

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
 Data File : BF132928.D
 Acq On : 19 Apr 2023 23:46
 Operator : CG\JU
 Sample : 02407-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BEACH-BLVD-TEST-PIT

Quant Time: Apr 20 01:52:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

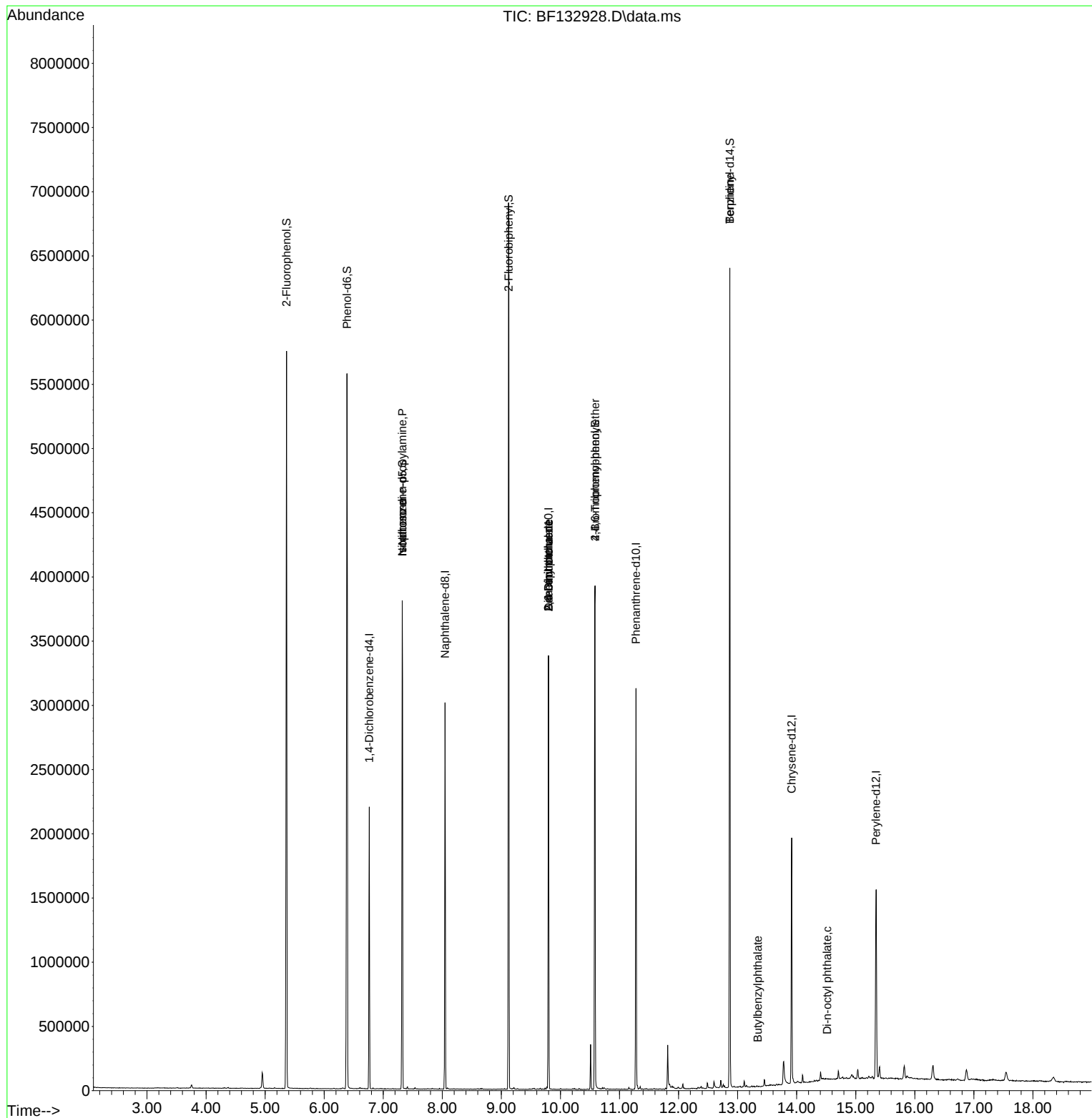
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	266490	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1094569	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	572384	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1003785	20.000	ng	0.00
76) Chrysene-d12	13.916	240	586540	20.000	ng	-0.01
86) Perylene-d12	15.345	264	606872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1437292	84.335	ng	0.00
7) Phenol-d6	6.387	99	1879786	86.439	ng	-0.01
23) Nitrobenzene-d5	7.322	82	1142805	54.422	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	478395	83.329	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	2003334	53.767	ng	-0.01
79) Terphenyl-d14	12.869	244	1988630	57.843	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	148798	10.962	ng	# 82
25) Isophorone	7.322	82	1141293	28.653	ng	# 65
50) Dimethylphthalate	9.798	163	113982	2.880	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	76376	8.803	ng	# 27
57) 2,4-Dinitrotoluene	9.798	165	76376	7.133	ng	# 23
67) 4-Bromophenyl-phenylether	10.586	248	29594	2.582	ng	# 1
77) Benzidine	12.869	184	23529	2.575	ng	# 91
80) Butylbenzylphthalate	13.339	149	384	5.164	ng	# 70
85) Di-n-octyl phthalate	14.515	149	306	6.391	ng	# 1

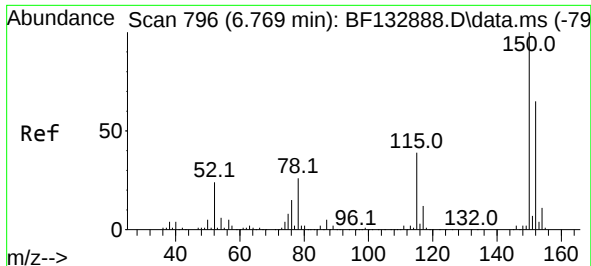
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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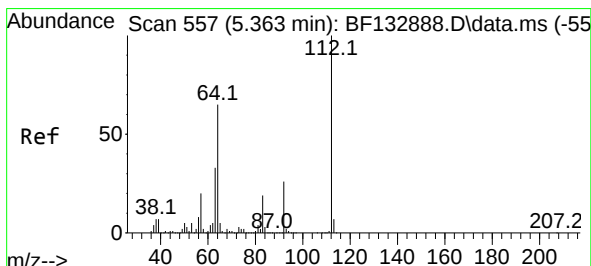
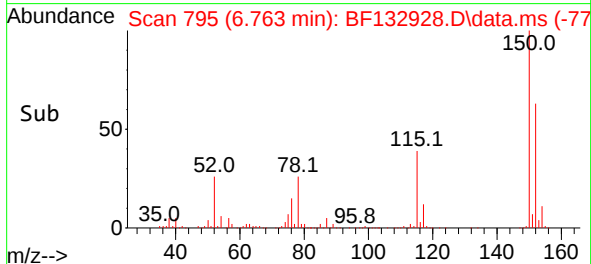
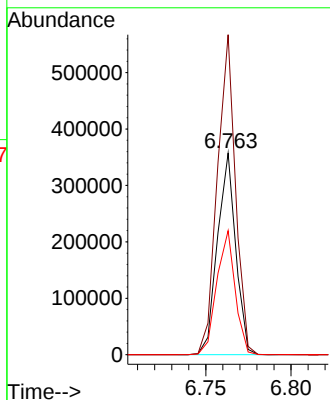
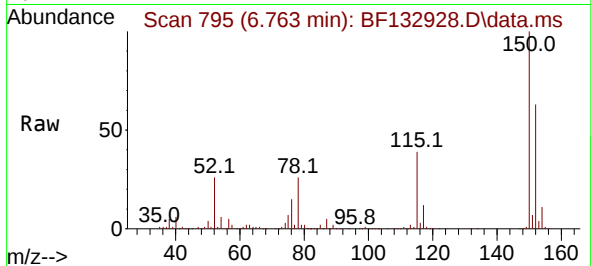




