

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129870.D
 Acq On : 18 Aug 2022 12:04
 Operator : CG\JU
 Sample : N4189-13RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB13

Quant Time: Aug 18 13:36:35 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)

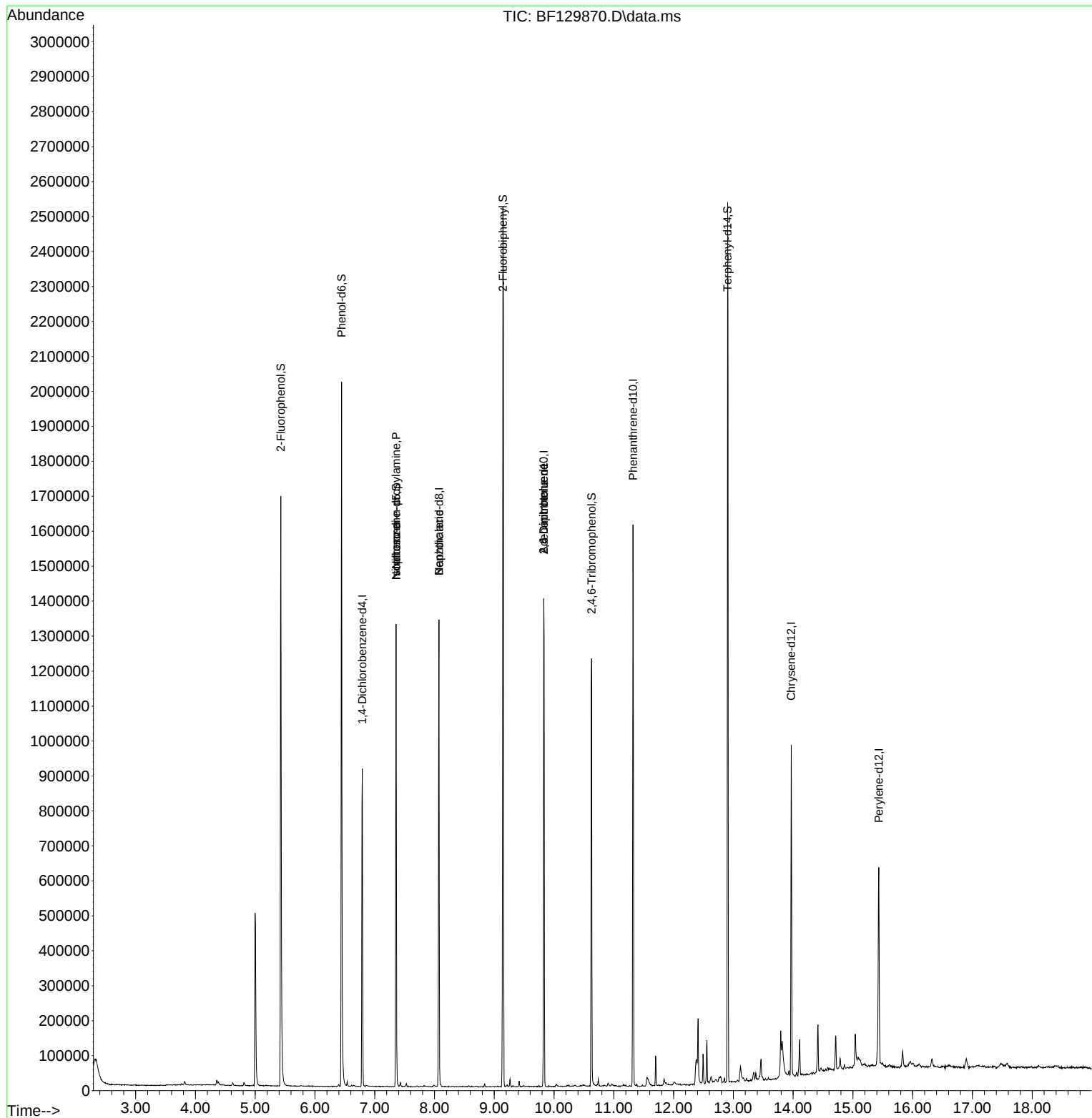
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	136973	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	556300	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	293898	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	521937	20.000	ng	0.00
76) Chrysene-d12	13.969	240	296612	20.000	ng	0.00
86) Perylene-d12	15.433	264	245300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	493465	59.649	ng	0.00
7) Phenol-d6	6.446	99	634430	61.239	ng	0.00
23) Nitrobenzene-d5	7.357	82	398603	38.357	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	143047	48.495	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	782748	40.451	ng	0.00
79) Terphenyl-d14	12.904	244	840323	47.140	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.363	77	63	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	51479	7.861 ng	#	78
25) Isophorone	7.357	82	398598	22.285 ng	#	65
32) Benzoic acid	8.075	122	87	2.183 ng	#	1
51) 2,6-Dinitrotoluene	9.828	165	38432	8.409 ng	#	23
57) 2,4-Dinitrotoluene	9.828	165	38432	6.478 ng	#	18
77) Benzidine	12.669	184	1340	Below Cal	#	63

