

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133479.D
 Acq On : 24 May 2023 19:40
 Operator : CG\JU
 Sample : 02899-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC08

Quant Time: May 25 05:22:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

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

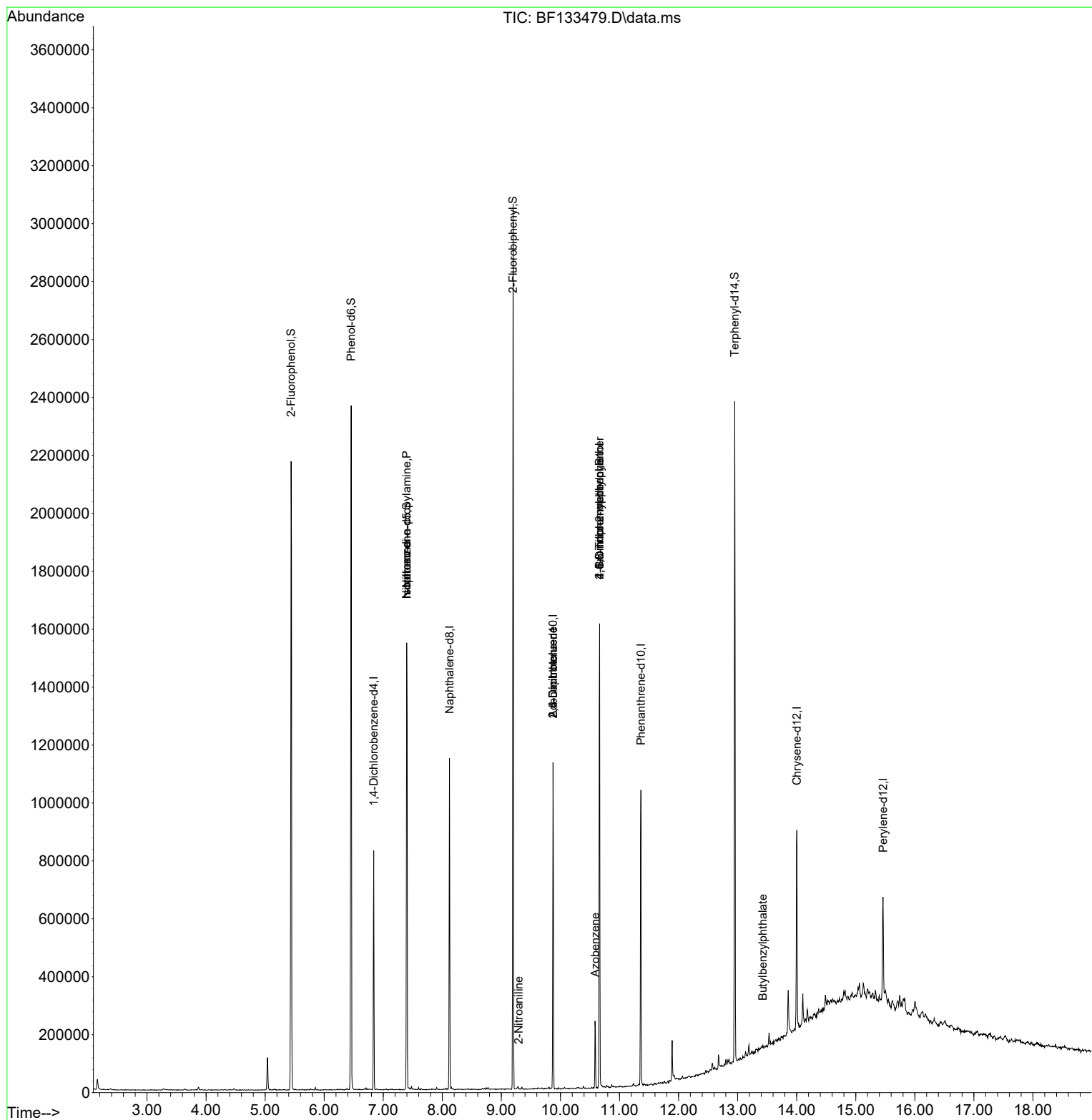
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	107399	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	406862	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	195152	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	357159	20.000	ng	0.00
76) Chrysene-d12	14.004	240	229671	20.000	ng	0.00
86) Perylene-d12	15.462	264	168016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	587733	89.454	ng	0.00
7) Phenol-d6	6.457	99	713871	90.383	ng	0.00
23) Nitrobenzene-d5	7.398	82	430539	73.159	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	170449	94.551	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	828021	59.695	ng	0.00
79) Terphenyl-d14	12.951	244	756456	62.972	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	60386	12.217	ng	# 80
25) Isophorone	7.398	82	430529	31.090	ng	# 66
48) 2-Nitroaniline	9.292	65	71	5.503	ng	# 8
51) 2,6-Dinitrotoluene	9.875	165	24965	13.402	ng	# 16
57) 2,4-Dinitrotoluene	9.875	165	24965	12.705	ng	# 17
63) Azobenzene	10.586	77	39110	2.799	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.663	198	417	8.507	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	10835	2.893	ng	# 1
80) Butylbenzylphthalate	13.427	149	2375	3.685	ng	# 60

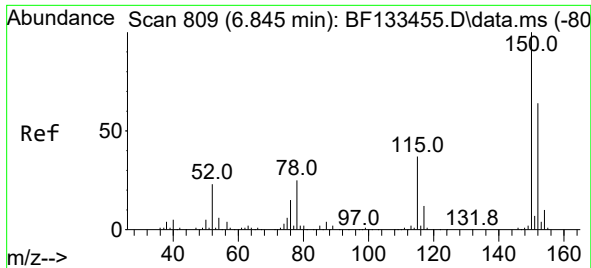
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
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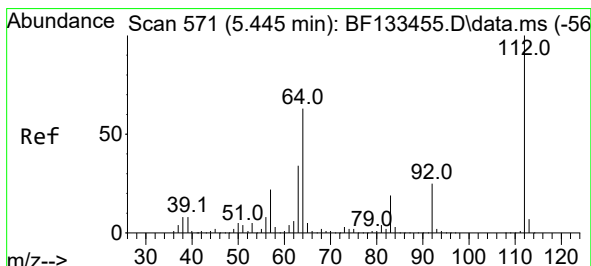
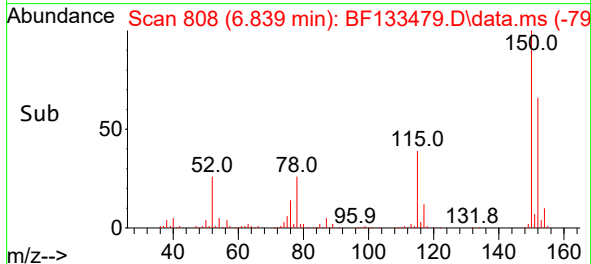
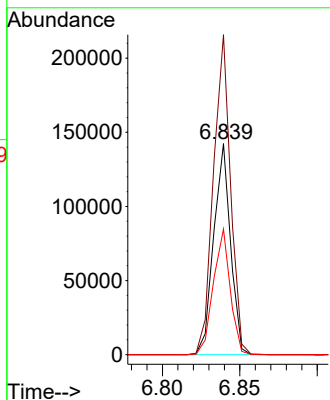
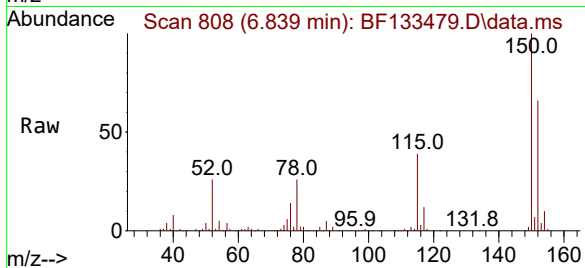




