

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
 Data File : BF129696.D
 Acq On : 10 Aug 2022 15:32
 Operator : CG\JU
 Sample : N4079-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Aug 10 15:51:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 15:26:57 2022
 Response via : Initial Calibration

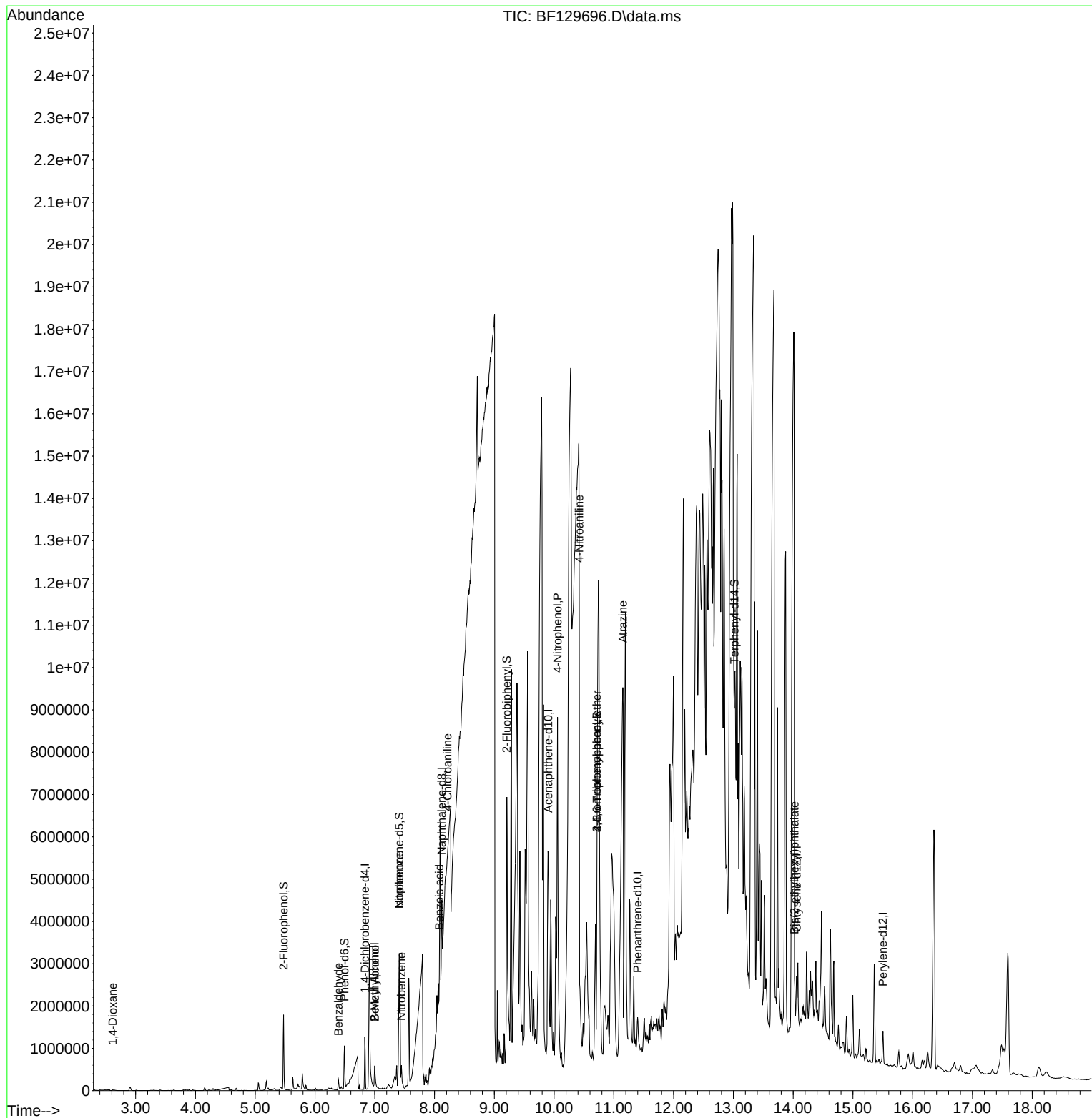
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	174734	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	574986	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	243487	20.000	ng	0.01
64) Phenanthrene-d10	11.398	188	379841	20.000	ng	0.02
76) Chrysene-d12	14.057	240	309286	20.000	ng	0.03
86) Perylene-d12	15.504	264	360574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	460958	42.974	ng	0.00
7) Phenol-d6	6.492	99	353649	26.230	ng	-0.01
23) Nitrobenzene-d5	7.410	82	1004151	95.333	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	204810	87.490	ng	0.03
45) 2-Fluorobiphenyl	9.210	172	1525241	96.903	ng	0.00
79) Terphenyl-d14	13.016	244	1172450	71.517	ng	0.05
Target Compounds						
2) 1,4-Dioxane	2.616	88	9938	2.053	ng	# 72
9) Benzaldehyde	6.392	77	46853	5.117	ng	98
15) Benzyl Alcohol	6.998	79	135818	13.890	ng	100
17) 2-Methylphenol	6.998	107	74196	7.632	ng	# 16
24) Nitrobenzene	7.445	77	44011	4.058	ng	# 41
25) Isophorone	7.410	82	998677	52.894	ng	# 65
32) Benzoic acid	8.081	122	1836272	316.459	ng	99
33) 4-Chloroaniline	8.216	127	24445	2.038	ng	# 1
56) 4-Nitrophenol	10.057	139	26771	8.168	ng	# 64
62) 4-Nitroaniline	10.422	138	541859	122.955	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	13027	3.132	ng	# 1
69) Atrazine	11.151	200	22439	5.840	ng	# 50
84) Bis(2-ethylhexyl)phtha...	14.021	149	30569	2.070	ng	# 58

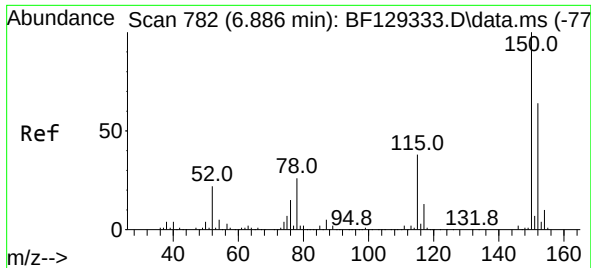
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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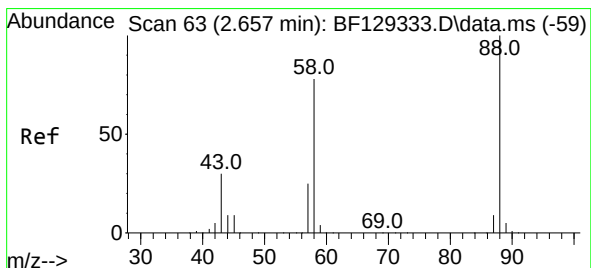
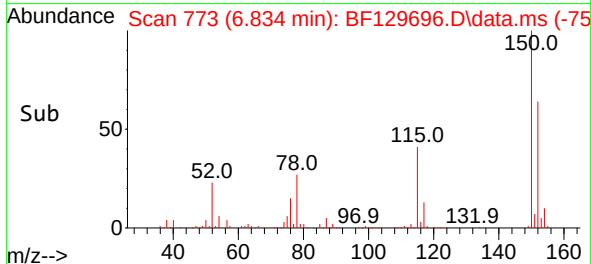
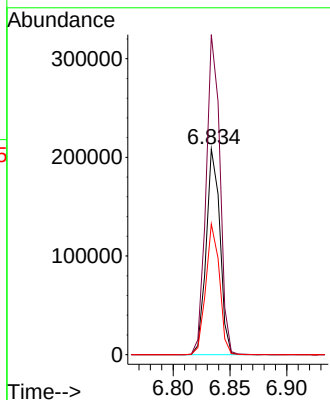
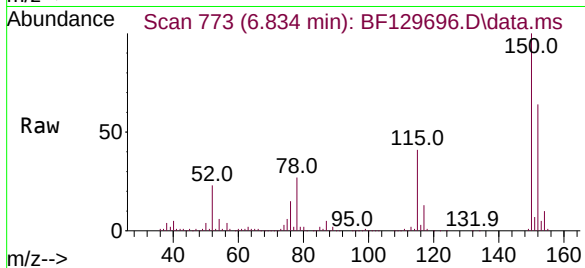




