

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129469.D
 Acq On : 01 Aug 2022 12:52
 Operator : CG\JU
 Sample : N3949-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWRE

Quant Time: Aug 02 01:15:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

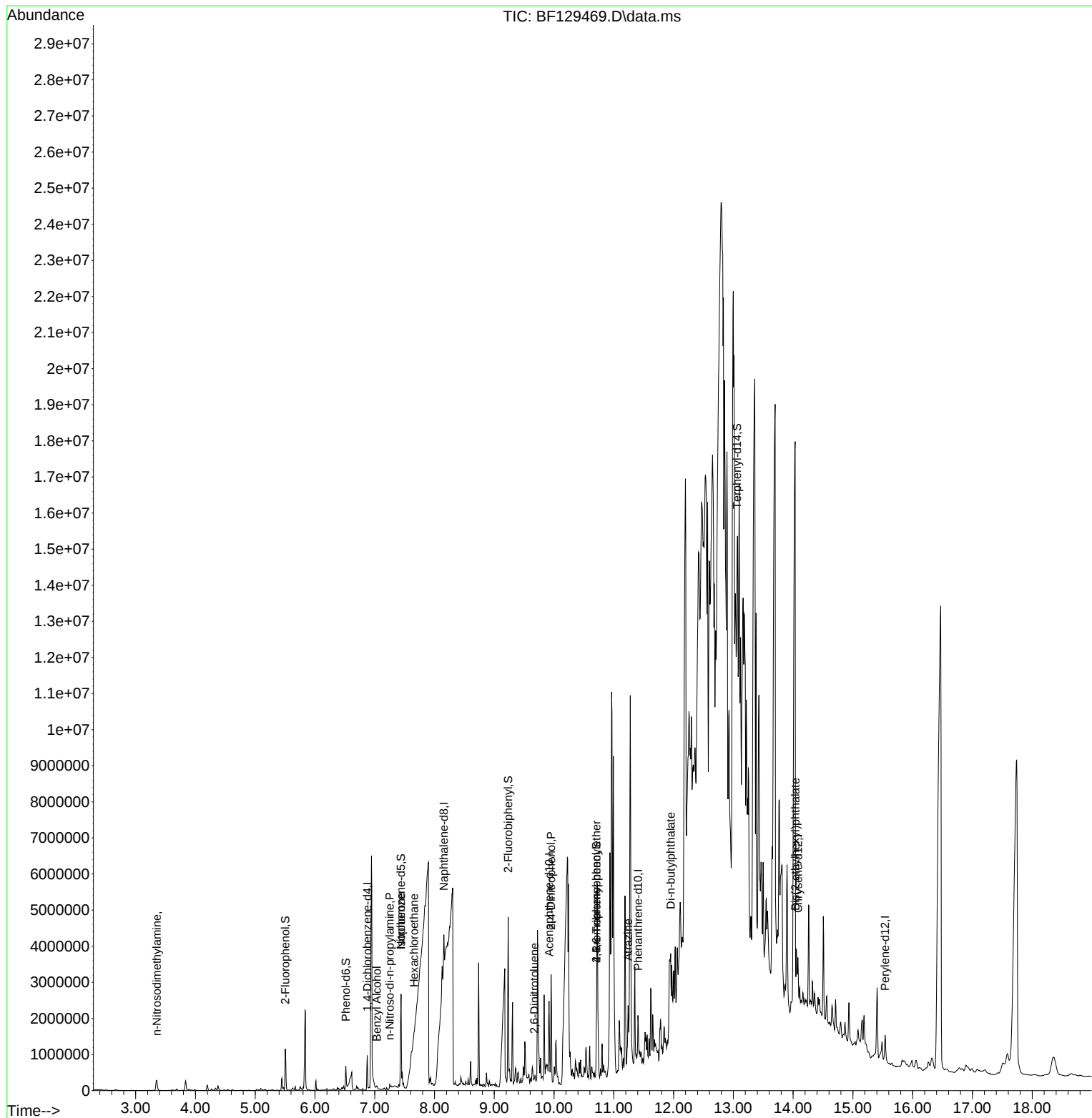
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	124998	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	388387	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	206518	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	364919	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	336966	20.000	ng	0.03
86) Perylene-d12	15.539	264	317574	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	320890	41.819	ng	0.00
7) Phenol-d6	6.516	99	224171	23.242	ng	0.00
23) Nitrobenzene-d5	7.440	82	752468	105.761	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	187121	94.243	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1244144	93.194	ng	0.00
79) Terphenyl-d14	13.063	244	1270025	71.105	ng	0.08
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.352	42	13884	3.289	ng	# 1
15) Benzyl Alcohol	7.034	79	23774	3.399	ng	95
18) Hexachloroethane	7.657	117	12643	3.672	ng	# 3
19) n-Nitroso-di-n-propyla...	7.251	70	13398	2.295	ng	# 65
25) Isophorone	7.440	82	749350	58.757	ng	# 65
51) 2,6-Dinitrotoluene	9.669	165	7986	2.503	ng	# 32
54) 2,4-Dinitrophenol	9.951	184	4300	2.640	ng	# 40
67) 4-Bromophenyl-phenylether	10.710	248	11824	2.959	ng	# 1
69) Atrazine	11.239	200	122343	33.144	ng	# 37
74) Di-n-butylphthalate	11.951	149	44557	2.030	ng	# 88
84) Bis(2-ethylhexyl)phtha...	14.039	149	35346	2.197	ng	# 85

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

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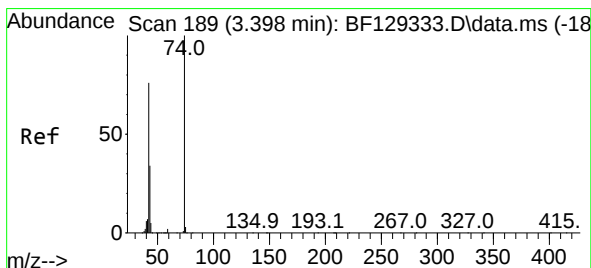
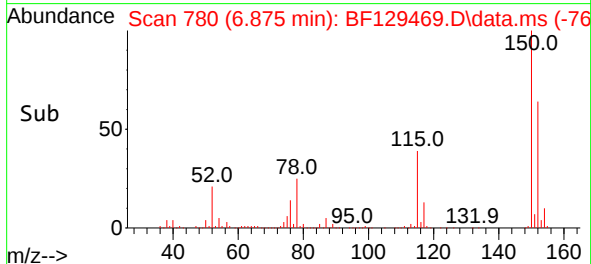
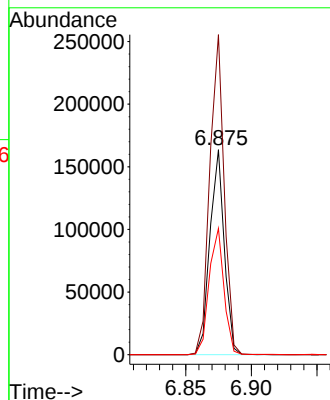
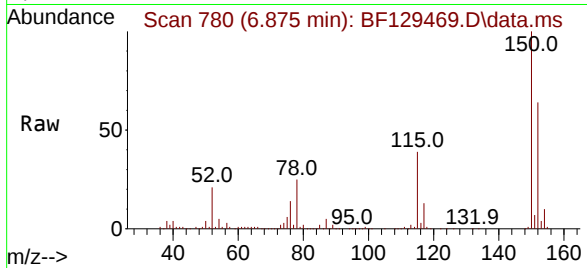




