

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133229.D
 Acq On : 04 May 2023 14:15
 Operator : CG\JU
 Sample : 02588-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZONE-A-3-6-05022023

Quant Time: May 04 15:20:14 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 04 12:22:53 2023
 Response via : Initial Calibration

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

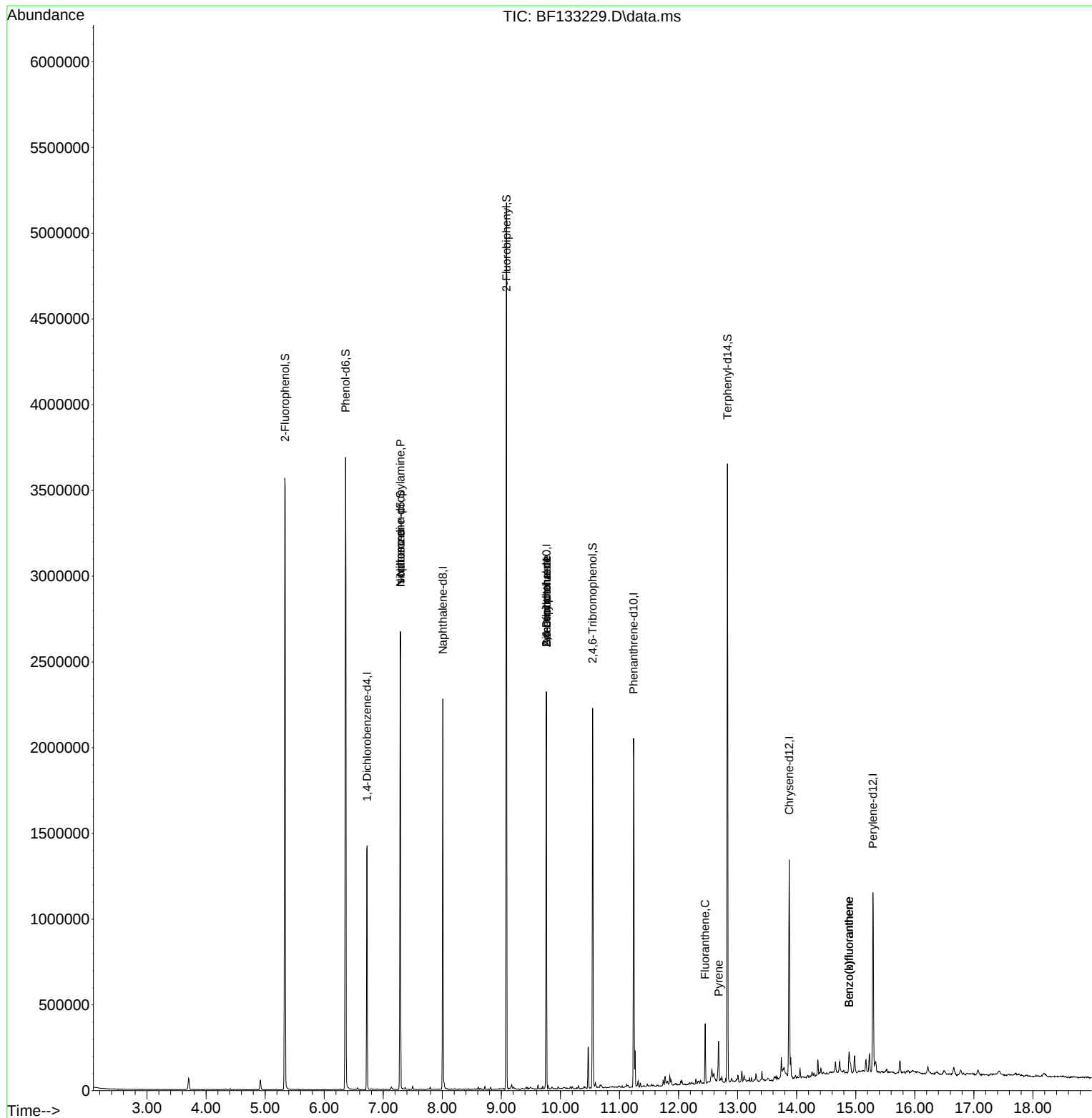
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	208746	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	845980	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	433032	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	737099	20.000	ng	0.00
76) Chrysene-d12	13.874	240	361934	20.000	ng	-0.01
86) Perylene-d12	15.292	264	440998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1088064	78.739	ng	0.00
7) Phenol-d6	6.363	99	1377841	80.332	ng	-0.01
23) Nitrobenzene-d5	7.292	82	854171	54.499	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	241901	55.546	ng	-0.01
45) 2-Fluorobiphenyl	9.086	172	1411838	54.546	ng	0.00
79) Terphenyl-d14	12.827	244	1187061	56.565	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.269	77	1101	Below Cal	#	76
19) n-Nitroso-di-n-propyla...	7.292	70	113485	10.628	ng	# 76
25) Isophorone	7.292	82	852261	28.640	ng	# 63
50) Dimethylphthalate	9.763	163	91216	3.021	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	57801	8.505	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	57801	6.669	ng	# 23
75) Fluoranthene	12.451	202	118376	2.977	ng	93
78) Pyrene	12.680	202	98590	3.178	ng	100
88) Benzo(b)fluoranthene	14.886	252	82837	2.953	ng	98
89) Benzo(k)fluoranthene	14.886	252	82837	2.979	ng	98

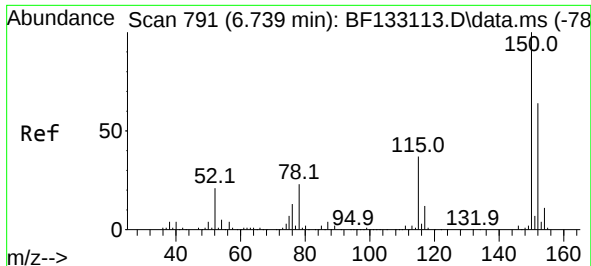
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
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ZONE-A-3-6-05022023

Quant Time: May 04 15:20:14 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 04 12:22:53 2023
Response via : Initial Calibration

