

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
 Data File : BF132927.D
 Acq On : 19 Apr 2023 23:15
 Operator : CG\JU
 Sample : 02407-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-ST-&-BAY-AVE-INTERSECTION

Quant Time: Apr 20 01:52:21 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)

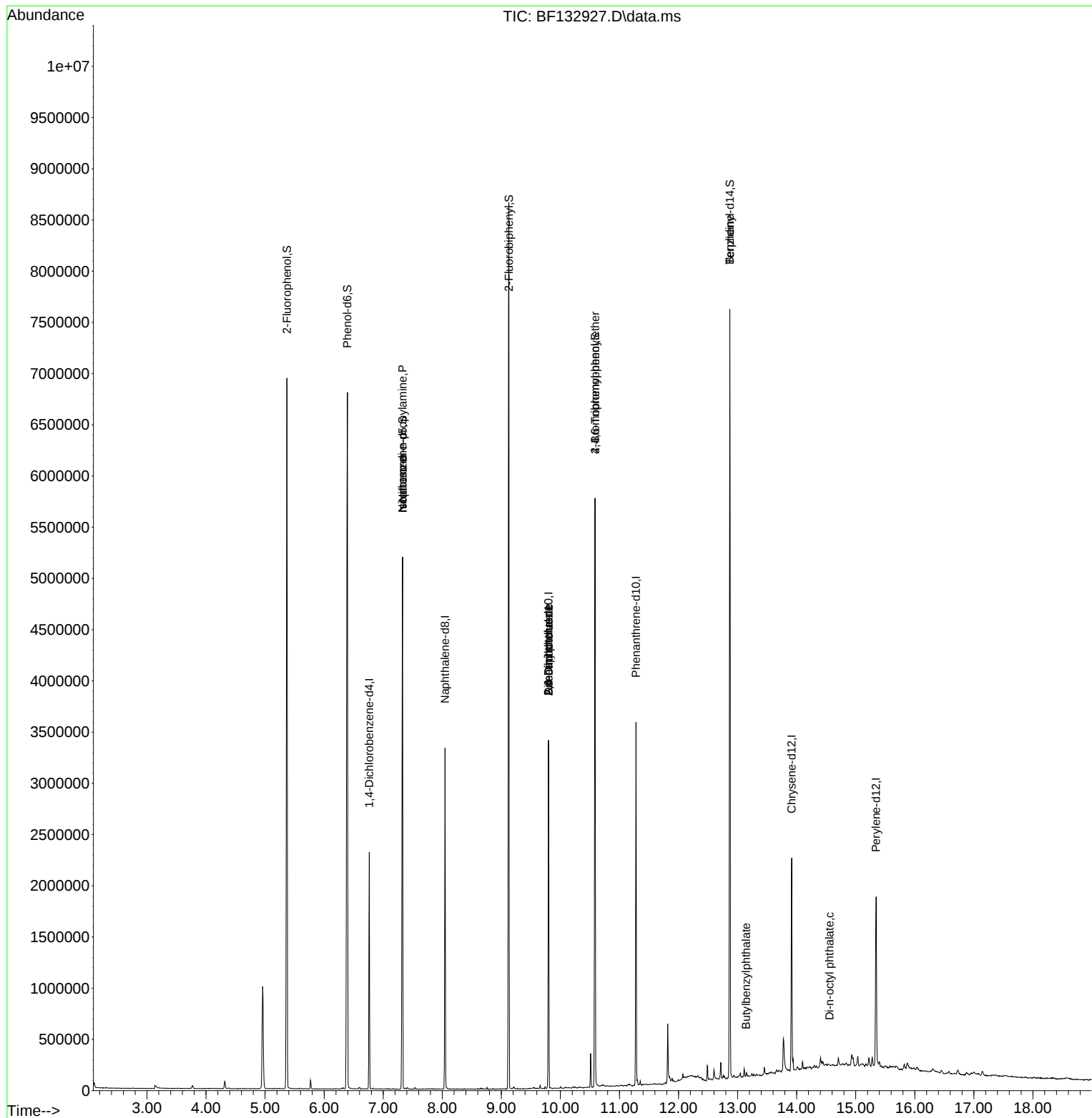
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	281206	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1140191	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	618238	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1072231	20.000	ng	0.00
76) Chrysene-d12	13.916	240	635455	20.000	ng	-0.01
86) Perylene-d12	15.345	264	653951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1978715	110.028	ng	0.00
7) Phenol-d6	6.393	99	2522872	109.939	ng	0.00
23) Nitrobenzene-d5	7.328	82	1563329	71.469	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	683254	110.185	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	2530645	62.882	ng	0.00
79) Terphenyl-d14	12.869	244	2599707	69.797	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	206491	14.416	ng	# 79
25) Isophorone	7.328	82	1561186	37.627	ng	# 65
50) Dimethylphthalate	9.798	163	120090	2.810	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	81267	8.672	ng	# 28
57) 2,4-Dinitrotoluene	9.798	165	81267	7.026	ng	# 23
67) 4-Bromophenyl-phenylether	10.586	248	41772	3.412	ng	# 1
77) Benzidine	12.869	184	31421	3.174	ng	# 90
80) Butylbenzylphthalate	13.145	149	261	5.153	ng	# 86
85) Di-n-octyl phthalate	14.557	149	654	6.399	ng	# 54