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

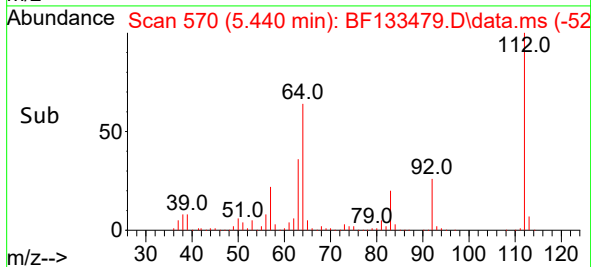
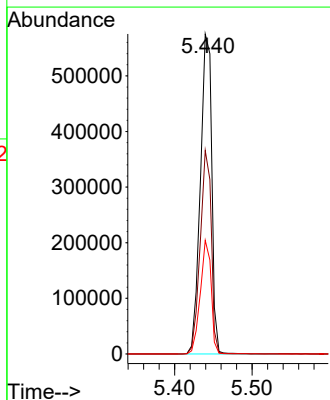
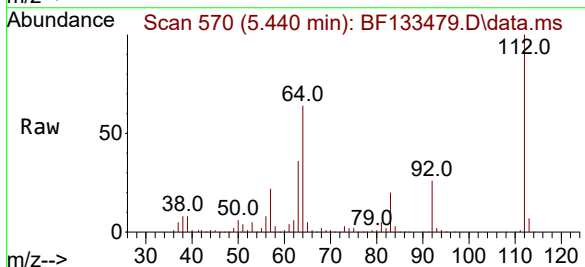
Instrument :
BNA_F
ClientSampleId :
WC08

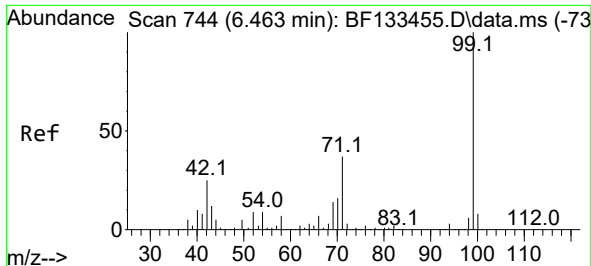
Tgt Ion:152 Resp: 107399
Ion Ratio Lower Upper
152 100
150 151.6 125.6 188.4
115 59.5 47.0 70.4



#5
2-Fluorophenol
Concen: 89.454 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.006 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

Tgt Ion:112 Resp: 587733
Ion Ratio Lower Upper
112 100
64 63.6 50.2 75.4
63 35.5 27.2 40.8

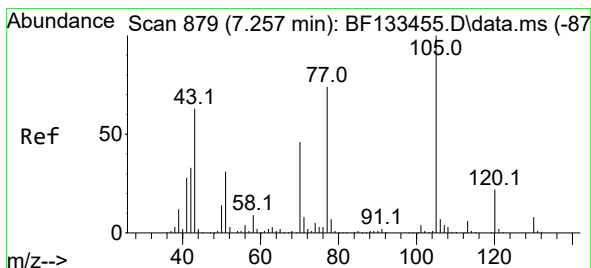
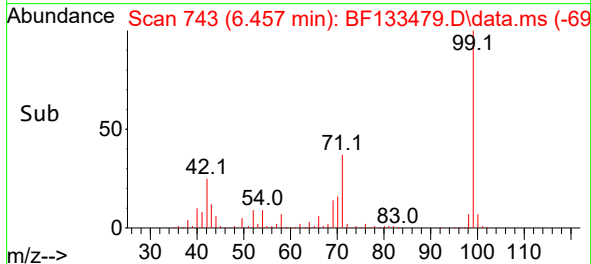
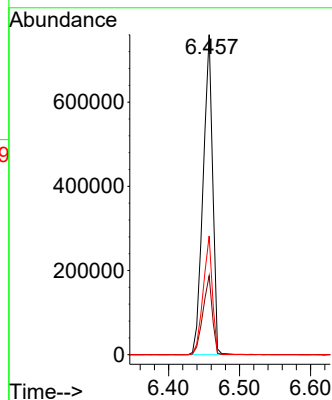
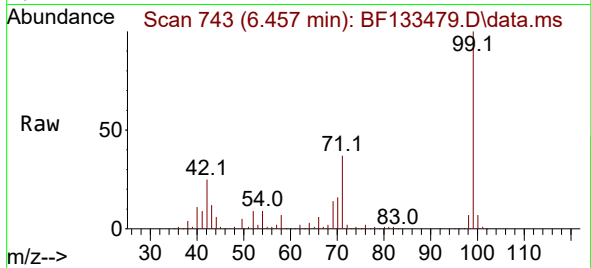




#7
Phenol-d6
Concen: 90.383 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

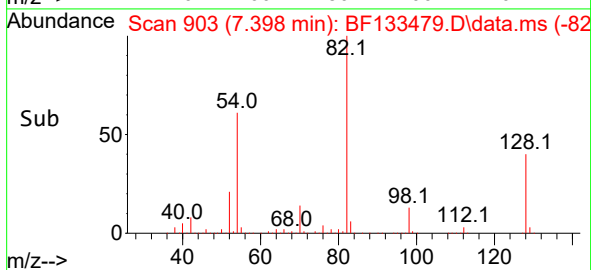
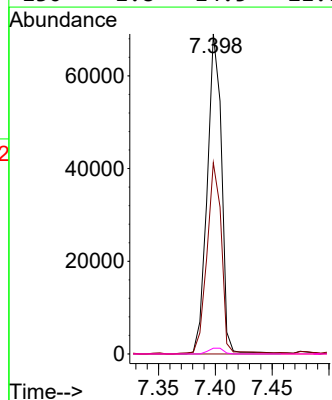
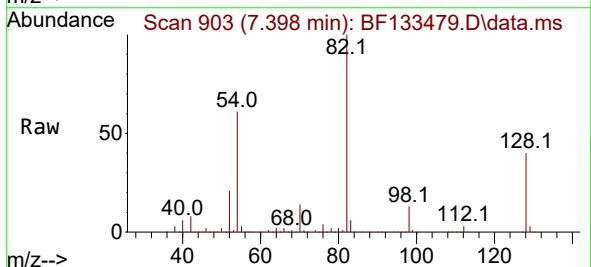
Instrument :
BNA_F
ClientSampleId :
WC08

