

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129445.D
 Acq On : 29 Jul 2022 16:58
 Operator : CG\JU
 Sample : N3949-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Jul 30 01:10:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

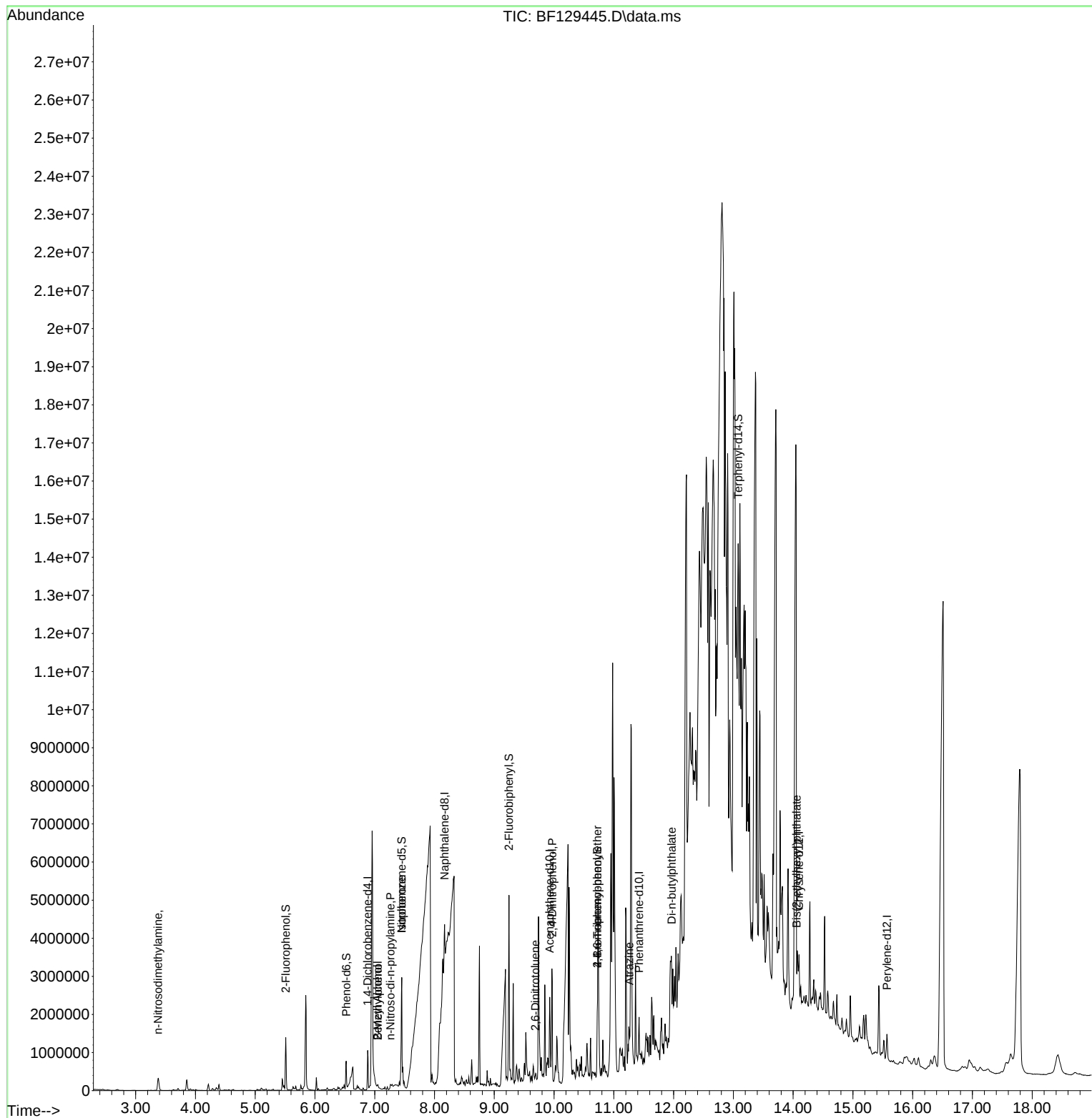
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	142972	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	449132	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	225749	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	355541	20.000	ng	0.00
76) Chrysene-d12	14.098	240	310896	20.000	ng	0.03
86) Perylene-d12	15.568	264	298972	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	369580	42.109	ng	0.01
7) Phenol-d6	6.522	99	264003	23.931	ng	0.00
23) Nitrobenzene-d5	7.451	82	871659	105.944	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	178750	82.358	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1369173	93.823	ng	0.00
79) Terphenyl-d14	13.080	244	1146548	69.575	ng	0.08
Target Compounds					Qvalue	
4) n-Nitrosodimethylamine	3.375	42	16922	3.504	ng	# 1
15) Benzyl Alcohol	7.045	79	29929	3.741	ng	99
17) 2-Methylphenol	7.051	107	16214	2.038	ng	# 24
19) n-Nitroso-di-n-propyla...	7.263	70	15251	2.284	ng	# 62
25) Isophorone	7.451	82	866876	58.779	ng	# 65
51) 2,6-Dinitrotoluene	9.687	165	7890	2.262	ng	# 29
54) 2,4-Dinitrophenol	9.969	184	4894	2.748	ng	# 39
67) 4-Bromophenyl-phenylether	10.722	248	11007	2.827	ng	# 1
69) Atrazine	11.257	200	85622	23.808	ng	# 37
74) Di-n-butylphthalate	11.969	149	44197	2.067	ng	# 87
84) Bis(2-ethylhexyl)phtha...	14.057	149	33111	2.230	ng	# 79

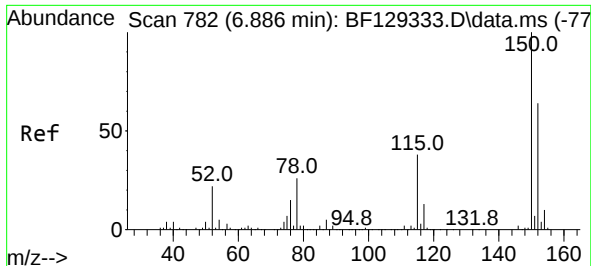
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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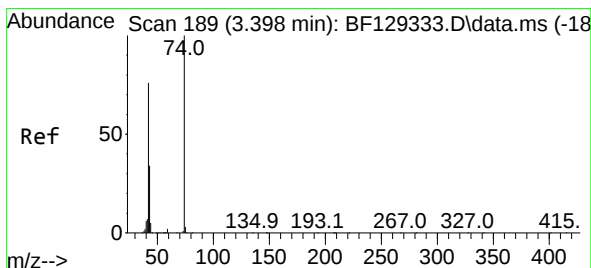
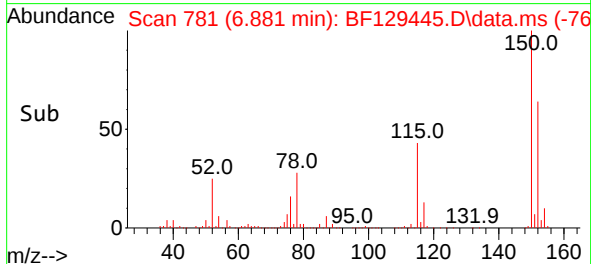
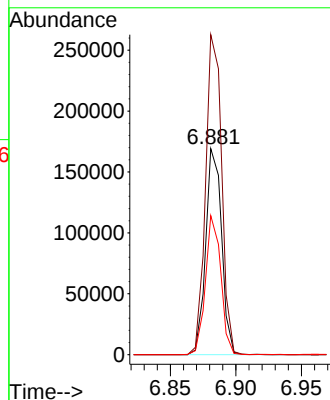
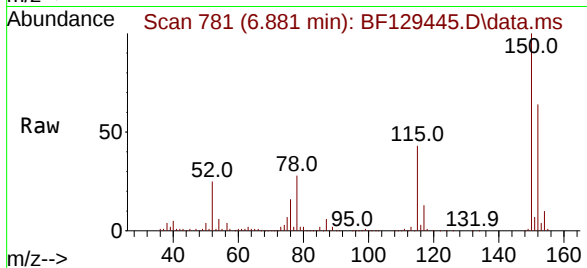