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132928.D
Acq: 19 Apr 2023 23:46

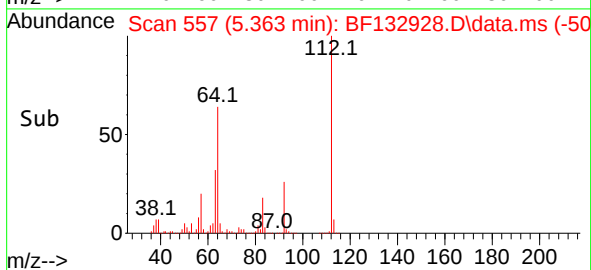
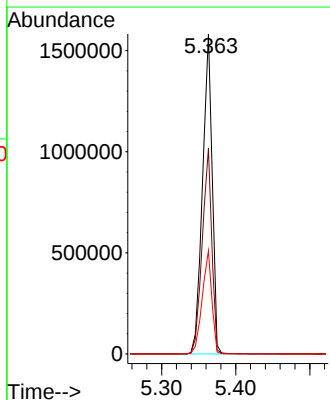
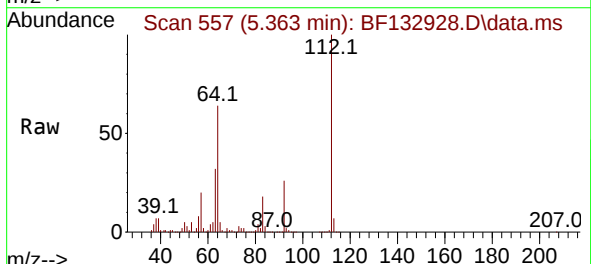
Instrument :
BNA_F
ClientSampleId :
BEACH-BLVD-TEST-PIT

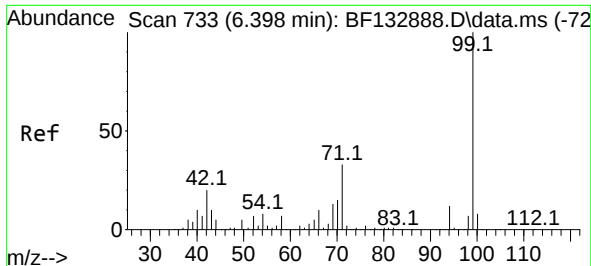
Tgt Ion:152 Resp: 266490
Ion Ratio Lower Upper
152 100
150 158.7 122.8 184.2
115 61.5 47.3 70.9



#5
2-Fluorophenol
Concen: 84.335 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF132928.D
Acq: 19 Apr 2023 23:46

Tgt Ion:112 Resp: 1437292
Ion Ratio Lower Upper
112 100
64 64.3 51.8 77.8
63 32.3 26.3 39.5

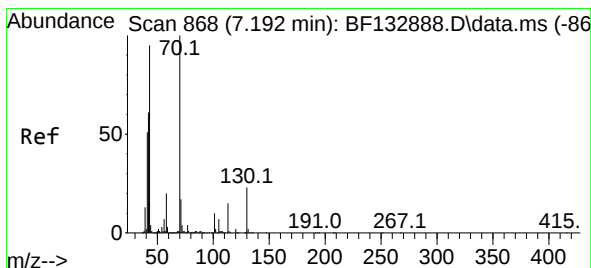
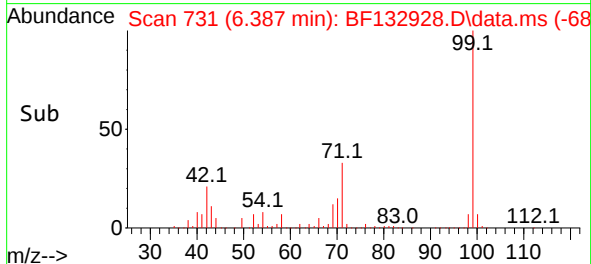
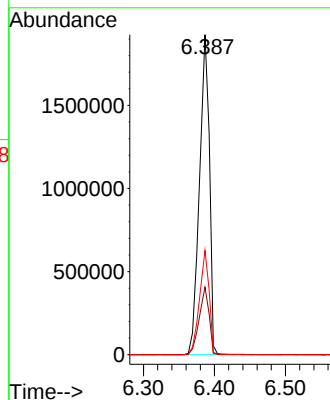
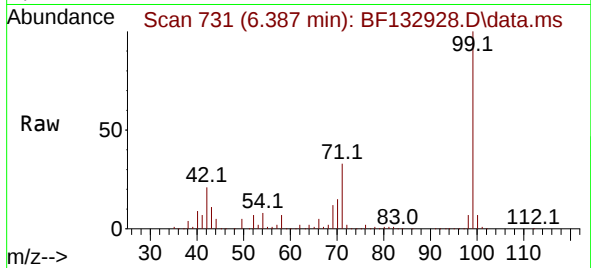




#7
Phenol-d6
Concen: 86.439 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132928.D
Acq: 19 Apr 2023 23:46

