

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
 Data File : BF133448.D
 Acq On : 18 May 2023 20:14
 Operator : CG\JU
 Sample : 02826-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-3-051723

Quant Time: May 19 03:21:43 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 18 18:12:00 2023
 Response via : Initial Calibration

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

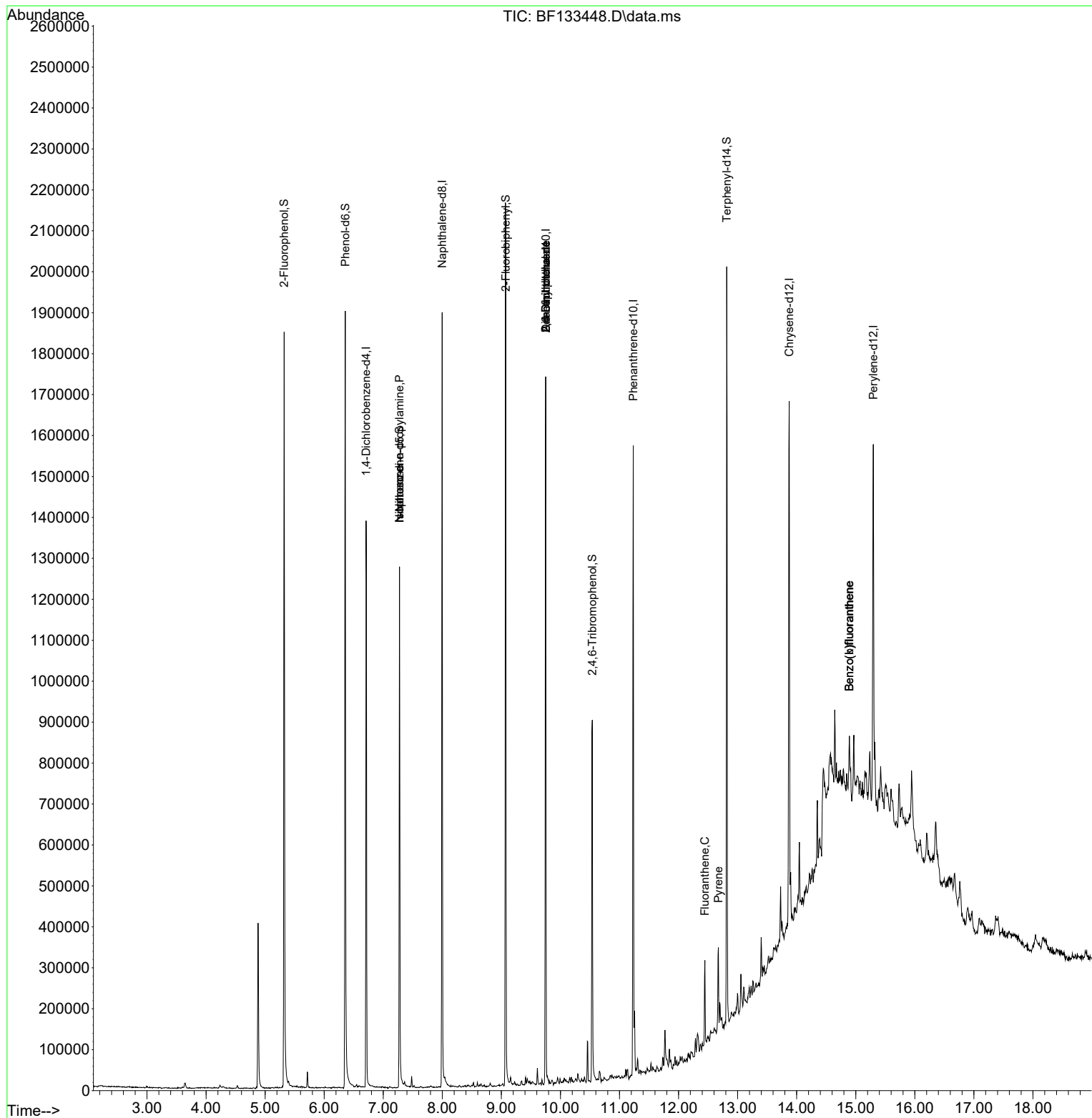
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	211595	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	786040	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	339856	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	550174	20.000	ng	0.00
76) Chrysene-d12	13.874	240	432812	20.000	ng	0.00
86) Perylene-d12	15.298	264	382641	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	549186	39.207	ng	0.00
7) Phenol-d6	6.357	99	641587	36.903	ng	-0.01
23) Nitrobenzene-d5	7.275	82	367579	25.241	ng	-0.01
42) 2,4,6-Tribromophenol	10.539	330	118879	34.781	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	691014	34.016	ng	0.00
79) Terphenyl-d14	12.815	244	636349	25.357	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.257	77	184	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.275	70	48789	4.508	ng	# 77
25) Isophorone	7.275	82	367577	13.294	ng	# 63
50) Dimethylphthalate	9.751	163	69513	2.933	ng	# 1
51) 2,6-Dinitrotoluene	9.751	165	44387	8.322	ng	# 25
57) 2,4-Dinitrotoluene	9.751	165	44387	6.526	ng	# 23
75) Fluoranthene	12.445	202	83954	2.829	ng	97
78) Pyrene	12.674	202	86331	2.327	ng	98
88) Benzo(b)fluoranthene	14.892	252	77361	3.178	ng	# 76
89) Benzo(k)fluoranthene	14.892	252	77361	3.206	ng	# 76

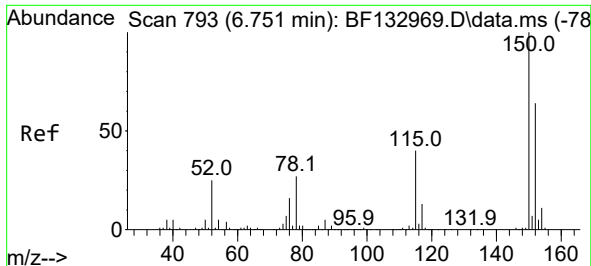
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
Data File : BF133448.D
Acq On : 18 May 2023 20:14
Operator : CG\JU
Sample : 02826-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-051723

Quant Time: May 19 03:21:43 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 18 18:12:00 2023
Response via : Initial Calibration