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129445.D
Acq: 29 Jul 2022 16:58

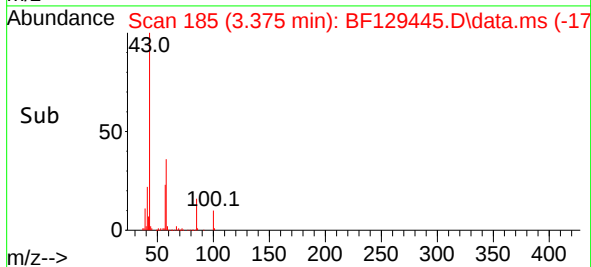
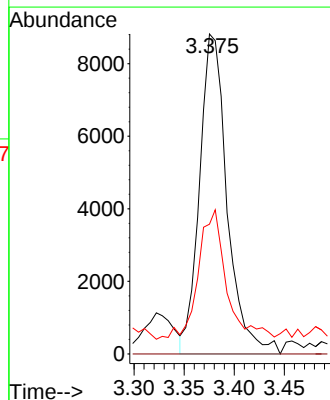
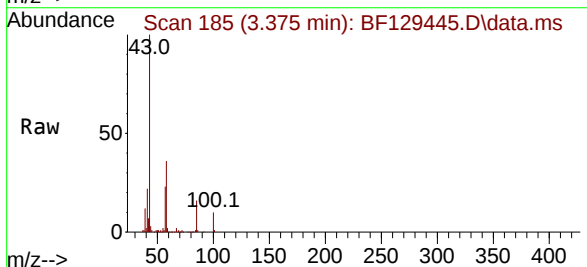
Instrument :
BNA_F
ClientSampleId :
EFF-WW

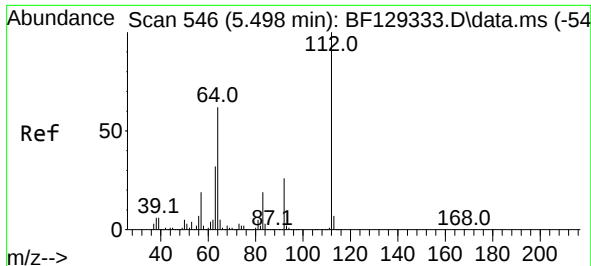
Tgt Ion:152 Resp: 142972
Ion Ratio Lower Upper
152 100
150 155.3 123.7 185.5
115 67.5 49.9 74.9



#4
n-Nitrosodimethylamine
Concen: 3.504 ng
RT: 3.375 min Scan# 185
Delta R.T. -0.023 min
Lab File: BF129445.D
Acq: 29 Jul 2022 16:58

Tgt Ion: 42 Resp: 16922
Ion Ratio Lower Upper
42 100
74 0.0 94.8 142.2#
44 40.6 6.6 10.0#

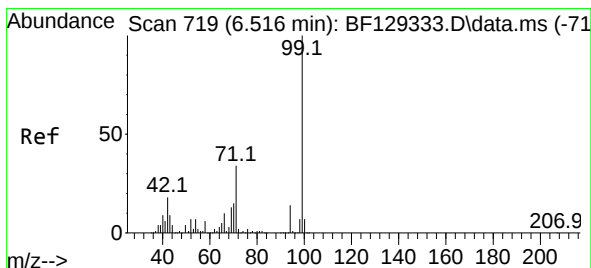
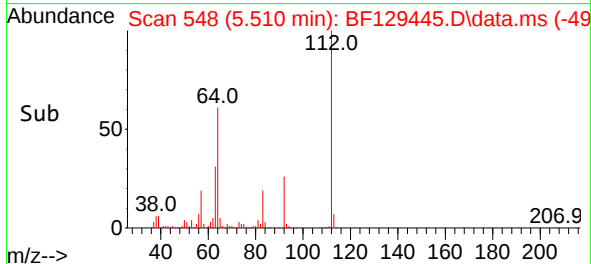
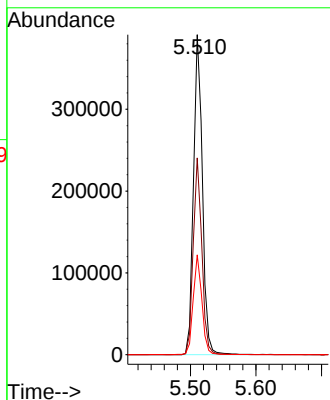
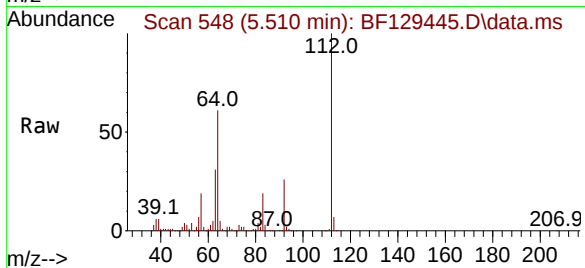




#5
2-Fluorophenol
Concen: 42.109 ng
RT: 5.510 min Scan# 54
Delta R.T. 0.012 min
Lab File: BF129445.D
Acq: 29 Jul 2022 16:58

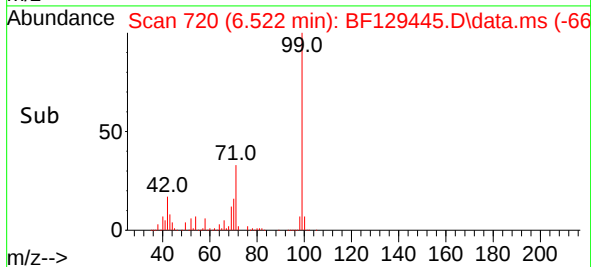
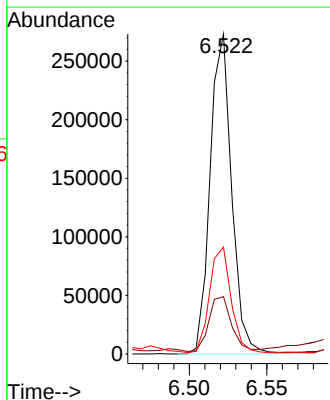
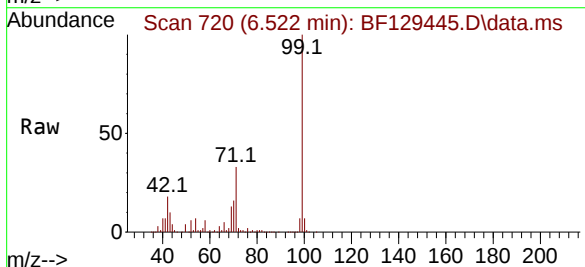
Instrument :
BNA_F
ClientSampleId :
EFF-WW