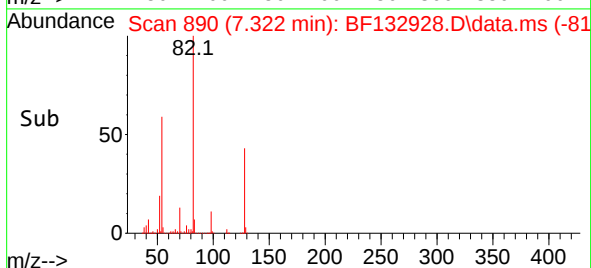
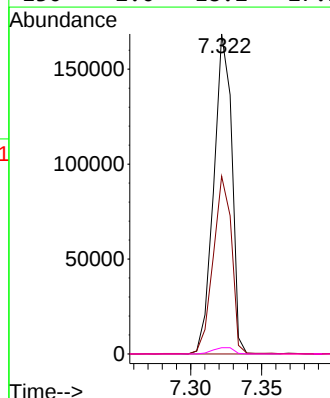
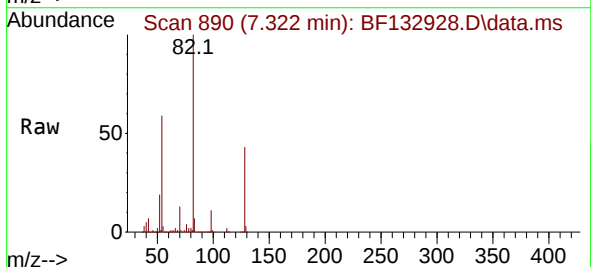
Instrument :
BNA_F
ClientSampleId :
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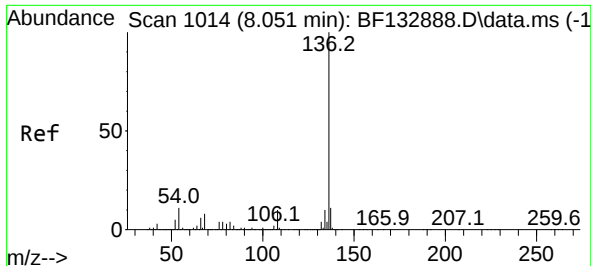
Tgt Ion: 99 Resp: 1879786
Ion Ratio Lower Upper
99 100
42 21.1 16.1 24.1
71 32.6 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 10.962 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.130 min
Lab File: BF132928.D
Acq: 19 Apr 2023 23:46

Tgt Ion: 70 Resp: 148798
Ion Ratio Lower Upper
70 100
42 55.5 49.0 73.6
101 0.0 8.1 12.1#
130 2.0 18.2 27.2#

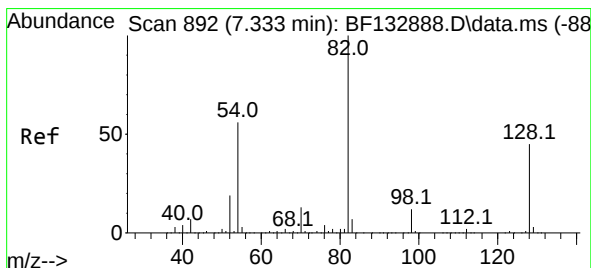
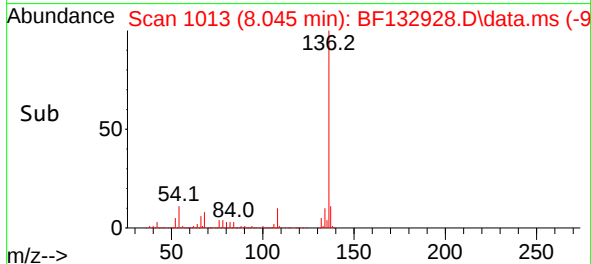
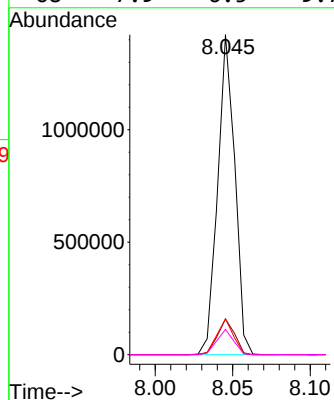
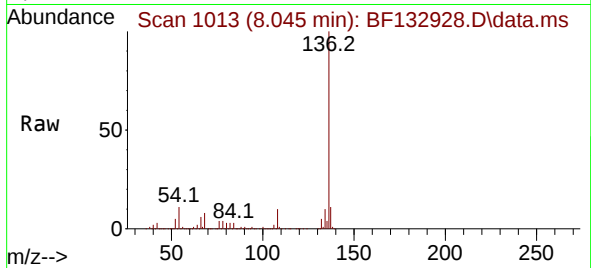




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132928.D
Acq: 19 Apr 2023 23:46

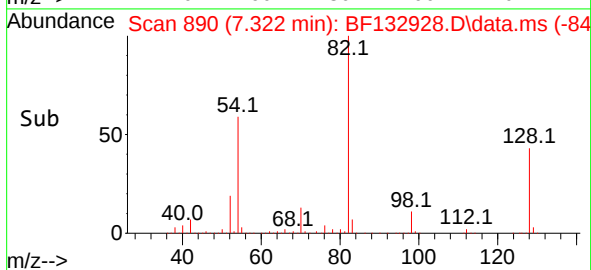
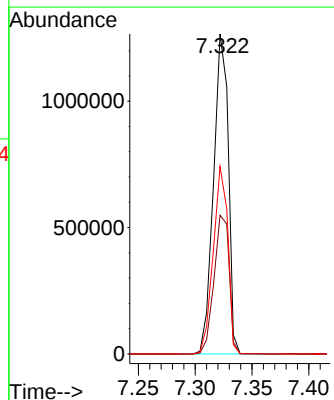
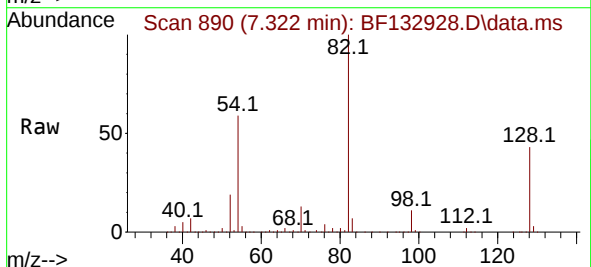
Instrument :
BNA_F
ClientSampleId :
BEACH-BLVD-TEST-PIT

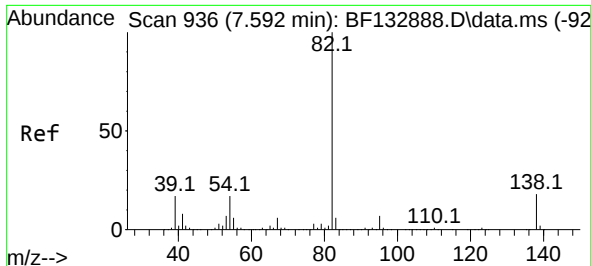
Tgt Ion:136 Resp: 1094569
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 11.2 8.9 13.3
68 7.9 6.5 9.7



#23
Nitrobenzene-d5
Concen: 54.422 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF132928.D
Acq: 19 Apr 2023 23:46

Tgt Ion: 82 Resp: 1142805
Ion Ratio Lower Upper
82 100
128 43.4 35.7 53.5
54 58.5 44.7 67.1





