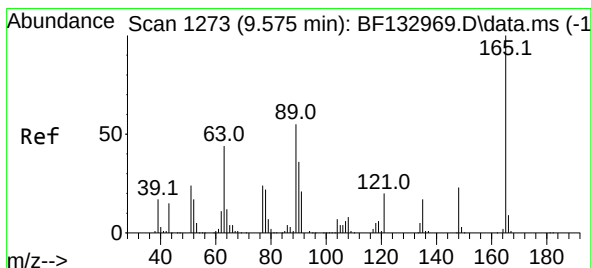
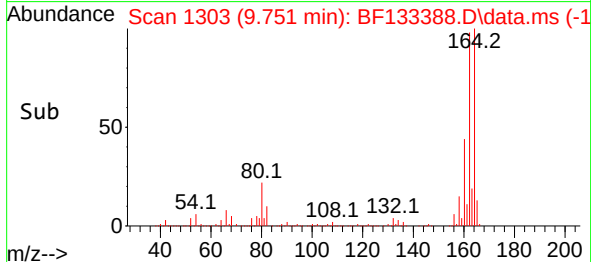
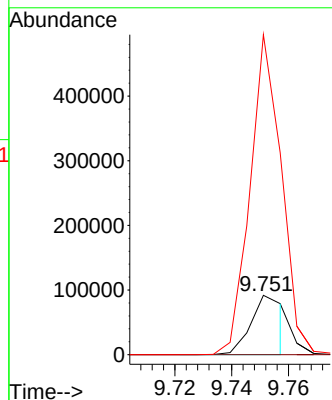
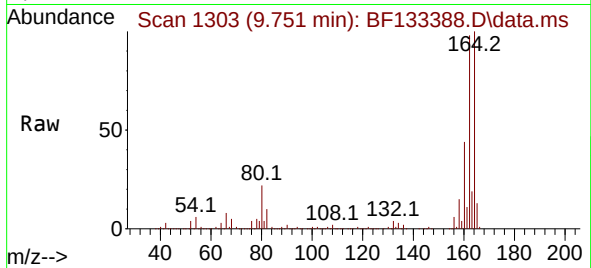




#50
Dimethylphthalate
Concen: 2.743 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133388.D
Acq: 15 May 2023 17:48

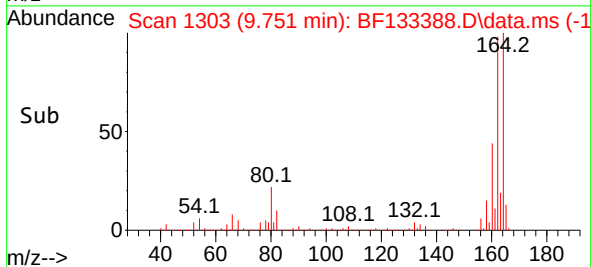
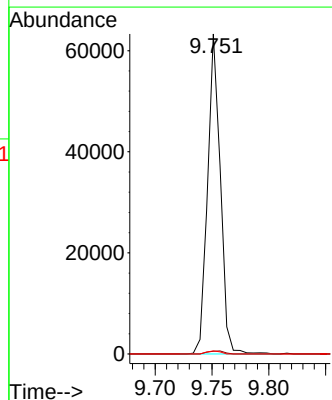
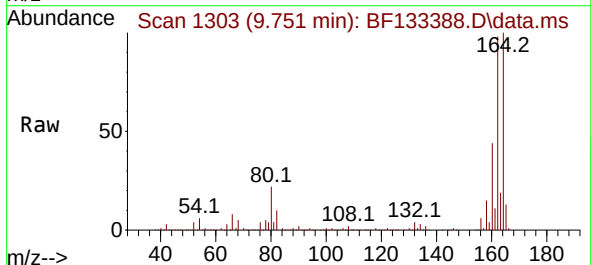
Instrument :
BNA_F
ClientSampleId :
WC-N-1