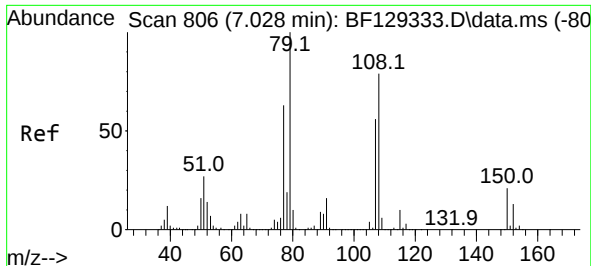
Tgt Ion:112 Resp: 369580
Ion Ratio Lower Upper
112 100
64 61.5 53.3 79.9
63 31.2 28.0 42.0



#7
Phenol-d6
Concen: 23.931 ng
RT: 6.522 min Scan# 720
Delta R.T. 0.006 min
Lab File: BF129445.D
Acq: 29 Jul 2022 16:58

Tgt Ion: 99 Resp: 264003
Ion Ratio Lower Upper
99 100
42 17.9 17.3 25.9
71 33.4 28.9 43.3





#15

Benzyl Alcohol

Concen: 3.741 ng

RT: 7.045 min Scan# 80

Delta R.T. 0.018 min

Lab File: BF129445.D

Acq: 29 Jul 2022 16:58

Instrument :

BNA_F

ClientSampleId :

EFF-WW

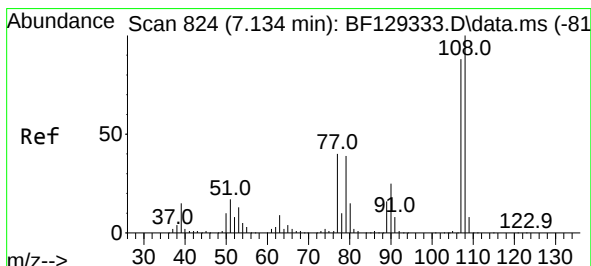
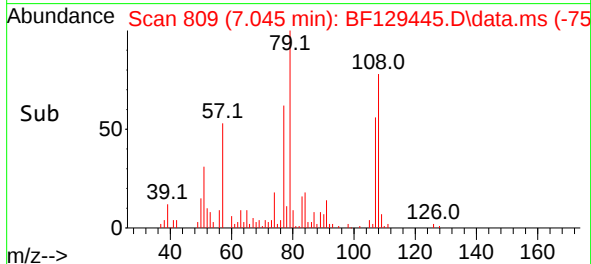
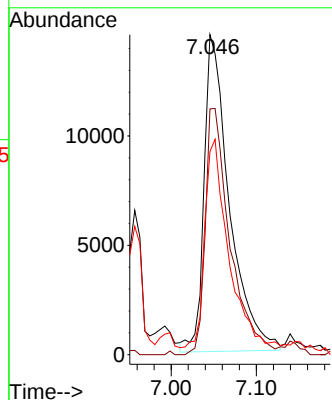
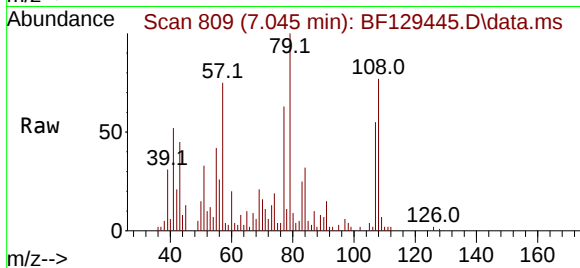
Tgt Ion: 79 Resp: 29929

Ion Ratio Lower Upper

79 100

108 76.8 61.8 92.6

77 63.5 50.2 75.4



#17

2-Methylphenol

Concen: 2.038 ng

RT: 7.051 min Scan# 810

Delta R.T. -0.082 min

Lab File: BF129445.D

Acq: 29 Jul 2022 16:58

Tgt Ion: 107 Resp: 16214

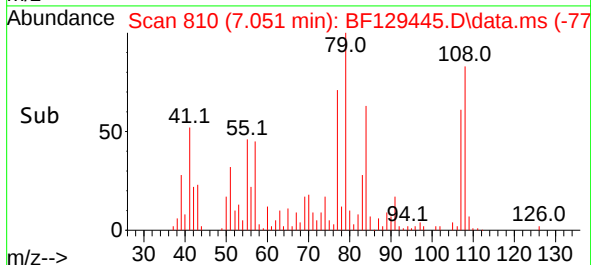
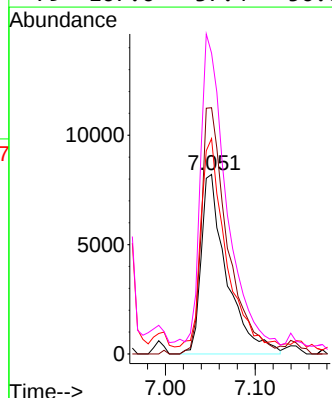
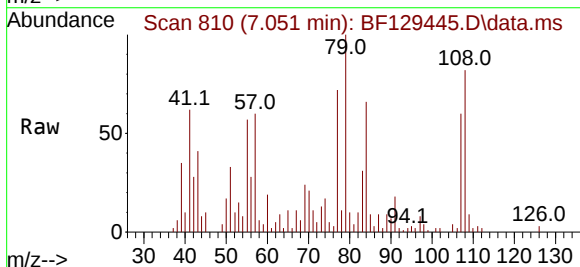
Ion Ratio Lower Upper

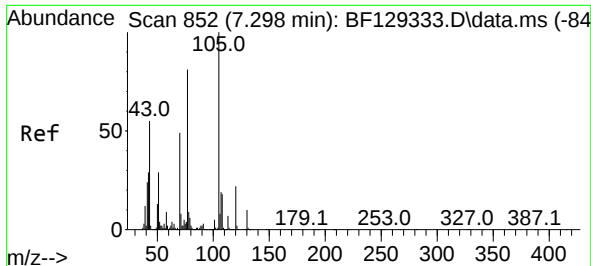
107 100

108 137.2 91.9 137.9

77 120.0 37.8 56.8#

79 167.6 37.4 56.0#

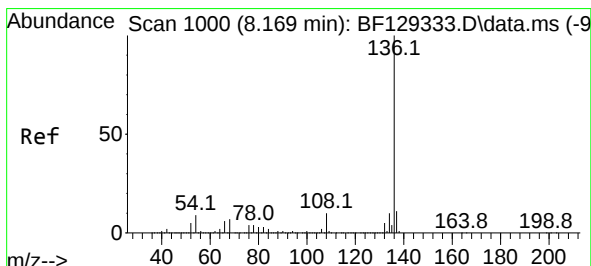
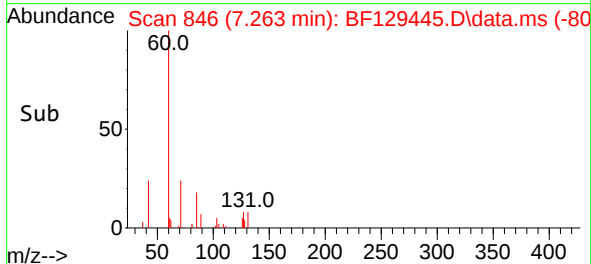
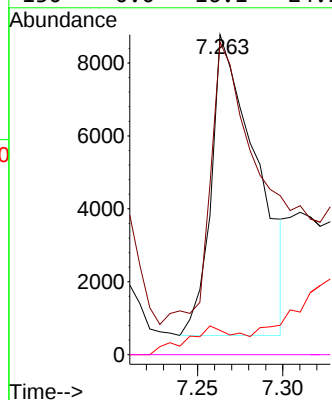
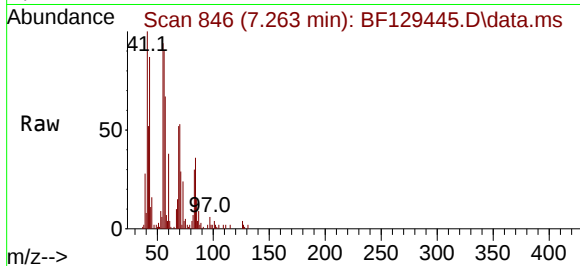