#25

Isophorone

Concen: 28.653 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.270 min

Lab File: BF132928.D

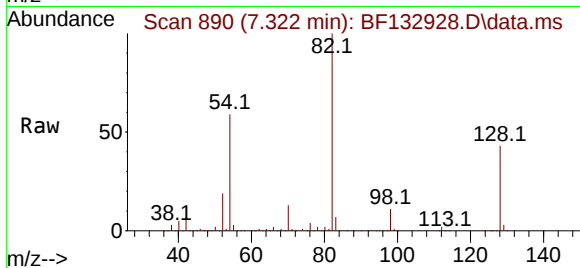
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Instrument :

BNA_F

ClientSampleId :

BEACH-BLVD-TEST-PIT



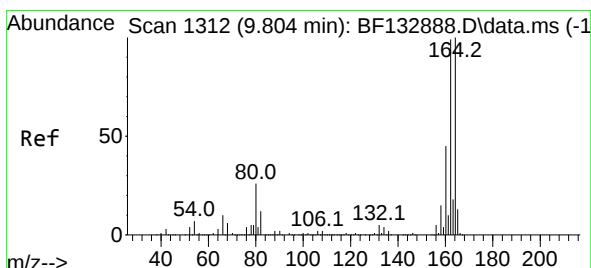
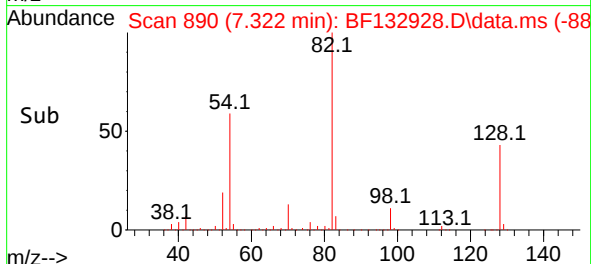
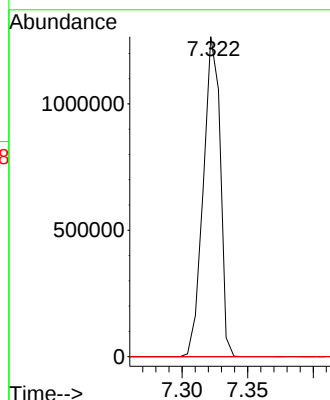
Tgt Ion: 82 Resp: 1141293

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 14.2 21.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF132928.D

Acq: 19 Apr 2023 23:46

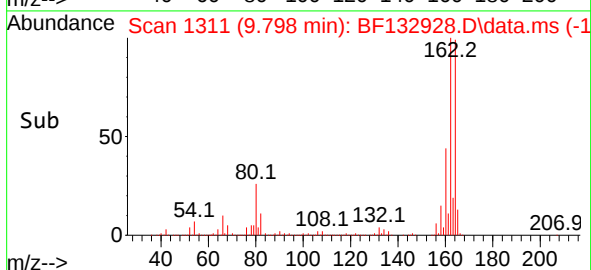
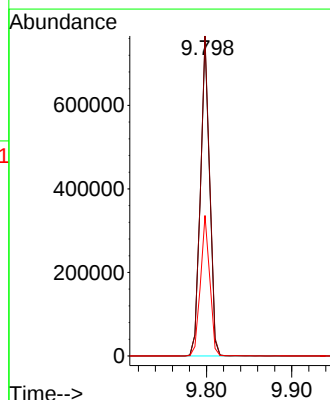
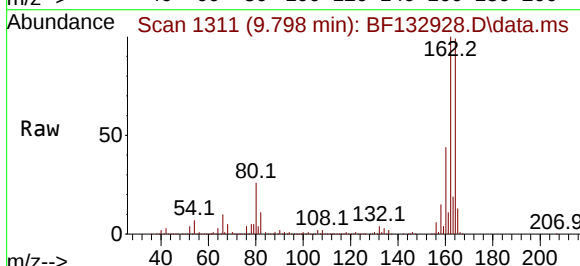
Tgt Ion:164 Resp: 572384

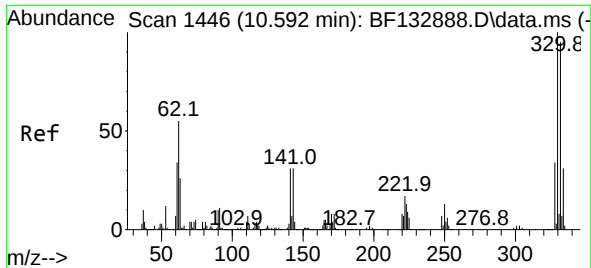
Ion Ratio Lower Upper

164 100

162 101.0 79.1 118.7

160 44.3 35.6 53.4

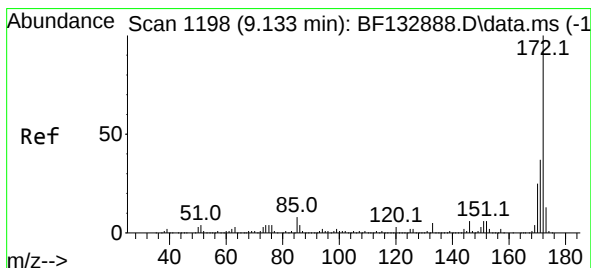
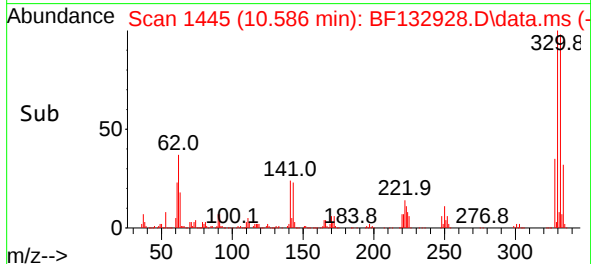
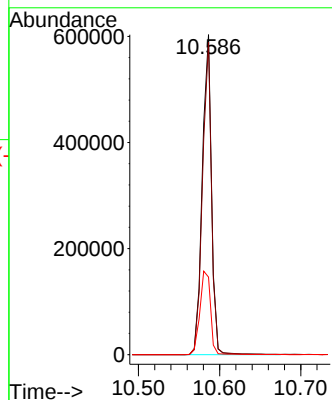
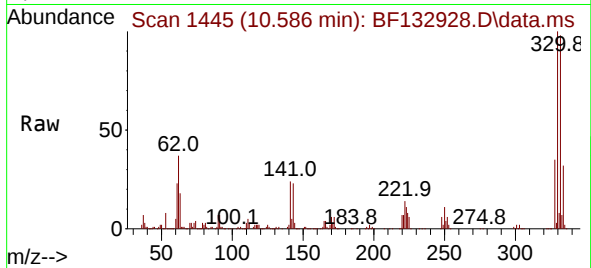