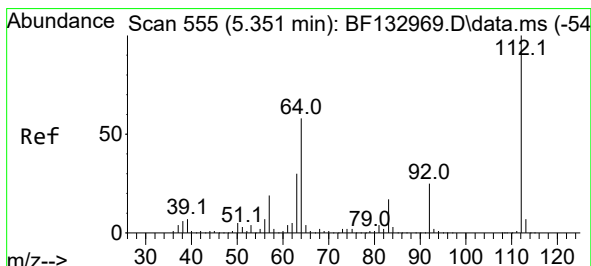
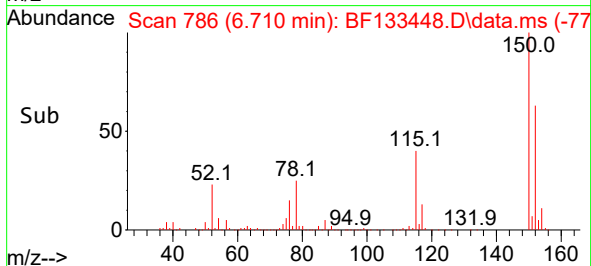
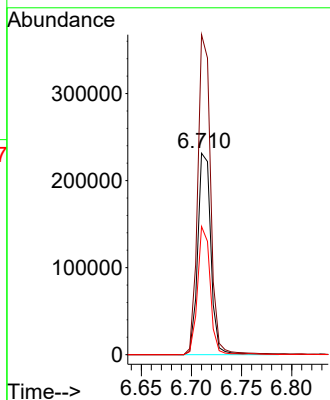
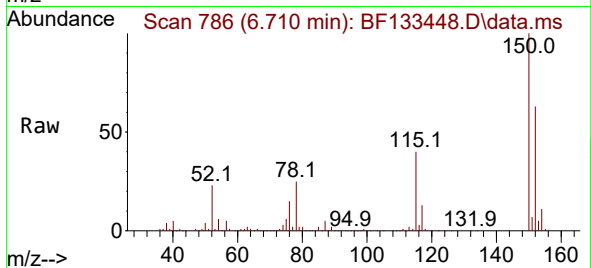




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.710 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

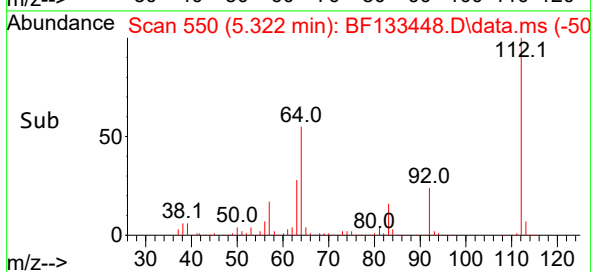
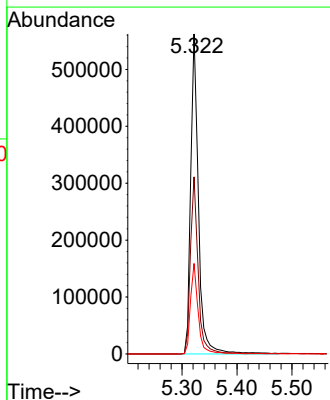
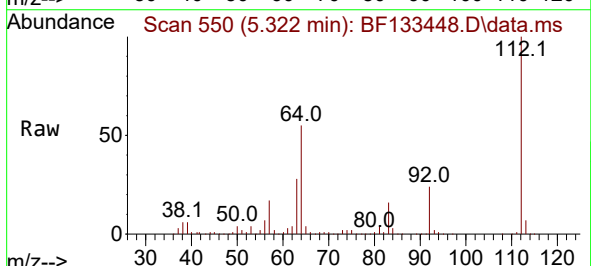
Instrument :
BNA_F
ClientSampleId :
SU-3-051723

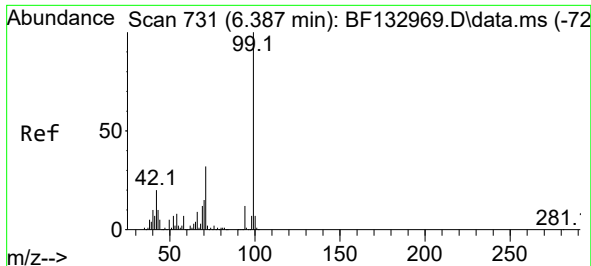
Tgt Ion:152 Resp: 211595
Ion Ratio Lower Upper
152 100
150 158.8 124.8 187.2
115 63.7 49.9 74.9



#5
2-Fluorophenol
Concen: 39.207 ng
RT: 5.322 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

Tgt Ion:112 Resp: 549186
Ion Ratio Lower Upper
112 100
64 55.3 46.8 70.2
63 28.3 23.8 35.8

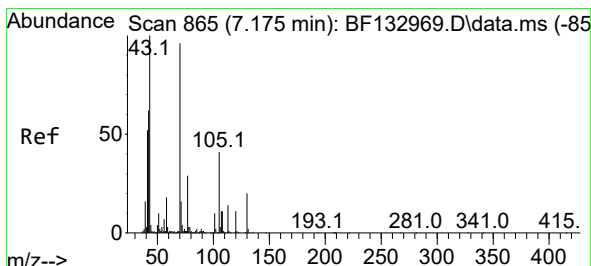
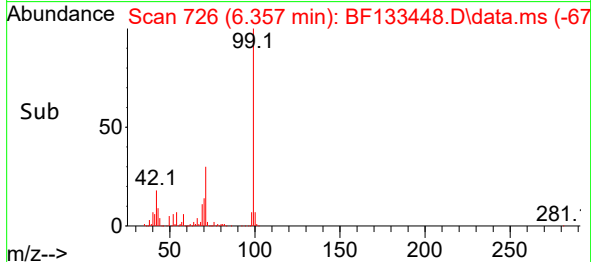
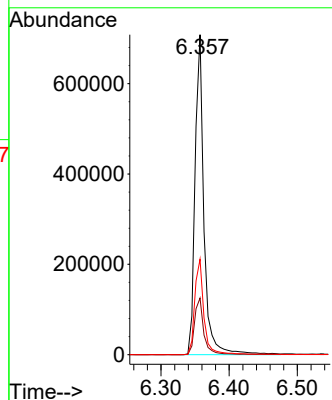
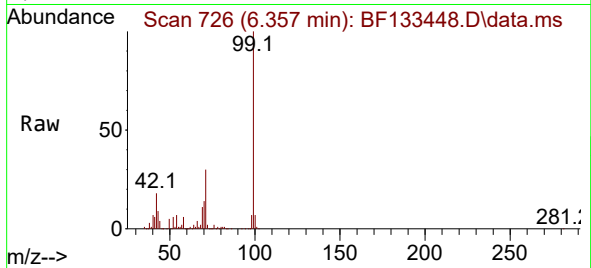




#7
Phenol-d6
Concen: 36.903 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

