

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129844.D
 Acq On : 17 Aug 2022 14:30
 Operator : CG\JU
 Sample : N4189-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB13

Quant Time: Aug 17 16:48:01 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

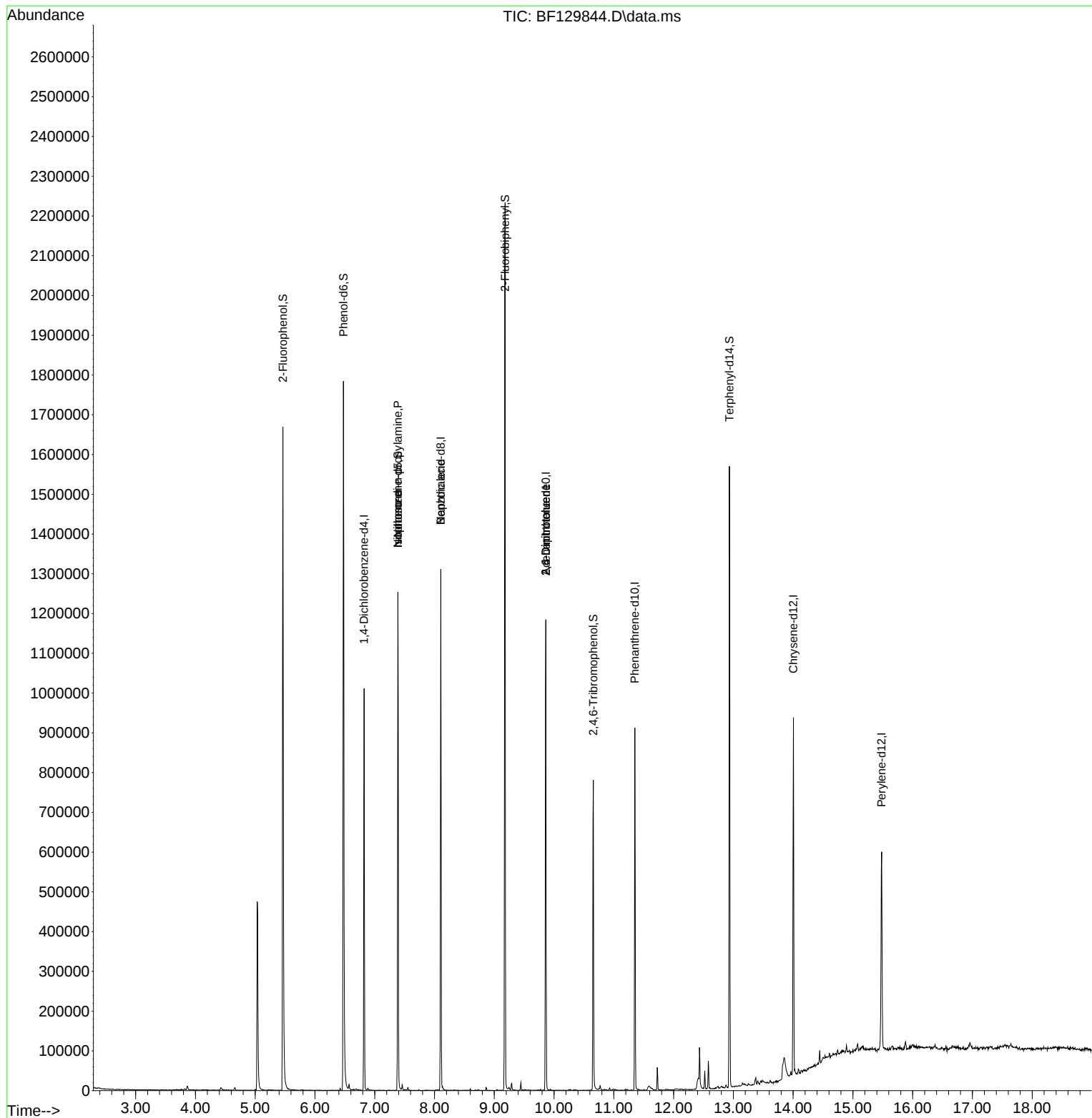
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	134685	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	520265	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	233506	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	296890	20.000	ng	0.00
76) Chrysene-d12	14.004	240	268729	20.000	ng	0.00
86) Perylene-d12	15.480	264	226285	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	480300	59.044	ng	0.00
7) Phenol-d6	6.475	99	603982	59.291	ng	0.00
23) Nitrobenzene-d5	7.387	82	380346	39.135	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	89285	38.098	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	701493	45.628	ng	0.00
79) Terphenyl-d14	12.933	244	495909	30.706	ng	0.00
Target Compounds						
9) Benzaldehyde	6.481	77	808	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.387	70	49560	7.697 ng	#	77
25) Isophorone	7.387	82	380336	22.737 ng	#	65
32) Benzoic acid	8.104	122	65	2.176 ng	#	1
51) 2,6-Dinitrotoluene	9.863	165	30410	8.375 ng	#	22
57) 2,4-Dinitrotoluene	9.863	165	30410	6.451 ng	#	18
77) Benzidine	12.933	184	6504	Below Cal	#	90

