

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129243.D
 Acq On : 15 Jul 2022 17:43
 Operator : CG\JU
 Sample : N3649-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-6-LC

Quant Time: Jul 16 01:42:06 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)

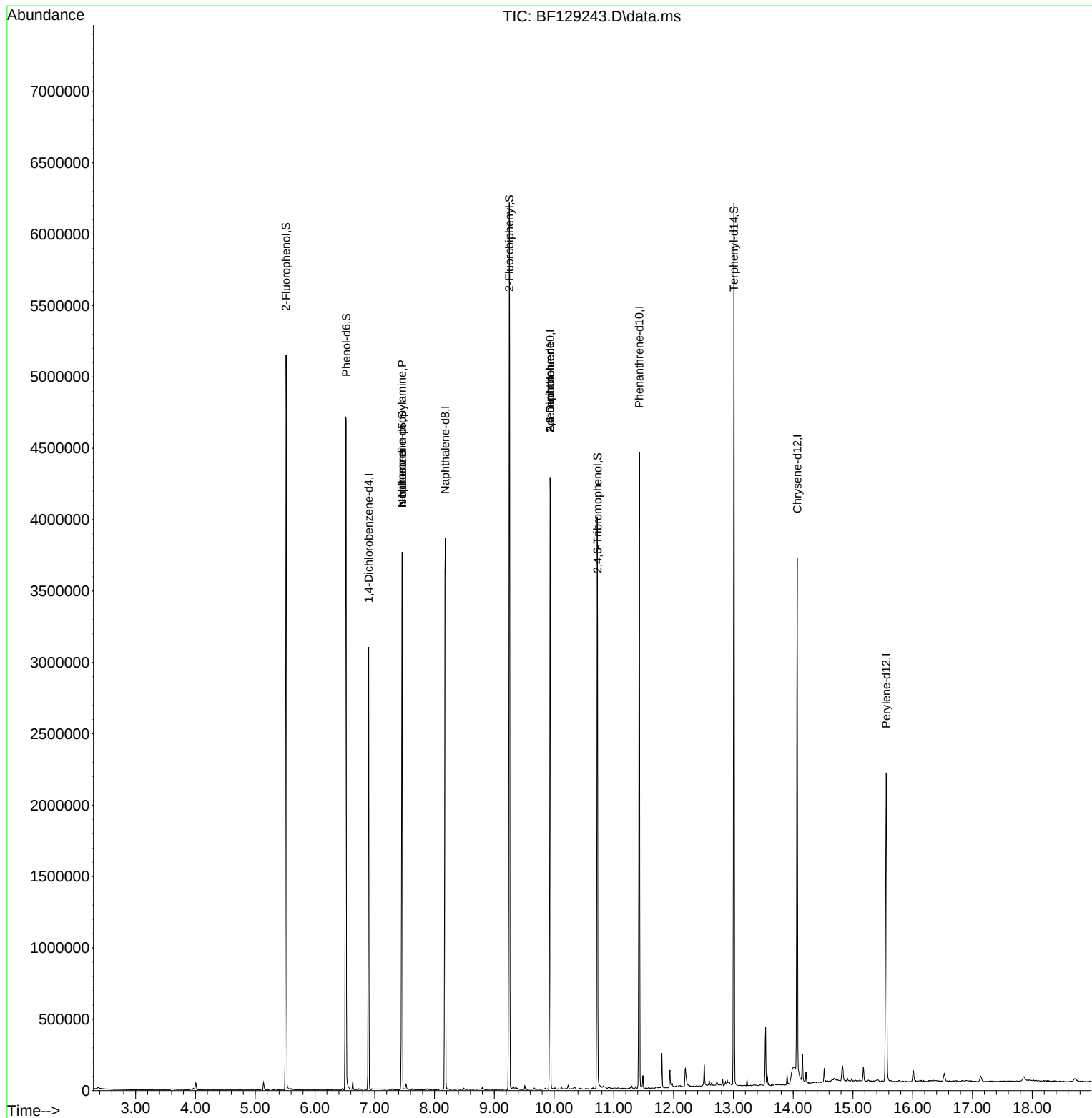
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	456795	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1816600	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	962424	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	1590227	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	1160614	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	948786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1500100	52.447	ng	0.00
7) Phenol-d6	6.522	99	1930712	52.191	ng	0.00
23) Nitrobenzene-d5	7.457	82	1202899	35.396	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	450708	50.455	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2042746	35.959	ng	-0.01
79) Terphenyl-d14	13.010	244	1949896	31.429	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	158993	7.307	ng	# 76
25) Isophorone	7.457	82	1201046	21.028	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	125143	9.260	ng	# 26
57) 2,4-Dinitrotoluene	9.933	165	125143	7.061	ng	# 21