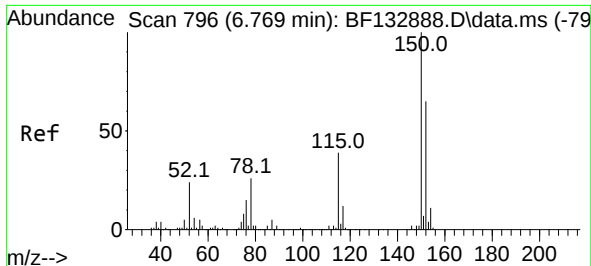
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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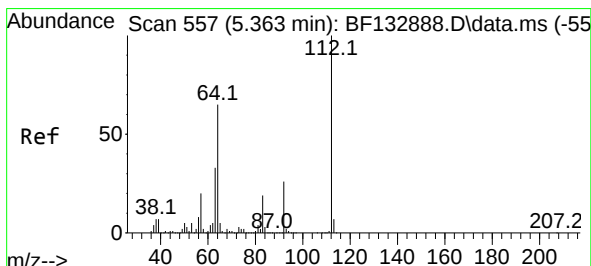
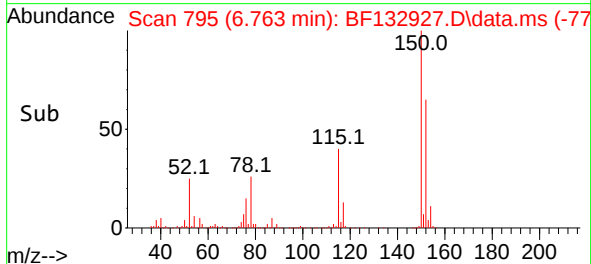
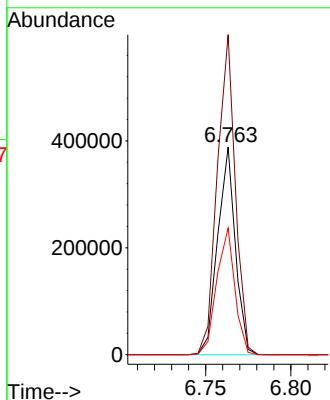
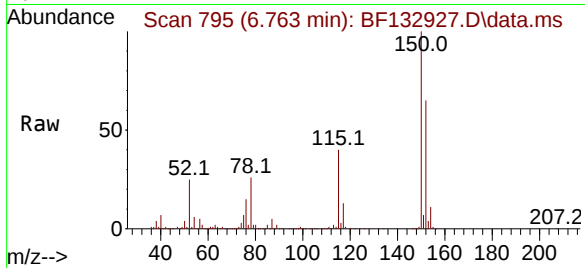




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

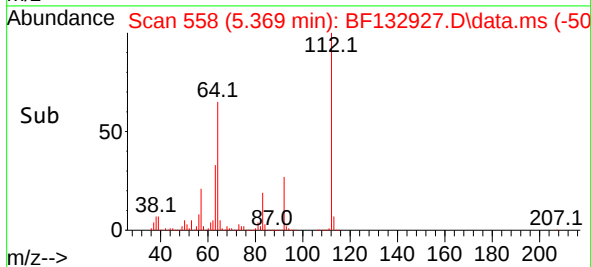
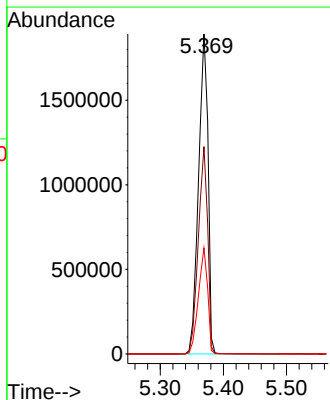
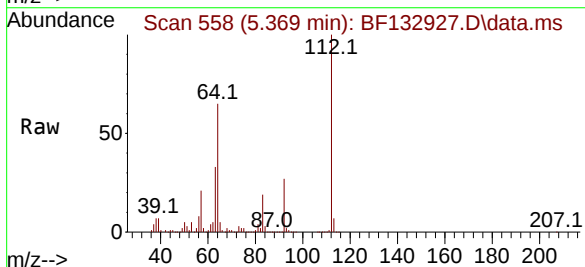
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BNA_F
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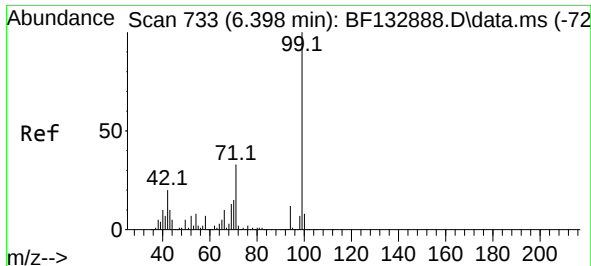
Tgt Ion:152 Resp: 281206
Ion Ratio Lower Upper
152 100
150 154.2 122.8 184.2
115 61.0 47.3 70.9



#5
2-Fluorophenol
Concen: 110.028 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

Tgt Ion:112 Resp: 1978715
Ion Ratio Lower Upper
112 100
64 64.8 51.8 77.8
63 33.2 26.3 39.5

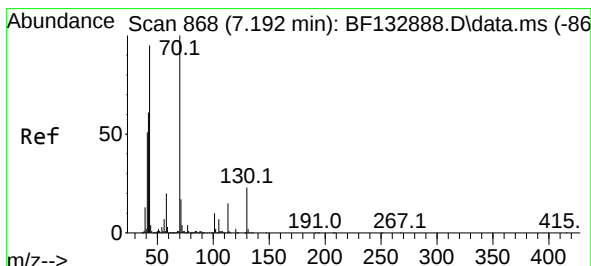
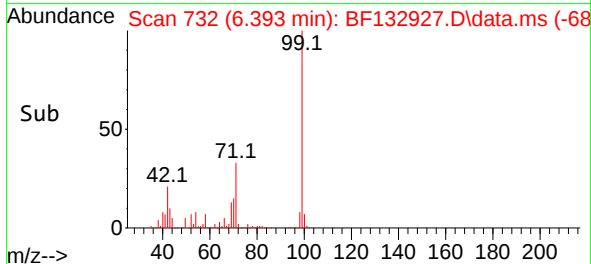
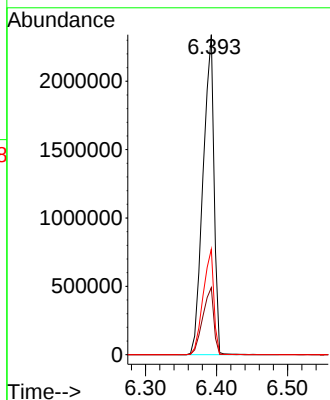
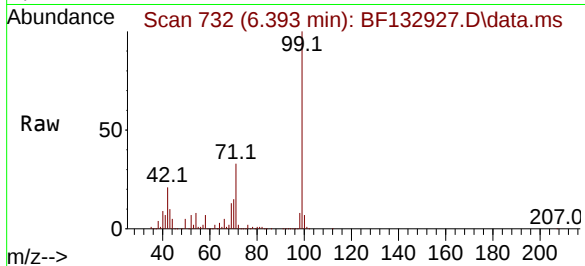




#7
Phenol-d6
Concen: 109.939 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