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

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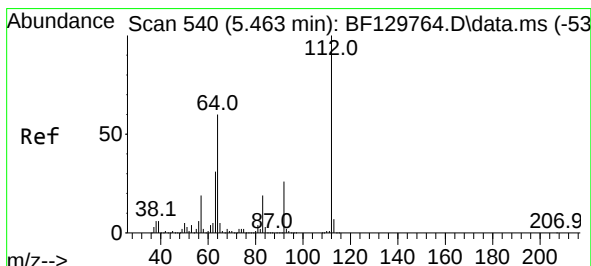
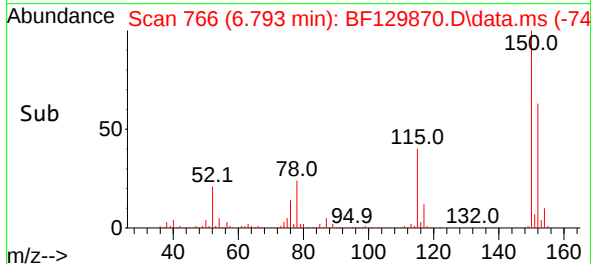
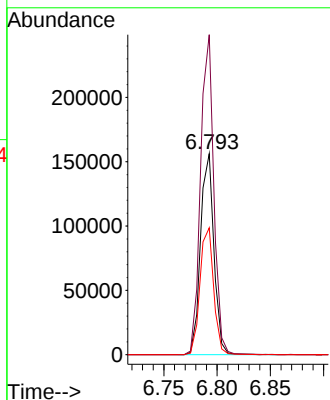
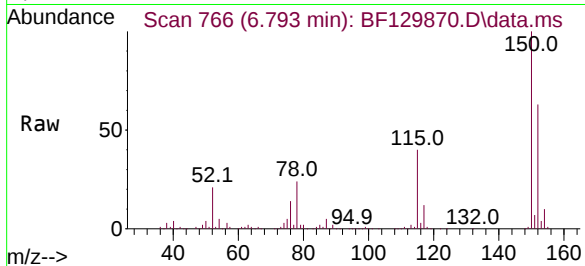




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 771
Delta R.T. 0.001 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

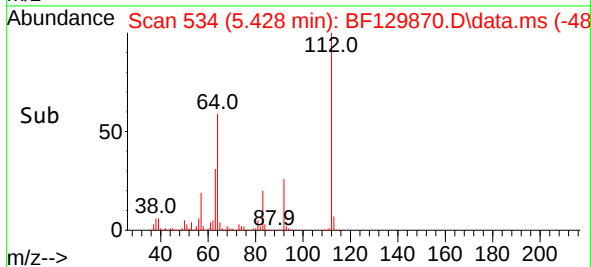
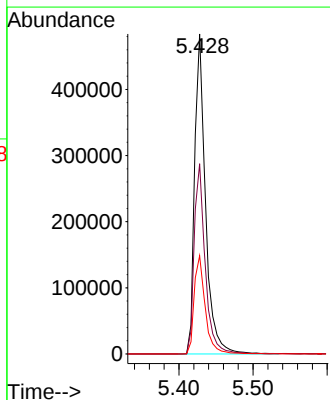
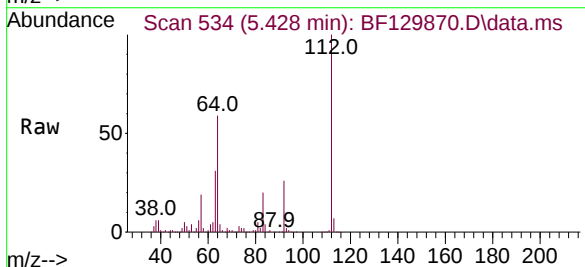
Instrument :
BNA_F
ClientSampleId :
SB13

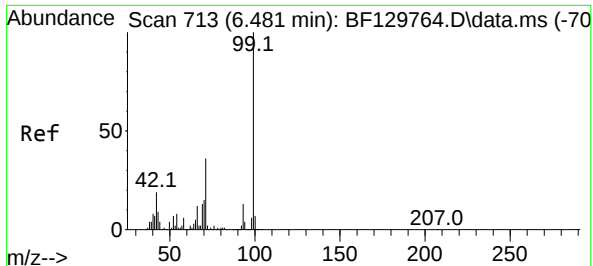
Tgt Ion:152 Resp: 136973
Ion Ratio Lower Upper
152 100
150 159.2 126.9 190.3
115 63.1 53.4 80.0



#5
2-Fluorophenol
Concen: 59.649 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

Tgt Ion:112 Resp: 493465
Ion Ratio Lower Upper
112 100
64 59.5 47.6 71.4
63 30.7 24.6 37.0

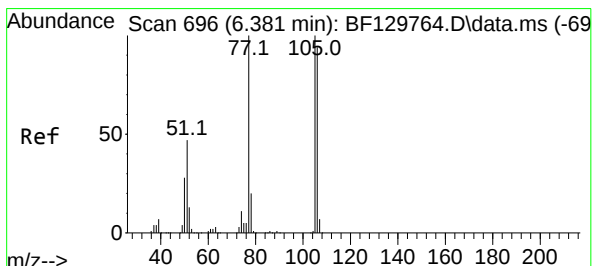
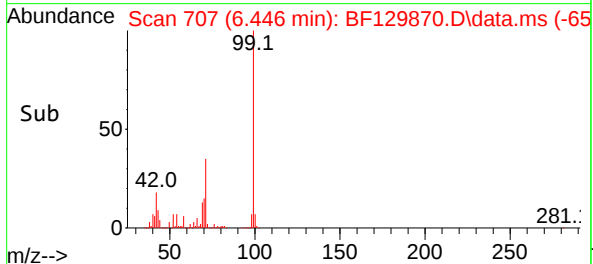
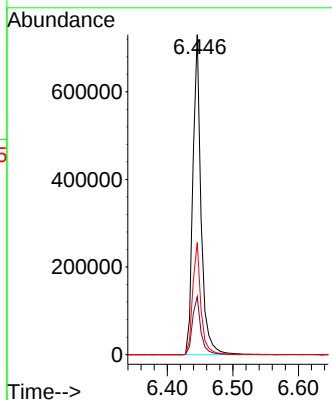
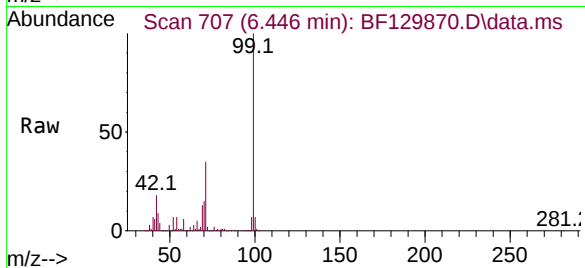




