

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129830.D
 Acq On : 17 Aug 2022 01:36
 Operator : CG\JU
 Sample : N4189-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB12

Quant Time: Aug 17 02:43:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

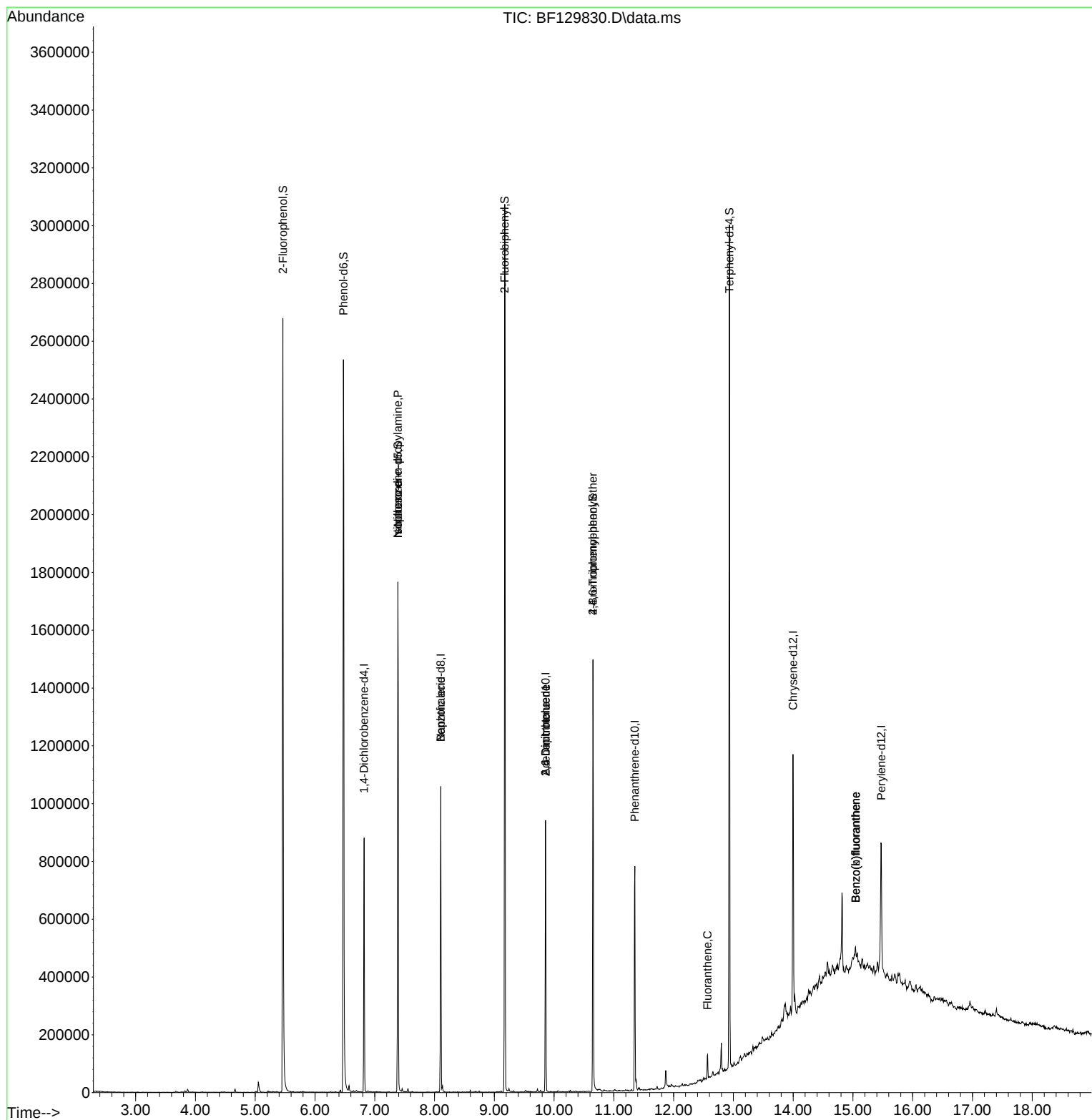
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	120029	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	418787	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	172819	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	277147	20.000	ng	0.00
76) Chrysene-d12	13.998	240	275961	20.000	ng	0.00
86) Perylene-d12	15.474	264	212298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	751467	103.659	ng	0.00
7) Phenol-d6	6.475	99	875177	96.403	ng	0.00
23) Nitrobenzene-d5	7.386	82	552480	70.621	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	158053	91.123	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	883027	77.604	ng	-0.01
79) Terphenyl-d14	12.933	244	897354	54.107	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.386	77	56	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.386	70	73526	12.813	ng	# 75
25) Isophorone	7.386	82	552467	41.030	ng	# 65
32) Benzoic acid	8.104	122	67	2.184	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	22291	8.295	ng	# 22
57) 2,4-Dinitrotoluene	9.857	165	22291	6.390	ng	# 17
67) 4-Bromophenyl-phenylether	10.651	248	10392	3.201	ng	# 1
75) Fluoranthene	12.568	202	32840	2.073	ng	99
77) Benzidine	12.663	184	580	Below Cal	#	1
88) Benzo(b)fluoranthene	15.045	252	35187	2.420	ng	# 43
89) Benzo(k)fluoranthene	15.045	252	35187	2.524	ng	# 42

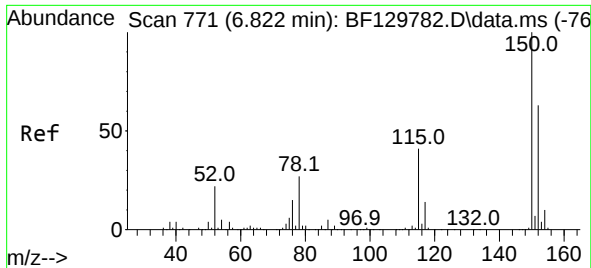
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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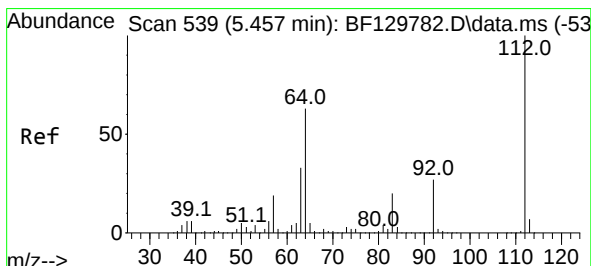
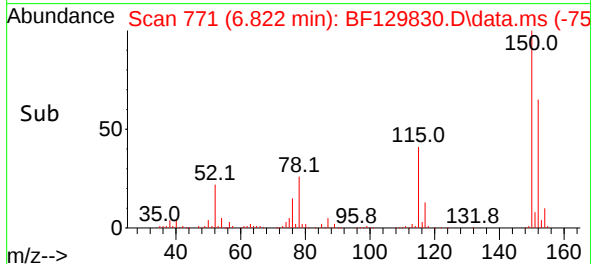
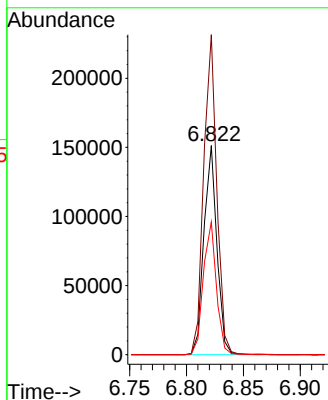
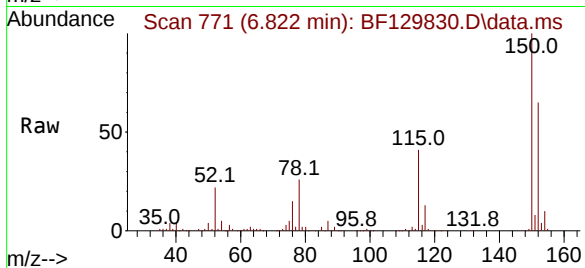




