

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133306.D
 Acq On : 08 May 2023 21:17
 Operator : CG\JU
 Sample : 02646-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-050523

Quant Time: May 09 05:08:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

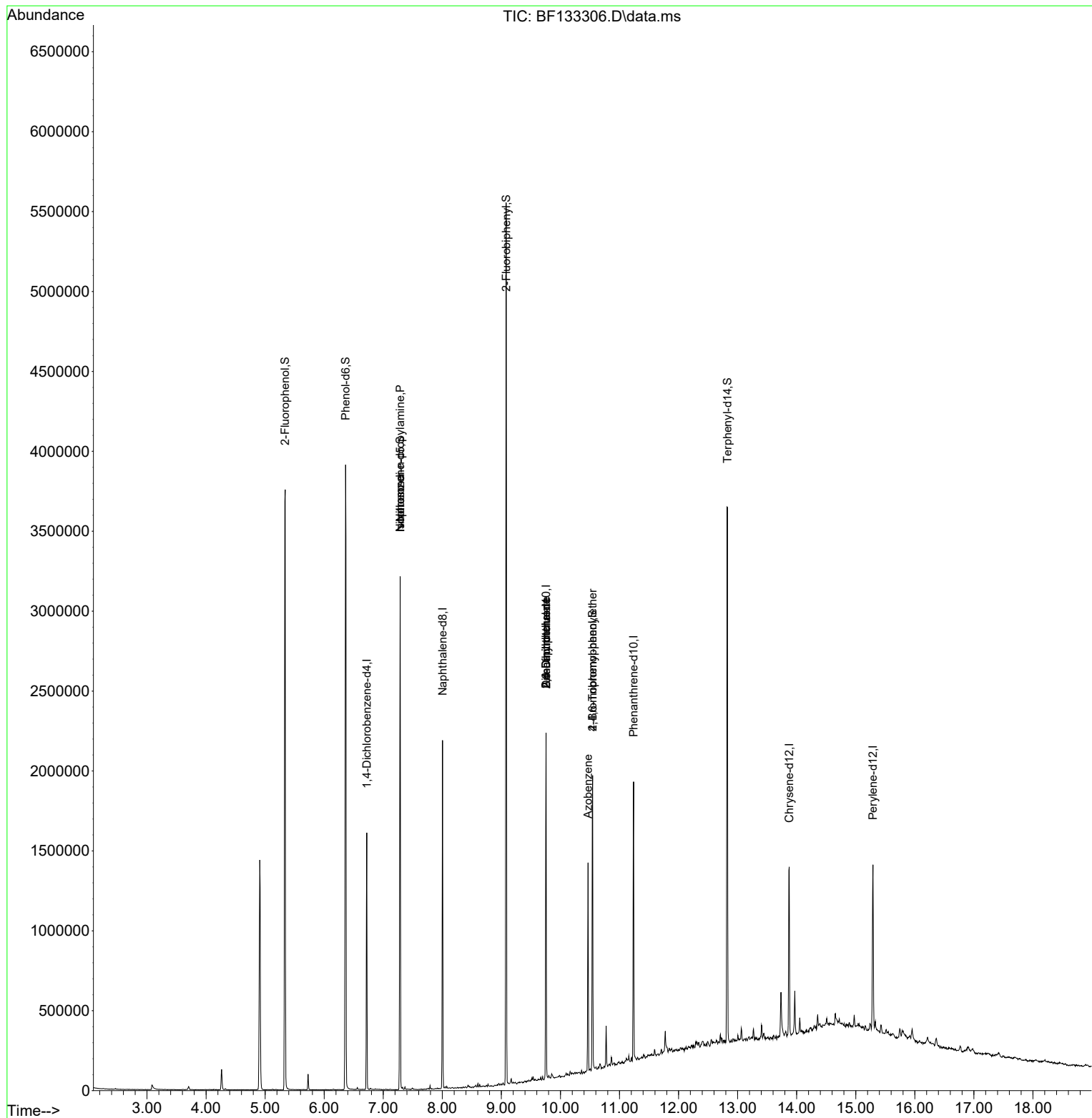
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	209654	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	817372	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	396903	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	597915	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	370437	20.000	ng	0.00
86) Perylene-d12	15.292	264	438389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1155815	83.279	ng	0.01
7) Phenol-d6	6.363	99	1479234	85.870	ng	0.00
23) Nitrobenzene-d5	7.286	82	910586	60.132	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	213053	53.375	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1613617	68.016	ng	0.00
79) Terphenyl-d14	12.827	244	1271721	59.208	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.257	77	67	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.286	70	120742	11.259	ng	# 77
25) Isophorone	7.286	82	910455	31.666	ng	# 63
50) Dimethylphthalate	9.757	163	81596	2.948	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	52787	8.474	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	52787	6.645	ng	# 23
63) Azobenzene	10.469	77	197969	7.149	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	14709	2.268	ng	# 1

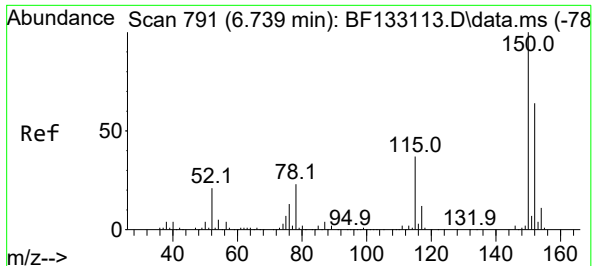
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
Data File : BF133306.D
Acq On : 08 May 2023 21:17
Operator : CG\JU
Sample : 02646-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-050523

Quant Time: May 09 05:08:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 04:59:36 2023
Response via : Initial Calibration

