

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
 Data File : BF129263.D
 Acq On : 18 Jul 2022 10:26
 Operator : CG\JU
 Sample : PB146238BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146238BL

Quant Time: Jul 19 02:07:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

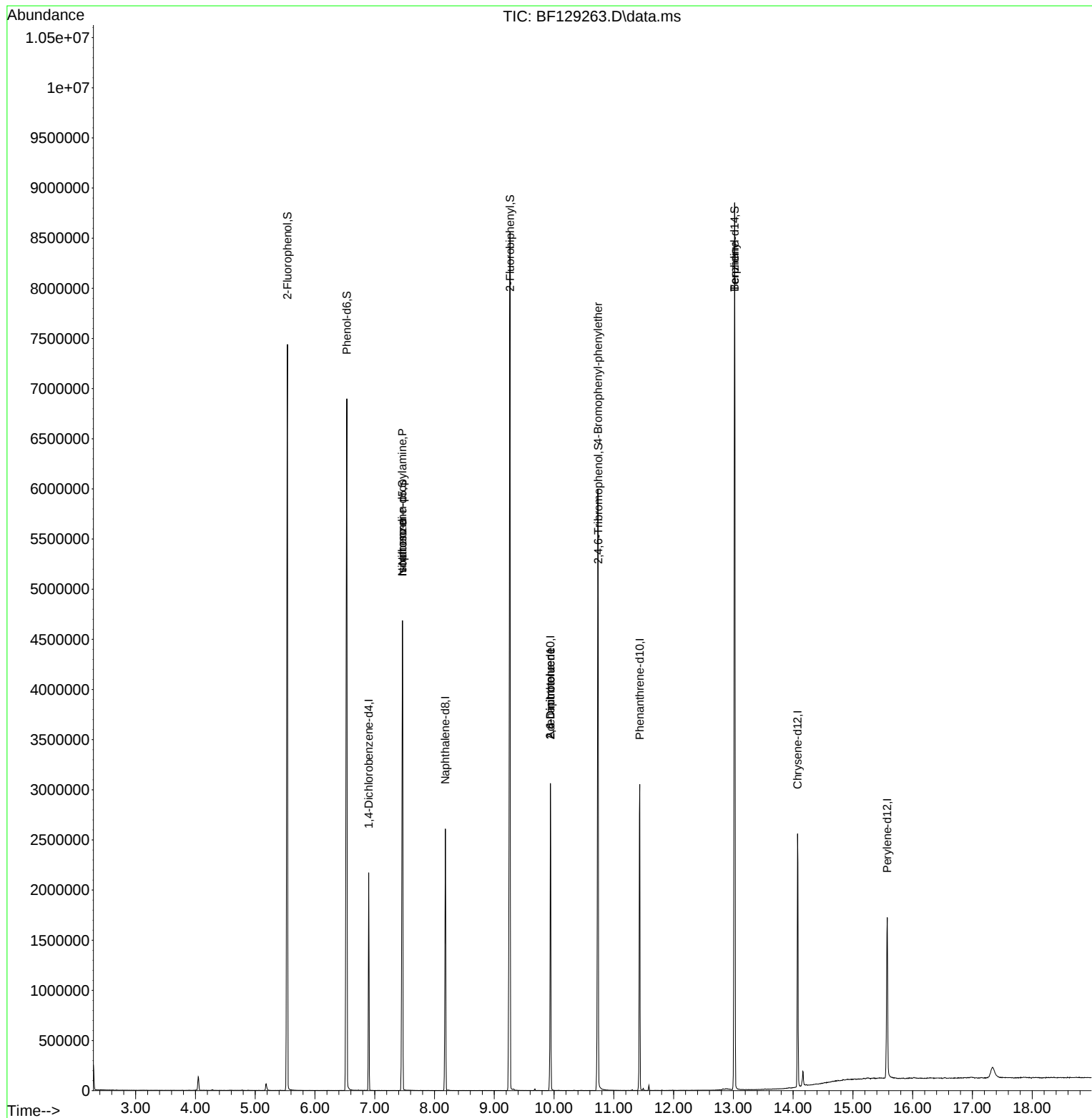
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	299312	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1214143	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	646735	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	1110739	20.000	ng	0.00
76) Chrysene-d12	14.074	240	866482	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	784088	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2248416	119.970	ng	0.02
7) Phenol-d6	6.534	99	2936553	121.148	ng	0.00
23) Nitrobenzene-d5	7.463	82	1932427	85.078	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	791026	131.776	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3127562	81.930	ng	0.00
79) Terphenyl-d14	13.022	244	3381296	73.001	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	262353	18.401	ng	# 75
25) Isophorone	7.463	82	1932409	50.621	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	84461	9.300	ng	# 25
57) 2,4-Dinitrotoluene	9.939	165	84461	7.092	ng	# 21
67) 4-Bromophenyl-phenylether	10.733	248	50252	4.298	ng	# 1
77) Benzydine	13.022	184	49342	2.034	ng	# 90

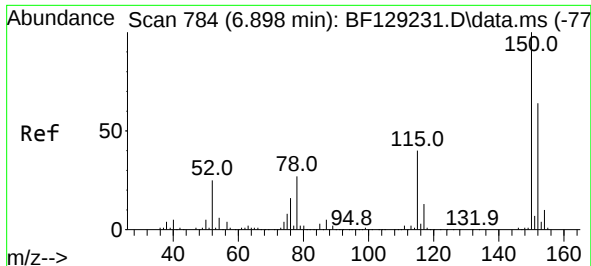
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