#19
n-Nitroso-di-n-propylamine
Concen: 2.284 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.035 min
Lab File: BF129445.D
Acq: 29 Jul 2022 16:58

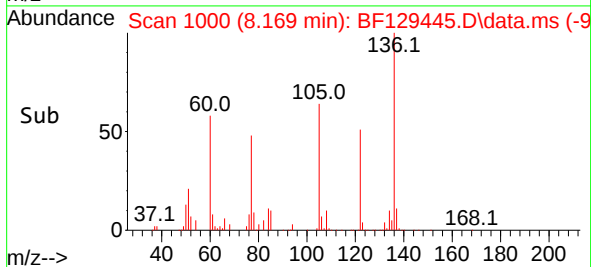
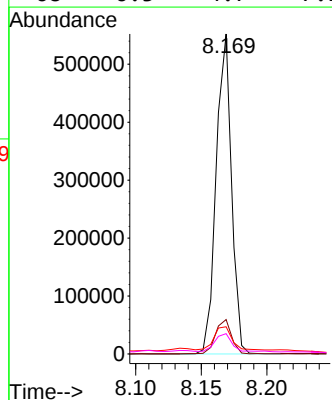
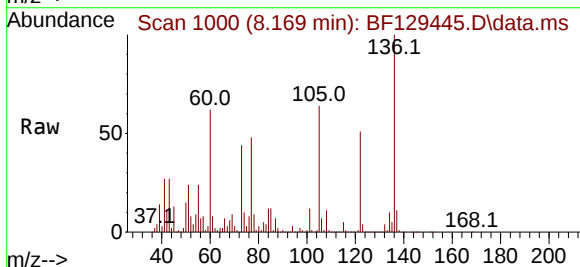
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ClientSampleId :
EFF-WW

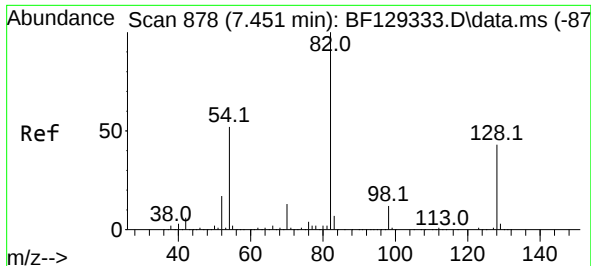
Tgt Ion: 70	Resp: 15251
Ion Ratio	Lower Upper
70	100
42	97.7 52.3 78.5#
101	7.6 7.5 11.3
130	0.0 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129445.D
Acq: 29 Jul 2022 16:58

Tgt Ion: 136	Resp: 449132
Ion Ratio	Lower Upper
136	100
137	10.8 8.8 13.2
54	8.5 7.5 11.3
68	6.3 4.7 7.1

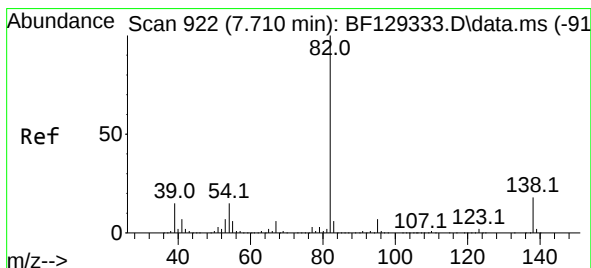
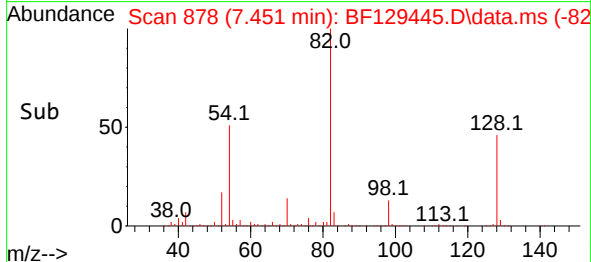
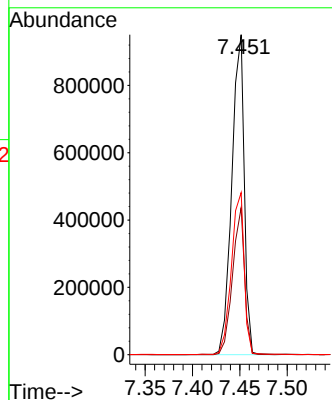
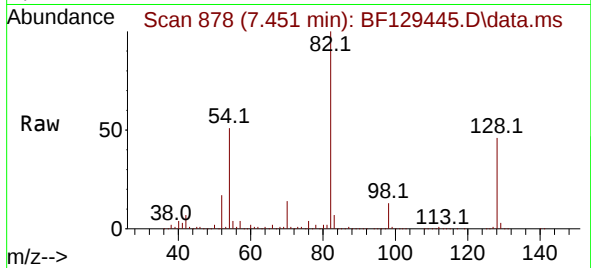




#23
Nitrobenzene-d5
Concen: 105.944 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129445.D
Acq: 29 Jul 2022 16:58

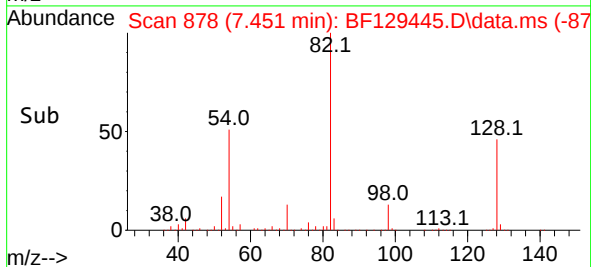
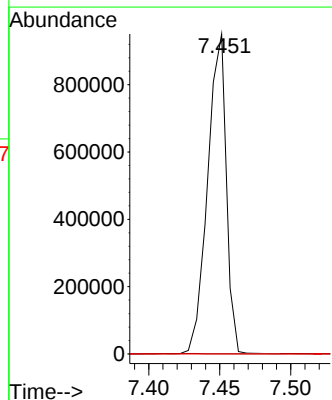
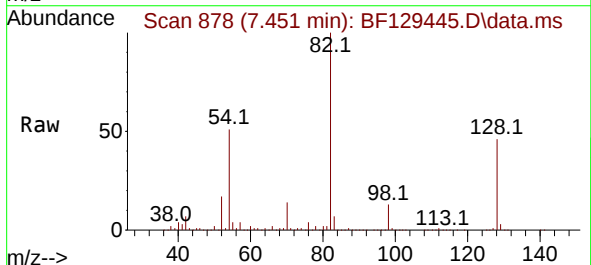
Instrument :
BNA_F
ClientSampleId :
EFF-WW