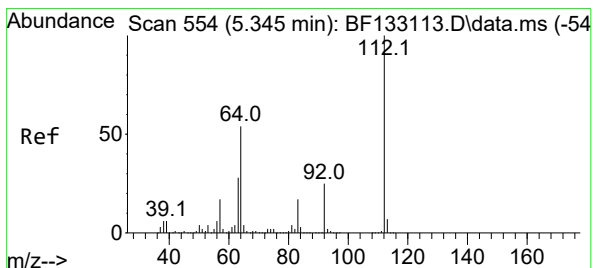
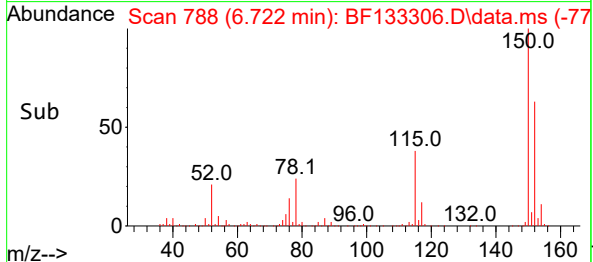
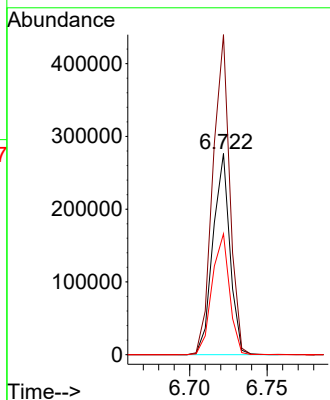
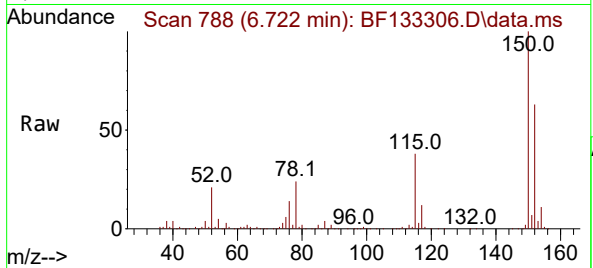




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133306.D
 Acq: 08 May 2023 21:17

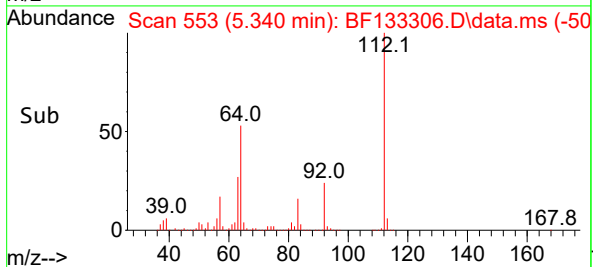
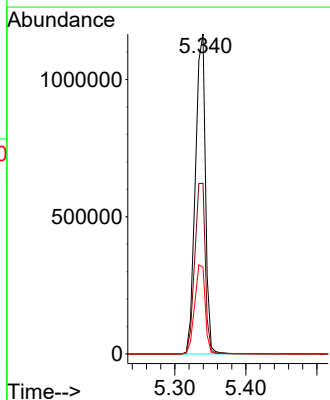
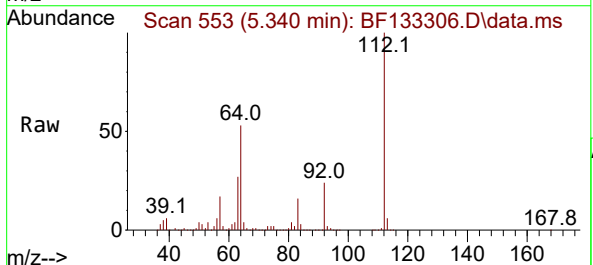
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-050523

Tgt Ion:152 Resp: 209654
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.8 187.2
 115 60.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 83.279 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.012 min
 Lab File: BF133306.D
 Acq: 08 May 2023 21:17

Tgt Ion:112 Resp: 1155815
 Ion Ratio Lower Upper
 112 100
 64 53.4 46.8 70.2
 63 27.1 23.8 35.8

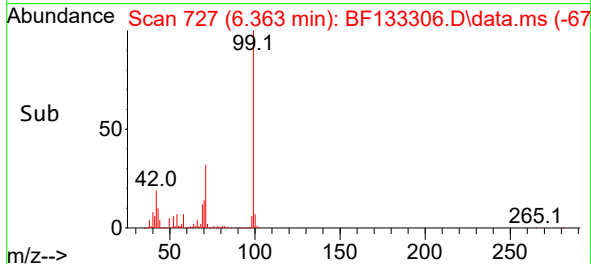
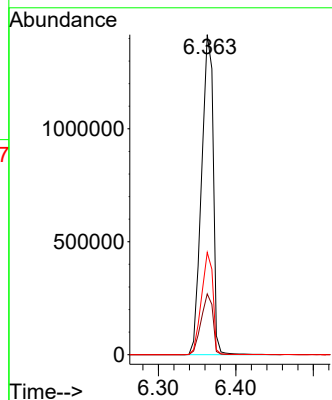
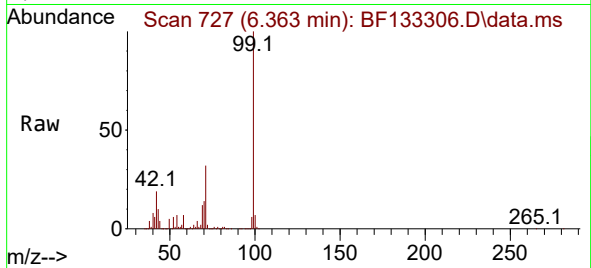




#7
Phenol-d6
Concen: 85.870 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133306.D
Acq: 08 May 2023 21:17

