

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF132998.D
 Acq On : 24 Apr 2023 16:40
 Operator : CG\JU
 Sample : 02471-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Apr 24 17:46:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

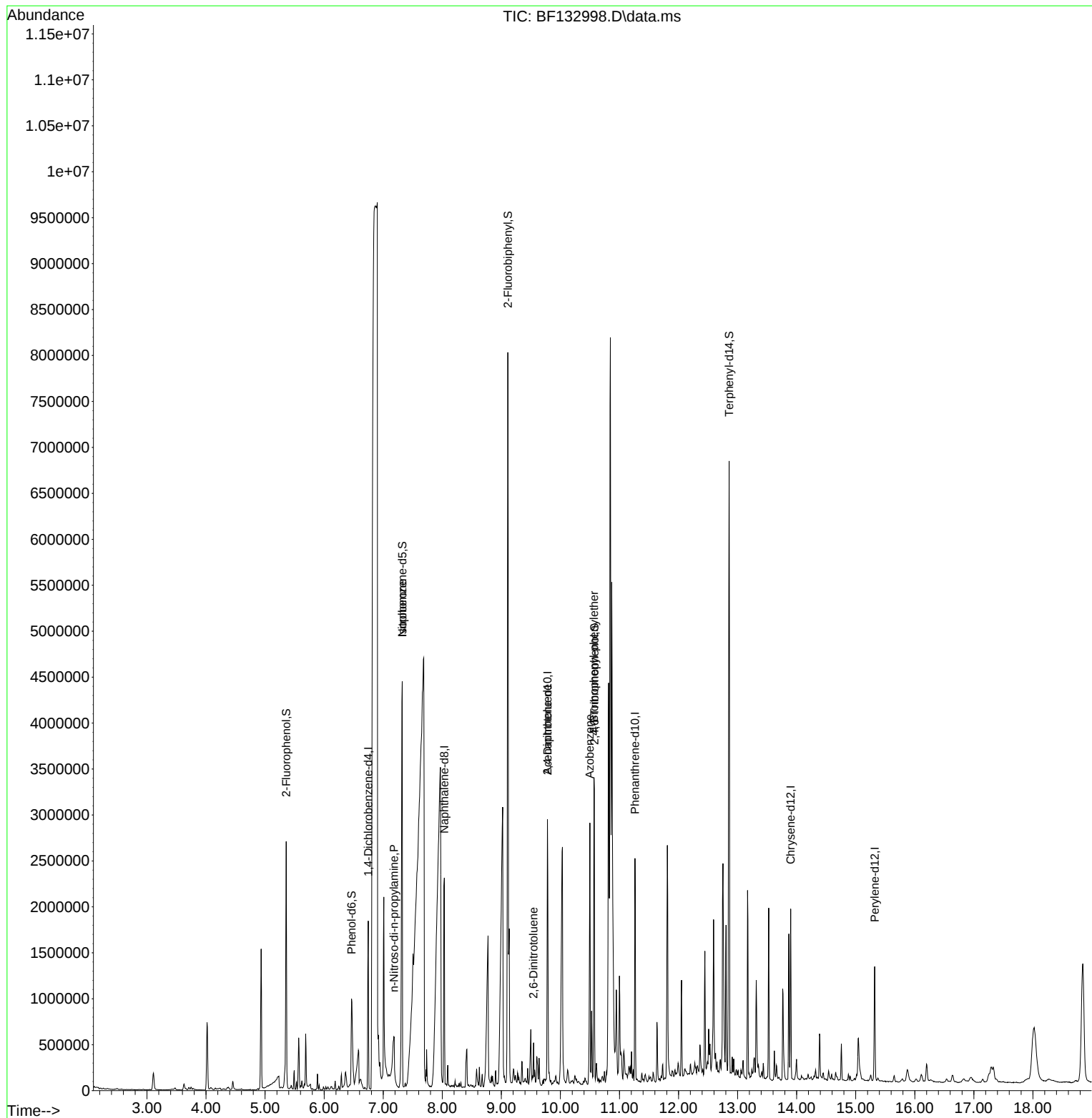
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	240892	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	983995	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	489826	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	847839	20.000	ng	0.00
76) Chrysene-d12	13.898	240	540295	20.000	ng	-0.01
86) Perylene-d12	15.321	264	482702	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	721264	45.230	ng	0.00
7) Phenol-d6	6.463	99	532137	26.885	ng	0.08
23) Nitrobenzene-d5	7.322	82	1606441	88.121	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	446445	90.628	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2493991	85.182	ng	0.00
79) Terphenyl-d14	12.857	244	2750529	87.799	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.287	77	1117	Below Cal	#	86
19) n-Nitroso-di-n-propyla...	7.181	70	51330	4.166	ng	# 48
25) Isophorone	7.322	82	1603615	46.331	ng	# 63
51) 2,6-Dinitrotoluene	9.545	165	31949	4.156	ng	# 26
57) 2,4-Dinitrotoluene	9.781	165	63738	6.502	ng	# 24
63) Azobenzene	10.498	77	460055	13.462	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	27026	2.939	ng	# 1