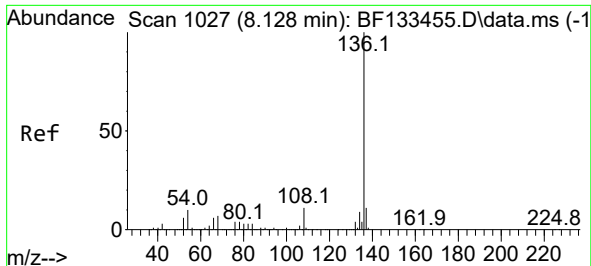
Tgt Ion: 99 Resp: 713871
Ion Ratio Lower Upper
99 100
42 24.7 19.6 29.4
71 37.1 29.5 44.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.217 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

Tgt Ion: 70 Resp: 60386
Ion Ratio Lower Upper
70 100
42 59.8 57.7 86.5
101 0.0 7.6 11.4#
130 1.8 14.5 21.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133479.D

Acq: 24 May 2023 19:40

Instrument :

BNA_F

ClientSampleId :

WC08

Tgt Ion:136 Resp: 406862

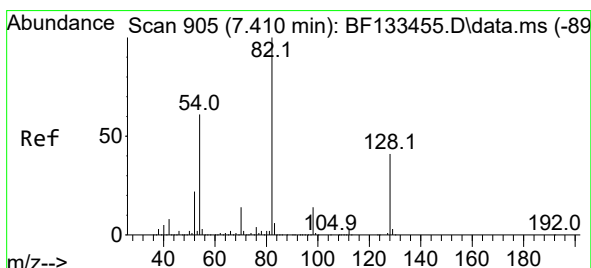
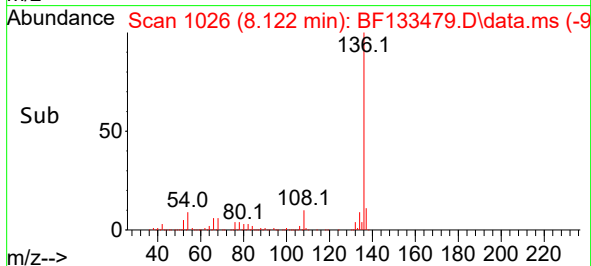
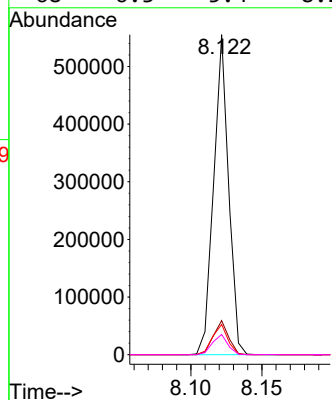
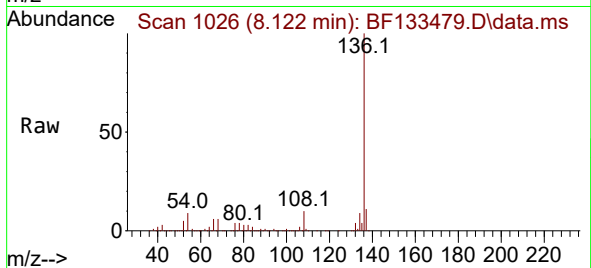
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.5 8.0 12.0

68 6.3 5.4 8.2



#23

Nitrobenzene-d5

Concen: 73.159 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF133479.D

Acq: 24 May 2023 19:40

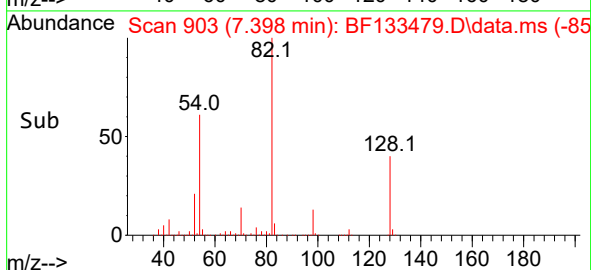
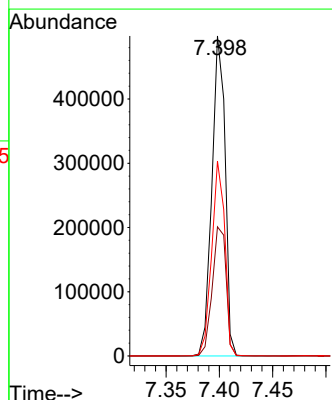
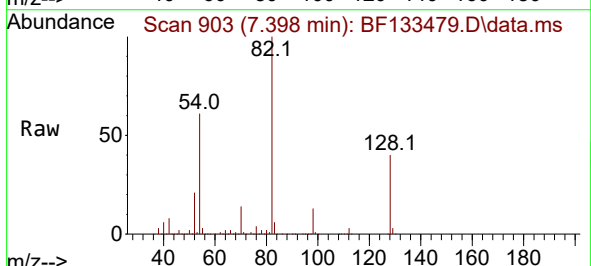
Tgt Ion: 82 Resp: 430539