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129830.D
Acq: 17 Aug 2022 01:36

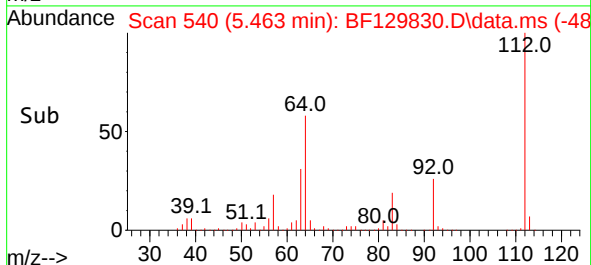
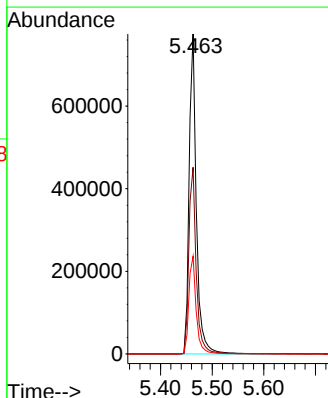
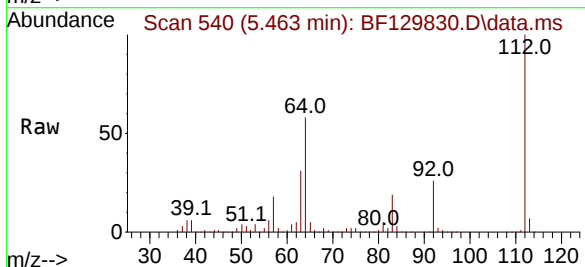
Instrument :
BNA_F
ClientSampleId :
SB12

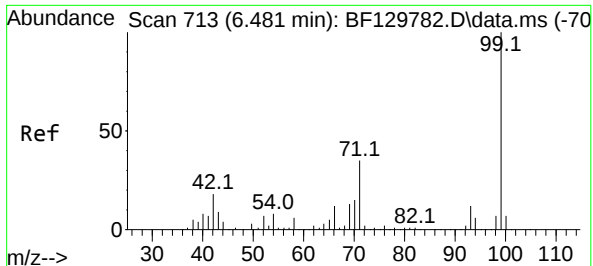
Tgt Ion:152 Resp: 120029
Ion Ratio Lower Upper
152 100
150 153.0 126.9 190.3
115 63.4 53.4 80.0



#5
2-Fluorophenol
Concen: 103.659 ng
RT: 5.463 min Scan# 540
Delta R.T. -0.000 min
Lab File: BF129830.D
Acq: 17 Aug 2022 01:36

Tgt Ion:112 Resp: 751467
Ion Ratio Lower Upper
112 100
64 58.4 47.6 71.4
63 30.5 24.6 37.0

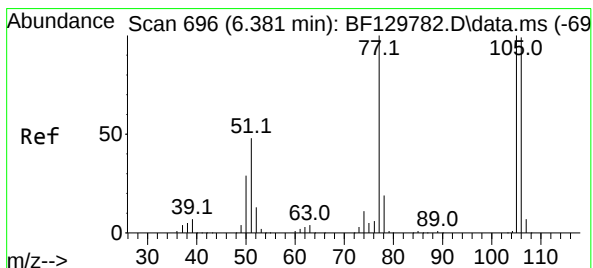
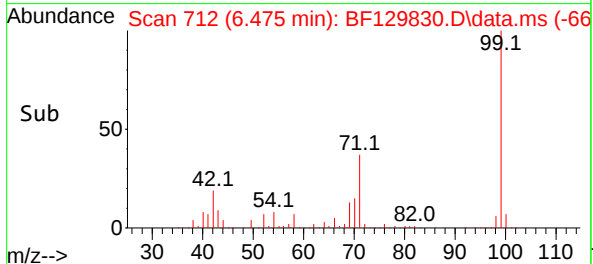
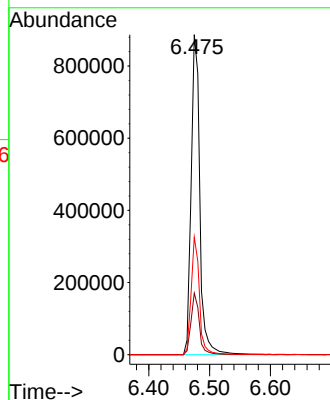
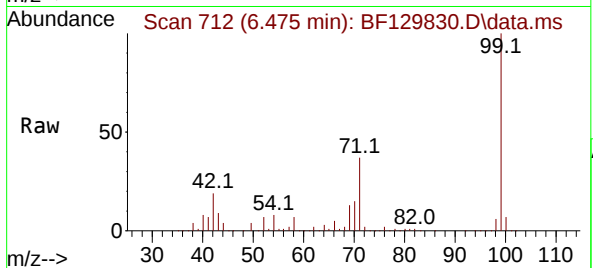




#7
Phenol-d6
Concen: 96.403 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129830.D
Acq: 17 Aug 2022 01:36

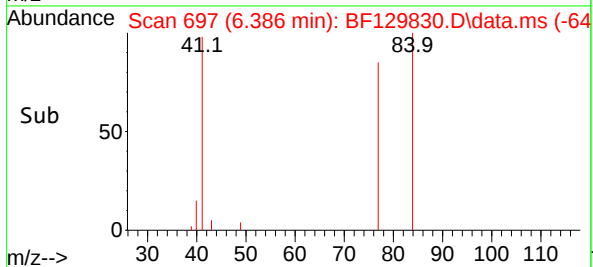
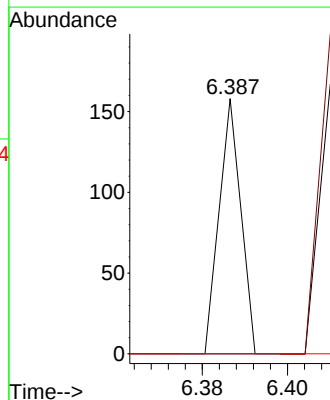
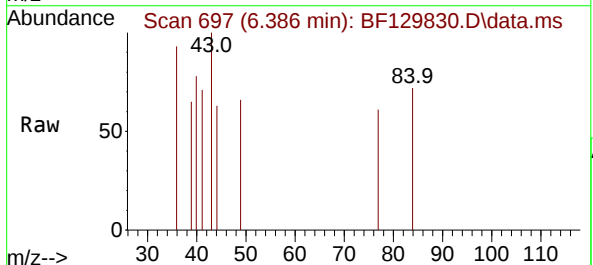
Instrument :
BNA_F
ClientSampleId :
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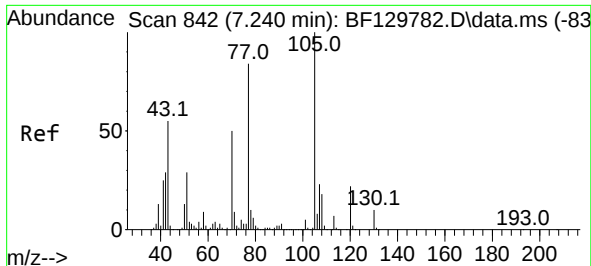
Tgt Ion: 99 Resp: 875177
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.4
71 36.8 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.386 min Scan# 697
Delta R.T. 0.005 min
Lab File: BF129830.D
Acq: 17 Aug 2022 01:36