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.017 min
 Lab File: BF129696.D
 Acq: 10 Aug 2022 15:32

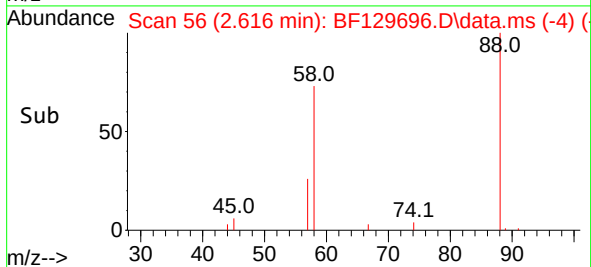
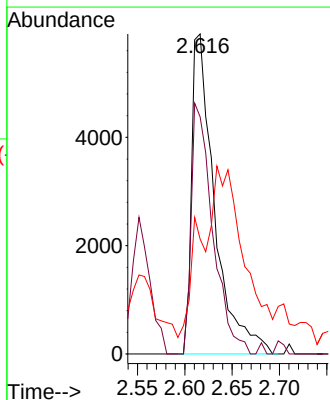
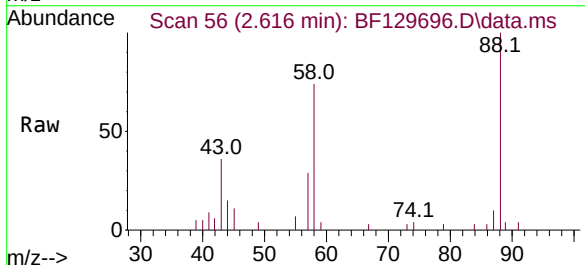
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 ClientSampleId :
 EFF-WW

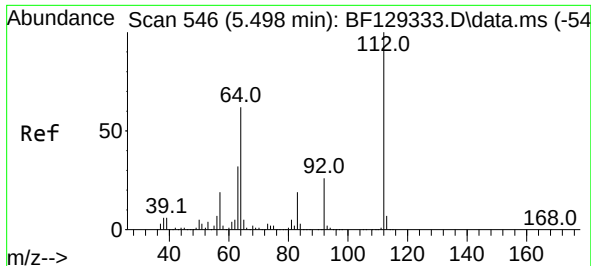
Tgt Ion:152 Resp: 174734
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.7 185.5
 115 63.5 49.9 74.9



#2
 1,4-Dioxane
 Concen: 2.053 ng
 RT: 2.616 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: BF129696.D
 Acq: 10 Aug 2022 15:32

Tgt Ion: 88 Resp: 9938
 Ion Ratio Lower Upper
 88 100
 58 73.5 71.8 107.8
 43 0.0 26.6 39.8#

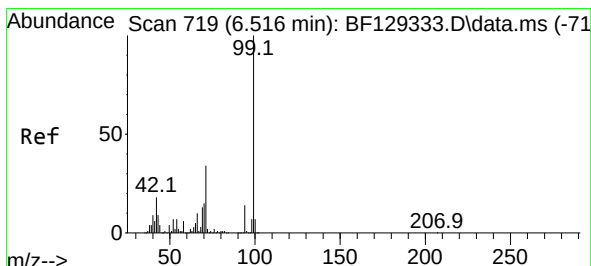
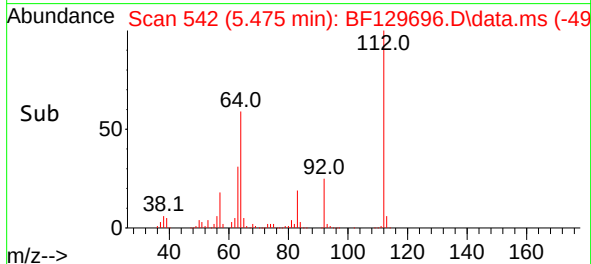
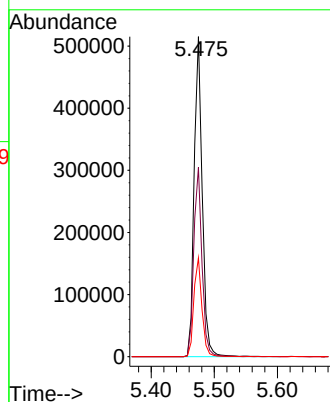
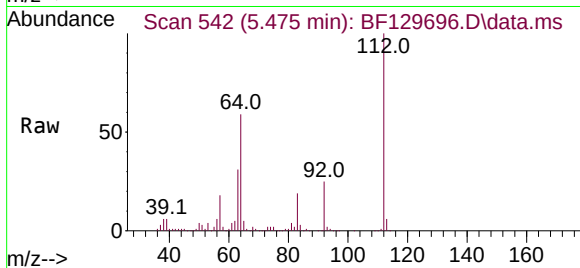




#5
2-Fluorophenol
Concen: 42.974 ng
RT: 5.475 min Scan# 546
Delta R.T. -0.006 min
Lab File: BF129696.D
Acq: 10 Aug 2022 15:32

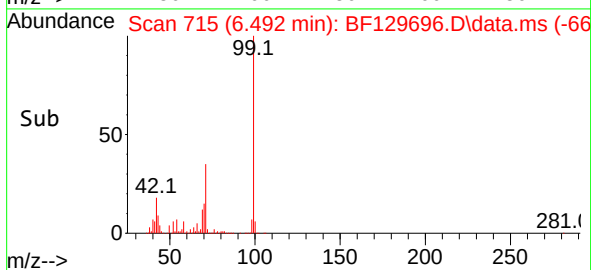
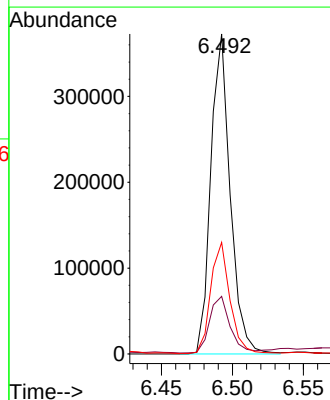
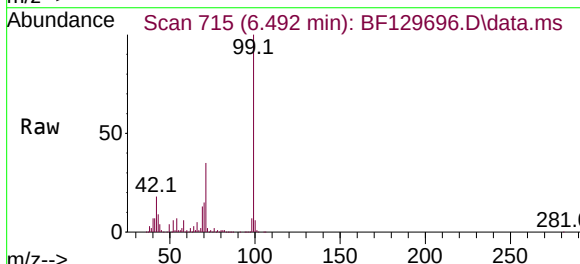
Instrument :
BNA_F
ClientSampleId :
EFF-WW

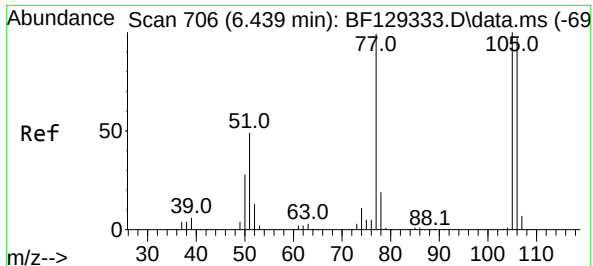
Tgt Ion:112 Resp: 460958
Ion Ratio Lower Upper
112 100
64 59.2 53.3 79.9
63 30.9 28.0 42.0



#7
Phenol-d6
Concen: 26.230 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.012 min
Lab File: BF129696.D
Acq: 10 Aug 2022 15:32

Tgt Ion: 99 Resp: 353649
Ion Ratio Lower Upper
99 100
42 18.0 17.3 25.9
71 34.8 28.9 43.3