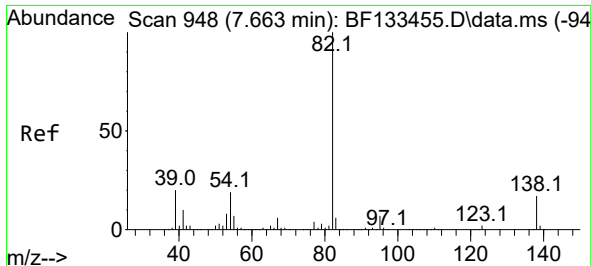
Ion Ratio Lower Upper

82 100

128 40.3 33.0 49.6

54 60.9 48.5 72.7

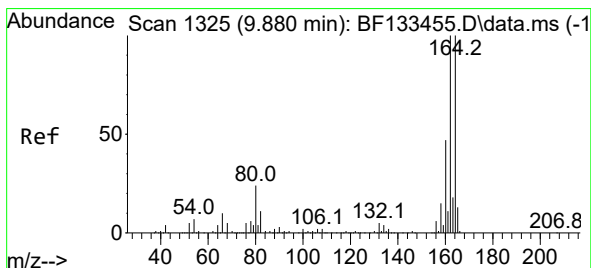
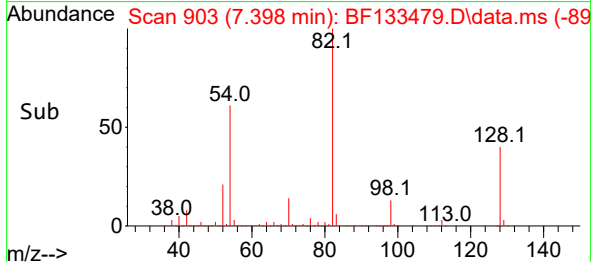
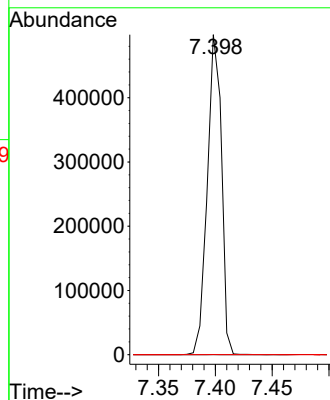
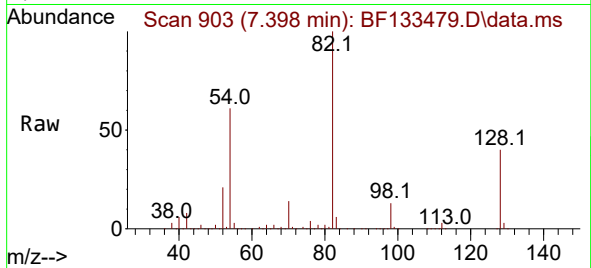




#25
Isophorone
Concen: 31.090 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

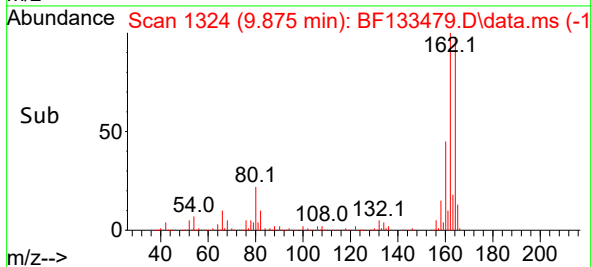
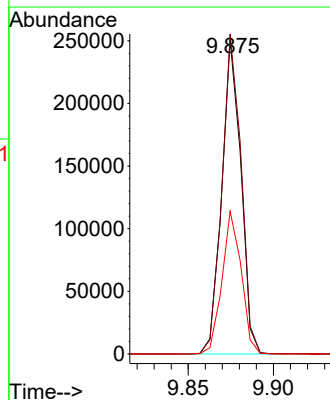
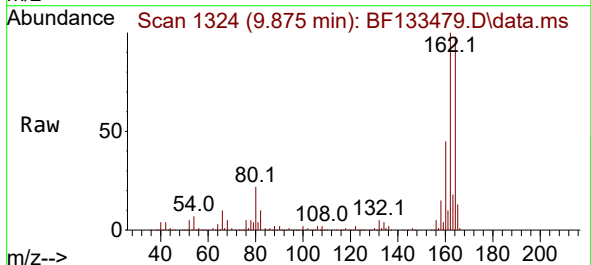
Instrument :
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ClientSampleId :
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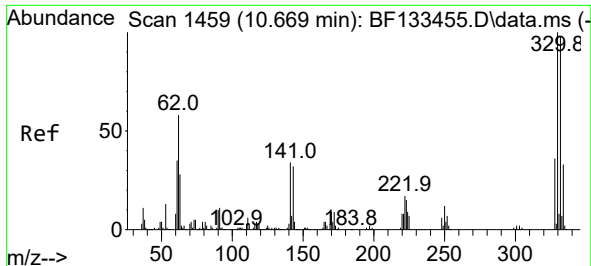
Tgt Ion: 82 Resp: 430529
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

Tgt Ion:164 Resp: 195152
Ion Ratio Lower Upper
164 100
162 101.8 79.8 119.6
160 45.4 37.4 56.0

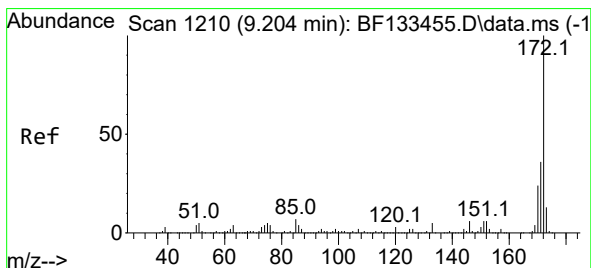
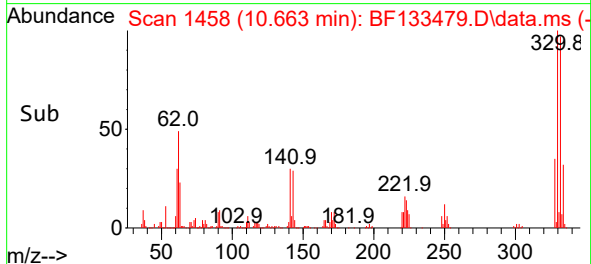
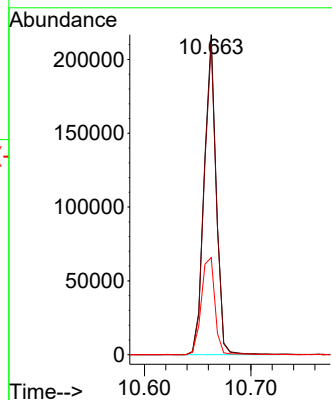
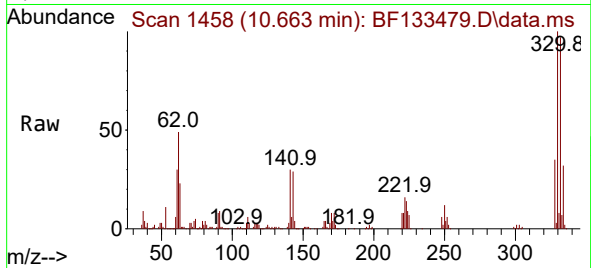




#42
2,4,6-Tribromophenol
Concen: 94.551 ng
RT: 10.663 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