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

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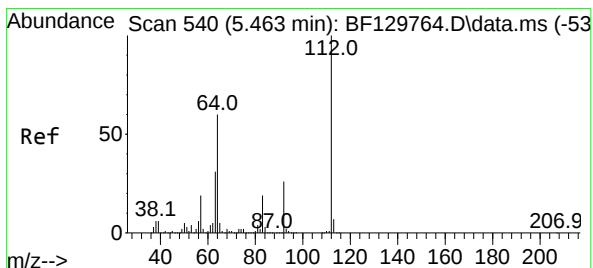
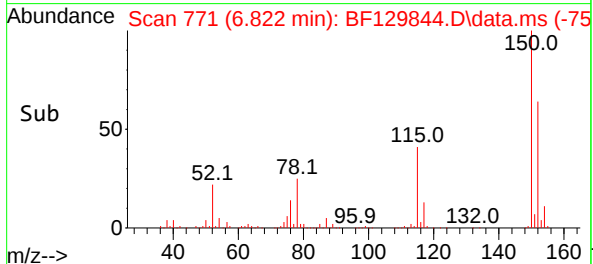
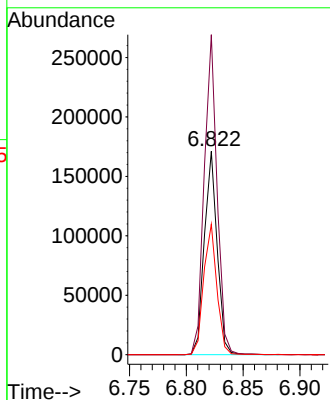
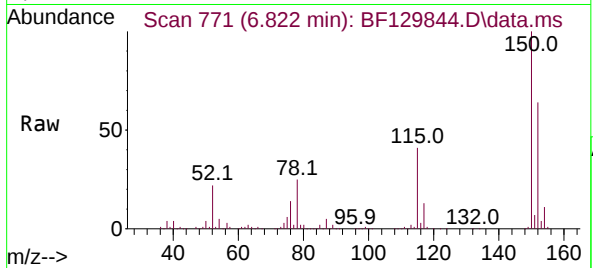




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129844.D
Acq: 17 Aug 2022 14:30

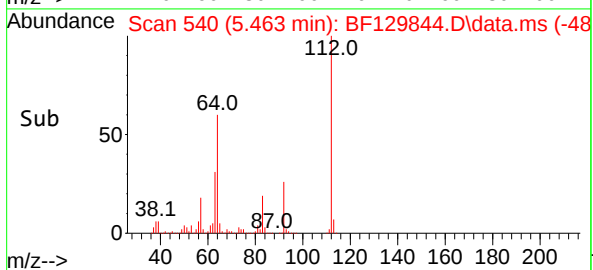
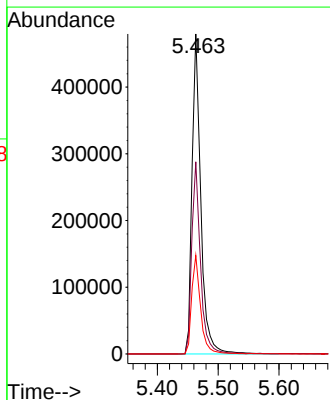
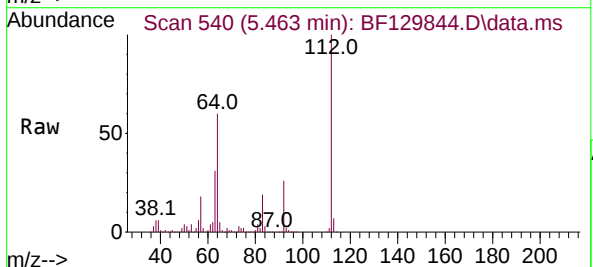
Instrument :
BNA_F
ClientSampleId :
SB13

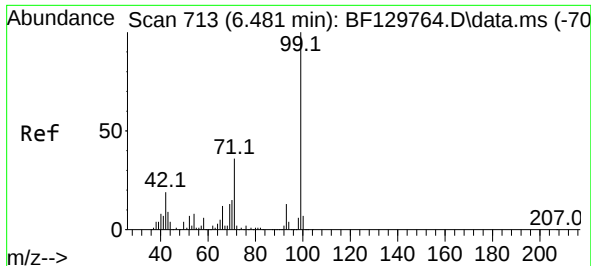
Tgt Ion:152 Resp: 134685
Ion Ratio Lower Upper
152 100
150 157.3 126.9 190.3
115 64.1 53.4 80.0



#5
2-Fluorophenol
Concen: 59.044 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.000 min
Lab File: BF129844.D
Acq: 17 Aug 2022 14:30

Tgt Ion:112 Resp: 480300
Ion Ratio Lower Upper
112 100
64 60.0 47.6 71.4
63 30.8 24.6 37.0

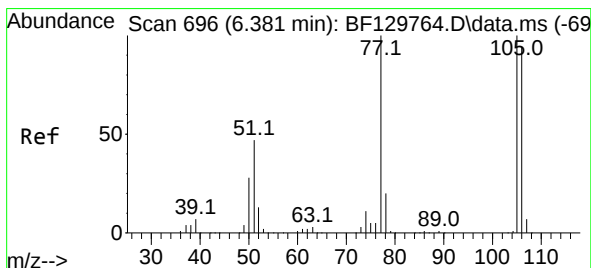
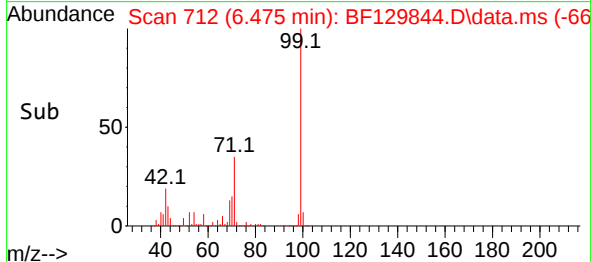
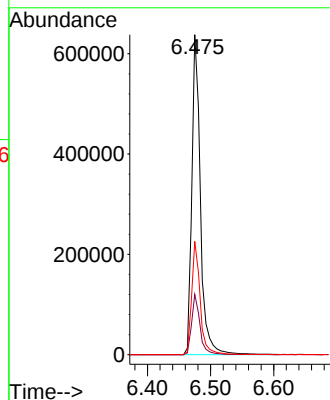
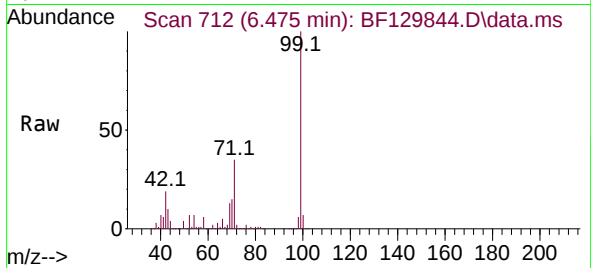