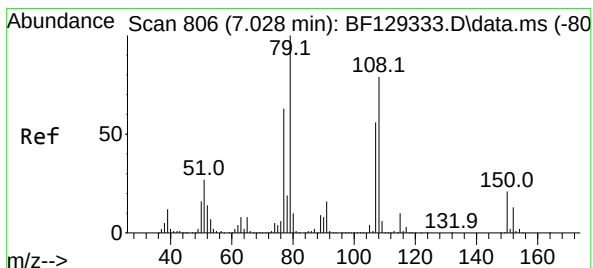
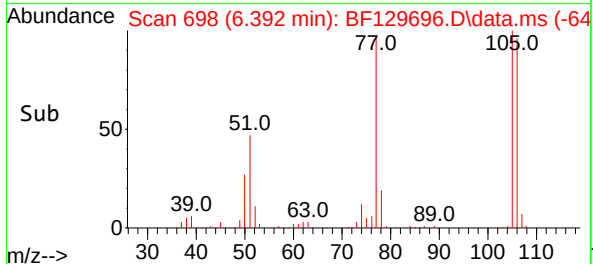
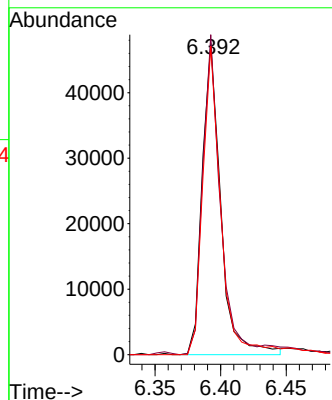
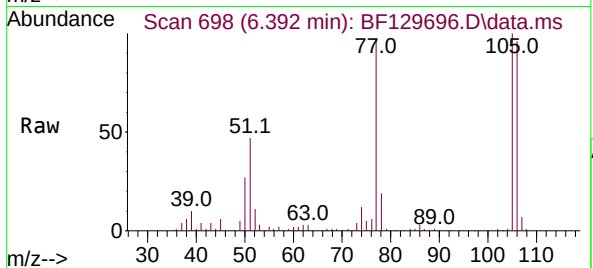




#9
Benzaldehyde
Concen: 5.117 ng
RT: 6.392 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF129696.D
Acq: 10 Aug 2022 15:32

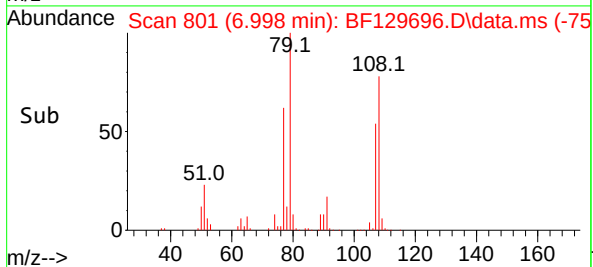
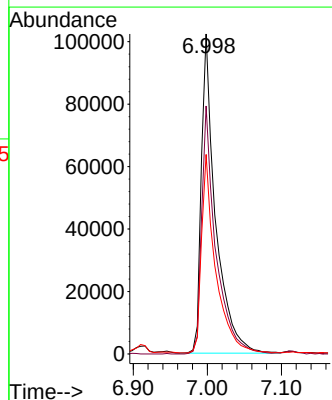
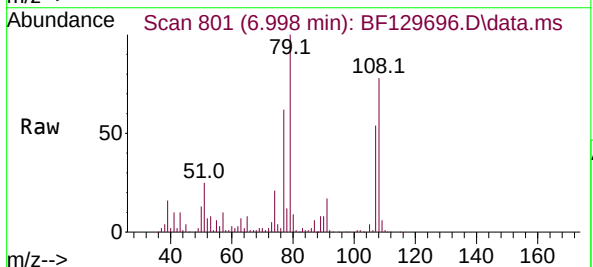
Instrument :
BNA_F
ClientSampleId :
EFF-WW

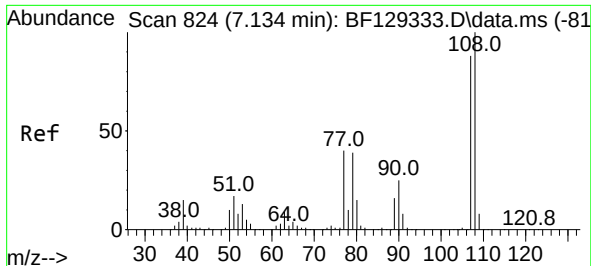
Tgt Ion: 77 Resp: 46853
Ion Ratio Lower Upper
77 100
105 102.8 81.6 121.6
106 99.1 76.1 116.1



#15
Benzyl Alcohol
Concen: 13.890 ng
RT: 6.998 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF129696.D
Acq: 10 Aug 2022 15:32

Tgt Ion: 79 Resp: 135818
Ion Ratio Lower Upper
79 100
108 77.5 61.8 92.6
77 62.3 50.2 75.4

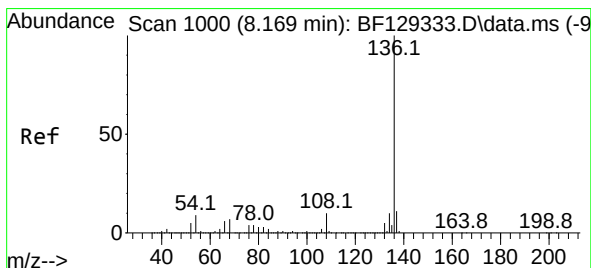
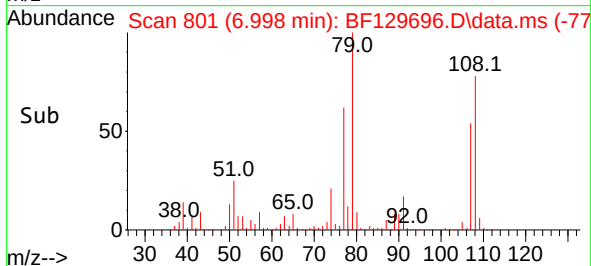
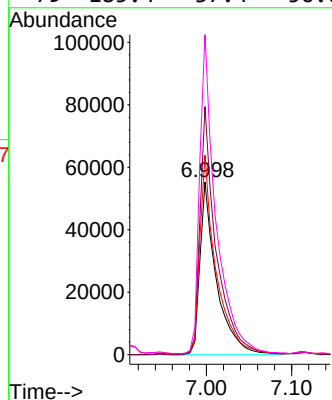
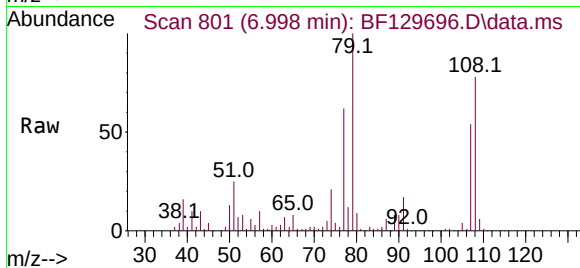




#17
2-Methylphenol
Concen: 7.632 ng
RT: 6.998 min Scan# 801
Delta R.T. -0.118 min
Lab File: BF129696.D
Acq: 10 Aug 2022 15:32

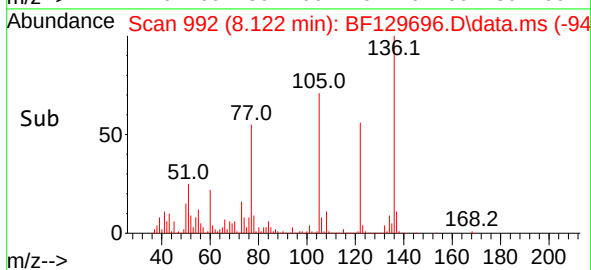
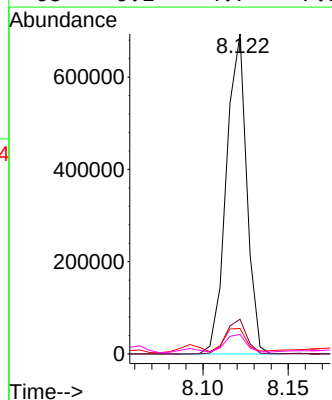
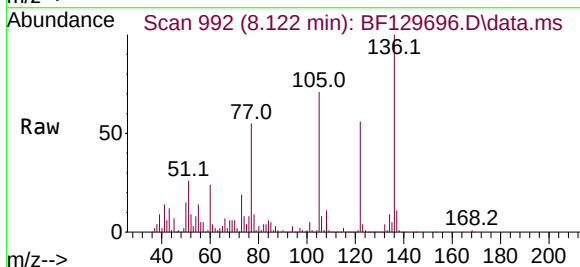
Instrument :
BNA_F
ClientSampleId :
EFF-WW