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129469.D
Acq: 01 Aug 2022 12:52

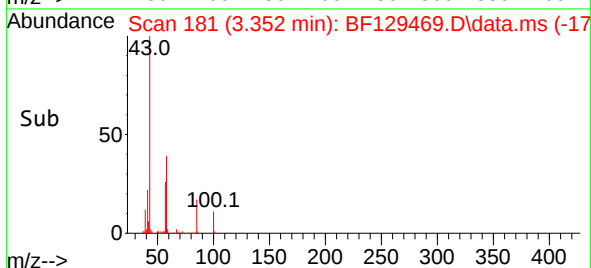
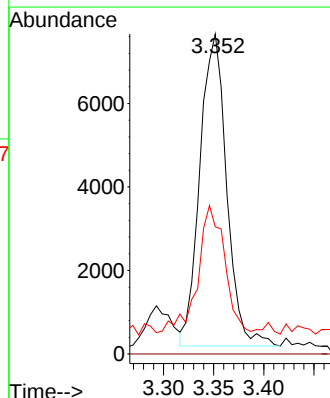
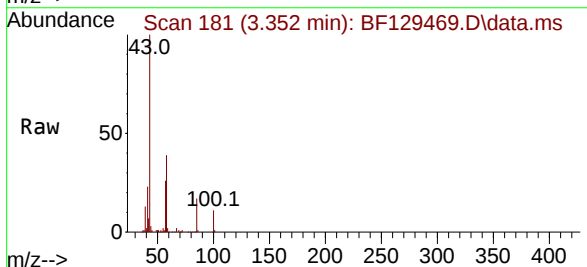
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

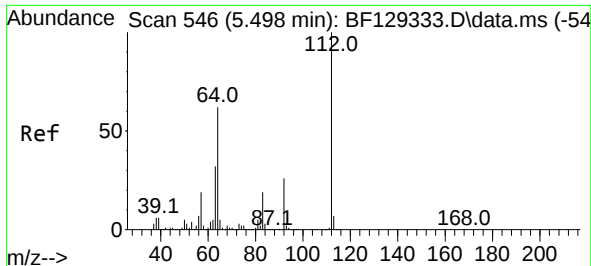
Tgt Ion:152 Resp: 124998
Ion Ratio Lower Upper
152 100
150 156.1 123.7 185.5
115 61.6 49.9 74.9



#4
n-Nitrosodimethylamine
Concen: 3.289 ng
RT: 3.352 min Scan# 181
Delta R.T. -0.035 min
Lab File: BF129469.D
Acq: 01 Aug 2022 12:52

Tgt Ion: 42 Resp: 13884
Ion Ratio Lower Upper
42 100
74 0.0 94.8 142.2#
44 39.8 6.6 10.0#

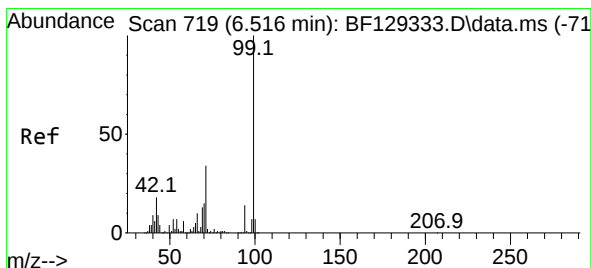
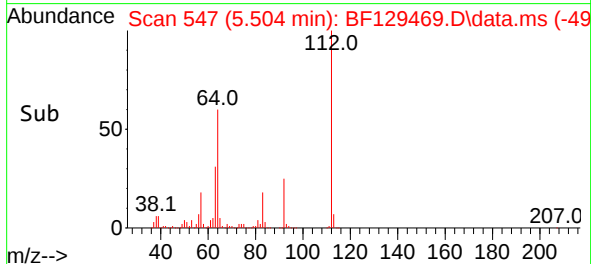
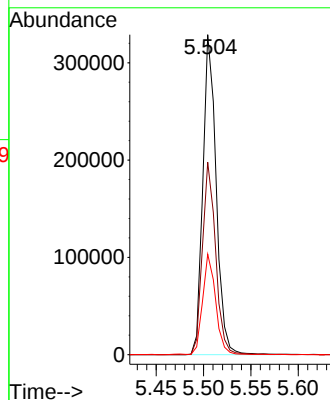
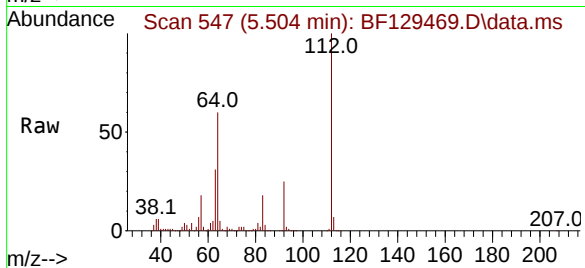




#5
2-Fluorophenol
Concen: 41.819 ng
RT: 5.504 min Scan# 546
Delta R.T. 0.000 min
Lab File: BF129469.D
Acq: 01 Aug 2022 12:52

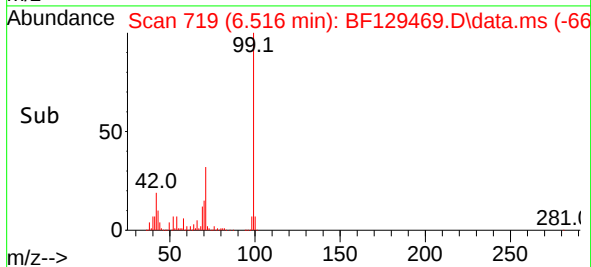
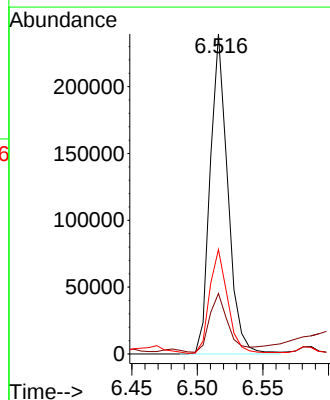
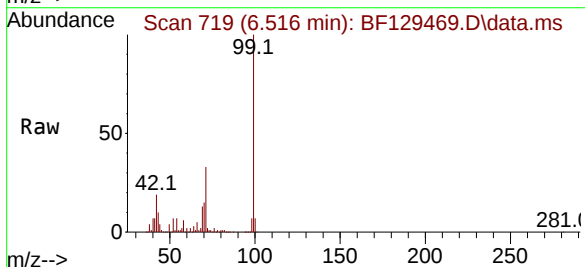
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

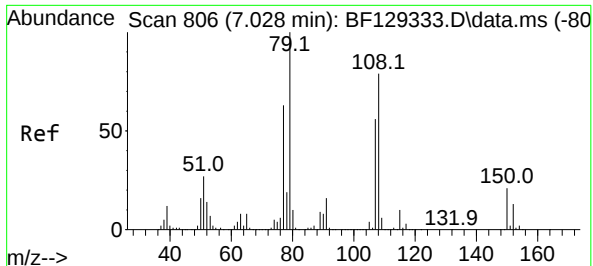
Tgt Ion:112 Resp: 320890
Ion Ratio Lower Upper
112 100
64 60.1 53.3 79.9
63 31.4 28.0 42.0