#7
Phenol-d6
Concen: 61.239 ng
RT: 6.446 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

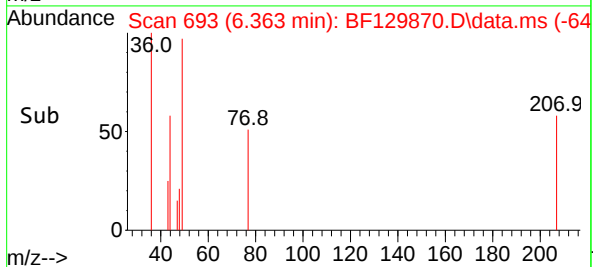
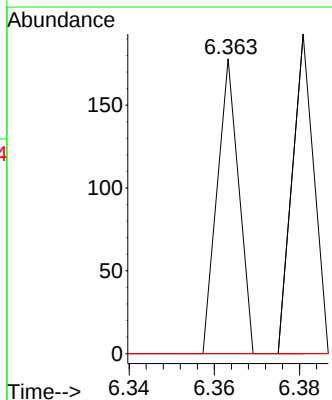
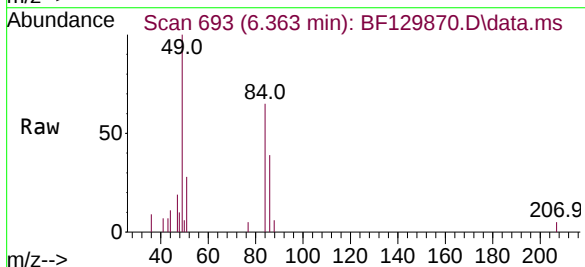
Instrument :
BNA_F
ClientSampleId :
SB13

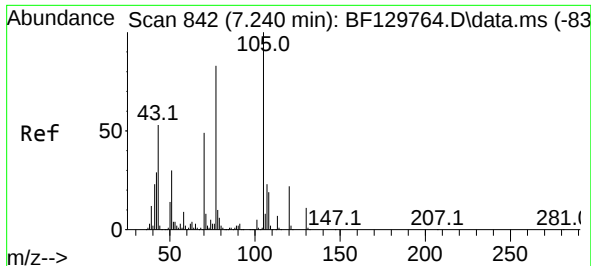
Tgt Ion: 99 Resp: 634430
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 35.1 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.363 min Scan# 693
Delta R.T. 0.012 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

Tgt Ion: 77 Resp: 63
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

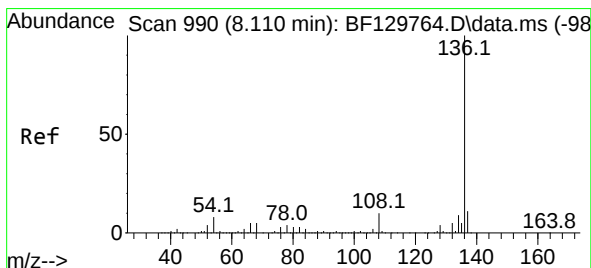
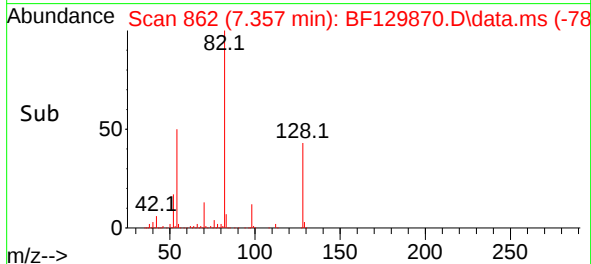
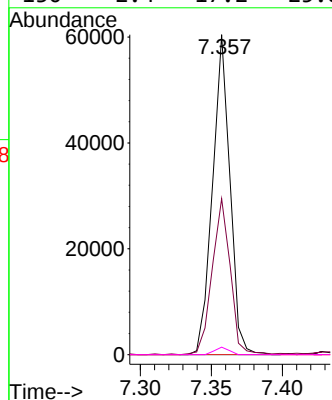
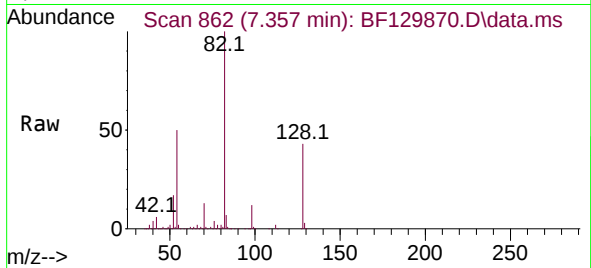




#19
n-Nitroso-di-n-propylamine
Concen: 7.861 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