#7
Phenol-d6
Concen: 59.291 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129844.D
Acq: 17 Aug 2022 14:30

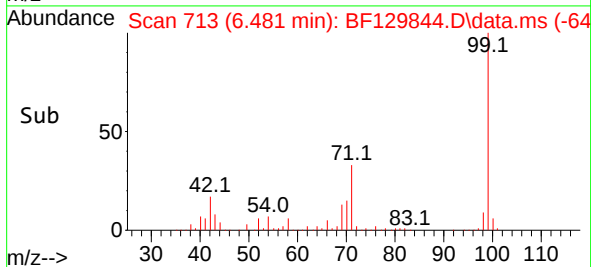
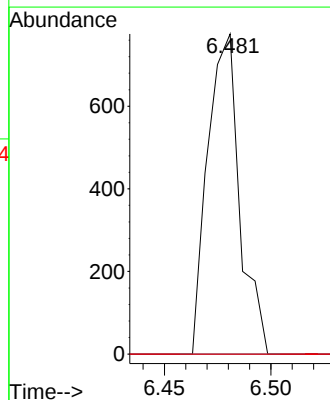
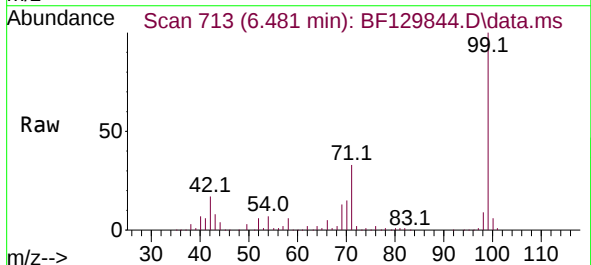
Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion: 99 Resp: 603982
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 35.4 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.100 min
Lab File: BF129844.D
Acq: 17 Aug 2022 14:30

Tgt Ion: 77 Resp: 808
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

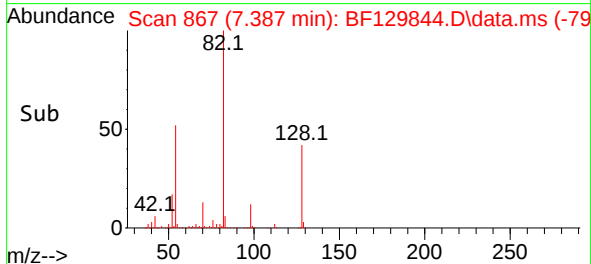
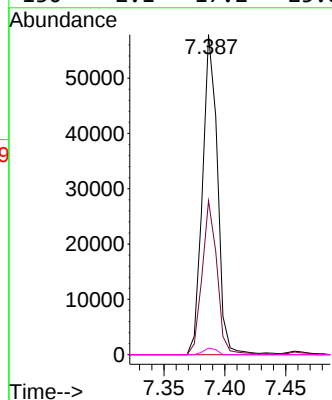
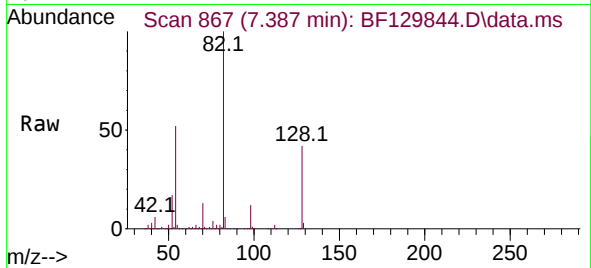




#19
n-Nitroso-di-n-propylamine
Concen: 7.697 ng
RT: 7.387 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129844.D
Acq: 17 Aug 2022 14:30

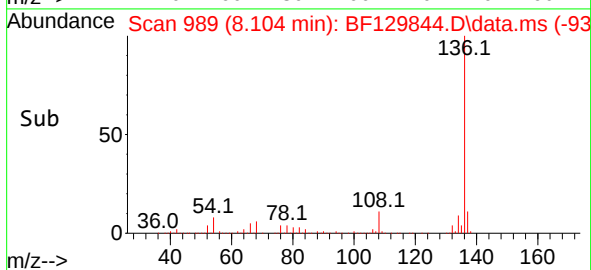
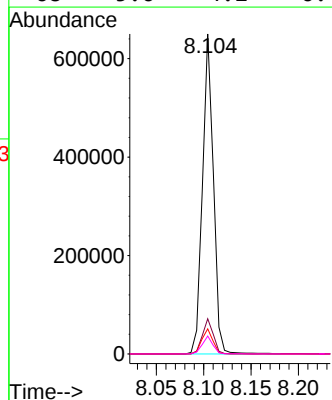
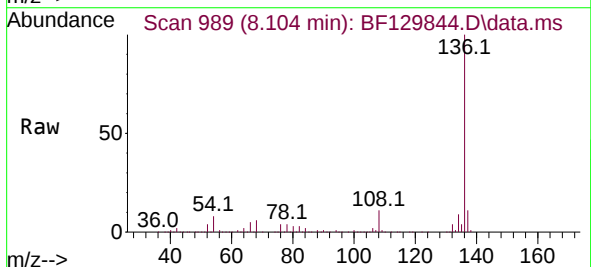
Instrument :
BNA_F
ClientSampleId :
SB13