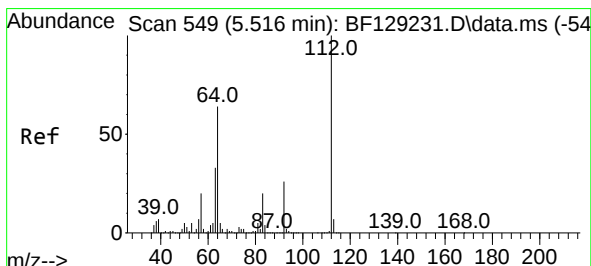
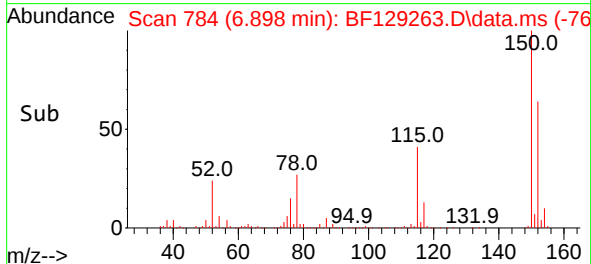
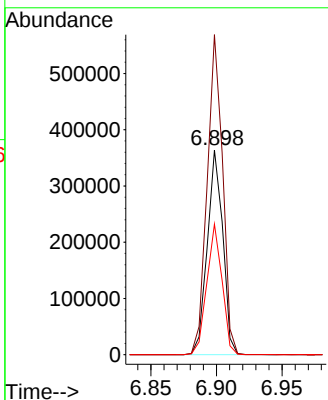
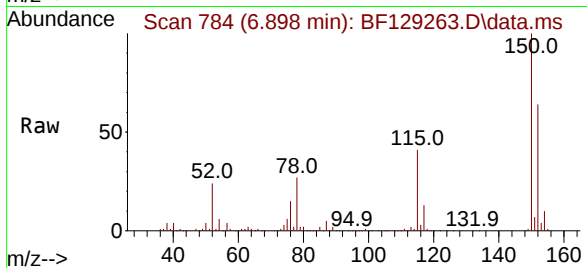




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129263.D
Acq: 18 Jul 2022 10:26

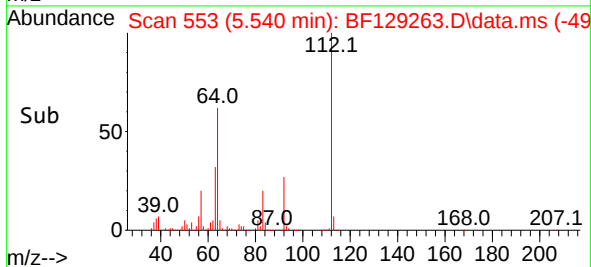
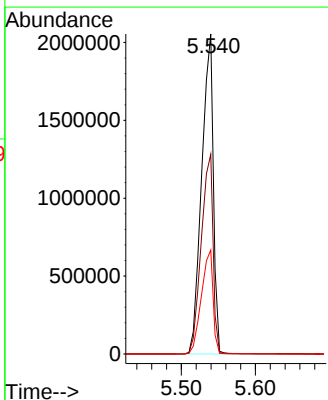
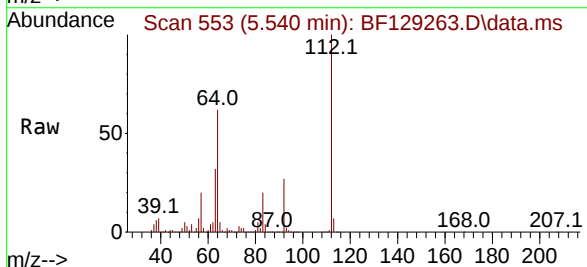
Instrument :
BNA_F
ClientSampleId :
PB146238BL

Tgt Ion:152 Resp: 299312
Ion Ratio Lower Upper
152 100
150 156.4 123.7 185.5
115 63.9 49.9 74.9



#5
2-Fluorophenol
Concen: 119.970 ng
RT: 5.540 min Scan# 553
Delta R.T. 0.024 min
Lab File: BF129263.D
Acq: 18 Jul 2022 10:26

Tgt Ion:112 Resp: 2248416
Ion Ratio Lower Upper
112 100
64 62.4 53.3 79.9
63 32.5 28.0 42.0

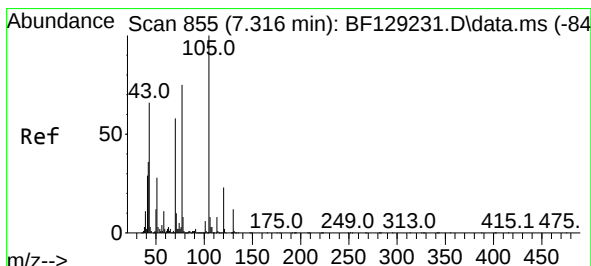
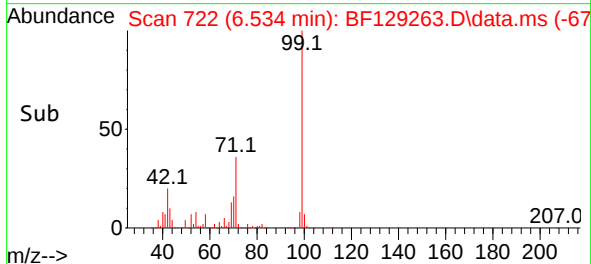
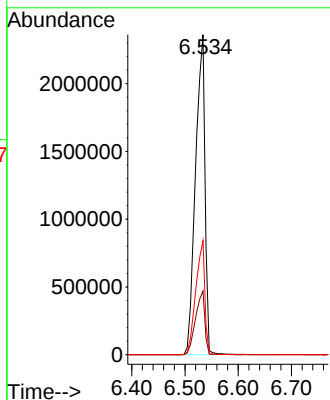
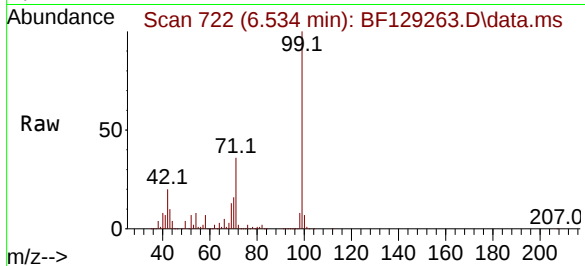