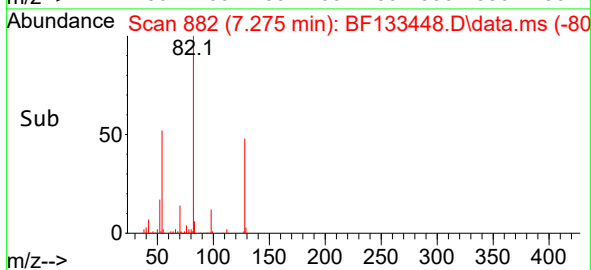
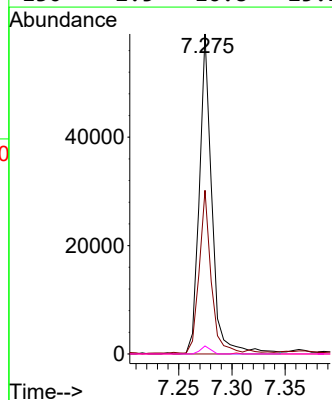
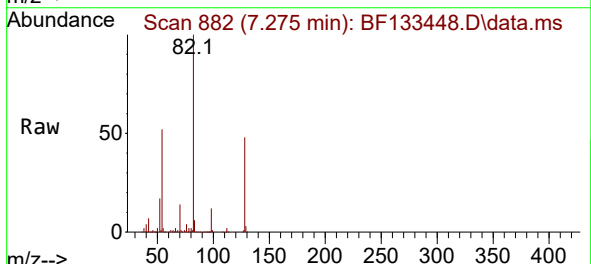
Instrument :
BNA_F
ClientSampleId :
SU-3-051723

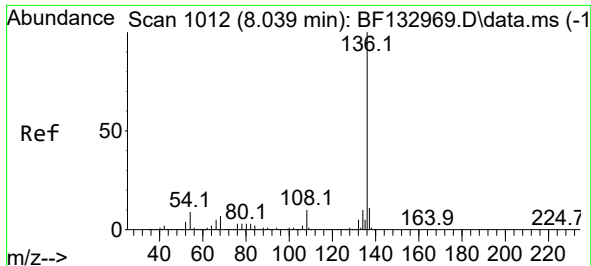
Tgt Ion: 99 Resp: 641587
Ion Ratio Lower Upper
99 100
42 17.7 16.3 24.5
71 29.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.508 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.135 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

Tgt Ion: 70 Resp: 48789
Ion Ratio Lower Upper
70 100
42 51.2 51.8 77.6#
101 0.0 8.0 12.0#
130 2.5 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF133448.D

Acq: 18 May 2023 20:14

Instrument :

BNA_F

ClientSampleId :

SU-3-051723

Tgt Ion:136 Resp: 786040

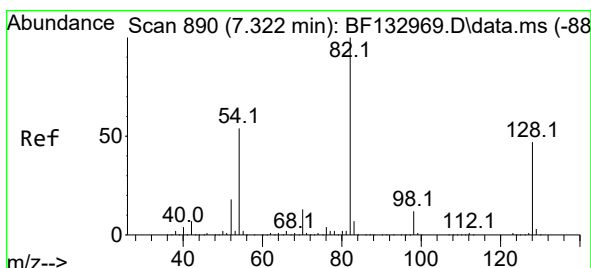
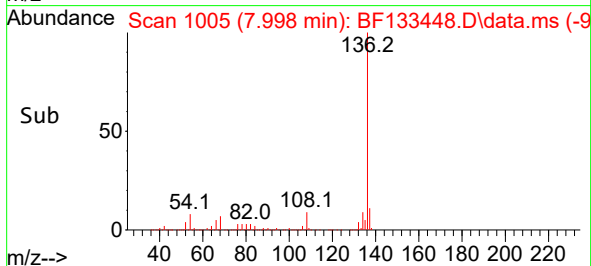
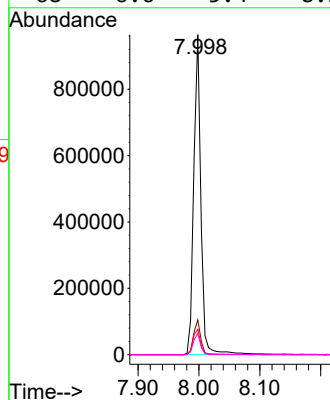
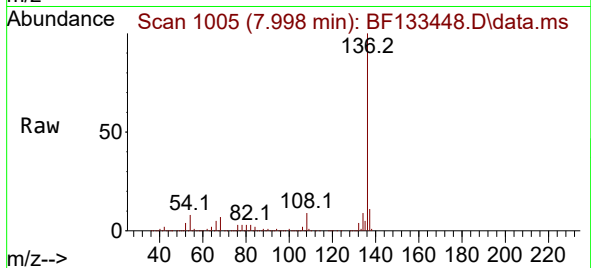
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.0 7.0 10.4

68 6.6 5.4 8.2



#23

Nitrobenzene-d5

Concen: 25.241 ng

RT: 7.275 min Scan# 882

Delta R.T. -0.012 min

Lab File: BF133448.D

Acq: 18 May 2023 20:14

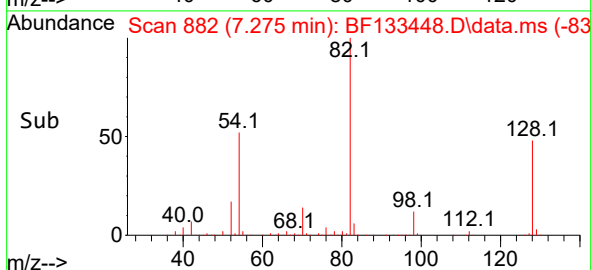
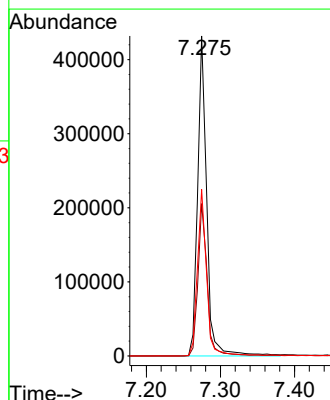
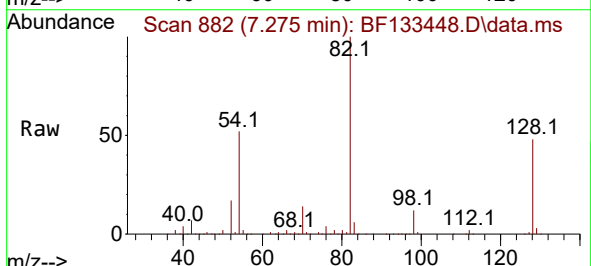
Tgt Ion: 82 Resp: 367579