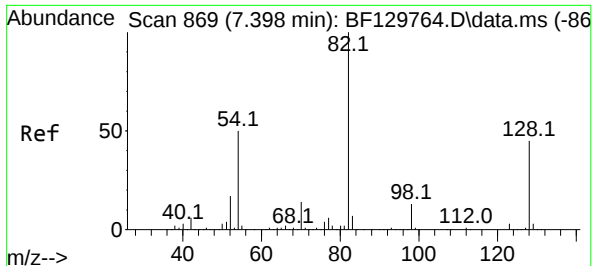
Tgt Ion: 70 Resp: 49560
Ion Ratio Lower Upper
70 100
42 48.1 47.6 71.4
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129844.D
Acq: 17 Aug 2022 14:30

Tgt Ion: 136 Resp: 520265
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.9 6.2 9.2
68 5.6 4.2 6.4

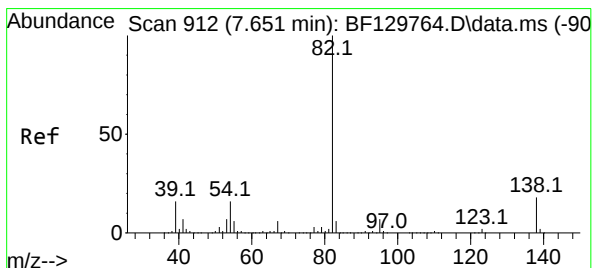
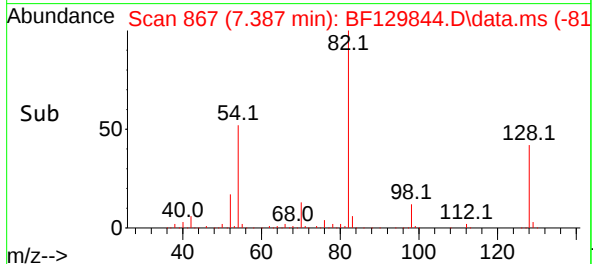
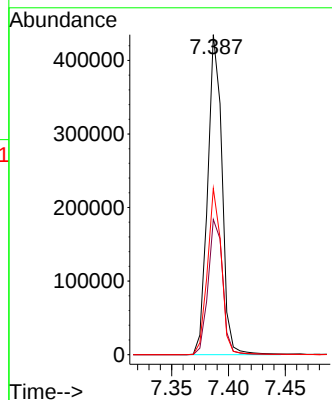
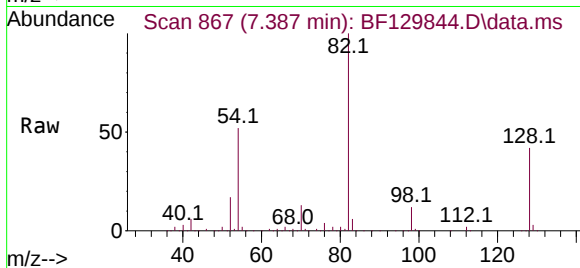




#23
Nitrobenzene-d5
Concen: 39.135 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF129844.D
Acq: 17 Aug 2022 14:30

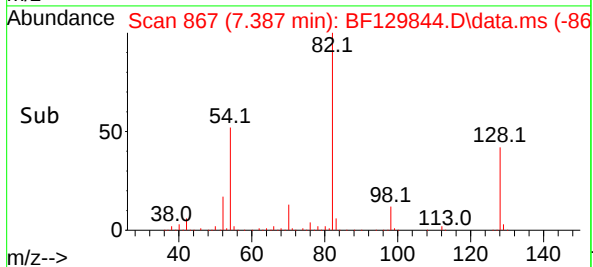
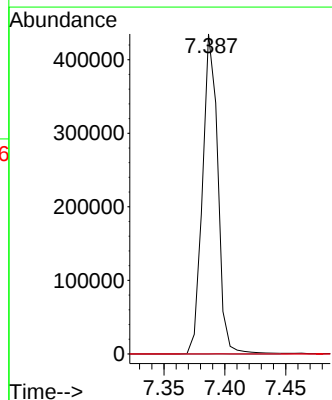
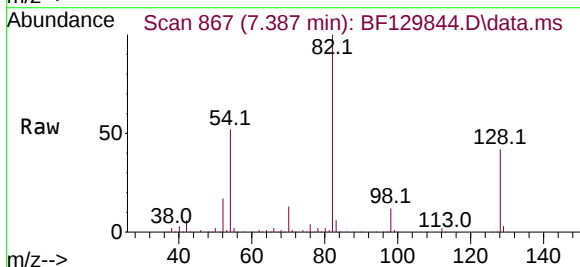
Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion: 82 Resp: 380346
Ion Ratio Lower Upper
82 100
128 42.3 36.1 54.1
54 51.9 40.0 60.0