#42
 2,4,6-Tribromophenol
 Concen: 83.329 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.006 min
 Lab File: BF132928.D
 Acq: 19 Apr 2023 23:46

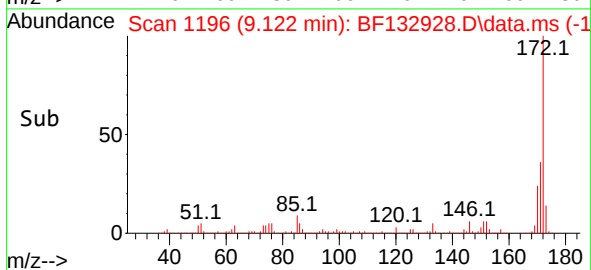
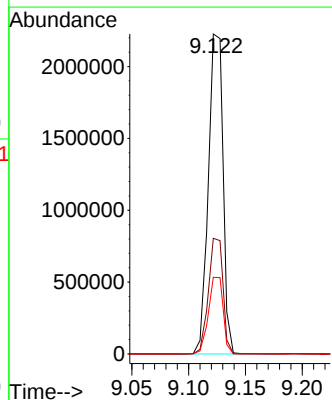
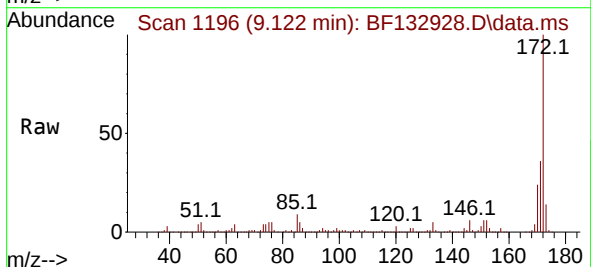
Instrument :
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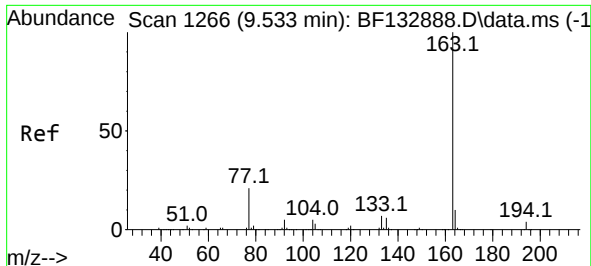
Tgt Ion:330 Resp: 478395
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.3 114.5
 141 30.1 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 53.767 ng
 RT: 9.122 min Scan# 1196
 Delta R.T. -0.012 min
 Lab File: BF132928.D
 Acq: 19 Apr 2023 23:46

Tgt Ion:172 Resp: 2003334
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.0 20.1 30.1

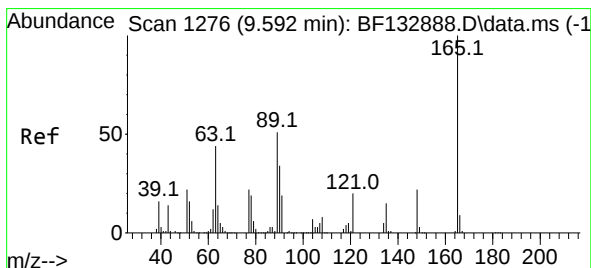
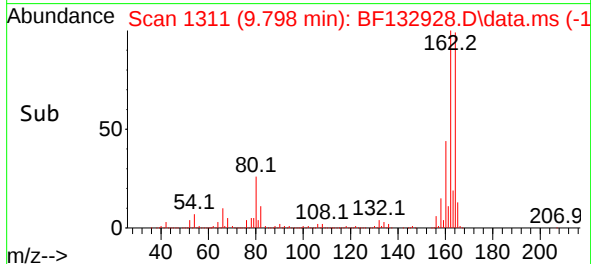
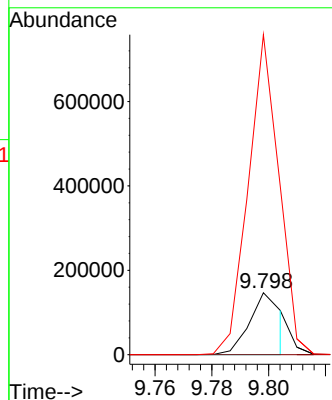
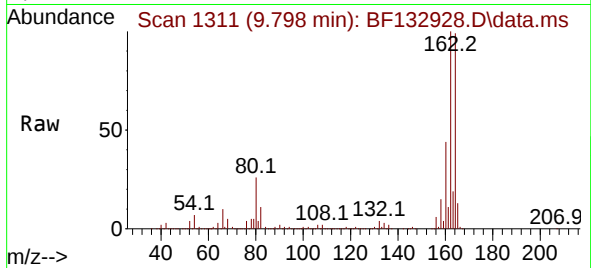




#50
Dimethylphthalate
Concen: 2.880 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF132928.D
Acq: 19 Apr 2023 23:46

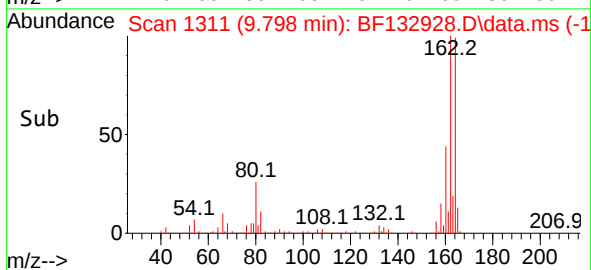
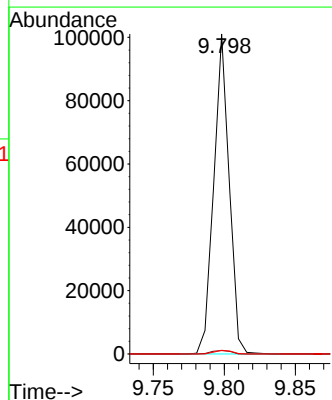
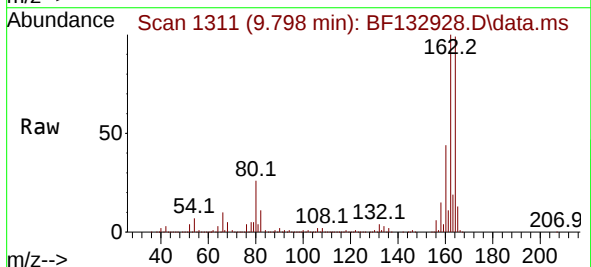
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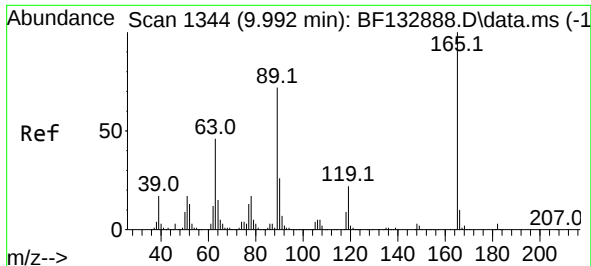
Tgt Ion:163 Resp: 113982
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 517.0 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.803 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF132928.D
Acq: 19 Apr 2023 23:46

