

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
 Data File : BF130171.D
 Acq On : 07 Sep 2022 20:05
 Operator : CG\JU
 Sample : N4502-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEACON-WATER-COMP

Quant Time: Sep 08 02:54:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

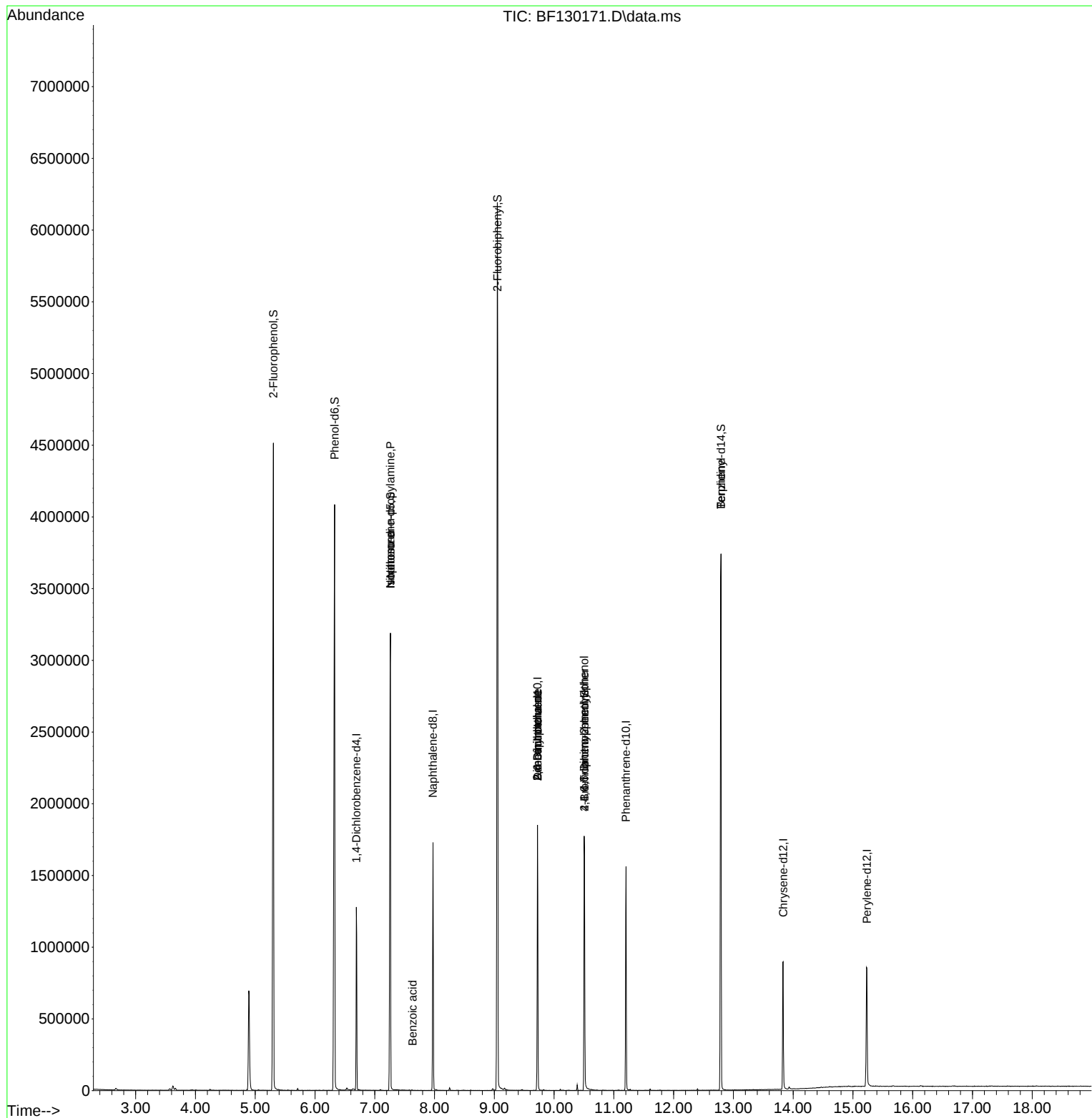
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	184611	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	725256	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	369561	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	539693	20.000	ng	0.00
76) Chrysene-d12	13.833	240	322081	20.000	ng	-0.01
86) Perylene-d12	15.233	264	373366	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1443972	132.785	ng	0.00
7) Phenol-d6	6.328	99	1684009	124.214	ng	0.00
23) Nitrobenzene-d5	7.263	82	1156394	102.470	ng	0.00
42) 2,4,6-Tribromophenol	10.510	330	214813	63.856	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	2072894	92.996	ng	0.00
79) Terphenyl-d14	12.792	244	1343715	72.347	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	150503	18.427	ng	# 72
25) Isophorone	7.263	82	1151504	50.413	ng	# 65
32) Benzoic acid	7.634	122	259	6.601	ng	# 1
50) Dimethylphthalate	9.722	163	69361	2.756	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	47295	9.637	ng	# 22
57) 2,4-Dinitrotoluene	9.722	165	47295	8.370	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.504	198	365	6.206	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	12727	2.120	ng	# 1
77) Benzidine	12.792	184	18143	2.086	ng	# 95

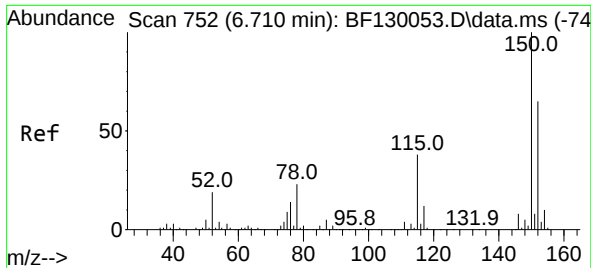
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 08 02:54:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