Tgt Ion: 77 Resp: 56
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

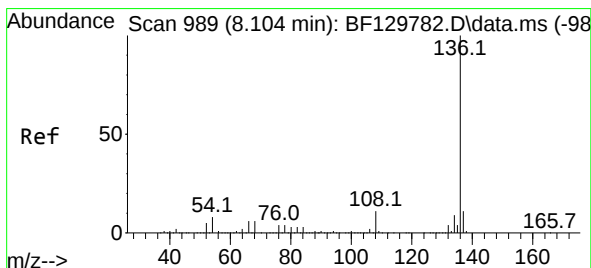
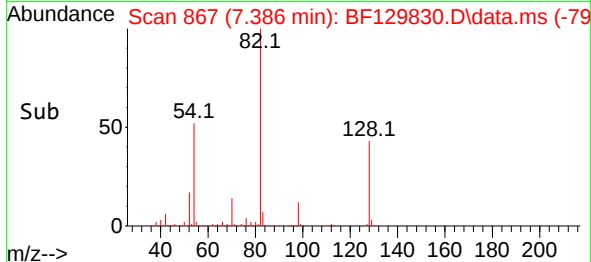
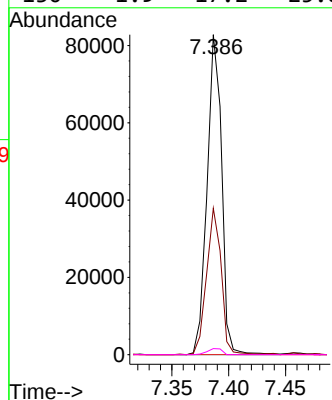
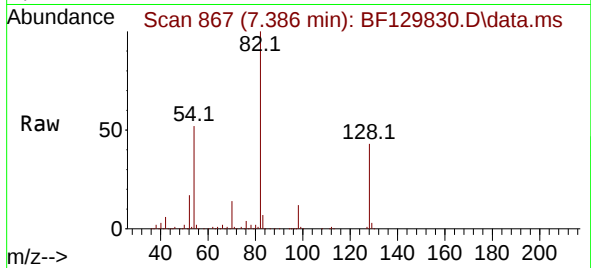




#19
n-Nitroso-di-n-propylamine
Concen: 12.813 ng
RT: 7.386 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129830.D
Acq: 17 Aug 2022 01:36

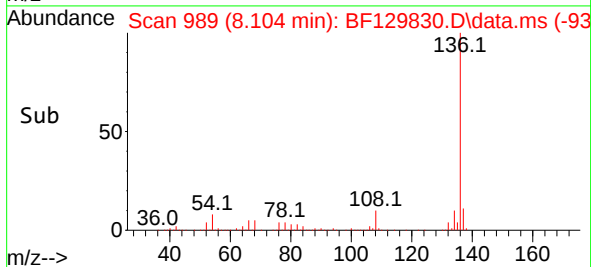
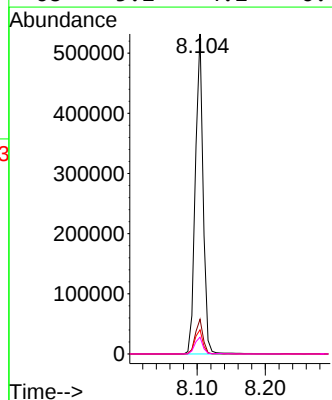
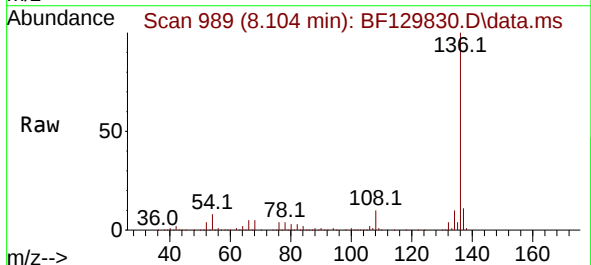
Instrument :
BNA_F
ClientSampleId :
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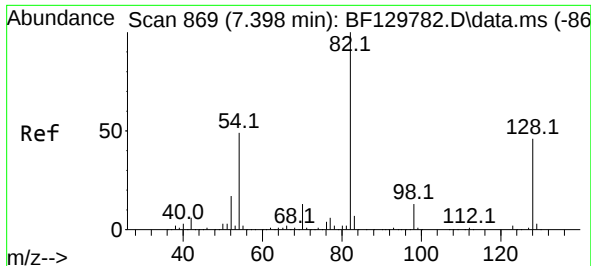
Tgt Ion: 70 Resp: 73526
Ion Ratio Lower Upper
70 100
42 45.7 47.6 71.4#
101 0.0 8.1 12.1#
130 1.9 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129830.D
Acq: 17 Aug 2022 01:36

Tgt Ion:136 Resp: 418787
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.6 6.2 9.2
68 5.2 4.2 6.4

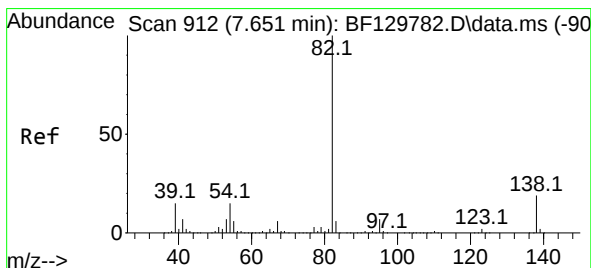
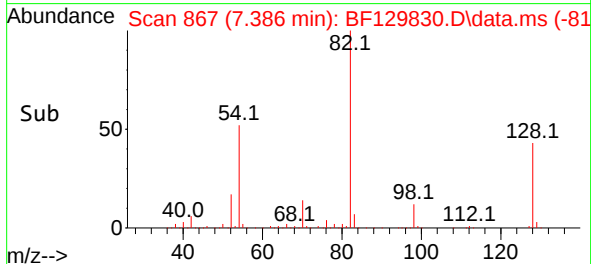
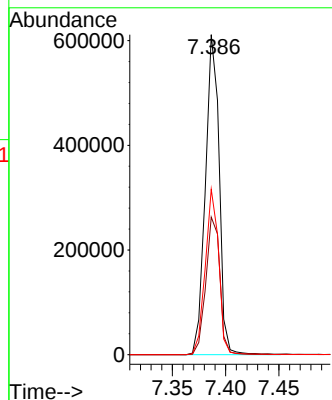
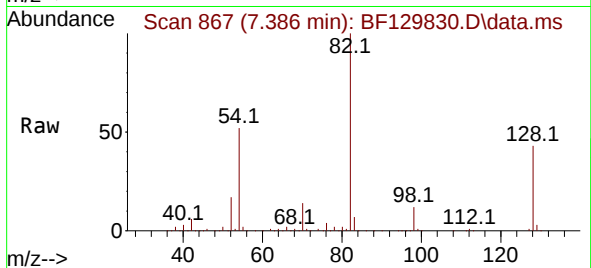