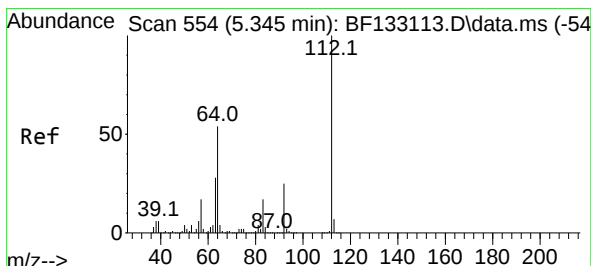
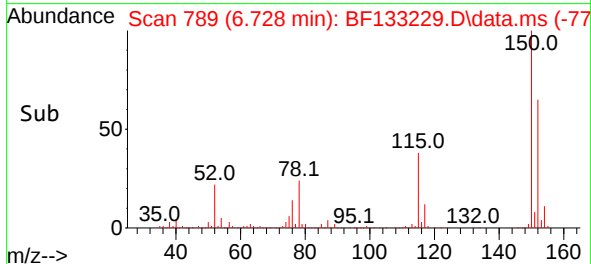
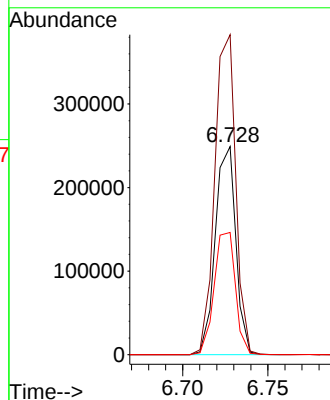
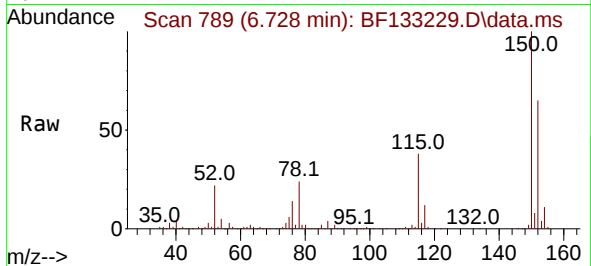




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

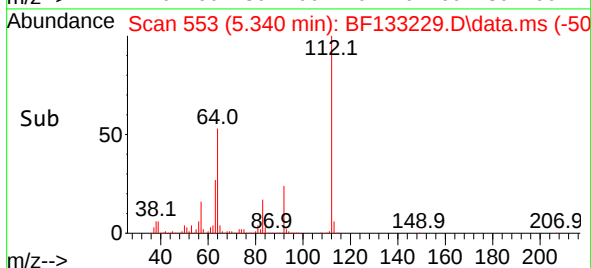
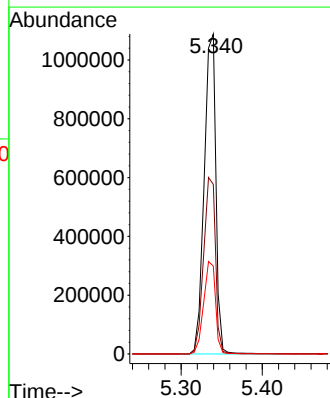
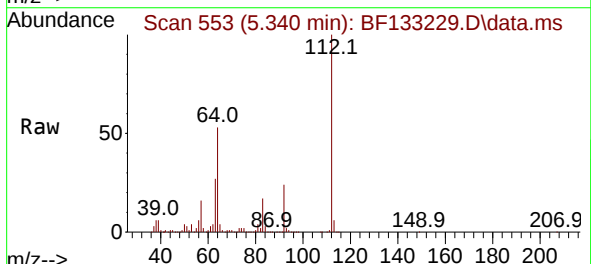
Instrument :
BNA_F
ClientSampleId :
ZONE-A-3-6-05022023

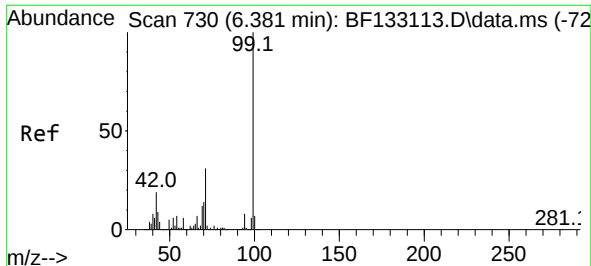
Tgt Ion:152 Resp: 208746
Ion Ratio Lower Upper
152 100
150 153.8 124.8 187.2
115 58.7 49.9 74.9



#5
2-Fluorophenol
Concen: 78.739 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

Tgt Ion:112 Resp: 1088064
Ion Ratio Lower Upper
112 100
64 53.0 46.8 70.2
63 27.4 23.8 35.8

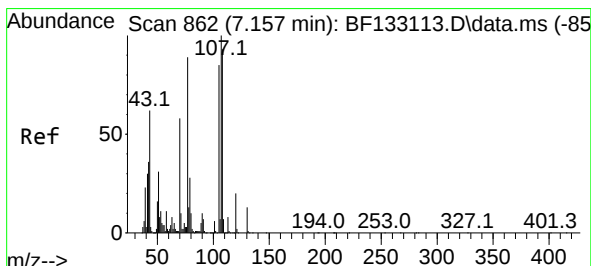
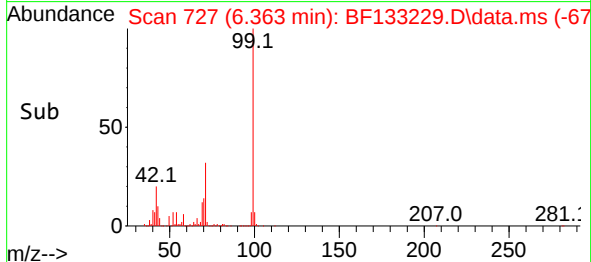
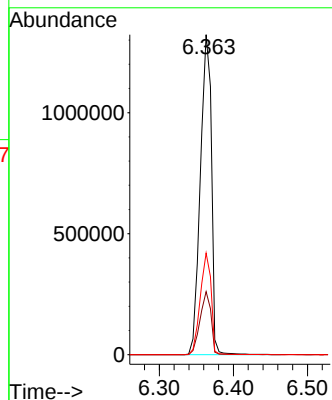
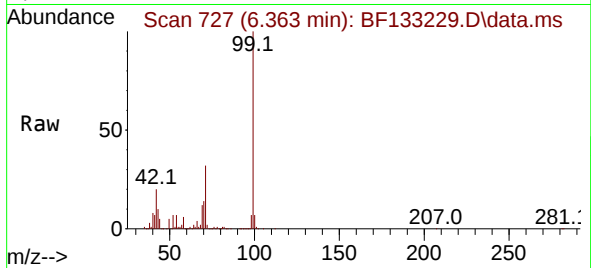




#7
Phenol-d6
Concen: 80.332 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