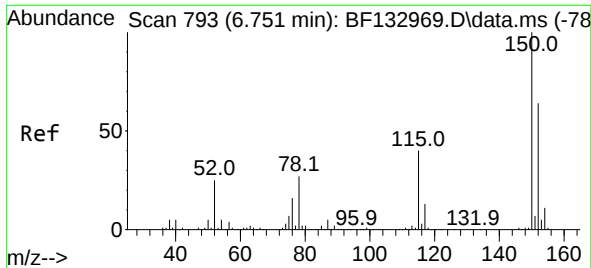
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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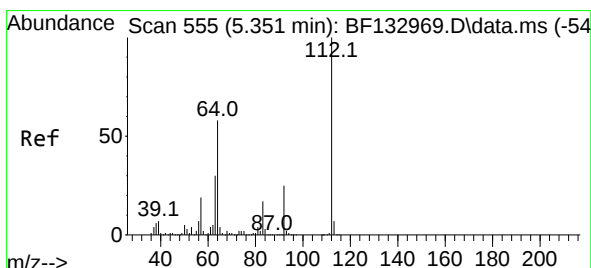
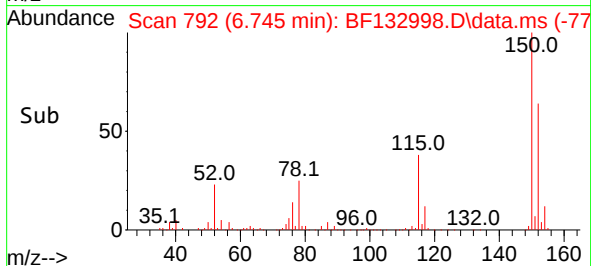
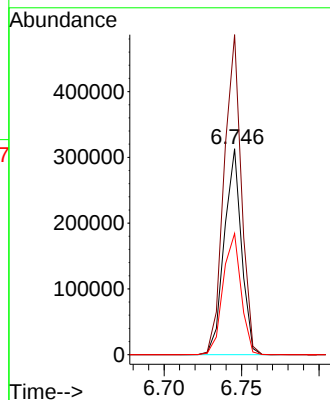
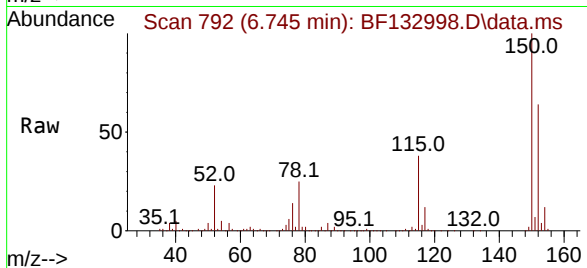




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF132998.D
 Acq: 24 Apr 2023 16:40

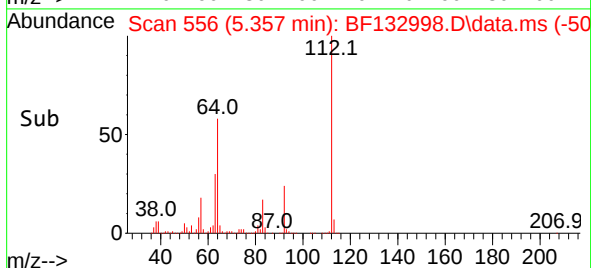
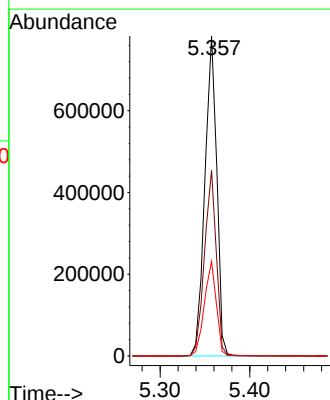
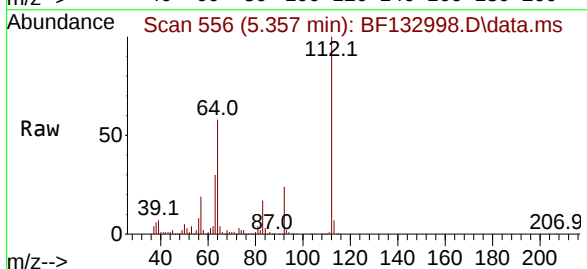
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

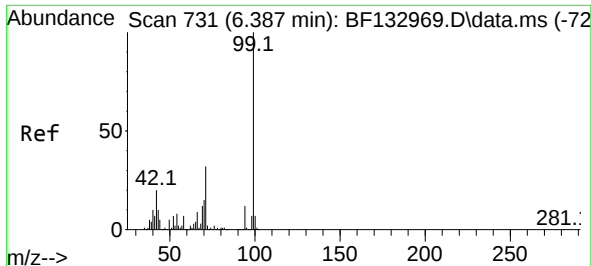
Tgt Ion:152 Resp: 240892
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.8 187.2
 115 58.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 45.230 ng
 RT: 5.357 min Scan# 556
 Delta R.T. 0.006 min
 Lab File: BF132998.D
 Acq: 24 Apr 2023 16:40

Tgt Ion:112 Resp: 721264
 Ion Ratio Lower Upper
 112 100
 64 58.0 46.8 70.2
 63 29.5 23.8 35.8

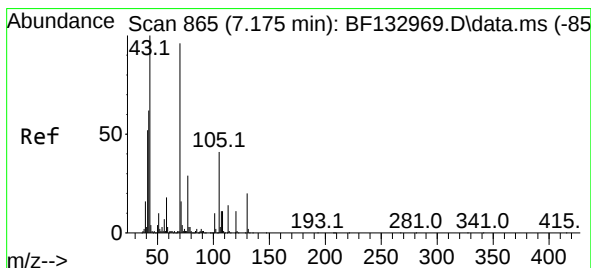
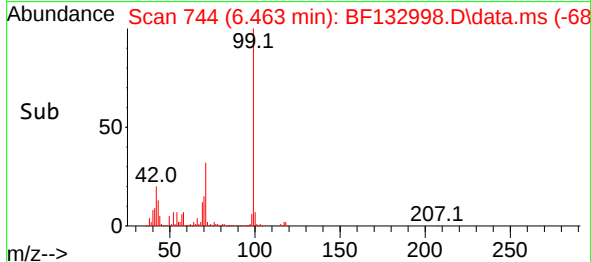
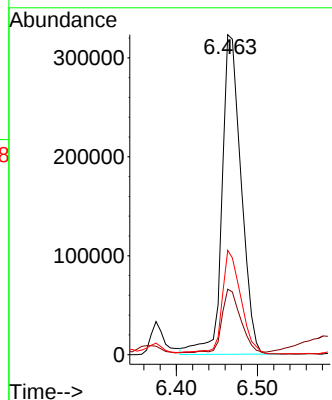
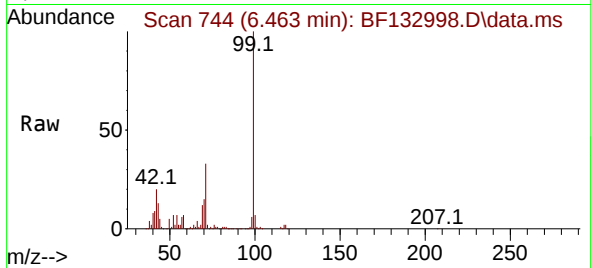