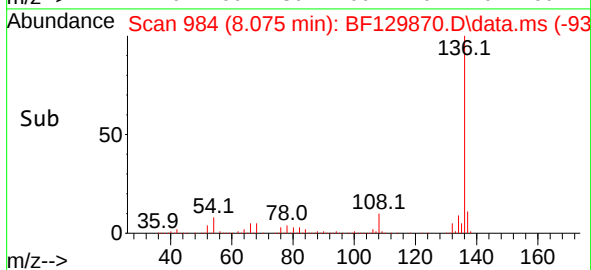
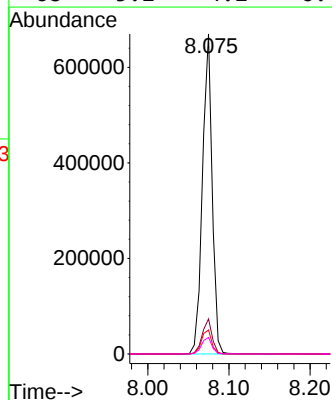
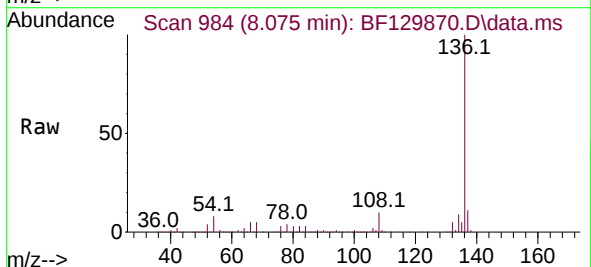
Instrument :
BNA_F
ClientSampleId :
SB13

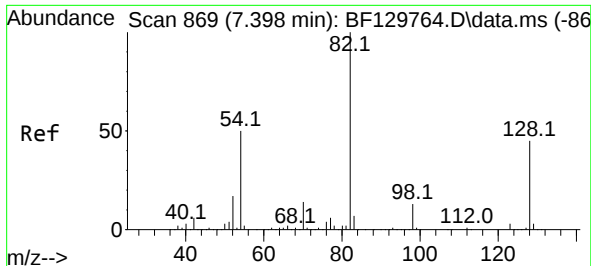
Tgt Ion: 70 Resp: 51479
Ion Ratio Lower Upper
70 100
42 48.8 47.6 71.4
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

Tgt Ion: 136 Resp: 556300
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.5 6.2 9.2
68 5.2 4.2 6.4

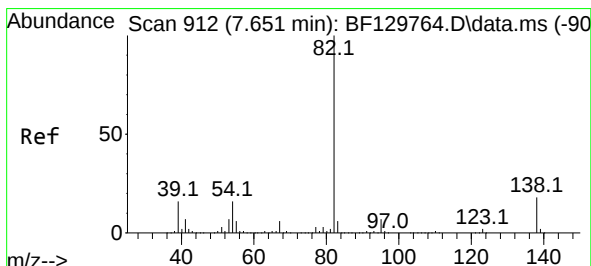
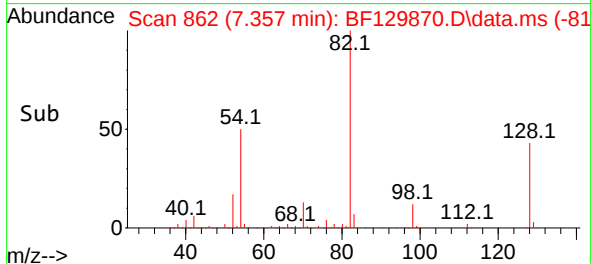
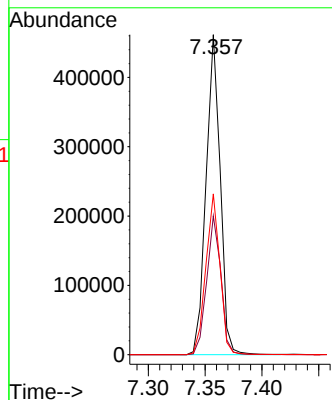
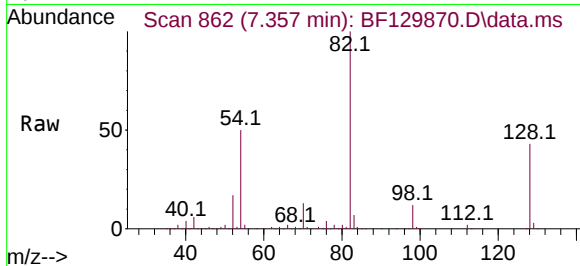




#23
Nitrobenzene-d5
Concen: 38.357 ng
RT: 7.357 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

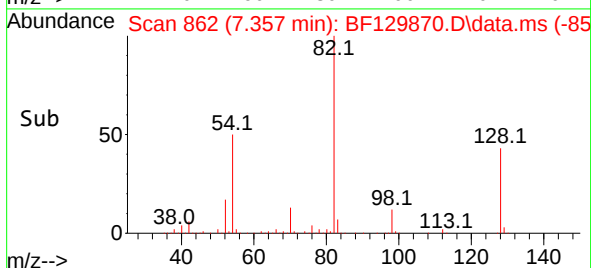
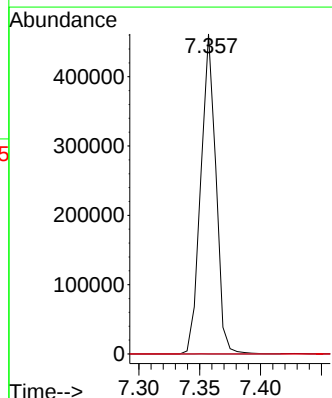
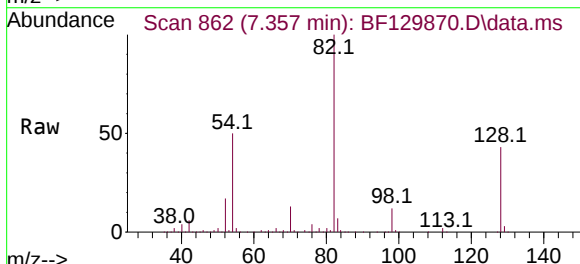
Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion: 82 Resp: 398603
Ion Ratio Lower Upper
82 100
128 43.3 36.1 54.1
54 50.3 40.0 60.0