#7
Phenol-d6
Concen: 121.148 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF129263.D
Acq: 18 Jul 2022 10:26

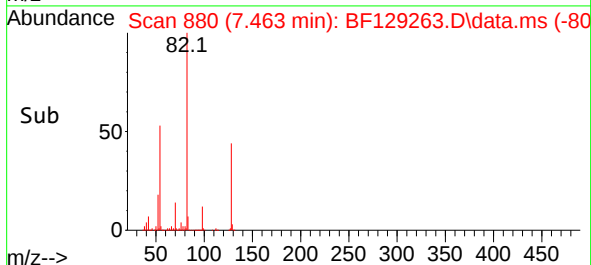
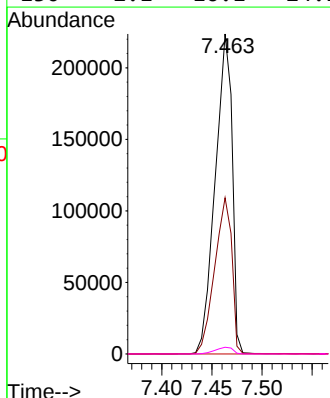
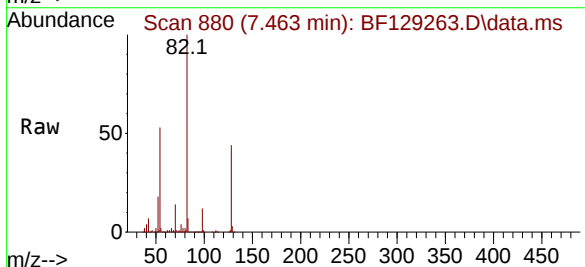
Instrument :
BNA_F
ClientSampleId :
PB146238BL

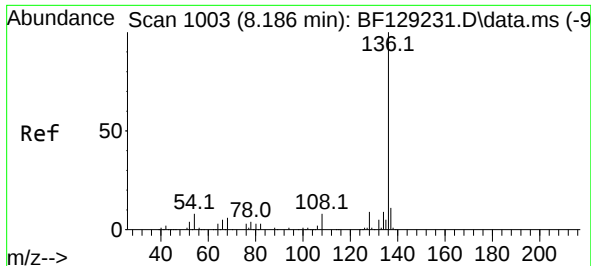
Tgt Ion: 99 Resp: 2936553
Ion Ratio Lower Upper
99 100
42 19.9 17.3 25.9
71 35.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.401 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.147 min
Lab File: BF129263.D
Acq: 18 Jul 2022 10:26

Tgt Ion: 70 Resp: 262353
Ion Ratio Lower Upper
70 100
42 48.8 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

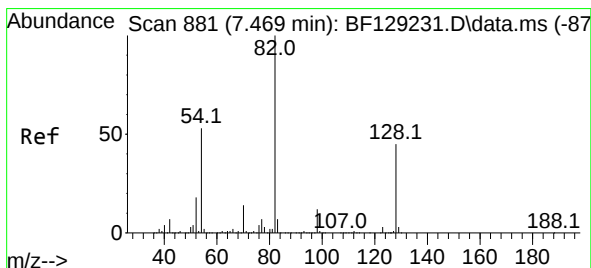
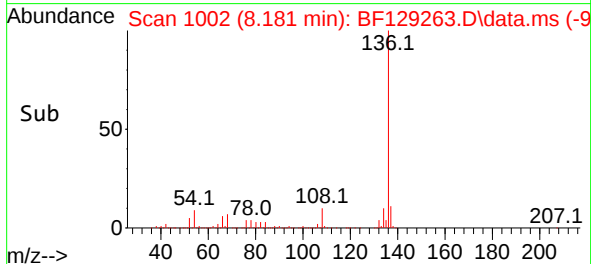
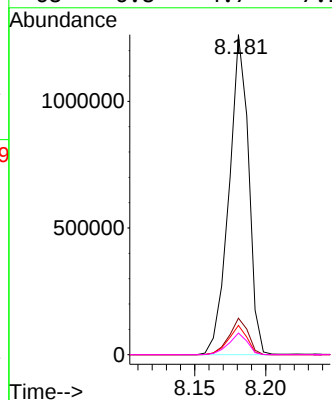
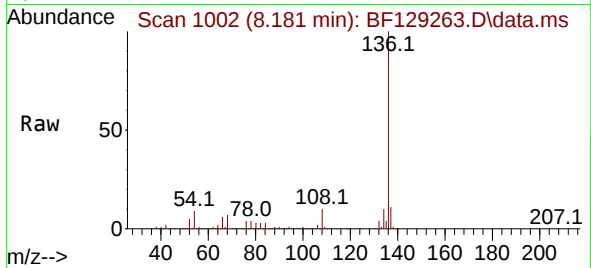




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129263.D
Acq: 18 Jul 2022 10:26