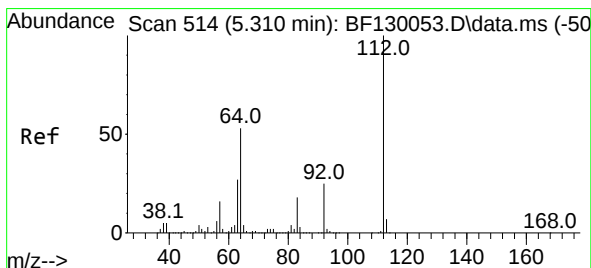
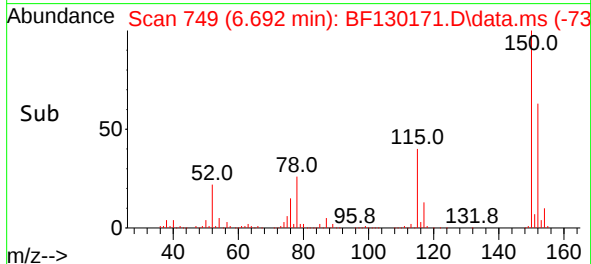
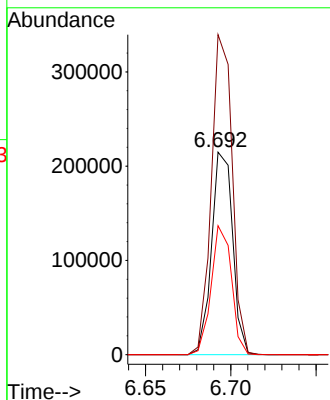
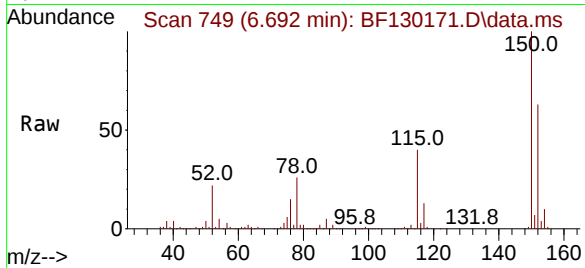




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130171.D
 Acq: 07 Sep 2022 20:05

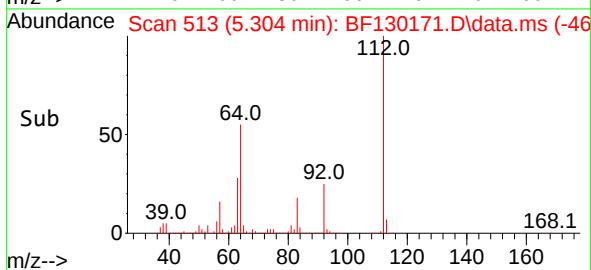
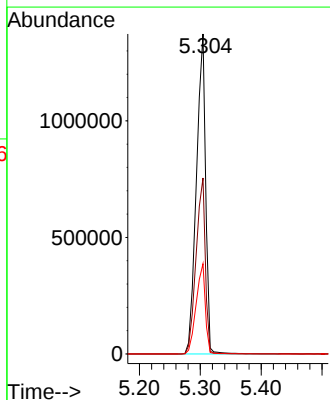
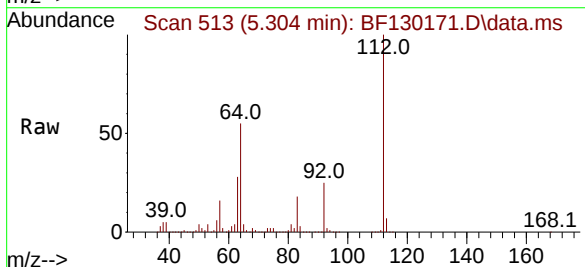
Instrument :
 BNA_F
 ClientSampleId :
 DEACON-WATER-COMP

Tgt Ion:152 Resp: 184611
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.9 190.3
 115 63.7 53.4 80.0



#5
 2-Fluorophenol
 Concen: 132.785 ng
 RT: 5.304 min Scan# 513
 Delta R.T. 0.006 min
 Lab File: BF130171.D
 Acq: 07 Sep 2022 20:05

Tgt Ion:112 Resp: 1443972
 Ion Ratio Lower Upper
 112 100
 64 55.0 47.6 71.4
 63 28.2 24.6 37.0

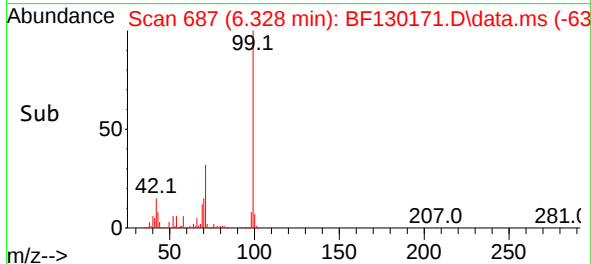
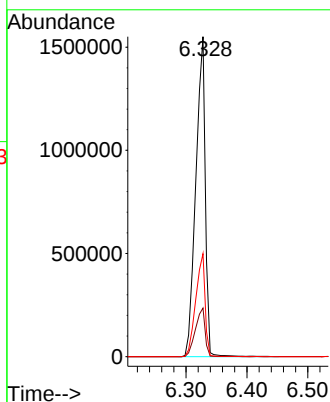
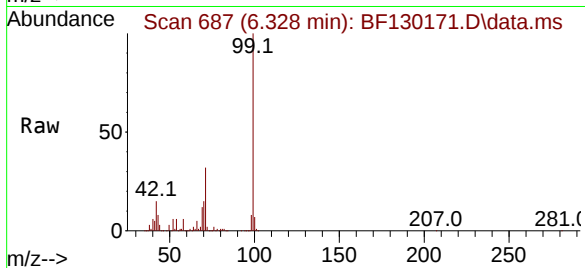




#7
Phenol-d6
Concen: 124.214 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130171.D
Acq: 07 Sep 2022 20:05

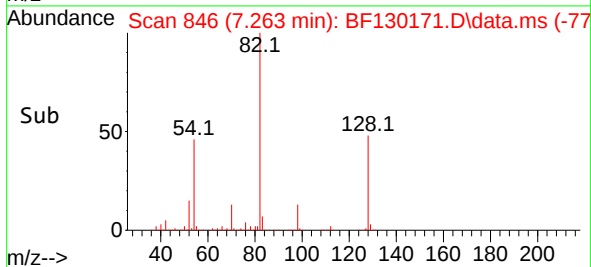
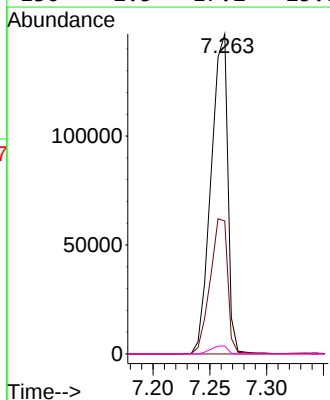
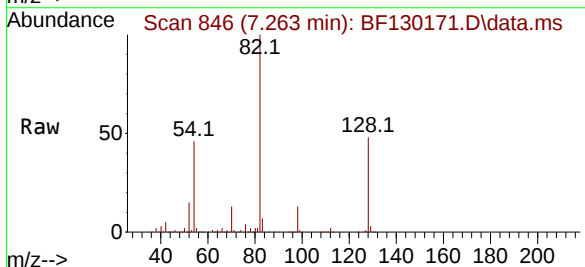
Instrument :
BNA_F
ClientSampleId :
DEACON-WATER-COMP