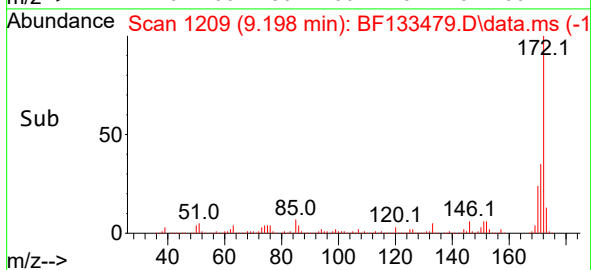
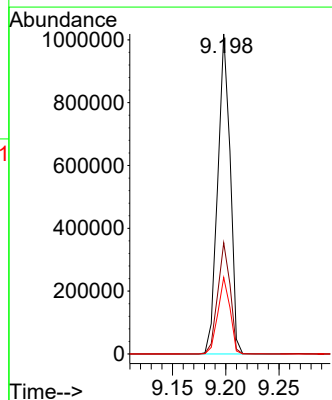
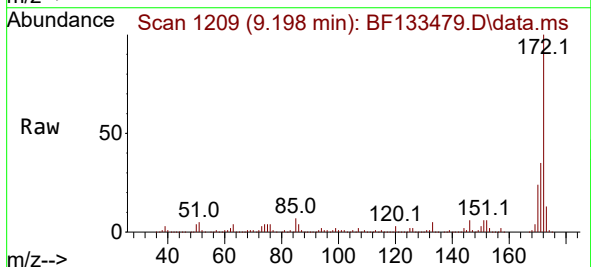
Instrument :
BNA_F
ClientSampleId :
WC08

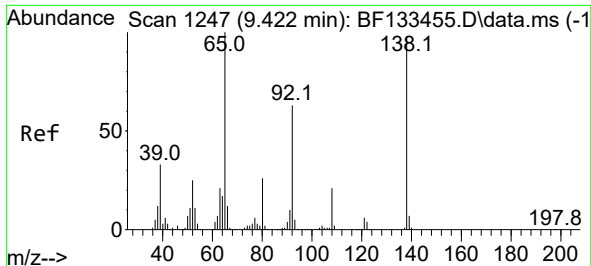
Tgt Ion:330 Resp: 170449
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 34.6 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 59.695 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

Tgt Ion:172 Resp: 828021
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.9 19.0 28.4

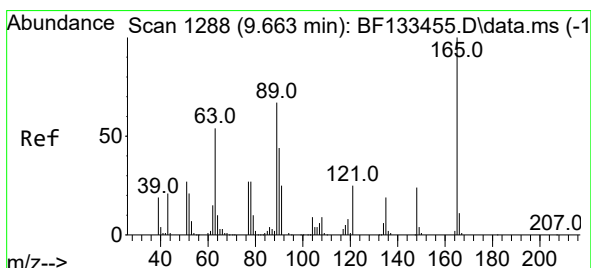
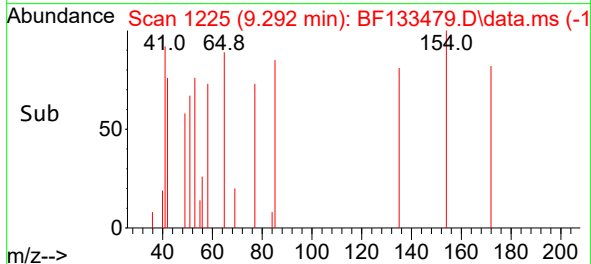
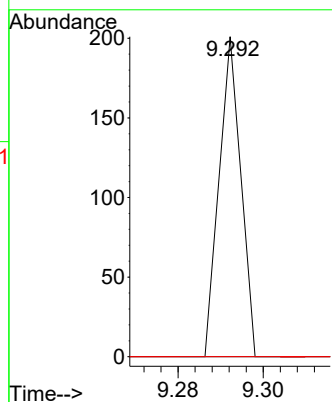
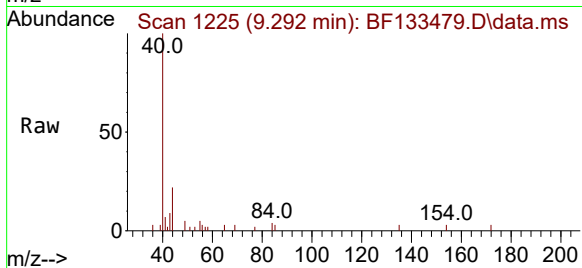




#48
2-Nitroaniline
Concen: 5.503 ng
RT: 9.292 min Scan# 11
Delta R.T. -0.130 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

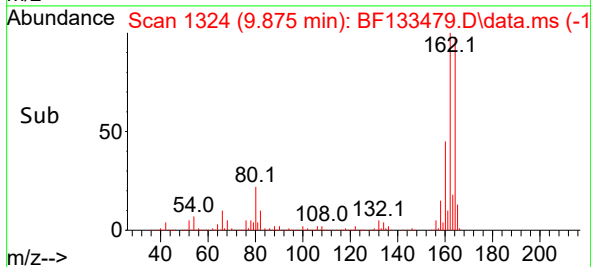
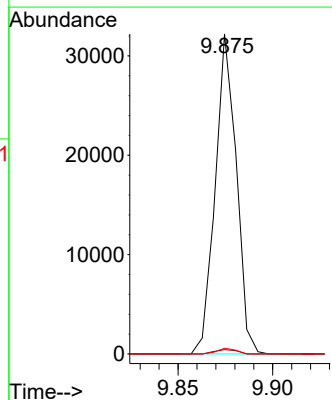
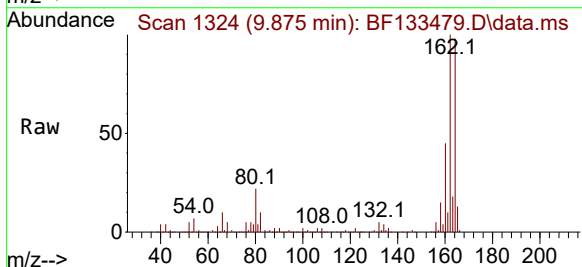
Instrument :
BNA_F
ClientSampleId :
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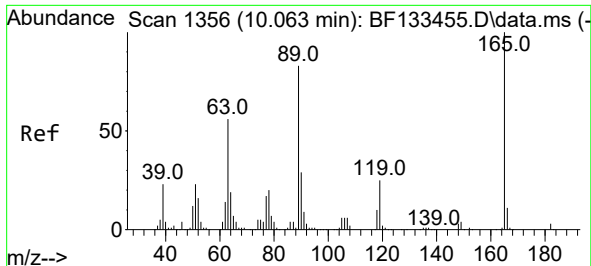
Tgt Ion: 65 Resp: 71
Ion Ratio Lower Upper
65 100
92 0.0 50.1 75.1#
138 0.0 78.6 118.0#