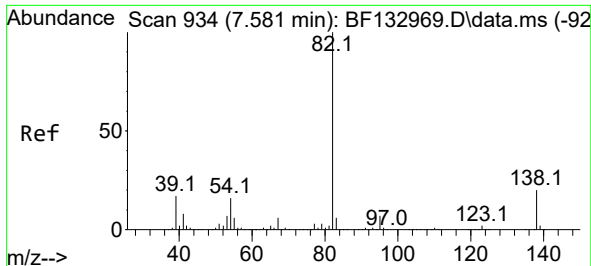
Ion Ratio Lower Upper

82 100

128 47.6 37.7 56.5

54 52.1 43.0 64.4

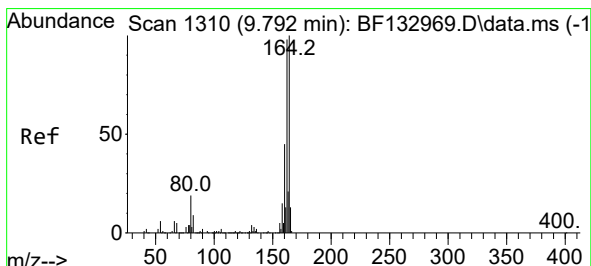
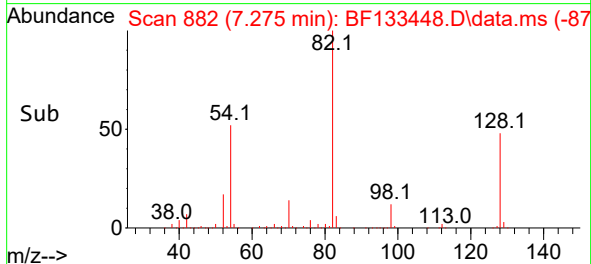
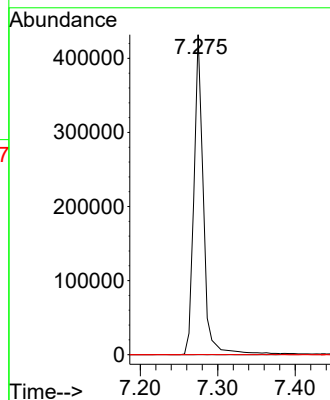
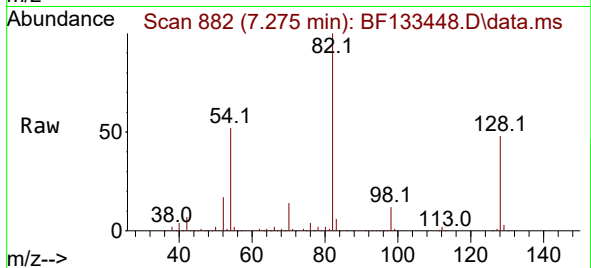




#25
Isophorone
Concen: 13.294 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

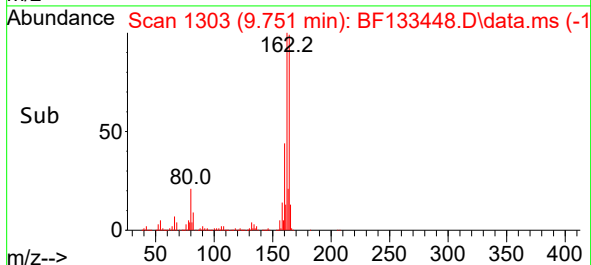
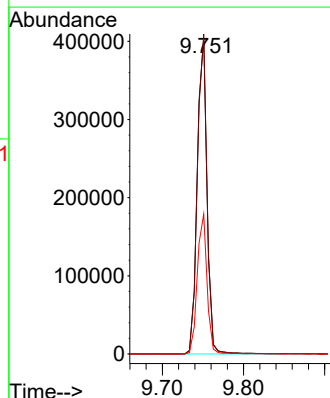
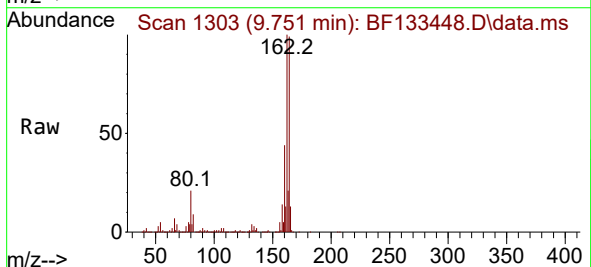
Instrument :
BNA_F
ClientSampleId :
SU-3-051723

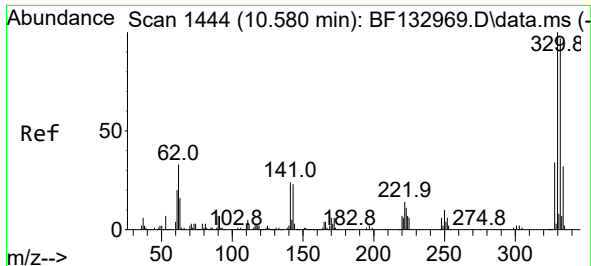
Tgt Ion: 82 Resp: 367577
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

Tgt Ion:164 Resp: 339856
Ion Ratio Lower Upper
164 100
162 101.2 78.7 118.1
160 44.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 34.781 ng

RT: 10.539 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133448.D

Acq: 18 May 2023 20:14

Instrument :

BNA_F

ClientSampleId :

SU-3-051723

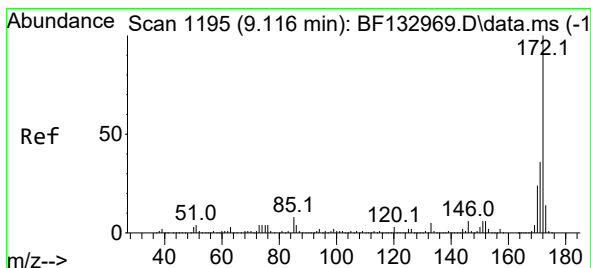
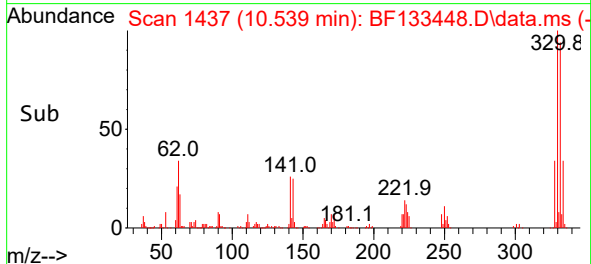
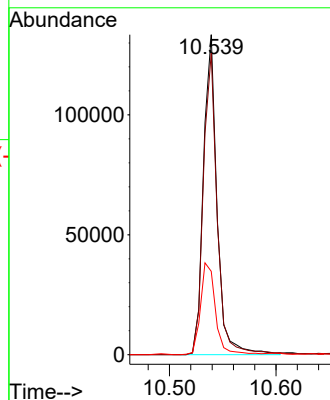
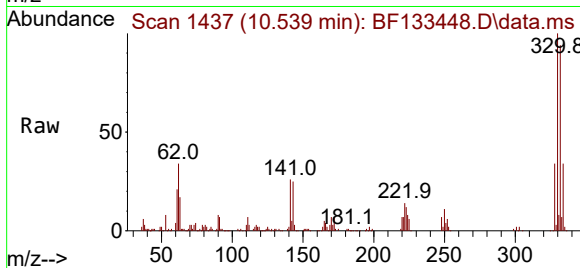
Tgt Ion:330 Resp: 118879