#7
Phenol-d6
Concen: 26.885 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.077 min
Lab File: BF132998.D
Acq: 24 Apr 2023 16:40

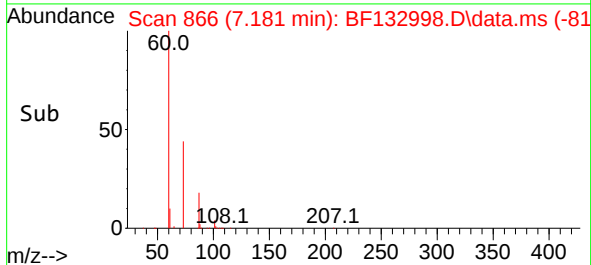
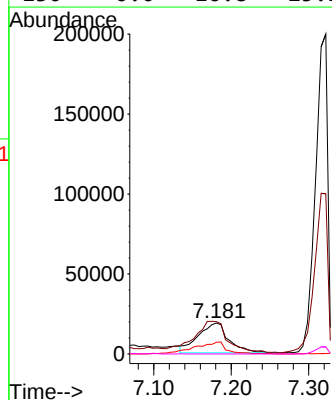
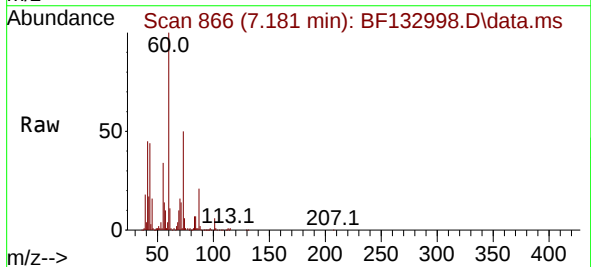
Instrument :
BNA_F
ClientSampleId :
EFF-WW

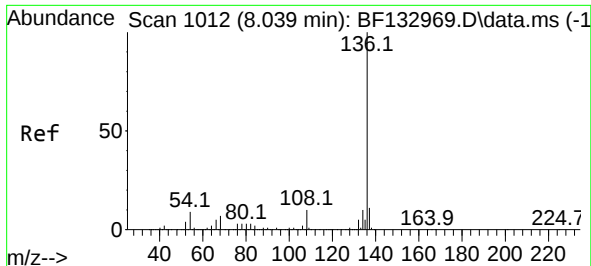
Tgt Ion: 99 Resp: 532137
Ion Ratio Lower Upper
99 100
42 20.5 16.3 24.5
71 32.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.166 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.006 min
Lab File: BF132998.D
Acq: 24 Apr 2023 16:40

Tgt Ion: 70 Resp: 51330
Ion Ratio Lower Upper
70 100
42 105.0 51.8 77.6#
101 37.8 8.0 12.0#
130 0.0 16.8 25.2#

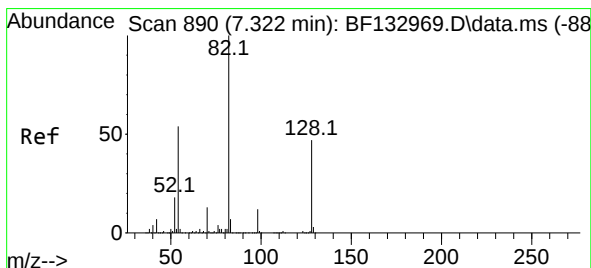
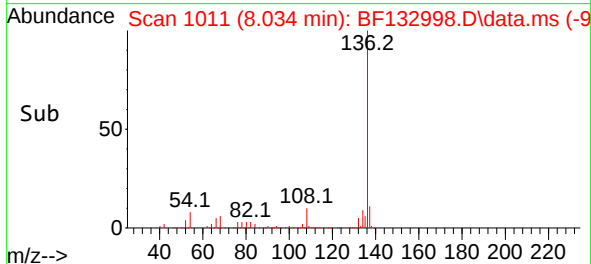
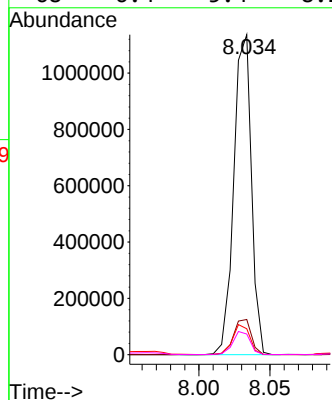
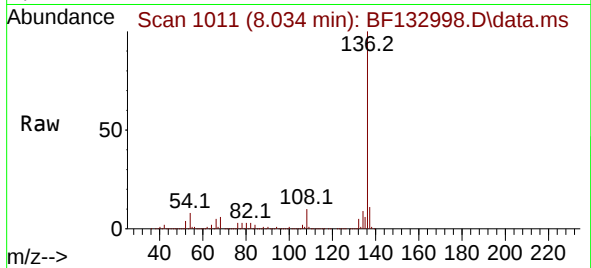