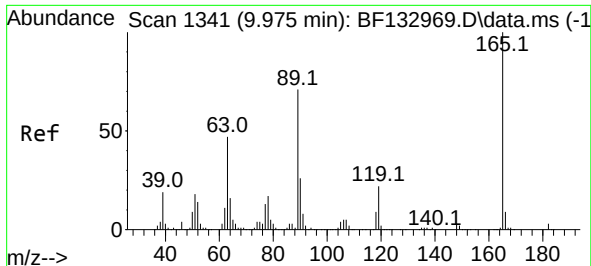
Tgt Ion:163 Resp: 73361
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 539.3 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.179 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.206 min
Lab File: BF133388.D
Acq: 15 May 2023 17:48

Tgt Ion:165 Resp: 49241
Ion Ratio Lower Upper
165 100
63 0.8 45.9 68.9#
89 0.9 44.0 66.0#

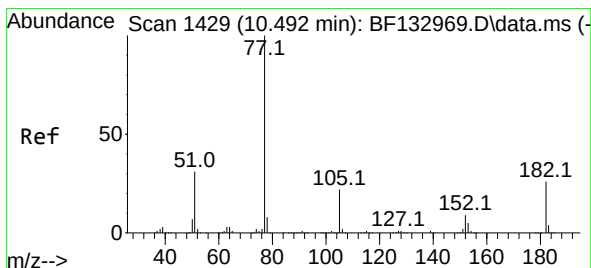
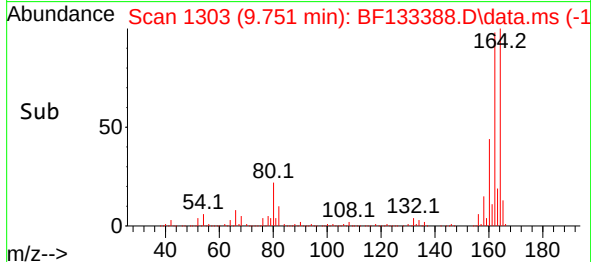
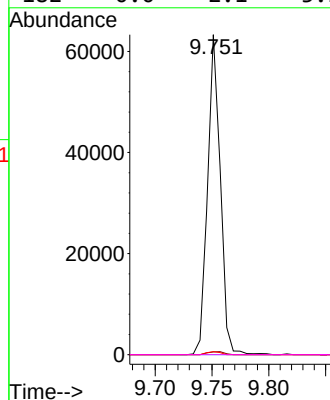
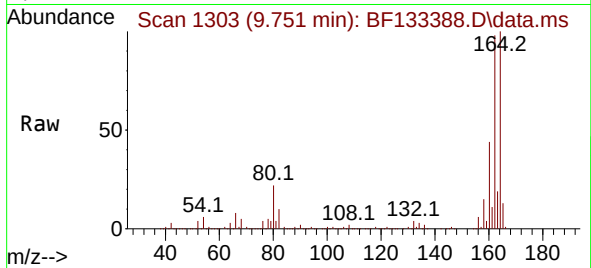




#57
2,4-Dinitrotoluene
Concen: 6.414 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133388.D
Acq: 15 May 2023 17:48

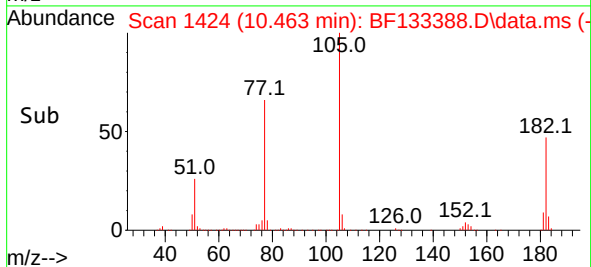
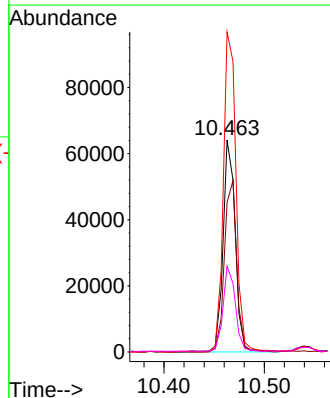
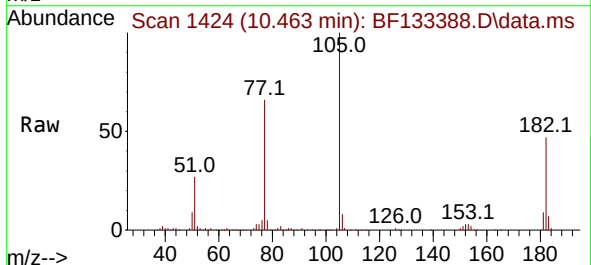
Instrument :
BNA_F
ClientSampleId :
WC-N-1