#7
Phenol-d6
Concen: 23.242 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129469.D
Acq: 01 Aug 2022 12:52

Tgt Ion: 99 Resp: 224171
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 32.6 28.9 43.3





#15

Benzyl Alcohol

Concen: 3.399 ng

RT: 7.034 min Scan# 80

Delta R.T. 0.012 min

Lab File: BF129469.D

Acq: 01 Aug 2022 12:52

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

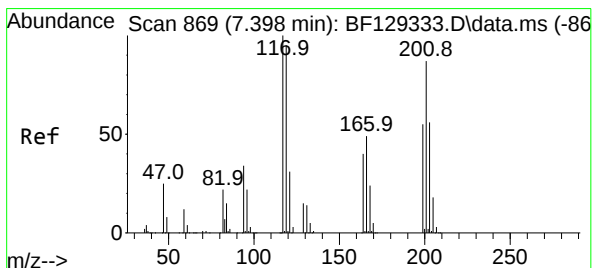
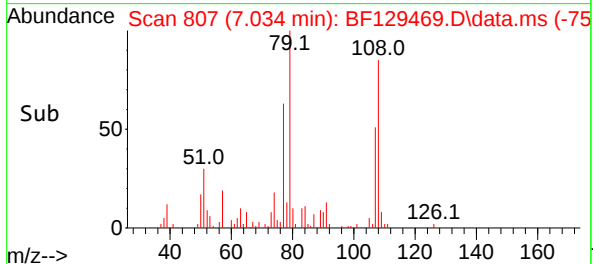
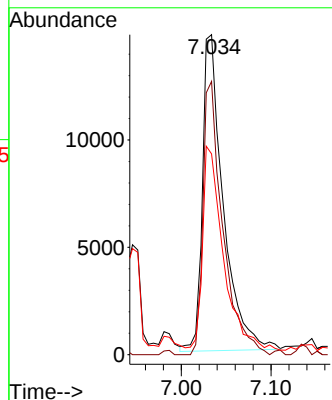
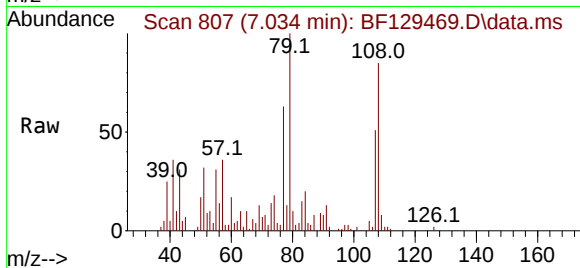
Tgt Ion: 79 Resp: 23774

Ion Ratio Lower Upper

79 100

108 85.4 61.8 92.6

77 62.8 50.2 75.4



#18

Hexachloroethane

Concen: 3.672 ng

RT: 7.657 min Scan# 913

Delta R.T. 0.271 min

Lab File: BF129469.D

Acq: 01 Aug 2022 12:52

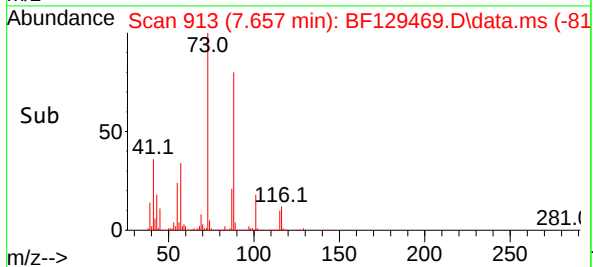
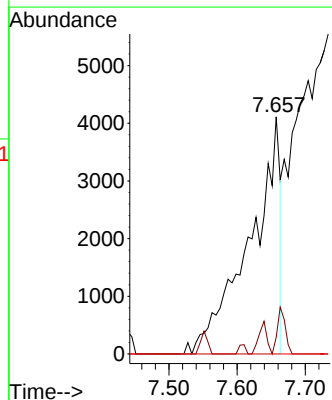
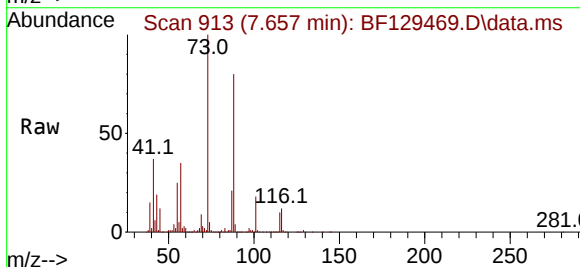
Tgt Ion: 117 Resp: 12643

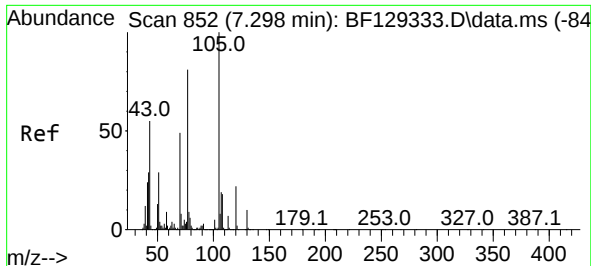
Ion Ratio Lower Upper

117 100

119 7.0 77.4 116.2#

201 0.0 84.6 127.0#

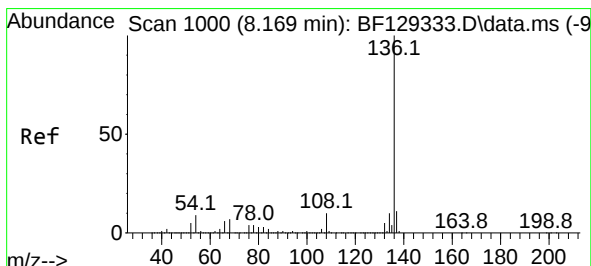
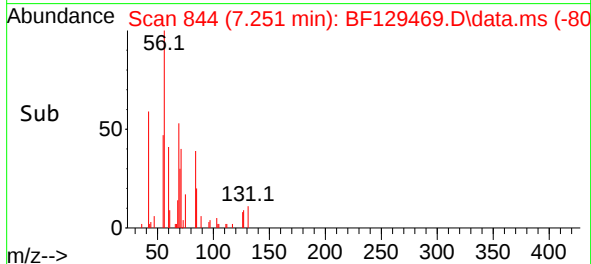
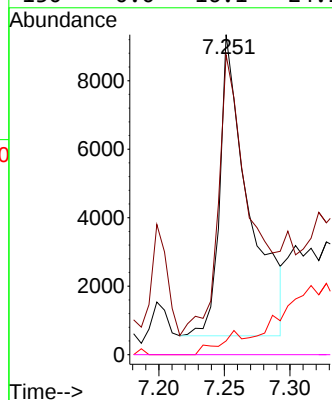
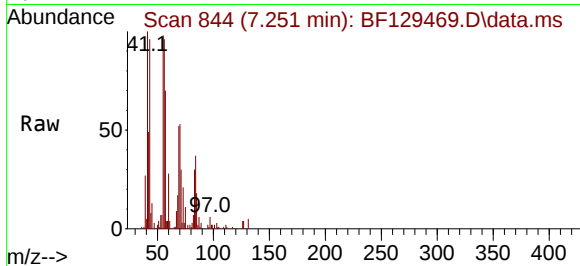