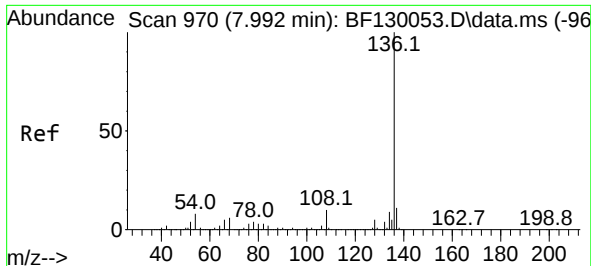
Tgt Ion: 99 Resp: 1684009
Ion Ratio Lower Upper
99 100
42 15.2 15.0 22.4
71 32.2 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.427 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130171.D
Acq: 07 Sep 2022 20:05

Tgt Ion: 70 Resp: 150503
Ion Ratio Lower Upper
70 100
42 41.6 47.6 71.4#
101 0.0 8.1 12.1#
130 2.5 17.2 25.8#

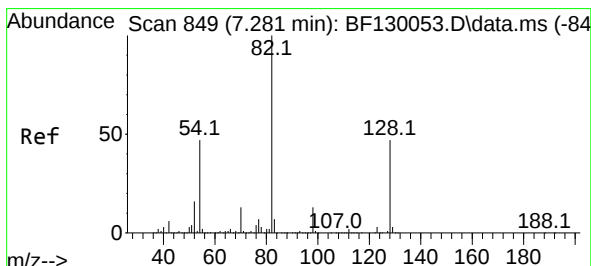
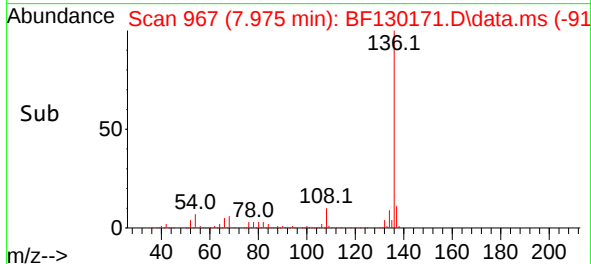
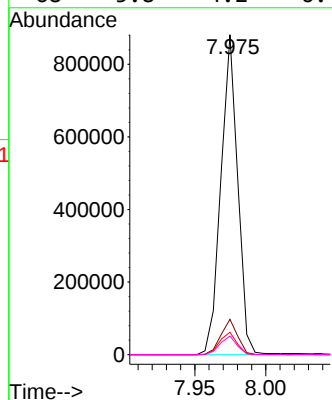
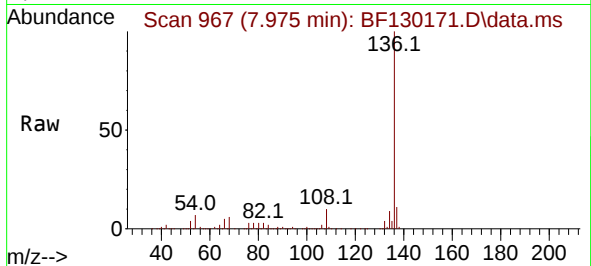




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130171.D
Acq: 07 Sep 2022 20:05

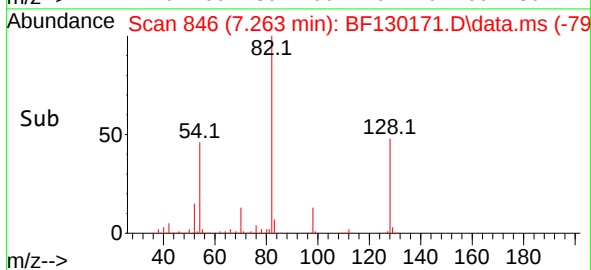
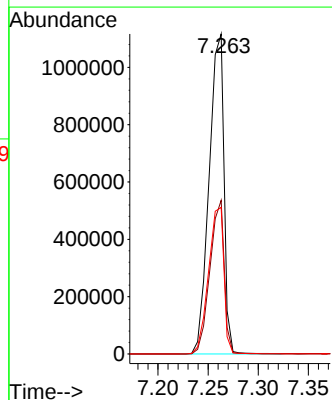
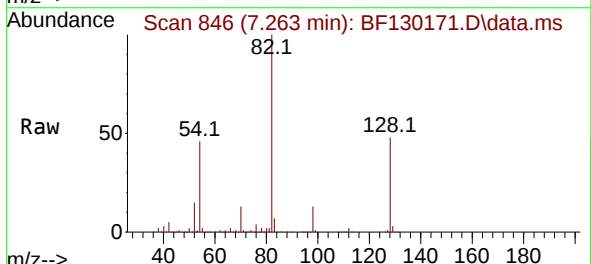
Instrument :
BNA_F
ClientSampleId :
DEACON-WATER-COMP

Tgt Ion:	136	Resp:	725256
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.0	6.2	9.2
68	5.8	4.2	6.4



#23
Nitrobenzene-d5
Concen: 102.470 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130171.D
Acq: 07 Sep 2022 20:05

Tgt Ion:	82	Resp:	1156394
Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	45.8	40.0	60.0