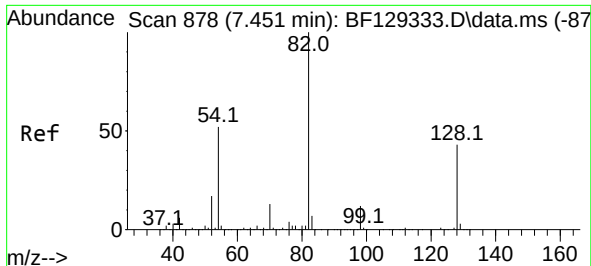
Tgt Ion:	107	Resp:	74196
Ion	Ratio	Lower	Upper
107	100		
108	143.7	91.9	137.9#
77	115.6	37.8	56.8#
79	185.4	37.4	56.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129696.D
Acq: 10 Aug 2022 15:32

Tgt Ion:	136	Resp:	574986
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	7.5	11.3
68	6.1	4.7	7.1

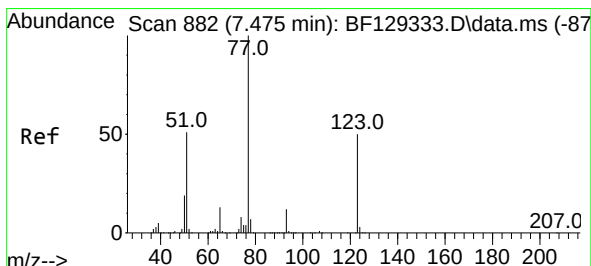
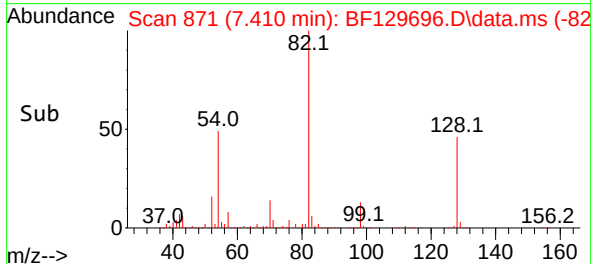
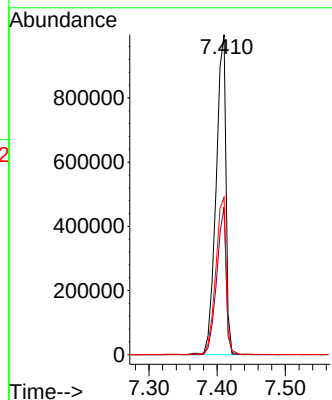
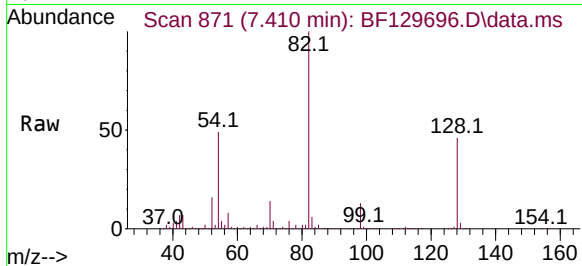




#23
Nitrobenzene-d5
Concen: 95.333 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129696.D
Acq: 10 Aug 2022 15:32

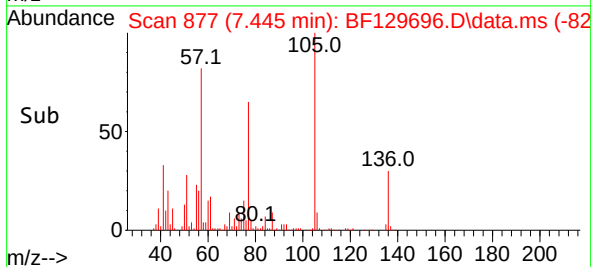
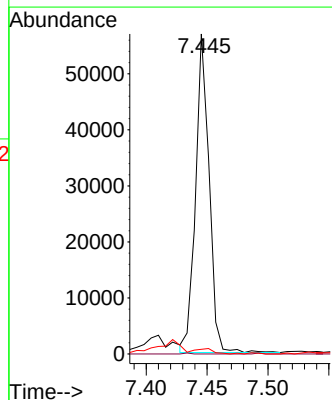
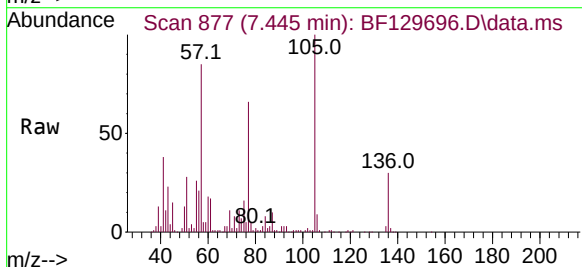
Instrument :
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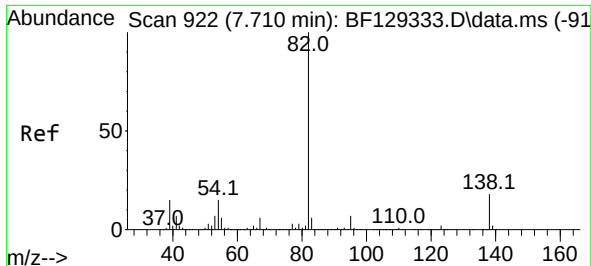
Tgt Ion: 82 Resp: 1004151
Ion Ratio Lower Upper
82 100
128 46.1 34.0 51.0
54 49.2 46.9 70.3



#24
Nitrobenzene
Concen: 4.058 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.006 min
Lab File: BF129696.D
Acq: 10 Aug 2022 15:32

Tgt Ion: 77 Resp: 44011
Ion Ratio Lower Upper
77 100
123 0.0 35.4 53.2#
65 1.5 11.8 17.8#

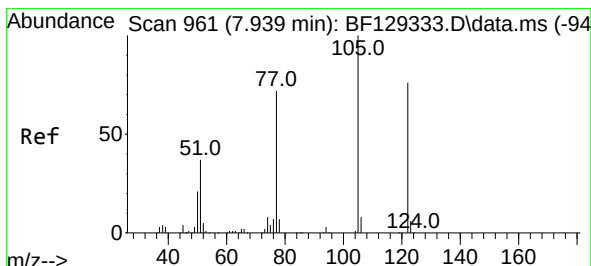
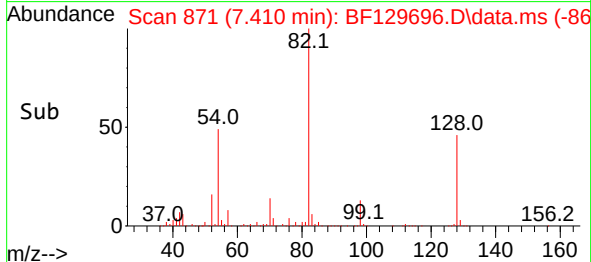
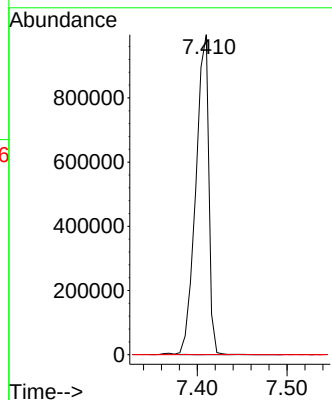
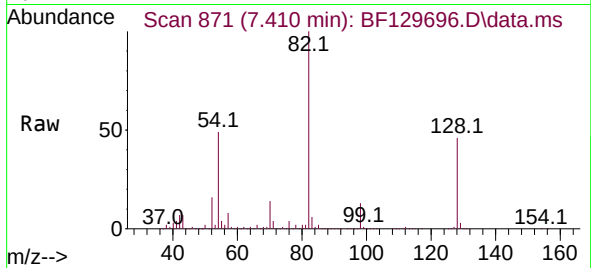