#25
Isophorone
Concen: 22.737 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.265 min
Lab File: BF129844.D
Acq: 17 Aug 2022 14:30

Tgt Ion: 82 Resp: 380336
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

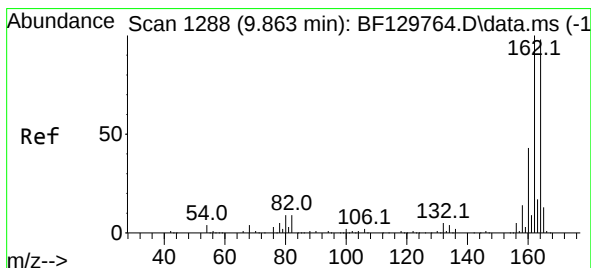
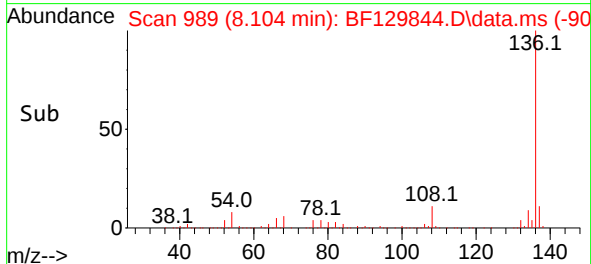
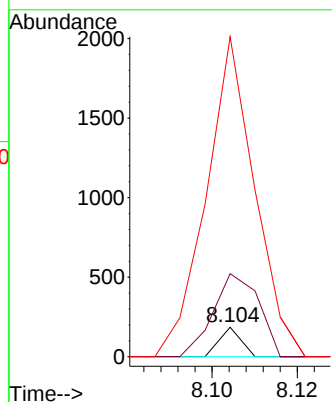
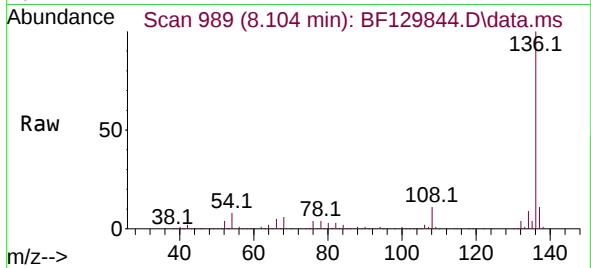




#32
Benzoic acid
Concen: 2.176 ng
RT: 8.104 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129844.D
Acq: 17 Aug 2022 14:30

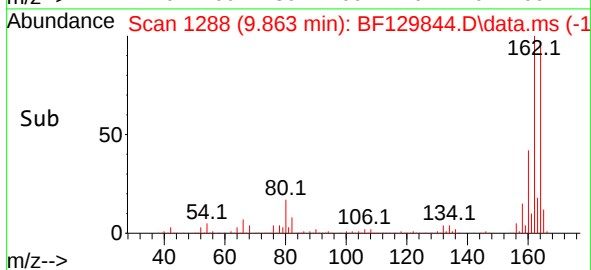
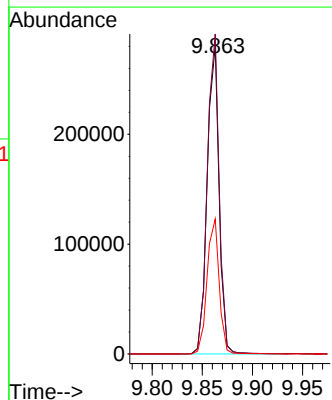
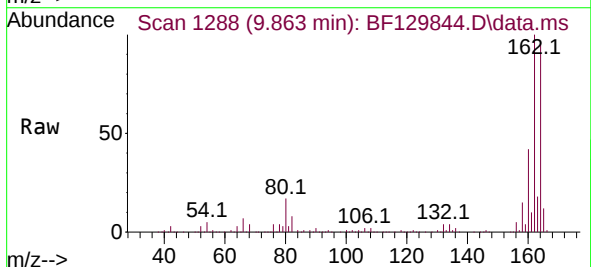
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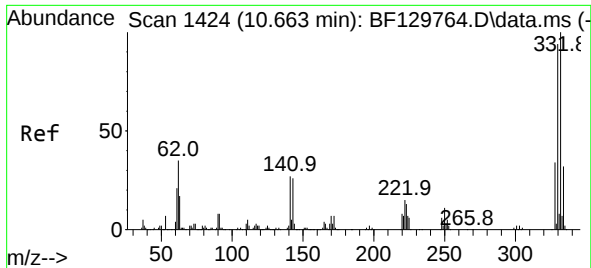
Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 282.2 99.9 139.9#
77 1087.6 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF129844.D
Acq: 17 Aug 2022 14:30

Tgt Ion:164 Resp: 233506
Ion Ratio Lower Upper
164 100
162 103.9 82.0 123.0
160 43.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 38.098 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129844.D

Acq: 17 Aug 2022 14:30

Instrument :

BNA_F

ClientSampleId :