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 31.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 34.016 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF133448.D

Acq: 18 May 2023 20:14

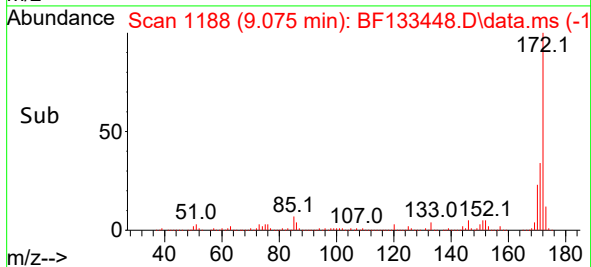
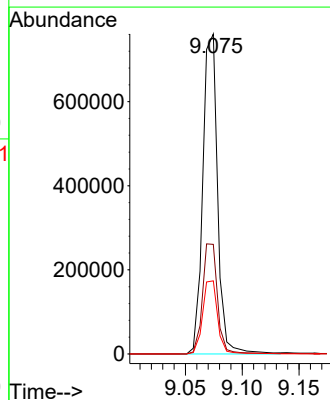
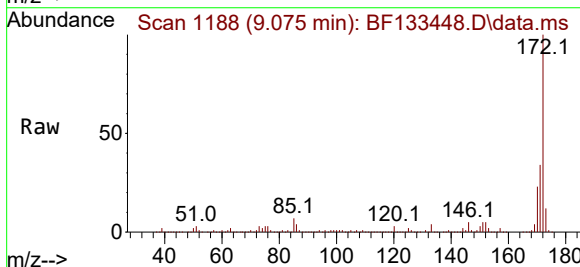
Tgt Ion:172 Resp: 691014

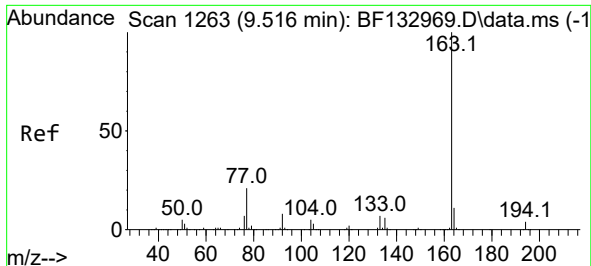
Ion Ratio Lower Upper

172 100

171 34.3 28.8 43.2

170 22.9 19.4 29.2

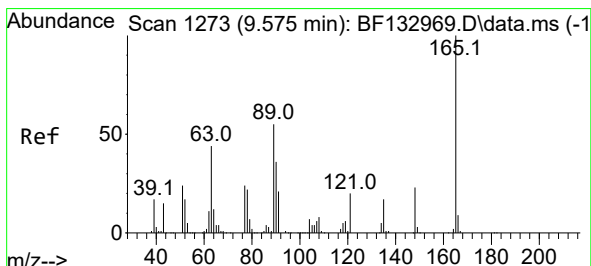
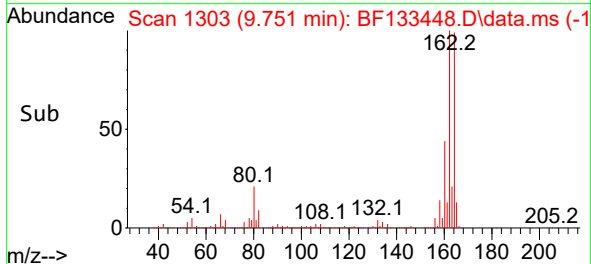
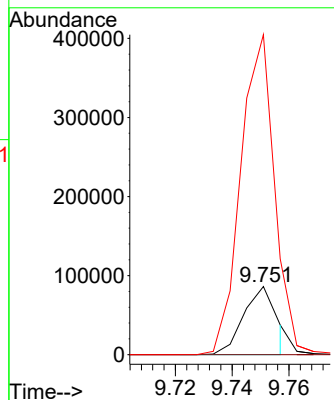
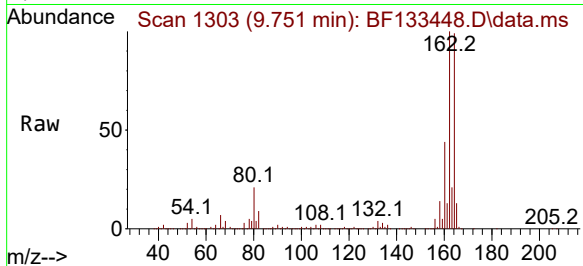




#50
Dimethylphthalate
Concen: 2.933 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

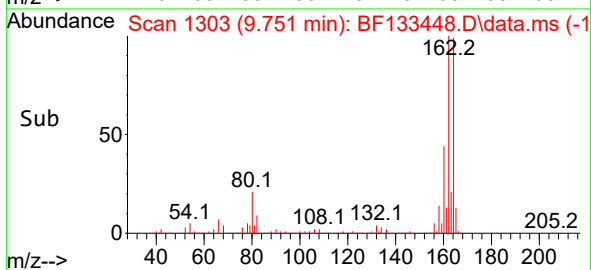
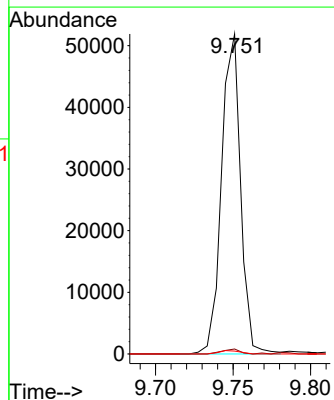
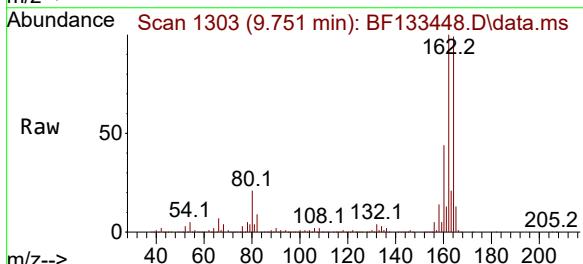
Instrument :
BNA_F
ClientSampleId :
SU-3-051723

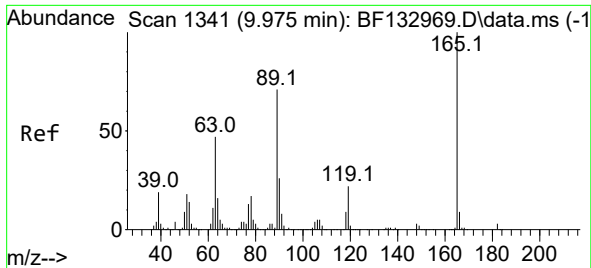
Tgt Ion:163 Resp: 69513
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 469.8 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.322 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.206 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