#25
Isophorone
Concen: 52.894 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129696.D
Acq: 10 Aug 2022 15:32

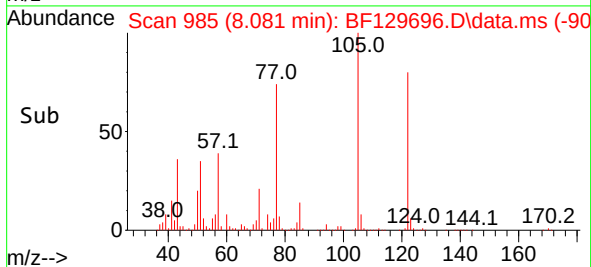
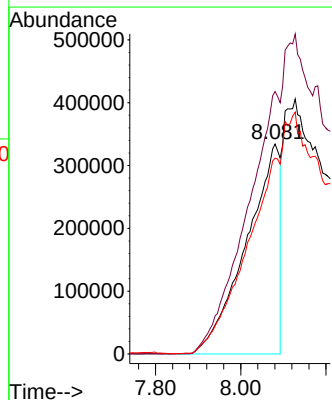
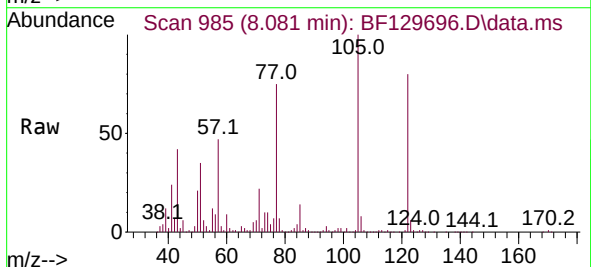
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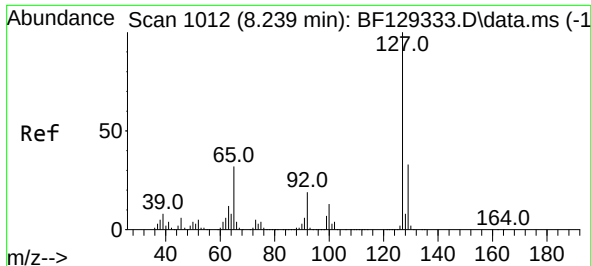
Tgt Ion: 82 Resp: 998677
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#32
Benzoic acid
Concen: 316.459 ng
RT: 8.081 min Scan# 985
Delta R.T. 0.147 min
Lab File: BF129696.D
Acq: 10 Aug 2022 15:32

Tgt Ion: 122 Resp: 1836272
Ion Ratio Lower Upper
122 100
105 125.0 107.1 147.1
77 93.3 74.2 114.2

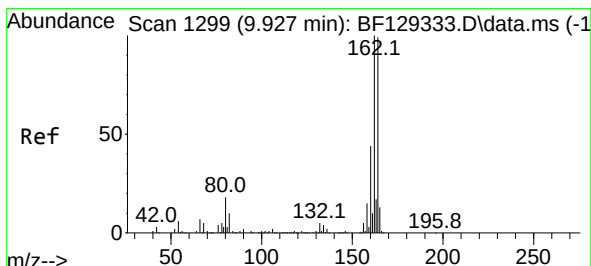
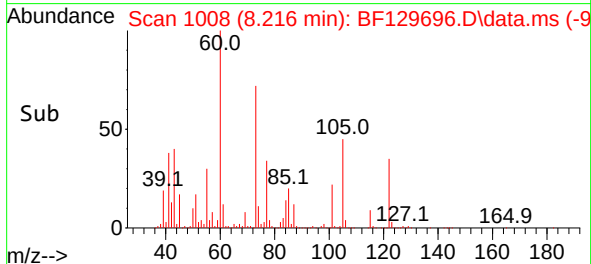
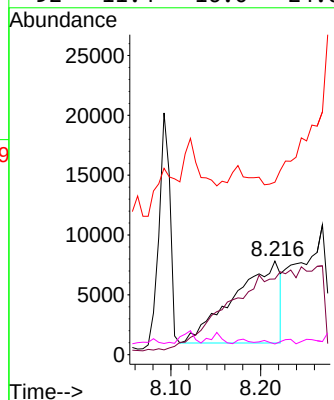
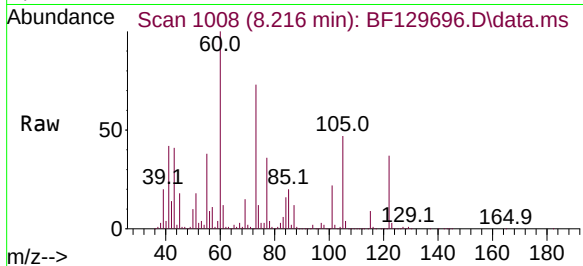




#33
4-Chloroaniline
Concen: 2.038 ng
RT: 8.216 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BF129696.D
Acq: 10 Aug 2022 15:32

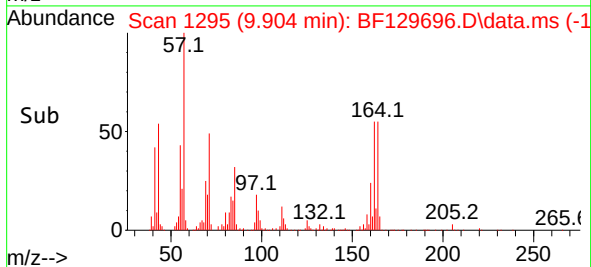
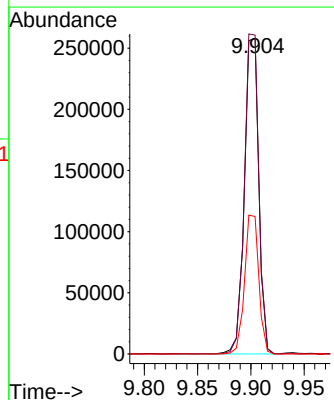
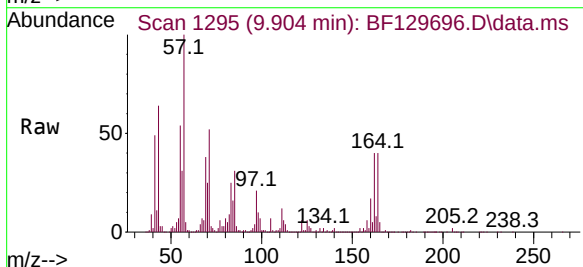
Instrument :
BNA_F
ClientSampleId :
EFF-WW

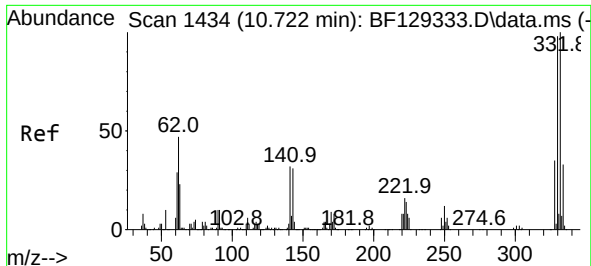
Tgt Ion:127	Resp:	24445
Ion Ratio	Lower	Upper
127	100	
129	80.8	26.4 39.6#
65	184.4	26.4 39.6#
92	11.4	16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.012 min
Lab File: BF129696.D
Acq: 10 Aug 2022 15:32

Tgt Ion:164	Resp:	243487
Ion Ratio	Lower	Upper
164	100	
162	101.0	79.5 119.3
160	43.6	34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 87.490 ng

RT: 10.716 min Scan# 1434

Delta R.T. 0.029 min

Lab File: BF129696.D

Acq: 10 Aug 2022 15:32

Instrument :

BNA_F

ClientSampleId :

