

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129875.D
 Acq On : 18 Aug 2022 14:44
 Operator : CG\JU
 Sample : N4189-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15

Quant Time: Aug 18 15:22:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

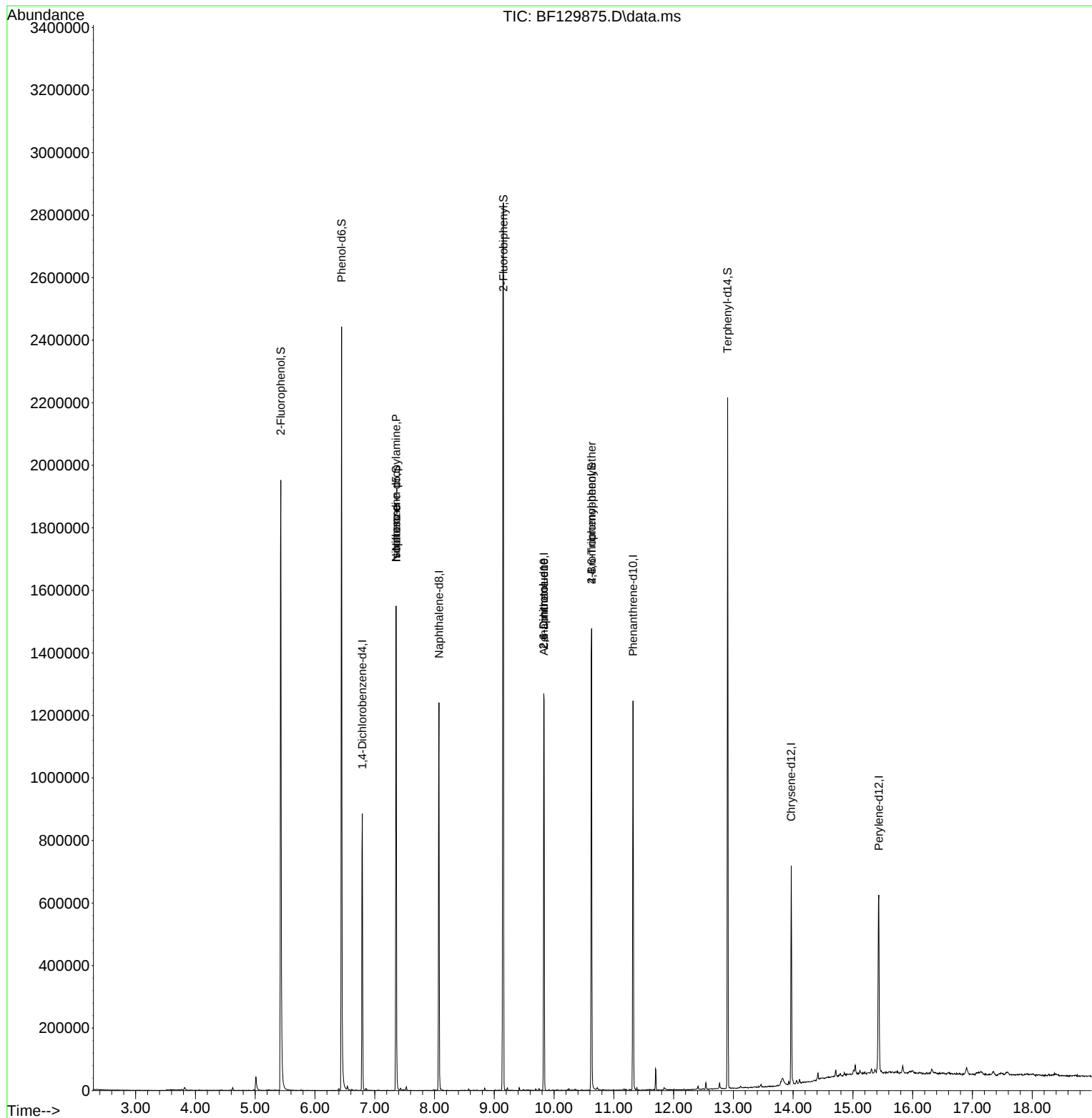
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	128482	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	516862	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	269162	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	408800	20.000	ng	0.00
76) Chrysene-d12	13.969	240	217022	20.000	ng	0.00
86) Perylene-d12	15.433	264	258268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	587589	75.720	ng	0.00
7) Phenol-d6	6.446	99	735857	75.724	ng	0.00
23) Nitrobenzene-d5	7.357	82	460452	47.689	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	170794	63.223	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	892293	50.350	ng	0.00
79) Terphenyl-d14	12.904	244	668978	51.291	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.446	77	1210	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	59401	9.671 ng	#	80
25) Isophorone	7.357	82	460445	27.707 ng	#	65
51) 2,6-Dinitrotoluene	9.828	165	34338	8.204 ng	#	22
57) 2,4-Dinitrotoluene	9.828	165	34338	6.320 ng	#	17
67) 4-Bromophenyl-phenylether	10.628	248	10731	2.241 ng	#	1
77) Benizidine	12.904	184	8974	Below Cal	#	90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129875.D
Acq On : 18 Aug 2022 14:44
Operator : CG\JU
Sample : N4189-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB15

Quant Time: Aug 18 15:22:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 18 12:03:10 2022
Response via : Initial Calibration