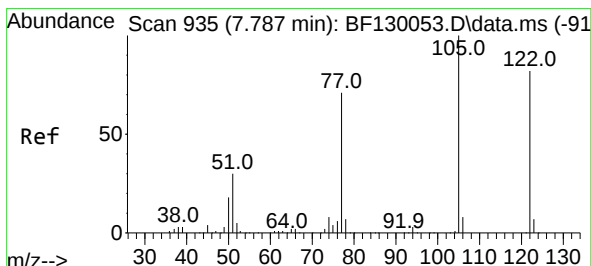
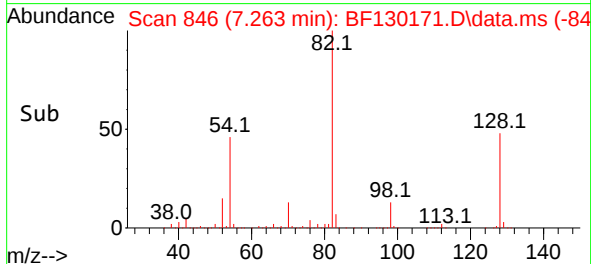
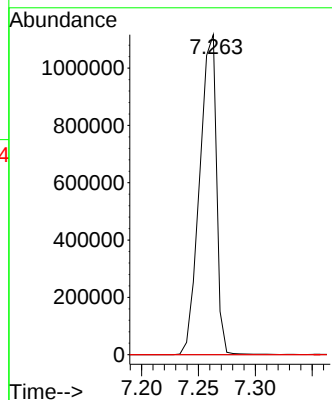
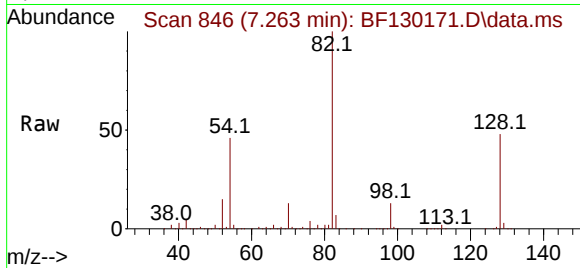




#25
Isophorone
Concen: 50.413 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130171.D
Acq: 07 Sep 2022 20:05

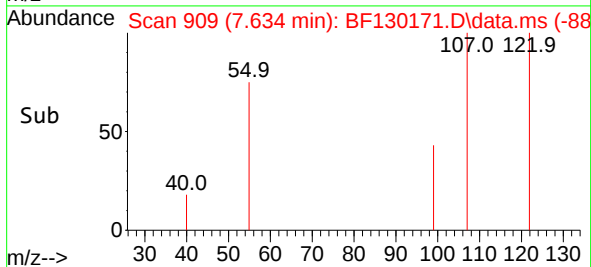
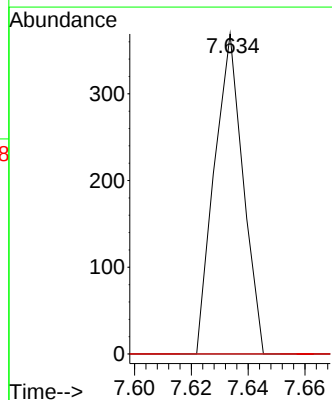
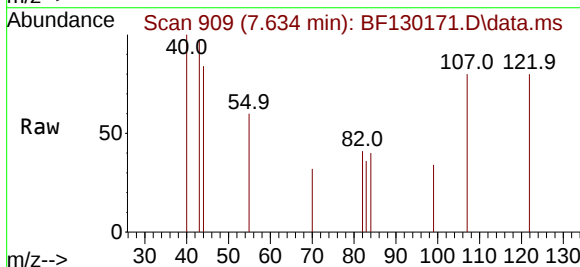
Instrument :
BNA_F
ClientSampleId :
DEACON-WATER-COMP

Tgt Ion: 82 Resp: 1151504
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.601 ng
RT: 7.634 min Scan# 909
Delta R.T. -0.135 min
Lab File: BF130171.D
Acq: 07 Sep 2022 20:05

Tgt Ion: 122 Resp: 259
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 0.0 65.9 105.9#

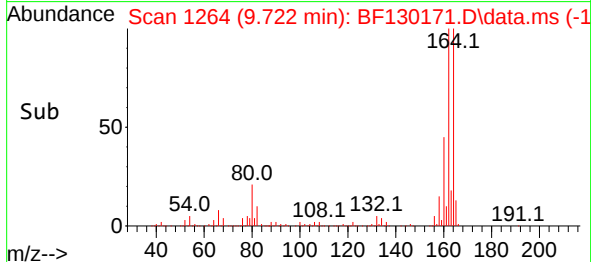
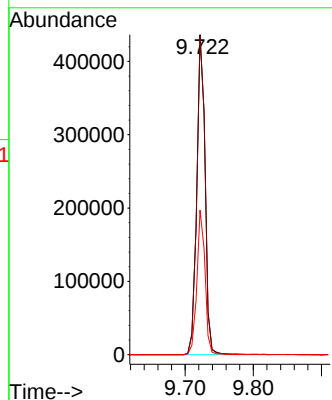
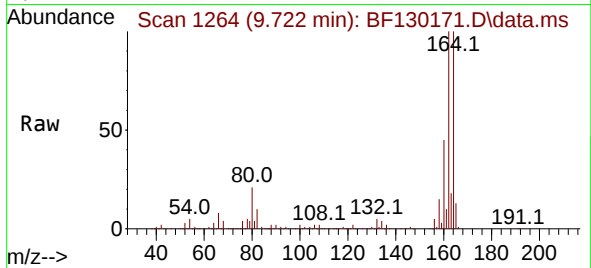




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130171.D
Acq: 07 Sep 2022 20:05

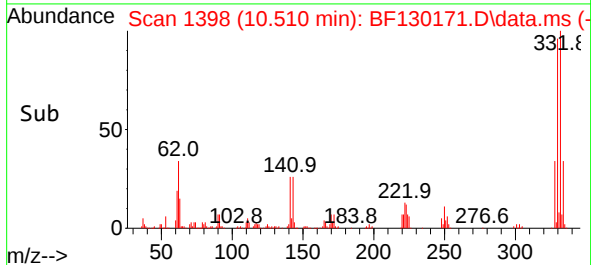
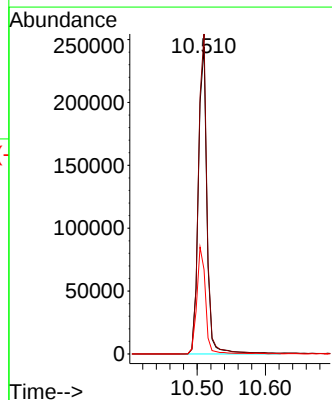
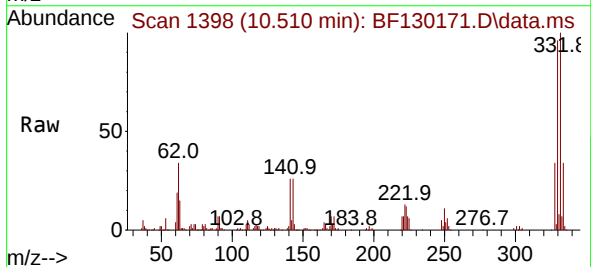
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ClientSampleId :
DEACON-WATER-COMP