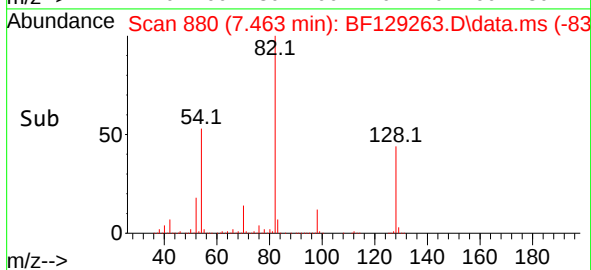
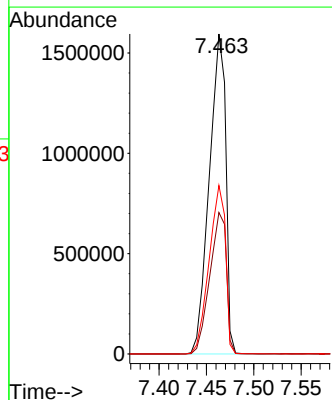
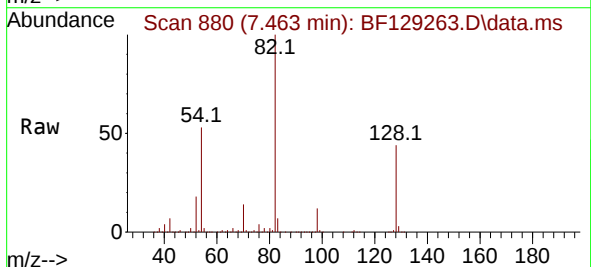
Instrument :
BNA_F
ClientSampleId :
PB146238BL

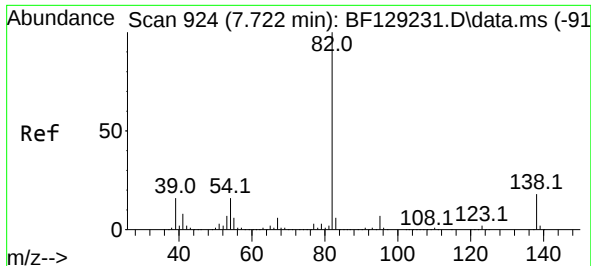
Tgt Ion:136 Resp: 1214143
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.2 7.5 11.3
68 6.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 85.078 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF129263.D
Acq: 18 Jul 2022 10:26

Tgt Ion: 82 Resp: 1932427
Ion Ratio Lower Upper
82 100
128 44.2 34.0 51.0
54 52.7 46.9 70.3

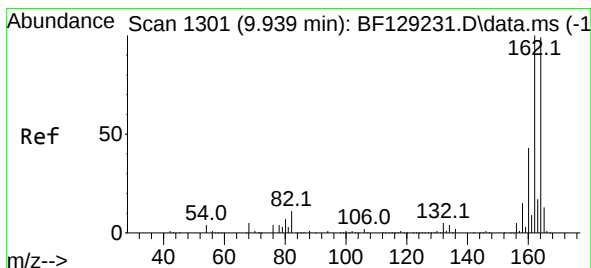
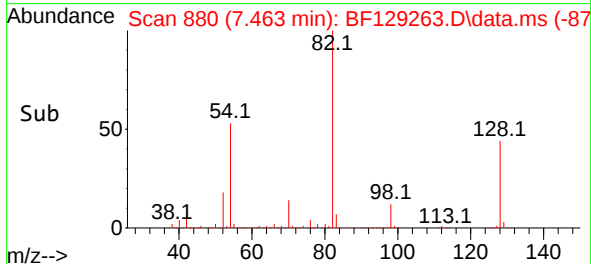
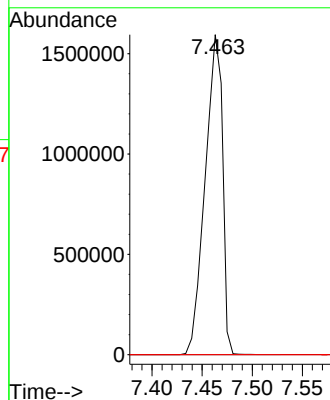
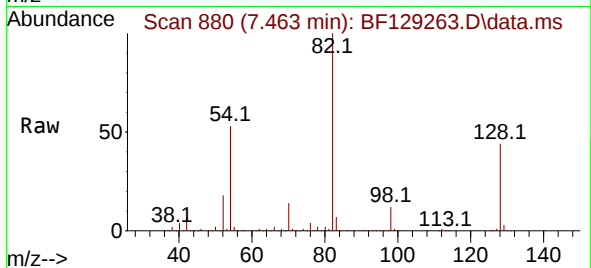




#25
Isophorone
Concen: 50.621 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129263.D
Acq: 18 Jul 2022 10:26

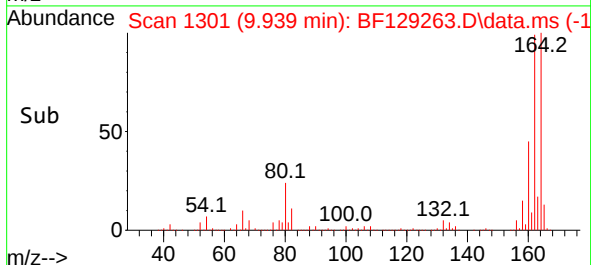
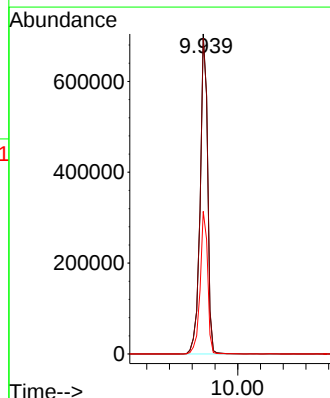
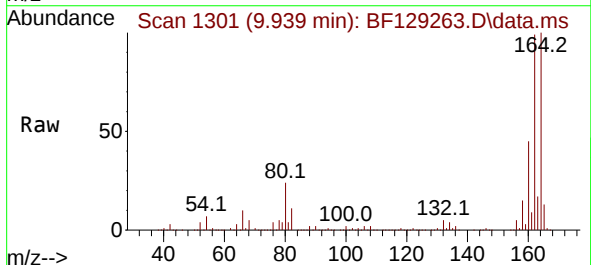
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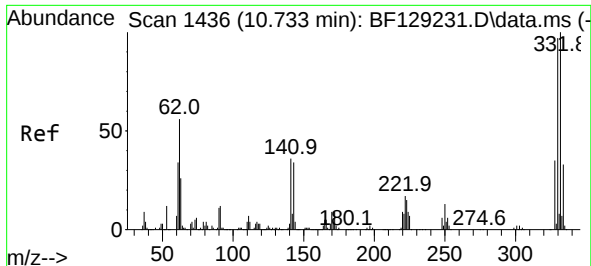
Tgt Ion: 82 Resp: 1932409
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF129263.D
Acq: 18 Jul 2022 10:26