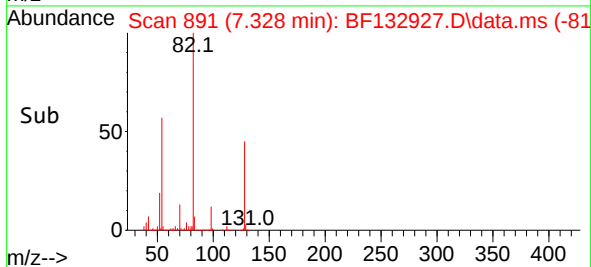
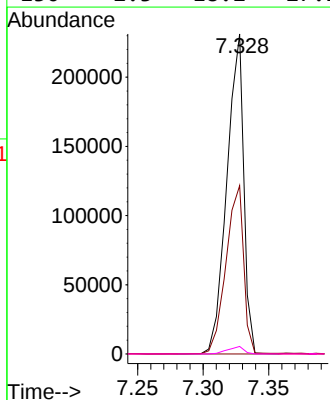
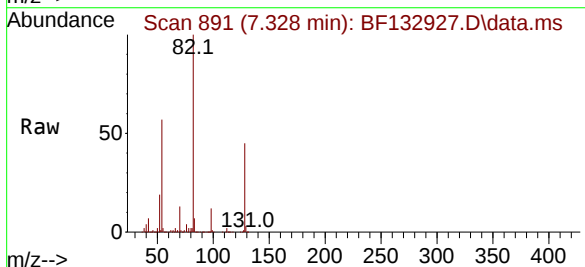
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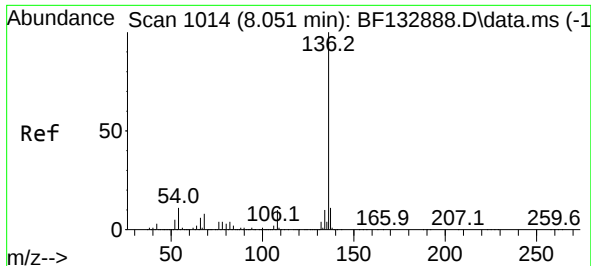
Tgt Ion: 99 Resp: 2522872
Ion Ratio Lower Upper
99 100
42 20.9 16.1 24.1
71 32.9 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 14.416 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.135 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

Tgt Ion: 70 Resp: 206491
Ion Ratio Lower Upper
70 100
42 52.6 49.0 73.6
101 0.0 8.1 12.1#
130 2.3 18.2 27.2#

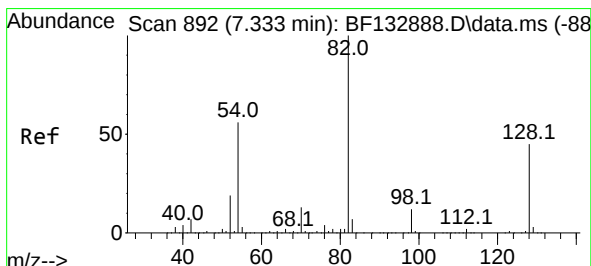
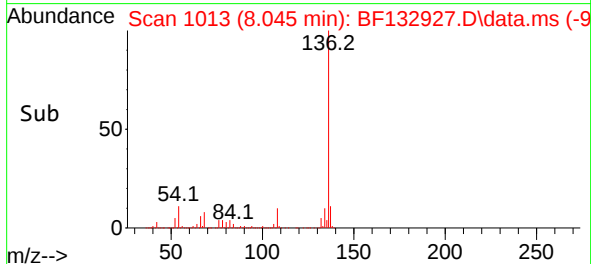
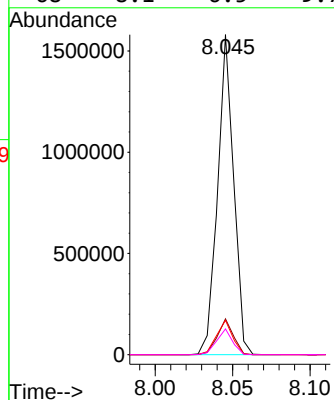
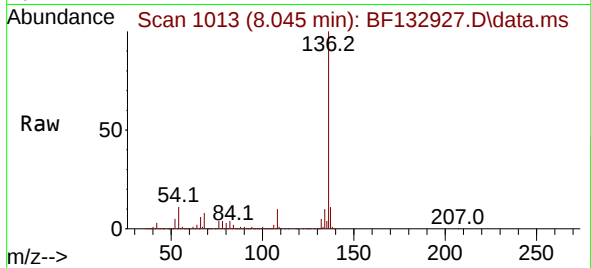




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

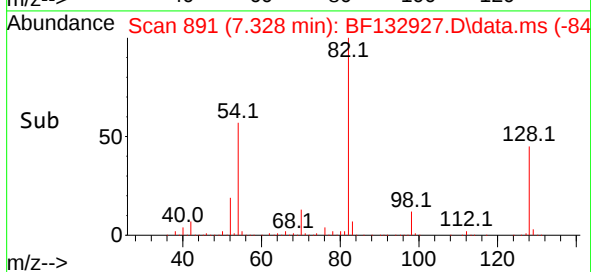
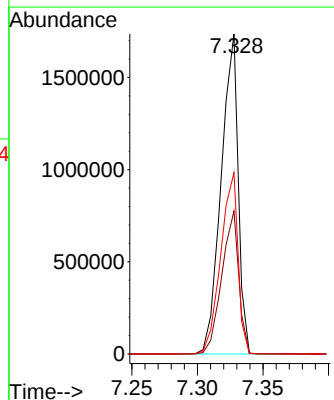
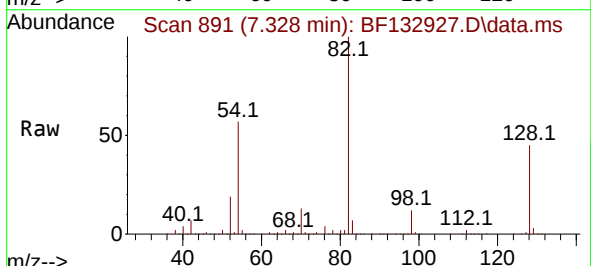
Instrument :
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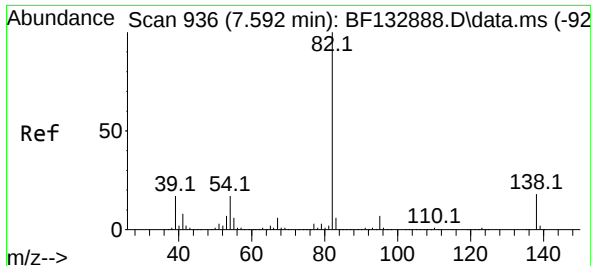
Tgt Ion:136 Resp: 1140191
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.7 8.9 13.3
68 8.1 6.5 9.7



#23
Nitrobenzene-d5
Concen: 71.469 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

Tgt Ion: 82 Resp: 1563329
Ion Ratio Lower Upper
82 100
128 44.6 35.7 53.5
54 56.6 44.7 67.1