Tgt Ion:165 Resp: 76376
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.2 41.0 61.4#





#57

2,4-Dinitrotoluene

Concen: 7.133 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF132928.D

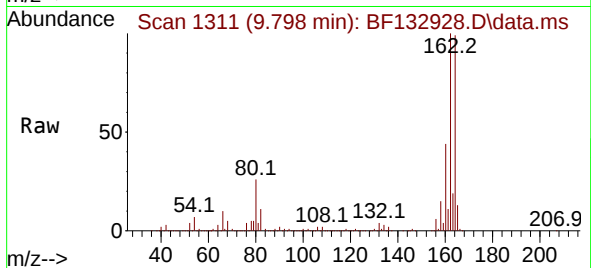
Acq: 19 Apr 2023 23:46

Instrument :

BNA_F

ClientSampleId :

BEACH-BLVD-TEST-PIT



Tgt Ion:165 Resp: 76376

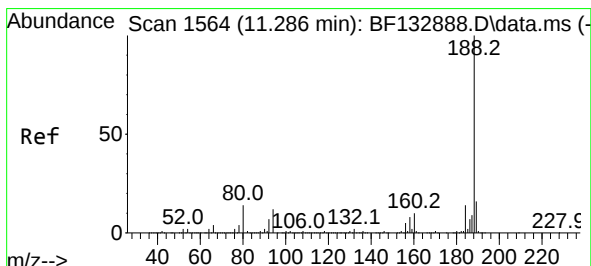
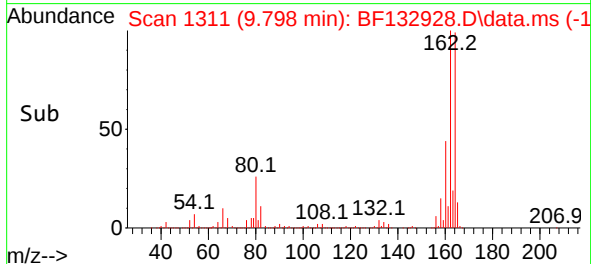
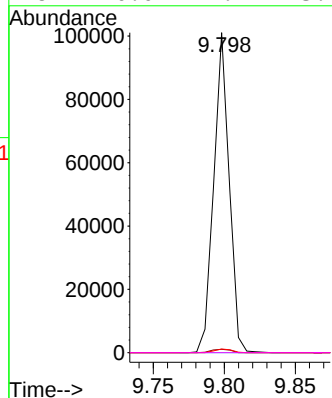
Ion Ratio Lower Upper

165 100

63 1.1 37.0 55.6#

89 1.2 57.8 86.6#

182 0.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1563

Delta R.T. -0.006 min

Lab File: BF132928.D

Acq: 19 Apr 2023 23:46

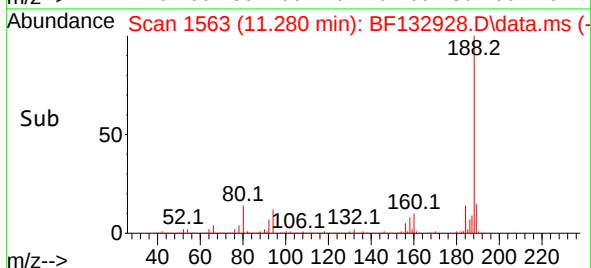
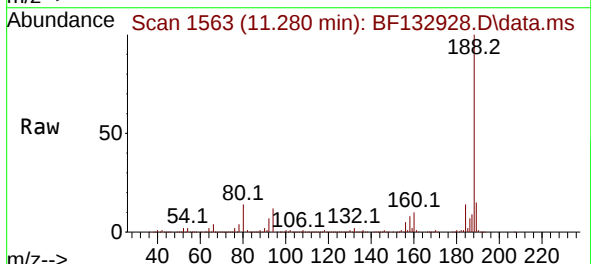
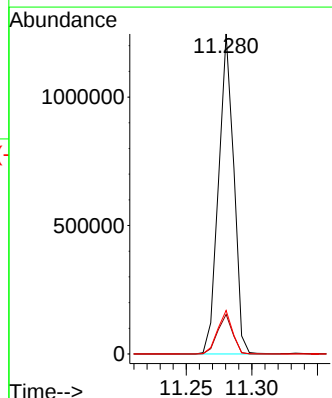
Tgt Ion:188 Resp: 1003785

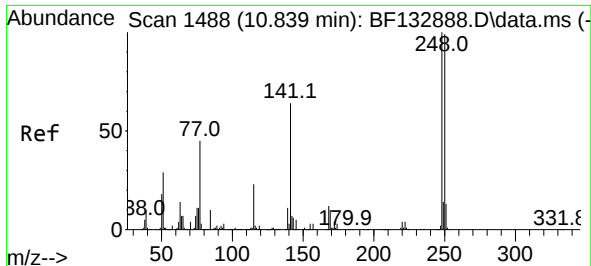
Ion Ratio Lower Upper

188 100

94 12.3 9.9 14.9

80 13.6 10.8 16.2

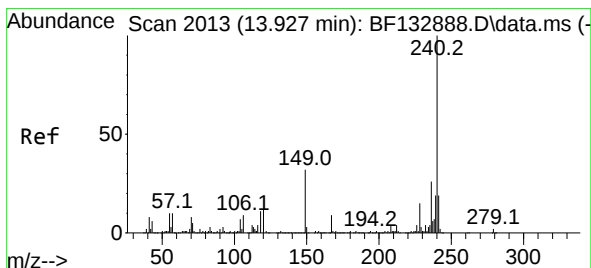
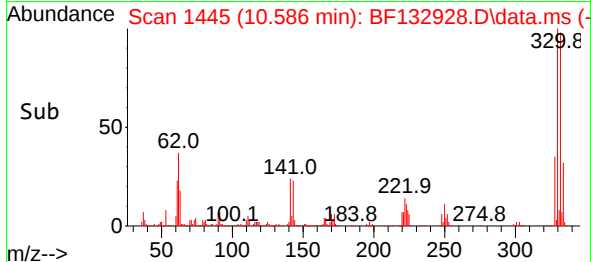
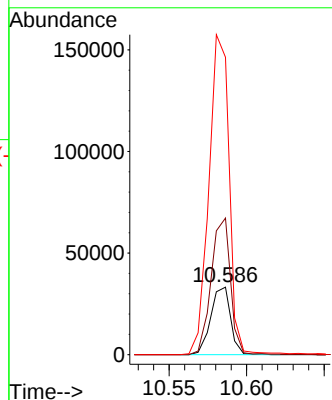
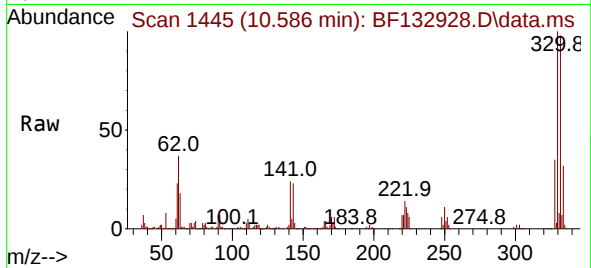