Tgt Ion:164 Resp: 646735
Ion Ratio Lower Upper
164 100
162 98.7 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 131.776 ng

RT: 10.739 min Scan# 1437

Delta R.T. 0.006 min

Lab File: BF129263.D

Acq: 18 Jul 2022 10:26

Instrument :

BNA_F

ClientSampleId :

PB146238BL

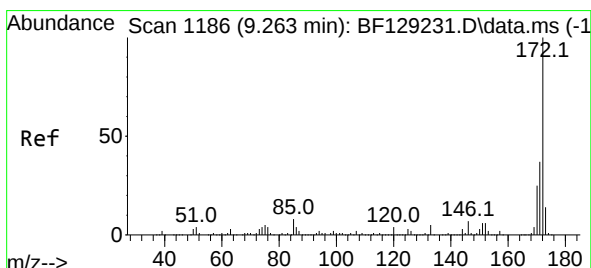
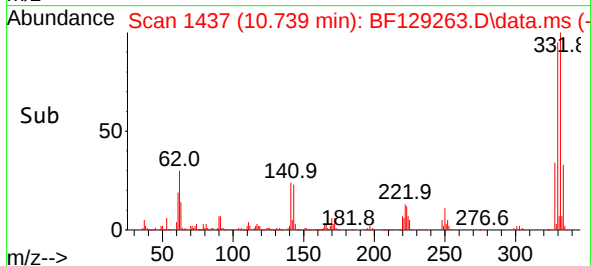
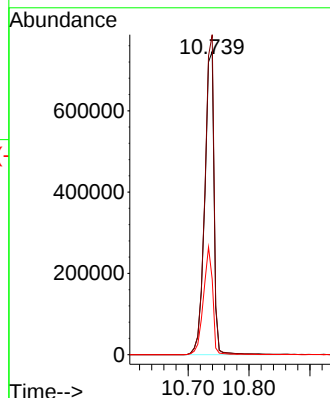
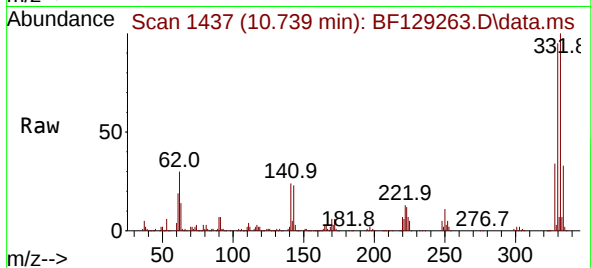
Tgt Ion:330 Resp: 791026

Ion Ratio Lower Upper

330 100

332 103.5 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 81.930 ng

RT: 9.263 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF129263.D

Acq: 18 Jul 2022 10:26

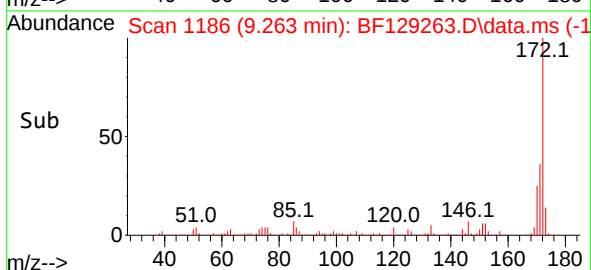
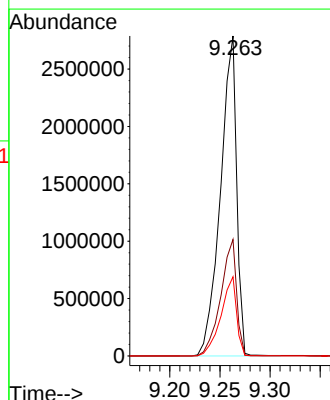
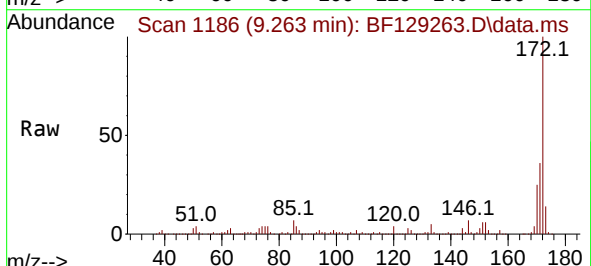
Tgt Ion:172 Resp: 3127562

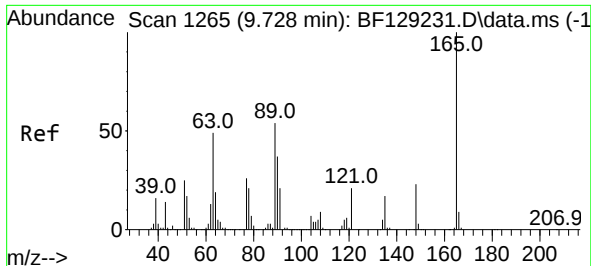
Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.8 19.8 29.8