Tgt Ion:165 Resp: 44387
Ion Ratio Lower Upper
165 100
63 1.5 45.9 68.9#
89 0.9 44.0 66.0#

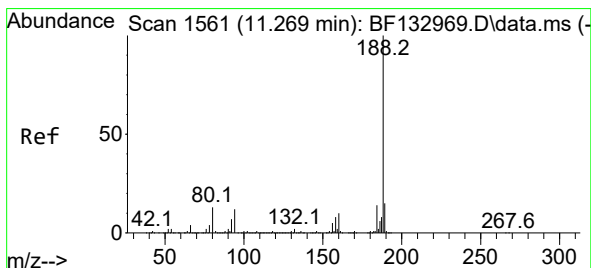
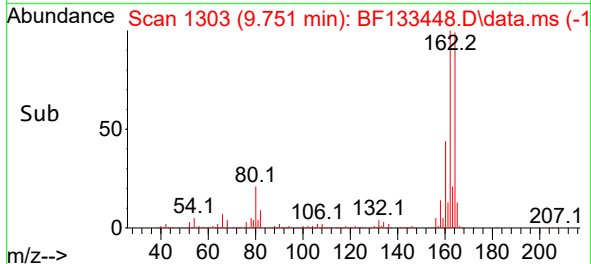
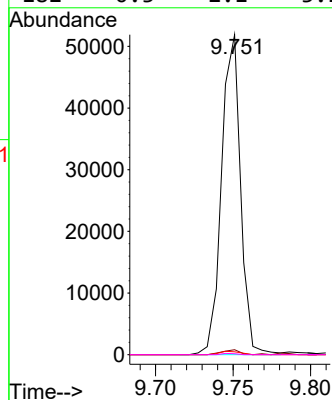
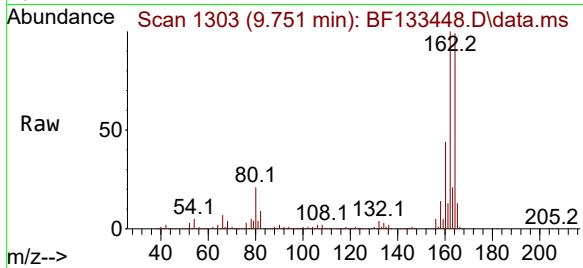




#57
2,4-Dinitrotoluene
Concen: 6.526 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

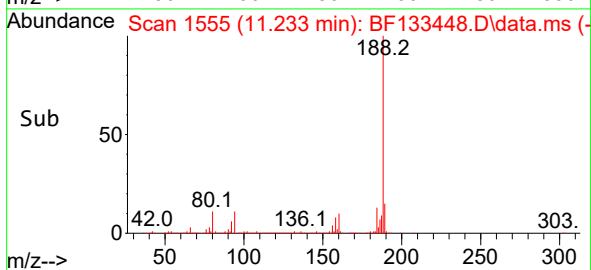
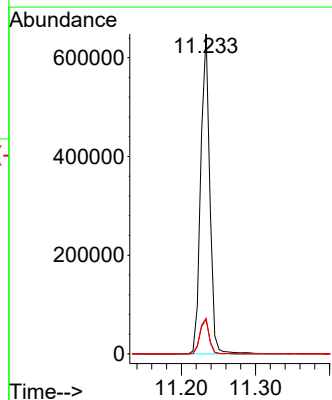
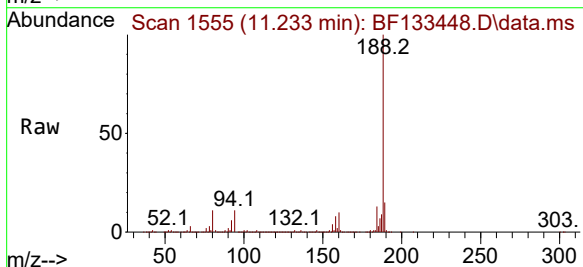
Instrument :
BNA_F
ClientSampleId :
SU-3-051723

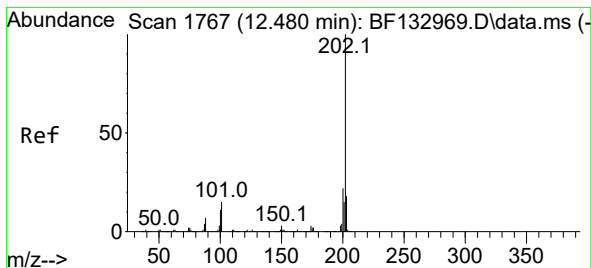
Tgt Ion:165 Resp: 44387
Ion Ratio Lower Upper
165 100
63 1.5 37.7 56.5#
89 0.9 57.0 85.4#
182 0.3 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

Tgt Ion:188 Resp: 550174
Ion Ratio Lower Upper
188 100
94 10.8 9.7 14.5
80 11.2 10.4 15.6





#75

Fluoranthene

Concen: 2.829 ng

RT: 12.445 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133448.D

Acq: 18 May 2023 20:14

Instrument :

BNA_F

ClientSampleId :

SU-3-051723

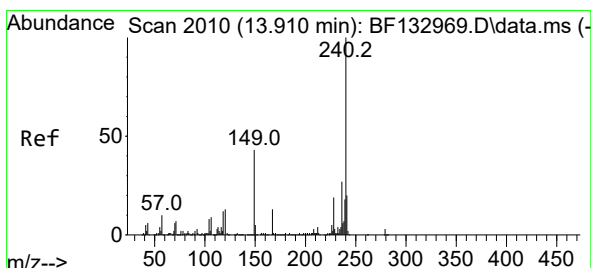
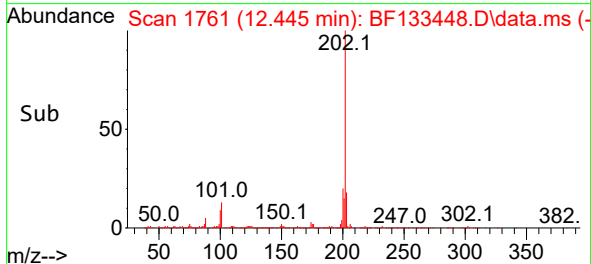
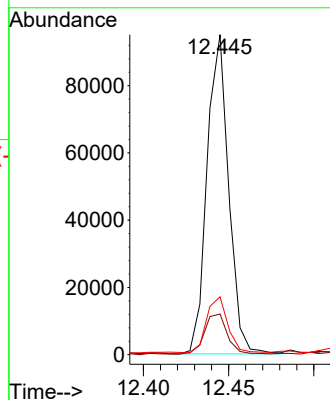
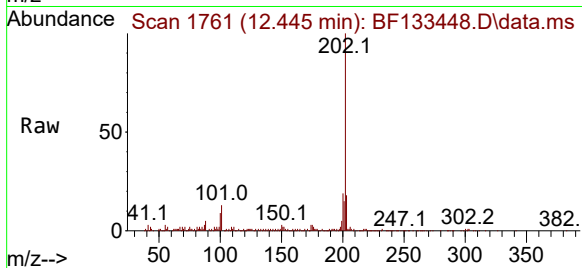
Tgt Ion:202 Resp: 83954