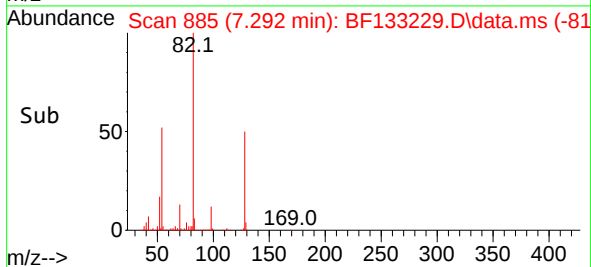
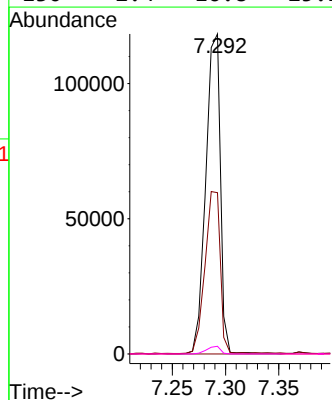
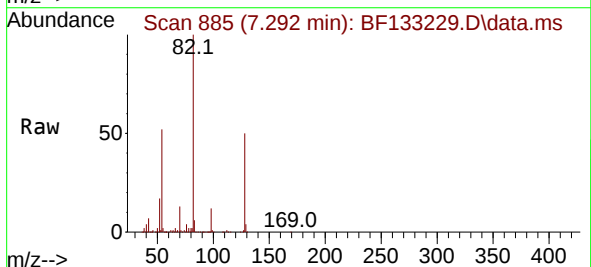
Instrument :
BNA_F
ClientSampleId :
ZONE-A-3-6-05022023

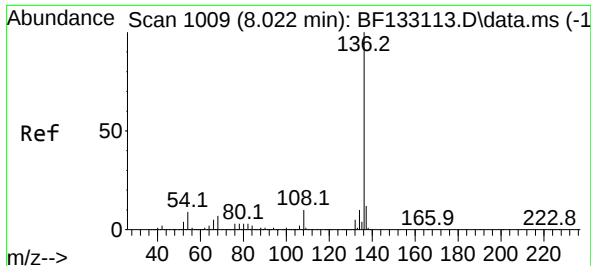
Tgt Ion: 99 Resp: 1377841
Ion Ratio Lower Upper
99 100
42 19.7 16.3 24.5
71 31.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.628 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

Tgt Ion: 70 Resp: 113485
Ion Ratio Lower Upper
70 100
42 50.4 51.8 77.6#
101 0.0 8.0 12.0#
130 2.4 16.8 25.2#

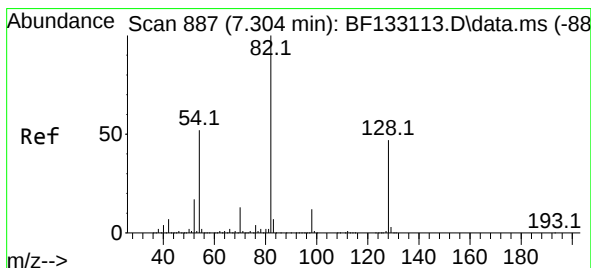
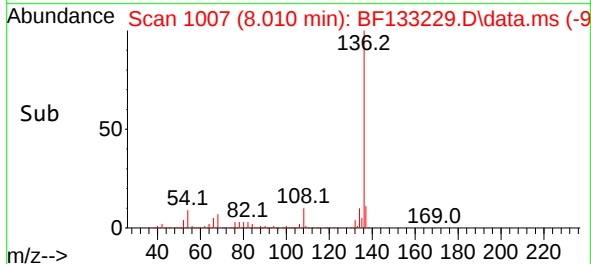
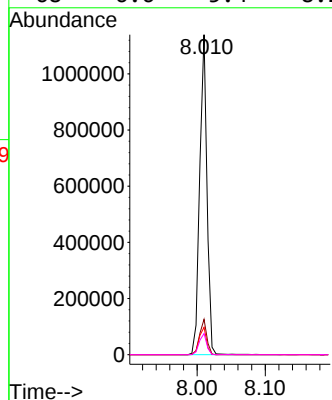
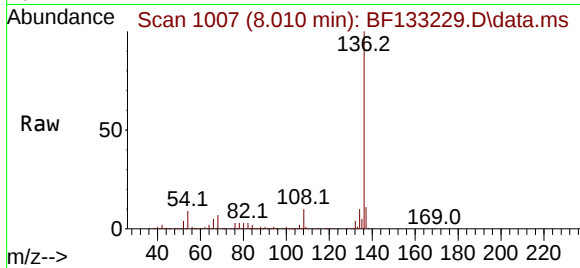




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

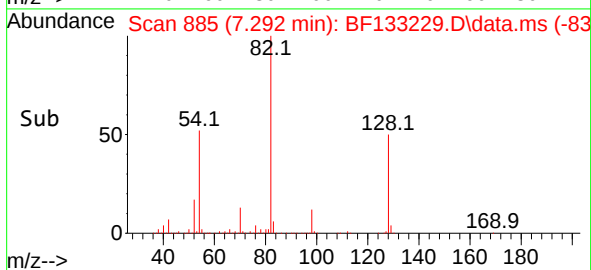
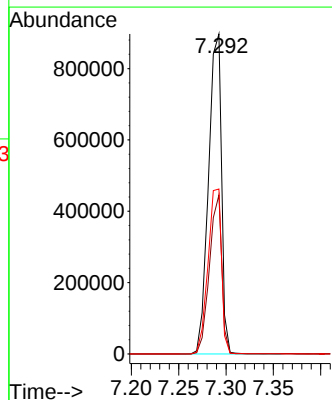
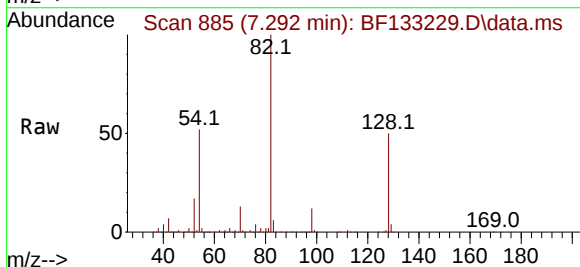
Instrument :
BNA_F
ClientSampleId :
ZONE-A-3-6-05022023

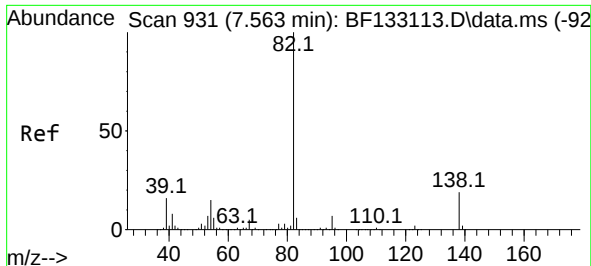
Tgt Ion:	136	Resp:	845980
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.5	7.0	10.4
68	6.6	5.4	8.2