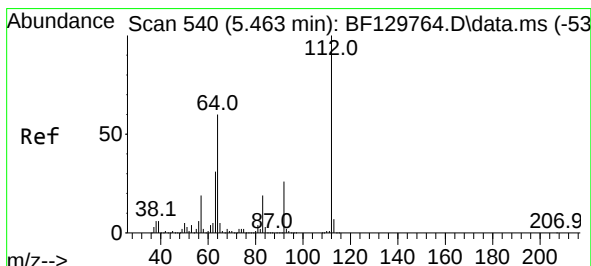
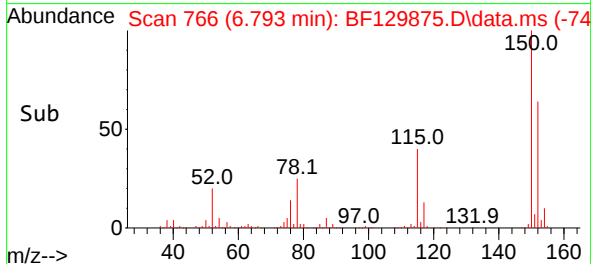
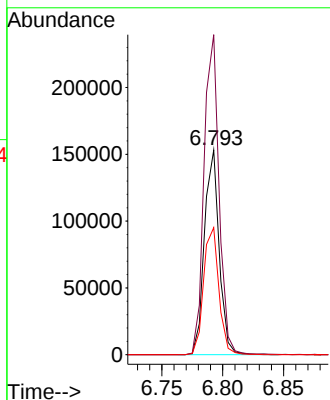
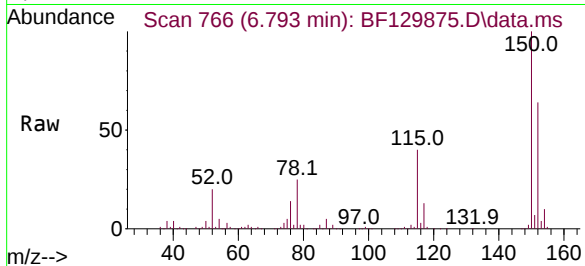




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 70
Delta R.T. 0.001 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

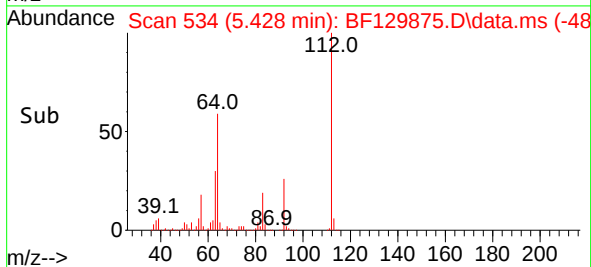
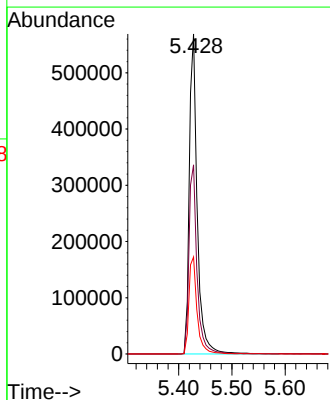
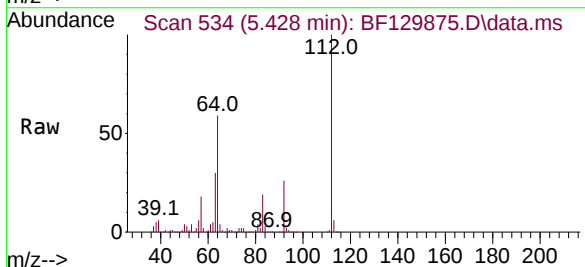
Instrument :
BNA_F
ClientSampleId :
SB15

Tgt Ion:152 Resp: 128482
Ion Ratio Lower Upper
152 100
150 156.3 126.9 190.3
115 62.1 53.4 80.0



#5
2-Fluorophenol
Concen: 75.720 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

Tgt Ion:112 Resp: 587589
Ion Ratio Lower Upper
112 100
64 59.1 47.6 71.4
63 30.3 24.6 37.0

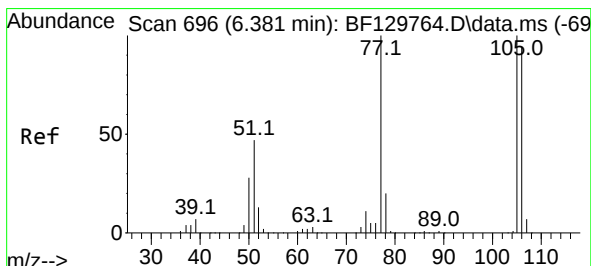
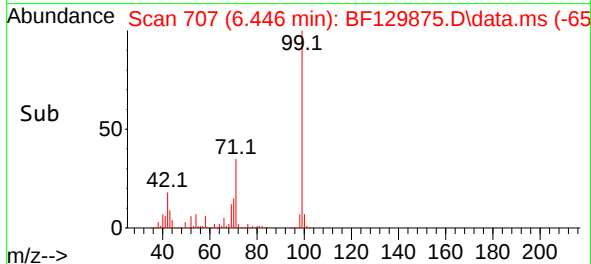
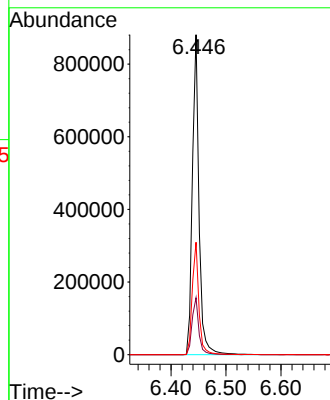
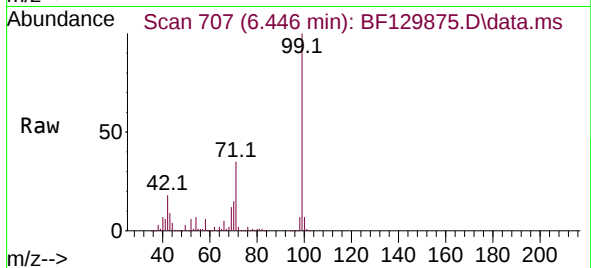