Ion Ratio Lower Upper

202 100

101 12.7 0.0 35.3

203 18.1 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BF133448.D

Acq: 18 May 2023 20:14

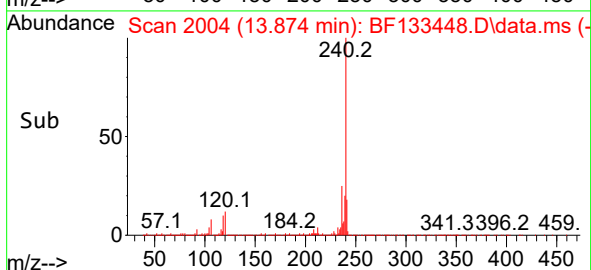
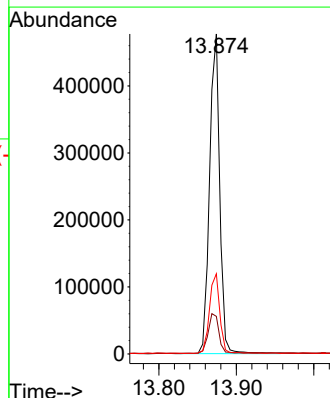
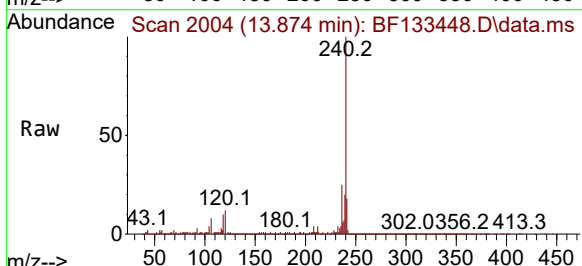
Tgt Ion:240 Resp: 432812

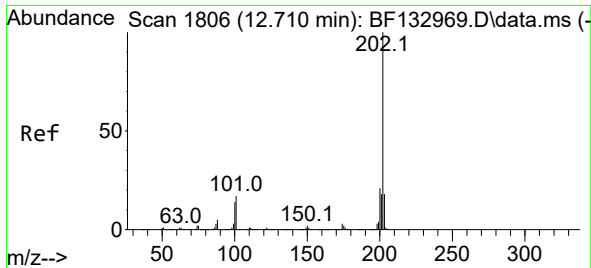
Ion Ratio Lower Upper

240 100

120 11.8 10.5 15.7

236 25.1 21.5 32.3

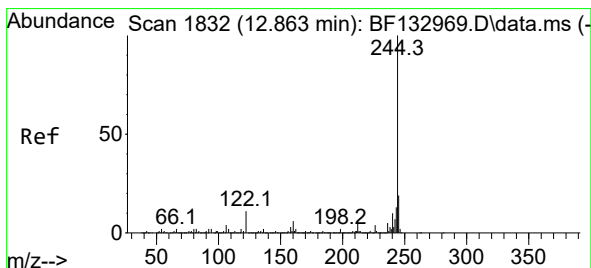
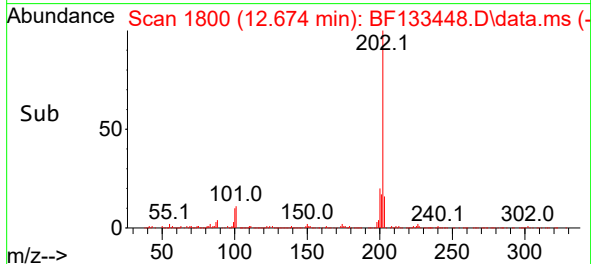
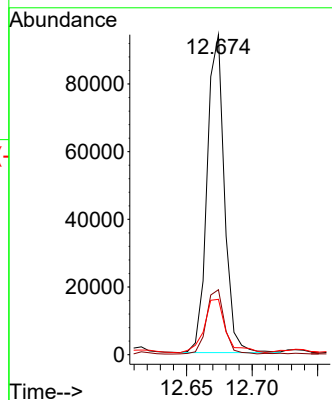
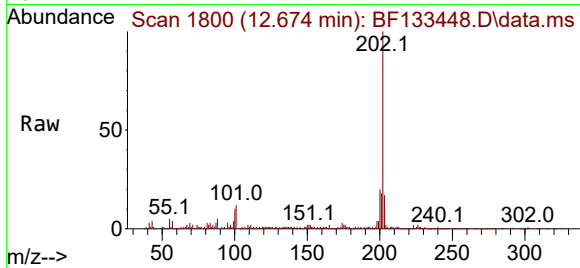




#78
Pyrene
Concen: 2.327 ng
RT: 12.674 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

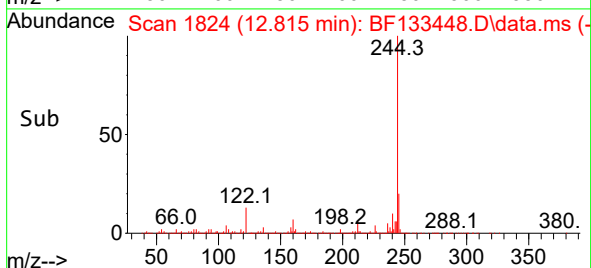
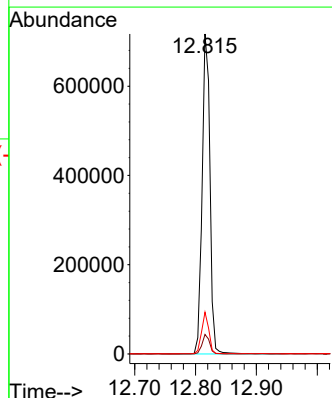
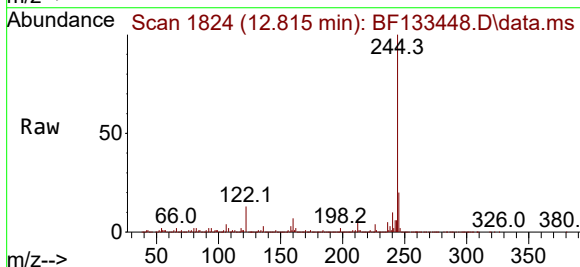
Instrument :
BNA_F
ClientSampleId :
SU-3-051723