#19
n-Nitroso-di-n-propylamine
Concen: 2.295 ng
RT: 7.251 min Scan# 84
Delta R.T. -0.041 min
Lab File: BF129469.D
Acq: 01 Aug 2022 12:52

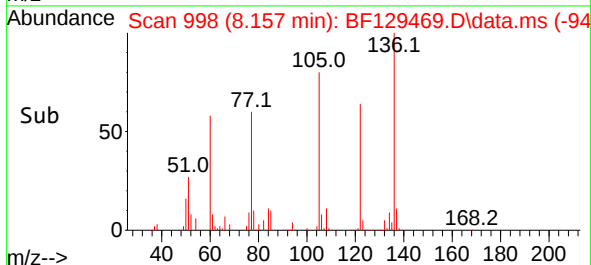
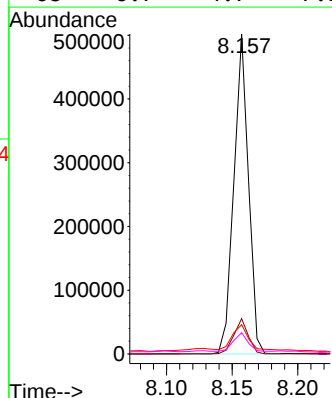
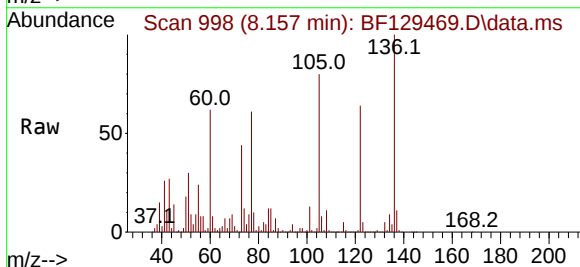
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

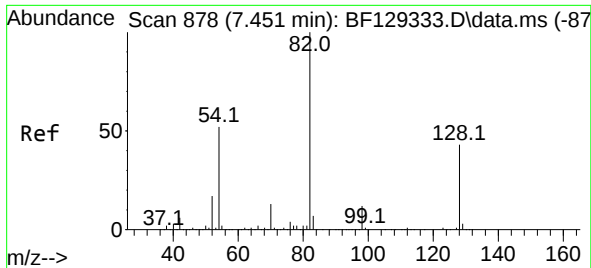
Tgt Ion:	70	Resp:	13398
Ion	Ratio	Lower	Upper
70	100		
42	93.6	52.3	78.5#
101	4.3	7.5	11.3#
130	0.0	16.1	24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF129469.D
Acq: 01 Aug 2022 12:52

Tgt Ion:	136	Resp:	388387
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.2	7.5	11.3
68	6.7	4.7	7.1

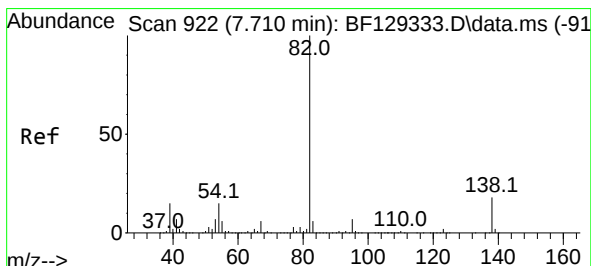
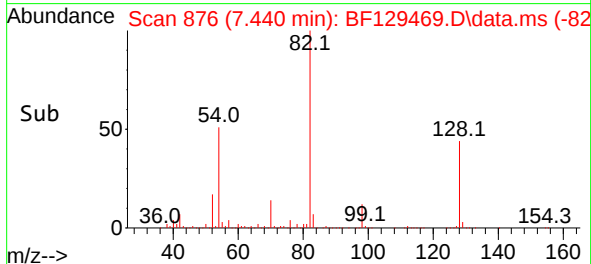
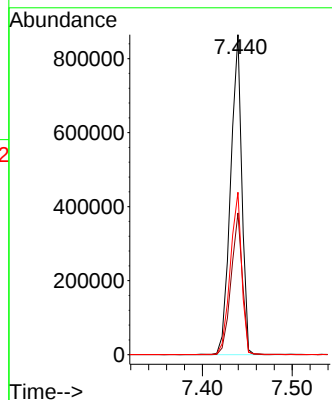
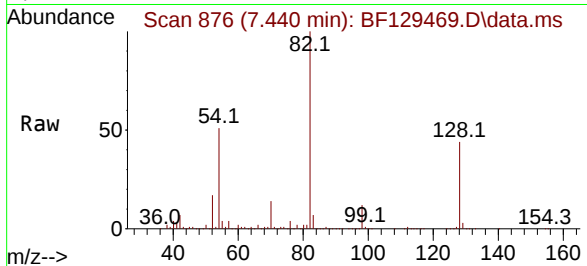




#23
Nitrobenzene-d5
Concen: 105.761 ng
RT: 7.440 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF129469.D
Acq: 01 Aug 2022 12:52

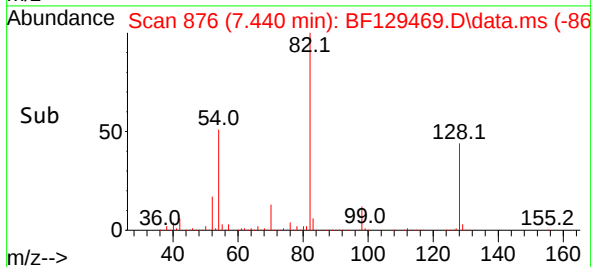
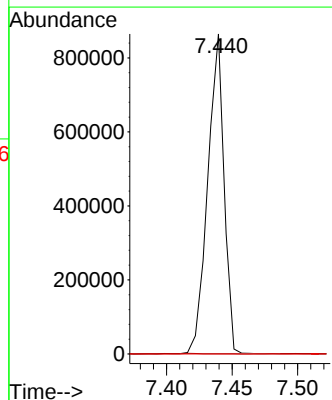
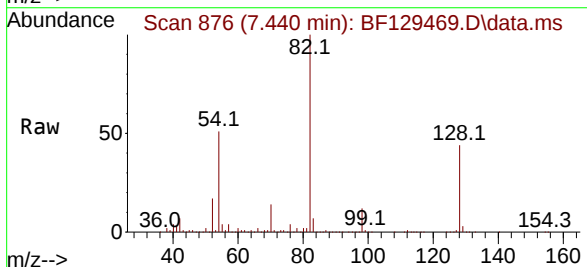
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

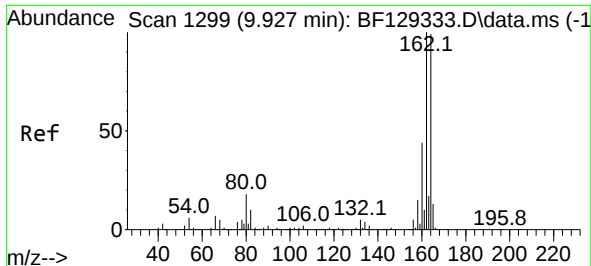
Tgt Ion: 82 Resp: 752468
Ion Ratio Lower Upper
82 100
128 44.3 34.0 51.0
54 50.8 46.9 70.3