#7
Phenol-d6
Concen: 75.724 ng
RT: 6.446 min Scan# 707
Delta R.T. -0.006 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

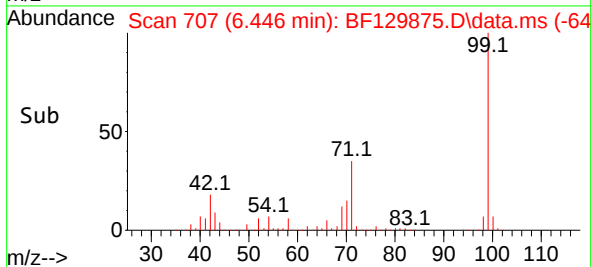
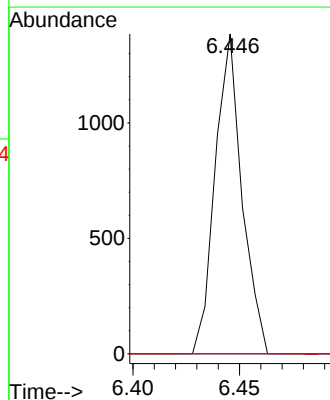
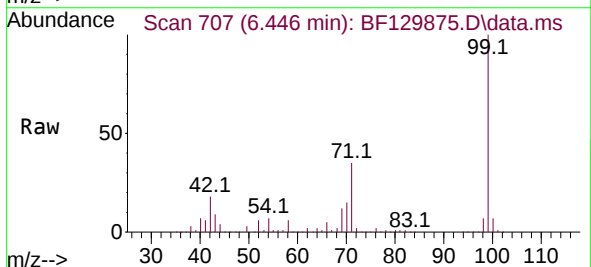
Instrument :
BNA_F
ClientSampleId :
SB15

Tgt Ion: 99 Resp: 735857
Ion Ratio Lower Upper
99 100
42 17.8 15.0 22.4
71 35.2 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.446 min Scan# 707
Delta R.T. 0.094 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

Tgt Ion: 77 Resp: 1210
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

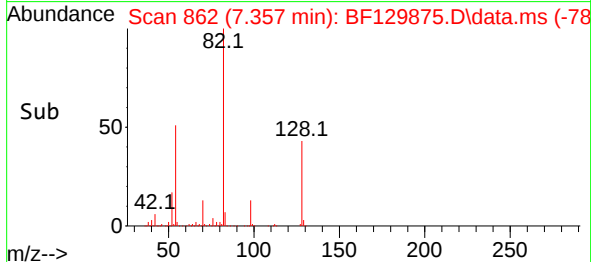
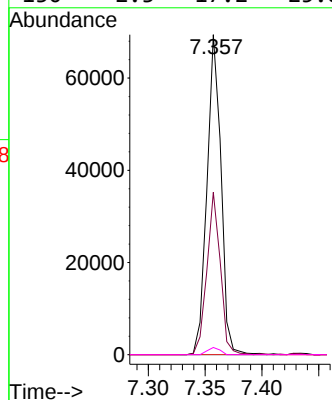
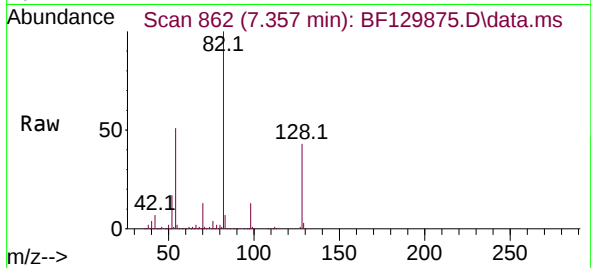




#19
n-Nitroso-di-n-propylamine
Concen: 9.671 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

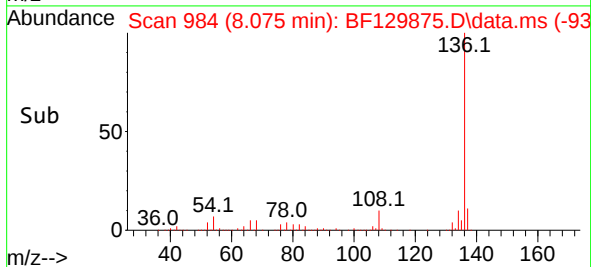
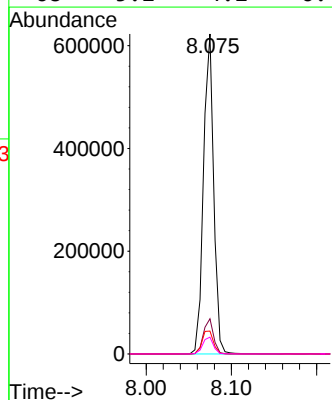
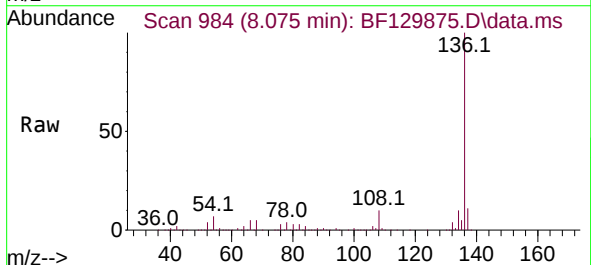
Instrument :
BNA_F
ClientSampleId :
SB15