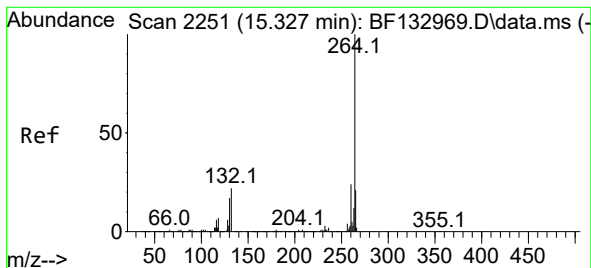
Tgt Ion:202 Resp: 86331
Ion Ratio Lower Upper
202 100
200 20.3 17.1 25.7
203 17.3 14.1 21.1



#79
Terphenyl-d14
Concen: 25.357 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

Tgt Ion:244 Resp: 636349
Ion Ratio Lower Upper
244 100
212 6.1 5.1 7.7
122 13.1 8.6 13.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133448.D

Acq: 18 May 2023 20:14

Instrument :

BNA_F

ClientSampleId :

SU-3-051723

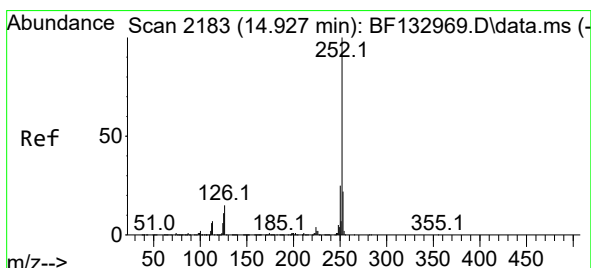
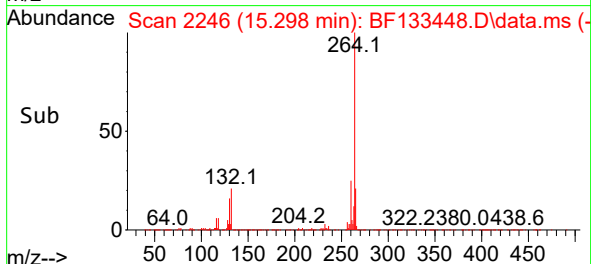
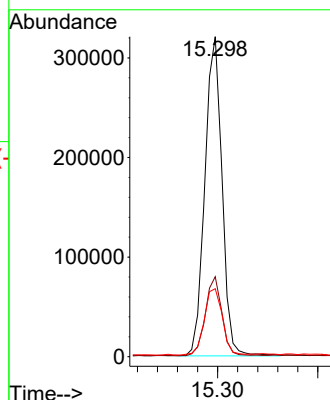
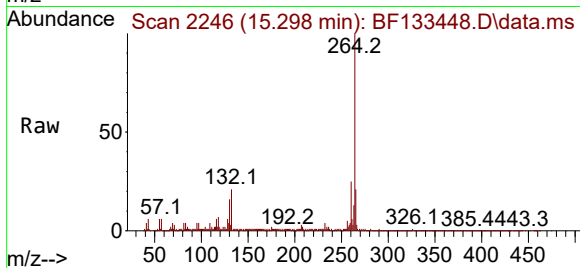
Tgt Ion:264 Resp: 382641

Ion Ratio Lower Upper

264 100

260 25.0 18.8 28.2

265 21.3 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 3.178 ng

RT: 14.892 min Scan# 2177

Delta R.T. -0.000 min

Lab File: BF133448.D

Acq: 18 May 2023 20:14

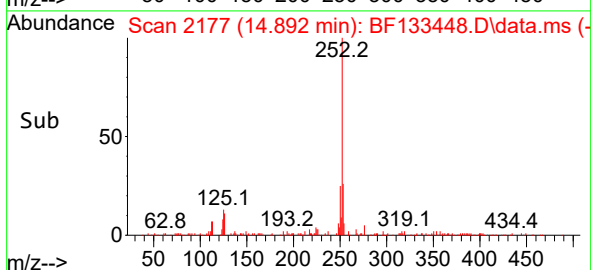
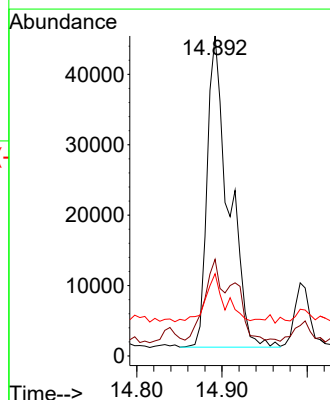
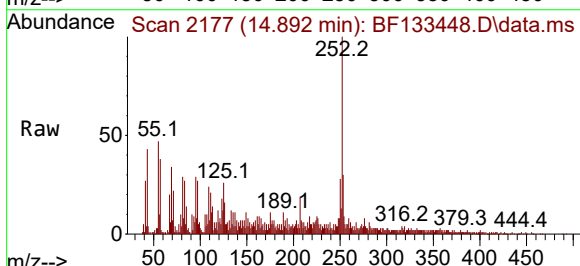
Tgt Ion:252 Resp: 77361

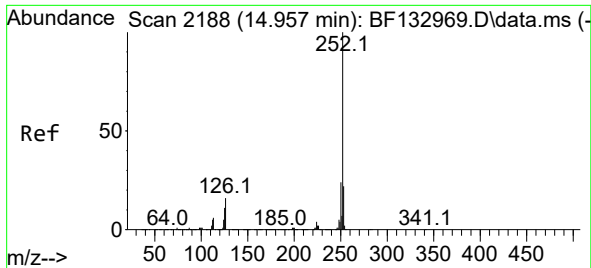
Ion Ratio Lower Upper

252 100

253 30.2 17.6 26.4#

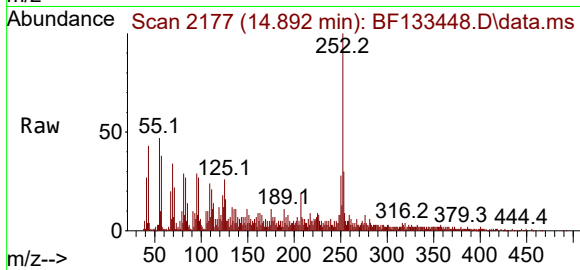
125 25.7 8.9 13.3#





#89
Benzo(k)fluoranthene
Concen: 3.206 ng
RT: 14.892 min Scan# 2177
Delta R.T. -0.030 min
Lab File: BF133448.D
Acq: 18 May 2023 20:14

Instrument :
BNA_F
ClientSampleId :
SU-3-051723



Tgt Ion:252 Resp: 77361
Ion Ratio Lower Upper
252 100
253 30.2 17.7 26.5#
125 25.7 9.0 13.4#