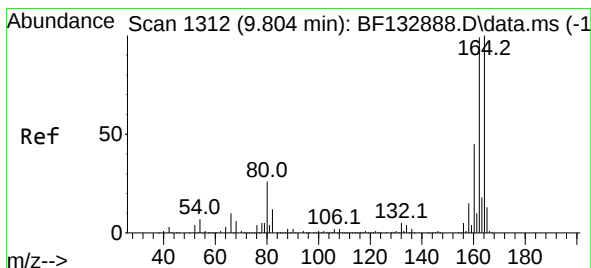
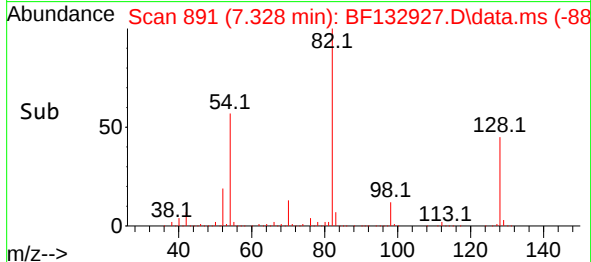
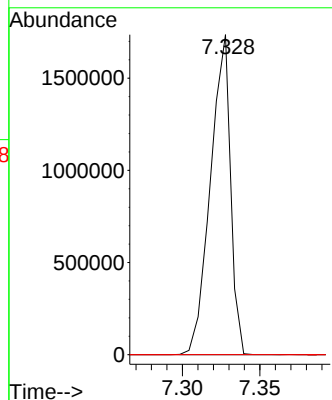
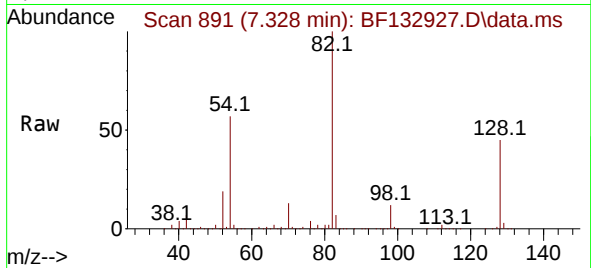




#25
Isophorone
Concen: 37.627 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

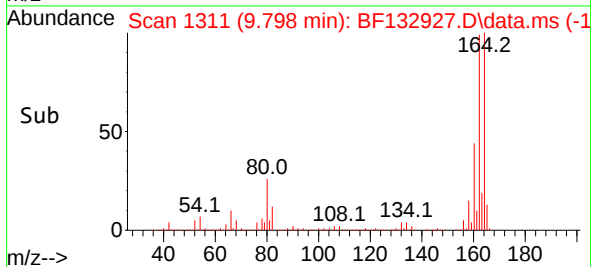
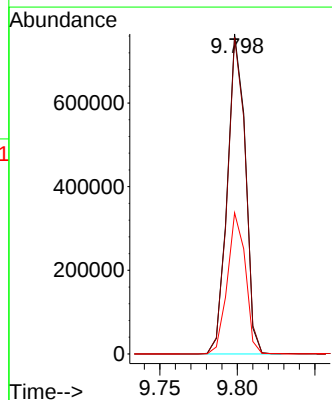
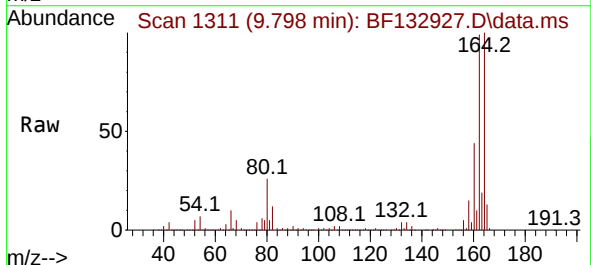
Instrument : BNA_F
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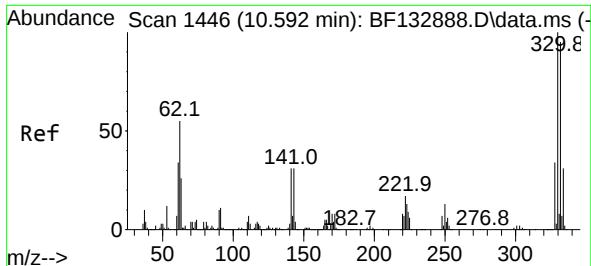
Tgt Ion: 82 Resp: 1561186
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

Tgt Ion:164 Resp: 618238
Ion Ratio Lower Upper
164 100
162 99.0 79.1 118.7
160 44.1 35.6 53.4



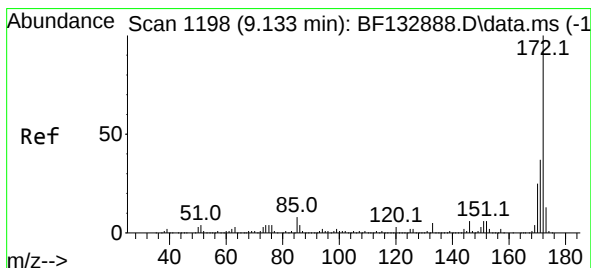
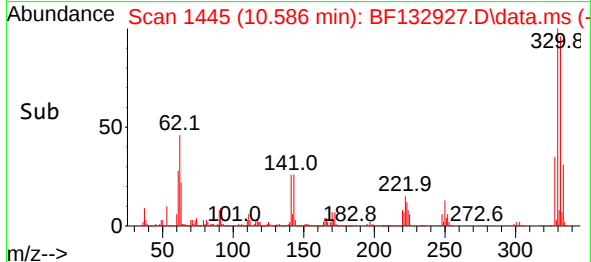
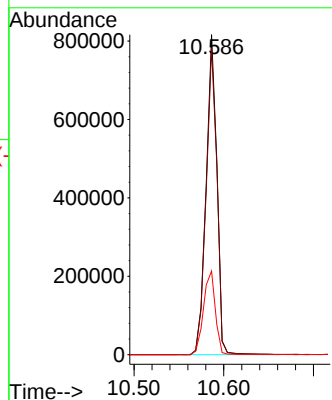
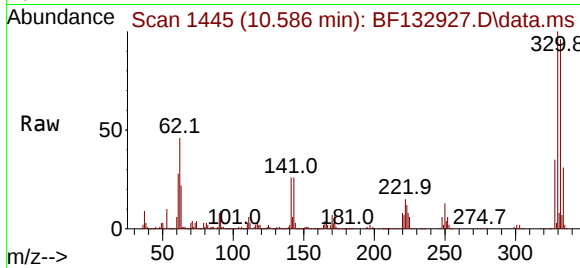


#42
 2,4,6-Tribromophenol
 Concen: 110.185 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.006 min
 Lab File: BF132927.D
 Acq: 19 Apr 2023 23:15