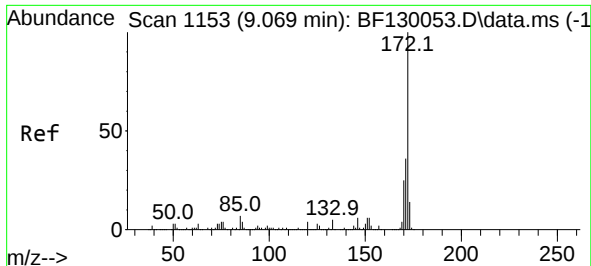
Tgt Ion:164 Resp: 369561
Ion Ratio Lower Upper
164 100
162 99.6 82.0 123.0
160 45.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 63.856 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF130171.D
Acq: 07 Sep 2022 20:05

Tgt Ion:330 Resp: 214813
Ion Ratio Lower Upper
330 100
332 103.6 82.6 124.0
141 35.1 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 92.996 ng

RT: 9.051 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130171.D

Acq: 07 Sep 2022 20:05

Instrument :

BNA_F

ClientSampleId :

DEACON-WATER-COMP

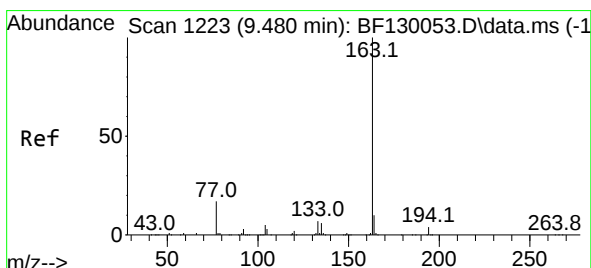
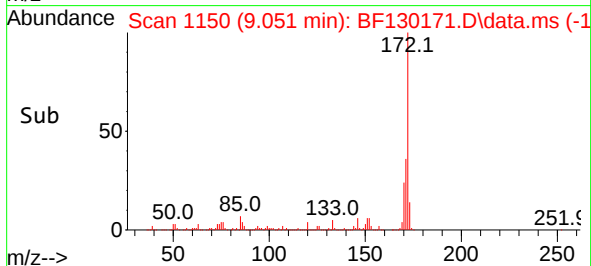
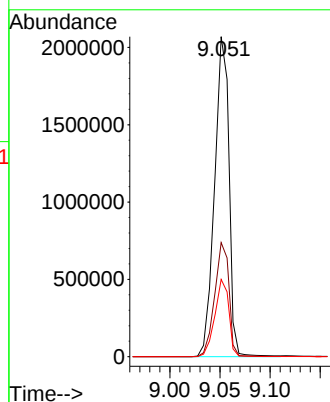
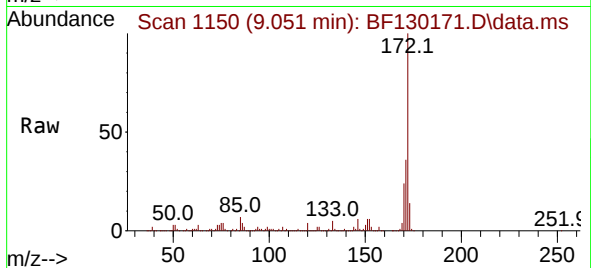
Tgt Ion:172 Resp: 2072894

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.2 19.1 28.7



#50

Dimethylphthalate

Concen: 2.756 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.253 min

Lab File: BF130171.D

Acq: 07 Sep 2022 20:05

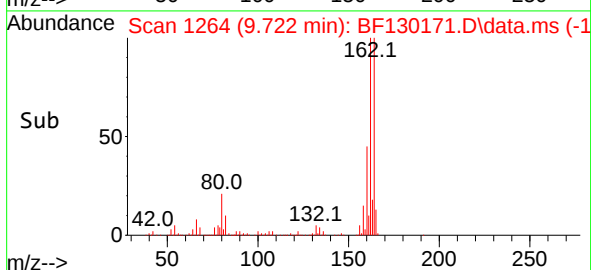
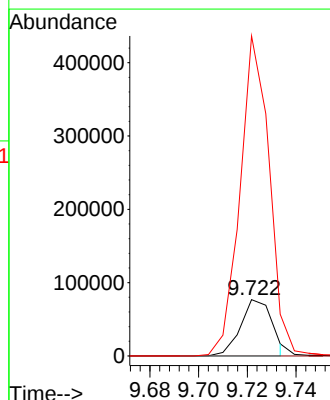
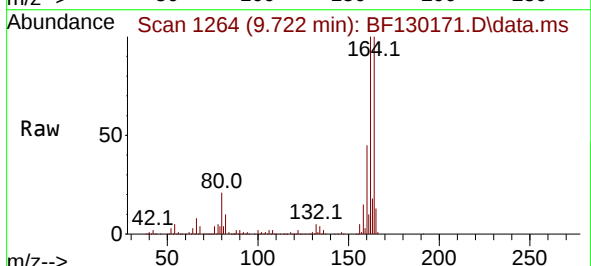
Tgt Ion:163 Resp: 69361

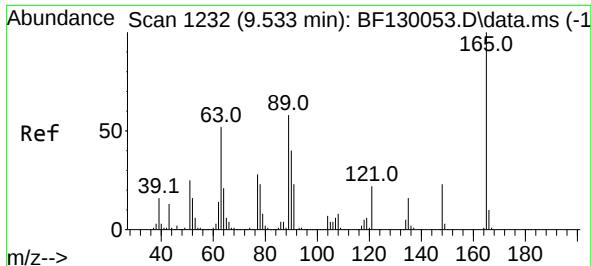
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 568.7 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.637 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.194 min

Lab File: BF130171.D

Acq: 07 Sep 2022 20:05

Instrument :

BNA_F

ClientSampleId :