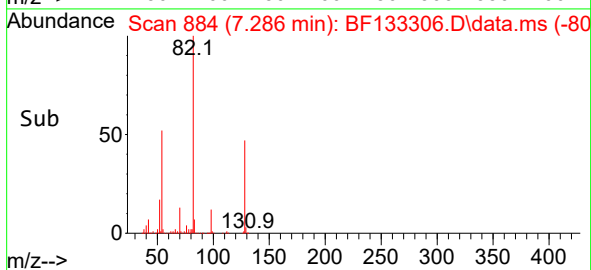
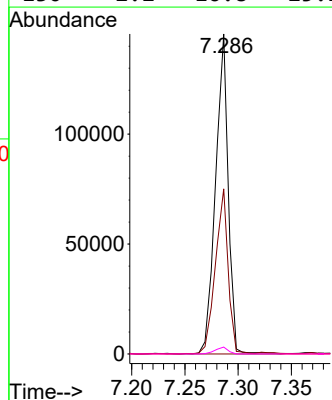
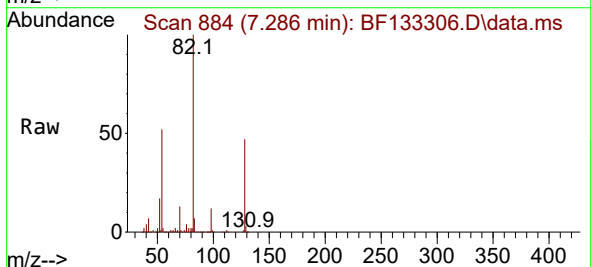
Instrument :
BNA_F
ClientSampleId :
CONCRETE-050523

Tgt Ion: 99 Resp: 1479234
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 31.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.259 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133306.D
Acq: 08 May 2023 21:17

Tgt Ion: 70 Resp: 120742
Ion Ratio Lower Upper
70 100
42 51.6 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#



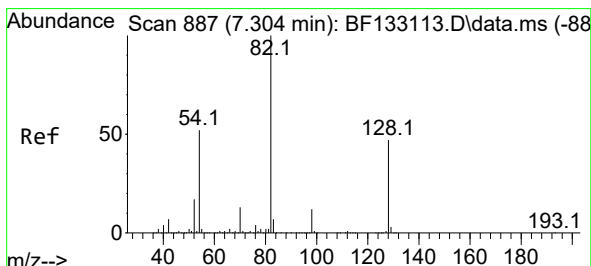
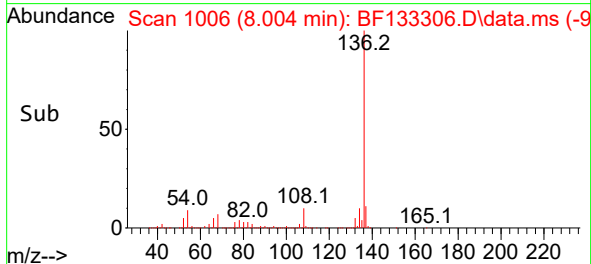
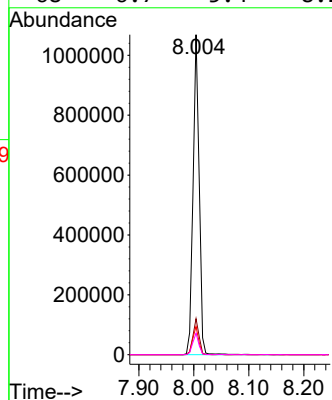
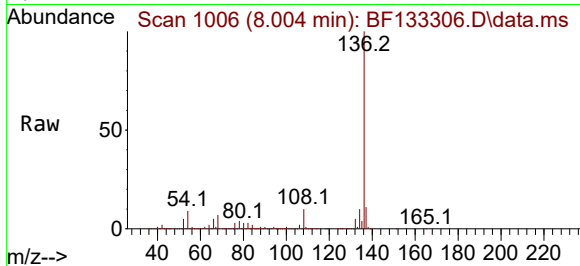


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133306.D
Acq: 08 May 2023 21:17

Instrument :
BNA_F
ClientSampleId :
CONCRETE-050523

Tgt Ion:136 Resp: 817372

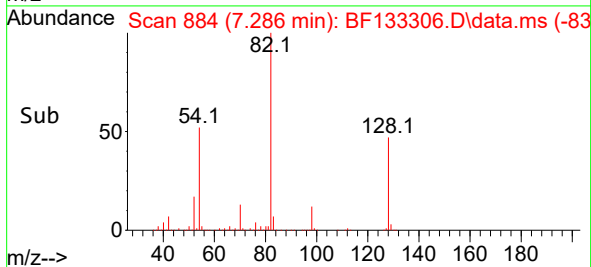
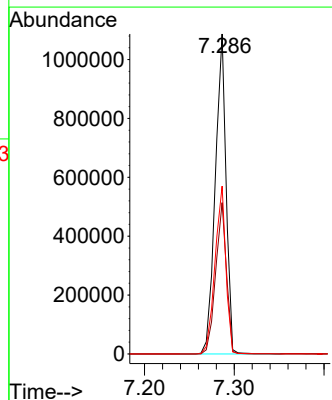
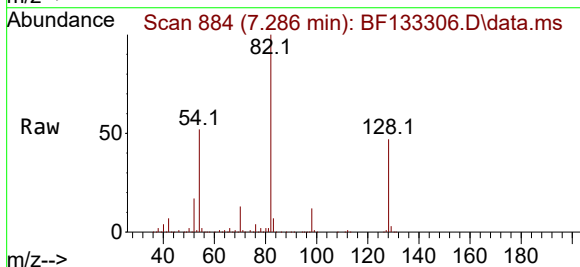
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.8	7.0	10.4
68	6.7	5.4	8.2



#23
Nitrobenzene-d5
Concen: 60.132 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133306.D
Acq: 08 May 2023 21:17