#51
2,6-Dinitrotoluene
Concen: 13.402 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

Tgt Ion: 165 Resp: 24965
Ion Ratio Lower Upper
165 100
63 1.3 61.0 91.4#
89 1.8 53.5 80.3#

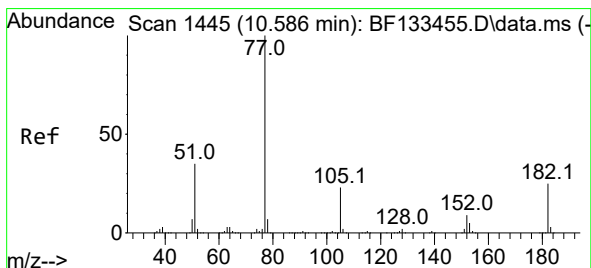
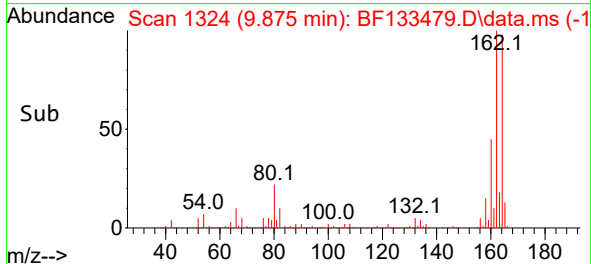
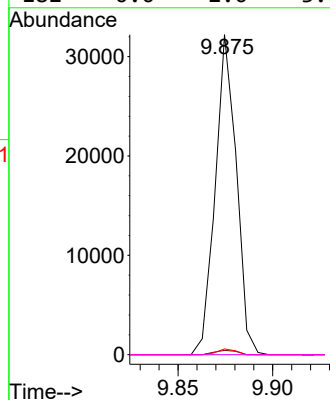
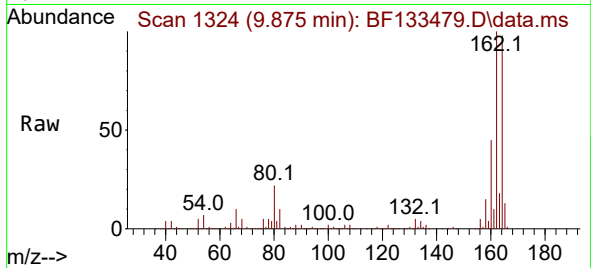




#57
2,4-Dinitrotoluene
Concen: 12.705 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

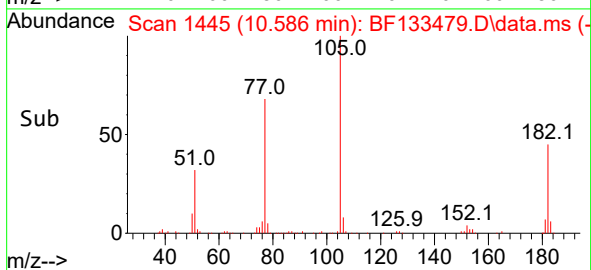
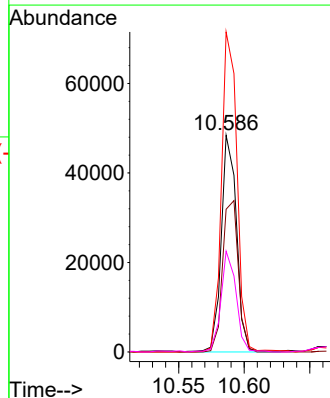
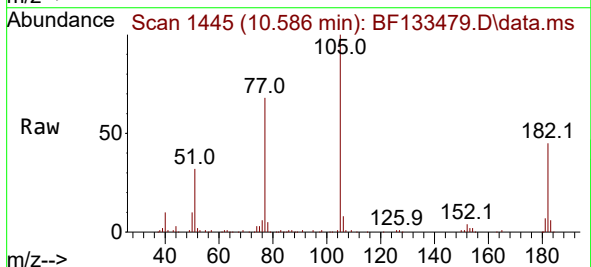
Instrument :
BNA_F
ClientSampleId :
WC08

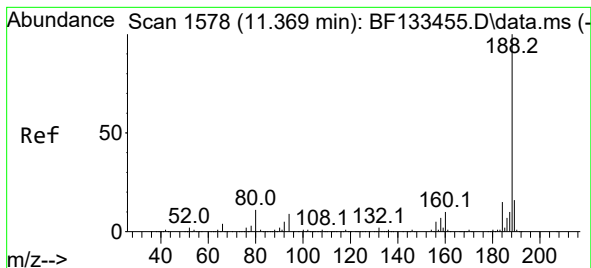
Tgt Ion:165 Resp: 24965
Ion Ratio Lower Upper
165 100
63 1.3 45.1 67.7#
89 1.8 66.7 100.1#
182 0.0 2.0 3.0#



#63
Azobenzene
Concen: 2.799 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

Tgt Ion: 77 Resp: 39110
Ion Ratio Lower Upper
77 100
182 65.9 5.0 45.0#
105 147.7 2.9 42.9#
51 46.5 15.1 55.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133479.D

Acq: 24 May 2023 19:40

Instrument :

BNA_F

ClientSampleId :

WC08

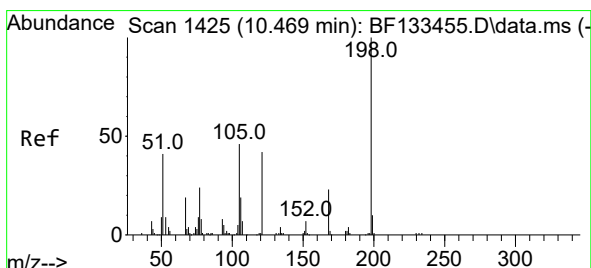
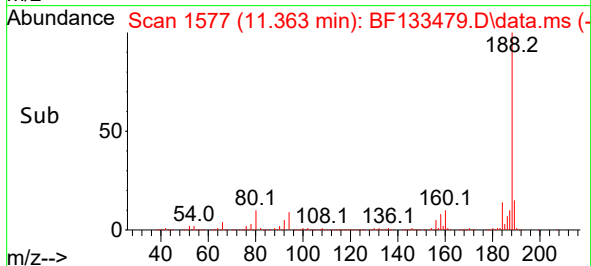
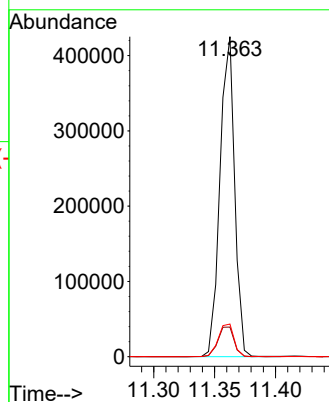
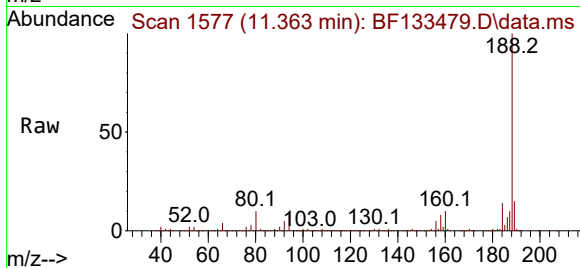
Tgt Ion:188 Resp: 357159