#23
Nitrobenzene-d5
Concen: 70.621 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF129830.D
Acq: 17 Aug 2022 01:36

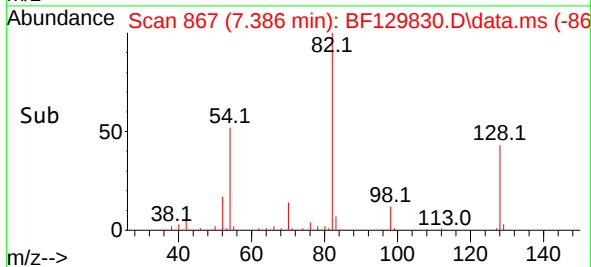
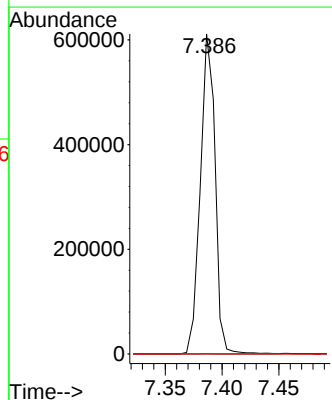
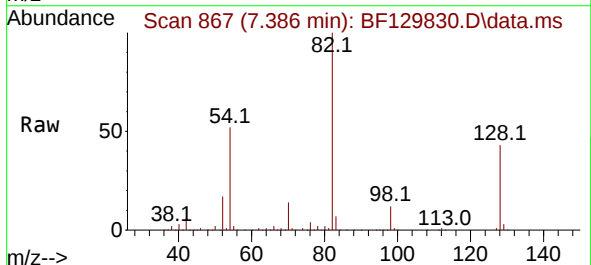
Instrument :
BNA_F
ClientSampleId :
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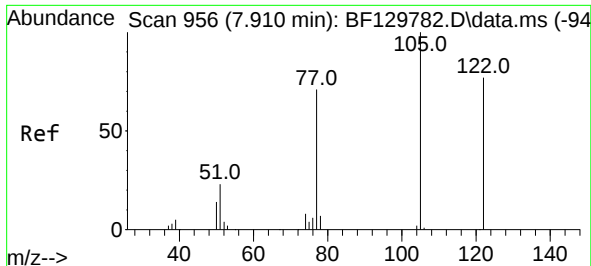
Tgt Ion: 82 Resp: 552480
Ion Ratio Lower Upper
82 100
128 43.0 36.1 54.1
54 51.7 40.0 60.0



#25
Isophorone
Concen: 41.030 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.265 min
Lab File: BF129830.D
Acq: 17 Aug 2022 01:36

Tgt Ion: 82 Resp: 552467
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

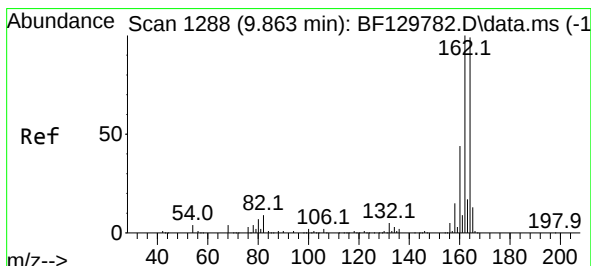
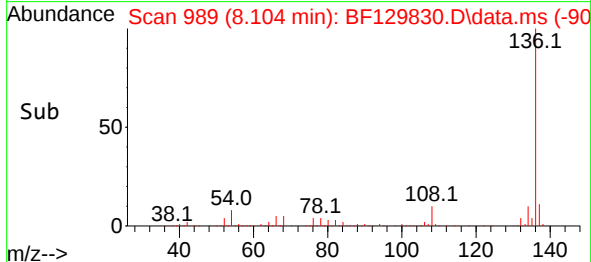
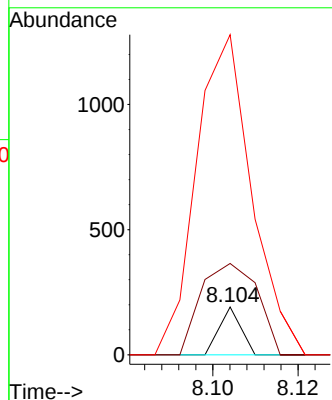
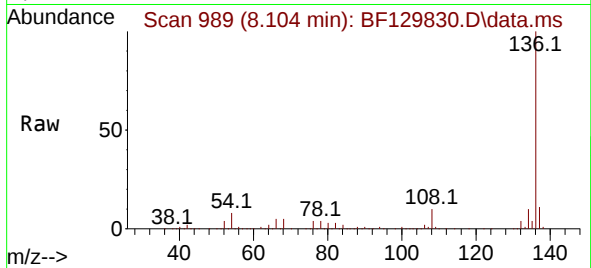




#32
Benzoic acid
Concen: 2.184 ng
RT: 8.104 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129830.D
Acq: 17 Aug 2022 01:36

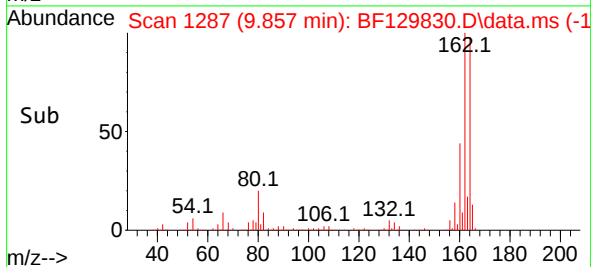
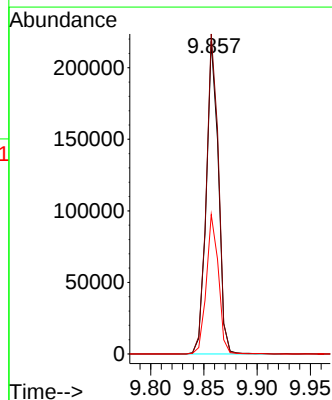
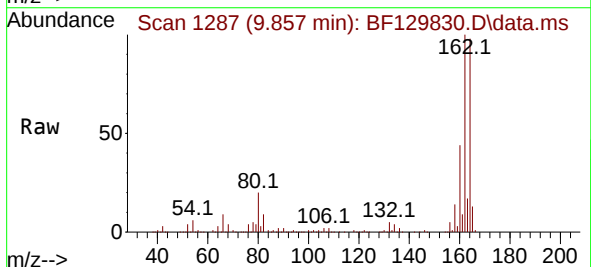
Instrument :
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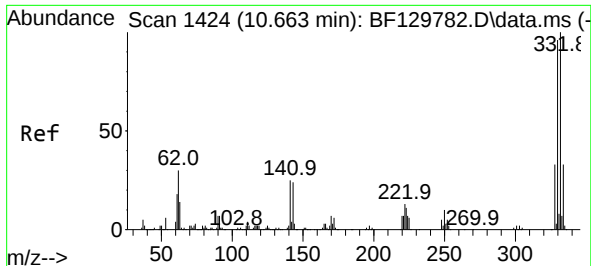
Tgt Ion:	122	Resp:	67
Ion	Ratio	Lower	Upper
122	100		
105	191.1	99.9	139.9#
77	669.6	65.9	105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129830.D
Acq: 17 Aug 2022 01:36