Tgt Ion: 70 Resp: 59401
Ion Ratio Lower Upper
70 100
42 50.8 47.6 71.4
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

Tgt Ion: 136 Resp: 516862
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.2 6.2 9.2
68 5.2 4.2 6.4





#23

Nitrobenzene-d5

Concen: 47.689 ng

RT: 7.357 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF129875.D

Acq: 18 Aug 2022 14:44

Instrument :

BNA_F

ClientSampleId :

SB15

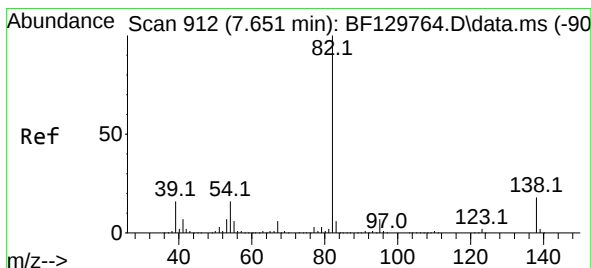
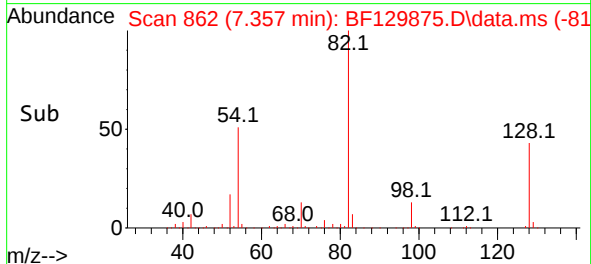
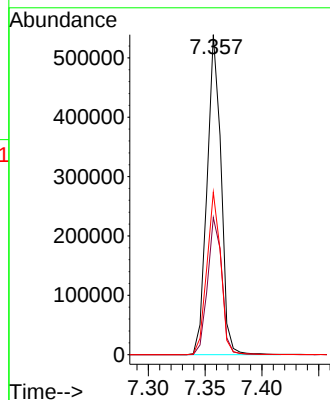
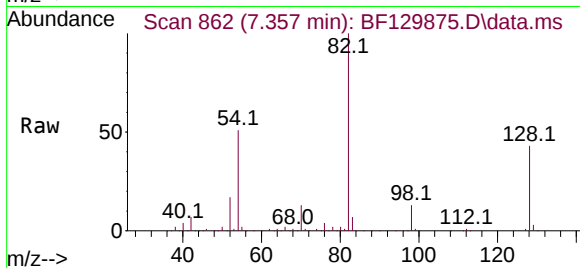
Tgt Ion: 82 Resp: 460452

Ion Ratio Lower Upper

82 100

128 42.8 36.1 54.1

54 50.8 40.0 60.0



#25

Isophorone

Concen: 27.707 ng

RT: 7.357 min Scan# 862

Delta R.T. -0.264 min

Lab File: BF129875.D

Acq: 18 Aug 2022 14:44

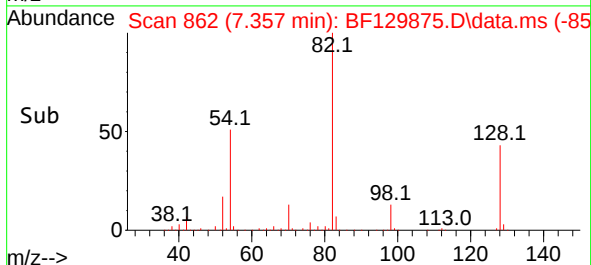
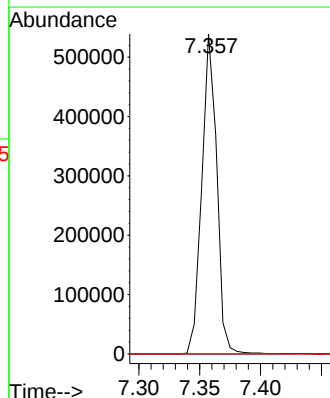
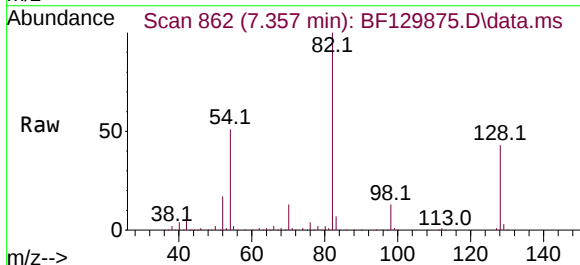
Tgt Ion: 82 Resp: 460445

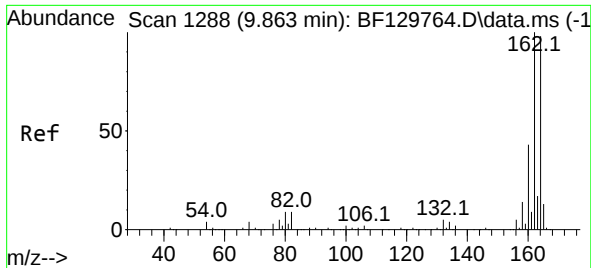
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