#23
Nitrobenzene-d5
Concen: 54.499 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

Tgt Ion:	82	Resp:	854171
Ion	Ratio	Lower	Upper
82	100		
128	49.7	37.7	56.5
54	51.6	43.0	64.4

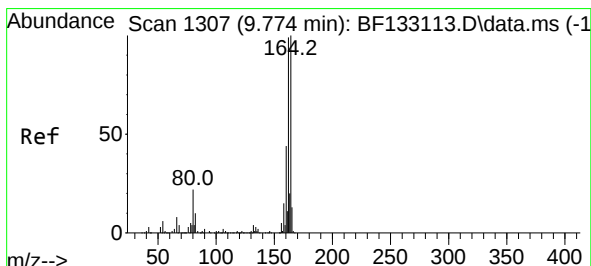
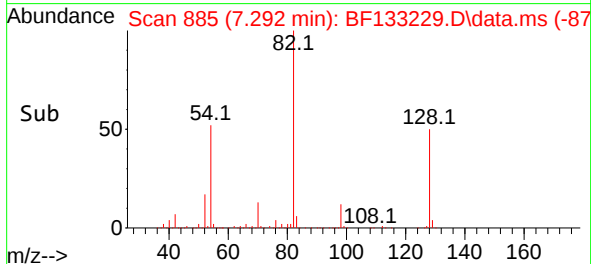
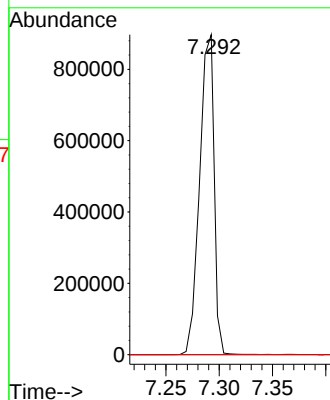
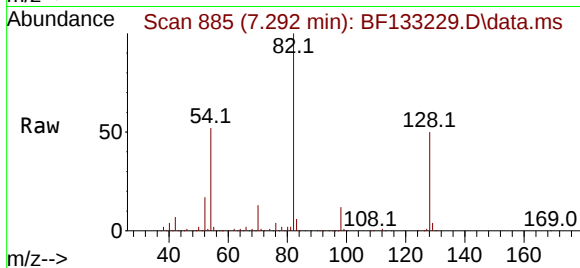




#25
Isophorone
Concen: 28.640 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

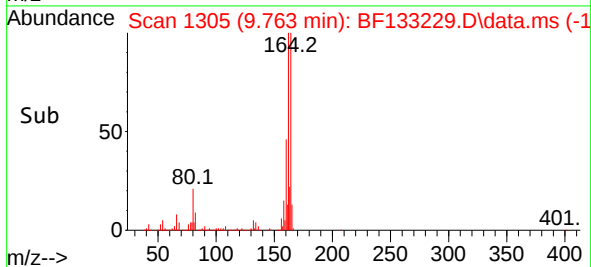
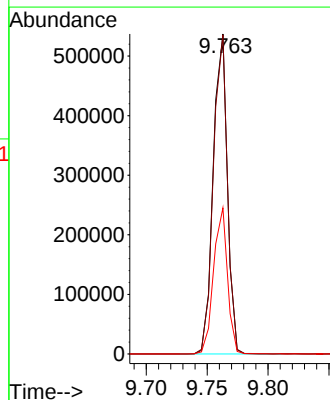
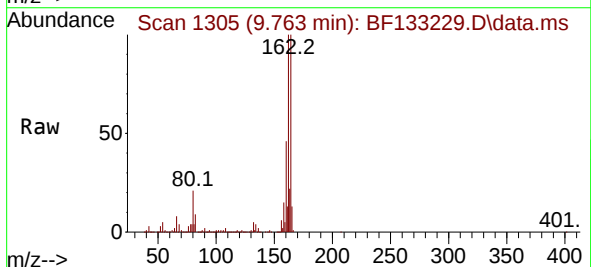
Instrument :
BNA_F
ClientSampleId :
ZONE-A-3-6-05022023

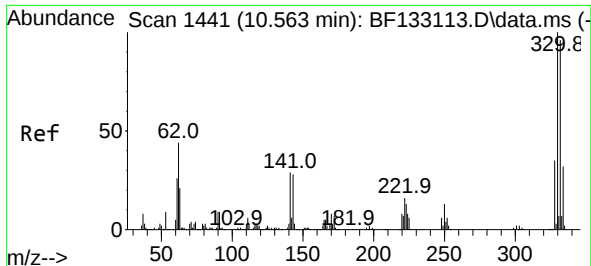
Tgt Ion: 82 Resp: 852261
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

Tgt Ion:164 Resp: 433032
Ion Ratio Lower Upper
164 100
162 99.8 78.7 118.1
160 45.6 35.8 53.6

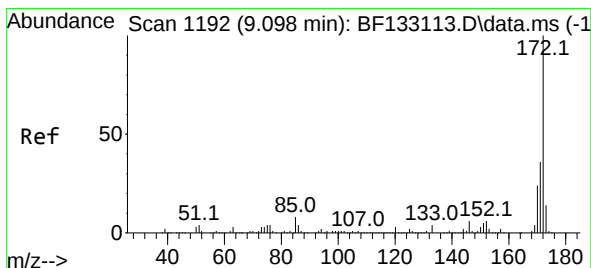
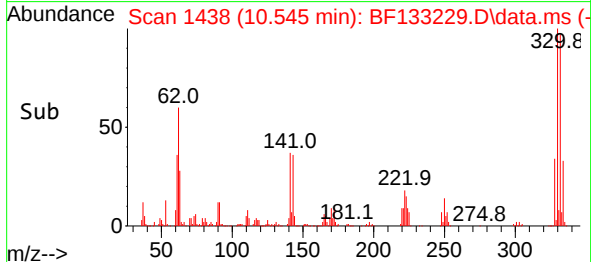
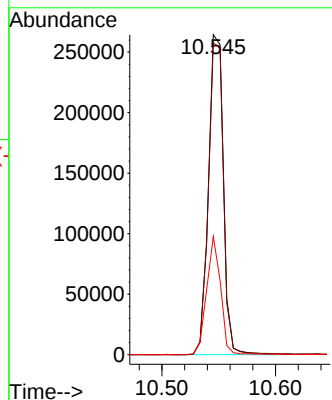
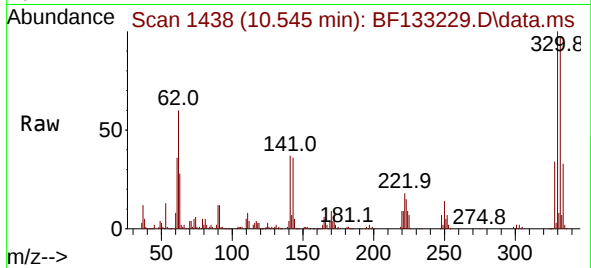