DEACON-WATER-COMP

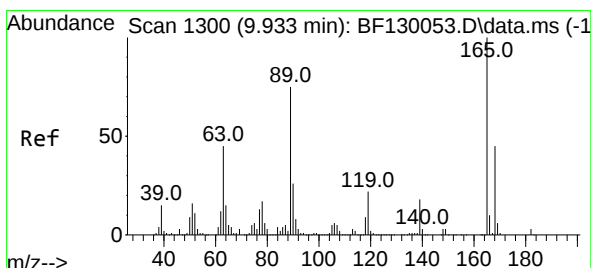
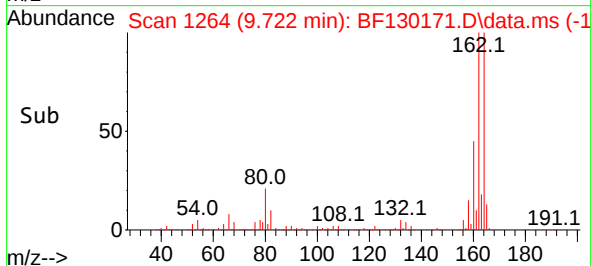
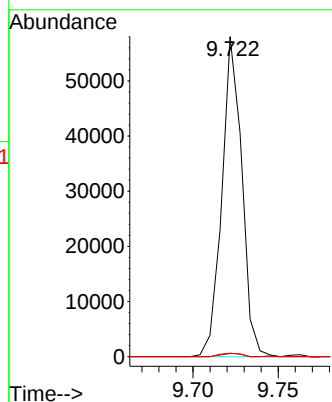
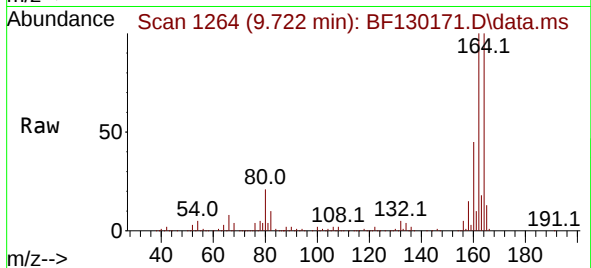
Tgt Ion:165 Resp: 47295

Ion Ratio Lower Upper

165 100

63 1.1 47.8 71.8#

89 1.0 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.370 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.200 min

Lab File: BF130171.D

Acq: 07 Sep 2022 20:05

Tgt Ion:165 Resp: 47295

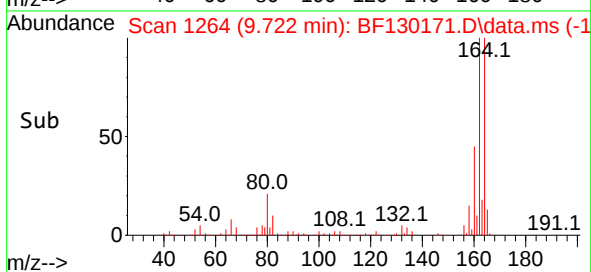
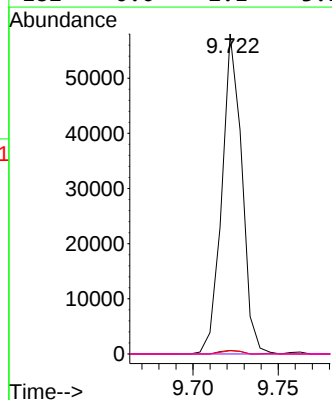
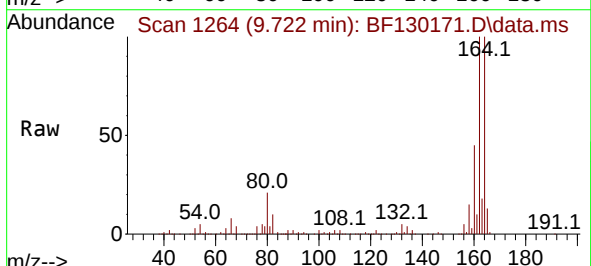
Ion Ratio Lower Upper

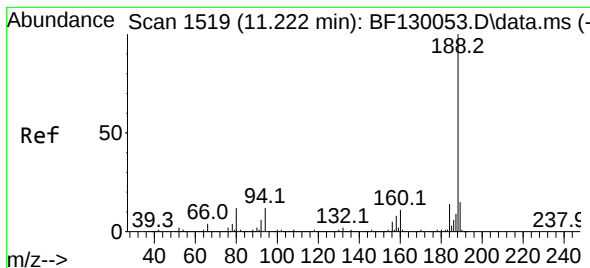
165 100

63 1.1 48.4 72.6#

89 1.0 62.3 93.5#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130171.D

Acq: 07 Sep 2022 20:05

Instrument :

BNA_F

ClientSampleId :

DEACON-WATER-COMP

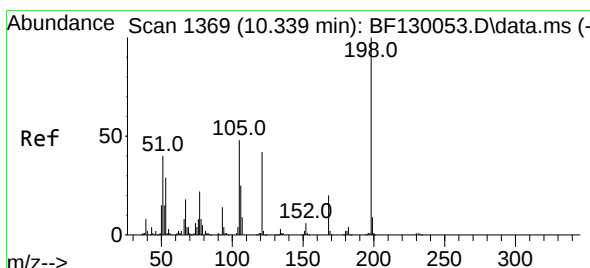
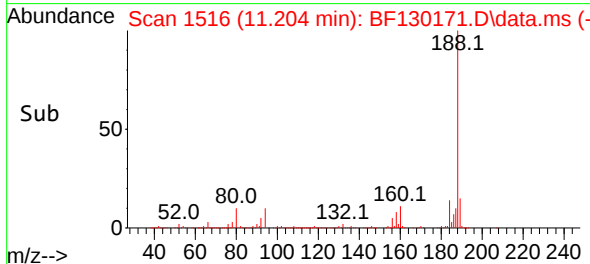
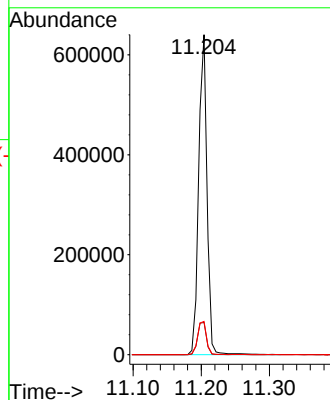
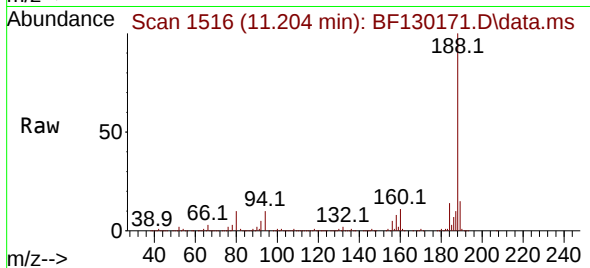
Tgt Ion:188 Resp: 539693