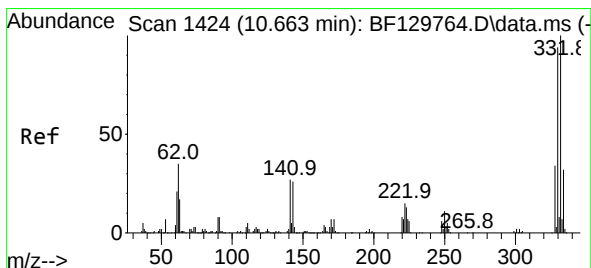
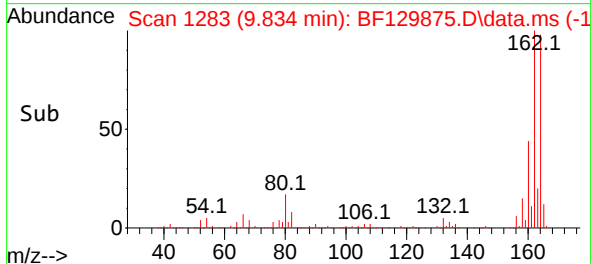
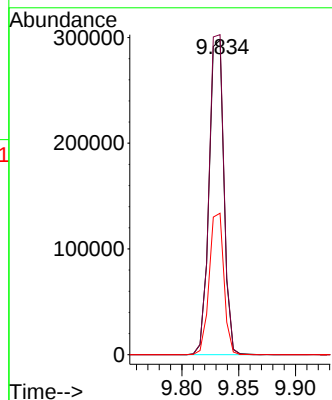
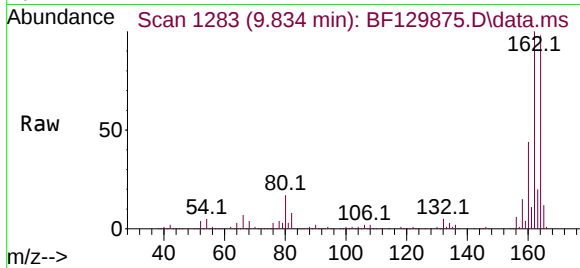




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

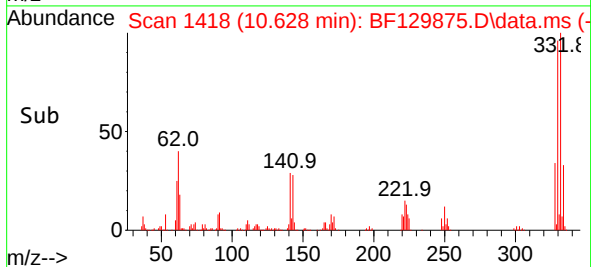
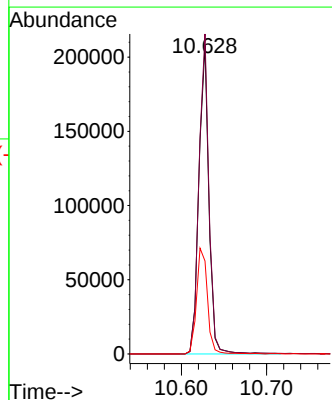
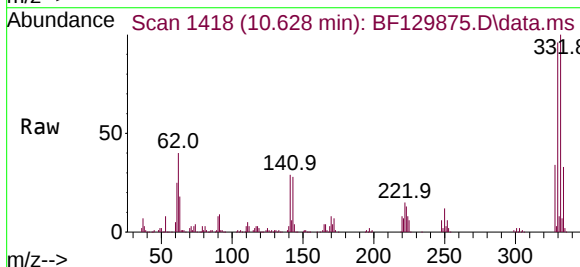
Instrument :
BNA_F
ClientSampleId :
SB15

Tgt Ion:164 Resp: 269162
Ion Ratio Lower Upper
164 100
162 101.7 82.0 123.0
160 45.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 63.223 ng
RT: 10.628 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

Tgt Ion:330 Resp: 170794
Ion Ratio Lower Upper
330 100
332 103.5 82.6 124.0
141 37.2 27.6 41.4

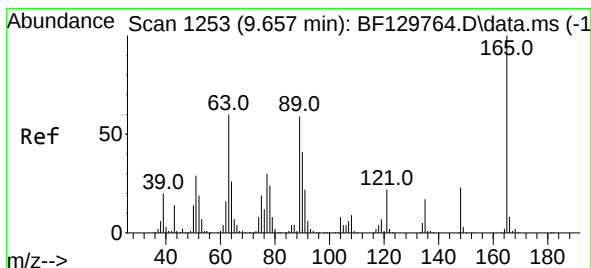
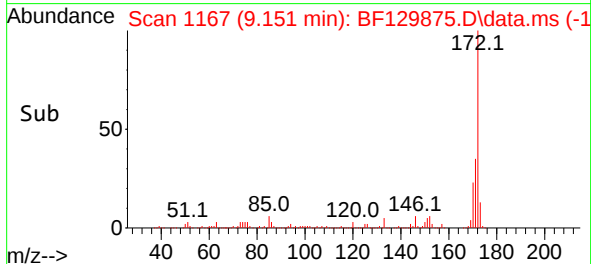
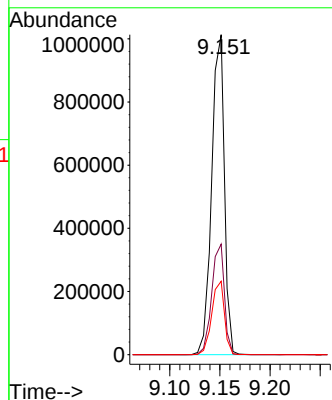
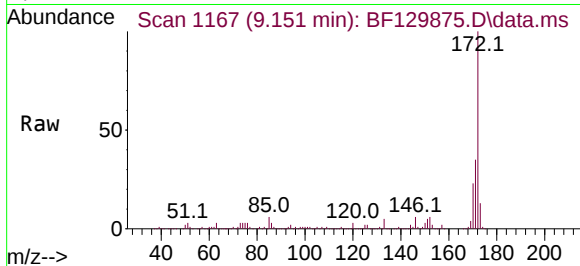