#42
2,4,6-Tribromophenol
Concen: 55.546 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

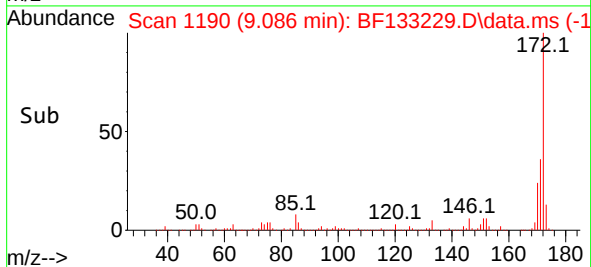
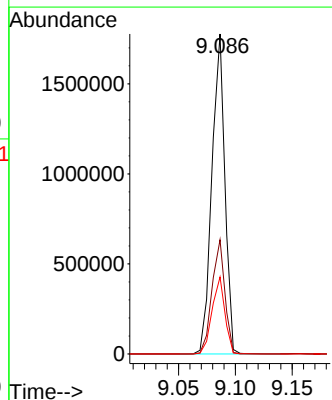
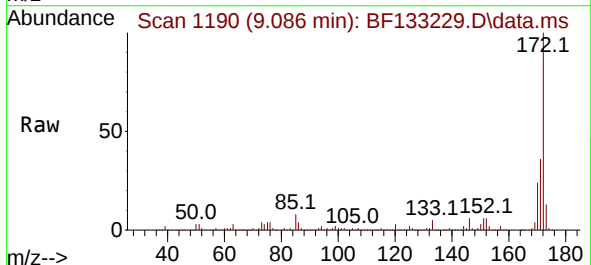
Instrument :
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ClientSampleId :
ZONE-A-3-6-05022023

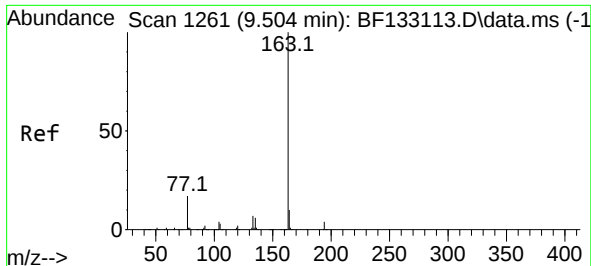
Tgt Ion: 330 Resp: 241901
Ion Ratio Lower Upper
330 100
332 98.0 77.1 115.7
141 34.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 54.546 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

Tgt Ion: 172 Resp: 1411838
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.1 19.4 29.2

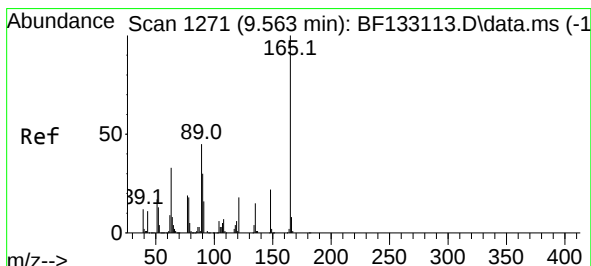
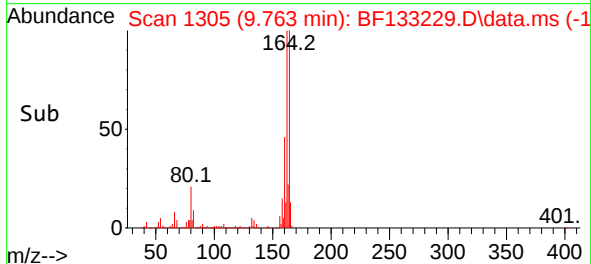
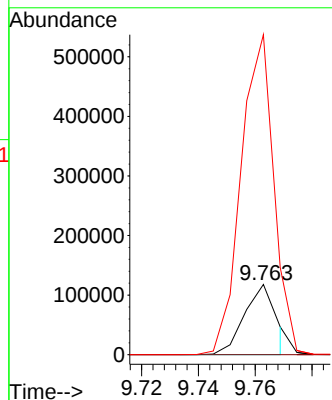
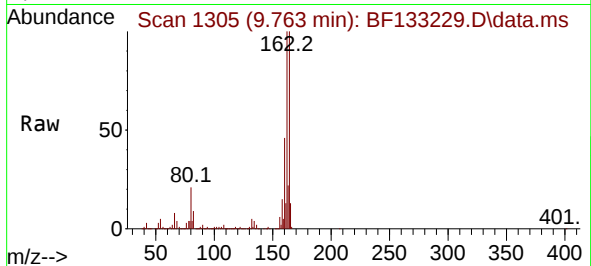




#50
Dimethylphthalate
Concen: 3.021 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.265 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

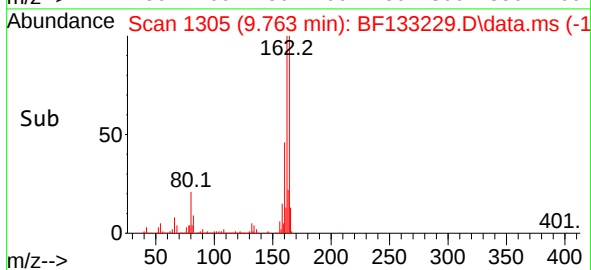
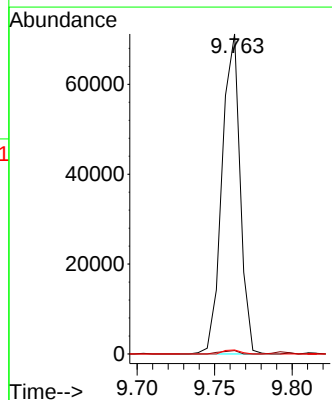
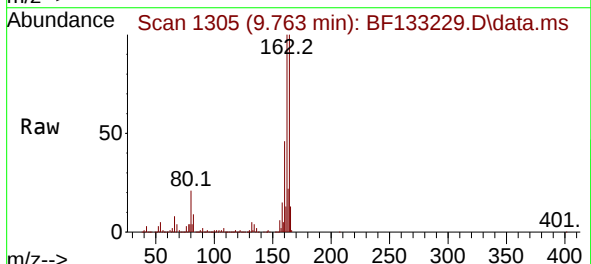
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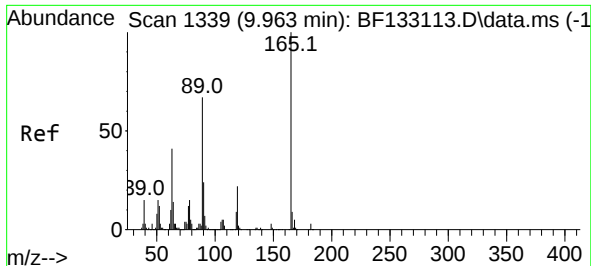
Tgt Ion:163 Resp: 91216
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 455.6 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.505 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.206 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