Ion Ratio Lower Upper

188 100

94 10.1 7.4 11.2

80 10.4 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.206 ng

RT: 10.504 min Scan# 1397

Delta R.T. 0.176 min

Lab File: BF130171.D

Acq: 07 Sep 2022 20:05

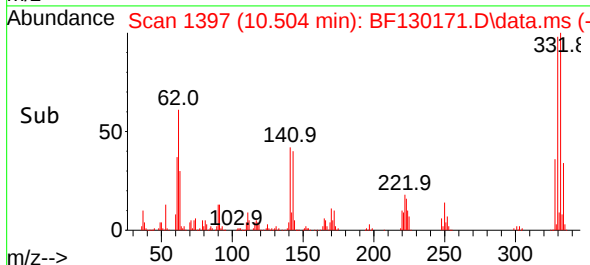
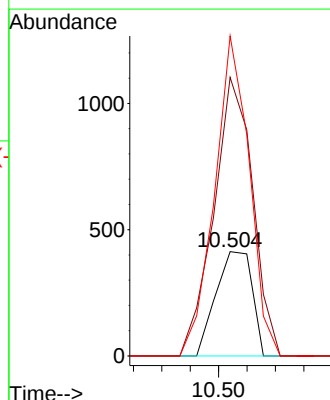
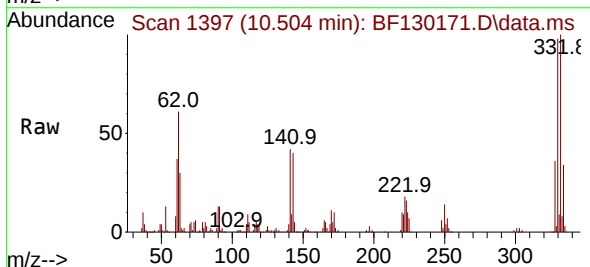
Tgt Ion:198 Resp: 365

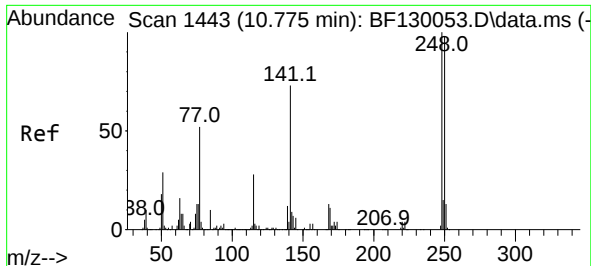
Ion Ratio Lower Upper

198 100

51 267.1 29.4 69.4#

105 306.8 29.2 69.2#

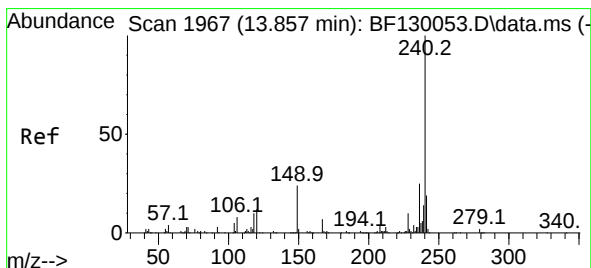
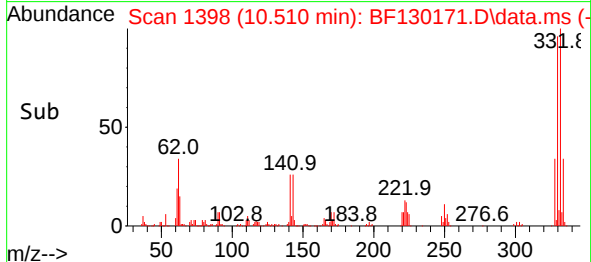
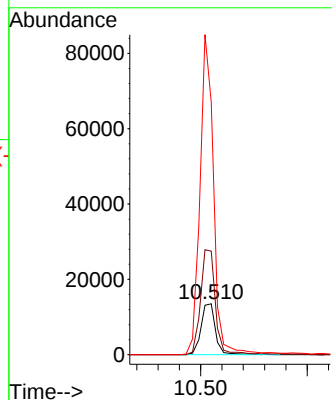
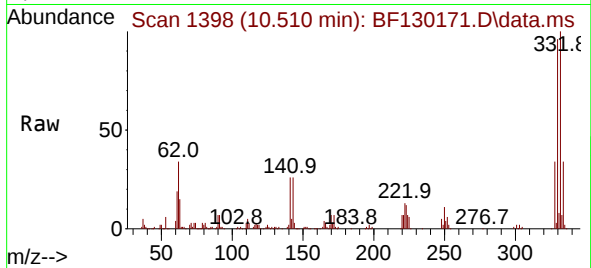




#67
4-Bromophenyl-phenylether
Concen: 2.120 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.253 min
Lab File: BF130171.D
Acq: 07 Sep 2022 20:05

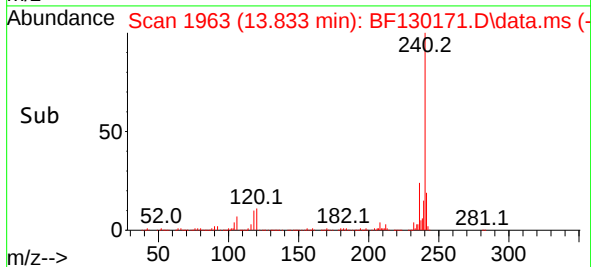
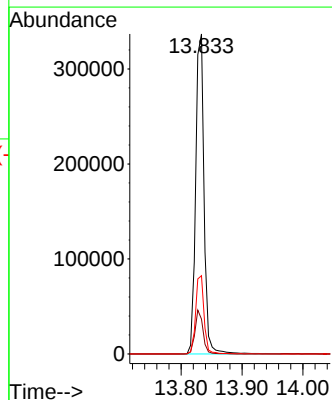
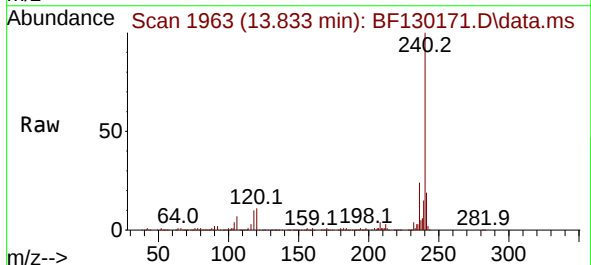
Instrument :
BNA_F
ClientSampleId :
DEACON-WATER-COMP