#45
2-Fluorobiphenyl
Concen: 50.350 ng
RT: 9.151 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

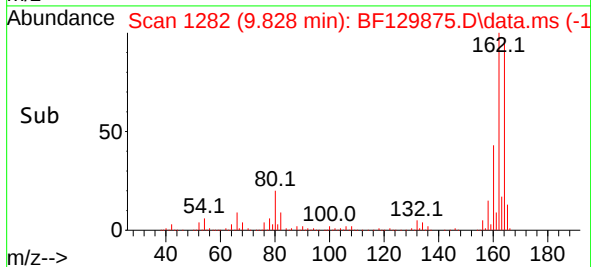
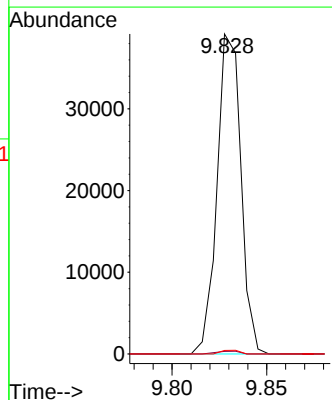
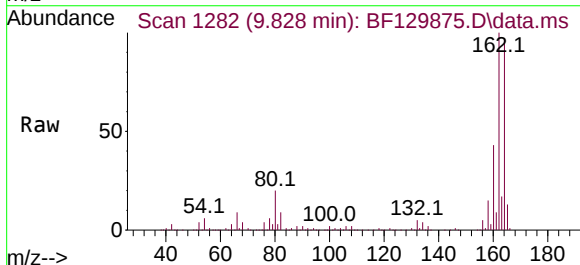
Instrument :
BNA_F
ClientSampleId :
SB15

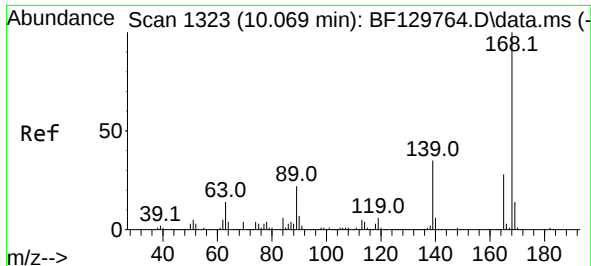
Tgt Ion:172 Resp: 892293
Ion Ratio Lower Upper
172 100
171 34.6 28.4 42.6
170 22.9 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 8.204 ng
RT: 9.828 min Scan# 1282
Delta R.T. 0.200 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

Tgt Ion:165 Resp: 34338
Ion Ratio Lower Upper
165 100
63 0.8 47.8 71.8#
89 1.1 47.2 70.8#

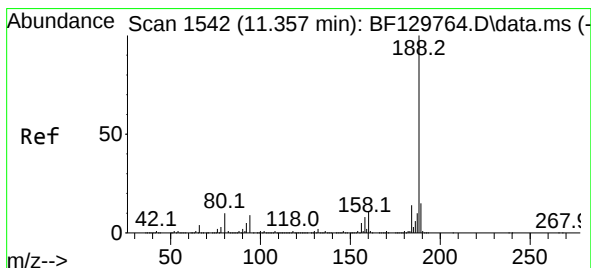
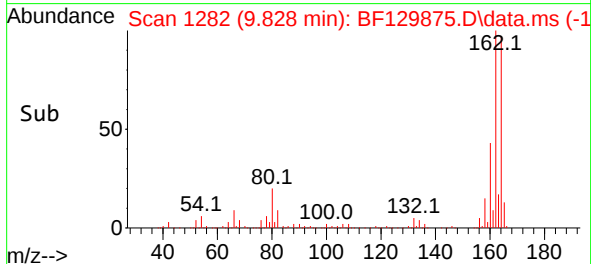
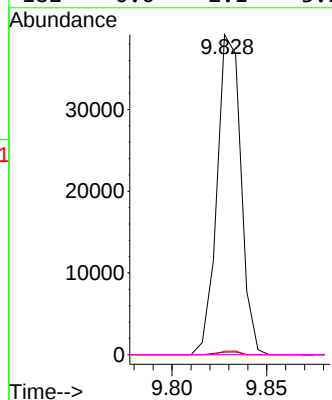
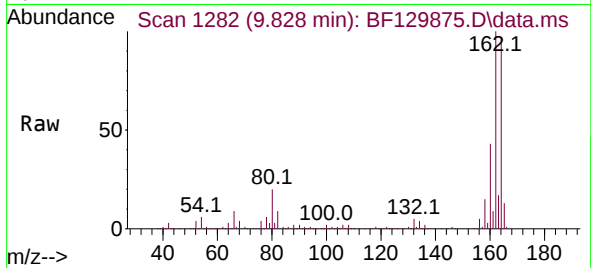




#57
2,4-Dinitrotoluene
Concen: 6.320 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