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132998.D
Acq: 24 Apr 2023 16:40

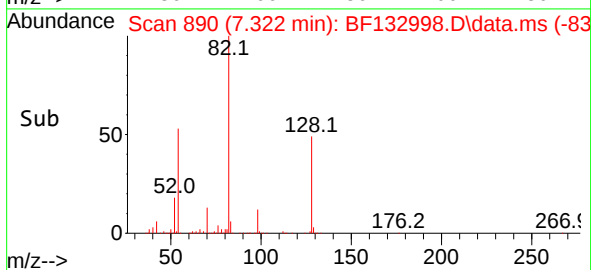
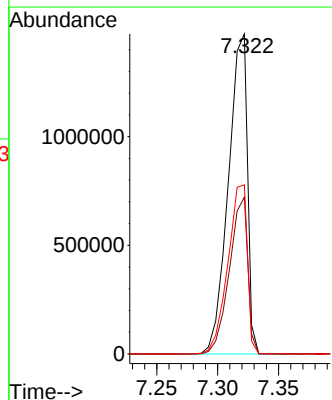
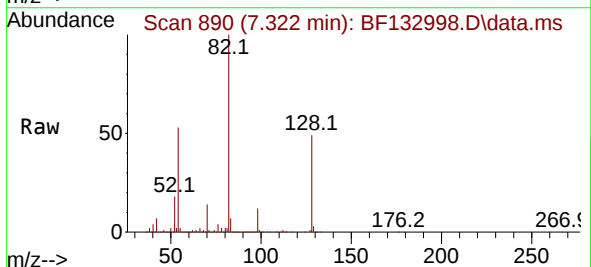
Instrument :
BNA_F
ClientSampleId :
EFF-WW

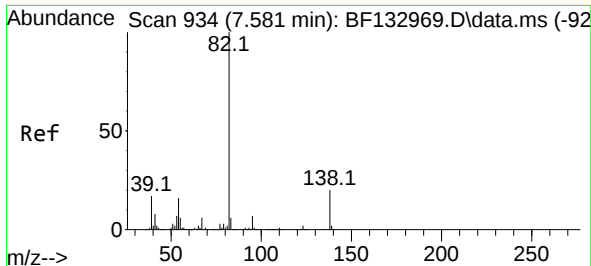
Tgt Ion:136 Resp: 983995
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.1 7.0 10.4
68 6.4 5.4 8.2



#23
Nitrobenzene-d5
Concen: 88.121 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF132998.D
Acq: 24 Apr 2023 16:40

Tgt Ion: 82 Resp: 1606441
Ion Ratio Lower Upper
82 100
128 49.0 37.7 56.5
54 52.8 43.0 64.4

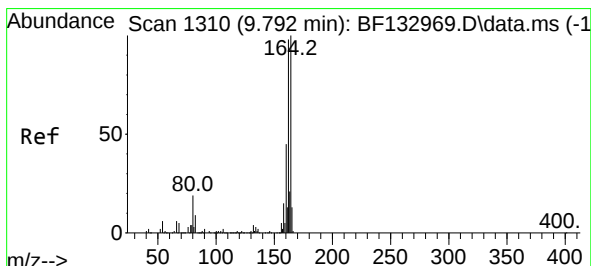
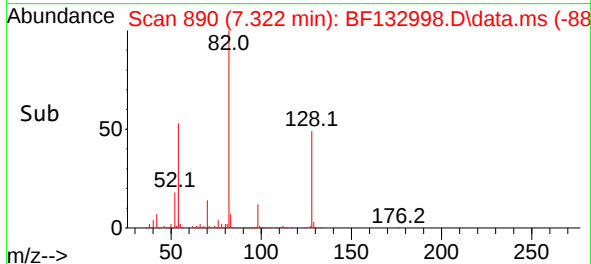
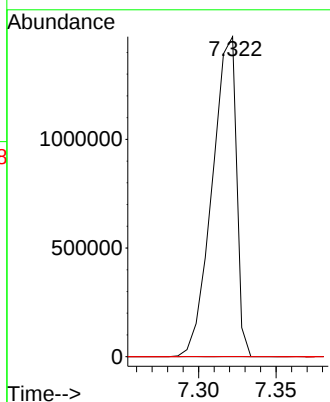
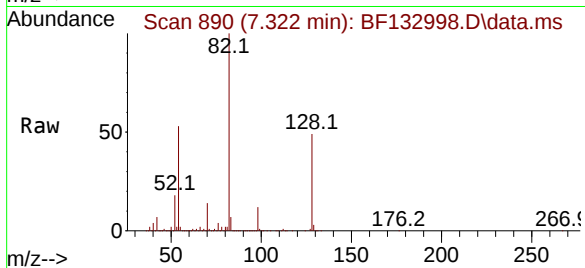




#25
Isophorone
Concen: 46.331 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF132998.D
Acq: 24 Apr 2023 16:40

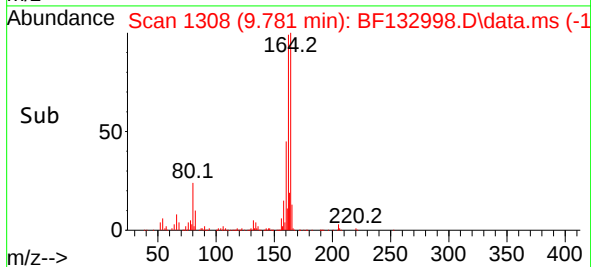
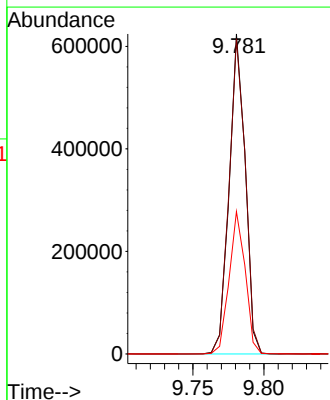
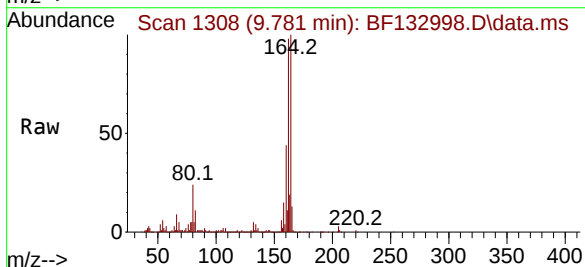
Instrument :
BNA_F
ClientSampleId :
EFF-WW