#25
Isophorone
Concen: 22.285 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.264 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

Tgt Ion: 82 Resp: 398598
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

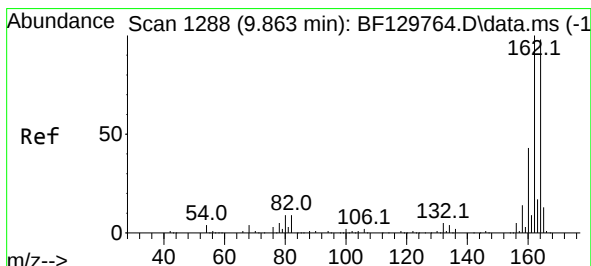
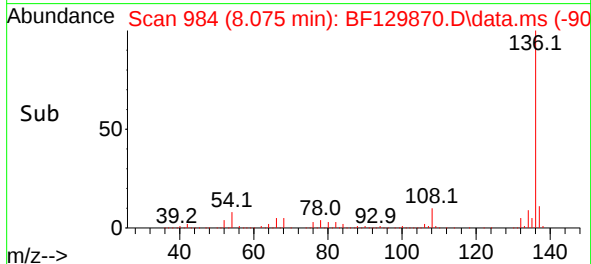
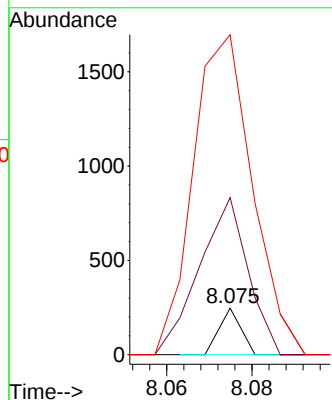
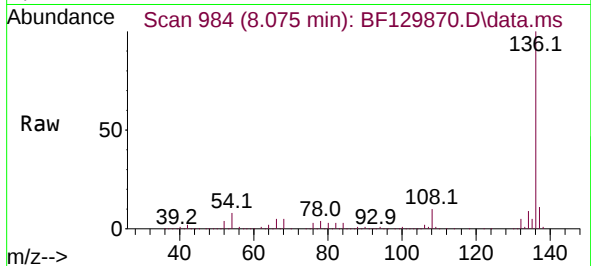




#32
Benzoic acid
Concen: 2.183 ng
RT: 8.075 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

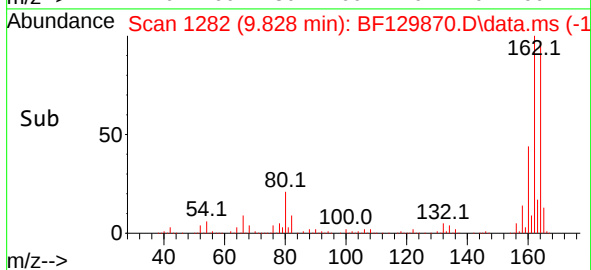
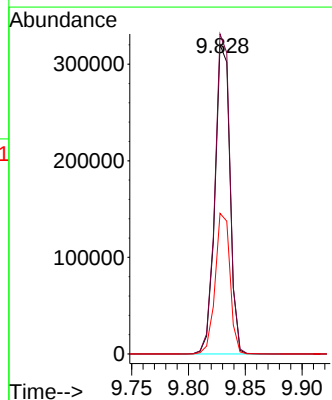
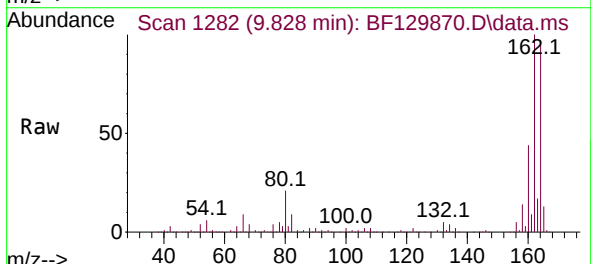
Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion:122	Resp:	87
Ion	Ratio	Lower Upper
122	100	
105	337.2	99.9 139.9#
77	687.0	65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

Tgt Ion:164	Resp:	293898
Ion	Ratio	Lower Upper
164	100	
162	103.5	82.0 123.0
160	45.5	35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 48.495 ng

RT: 10.628 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BF129870.D

Acq: 18 Aug 2022 12:04

Instrument :

BNA_F

ClientSampleId :