Tgt Ion: 82 Resp: 910586

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.7	56.5
54	52.5	43.0	64.4

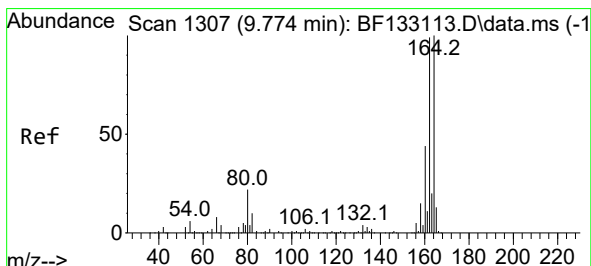
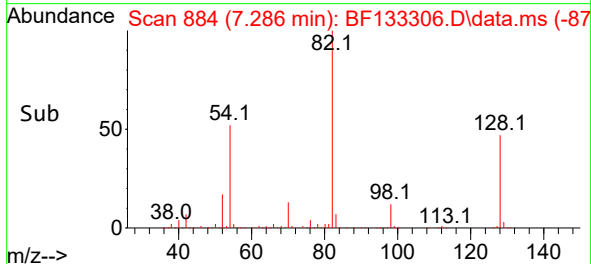
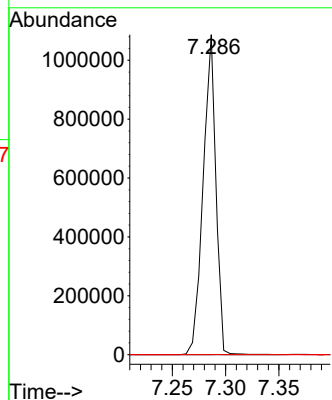
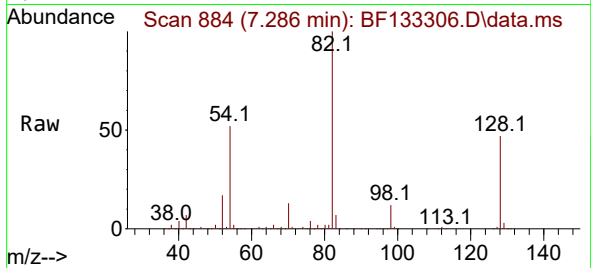




#25
Isophorone
Concen: 31.666 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133306.D
Acq: 08 May 2023 21:17

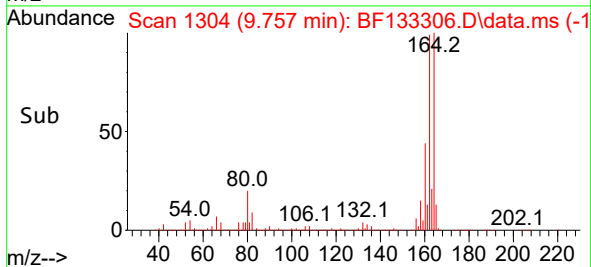
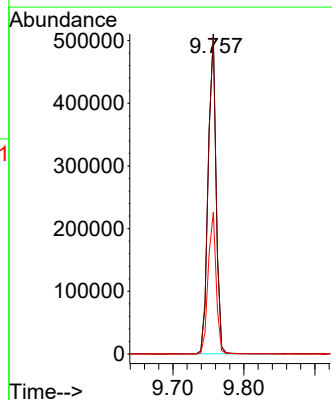
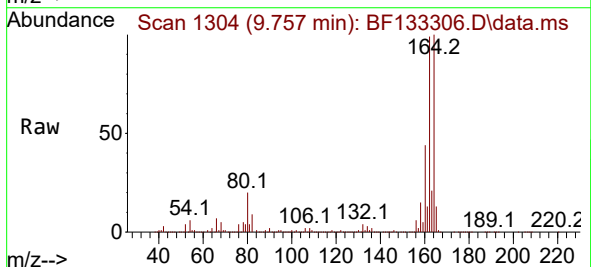
Instrument :
BNA_F
ClientSampleId :
CONCRETE-050523

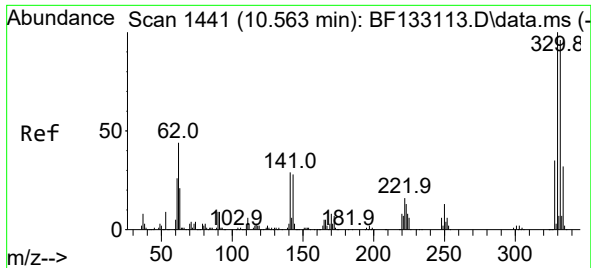
Tgt Ion: 82 Resp: 910455
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133306.D
Acq: 08 May 2023 21:17

Tgt Ion:164 Resp: 396903
Ion Ratio Lower Upper
164 100
162 99.3 78.7 118.1
160 44.2 35.8 53.6

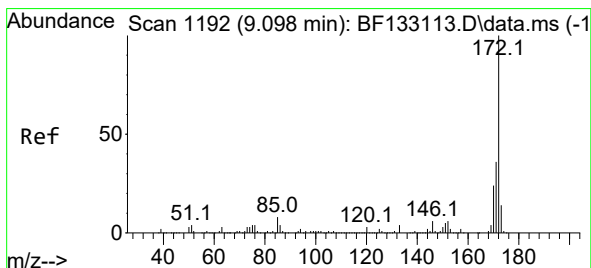
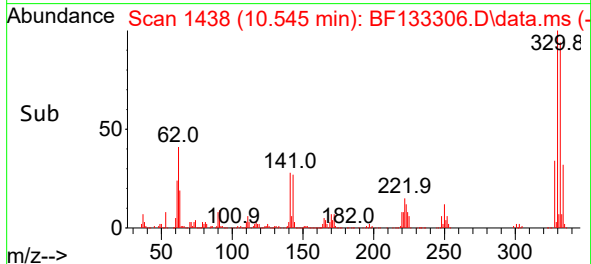
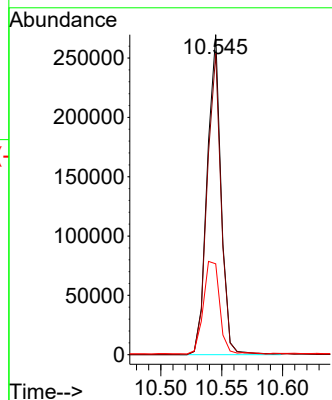
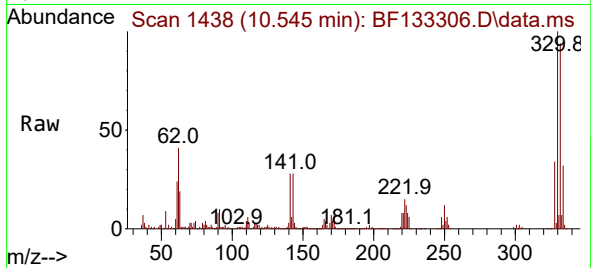