Ion Ratio Lower Upper

188 100

94 9.2 7.5 11.3

80 10.2 8.7 13.1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.507 ng

RT: 10.663 min Scan# 1458

Delta R.T. 0.194 min

Lab File: BF133479.D

Acq: 24 May 2023 19:40

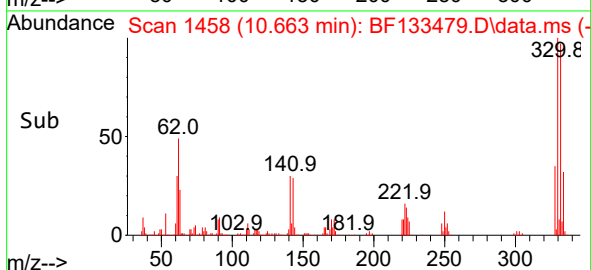
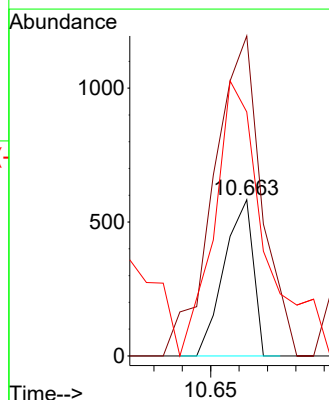
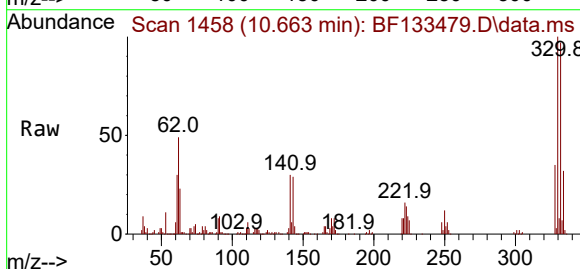
Tgt Ion:198 Resp: 417

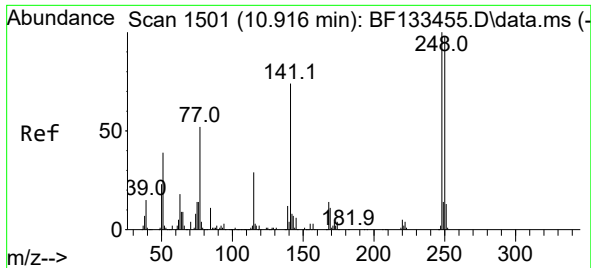
Ion Ratio Lower Upper

198 100

51 205.0 38.5 78.5#

105 156.3 29.6 69.6#

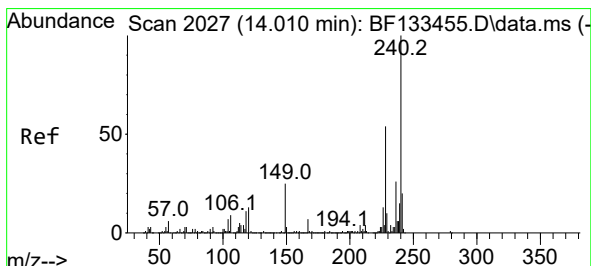
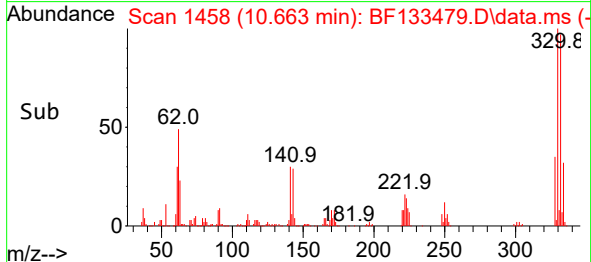
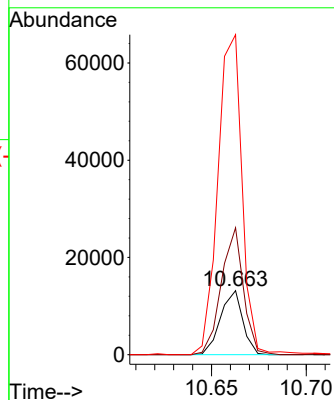
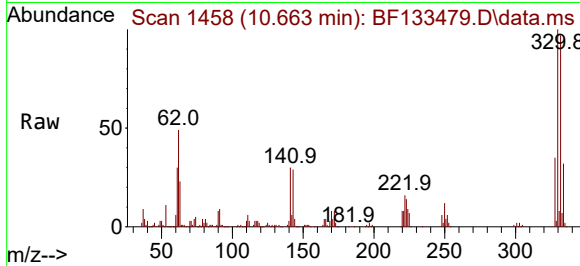




#67
4-Bromophenyl-phenylether
Concen: 2.893 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

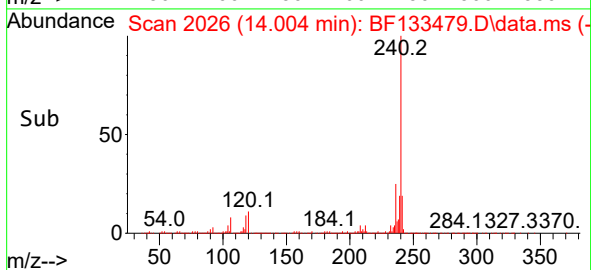
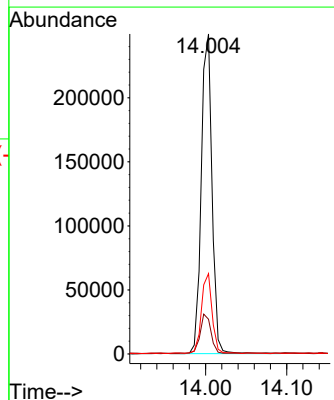
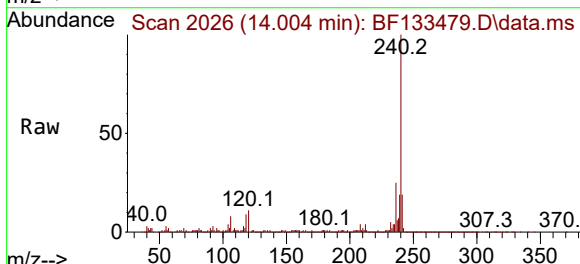
Instrument :
BNA_F
ClientSampleId :
WC08