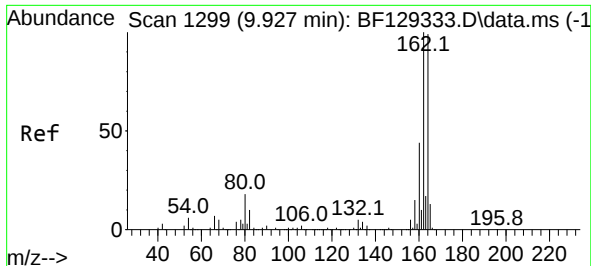
Tgt Ion: 82 Resp: 871659
Ion Ratio Lower Upper
82 100
128 46.0 34.0 51.0
54 50.6 46.9 70.3



#25
Isophorone
Concen: 58.779 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.259 min
Lab File: BF129445.D
Acq: 29 Jul 2022 16:58

Tgt Ion: 82 Resp: 866876
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#

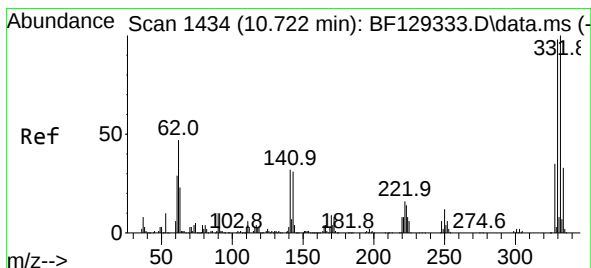
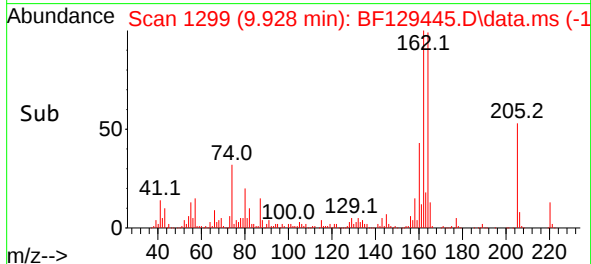
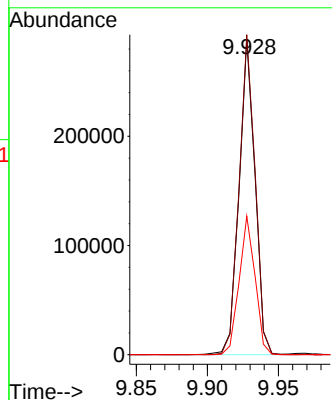
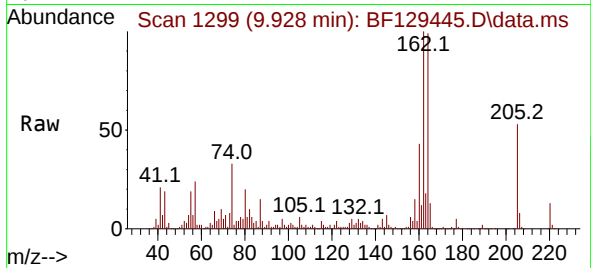




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF129445.D
Acq: 29 Jul 2022 16:58

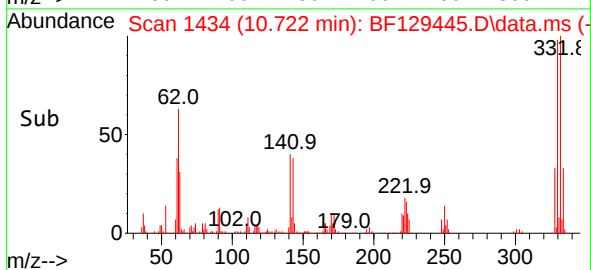
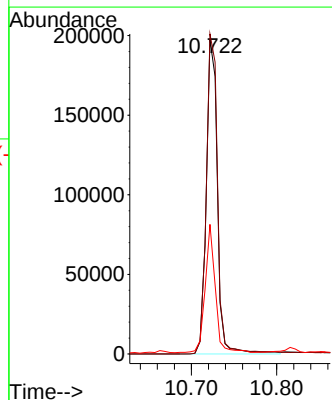
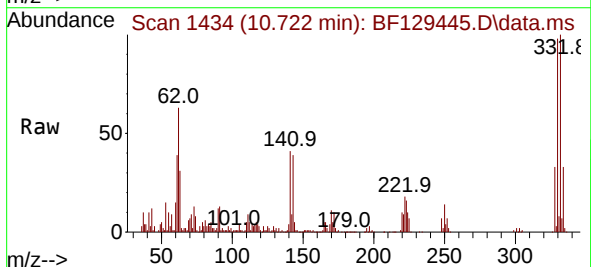
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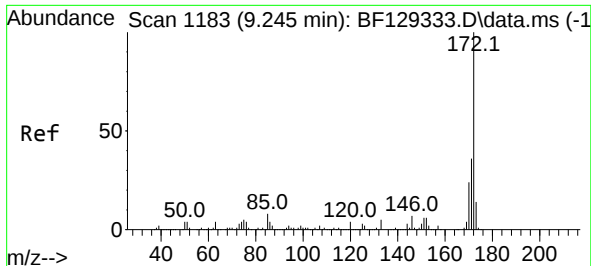
Tgt Ion:164 Resp: 225749
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 43.9 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 82.358 ng
RT: 10.722 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF129445.D
Acq: 29 Jul 2022 16:58

Tgt Ion:330 Resp: 178750
Ion Ratio Lower Upper
330 100
332 103.7 76.8 115.2
141 37.1 28.0 42.0

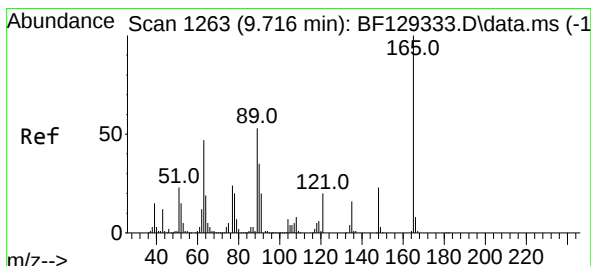
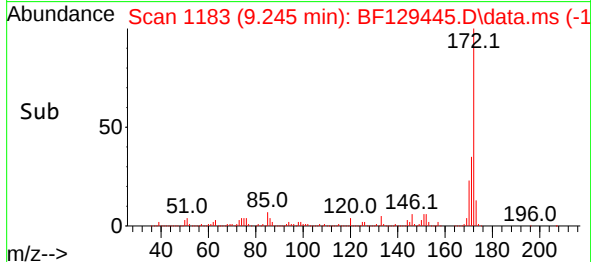
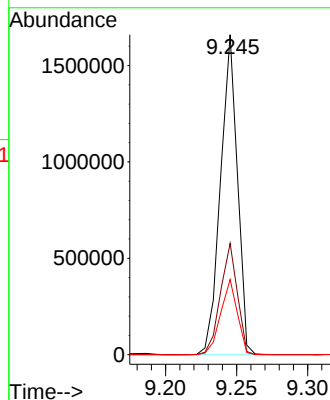
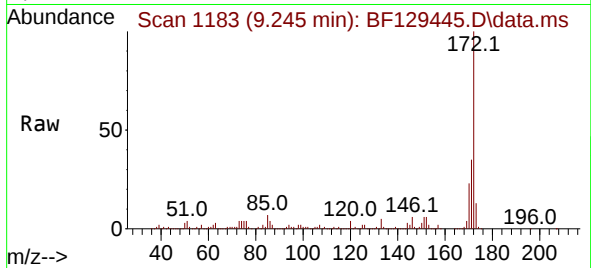