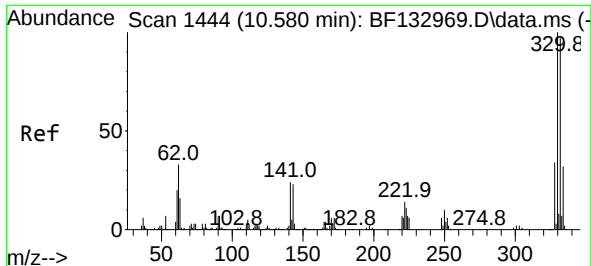
Tgt Ion: 82 Resp: 1603615
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF132998.D
Acq: 24 Apr 2023 16:40

Tgt Ion:164 Resp: 489826
Ion Ratio Lower Upper
164 100
162 98.5 78.7 118.1
160 44.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 90.628 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF132998.D

Acq: 24 Apr 2023 16:40

Instrument :

BNA_F

ClientSampleId :

EFF-WW

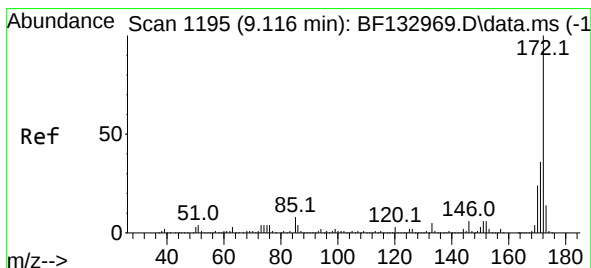
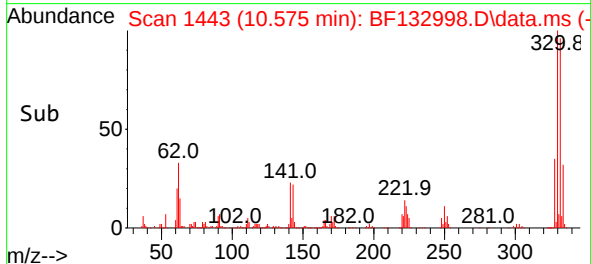
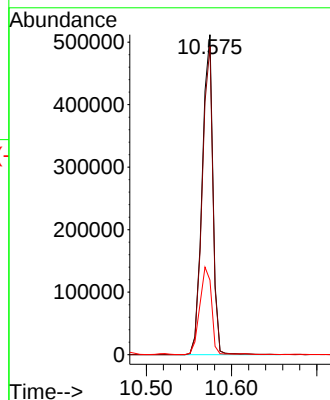
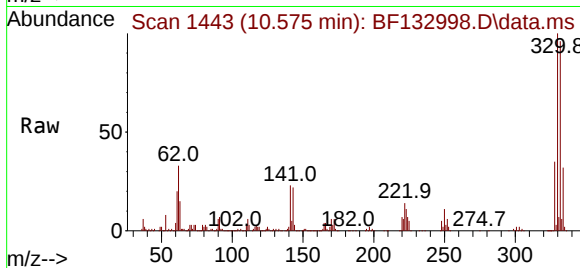
Tgt Ion:330 Resp: 446445

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

141 29.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 85.182 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF132998.D

Acq: 24 Apr 2023 16:40

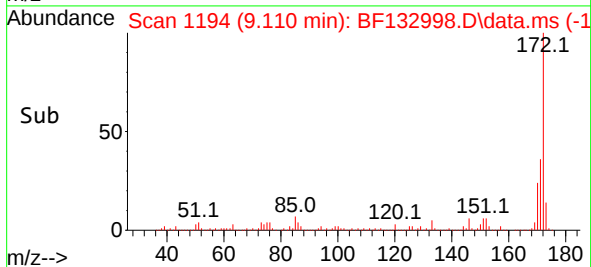
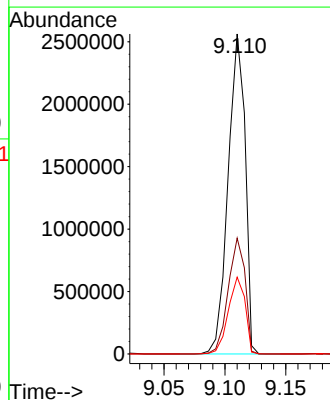
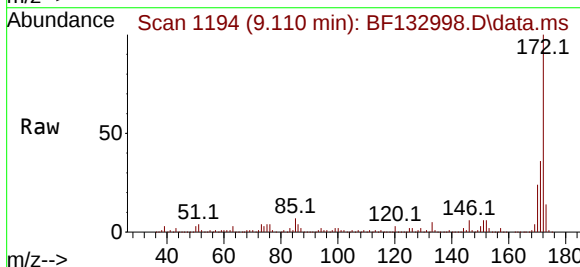
Tgt Ion:172 Resp: 2493991

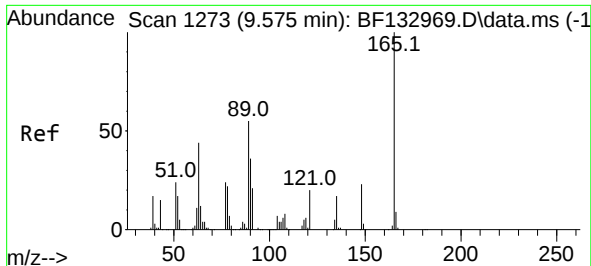
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.0 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 4.156 ng