SB13

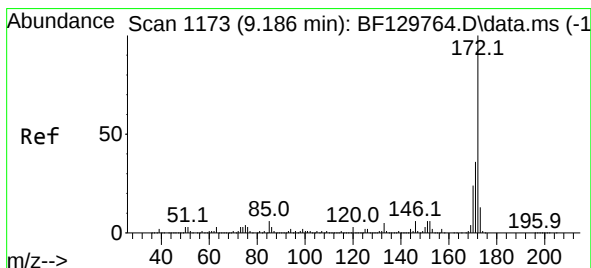
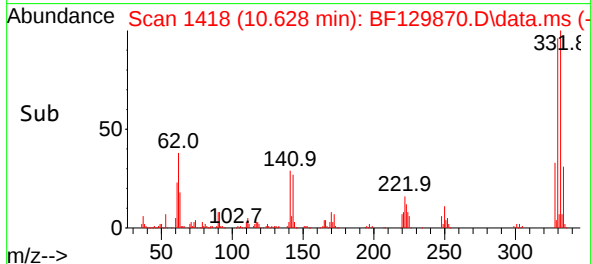
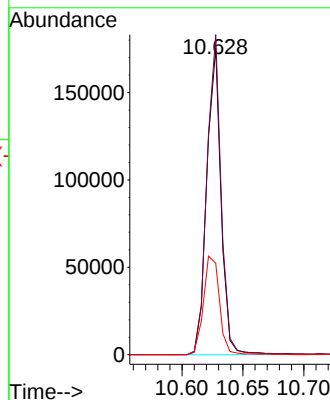
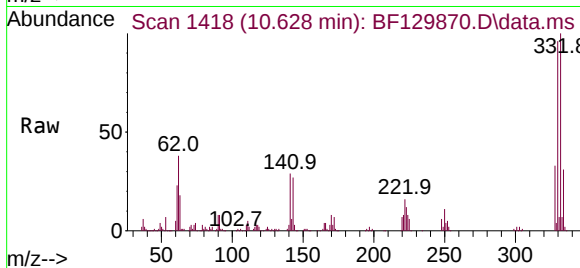
Tgt Ion:330 Resp: 143047

Ion Ratio Lower Upper

330 100

332 104.0 82.6 124.0

141 36.2 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 40.451 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF129870.D

Acq: 18 Aug 2022 12:04

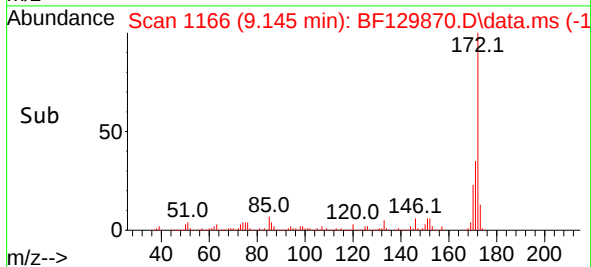
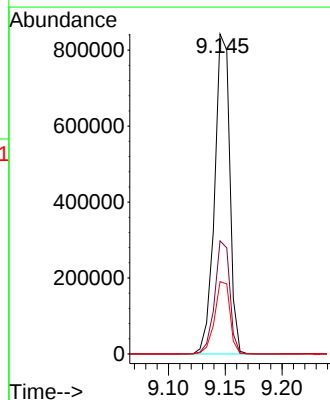
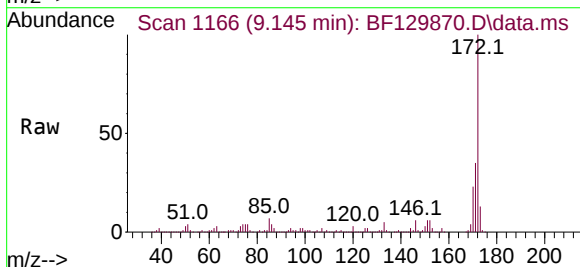
Tgt Ion:172 Resp: 782748

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 22.6 19.1 28.7

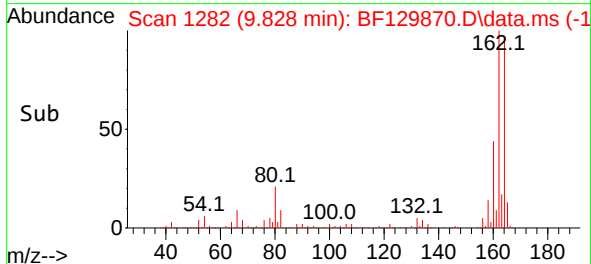
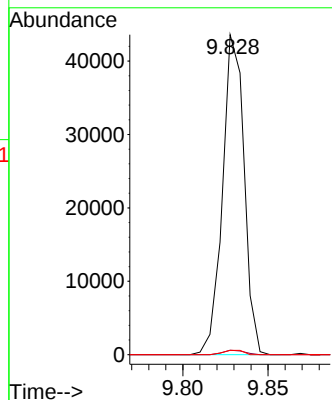
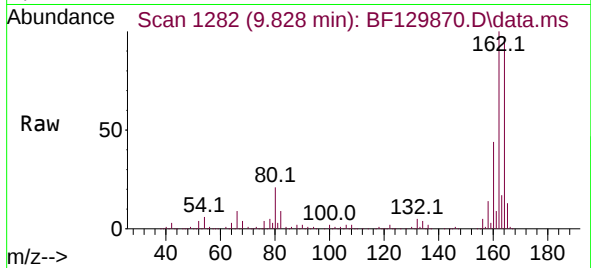




#51
2,6-Dinitrotoluene
Concen: 8.409 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