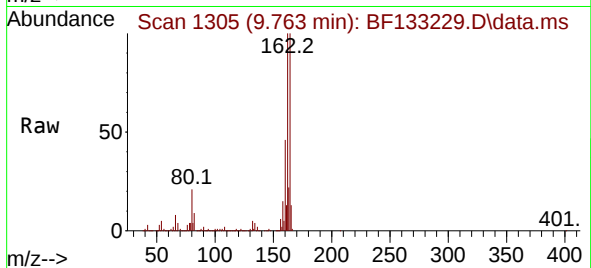
Tgt Ion:165 Resp: 57801
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 1.3 44.0 66.0#



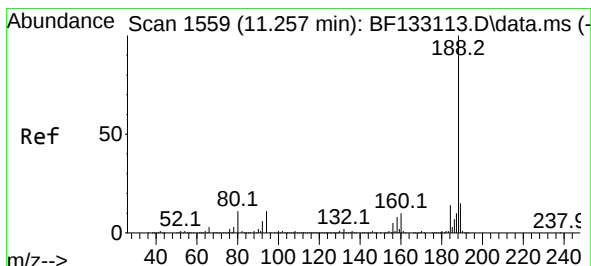
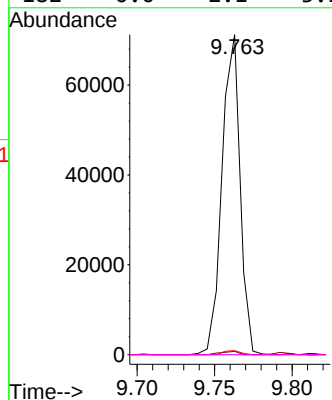
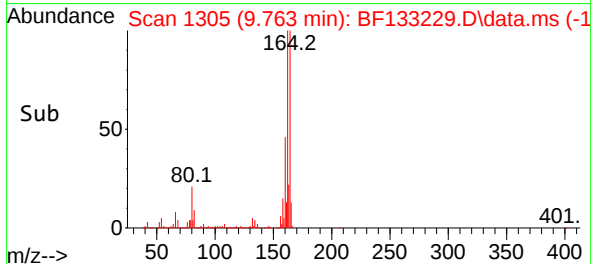


#57
2,4-Dinitrotoluene
Concen: 6.669 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

Instrument :
BNA_F
ClientSampleId :
ZONE-A-3-6-05022023

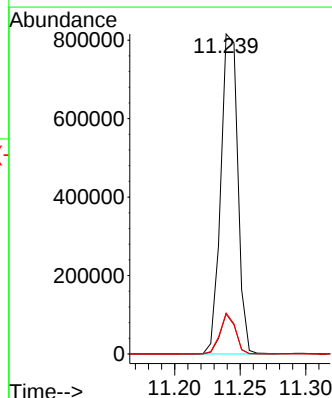
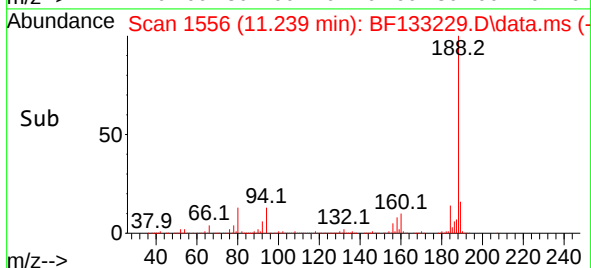
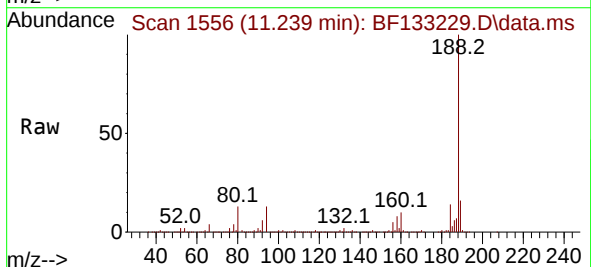


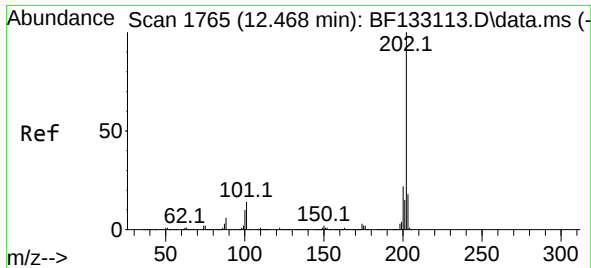
Tgt Ion:165 Resp: 57801
Ion Ratio Lower Upper
165 100
63 1.0 37.7 56.5#
89 1.3 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

Tgt Ion:188 Resp: 737099
Ion Ratio Lower Upper
188 100
94 12.5 9.7 14.5
80 12.8 10.4 15.6

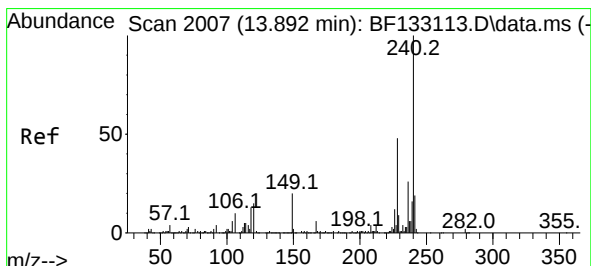
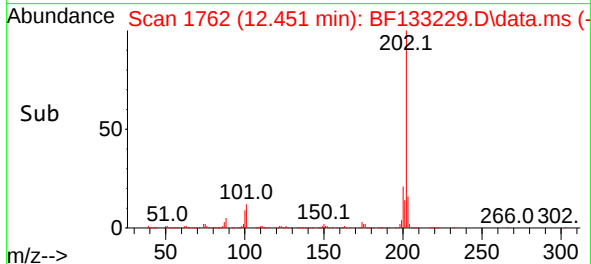
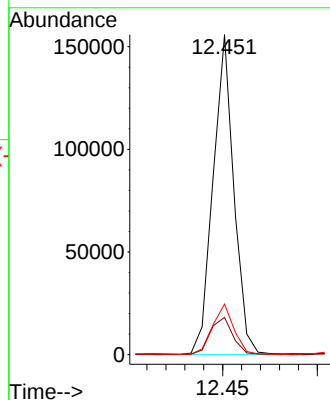
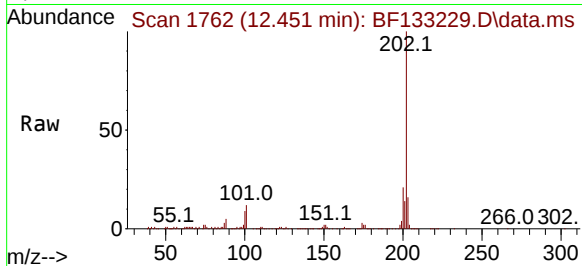