#67
4-Bromophenyl-phenylether
Concen: 2.582 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF132928.D
Acq: 19 Apr 2023 23:46

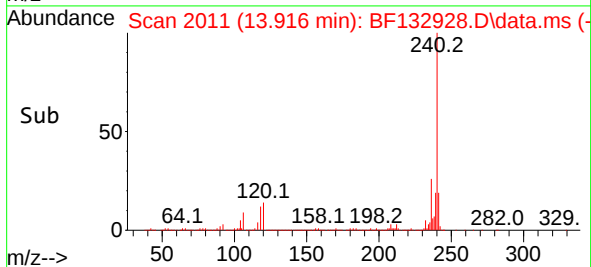
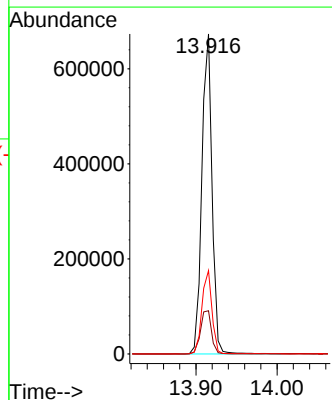
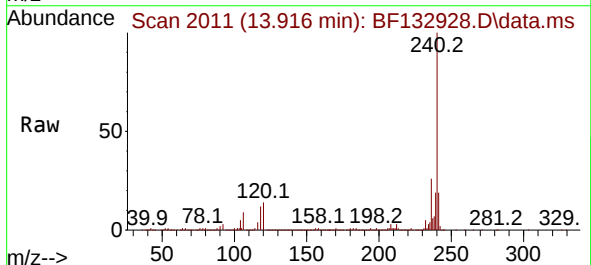
Instrument :
BNA_F
ClientSampleId :
BEACH-BLVD-TEST-PIT

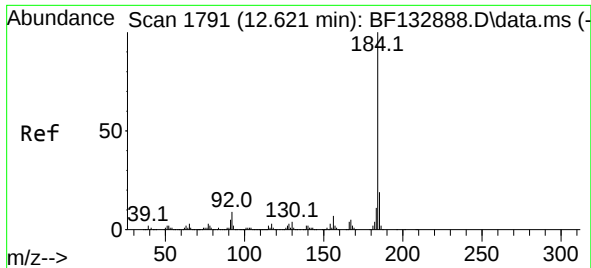
Tgt Ion:248 Resp: 29594
Ion Ratio Lower Upper
248 100
250 202.6 79.1 118.7#
141 440.8 51.0 76.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132928.D
Acq: 19 Apr 2023 23:46

Tgt Ion:240 Resp: 586540
Ion Ratio Lower Upper
240 100
120 13.5 10.0 15.0
236 26.0 20.8 31.2

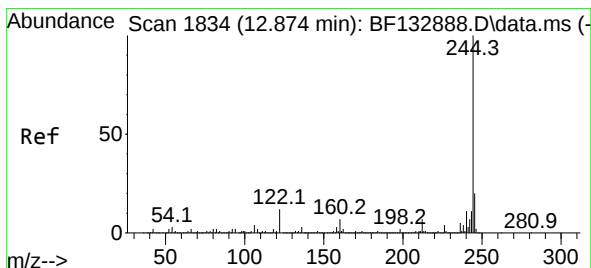
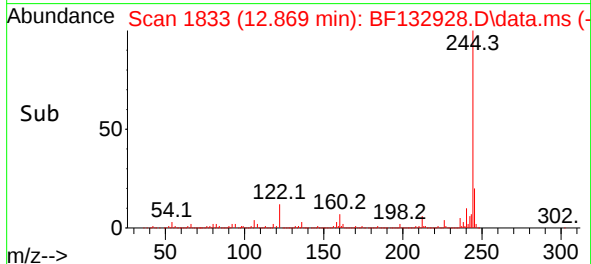
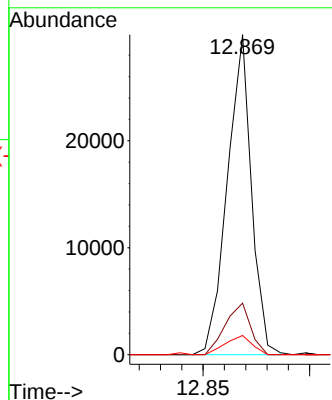
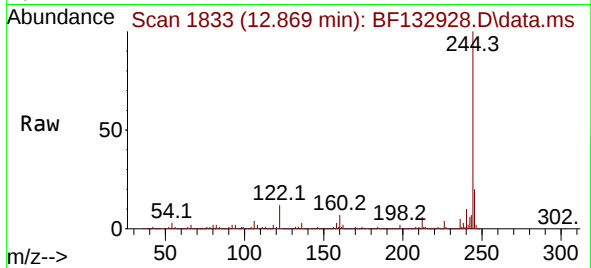




#77
Benzidine
Concen: 2.575 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.248 min
Lab File: BF132928.D
Acq: 19 Apr 2023 23:46

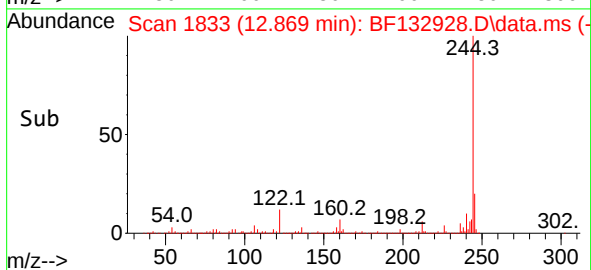
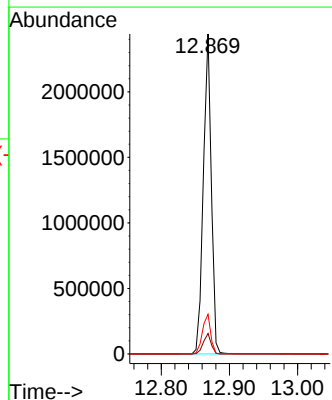
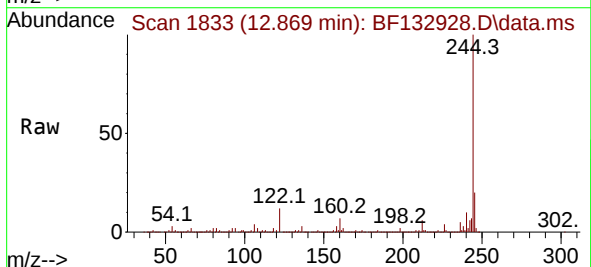
Instrument :
BNA_F
ClientSampleId :
BEACH-BLVD-TEST-PIT