#25
Isophorone
Concen: 58.757 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.259 min
Lab File: BF129469.D
Acq: 01 Aug 2022 12:52

Tgt Ion: 82 Resp: 749350
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129469.D

Acq: 01 Aug 2022 12:52

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

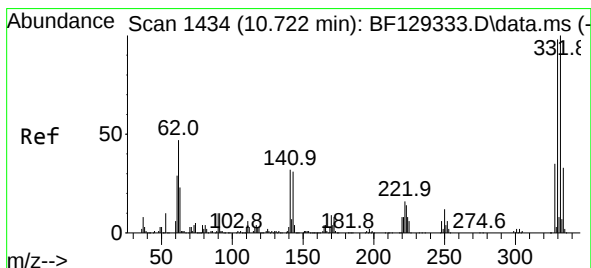
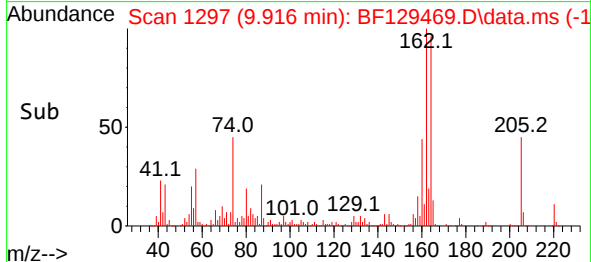
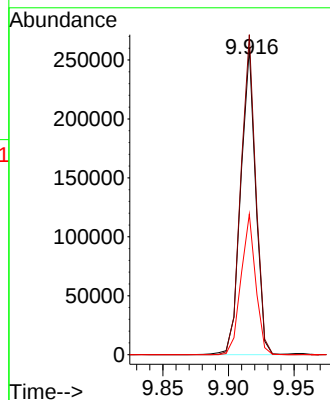
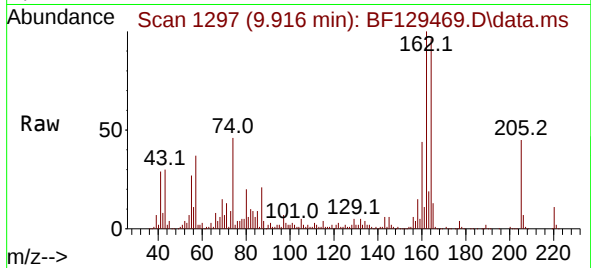
Tgt Ion:164 Resp: 206518

Ion Ratio Lower Upper

164 100

162 104.3 79.5 119.3

160 45.8 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 94.243 ng

RT: 10.710 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF129469.D

Acq: 01 Aug 2022 12:52

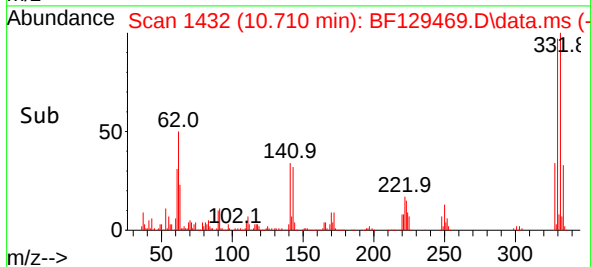
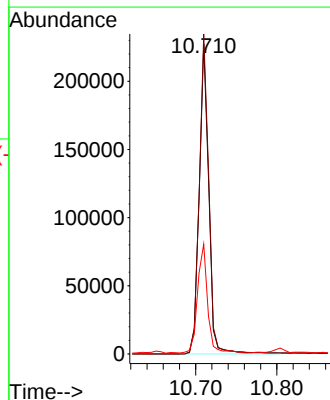
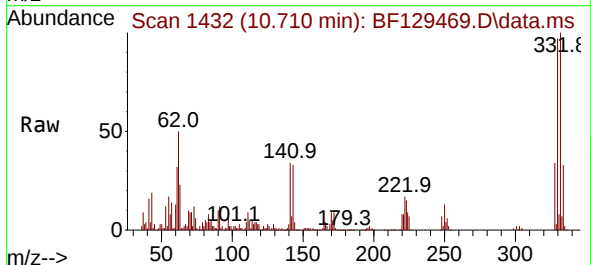
Tgt Ion:330 Resp: 187121

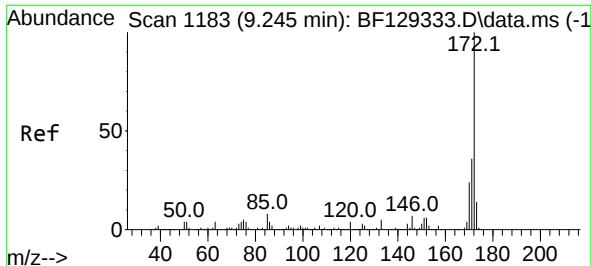
Ion Ratio Lower Upper

330 100

332 102.9 76.8 115.2

141 36.9 28.0 42.0

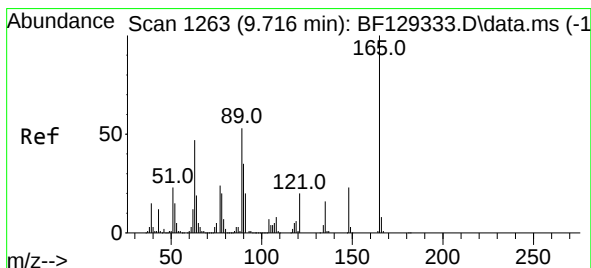
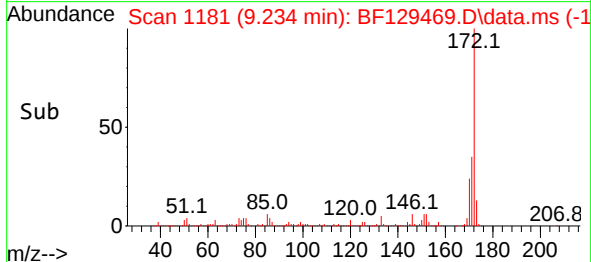
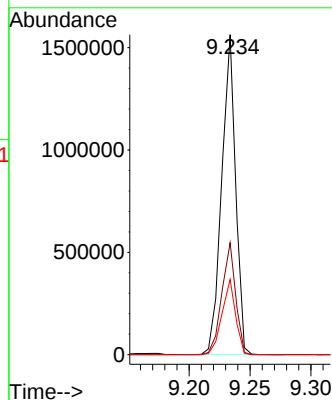
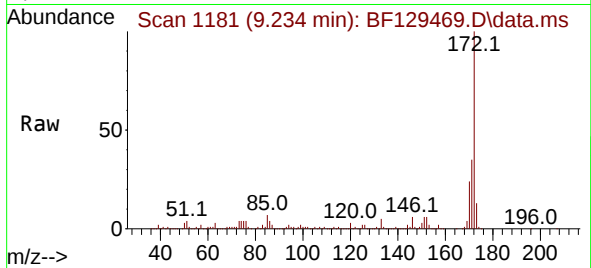




#45
2-Fluorobiphenyl
Concen: 93.194 ng
RT: 9.234 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF129469.D
Acq: 01 Aug 2022 12:52