SB13

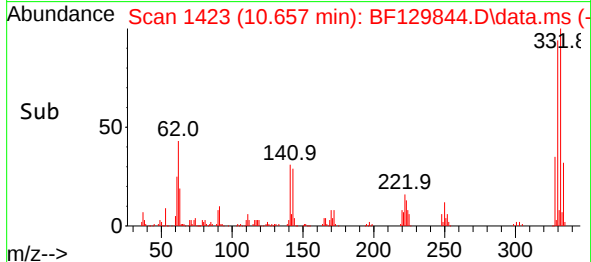
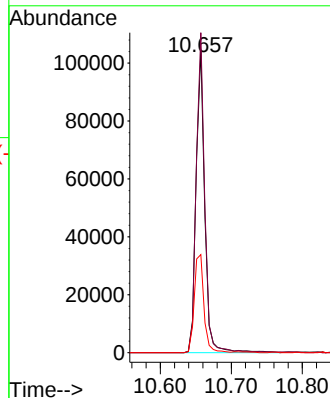
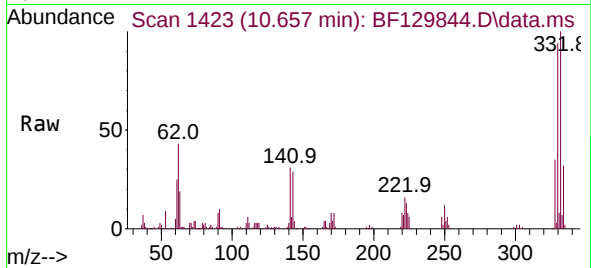
Tgt Ion:330 Resp: 89285

Ion Ratio Lower Upper

330 100

332 103.5 82.6 124.0

141 36.1 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 45.628 ng

RT: 9.181 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129844.D

Acq: 17 Aug 2022 14:30

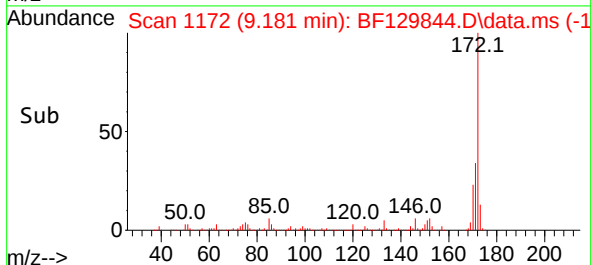
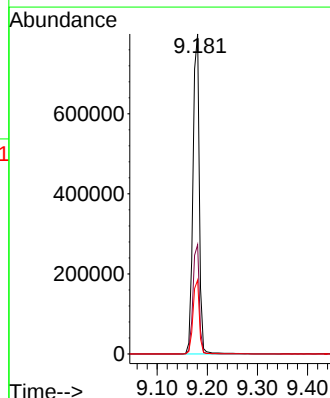
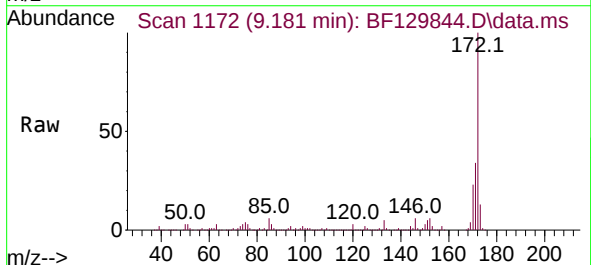
Tgt Ion:172 Resp: 701493

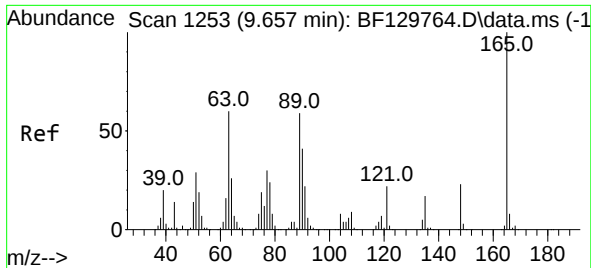
Ion Ratio Lower Upper

172 100

171 34.1 28.4 42.6

170 23.1 19.1 28.7

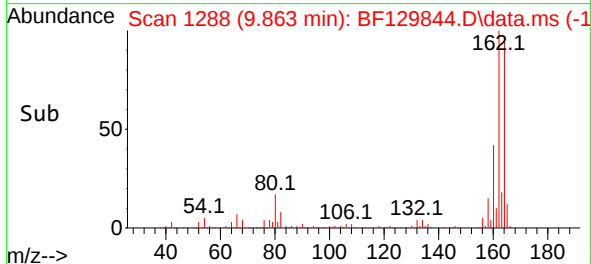
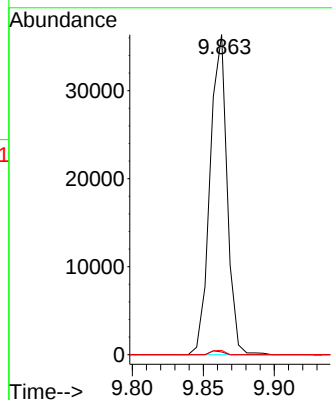
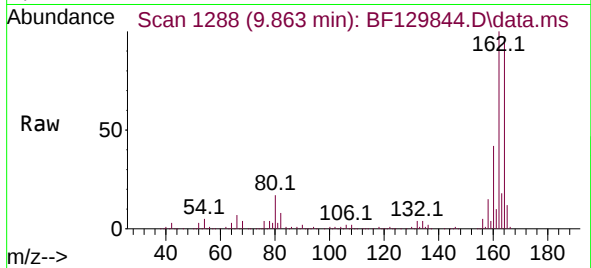




#51
2,6-Dinitrotoluene
Concen: 8.375 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF129844.D
Acq: 17 Aug 2022 14:30