EFF-WW

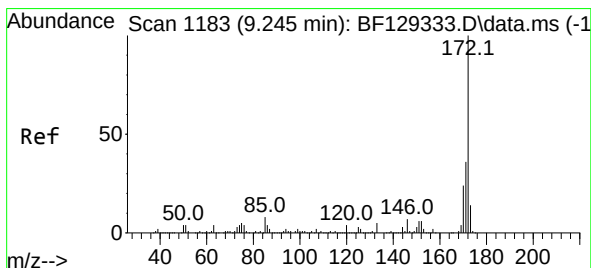
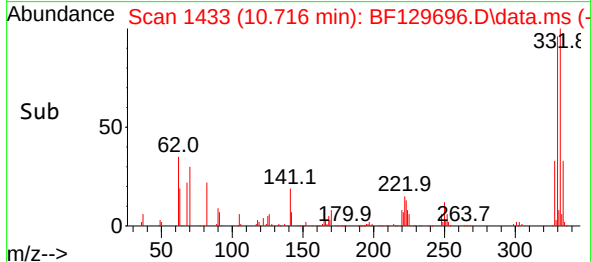
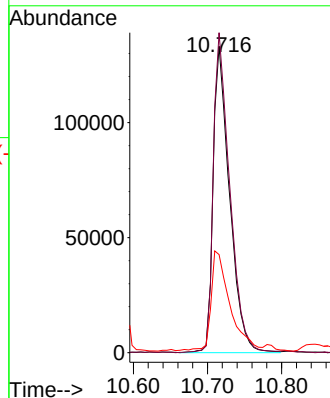
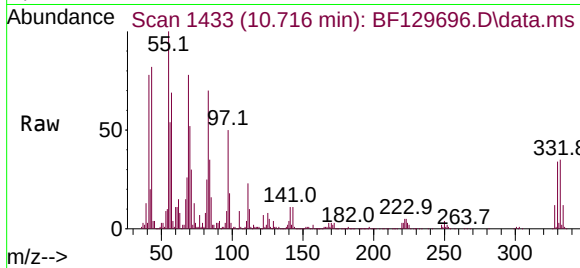
Tgt Ion:330 Resp: 204810

Ion Ratio Lower Upper

330 100

332 105.1 76.8 115.2

141 37.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 96.903 ng

RT: 9.210 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF129696.D

Acq: 10 Aug 2022 15:32

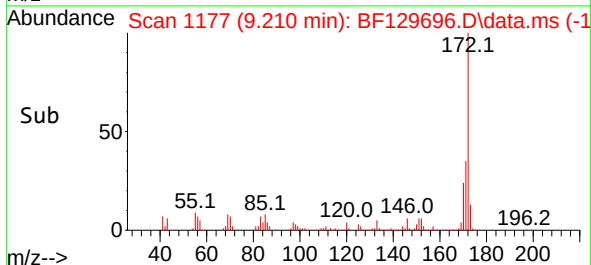
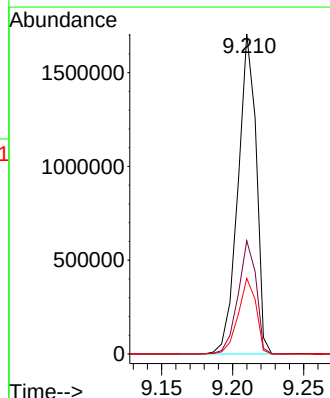
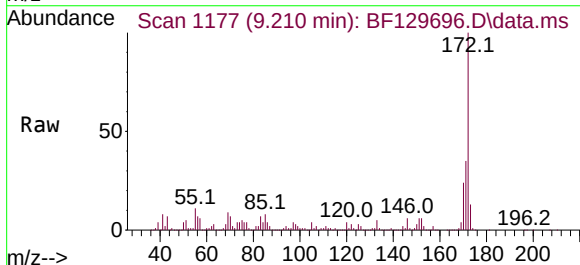
Tgt Ion:172 Resp: 1525241

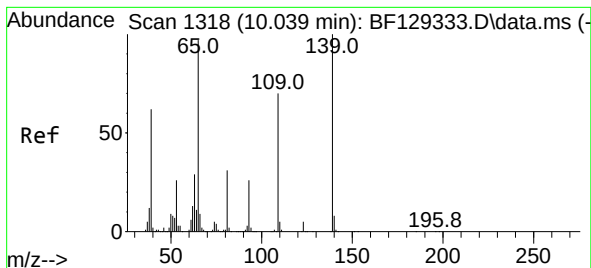
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.7 19.8 29.8

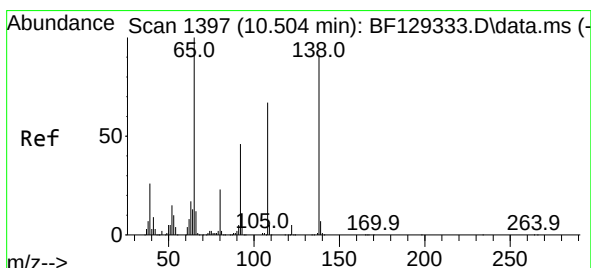
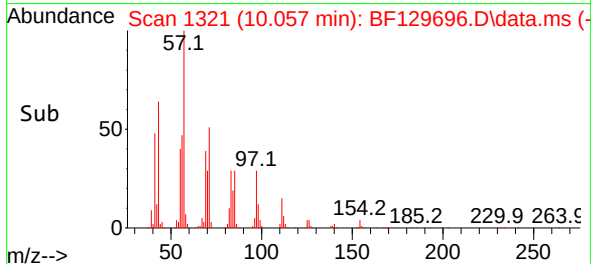
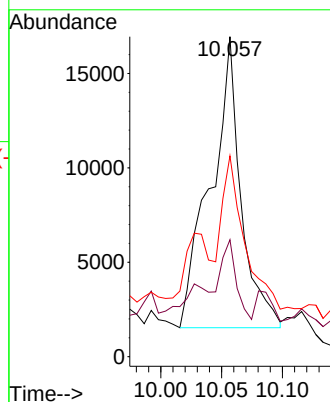
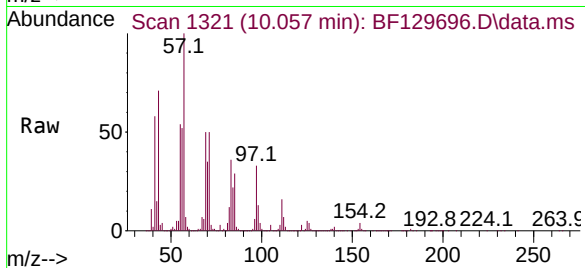




#56
4-Nitrophenol
Concen: 8.168 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.023 min
Lab File: BF129696.D
Acq: 10 Aug 2022 15:32

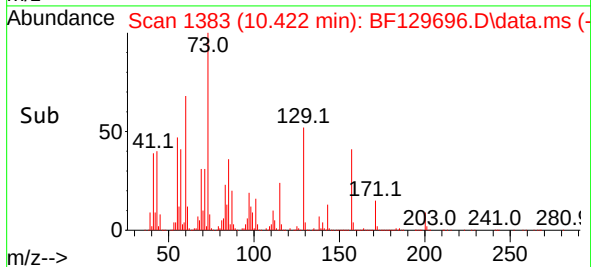
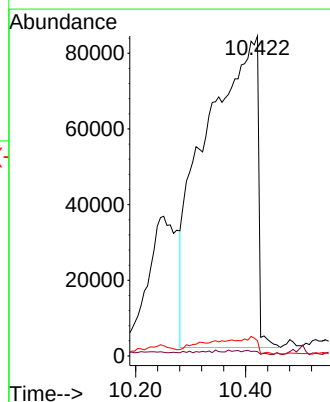
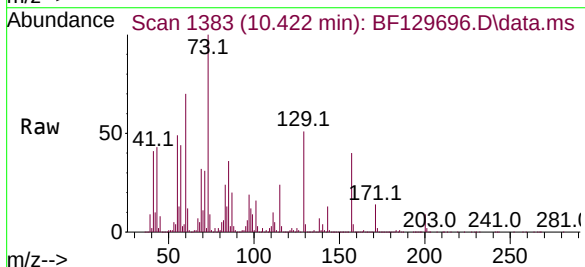
Instrument :
BNA_F
ClientSampleId :
EFF-WW