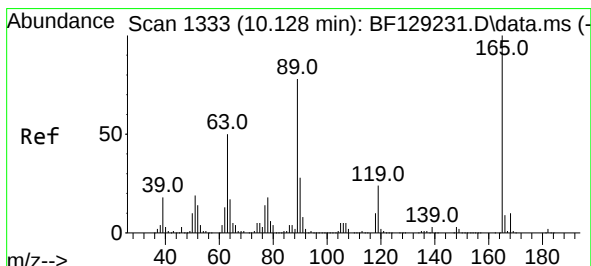
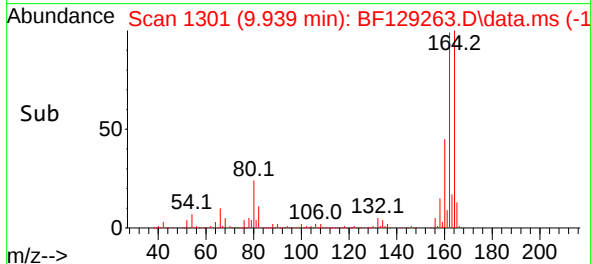
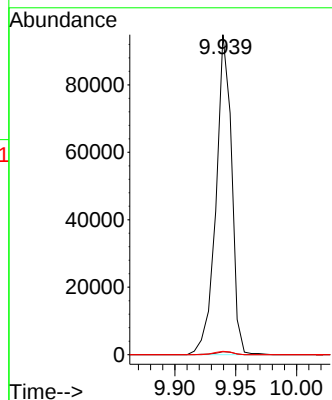
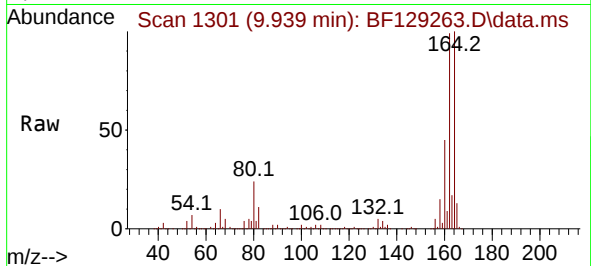




#51
2,6-Dinitrotoluene
Concen: 9.300 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129263.D
Acq: 18 Jul 2022 10:26

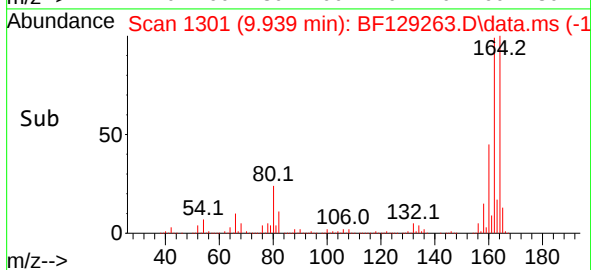
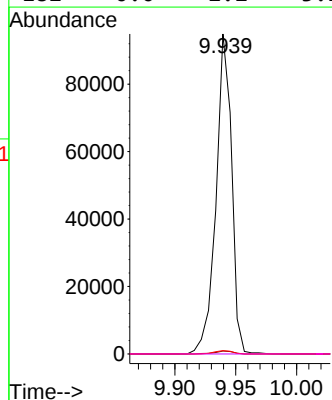
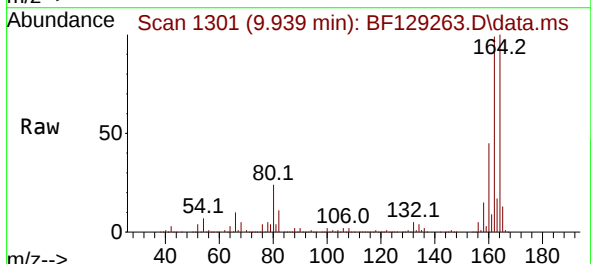
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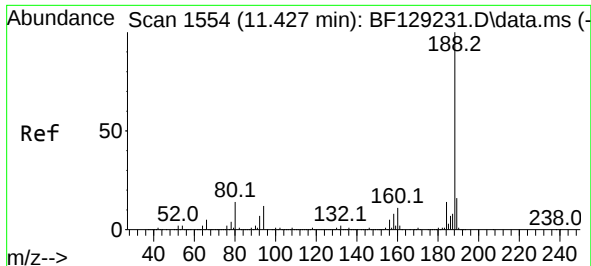
Tgt Ion:165 Resp: 84461
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.092 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.188 min
Lab File: BF129263.D
Acq: 18 Jul 2022 10:26