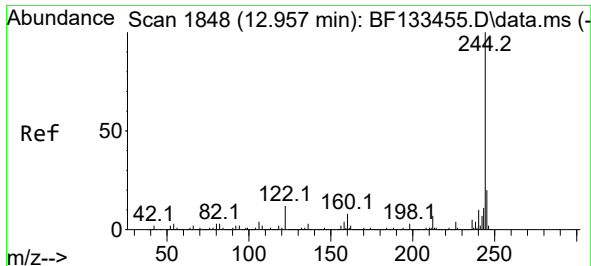
Tgt Ion:248 Resp: 10835
Ion Ratio Lower Upper
248 100
250 198.0 78.3 117.5#
141 499.5 59.1 88.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

Tgt Ion:240 Resp: 229671
Ion Ratio Lower Upper
240 100
120 10.8 10.2 15.4
236 25.1 20.9 31.3

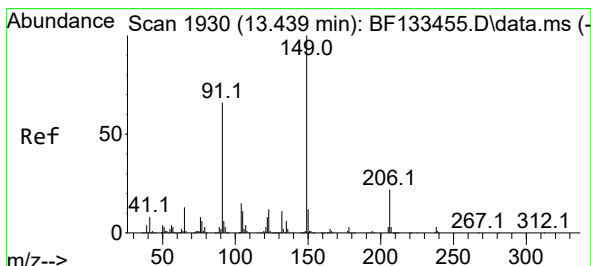
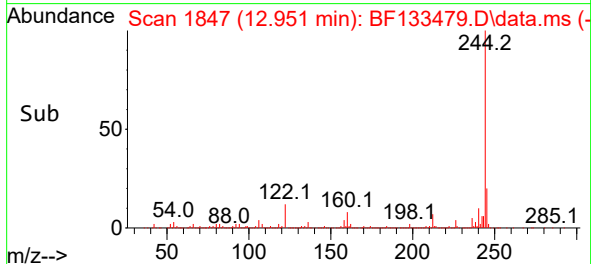
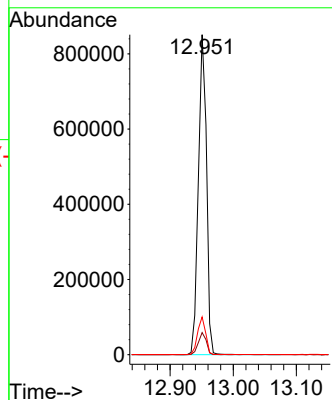
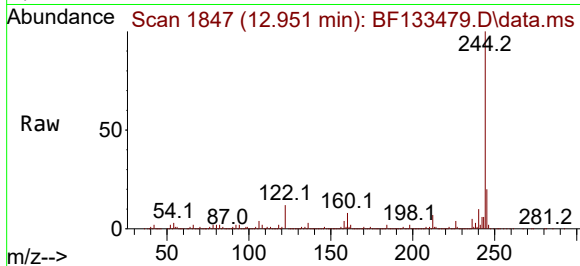




#79
 Terphenyl-d14
 Concen: 62.972 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133479.D
 Acq: 24 May 2023 19:40

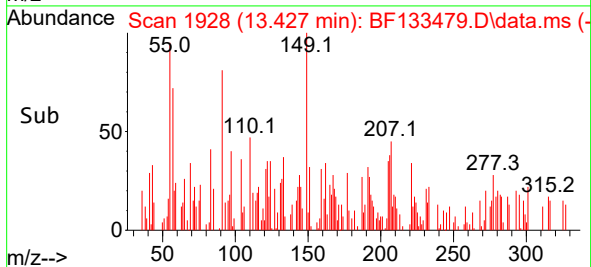
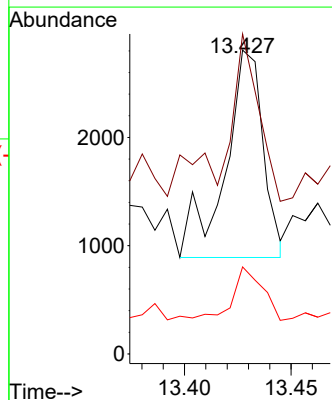
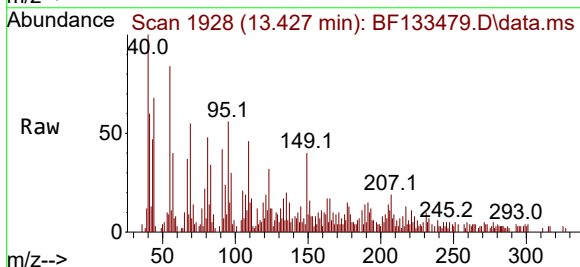
Instrument :
 BNA_F
 ClientSampleId :
 WC08

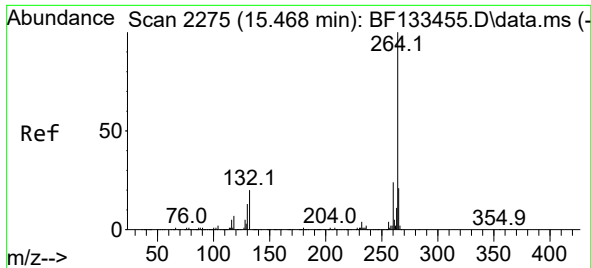
Tgt Ion:244 Resp: 756456
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.8 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 3.685 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.012 min
 Lab File: BF133479.D
 Acq: 24 May 2023 19:40

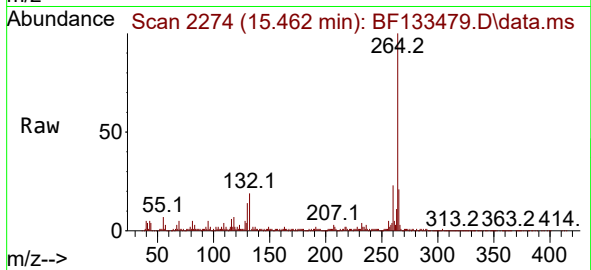
Tgt Ion:149 Resp: 2375
 Ion Ratio Lower Upper
 149 100
 91 105.3 53.1 79.7#
 206 28.6 17.4 26.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133479.D
Acq: 24 May 2023 19:40

Instrument :
BNA_F
ClientSampleId :
WC08



Tgt Ion:264 Resp: 168016

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.8	28.2
265	20.8	17.0	25.4