RT: 9.545 min Scan# 11

Delta R.T. -0.029 min

Lab File: BF132998.D

Acq: 24 Apr 2023 16:40

Instrument :

BNA_F

ClientSampleId :

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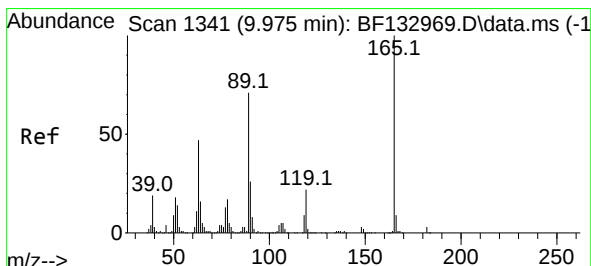
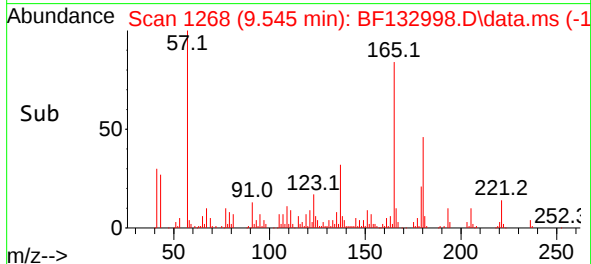
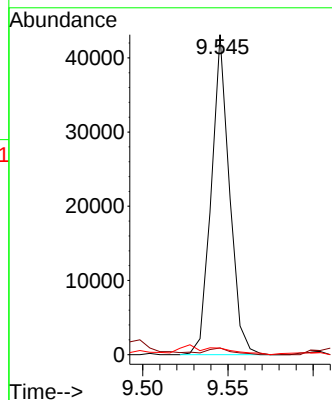
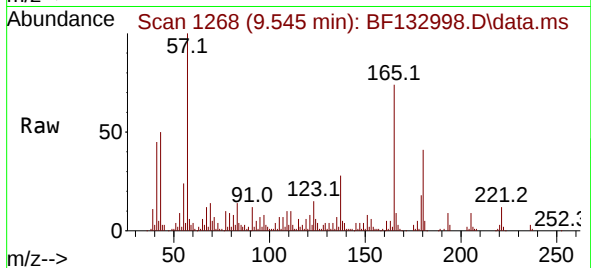
Tgt Ion:165 Resp: 31949

Ion Ratio Lower Upper

165 100

63 2.1 45.9 68.9#

89 2.1 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.502 ng

RT: 9.781 min Scan# 1308

Delta R.T. -0.194 min

Lab File: BF132998.D

Acq: 24 Apr 2023 16:40

Tgt Ion:165 Resp: 63738

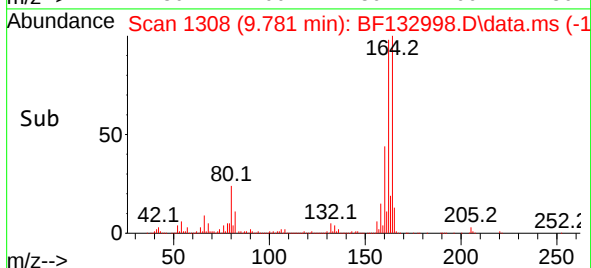
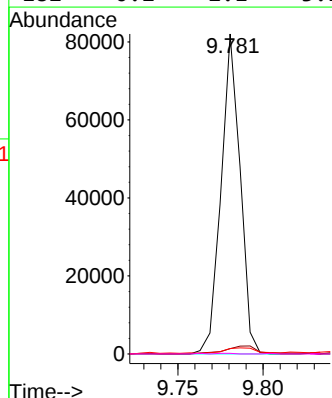
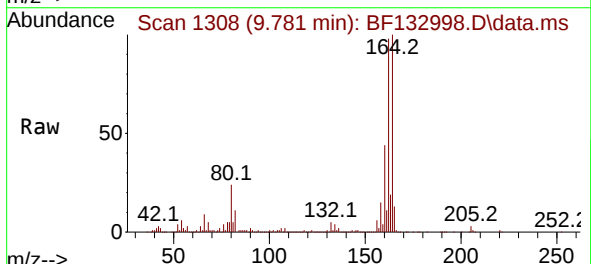
Ion Ratio Lower Upper

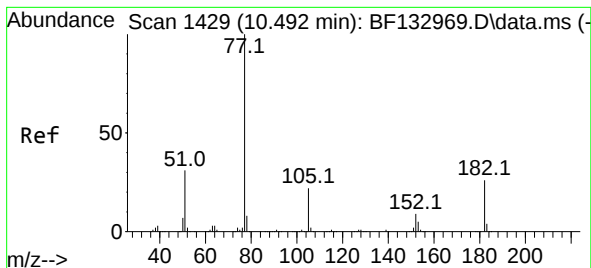
165 100

63 1.6 37.7 56.5#

89 1.7 57.0 85.4#

182 0.2 2.1 3.1#





#63

Azobenzene

Concen: 13.462 ng

RT: 10.498 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF132998.D

Acq: 24 Apr 2023 16:40

Instrument :

BNA_F

ClientSampleId :