Tgt Ion:	164	Resp:	172819
Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.0	123.0
160	44.6	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 91.123 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.012 min

Lab File: BF129830.D

Acq: 17 Aug 2022 01:36

Instrument :

BNA_F

ClientSampleId :

SB12

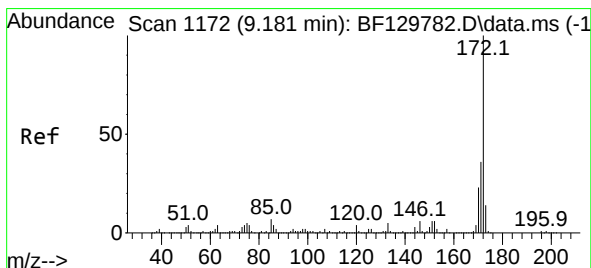
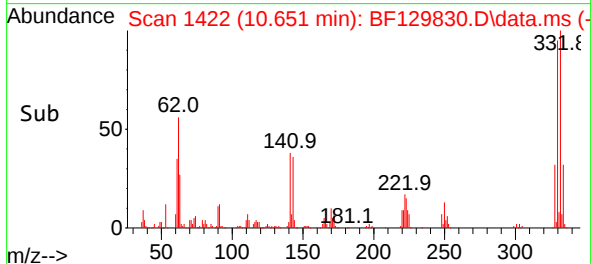
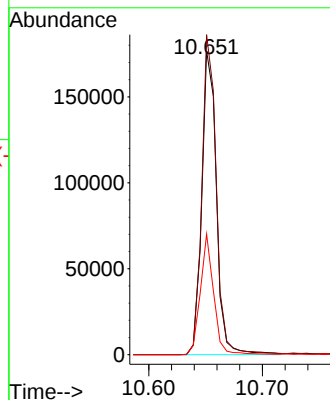
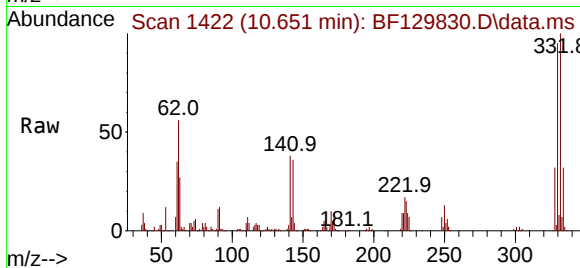
Tgt Ion:330 Resp: 158053

Ion Ratio Lower Upper

330 100

332 105.4 82.6 124.0

141 36.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 77.604 ng

RT: 9.175 min Scan# 1171

Delta R.T. -0.012 min

Lab File: BF129830.D

Acq: 17 Aug 2022 01:36

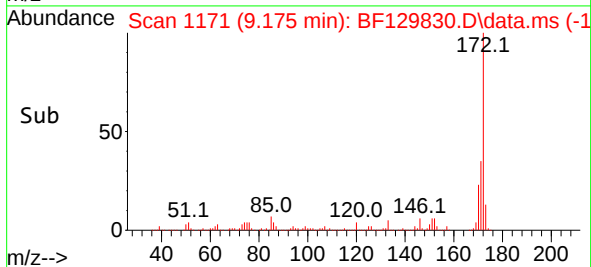
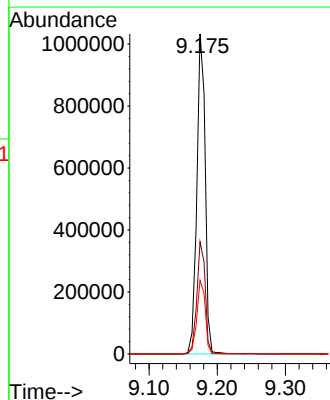
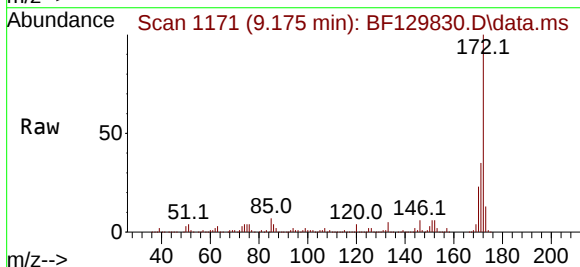
Tgt Ion:172 Resp: 883027

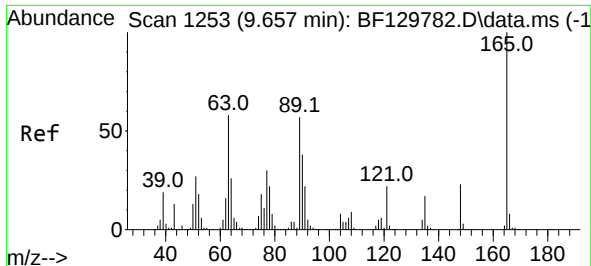
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.0 19.1 28.7

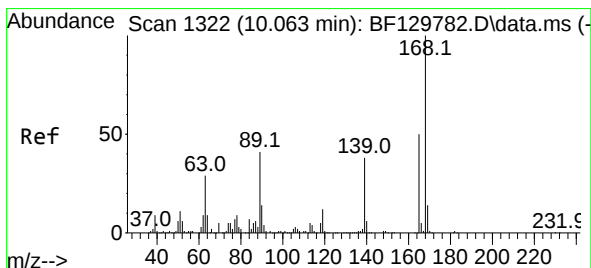
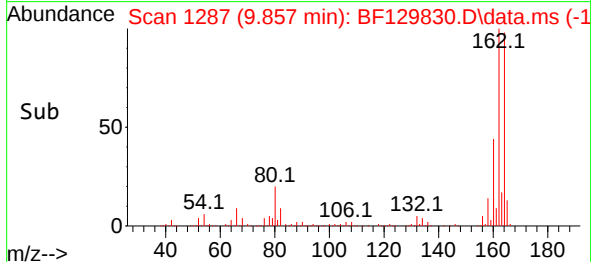
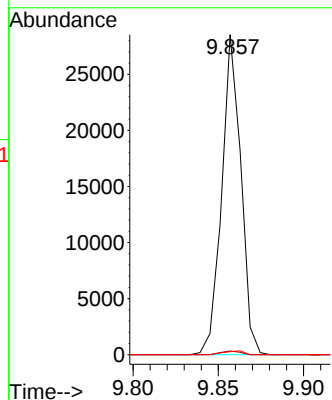
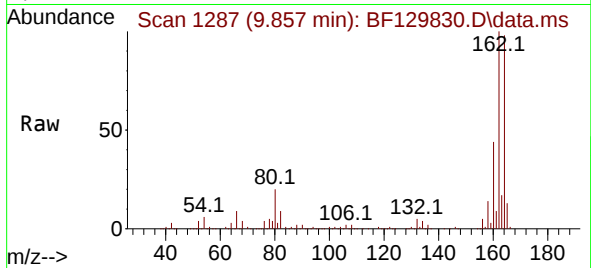




#51
2,6-Dinitrotoluene
Concen: 8.295 ng
RT: 9.857 min Scan# 1287
Delta R.T. 0.200 min
Lab File: BF129830.D
Acq: 17 Aug 2022 01:36