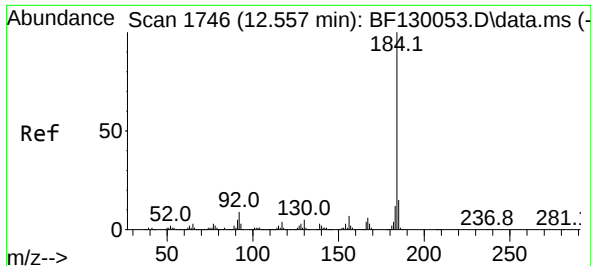
Tgt Ion:248 Resp: 12727
Ion Ratio Lower Upper
248 100
250 203.4 77.8 116.6#
141 495.9 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130171.D
Acq: 07 Sep 2022 20:05

Tgt Ion:240 Resp: 322081
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 24.5 20.7 31.1

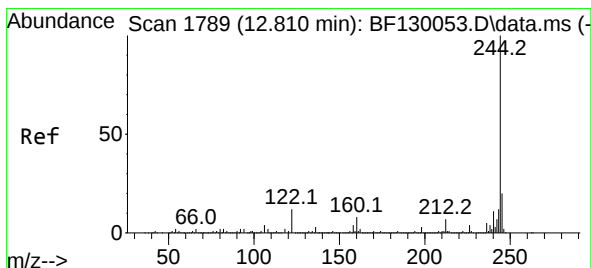
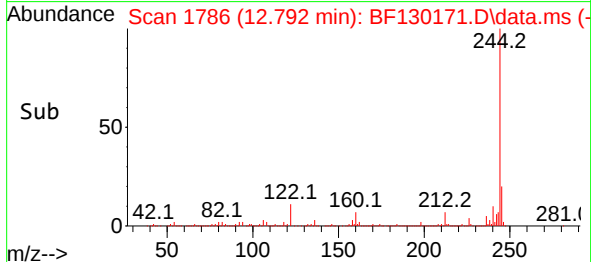
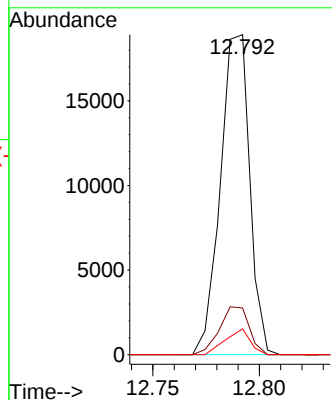
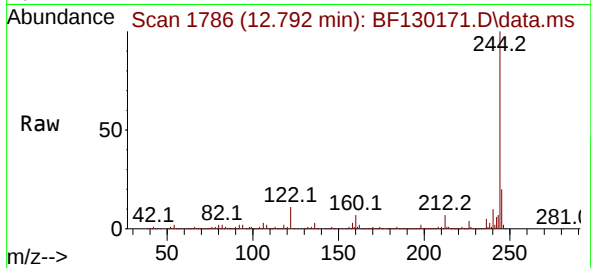




#77
Benzidine
Concen: 2.086 ng
RT: 12.792 min Scan# 1786
Delta R.T. 0.247 min
Lab File: BF130171.D
Acq: 07 Sep 2022 20:05

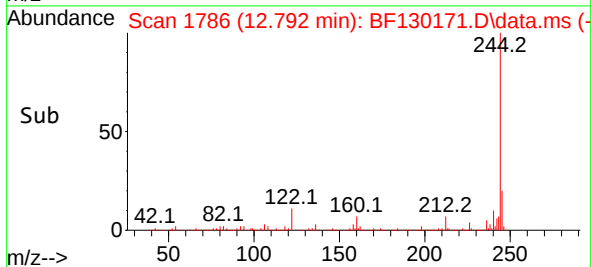
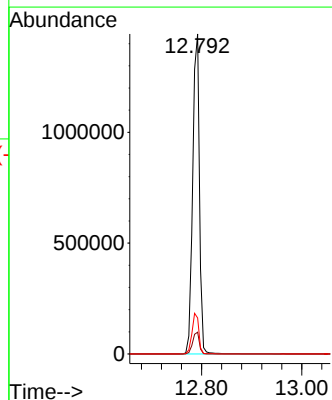
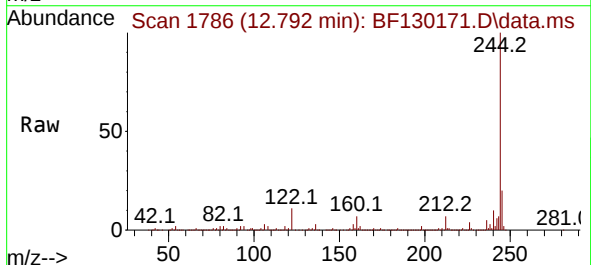
Instrument :
BNA_F
ClientSampleId :
DEACON-WATER-COMP

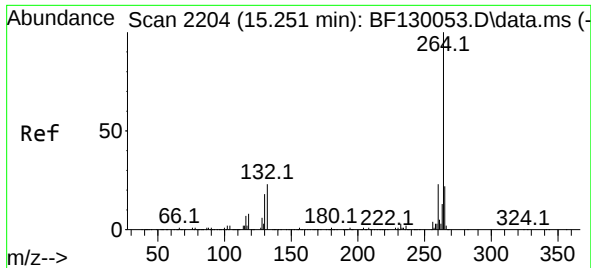
Tgt Ion:184 Resp: 18143
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 8.1 9.4 14.2#



#79
Terphenyl-d14
Concen: 72.347 ng
RT: 12.792 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF130171.D
Acq: 07 Sep 2022 20:05

Tgt Ion:244 Resp: 1343715
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.2 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130171.D
Acq: 07 Sep 2022 20:05

Instrument :
BNA_F
ClientSampleId :
DEACON-WATER-COMP

Tgt Ion:264 Resp: 373366
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 20.7 16.7 25.1