#42
2,4,6-Tribromophenol
Concen: 53.375 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133306.D
Acq: 08 May 2023 21:17

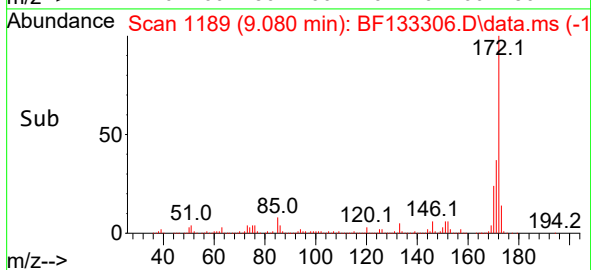
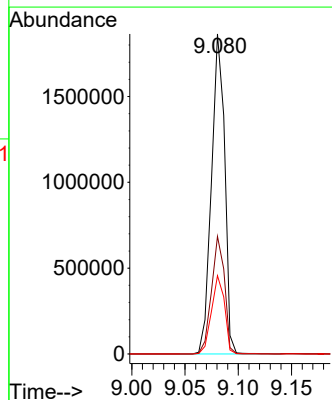
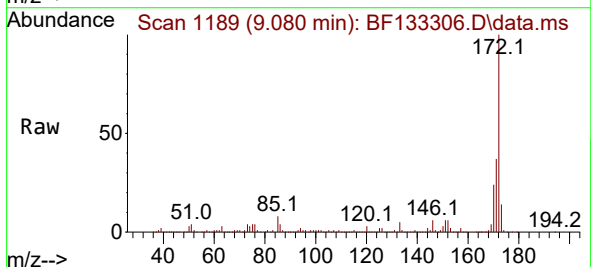
Instrument :
BNA_F
ClientSampleId :
CONCRETE-050523

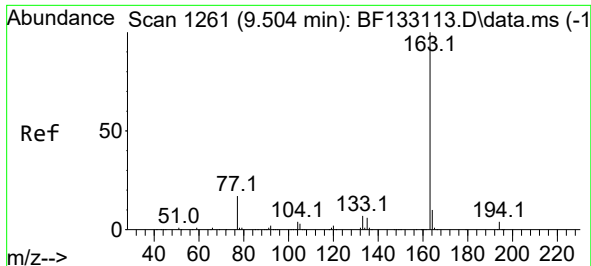
Tgt Ion:330 Resp: 213053
Ion Ratio Lower Upper
330 100
332 94.8 77.1 115.7
141 34.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 68.016 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133306.D
Acq: 08 May 2023 21:17

Tgt Ion:172 Resp: 1613617
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.4 19.4 29.2

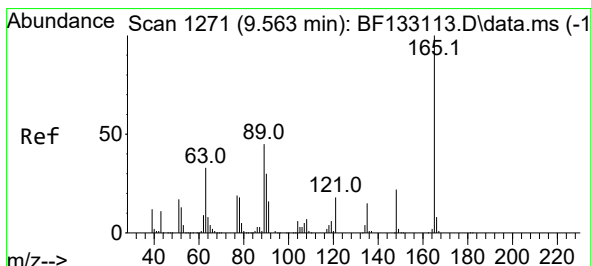
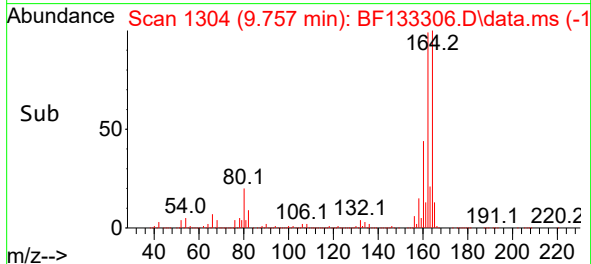
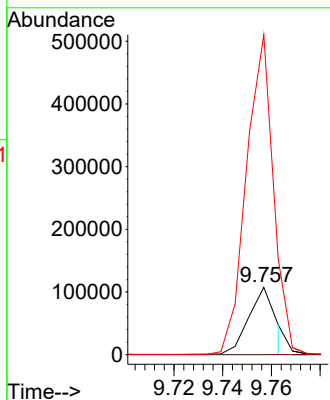
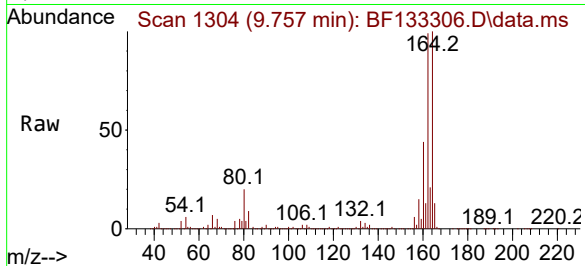




#50
Dimethylphthalate
Concen: 2.948 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF133306.D
Acq: 08 May 2023 21:17