#75
Fluoranthene
Concen: 2.977 ng
RT: 12.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

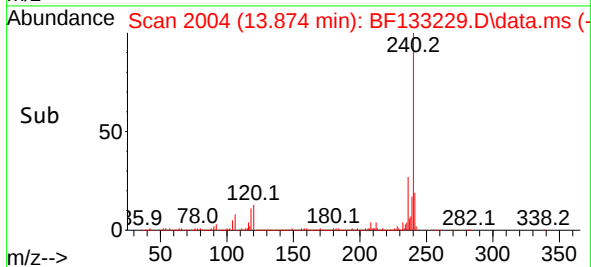
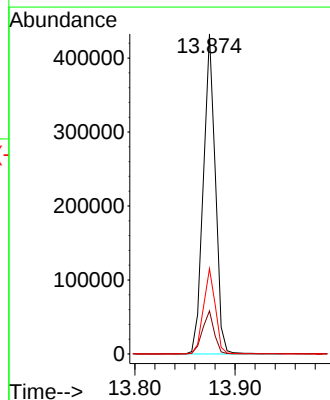
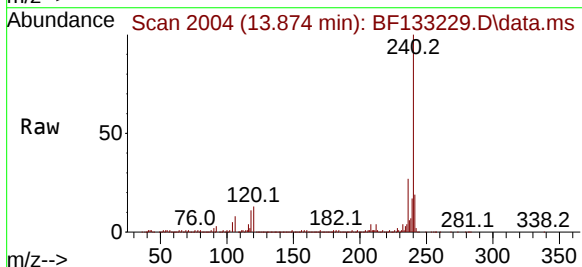
Instrument :
BNA_F
ClientSampleId :
ZONE-A-3-6-05022023

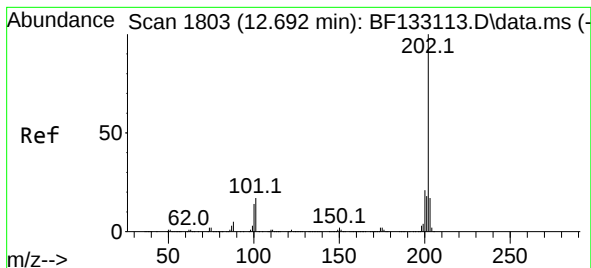
Tgt Ion:202 Resp: 118376
Ion Ratio Lower Upper
202 100
101 11.6 0.0 35.3
203 15.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

Tgt Ion:240 Resp: 361934
Ion Ratio Lower Upper
240 100
120 13.4 10.5 15.7
236 26.6 21.5 32.3





#78

Pyrene

Concen: 3.178 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.006 min

Lab File: BF133229.D

Acq: 04 May 2023 14:15

Instrument :

BNA_F

ClientSampleId :

ZONE-A-3-6-05022023

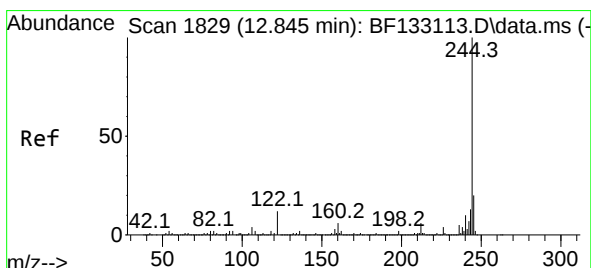
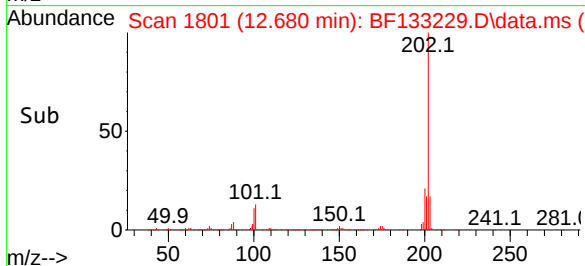
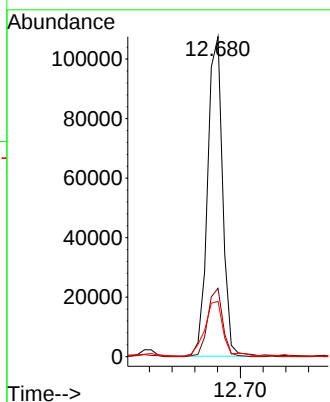
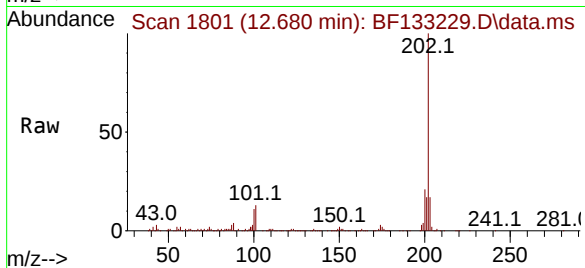
Tgt Ion:202 Resp: 98590

Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.3 14.1 21.1



#79

Terphenyl-d14

Concen: 56.565 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF133229.D

Acq: 04 May 2023 14:15

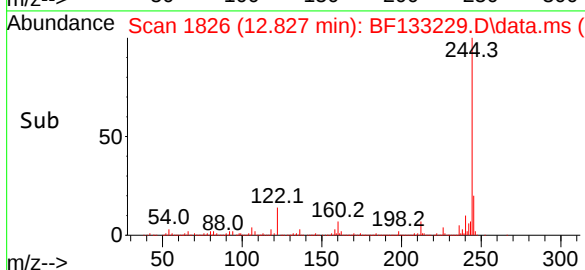
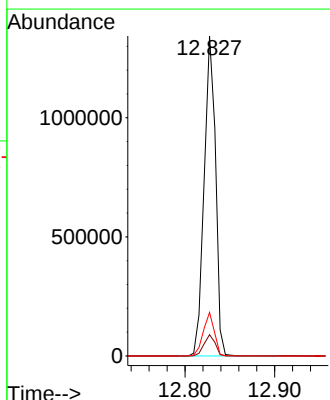
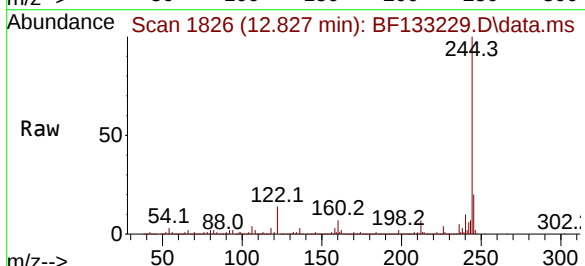
Tgt Ion:244 Resp: 1187061