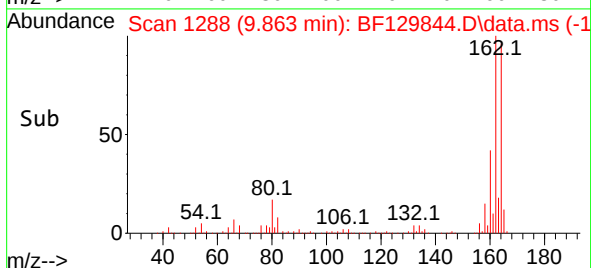
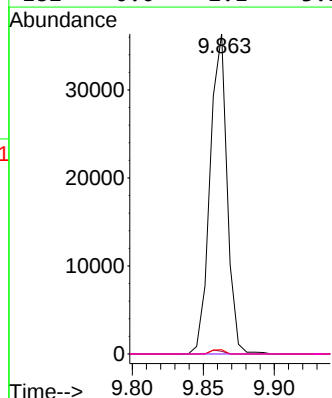
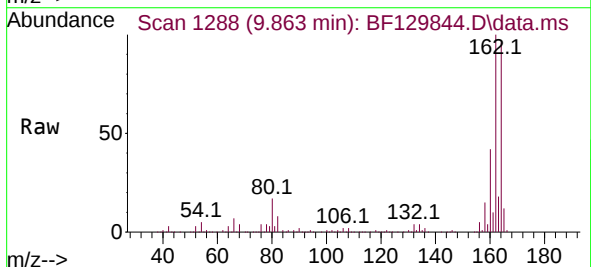
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Tgt Ion:165 Resp: 30410
Ion Ratio Lower Upper
165 100
63 0.9 47.8 71.8#
89 1.3 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.451 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.206 min
Lab File: BF129844.D
Acq: 17 Aug 2022 14:30

Tgt Ion:165 Resp: 30410
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.3 62.3 93.5#
182 0.0 2.1 3.1#

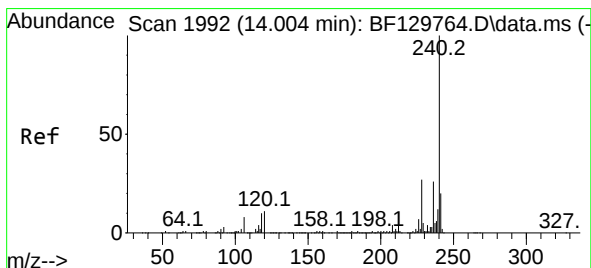
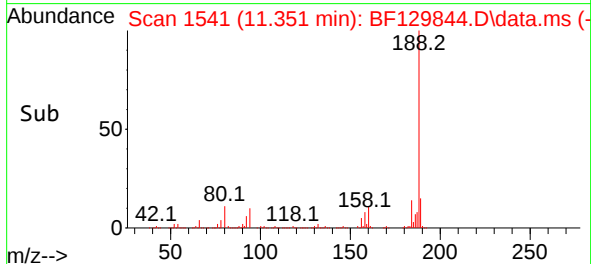
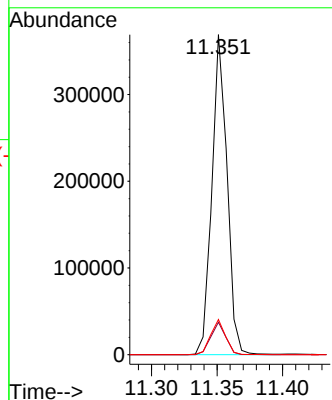
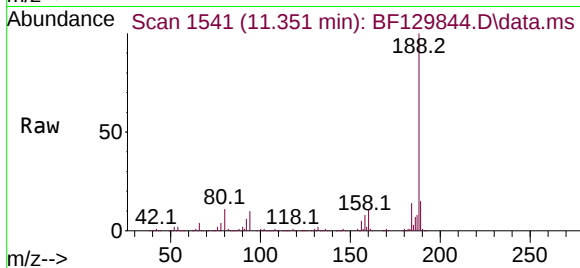




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129844.D
Acq: 17 Aug 2022 14:30

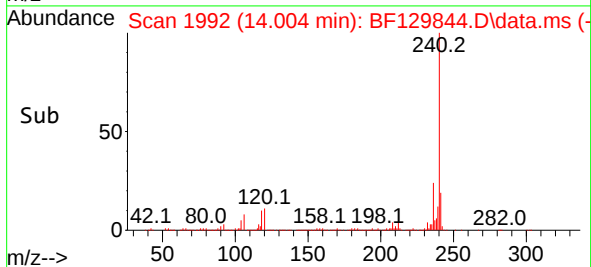
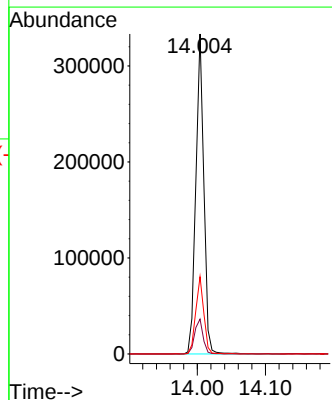
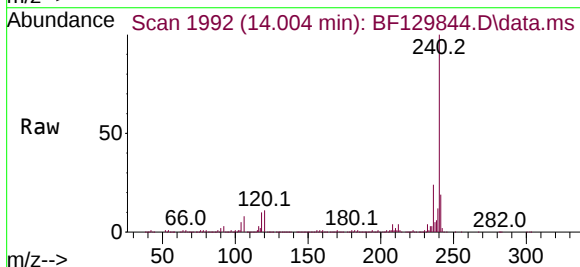
Instrument :
BNA_F
ClientSampleId :
SB13