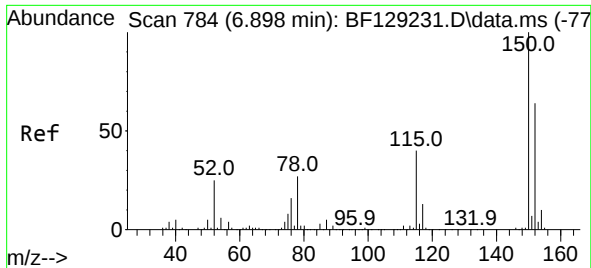
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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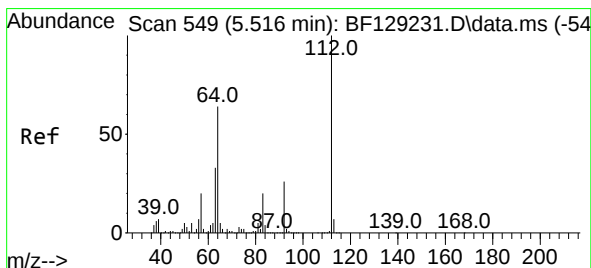
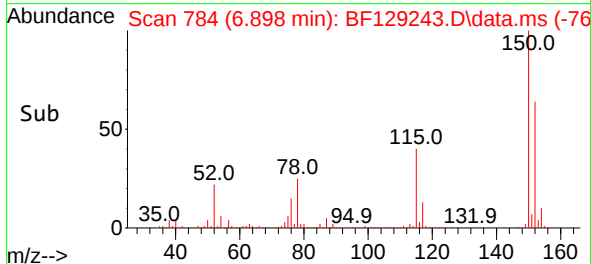
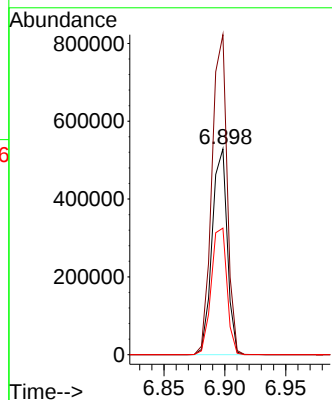
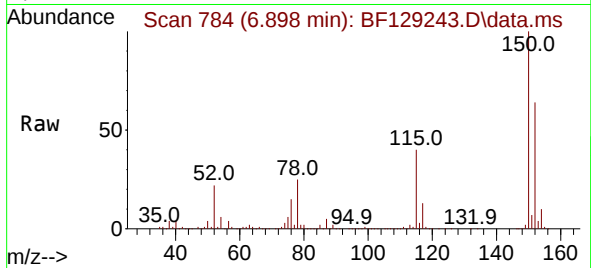




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: BF129243.D
 Acq: 15 Jul 2022 17:43

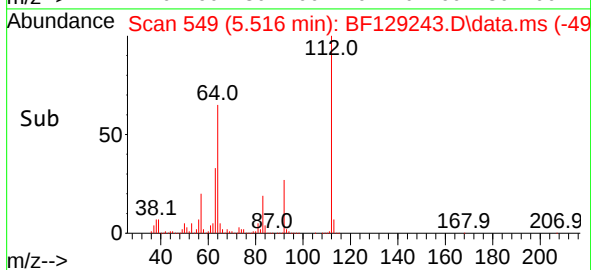
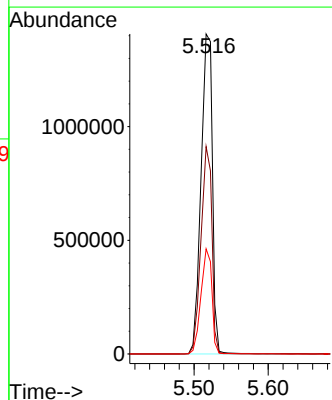
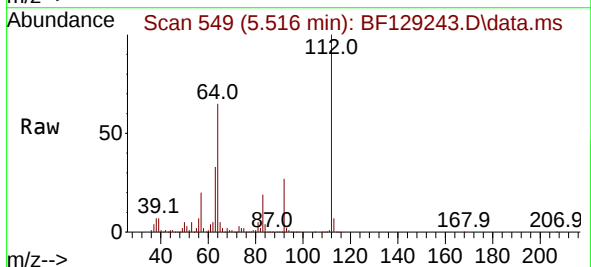
Instrument :
 BNA_F
 ClientSampleId :
 A-6-LC