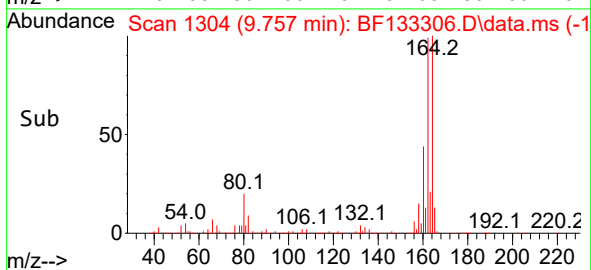
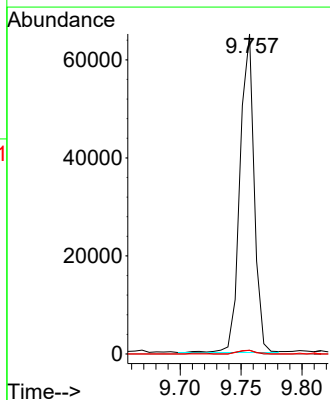
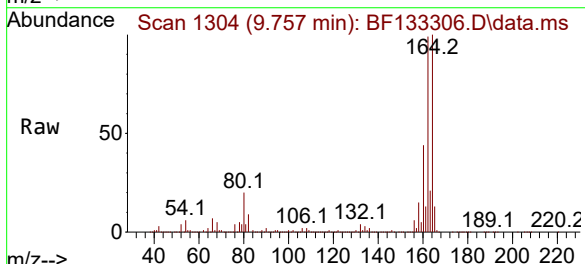
Instrument :
BNA_F
ClientSampleId :
CONCRETE-050523

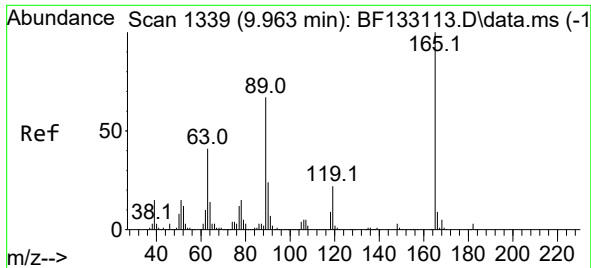
Tgt Ion:163 Resp: 81596
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 474.5 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.474 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133306.D
Acq: 08 May 2023 21:17

Tgt Ion:165 Resp: 52787
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.2 44.0 66.0#

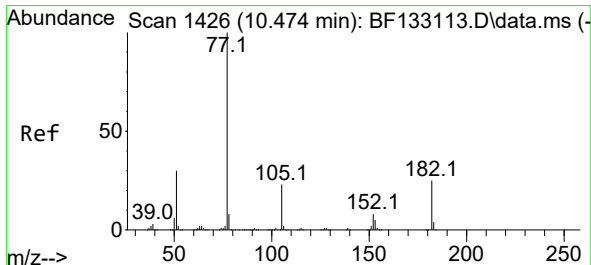
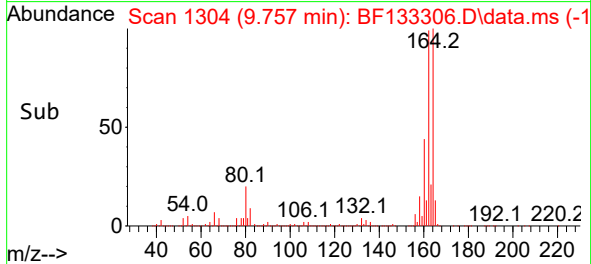
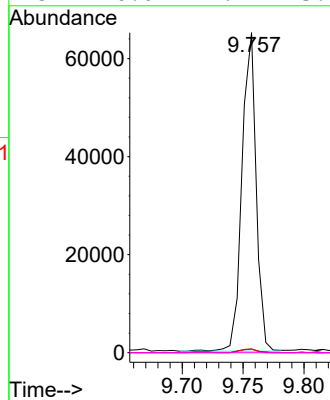
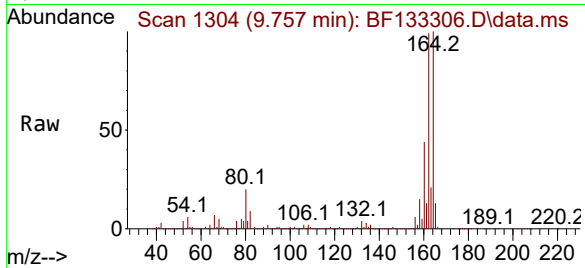




#57
2,4-Dinitrotoluene
Concen: 6.645 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133306.D
Acq: 08 May 2023 21:17

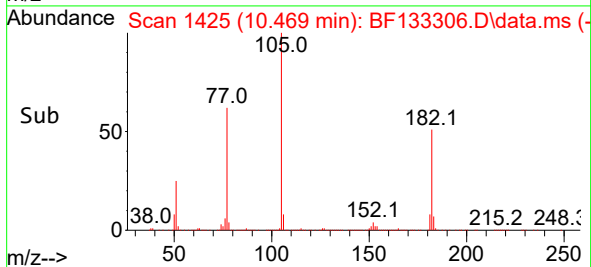
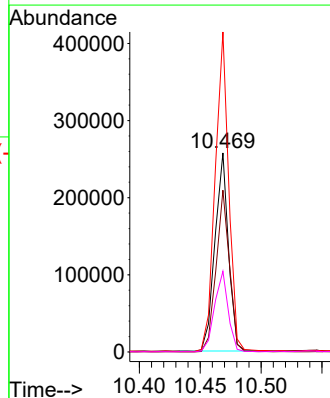
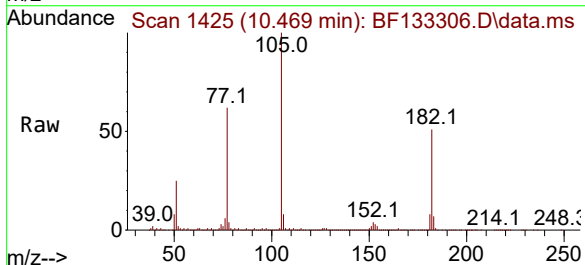
Instrument :
BNA_F
ClientSampleId :
CONCRETE-050523