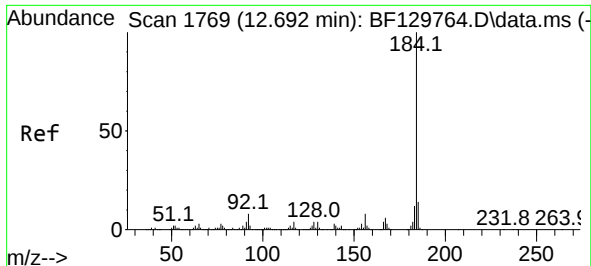
Tgt Ion:188 Resp: 296890
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 11.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BF129844.D
Acq: 17 Aug 2022 14:30

Tgt Ion:240 Resp: 268729
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 24.1 20.7 31.1

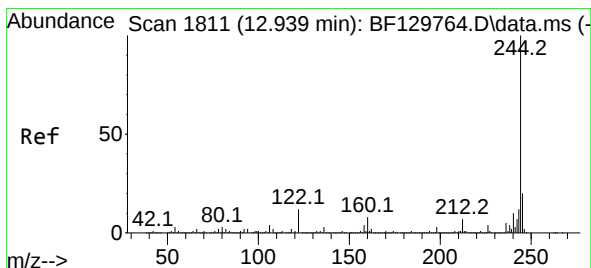
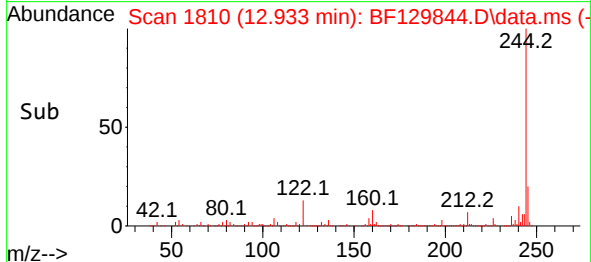
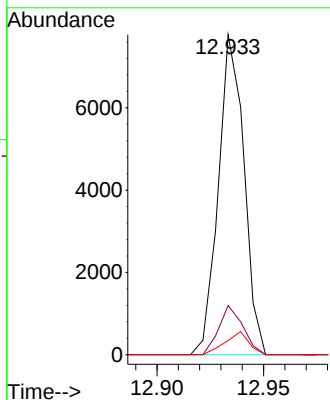
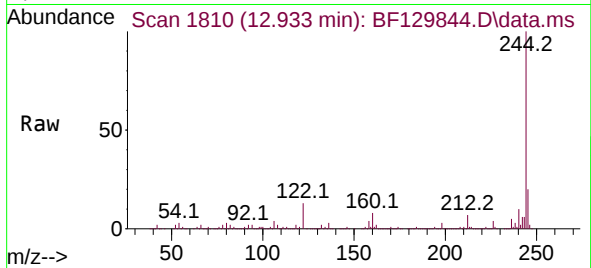




#77
Benzidine
Concen: Below Cal
RT: 12.933 min Scan# 1810
Delta R.T. 0.241 min
Lab File: BF129844.D
Acq: 17 Aug 2022 14:30

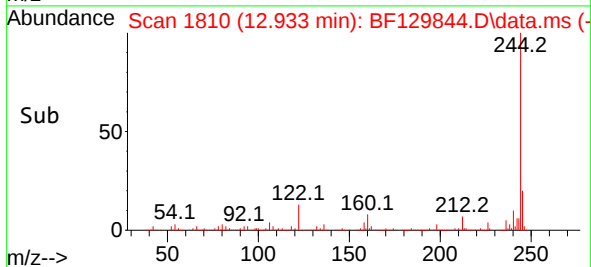
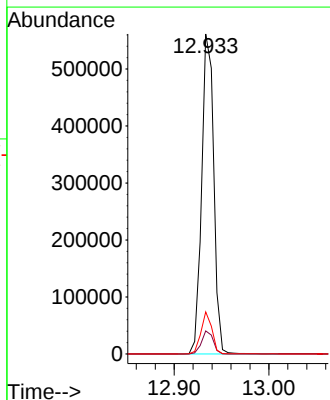
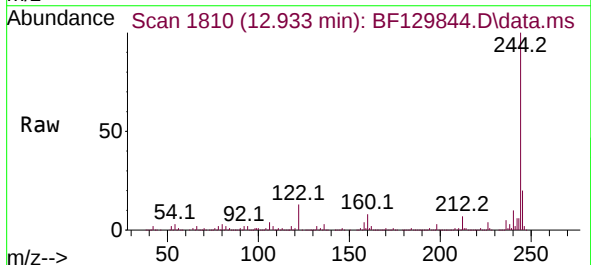
Instrument :
BNA_F
ClientSampleId :
SB13

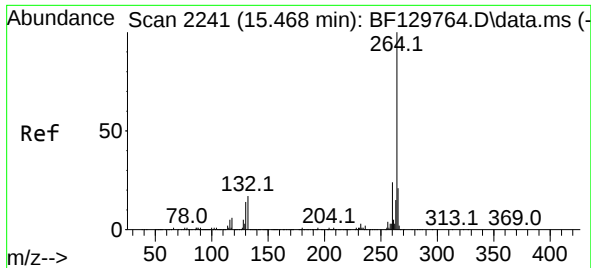
Tgt Ion:184 Resp: 6504
Ion Ratio Lower Upper
184 100
185 15.4 11.4 17.2
183 4.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 30.706 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF129844.D
Acq: 17 Aug 2022 14:30

Tgt Ion:244 Resp: 495909
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 13.2 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF129844.D
 Acq: 17 Aug 2022 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SB13

Tgt Ion:264 Resp: 226285
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.5 16.7 25.1