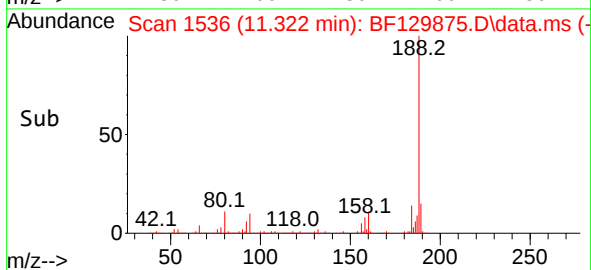
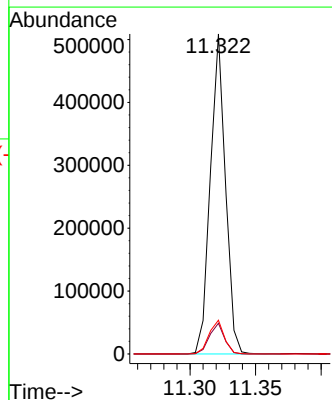
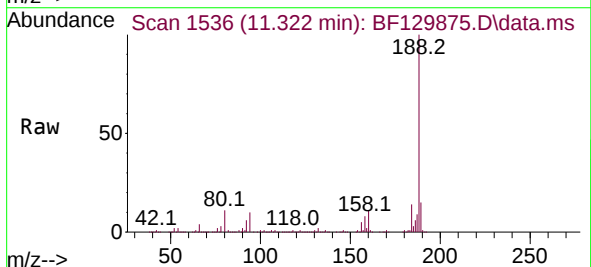
Instrument :
BNA_F
ClientSampleId :
SB15

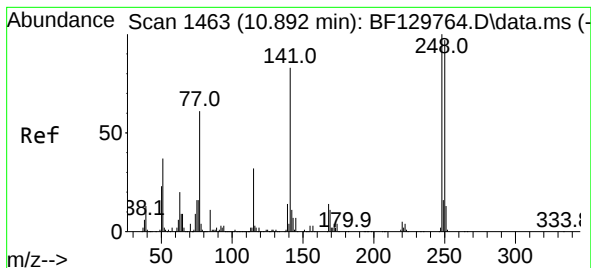
Tgt Ion:165 Resp: 34338
Ion Ratio Lower Upper
165 100
63 0.8 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

Tgt Ion:188 Resp: 408800
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.6 7.9 11.9

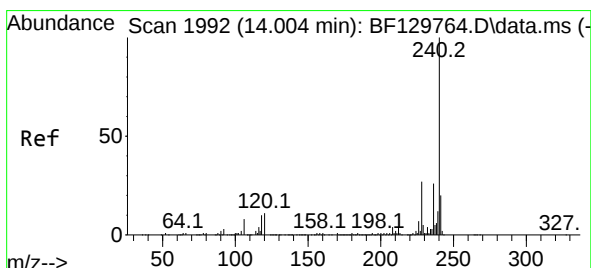
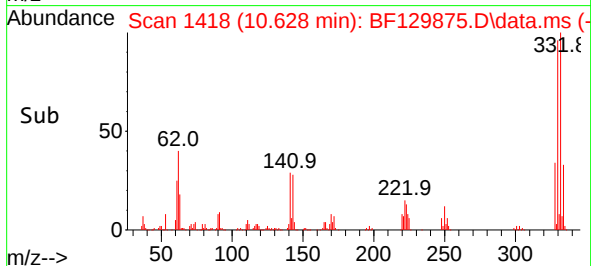
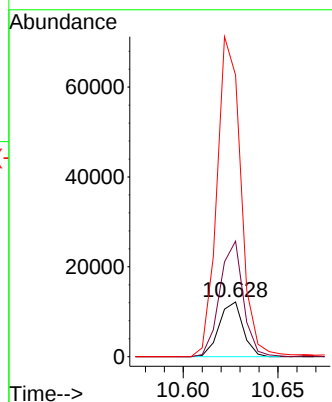
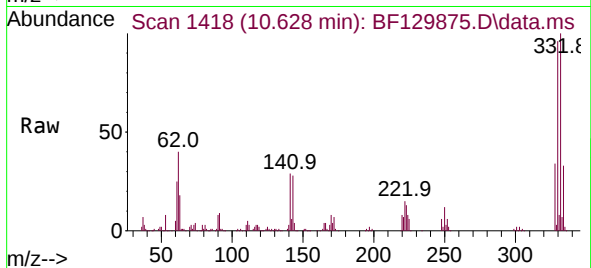




#67
4-Bromophenyl-phenylether
Concen: 2.241 ng
RT: 10.628 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

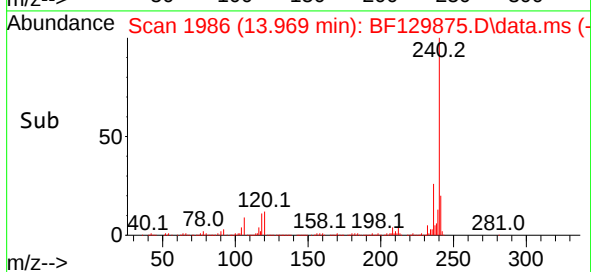
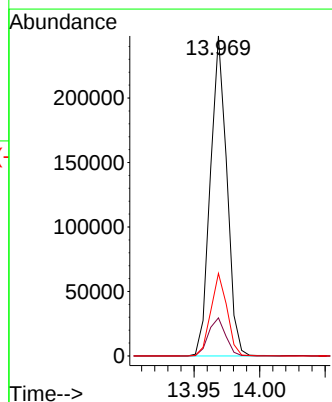
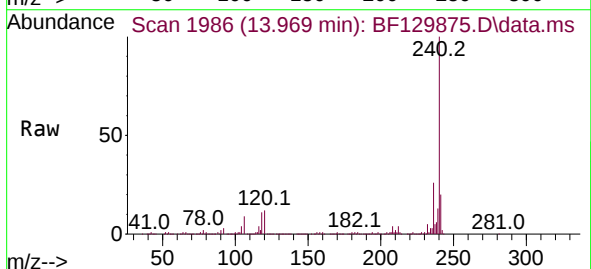
Instrument :
BNA_F
ClientSampleId :
SB15