#45
2-Fluorobiphenyl
Concen: 93.823 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129445.D
Acq: 29 Jul 2022 16:58

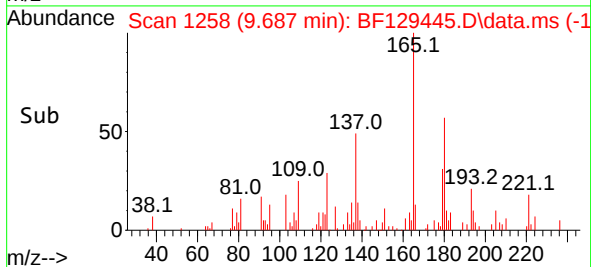
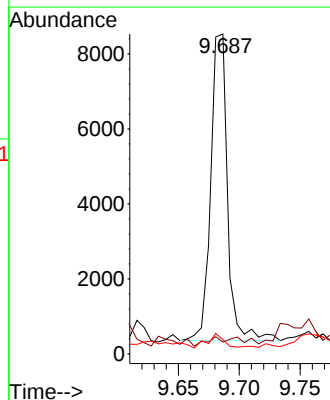
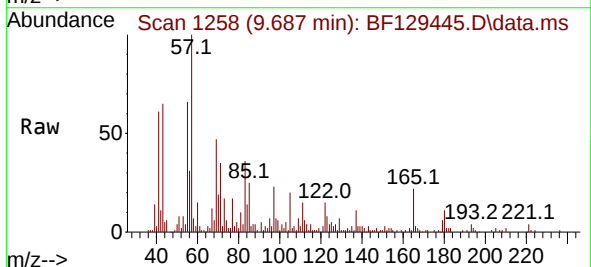
Instrument :
BNA_F
ClientSampleId :
EFF-WW

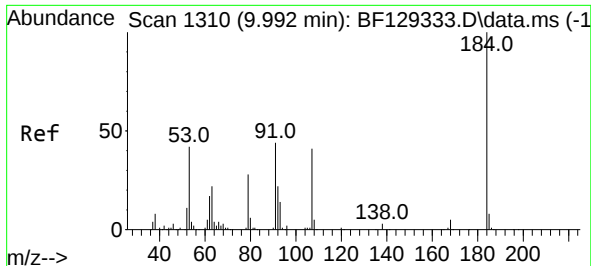
Tgt Ion:172 Resp: 1369173
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.5 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 2.262 ng
RT: 9.687 min Scan# 1258
Delta R.T. -0.029 min
Lab File: BF129445.D
Acq: 29 Jul 2022 16:58

Tgt Ion:165 Resp: 7890
Ion Ratio Lower Upper
165 100
63 3.7 44.9 67.3#
89 4.5 43.6 65.4#

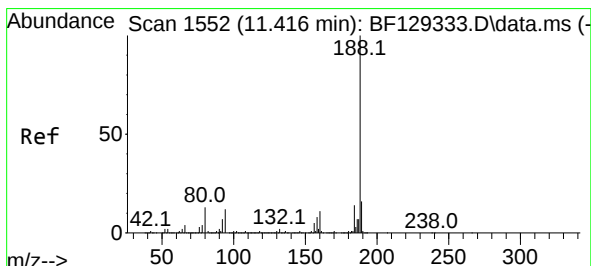
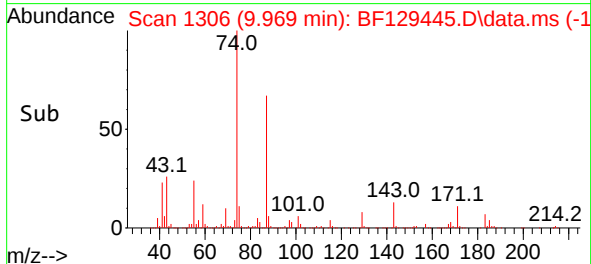
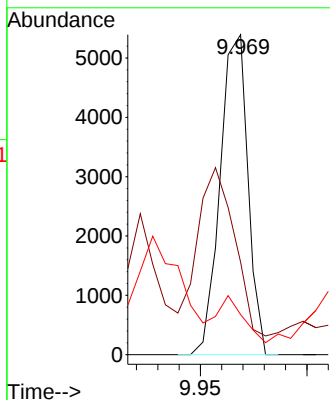
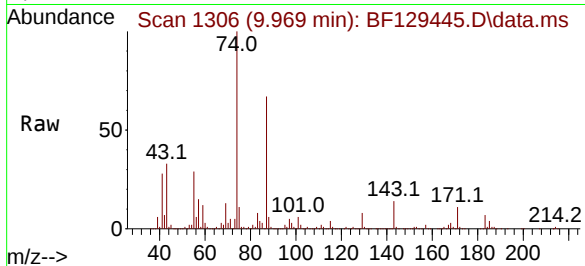




#54
2,4-Dinitrophenol
Concen: 2.748 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF129445.D
Acq: 29 Jul 2022 16:58

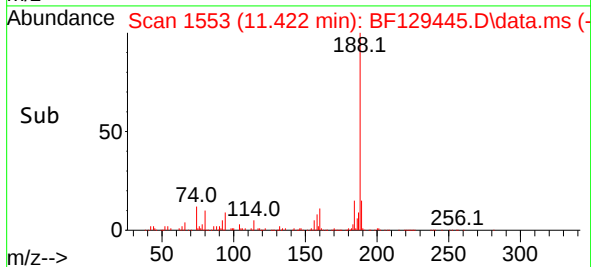
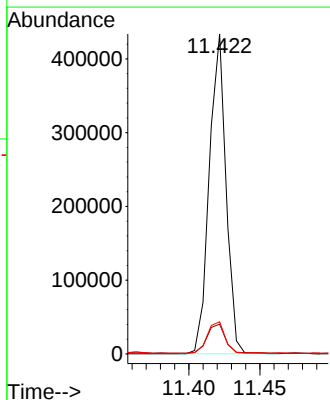
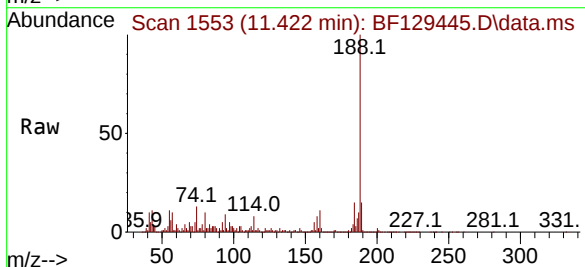
Instrument :
BNA_F
ClientSampleId :
EFF-WW

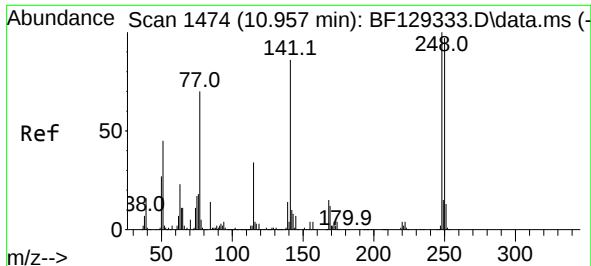
Tgt Ion:184 Resp: 4894
Ion Ratio Lower Upper
184 100
63 28.9 64.5 96.7#
154 12.5 50.6 75.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. 0.006 min
Lab File: BF129445.D
Acq: 29 Jul 2022 16:58