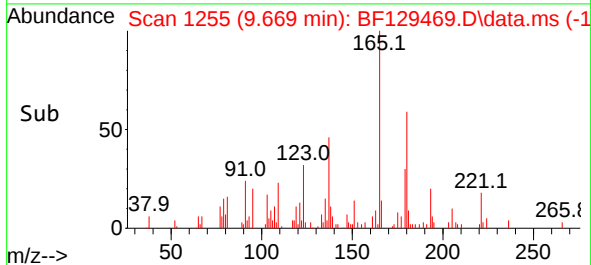
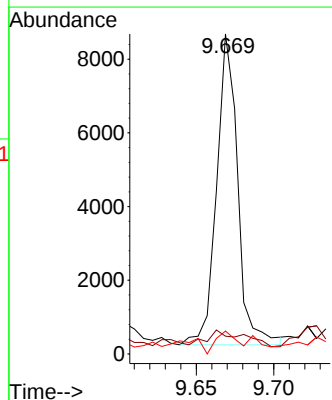
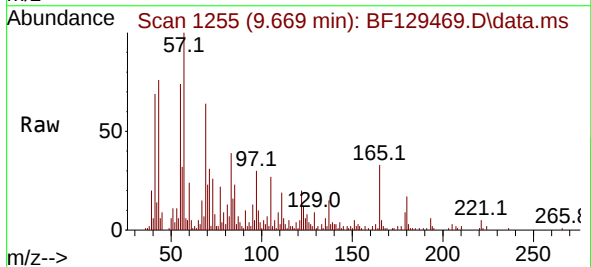
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

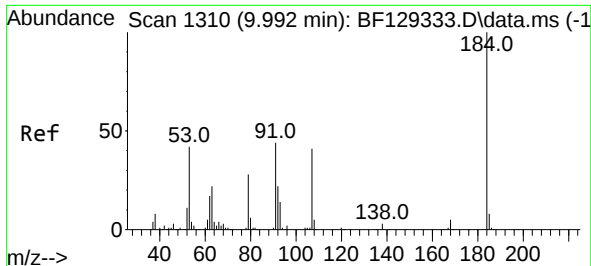
Tgt Ion:172 Resp: 1244144
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.5 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 2.503 ng
RT: 9.669 min Scan# 1255
Delta R.T. -0.035 min
Lab File: BF129469.D
Acq: 01 Aug 2022 12:52

Tgt Ion:165 Resp: 7986
Ion Ratio Lower Upper
165 100
63 5.5 44.9 67.3#
89 7.2 43.6 65.4#

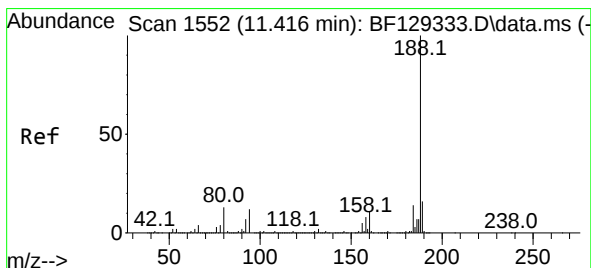
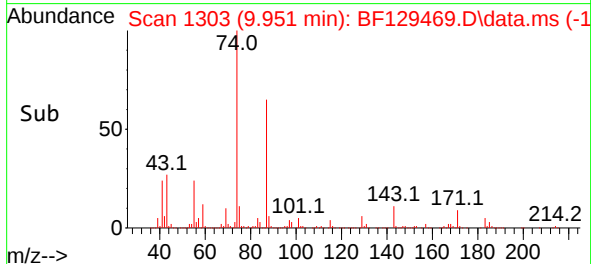
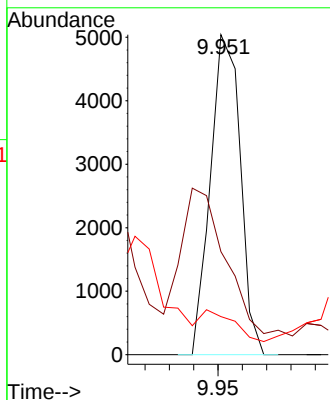
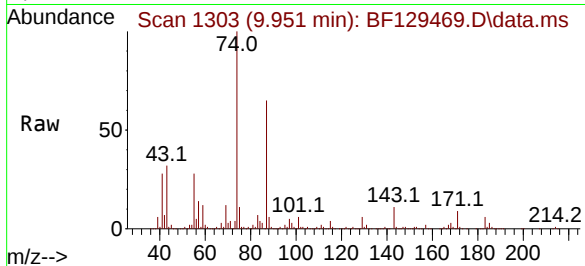




#54
2,4-Dinitrophenol
Concen: 2.640 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF129469.D
Acq: 01 Aug 2022 12:52

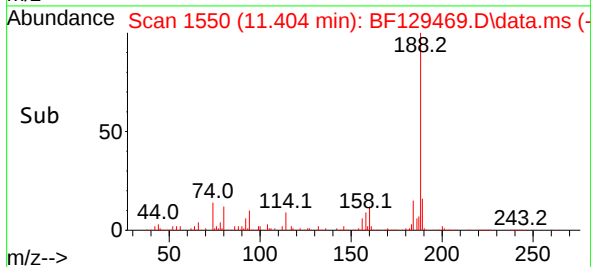
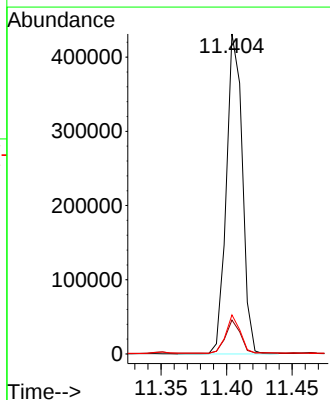
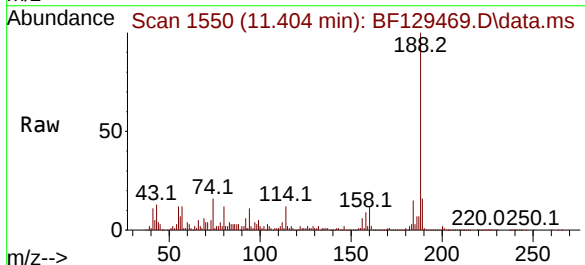
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

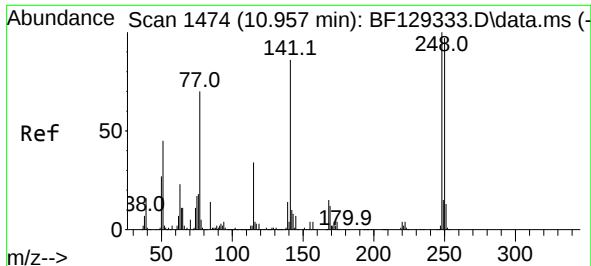
Tgt Ion:184 Resp: 4300
Ion Ratio Lower Upper
184 100
63 32.2 64.5 96.7#
154 11.9 50.6 75.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF129469.D
Acq: 01 Aug 2022 12:52

Tgt Ion:188 Resp: 364919
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 12.2 7.6 11.4#