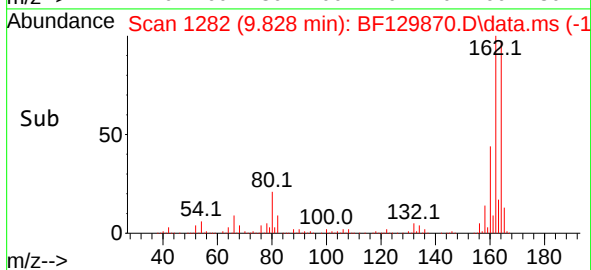
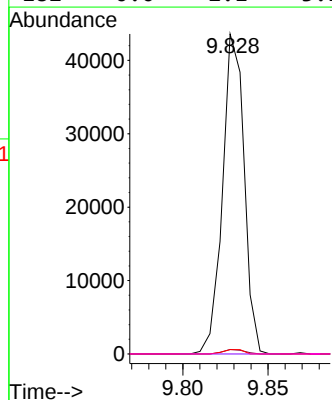
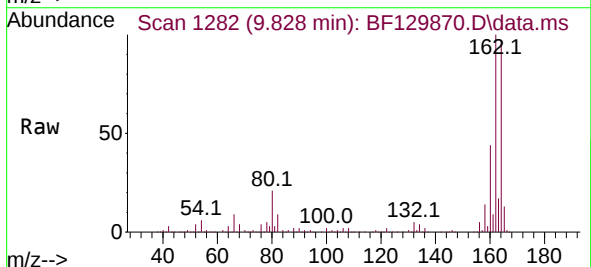
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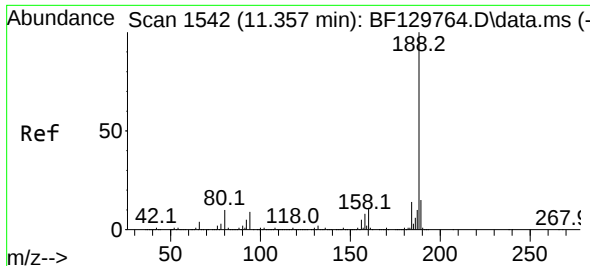
Tgt Ion:165 Resp: 38432
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.8#
89 1.3 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.478 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.212 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

Tgt Ion:165 Resp: 38432
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.3 62.3 93.5#
182 0.0 2.1 3.1#

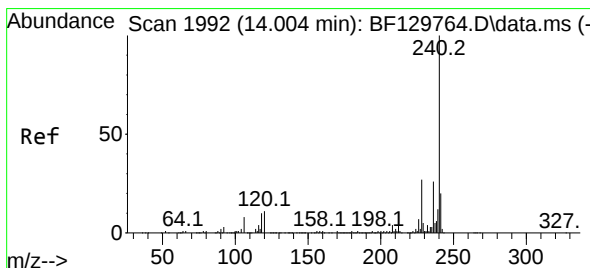
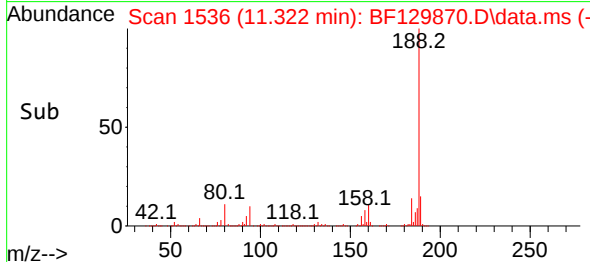
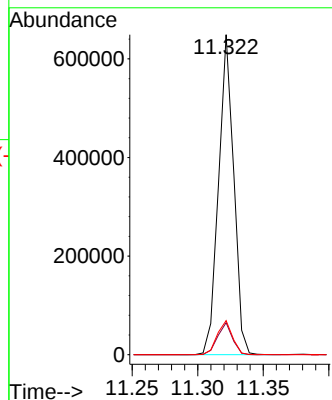
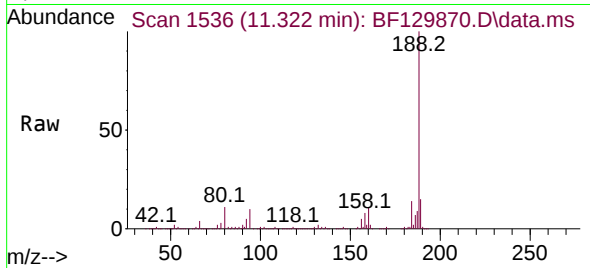




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

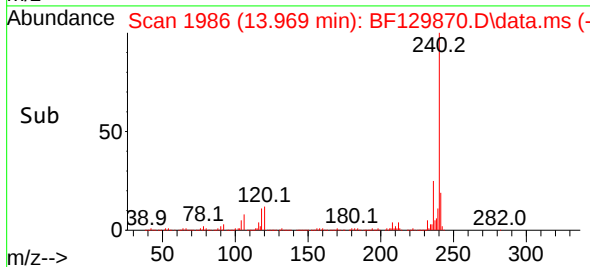
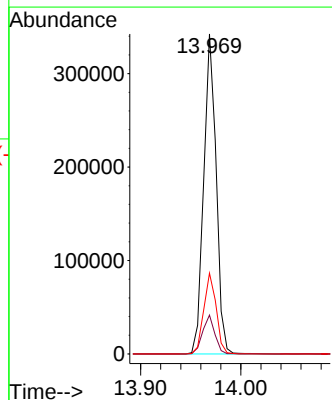
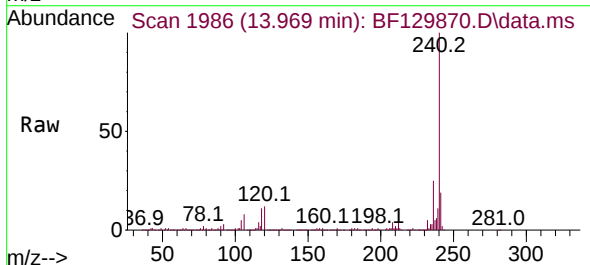
Instrument :
BNA_F
ClientSampleId :
SB13

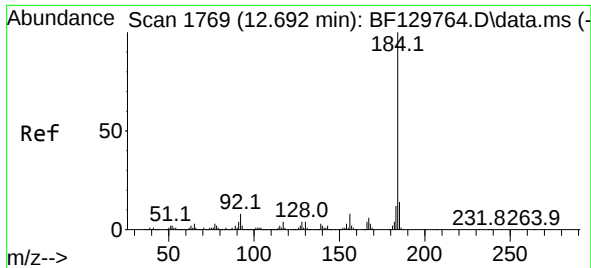
Tgt Ion:188 Resp: 521937
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