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-ST-&-BAY-AVE-INTERSECTION

Tgt Ion:330 Resp: 683254

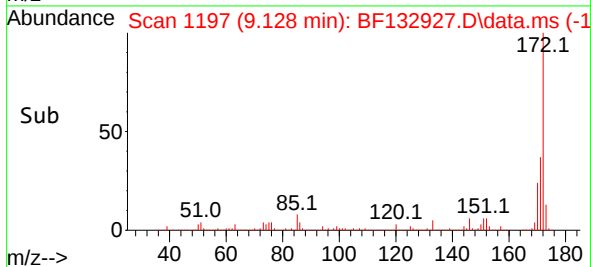
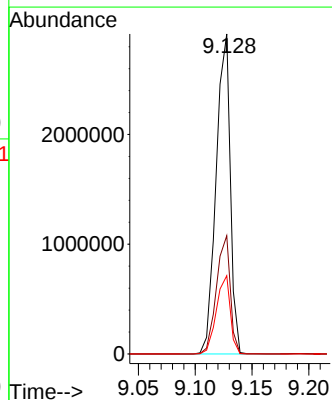
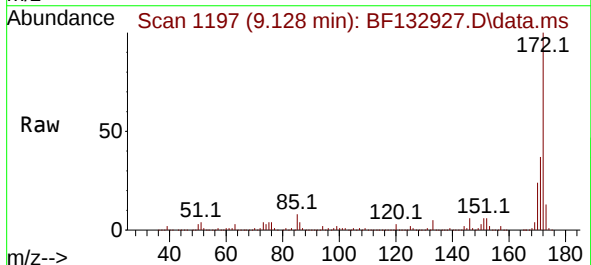
Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.3	114.5
141	28.6	23.9	35.9

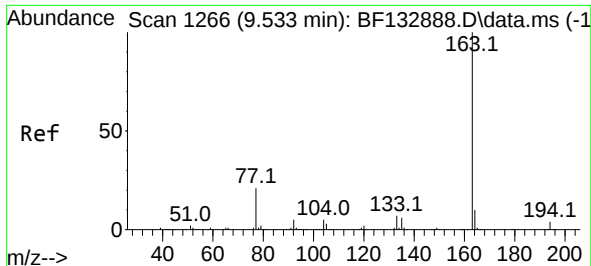


#45
 2-Fluorobiphenyl
 Concen: 62.882 ng
 RT: 9.128 min Scan# 1197
 Delta R.T. -0.006 min
 Lab File: BF132927.D
 Acq: 19 Apr 2023 23:15

Tgt Ion:172 Resp: 2530645

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.4	20.1	30.1

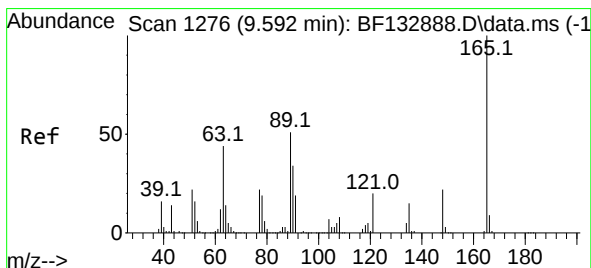
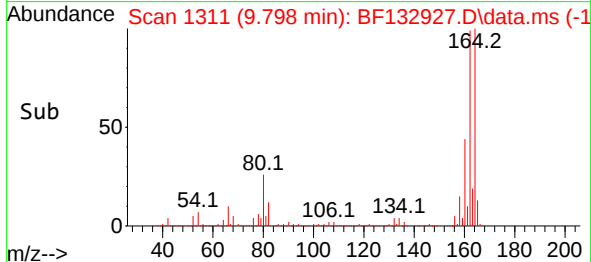
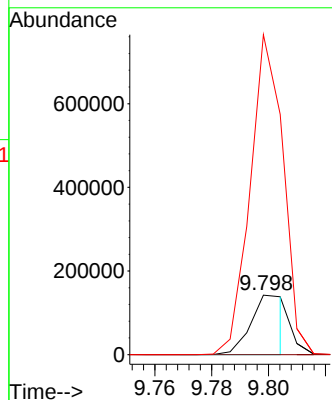
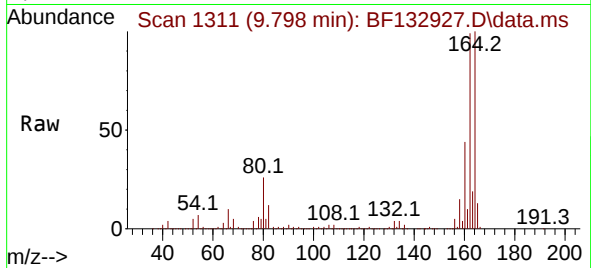




#50
Dimethylphthalate
Concen: 2.810 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

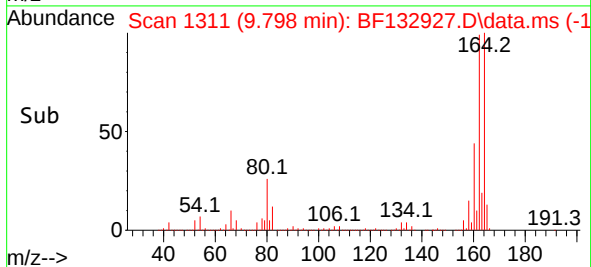
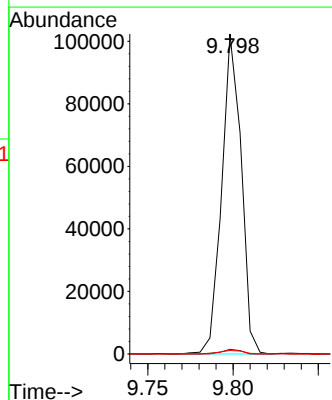
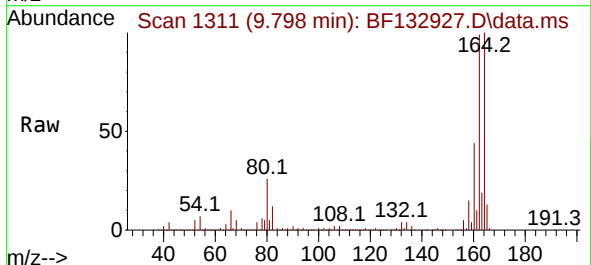
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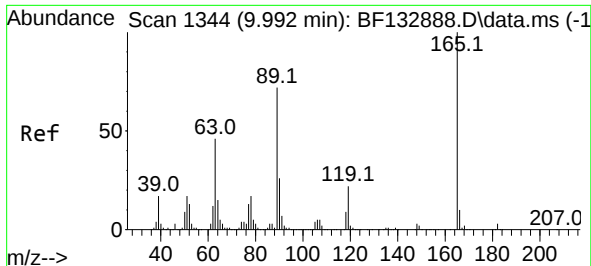
Tgt Ion:163 Resp: 120090
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 537.3 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.672 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