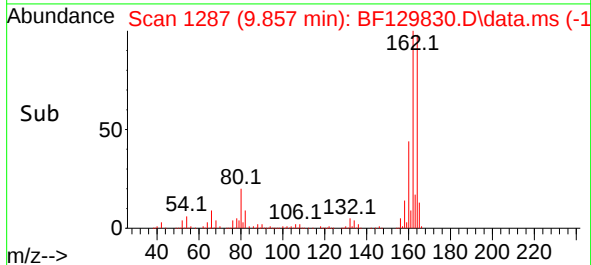
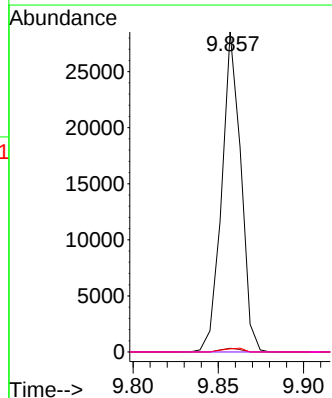
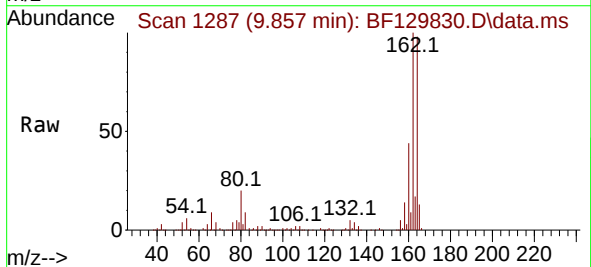
Instrument :
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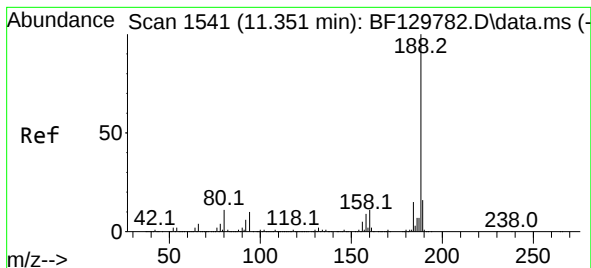
Tgt Ion:165 Resp: 22291
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.8#
89 0.9 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.390 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.212 min
Lab File: BF129830.D
Acq: 17 Aug 2022 01:36

Tgt Ion:165 Resp: 22291
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 0.9 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129830.D

Acq: 17 Aug 2022 01:36

Instrument :

BNA_F

ClientSampleId :

SB12

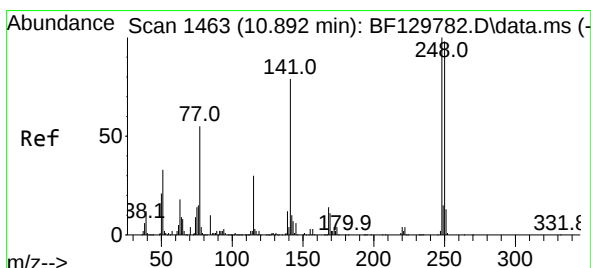
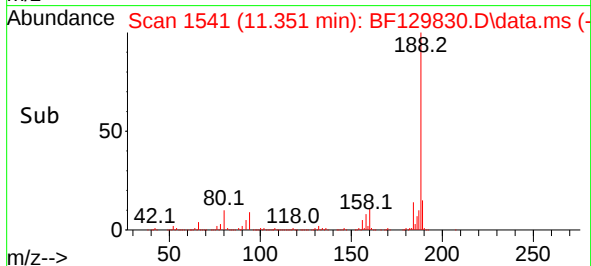
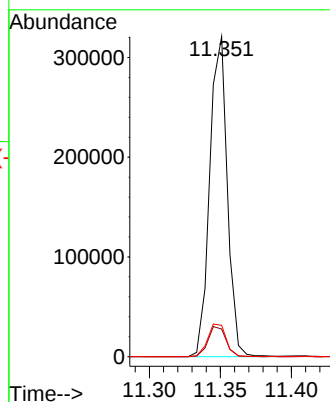
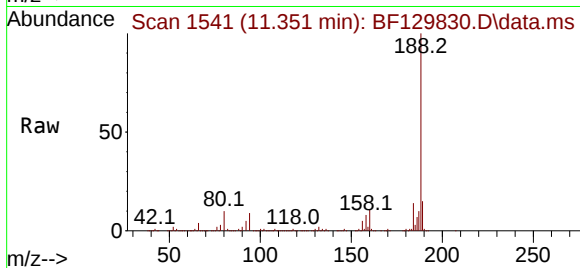
Tgt Ion:188 Resp: 277147

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.8 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 3.201 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.241 min

Lab File: BF129830.D

Acq: 17 Aug 2022 01:36

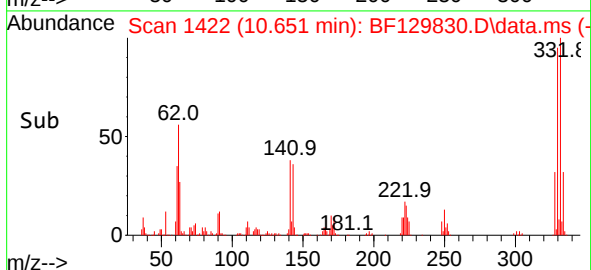
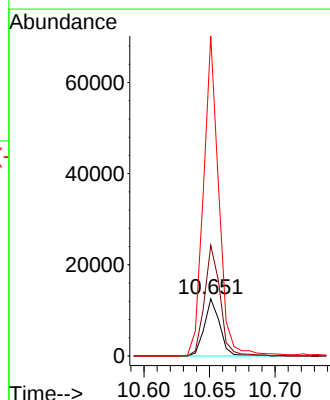
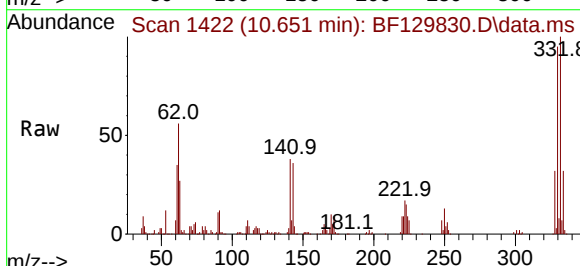
Tgt Ion:248 Resp: 10392