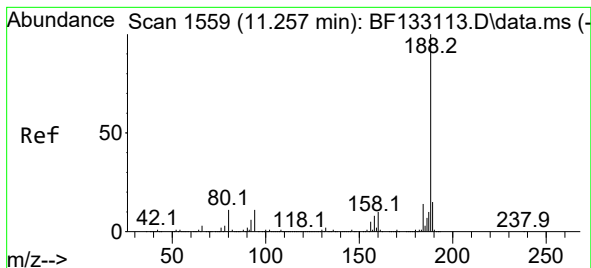
Tgt Ion:165 Resp: 52787
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.2 57.0 85.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 7.149 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF133306.D
Acq: 08 May 2023 21:17

Tgt Ion: 77 Resp: 197969
Ion Ratio Lower Upper
77 100
182 81.3 5.9 45.9#
105 160.8 2.3 42.3#
51 40.5 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133306.D

Acq: 08 May 2023 21:17

Instrument :

BNA_F

ClientSampleId :

CONCRETE-050523

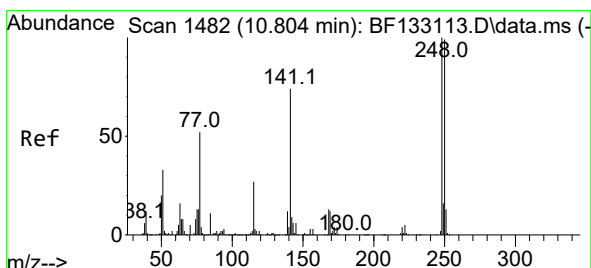
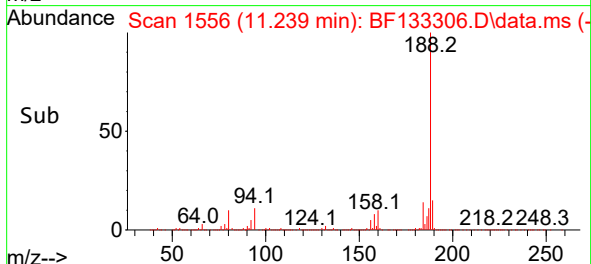
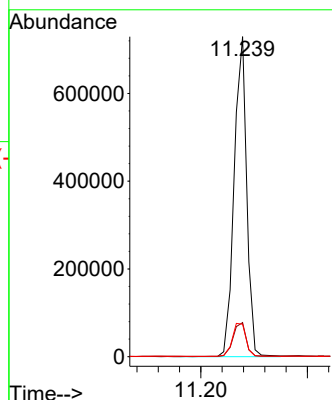
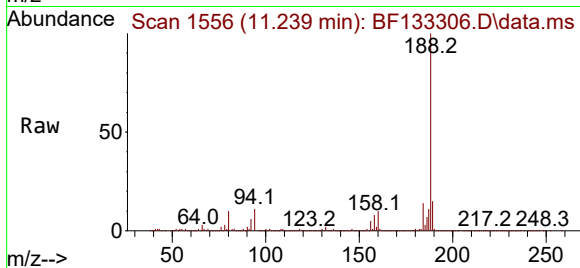
Tgt Ion:188 Resp: 597915

Ion Ratio Lower Upper

188 100

94 10.7 9.7 14.5

80 10.1 10.4 15.6#



#67

4-Bromophenyl-phenylether

Concen: 2.268 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF133306.D

Acq: 08 May 2023 21:17

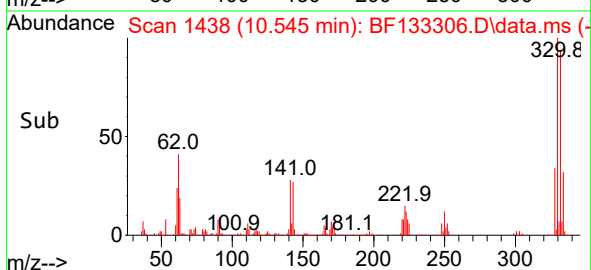
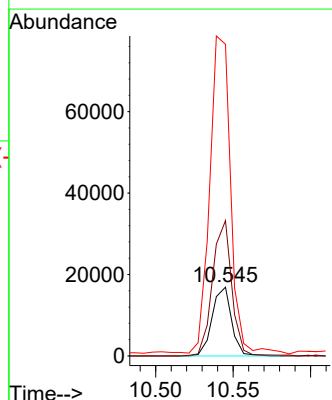
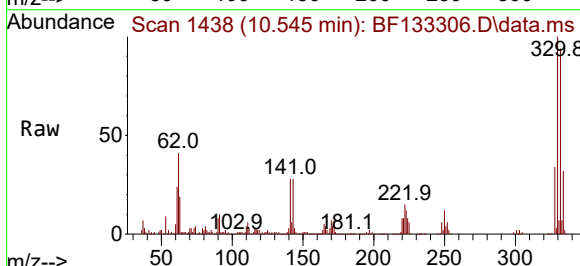
Tgt Ion:248 Resp: 14709