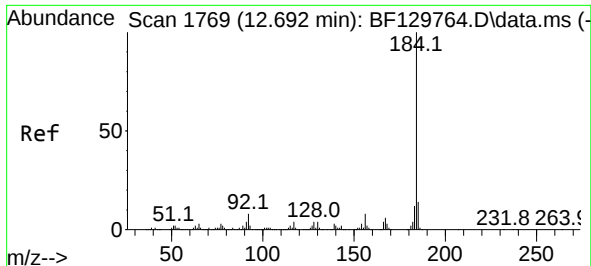
Tgt Ion:248 Resp: 10731
Ion Ratio Lower Upper
248 100
250 211.0 77.8 116.6#
141 514.5 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

Tgt Ion:240 Resp: 217022
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.8 20.7 31.1

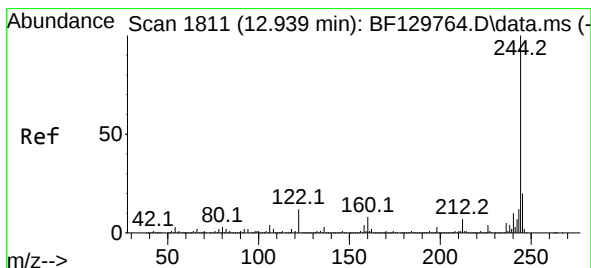
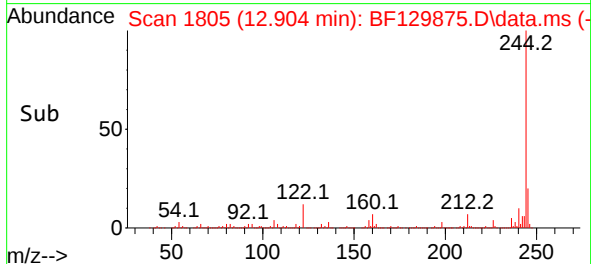
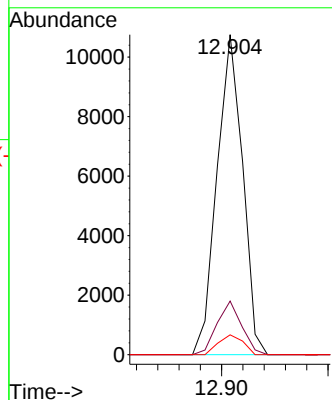
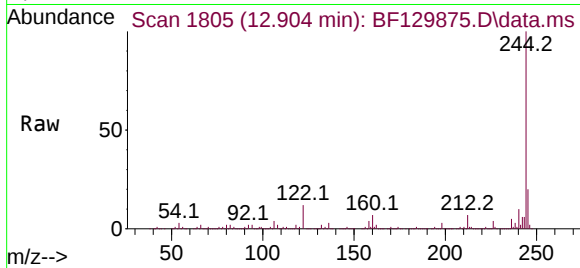




#77
Benzidine
Concen: Below Cal
RT: 12.904 min Scan# 1805
Delta R.T. 0.241 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

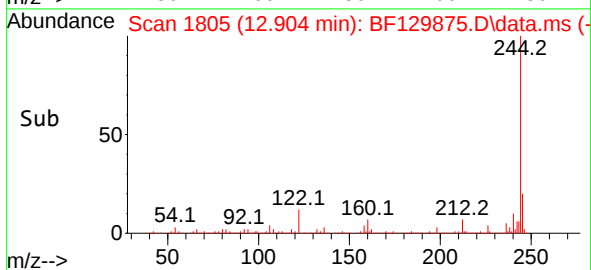
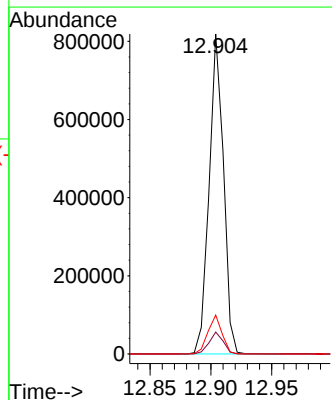
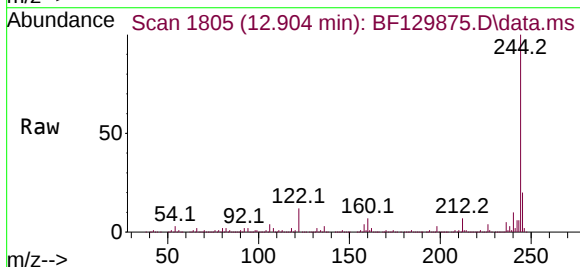
Instrument :
BNA_F
ClientSampleId :
SB15

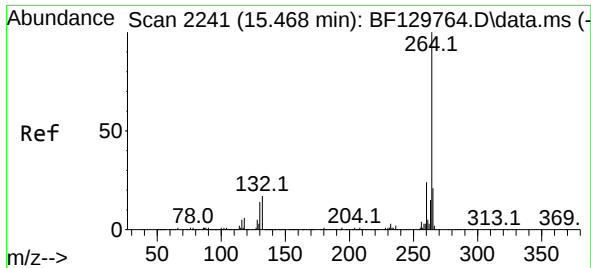
Tgt Ion:184 Resp: 8974
Ion Ratio Lower Upper
184 100
185 16.7 11.4 17.2
183 6.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 51.291 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

Tgt Ion:244 Resp: 668978
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 12.2 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129875.D
Acq: 18 Aug 2022 14:44

Instrument :
BNA_F
ClientSampleId :
SB15

Tgt Ion:264 Resp: 258268
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 21.7 16.7 25.1