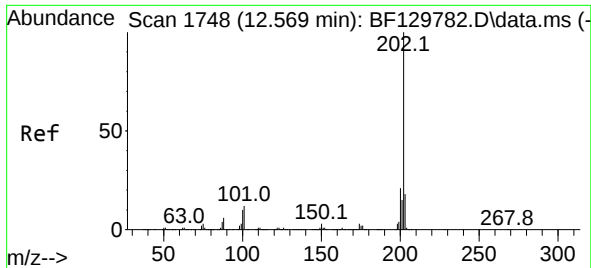
Ion Ratio Lower Upper

248 100

250 194.1 77.8 116.6#

141 560.7 66.2 99.2#

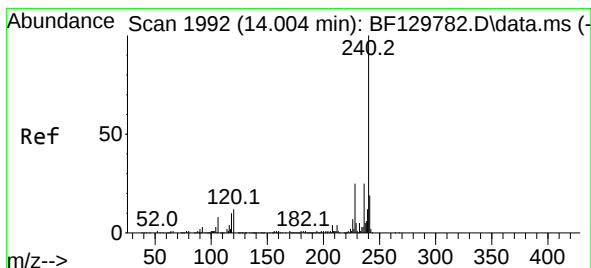
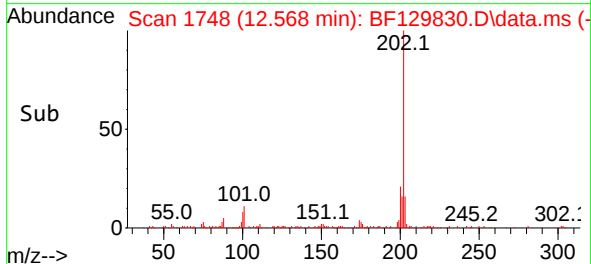
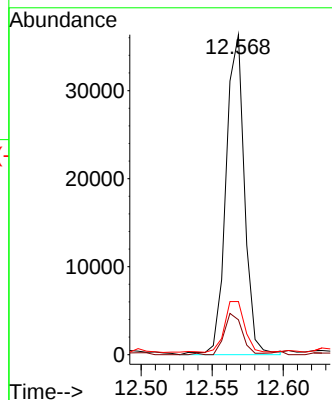
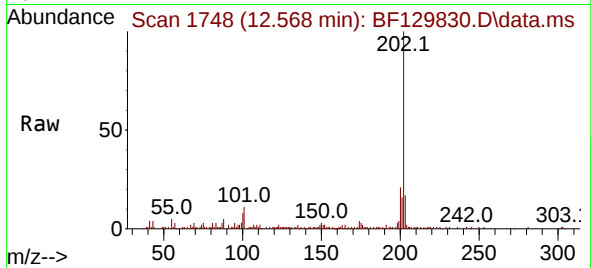




#75
Fluoranthene
Concen: 2.073 ng
RT: 12.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129830.D
Acq: 17 Aug 2022 01:36

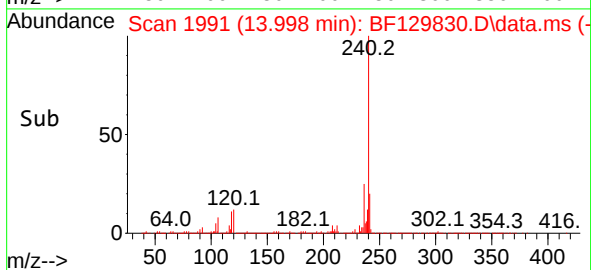
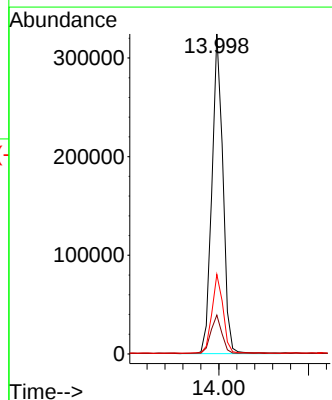
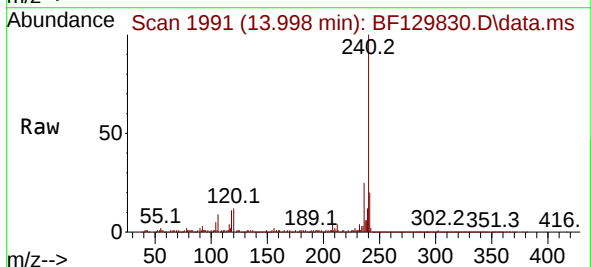
Instrument :
BNA_F
ClientSampleId :
SB12

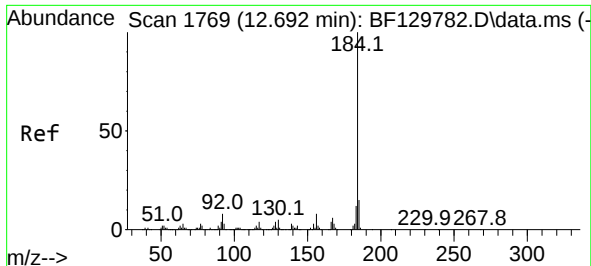
Tgt Ion:202 Resp: 32840
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 16.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129830.D
Acq: 17 Aug 2022 01:36

Tgt Ion:240 Resp: 275961
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 24.8 20.7 31.1

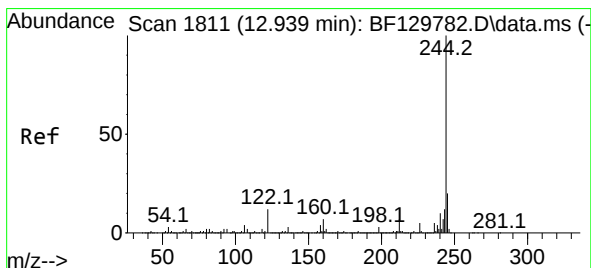
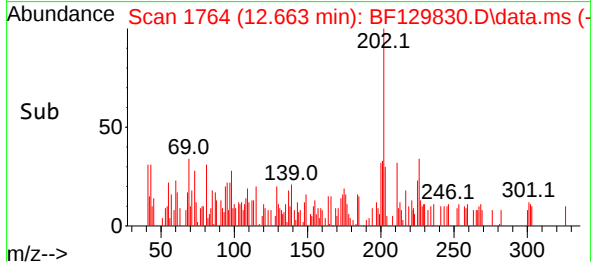
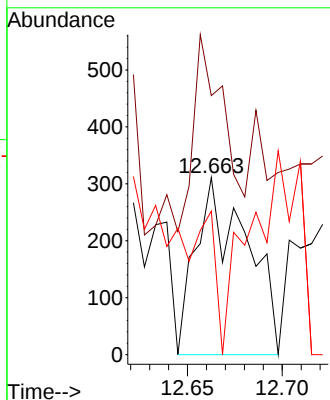
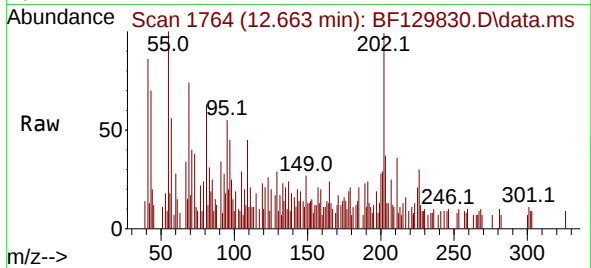




#77
Benzidine
Concen: Below Cal
RT: 12.663 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF129830.D
Acq: 17 Aug 2022 01:36