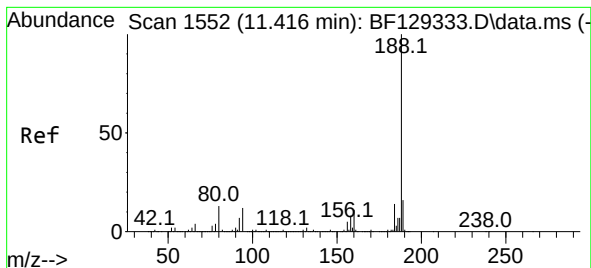
Tgt Ion:139 Resp: 26771
Ion Ratio Lower Upper
139 100
109 36.5 50.7 90.7#
65 62.7 74.5 114.5#



#62
4-Nitroaniline
Concen: 122.955 ng
RT: 10.422 min Scan# 1383
Delta R.T. -0.053 min
Lab File: BF129696.D
Acq: 10 Aug 2022 15:32

Tgt Ion:138 Resp: 541859
Ion Ratio Lower Upper
138 100
92 1.4 33.5 73.5#
108 4.8 61.0 101.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF129696.D

Acq: 10 Aug 2022 15:32

Instrument :

BNA_F

ClientSampleId :

EFF-WW

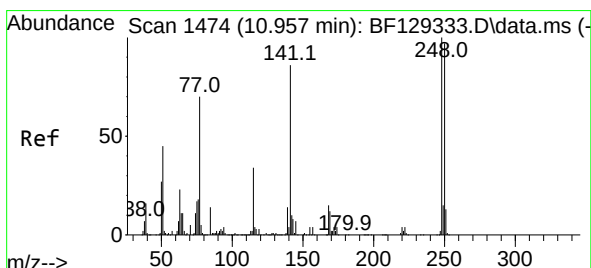
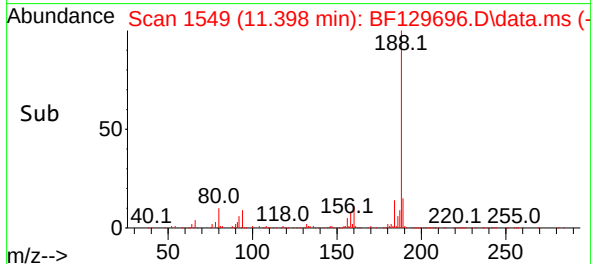
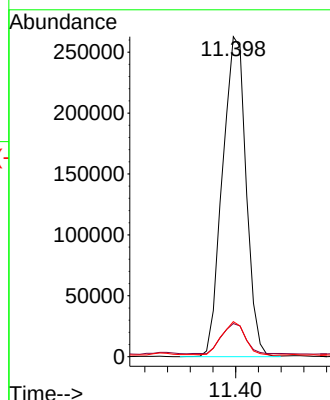
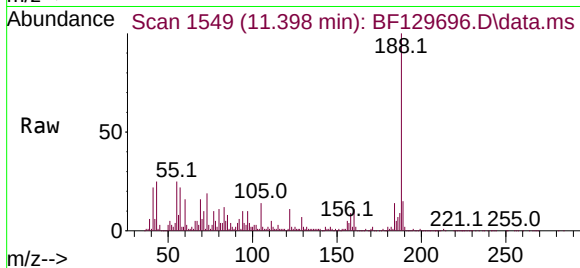
Tgt Ion:188 Resp: 379841

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

80 11.0 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.132 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.206 min

Lab File: BF129696.D

Acq: 10 Aug 2022 15:32

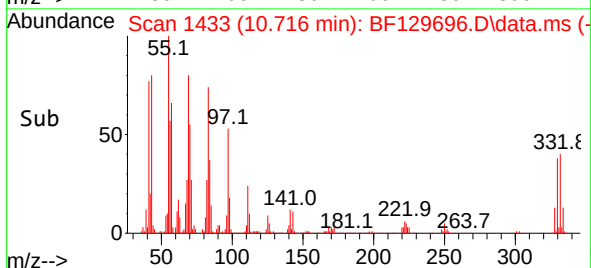
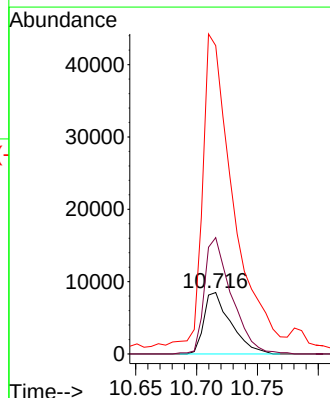
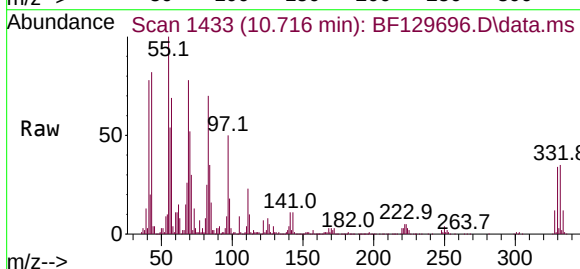
Tgt Ion:248 Resp: 13027

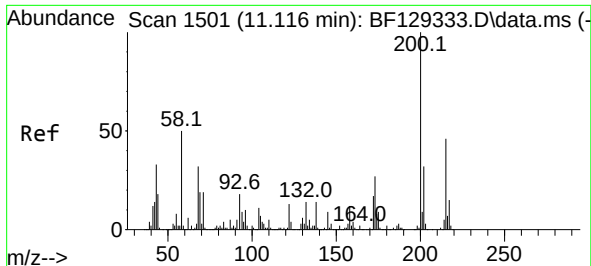
Ion Ratio Lower Upper

248 100

250 189.5 80.6 120.8#

141 502.1 58.9 88.3#

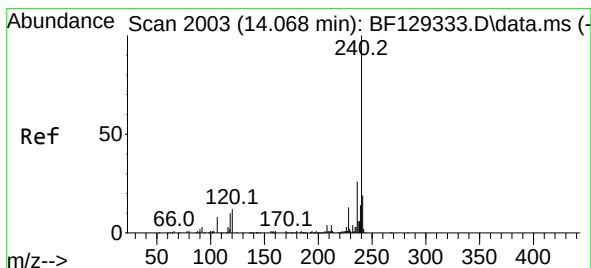
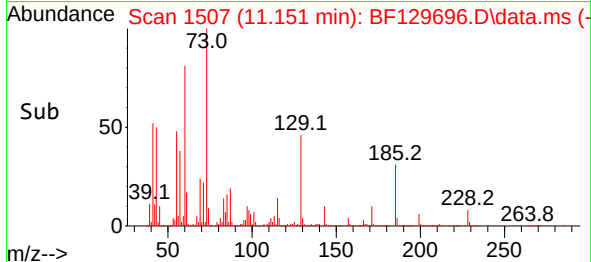
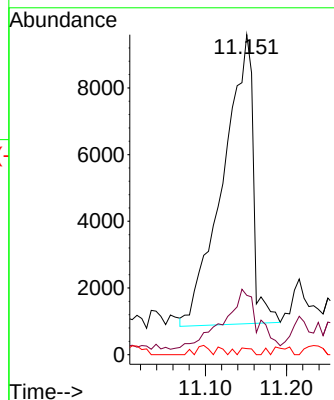
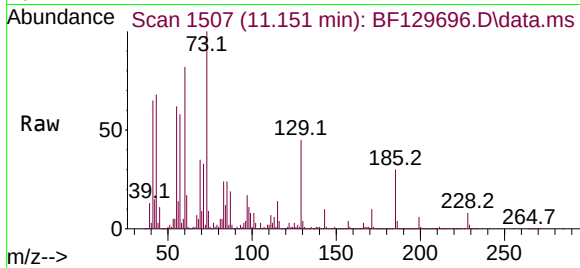




#69
Atrazine
Concen: 5.840 ng
RT: 11.151 min Scan# 11
Delta R.T. 0.070 min
Lab File: BF129696.D
Acq: 10 Aug 2022 15:32