Tgt Ion:188 Resp: 355541
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.1 7.6 11.4

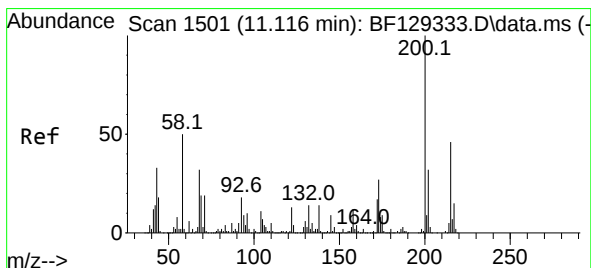
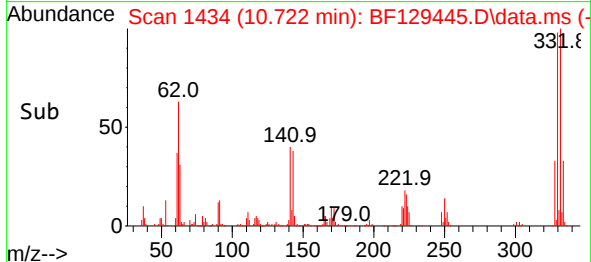
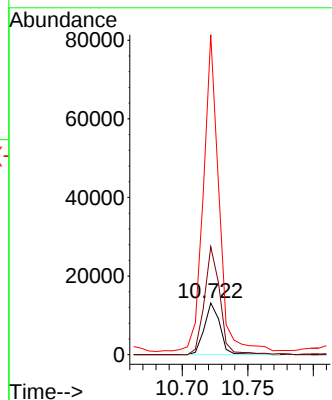
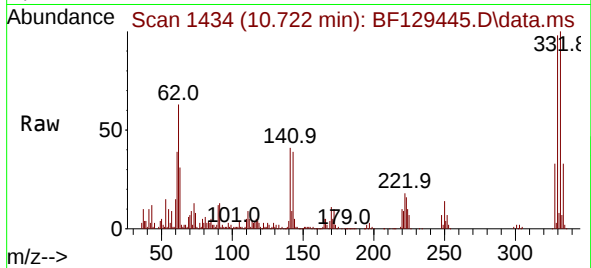




#67
4-Bromophenyl-phenylether
Concen: 2.827 ng
RT: 10.722 min Scan# 1474
Delta R.T. -0.235 min
Lab File: BF129445.D
Acq: 29 Jul 2022 16:58

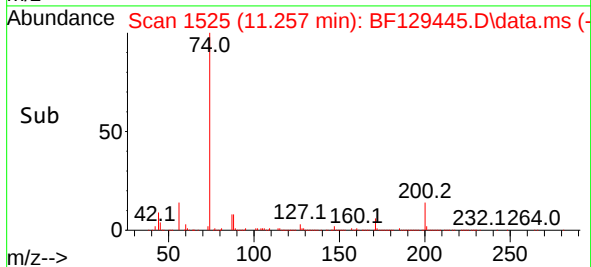
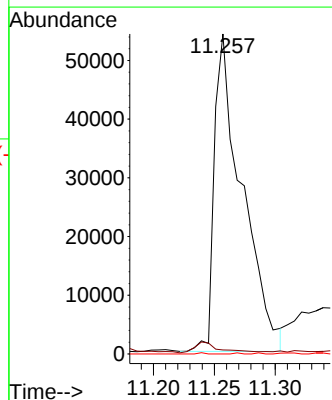
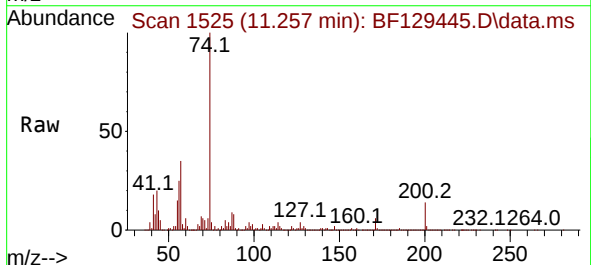
Instrument :
BNA_F
ClientSampleId :
EFF-WW

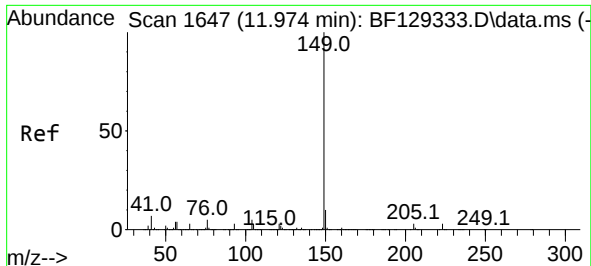
Tgt Ion:248 Resp: 11007
Ion Ratio Lower Upper
248 100
250 209.2 80.6 120.8#
141 619.9 58.9 88.3#



#69
Atrazine
Concen: 23.808 ng
RT: 11.257 min Scan# 1525
Delta R.T. 0.141 min
Lab File: BF129445.D
Acq: 29 Jul 2022 16:58

Tgt Ion:200 Resp: 85622
Ion Ratio Lower Upper
200 100
173 1.3 6.3 46.3#
215 0.0 28.3 68.3#

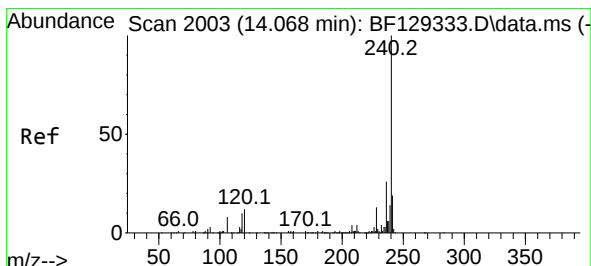
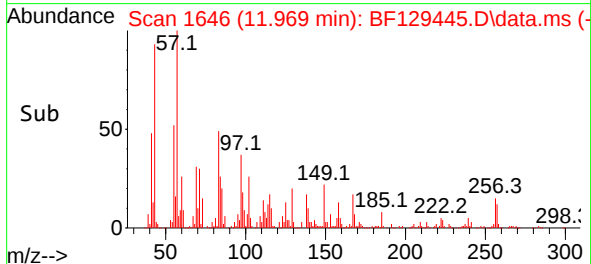
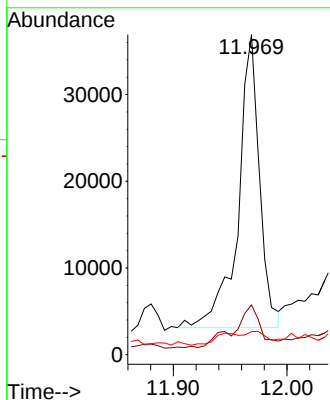
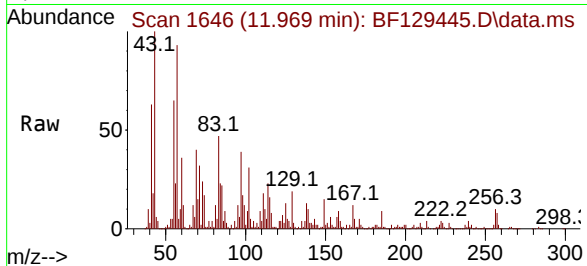




#74
Di-n-butylphthalate
Concen: 2.067 ng
RT: 11.969 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF129445.D
Acq: 29 Jul 2022 16:58