EFF-WW

Tgt Ion: 77 Resp: 460055

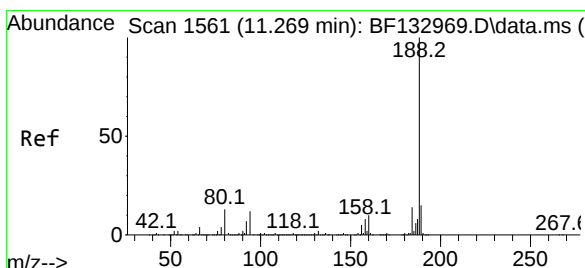
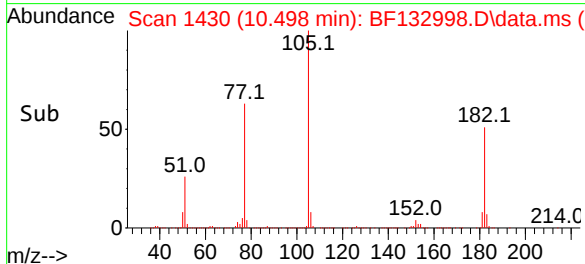
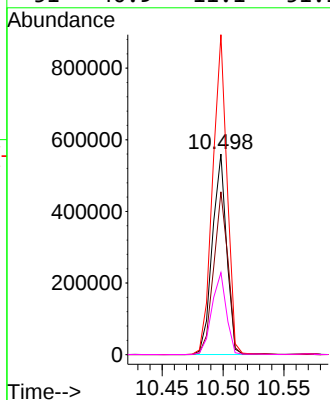
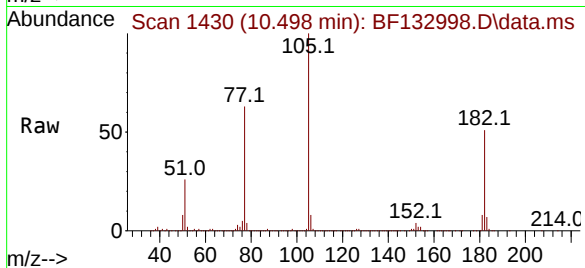
Ion Ratio Lower Upper

77 100

182 81.2 5.9 45.9#

105 159.5 2.3 42.3#

51 40.9 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1560

Delta R.T. -0.006 min

Lab File: BF132998.D

Acq: 24 Apr 2023 16:40

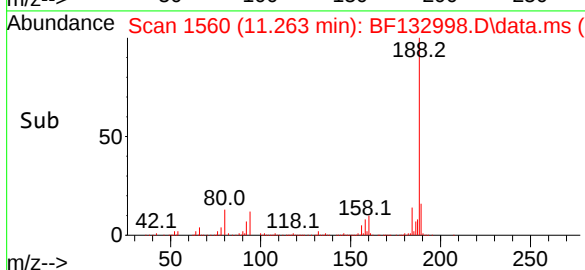
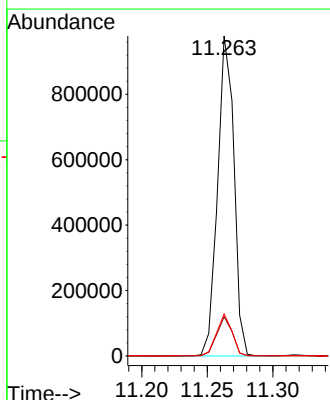
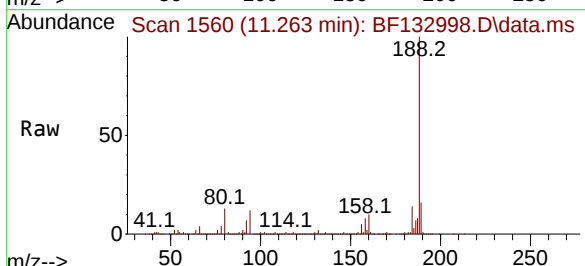
Tgt Ion:188 Resp: 847839

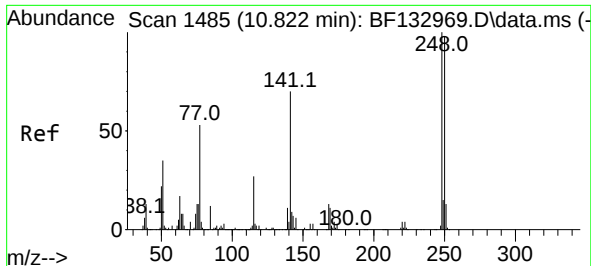
Ion Ratio Lower Upper

188 100

94 12.2 9.7 14.5

80 13.2 10.4 15.6

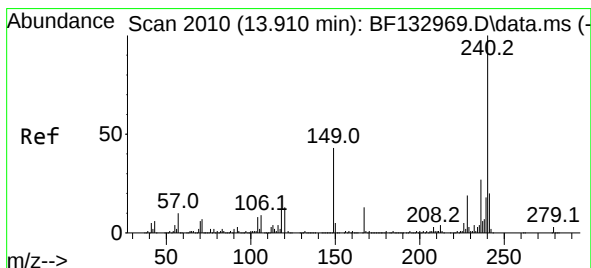
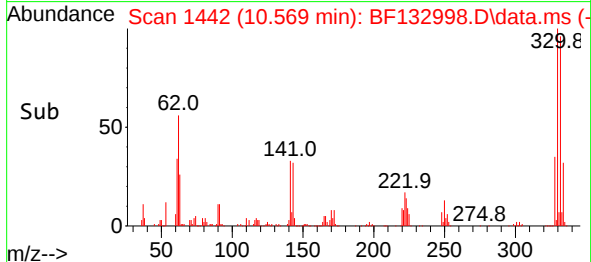
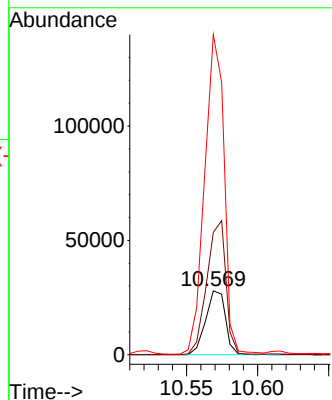
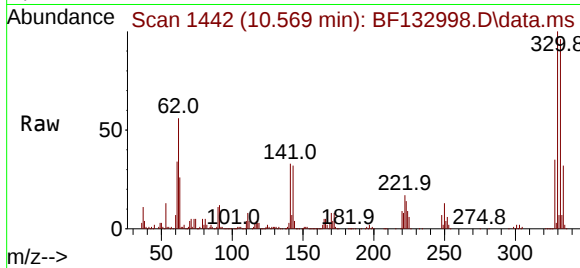