Tgt Ion:165 Resp: 84461
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#

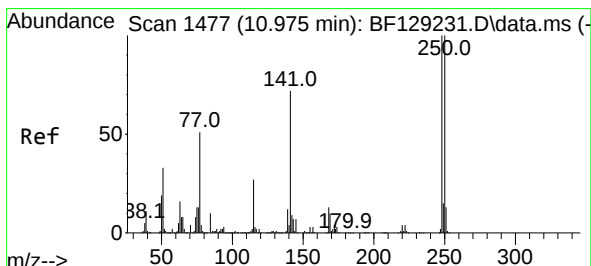
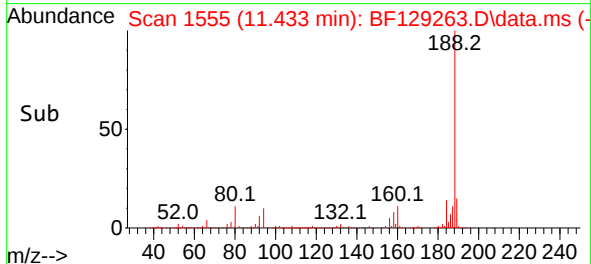
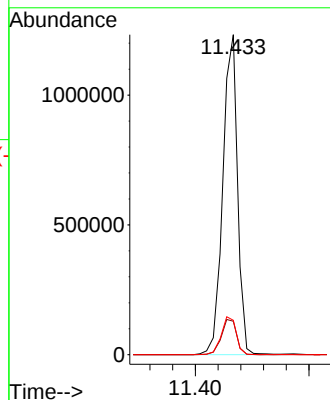
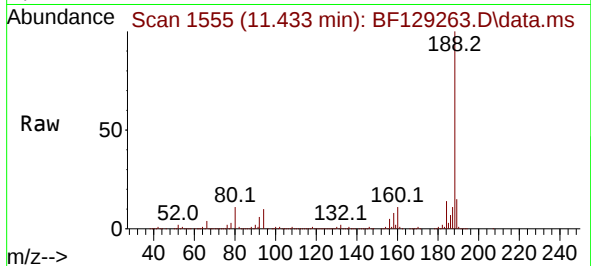




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF129263.D
Acq: 18 Jul 2022 10:26

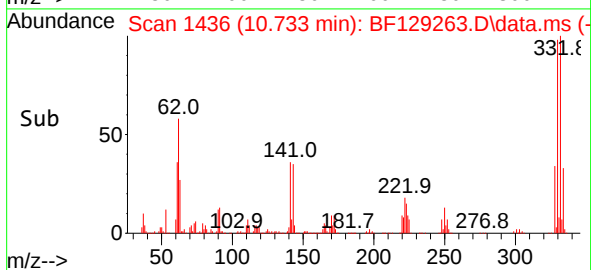
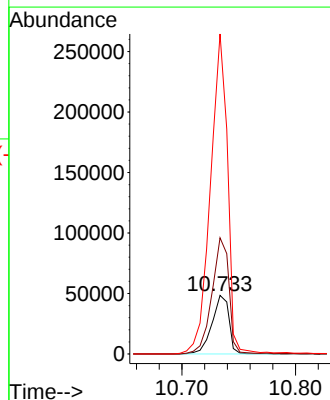
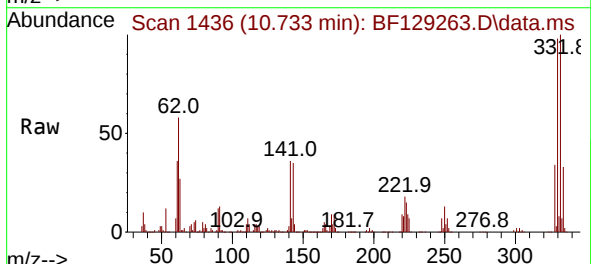
Instrument :
BNA_F
ClientSampleId :
PB146238BL

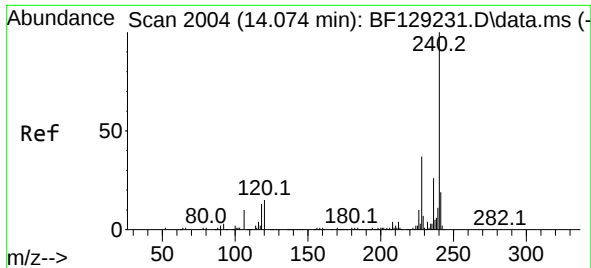
Tgt Ion:188 Resp: 1110739
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 10.7 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.298 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.241 min
Lab File: BF129263.D
Acq: 18 Jul 2022 10:26

Tgt Ion:248 Resp: 50252
Ion Ratio Lower Upper
248 100
250 198.5 80.6 120.8#
141 547.0 58.9 88.3#

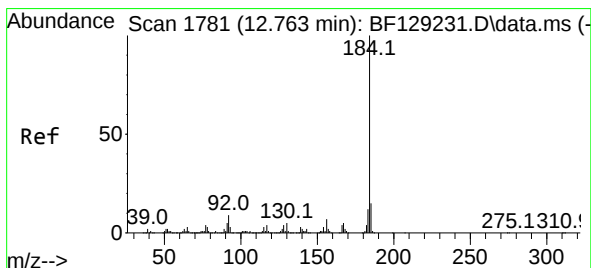
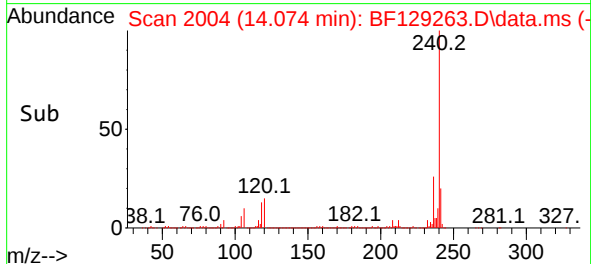
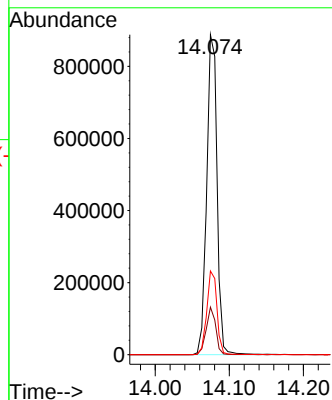
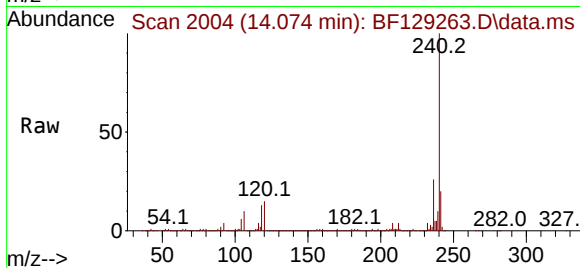