Tgt Ion:165 Resp: 81267
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.1 41.0 61.4#

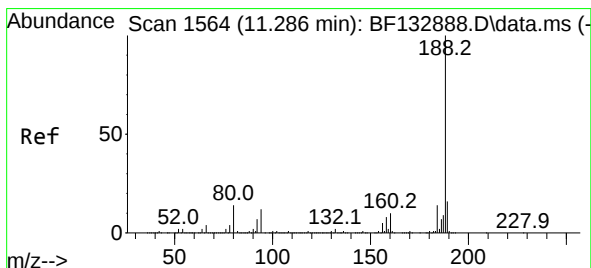
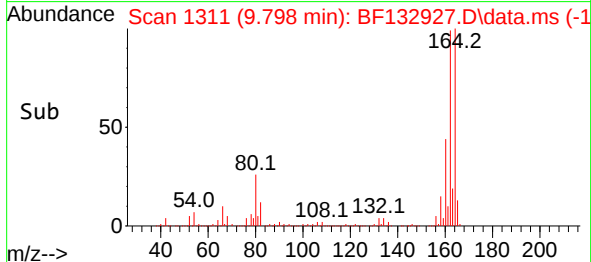
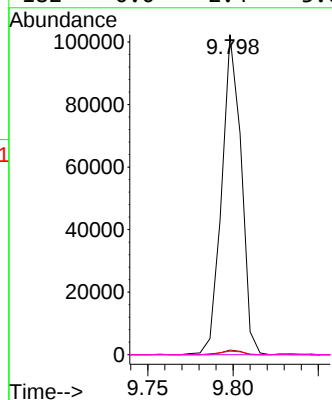
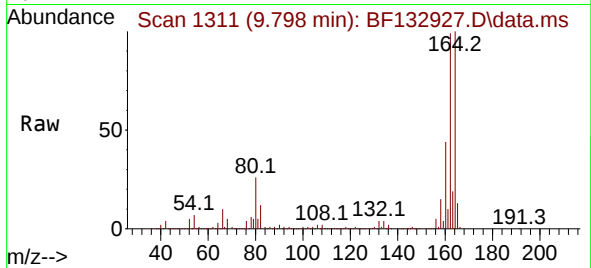




#57
2,4-Dinitrotoluene
Concen: 7.026 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

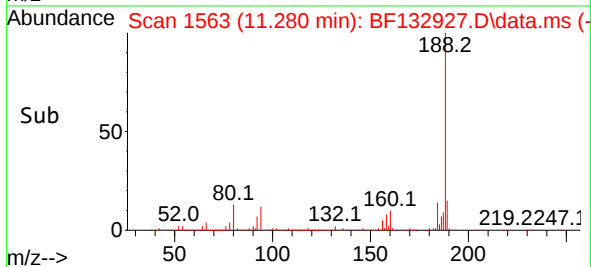
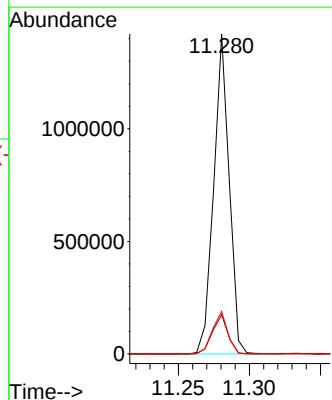
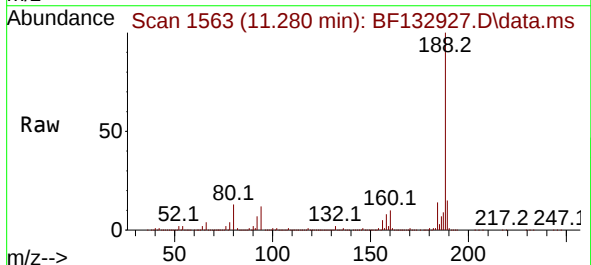
Instrument :
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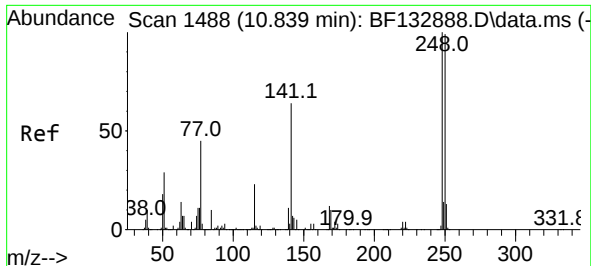
Tgt Ion:165 Resp: 81267
Ion Ratio Lower Upper
165 100
63 1.4 37.0 55.6#
89 1.1 57.8 86.6#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

Tgt Ion:188 Resp: 1072231
Ion Ratio Lower Upper
188 100
94 12.2 9.9 14.9
80 13.3 10.8 16.2

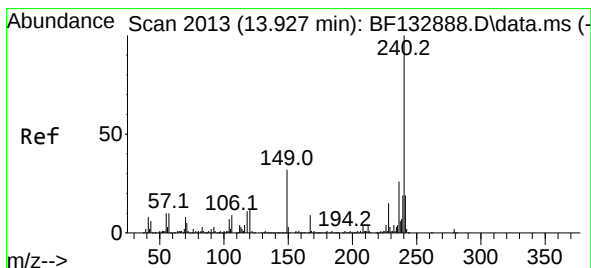
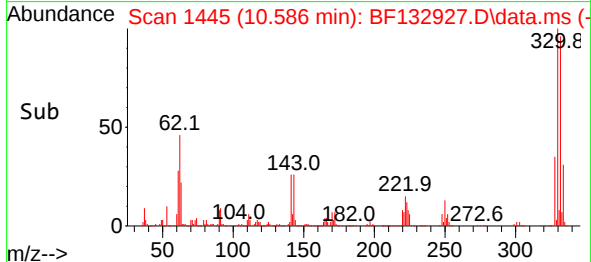
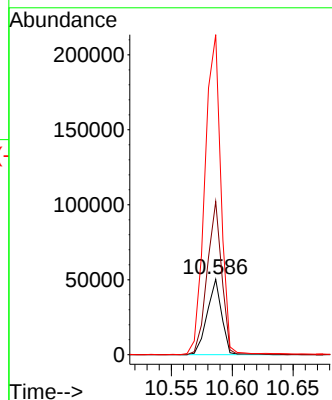
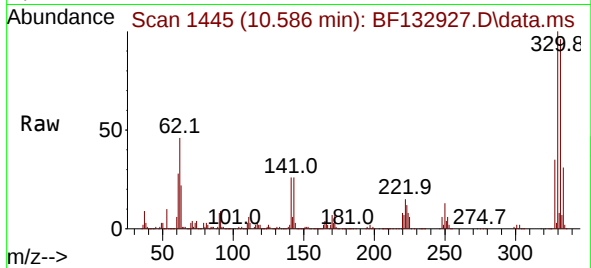