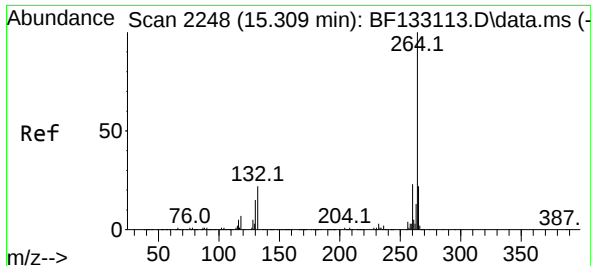
Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 13.6 8.6 13.0#

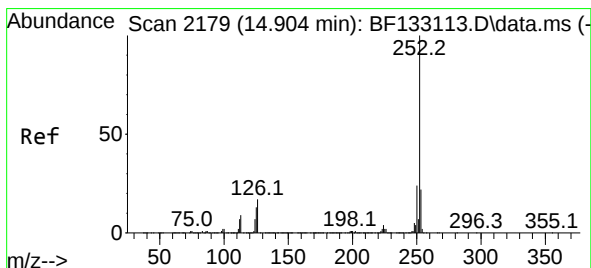
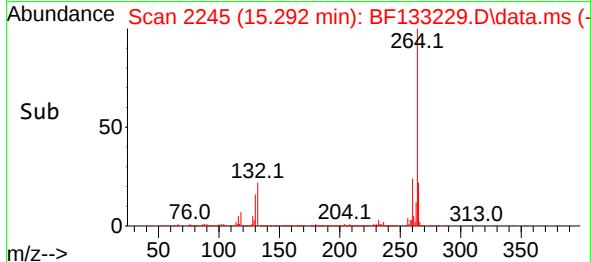
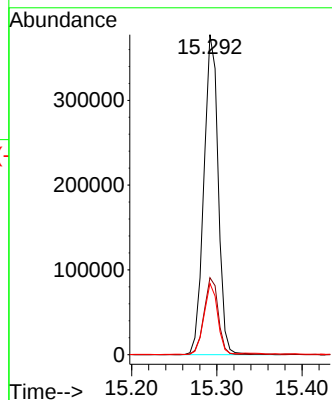
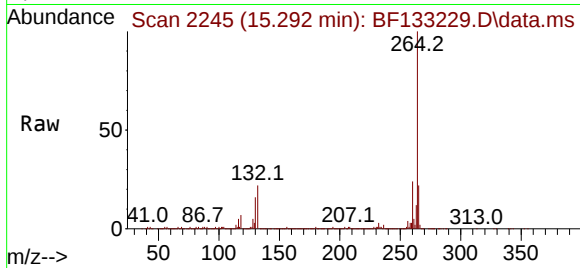




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

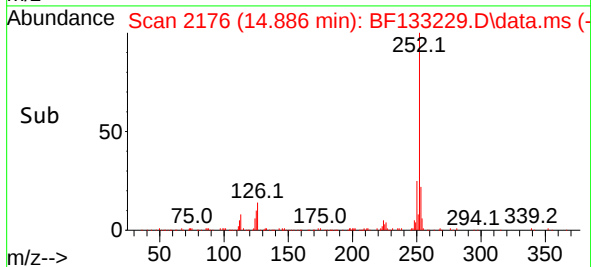
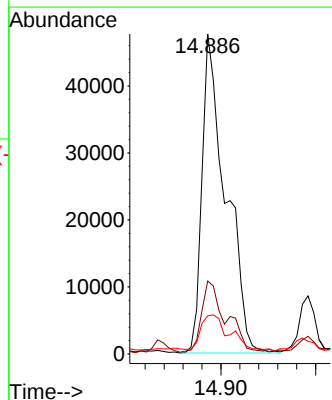
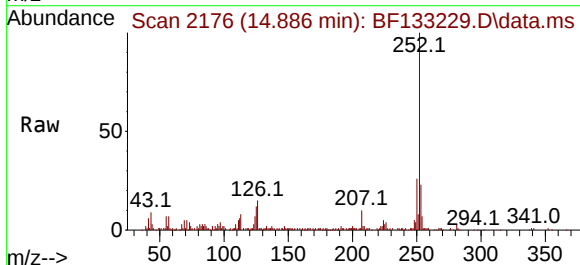
Instrument :
BNA_F
ClientSampleId :
ZONE-A-3-6-05022023

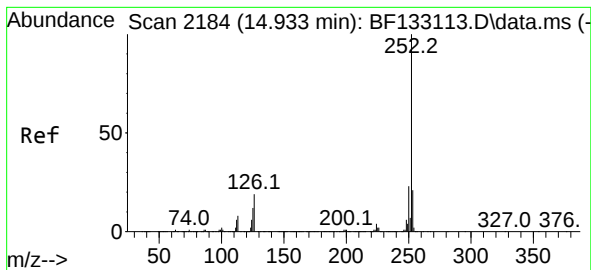
Tgt Ion:264 Resp: 440998
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 22.3 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 2.953 ng
RT: 14.886 min Scan# 2176
Delta R.T. -0.012 min
Lab File: BF133229.D
Acq: 04 May 2023 14:15

Tgt Ion:252 Resp: 82837
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 11.9 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 2.979 ng

RT: 14.886 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF133229.D

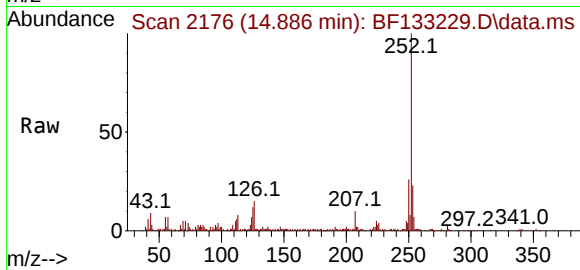
Acq: 04 May 2023 14:15

Instrument :

BNA_F

ClientSampleId :

ZONE-A-3-6-05022023



Tgt Ion:252 Resp: 82837

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 11.9 9.0 13.4