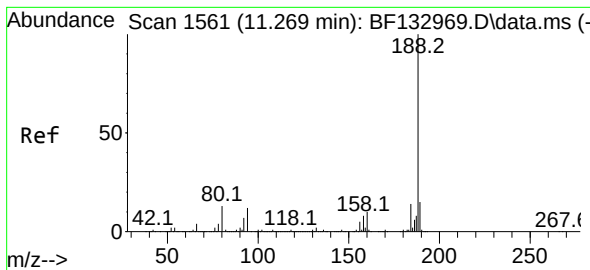
Tgt Ion:165 Resp: 49241
Ion Ratio Lower Upper
165 100
63 0.8 37.7 56.5#
89 0.9 57.0 85.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 2.022 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF133388.D
Acq: 15 May 2023 17:48

Tgt Ion: 77 Resp: 54121
Ion Ratio Lower Upper
77 100
182 70.6 5.9 45.9#
105 151.1 2.3 42.3#
51 40.5 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133388.D

Acq: 15 May 2023 17:48

Instrument :

BNA_F

ClientSampleId :

WC-N-1

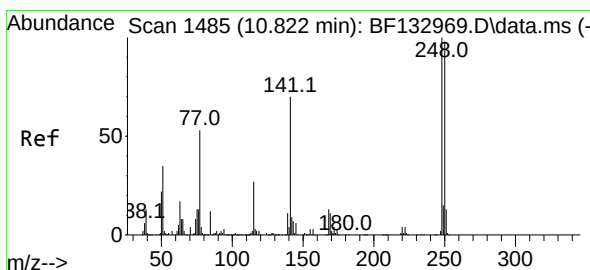
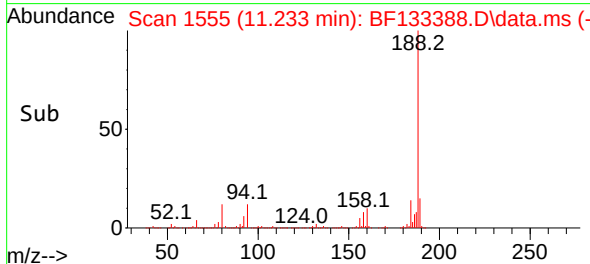
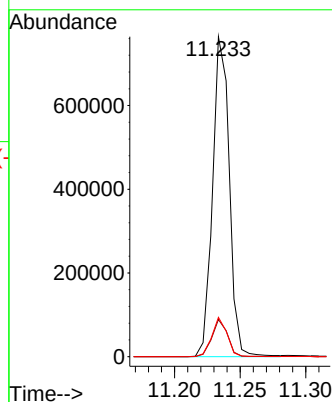
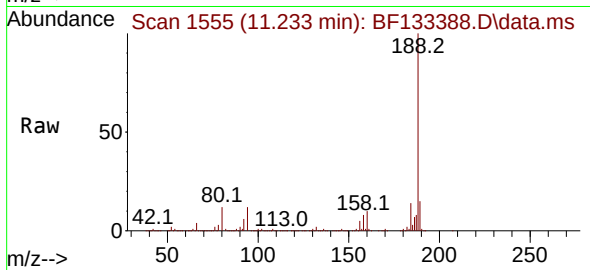
Tgt Ion:188 Resp: 678293