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF129263.D
Acq: 18 Jul 2022 10:26

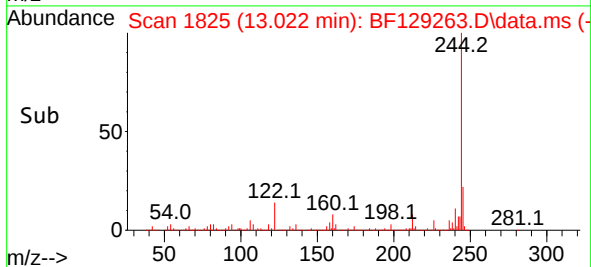
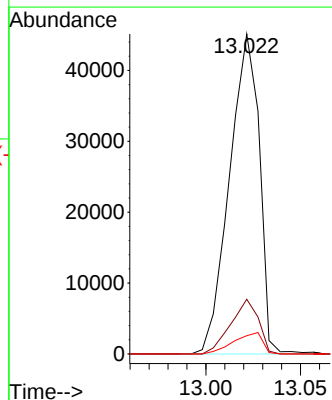
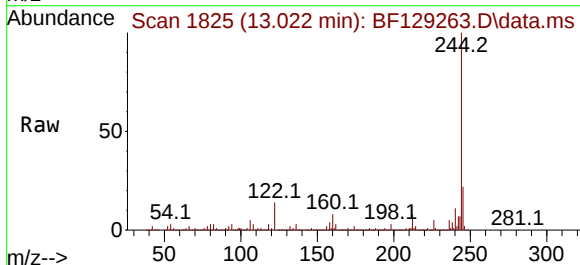
Instrument :
BNA_F
ClientSampleId :
PB146238BL

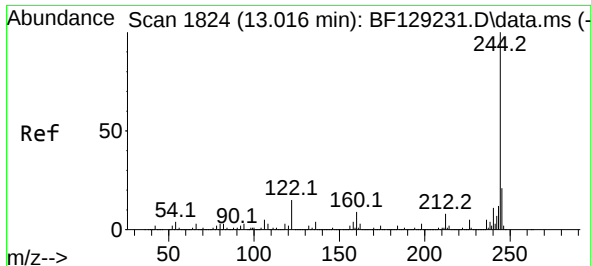
Tgt Ion:240 Resp: 866482
Ion Ratio Lower Upper
240 100
120 14.8 8.9 13.3#
236 26.1 20.8 31.2



#77
Benidine
Concen: 2.034 ng
RT: 13.022 min Scan# 1825
Delta R.T. 0.259 min
Lab File: BF129263.D
Acq: 18 Jul 2022 10:26

Tgt Ion:184 Resp: 49342
Ion Ratio Lower Upper
184 100
185 17.1 11.9 17.9
183 5.7 9.3 13.9#

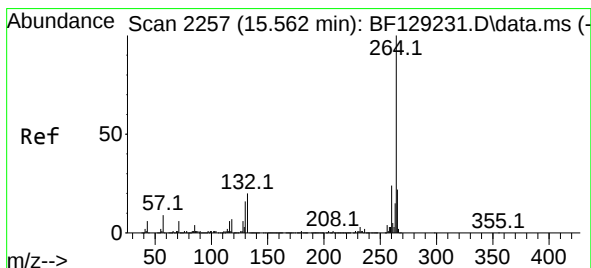
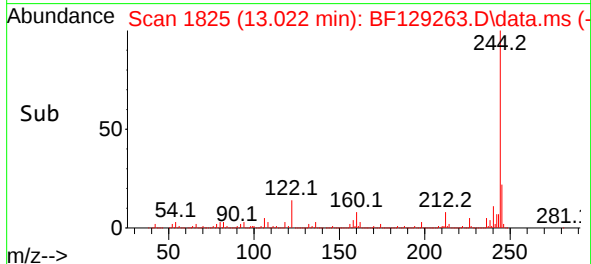
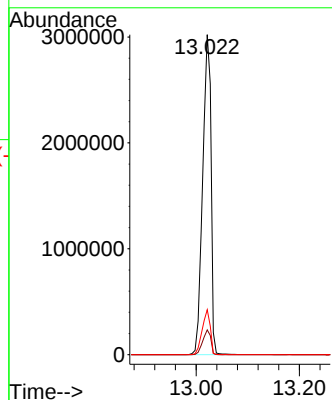
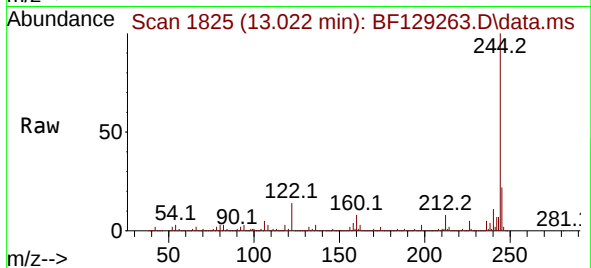




#79
 Terphenyl-d14
 Concen: 73.001 ng
 RT: 13.022 min Scan# 1825
 Delta R.T. 0.006 min
 Lab File: BF129263.D
 Acq: 18 Jul 2022 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB146238BL

Tgt Ion:244 Resp: 3381296
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 14.1 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2259
 Delta R.T. 0.012 min
 Lab File: BF129263.D
 Acq: 18 Jul 2022 10:26

Tgt Ion:264 Resp: 784088
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.6 17.2 25.8