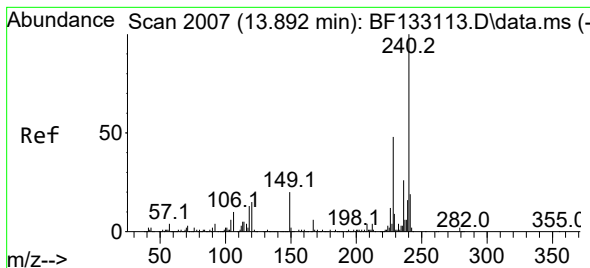
Ion Ratio Lower Upper

248 100

250 196.7 78.7 118.1#

141 453.0 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133306.D

Acq: 08 May 2023 21:17

Instrument :

BNA_F

ClientSampleId :

CONCRETE-050523

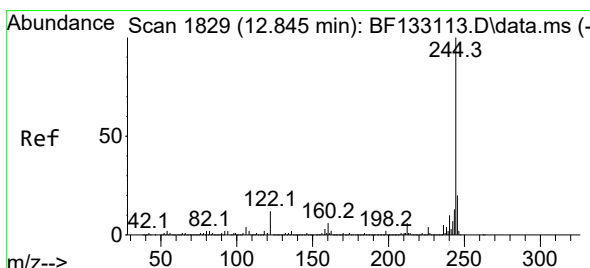
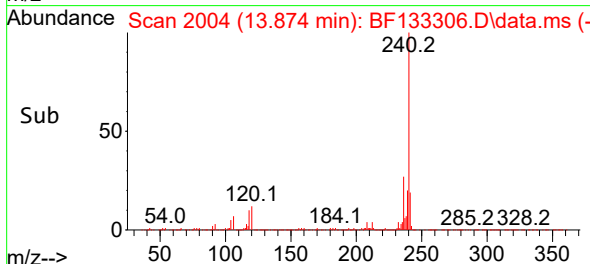
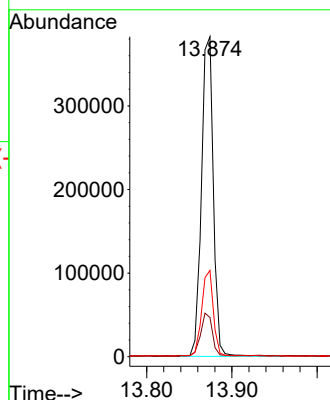
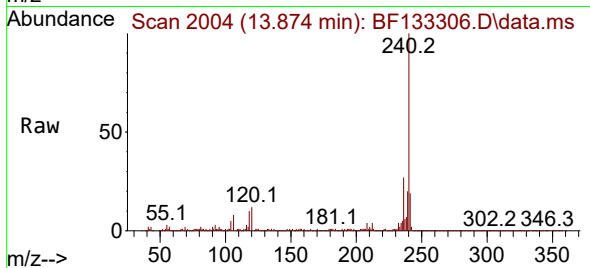
Tgt Ion:240 Resp: 370437

Ion Ratio Lower Upper

240 100

120 12.2 10.5 15.7

236 27.0 21.5 32.3



#79

Terphenyl-d14

Concen: 59.208 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF133306.D

Acq: 08 May 2023 21:17

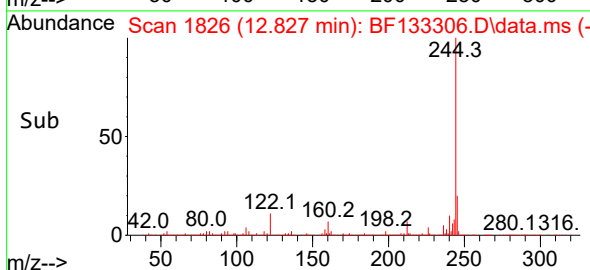
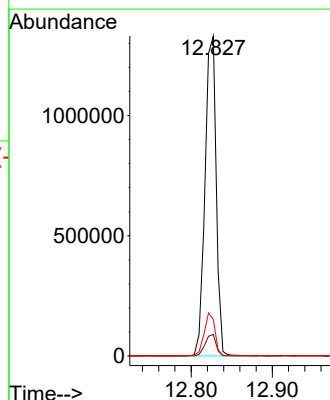
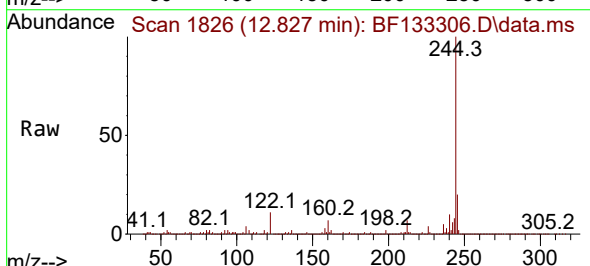
Tgt Ion:244 Resp: 1271721

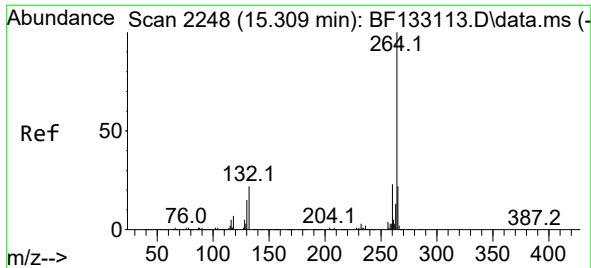
Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

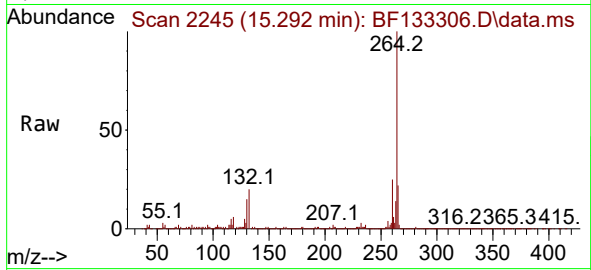
122 11.4 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133306.D
Acq: 08 May 2023 21:17

Instrument :
BNA_F
ClientSampleId :
CONCRETE-050523



Tgt Ion:264 Resp: 438389
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 22.1 17.0 25.4