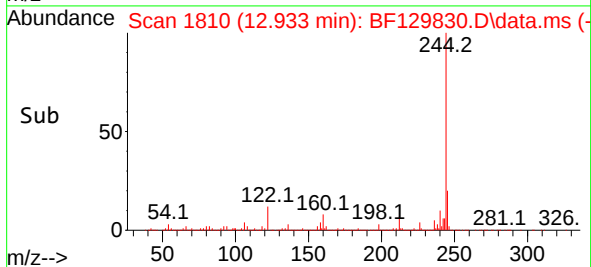
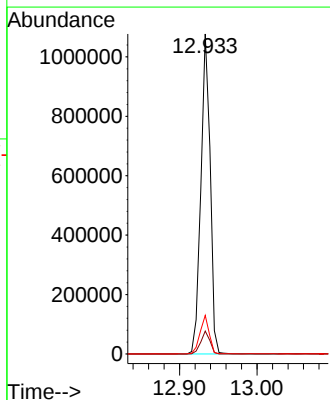
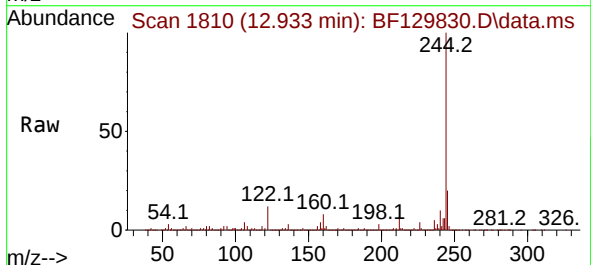
Instrument :
BNA_F
ClientSampleId :
SB12

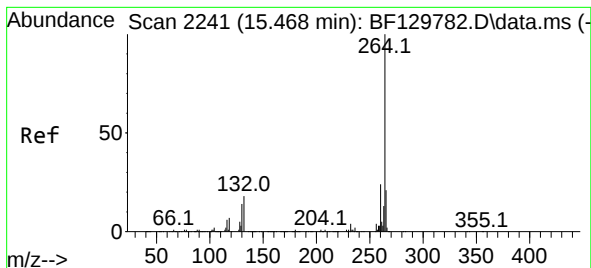
Tgt Ion:184 Resp: 580
Ion Ratio Lower Upper
184 100
185 146.3 11.4 17.2#
183 81.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 54.107 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF129830.D
Acq: 17 Aug 2022 01:36

Tgt Ion:244 Resp: 897354
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.0 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 211

Delta R.T. 0.006 min

Lab File: BF129830.D

Acq: 17 Aug 2022 01:36

Instrument :

BNA_F

ClientSampleId :

SB12

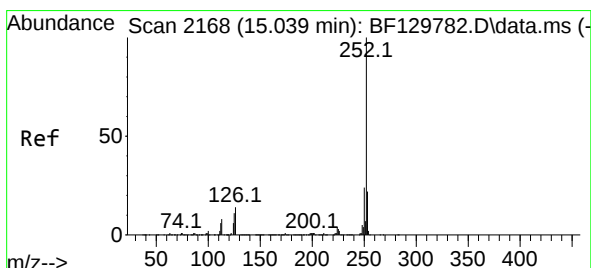
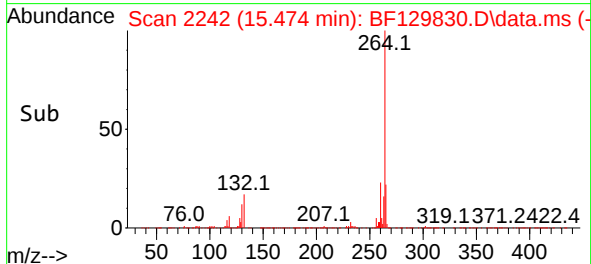
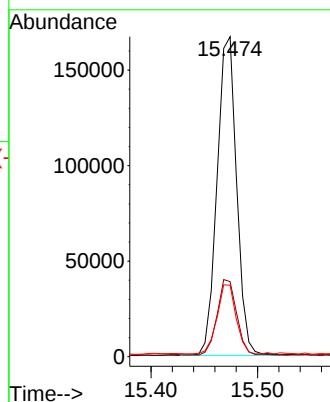
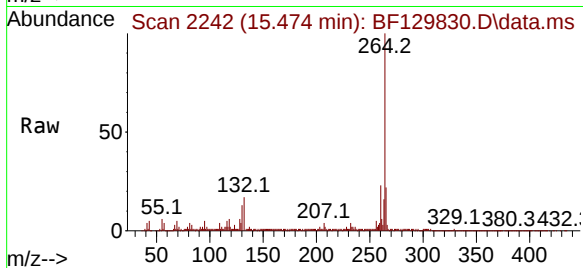
Tgt Ion:264 Resp: 212298

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 22.4 16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 2.420 ng

RT: 15.045 min Scan# 2169

Delta R.T. 0.006 min

Lab File: BF129830.D

Acq: 17 Aug 2022 01:36

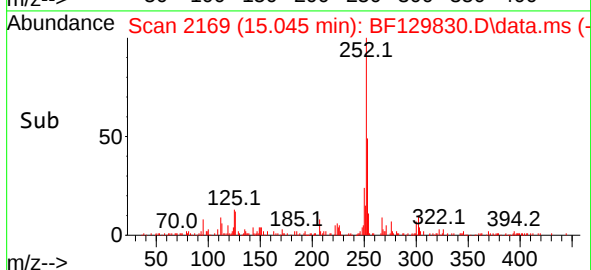
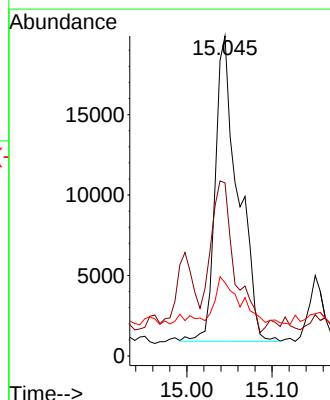
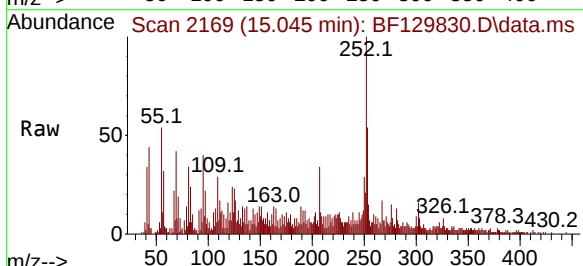
Tgt Ion:252 Resp: 35187

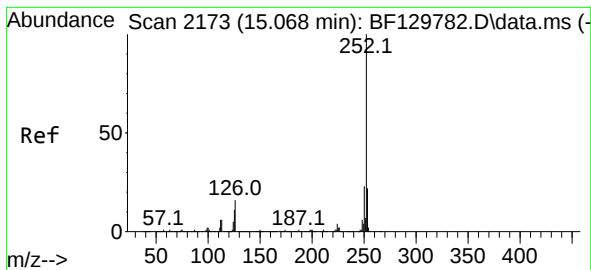
Ion Ratio Lower Upper

252 100

253 54.1 17.5 26.3#

125 22.9 8.3 12.5#





#89

Benzo(k)fluoranthene

Concen: 2.524 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF129830.D

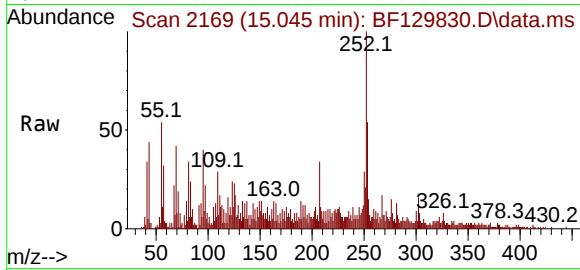
Acq: 17 Aug 2022 01:36

Instrument :

BNA_F

ClientSampleId :

SB12



Tgt Ion:252 Resp: 35187

Ion Ratio Lower Upper

252 100

253 54.1 17.1 25.7#

125 22.9 8.3 12.5#