#67
4-Bromophenyl-phenylether
Concen: 3.412 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

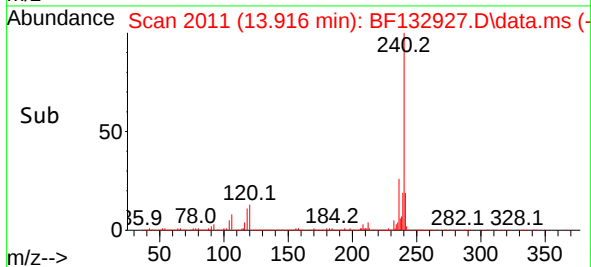
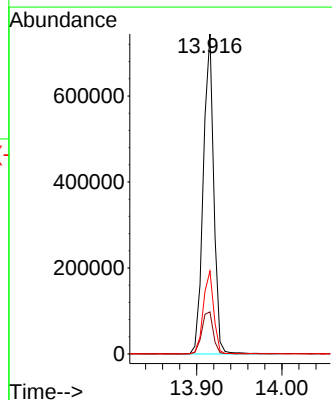
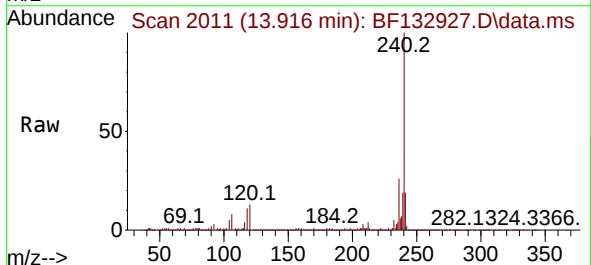
Instrument :
BNA_F
ClientSampleId :
NORTH-ST-&-BAY-AVE-INTERSECTION

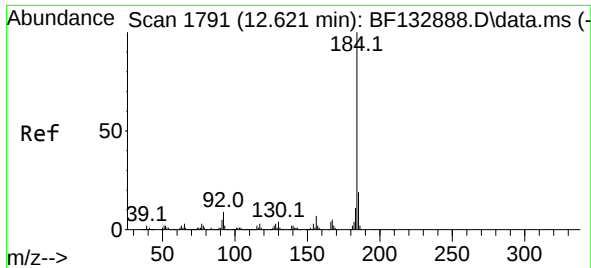
Tgt Ion:248 Resp: 41772
Ion Ratio Lower Upper
248 100
250 203.0 79.1 118.7#
141 424.3 51.0 76.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

Tgt Ion:240 Resp: 635455
Ion Ratio Lower Upper
240 100
120 13.1 10.0 15.0
236 25.9 20.8 31.2

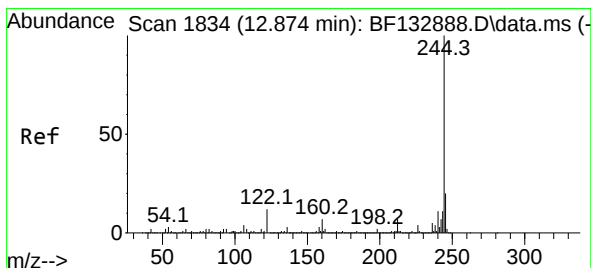
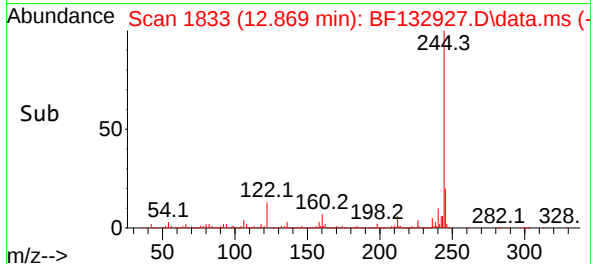
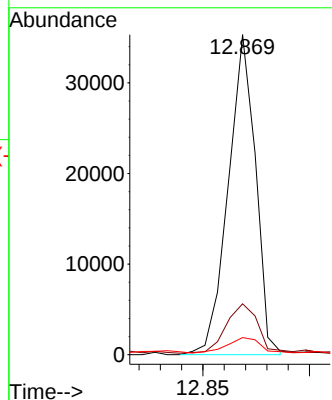
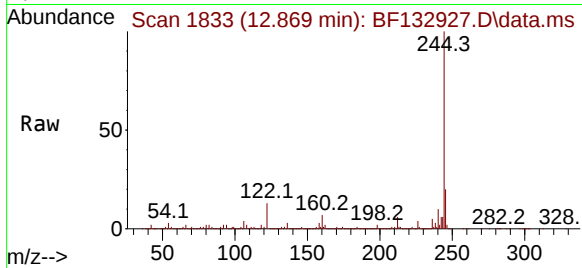




#77
Benzidine
Concen: 3.174 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.248 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

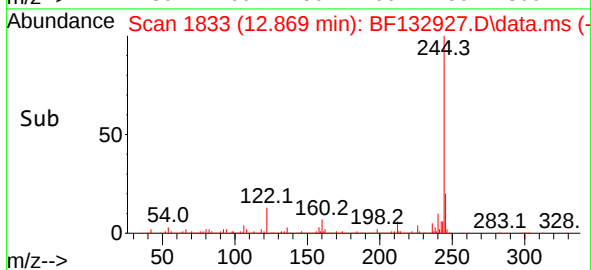
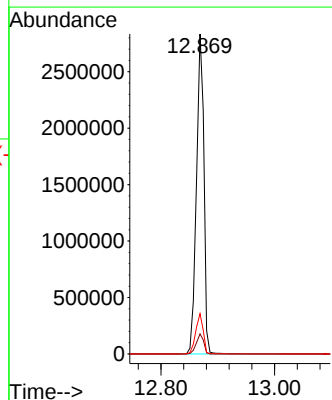
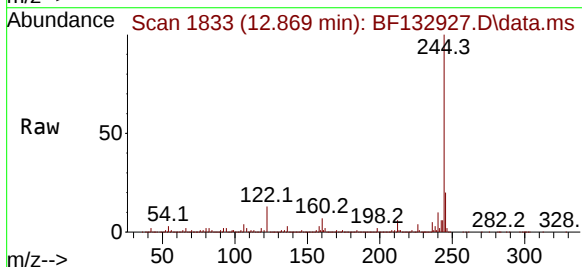
Instrument :
BNA_F
ClientSampleId :
NORTH-ST-&-BAY-AVE-INTERSECTION