Tgt Ion:240 Resp: 296612
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.3 20.7 31.1

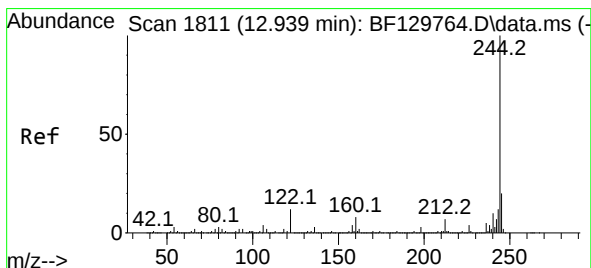
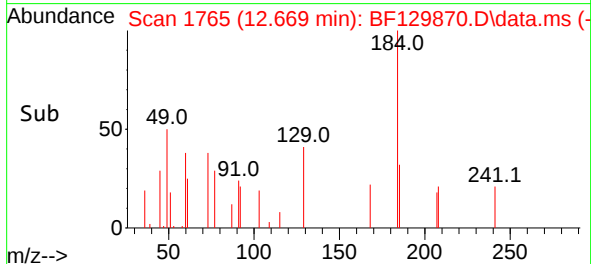
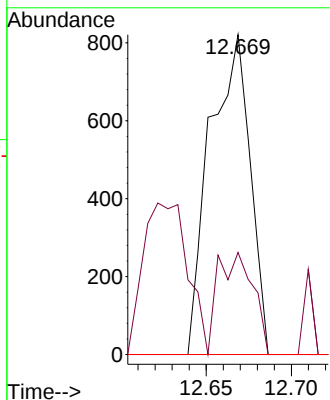
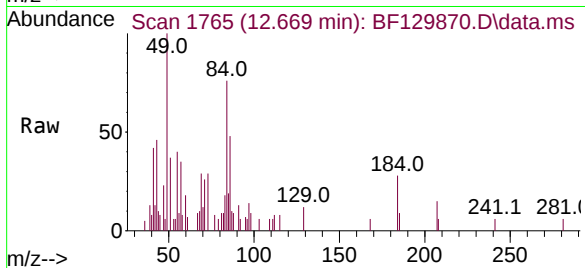




#77
Benzidine
Concen: Below Cal
RT: 12.669 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

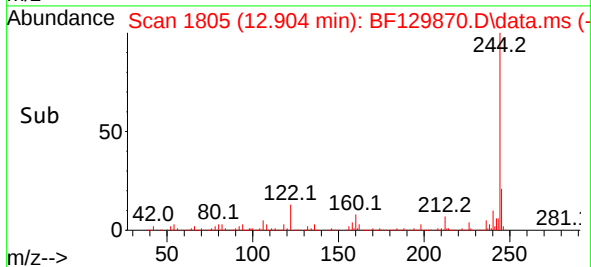
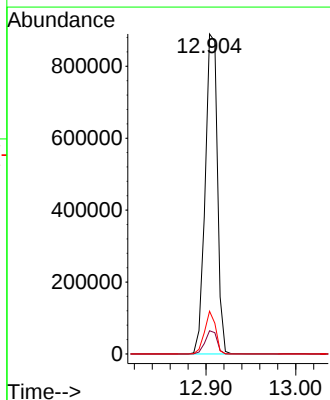
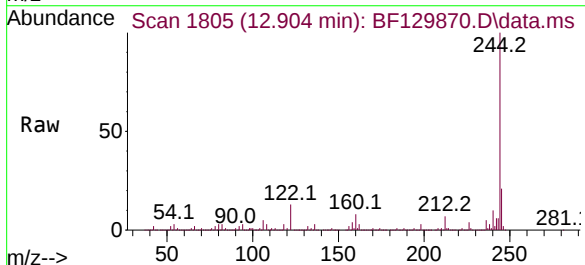
Instrument :
BNA_F
ClientSampleId :
SB13

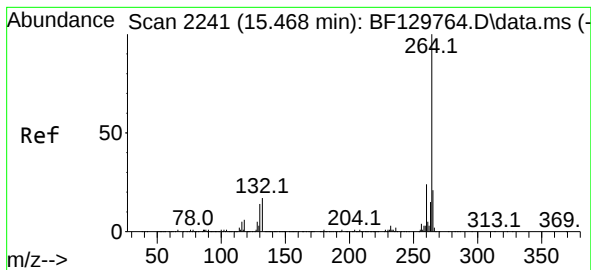
Tgt Ion:184 Resp: 1340
Ion Ratio Lower Upper
184 100
185 31.9 11.4 17.2#
183 0.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 47.140 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF129870.D
Acq: 18 Aug 2022 12:04

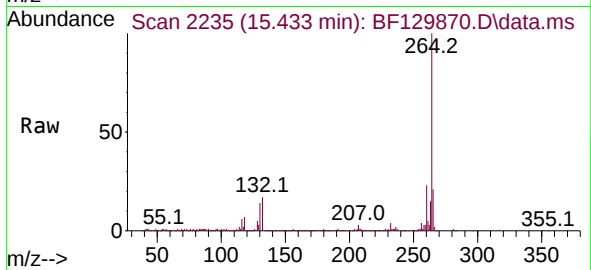
Tgt Ion:244 Resp: 840323
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 13.3 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF129870.D
 Acq: 18 Aug 2022 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SB13



Tgt Ion:264 Resp: 245300
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 20.7 16.7 25.1