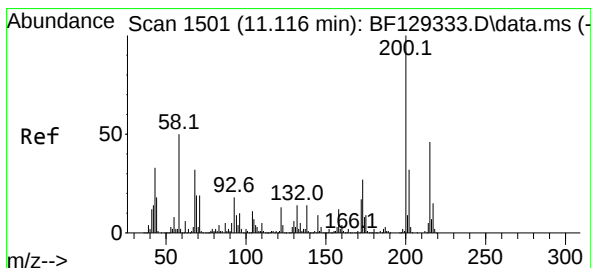
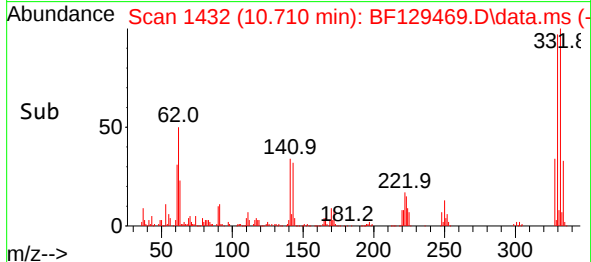
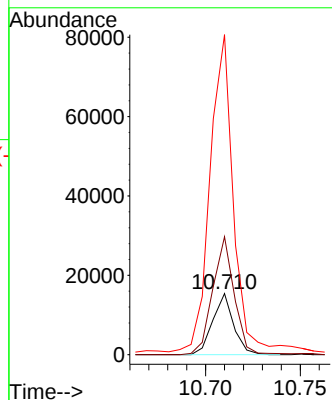
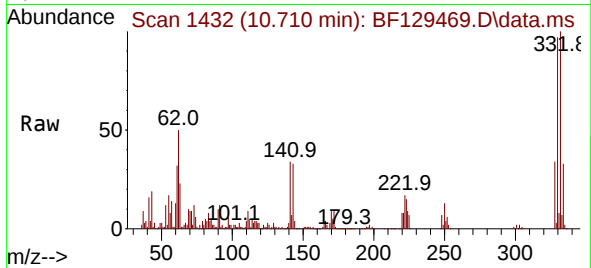




#67
4-Bromophenyl-phenylether
Concen: 2.959 ng
RT: 10.710 min Scan# 1474
Delta R.T. -0.235 min
Lab File: BF129469.D
Acq: 01 Aug 2022 12:52

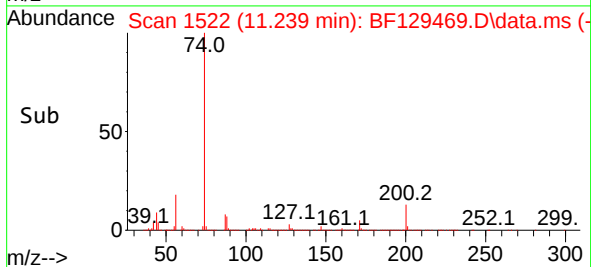
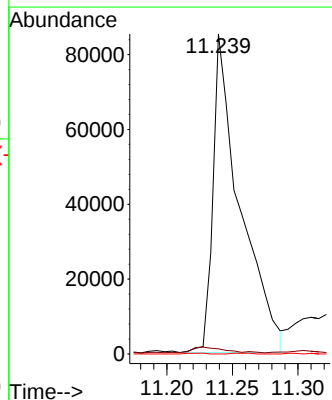
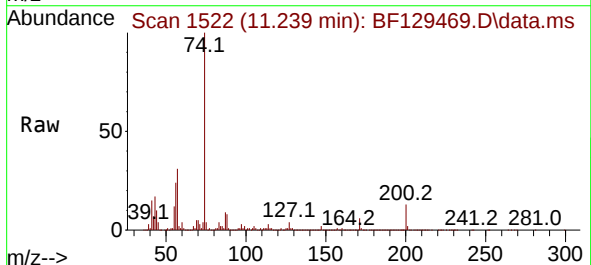
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

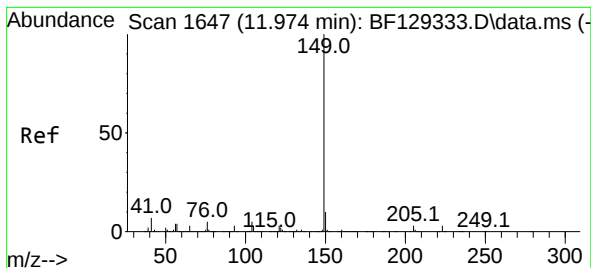
Tgt Ion:248 Resp: 11824
Ion Ratio Lower Upper
248 100
250 193.0 80.6 120.8#
141 524.1 58.9 88.3#



#69
Atrazine
Concen: 33.144 ng
RT: 11.239 min Scan# 1522
Delta R.T. 0.135 min
Lab File: BF129469.D
Acq: 01 Aug 2022 12:52

Tgt Ion:200 Resp: 122343
Ion Ratio Lower Upper
200 100
173 1.6 6.3 46.3#
215 0.0 28.3 68.3#





#74

Di-n-butylphthalate

Concen: 2.030 ng

RT: 11.951 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129469.D

Acq: 01 Aug 2022 12:52

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

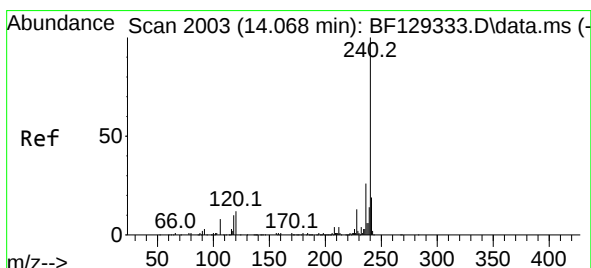
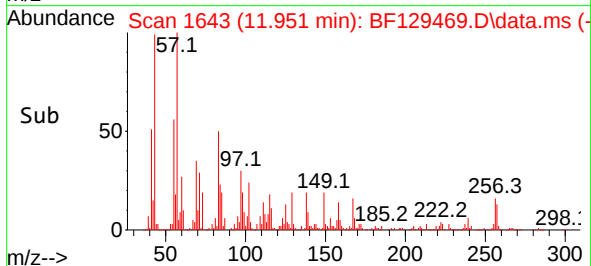
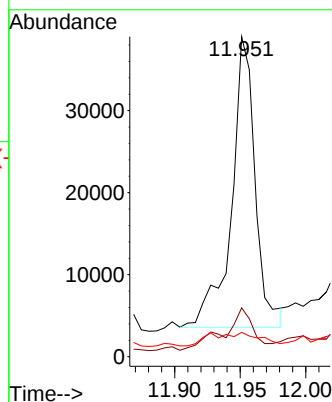
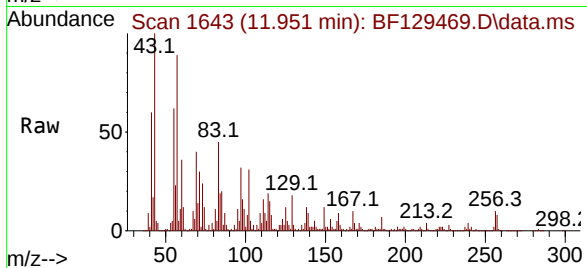
Tgt Ion:149 Resp: 44557