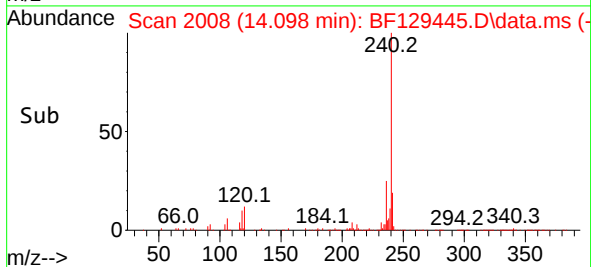
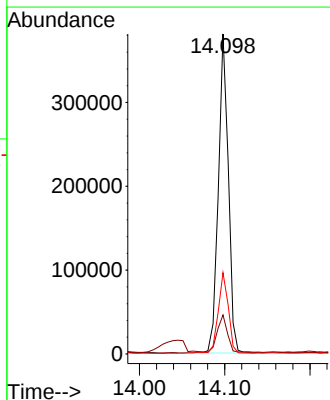
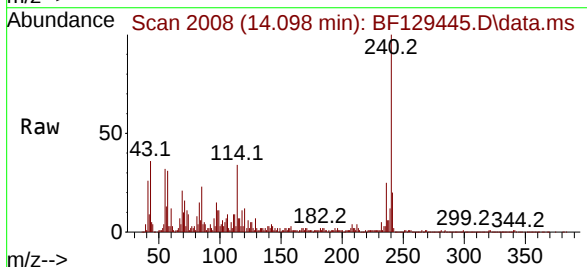
Instrument :
BNA_F
ClientSampleId :
EFF-WW

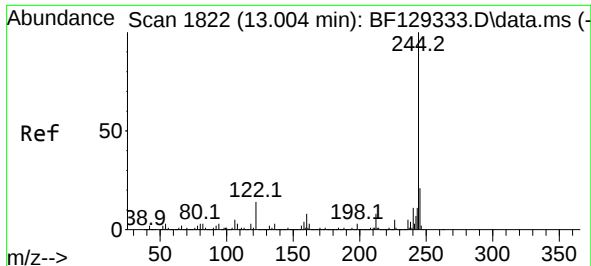
Tgt Ion:149 Resp: 44197
Ion Ratio Lower Upper
149 100
150 15.5 7.5 11.3#
104 7.2 4.4 6.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2008
Delta R.T. 0.030 min
Lab File: BF129445.D
Acq: 29 Jul 2022 16:58

Tgt Ion:240 Resp: 310896
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.4 20.8 31.2

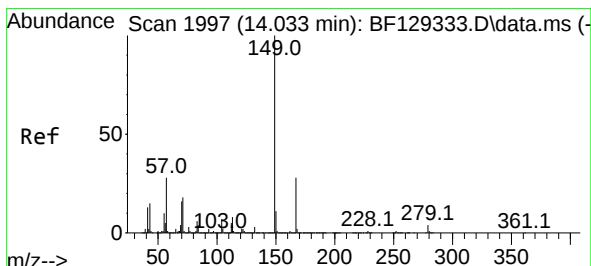
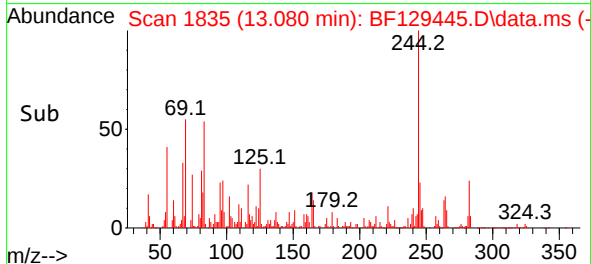
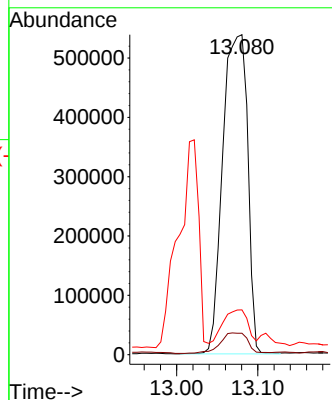
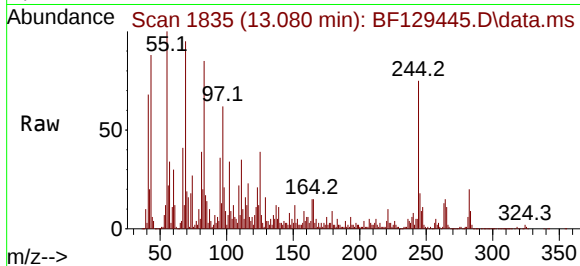




#79
 Terphenyl-d14
 Concen: 69.575 ng
 RT: 13.080 min Scan# 11
 Delta R.T. 0.077 min
 Lab File: BF129445.D
 Acq: 29 Jul 2022 16:58

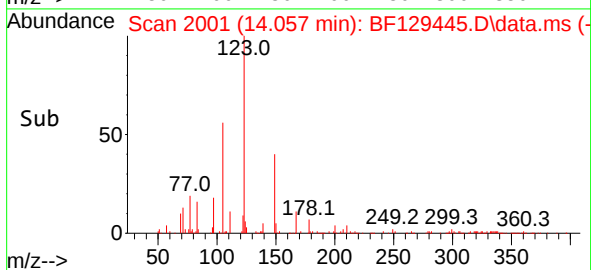
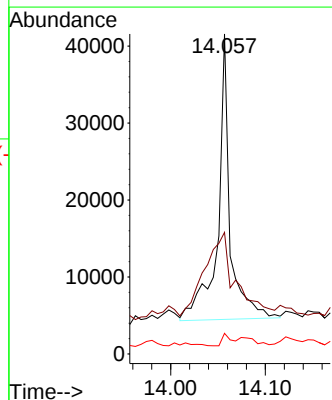
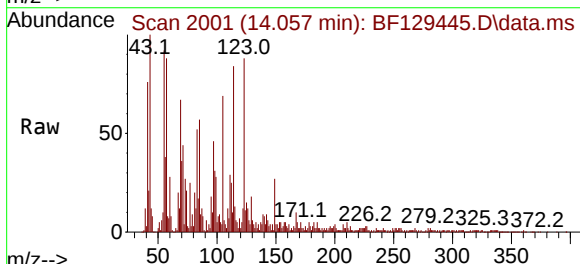
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

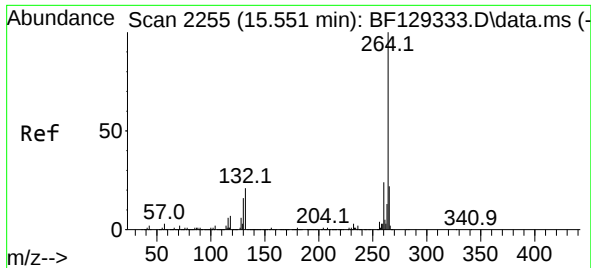
Tgt Ion:244 Resp: 1146548
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 14.0 8.8 13.2#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.230 ng
 RT: 14.057 min Scan# 2001
 Delta R.T. 0.024 min
 Lab File: BF129445.D
 Acq: 29 Jul 2022 16:58

Tgt Ion:149 Resp: 33111
 Ion Ratio Lower Upper
 149 100
 167 38.0 21.0 31.4#
 279 6.5 3.1 4.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF129445.D
 Acq: 29 Jul 2022 16:58

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion:264 Resp: 298972
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 22.6 17.2 25.8