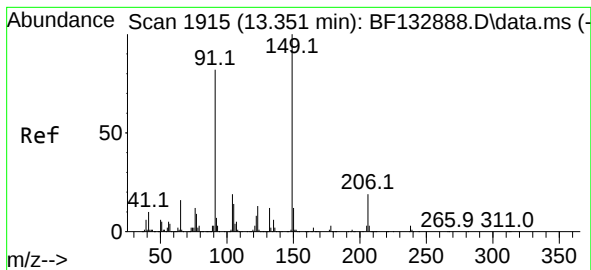
Tgt Ion:184 Resp: 23529
Ion Ratio Lower Upper
184 100
185 16.1 14.9 22.3
183 6.0 9.0 13.6#



#79
Terphenyl-d14
Concen: 57.843 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF132928.D
Acq: 19 Apr 2023 23:46

Tgt Ion:244 Resp: 1988630
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 12.4 9.6 14.4





#80

Butylbenzylphthalate

Concen: 5.164 ng

RT: 13.339 min Scan# 1913

Delta R.T. -0.012 min

Lab File: BF132928.D

Acq: 19 Apr 2023 23:46

Instrument :

BNA_F

ClientSampleId :

BEACH-BLVD-TEST-PIT

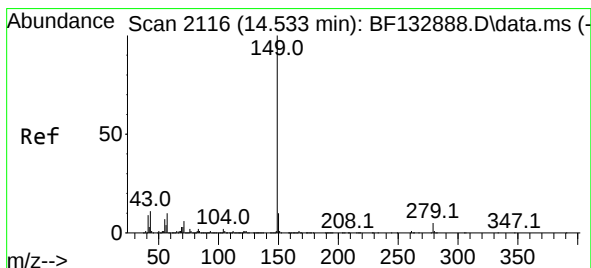
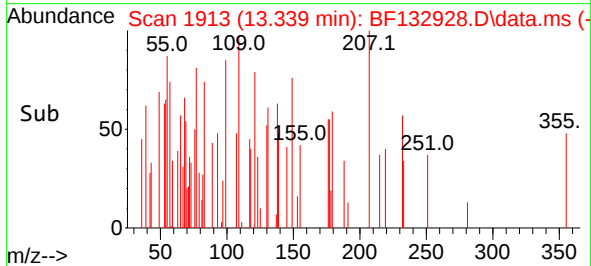
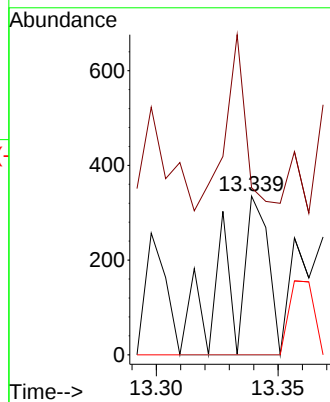
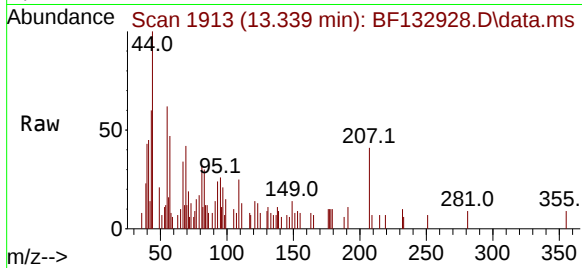
Tgt Ion:149 Resp: 384

Ion Ratio Lower Upper

149 100

91 105.4 65.4 98.0#

206 0.0 15.6 23.4#



#85

Di-n-octyl phthalate

Concen: 6.391 ng

RT: 14.515 min Scan# 2113

Delta R.T. -0.018 min

Lab File: BF132928.D

Acq: 19 Apr 2023 23:46

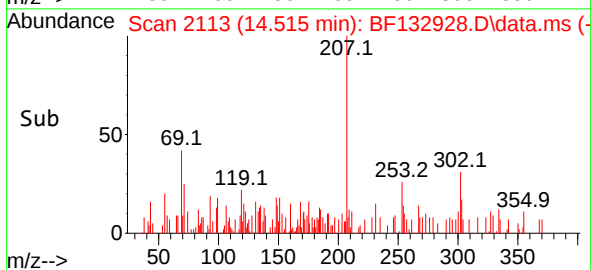
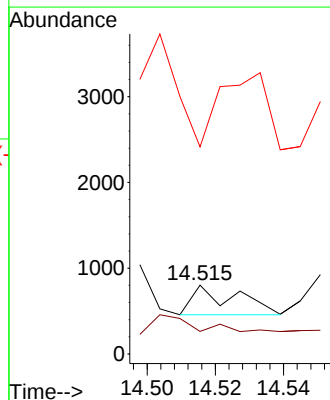
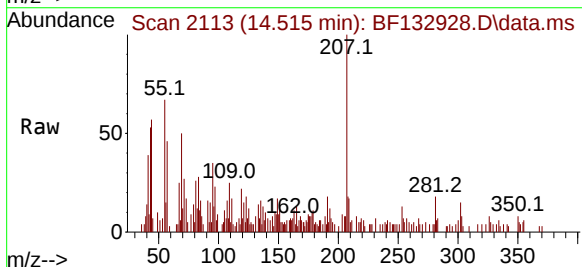
Tgt Ion:149 Resp: 306

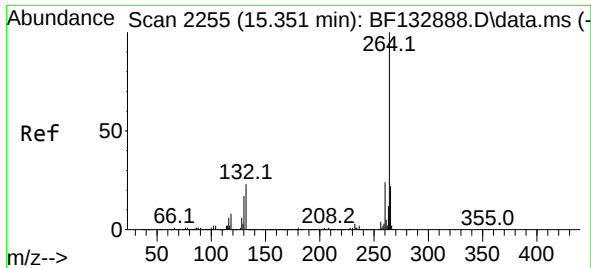
Ion Ratio Lower Upper

149 100

167 318.3 1.2 1.8#

43 337.9 11.5 17.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.345 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132928.D
 Acq: 19 Apr 2023 23:46

Instrument :
 BNA_F
 ClientSampleId :
 BEACH-BLVD-TEST-PIT

Tgt Ion:264 Resp: 606872
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 22.0 17.7 26.5