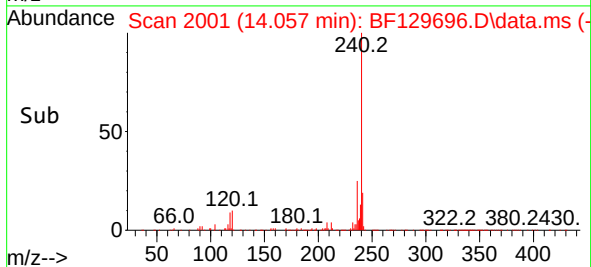
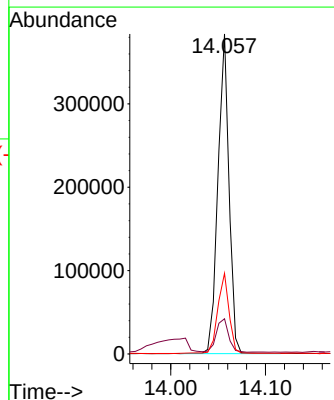
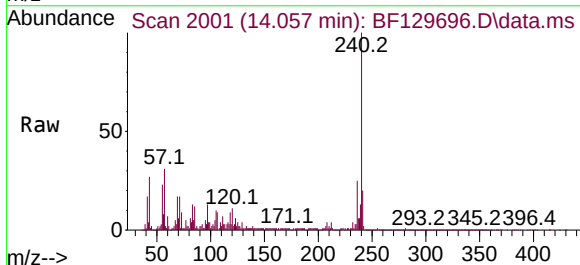
Instrument :
BNA_F
ClientSampleId :
EFF-WW

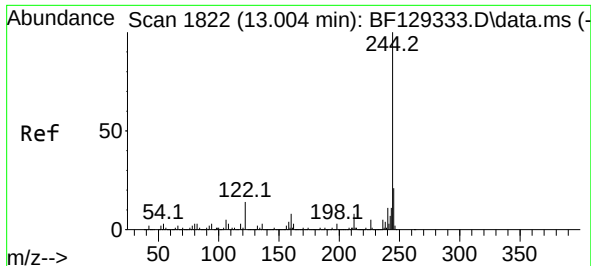
Tgt Ion:200 Resp: 22439
Ion Ratio Lower Upper
200 100
173 18.6 6.3 46.3
215 1.9 28.3 68.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.029 min
Lab File: BF129696.D
Acq: 10 Aug 2022 15:32

Tgt Ion:240 Resp: 309286
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.2 20.8 31.2

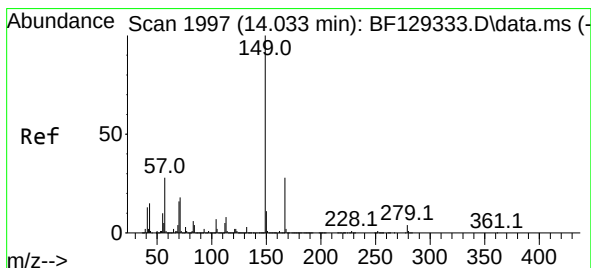
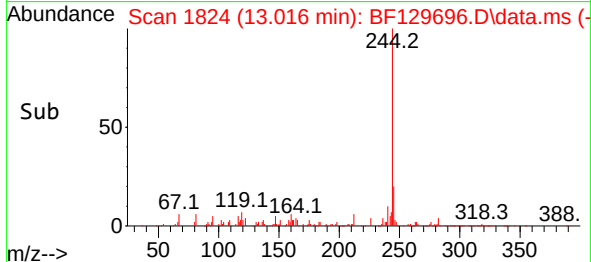
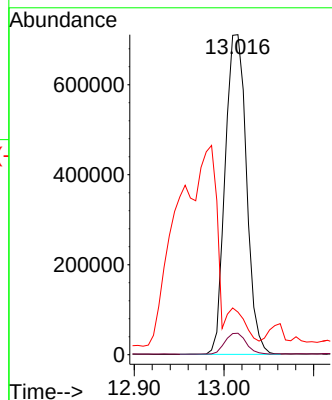
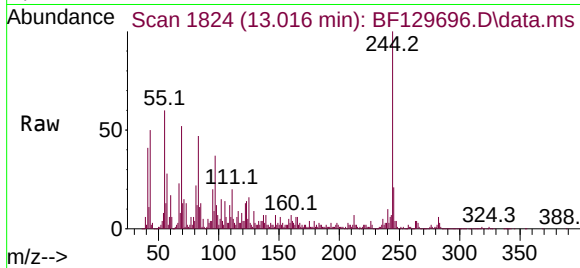




#79
 Terphenyl-d14
 Concen: 71.517 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.047 min
 Lab File: BF129696.D
 Acq: 10 Aug 2022 15:32

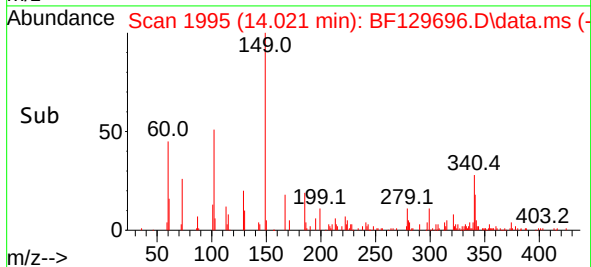
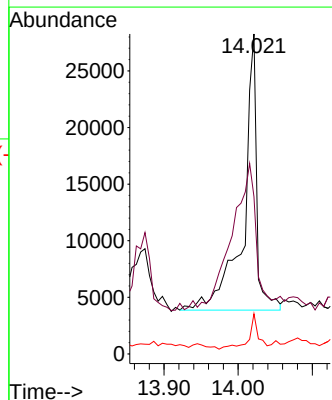
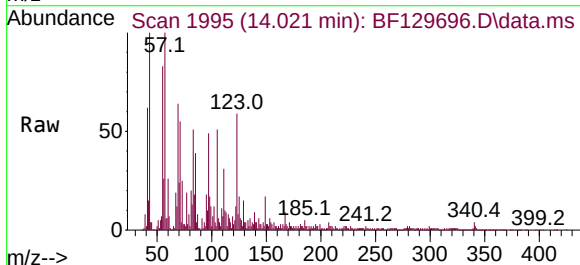
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

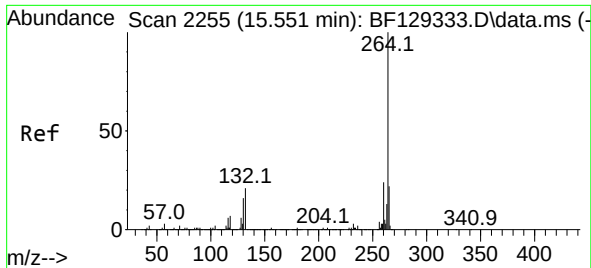
Tgt Ion:244 Resp: 1172450
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 13.3 8.8 13.2#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.070 ng
 RT: 14.021 min Scan# 1995
 Delta R.T. 0.035 min
 Lab File: BF129696.D
 Acq: 10 Aug 2022 15:32

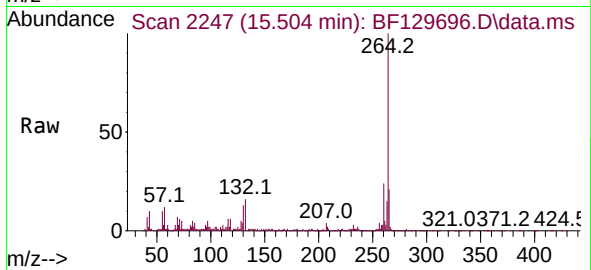
Tgt Ion:149 Resp: 30569
 Ion Ratio Lower Upper
 149 100
 167 49.2 21.0 31.4#
 279 12.5 3.1 4.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129696.D
Acq: 10 Aug 2022 15:32

Instrument :
BNA_F
ClientSampleId :
EFF-WW



Tgt Ion:264 Resp: 360574

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	21.5	17.2	25.8