Ion Ratio Lower Upper

149 100

150 15.3 7.5 11.3#

104 7.6 4.4 6.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2005

Delta R.T. 0.029 min

Lab File: BF129469.D

Acq: 01 Aug 2022 12:52

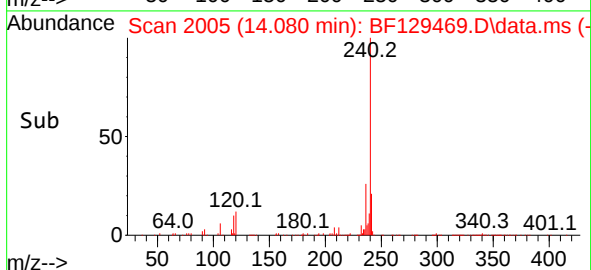
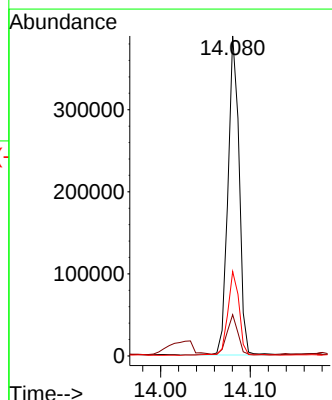
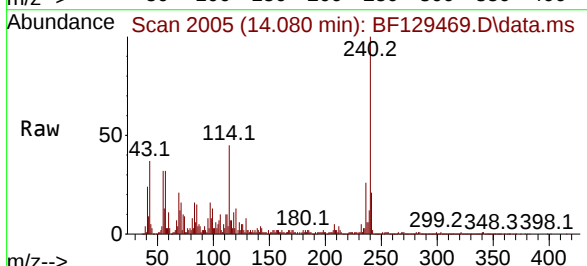
Tgt Ion:240 Resp: 336966

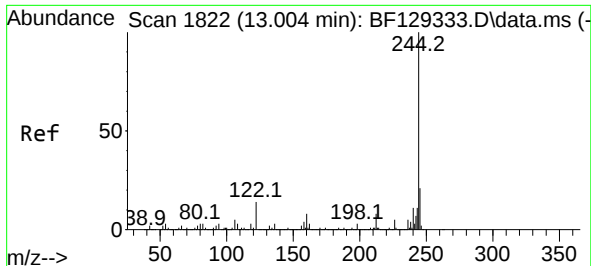
Ion Ratio Lower Upper

240 100

120 12.9 8.9 13.3

236 26.4 20.8 31.2

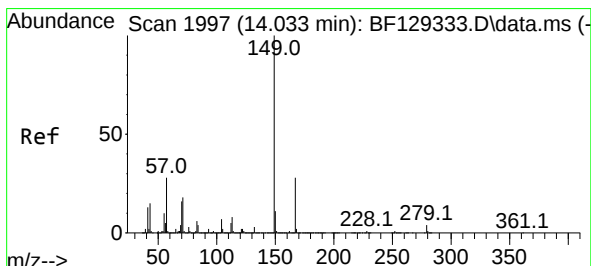
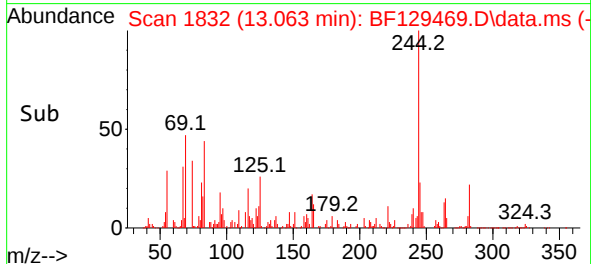
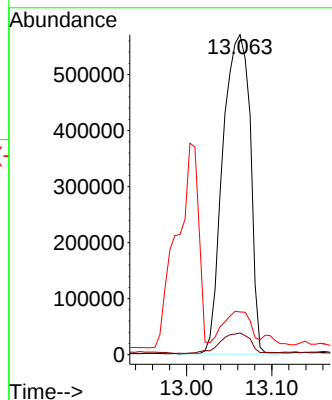
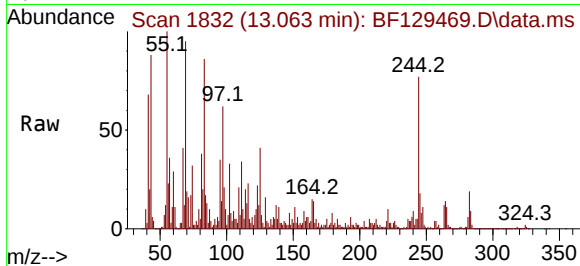




#79
 Terphenyl-d14
 Concen: 71.105 ng
 RT: 13.063 min Scan# 1832
 Delta R.T. 0.077 min
 Lab File: BF129469.D
 Acq: 01 Aug 2022 12:52

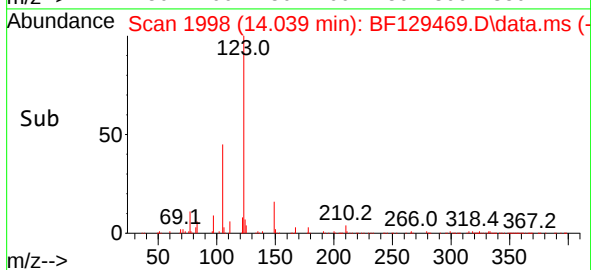
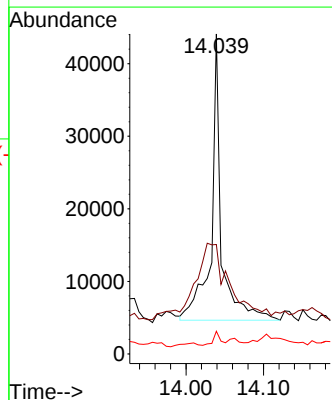
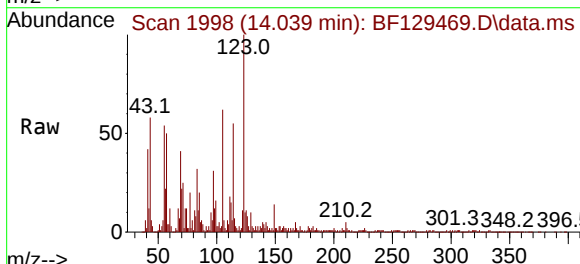
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWRE

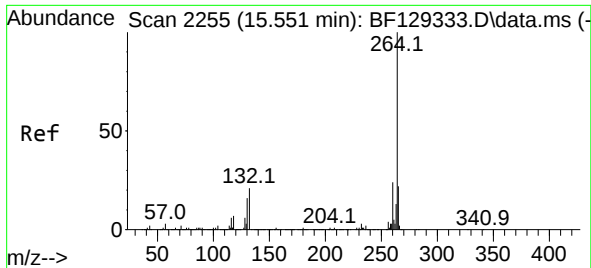
Tgt Ion:244 Resp: 1270025
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 13.4 8.8 13.2#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.197 ng
 RT: 14.039 min Scan# 1998
 Delta R.T. 0.029 min
 Lab File: BF129469.D
 Acq: 01 Aug 2022 12:52

Tgt Ion:149 Resp: 35346
 Ion Ratio Lower Upper
 149 100
 167 34.2 21.0 31.4#
 279 7.1 3.1 4.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF129469.D
Acq: 01 Aug 2022 12:52

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion:264 Resp: 317574

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	21.4	17.2	25.8