Ion Ratio Lower Upper

188 100

94 11.6 9.7 14.5

80 12.3 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 3.115 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.241 min

Lab File: BF133388.D

Acq: 15 May 2023 17:48

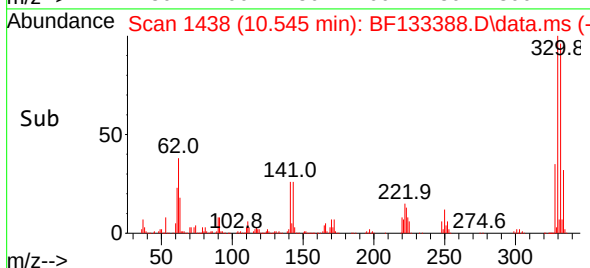
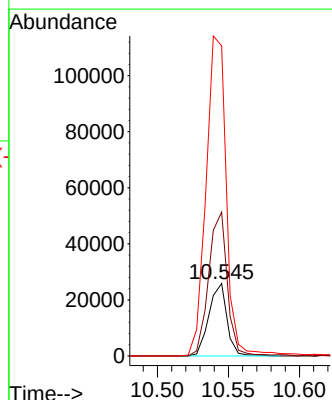
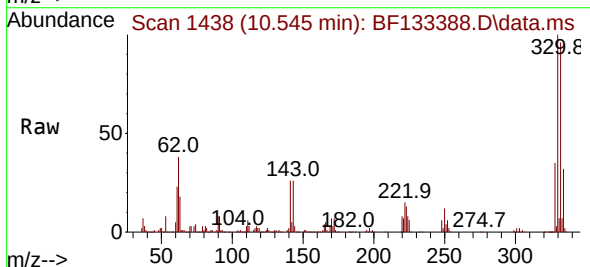
Tgt Ion:248 Resp: 22918

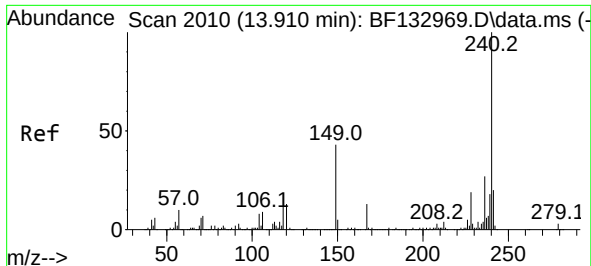
Ion Ratio Lower Upper

248 100

250 198.7 78.7 118.1#

141 428.1 56.3 84.5#

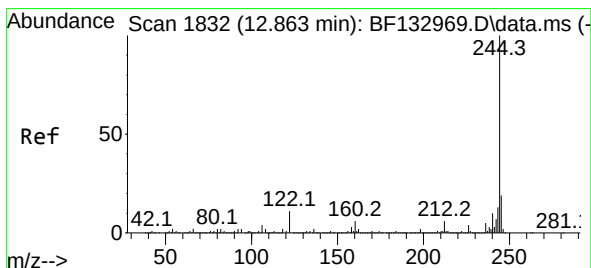
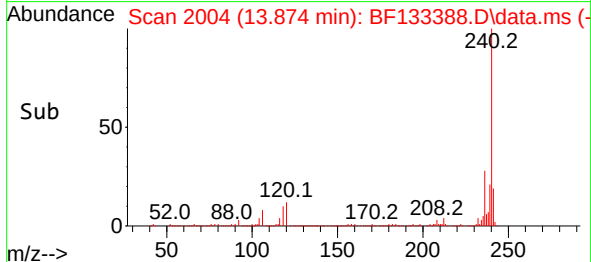
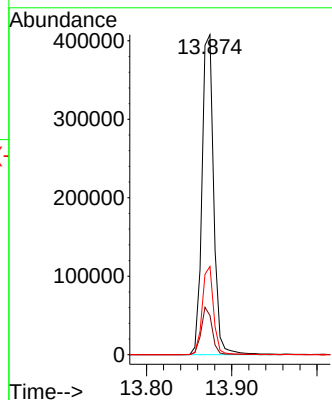
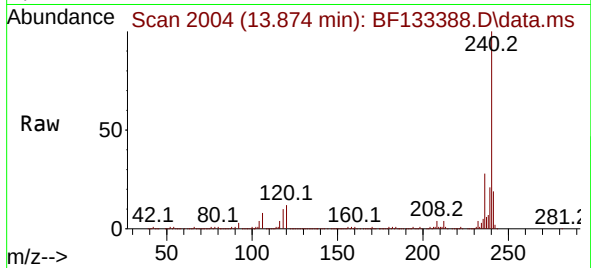