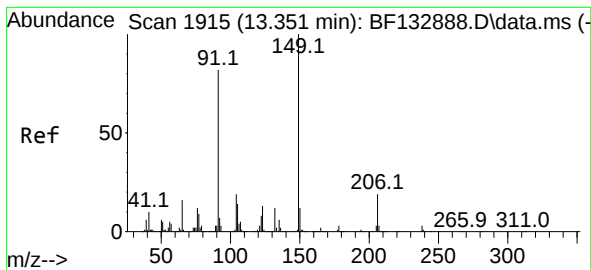
Tgt Ion:184 Resp: 31421
Ion Ratio Lower Upper
184 100
185 15.9 14.9 22.3
183 5.3 9.0 13.6#



#79
Terphenyl-d14
Concen: 69.797 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF132927.D
Acq: 19 Apr 2023 23:15

Tgt Ion:244 Resp: 2599707
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 12.6 9.6 14.4





#80

Butylbenzylphthalate

Concen: 5.153 ng

RT: 13.145 min Scan# 11

Delta R.T. -0.206 min

Lab File: BF132927.D

Acq: 19 Apr 2023 23:15

Instrument :

BNA_F

ClientSampleId :

NORTH-ST-&-BAY-AVE-INTERSECTION

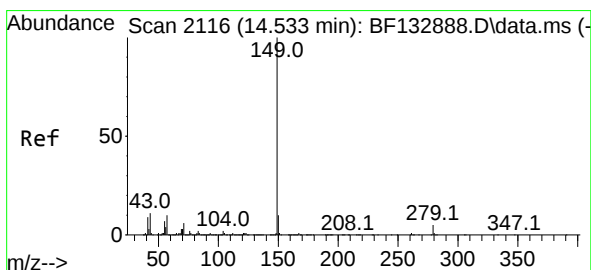
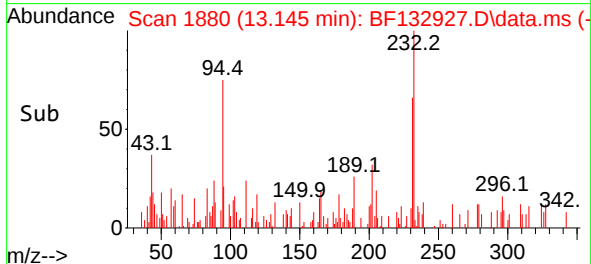
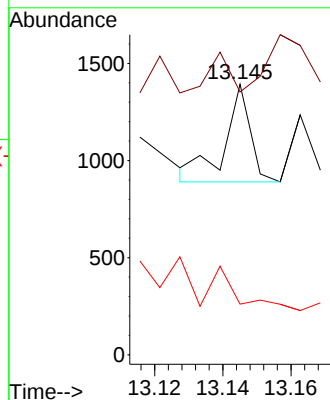
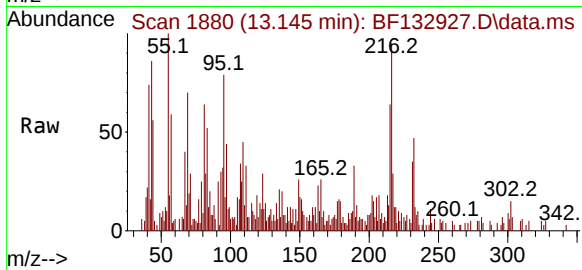
Tgt Ion:149 Resp: 261

Ion Ratio Lower Upper

149 100

91 97.1 65.4 98.0

206 18.7 15.6 23.4



#85

Di-n-octyl phthalate

Concen: 6.399 ng

RT: 14.557 min Scan# 2120

Delta R.T. 0.024 min

Lab File: BF132927.D

Acq: 19 Apr 2023 23:15

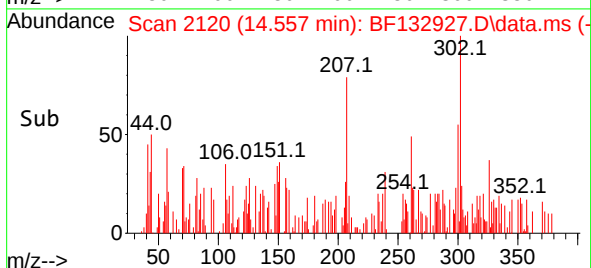
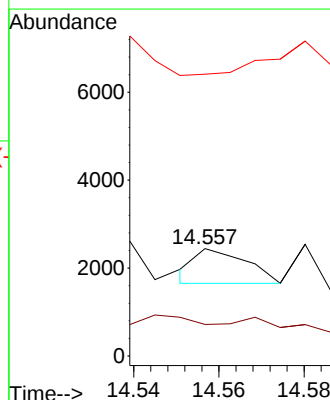
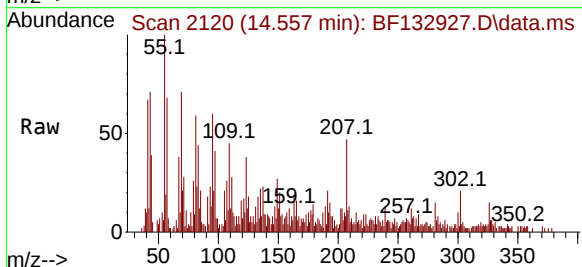
Tgt Ion:149 Resp: 654

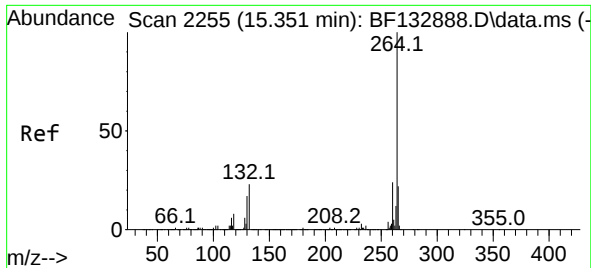
Ion Ratio Lower Upper

149 100

167 59.9 1.2 1.8#

43 0.0 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: BF132927.D
 Acq: 19 Apr 2023 23:15

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-ST-&-BAY-AVE-INTERSECTION

Tgt Ion:264 Resp: 653951
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.5 17.7 26.5