#67
4-Bromophenyl-phenylether
Concen: 2.939 ng
RT: 10.569 min Scan# 1485
Delta R.T. -0.253 min
Lab File: BF132998.D
Acq: 24 Apr 2023 16:40

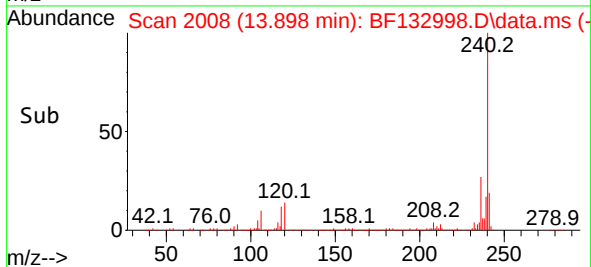
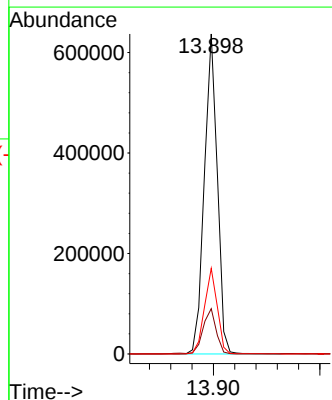
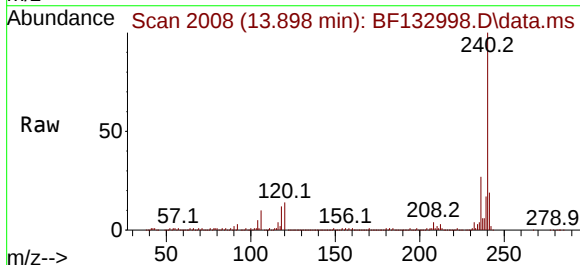
Instrument :
BNA_F
ClientSampleId :
EFF-WW

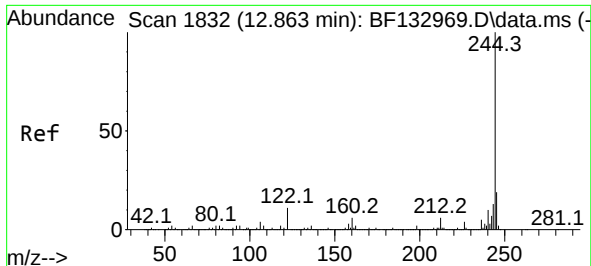
Tgt Ion:248 Resp: 27026
Ion Ratio Lower Upper
248 100
250 191.4 78.7 118.1#
141 501.2 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF132998.D
Acq: 24 Apr 2023 16:40

Tgt Ion:240 Resp: 540295
Ion Ratio Lower Upper
240 100
120 14.1 10.5 15.7
236 26.8 21.5 32.3

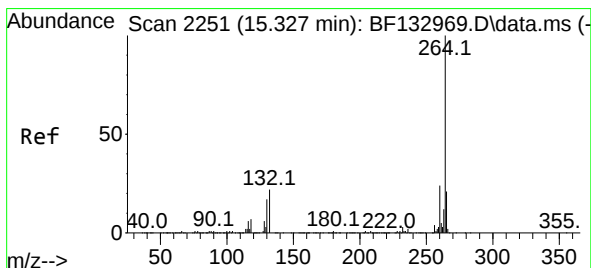
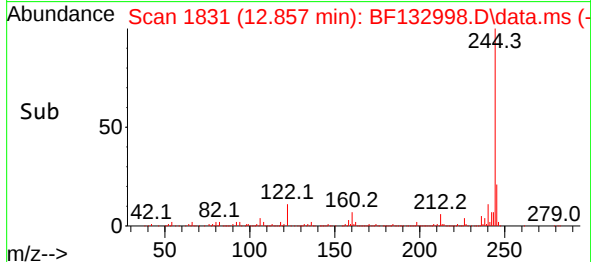
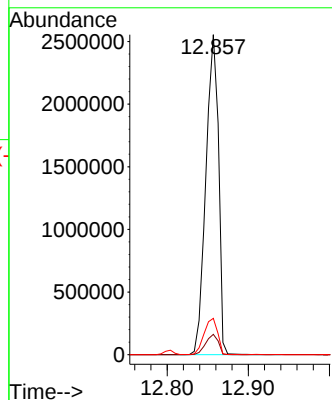
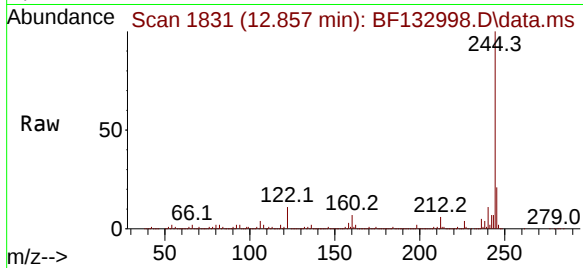




#79
Terphenyl-d14
Concen: 87.799 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF132998.D
Acq: 24 Apr 2023 16:40

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:244 Resp: 2750529
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 11.4 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.321 min Scan# 2250
Delta R.T. -0.006 min
Lab File: BF132998.D
Acq: 24 Apr 2023 16:40

Tgt Ion:264 Resp: 482702
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 22.3 17.0 25.4