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF133388.D
Acq: 15 May 2023 17:48

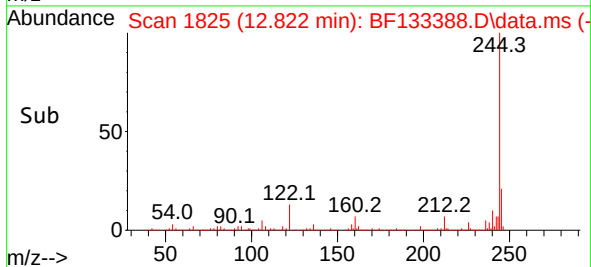
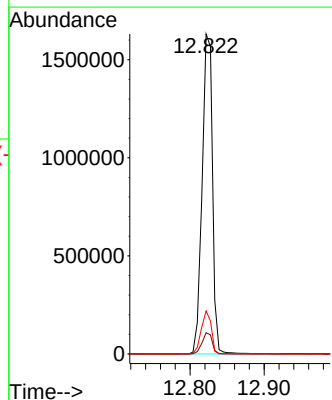
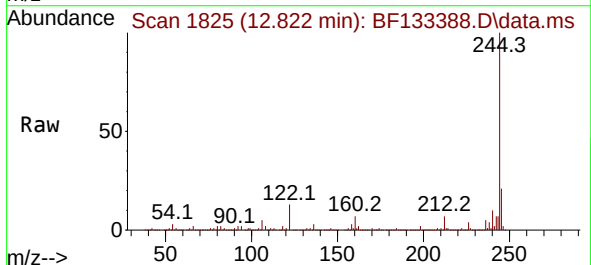
Instrument :
BNA_F
ClientSampleId :
WC-N-1

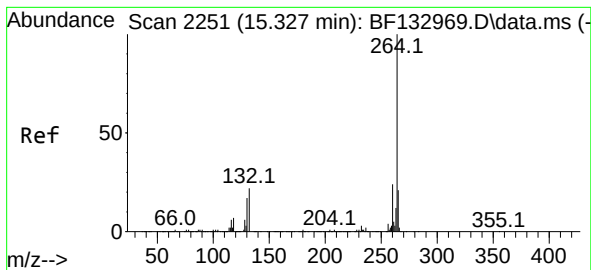
Tgt Ion:240 Resp: 389542
Ion Ratio Lower Upper
240 100
120 12.2 10.5 15.7
236 27.5 21.5 32.3



#79
Terphenyl-d14
Concen: 70.066 ng
RT: 12.822 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF133388.D
Acq: 15 May 2023 17:48

Tgt Ion:244 Resp: 1582556
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 13.4 8.6 13.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133388.D

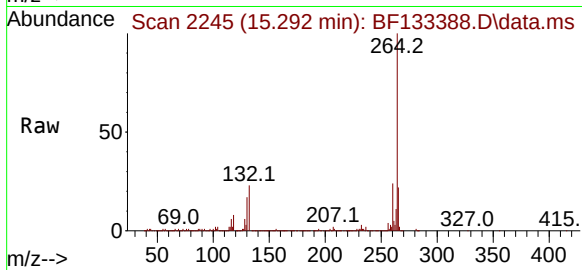
Acq: 15 May 2023 17:48

Instrument :

BNA_F

ClientSampleId :

WC-N-1



Tgt Ion:264 Resp: 404056

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.5 17.0 25.4