Tgt Ion:152 Resp: 456795
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.7 185.5
 115 61.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 52.447 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.000 min
 Lab File: BF129243.D
 Acq: 15 Jul 2022 17:43

Tgt Ion:112 Resp: 1500100
 Ion Ratio Lower Upper
 112 100
 64 64.8 53.3 79.9
 63 32.9 28.0 42.0

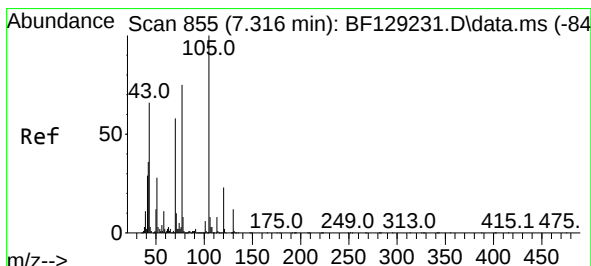
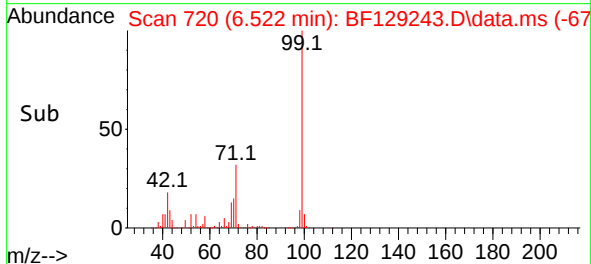
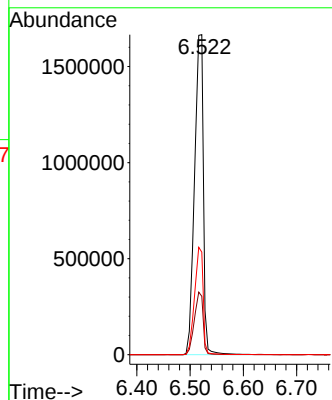
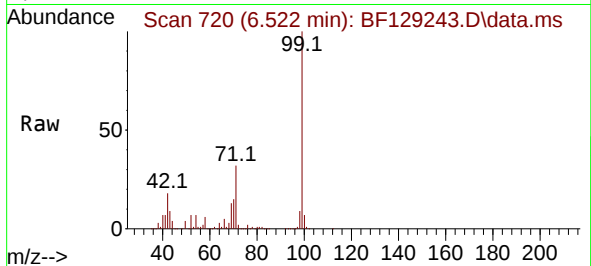




#7
Phenol-d6
Concen: 52.191 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129243.D
Acq: 15 Jul 2022 17:43

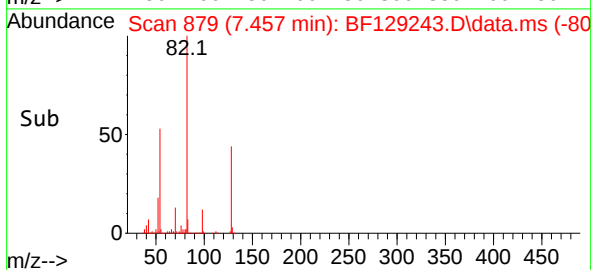
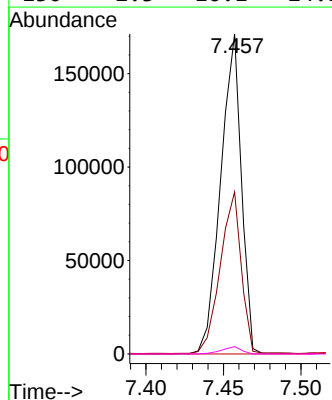
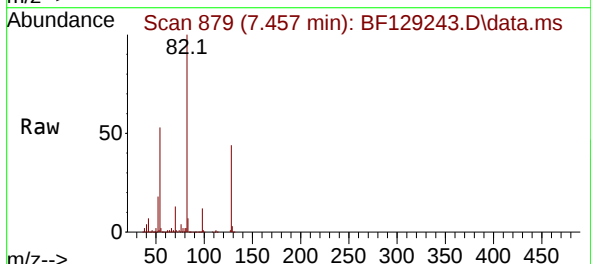
Instrument :
BNA_F
ClientSampleId :
A-6-LC

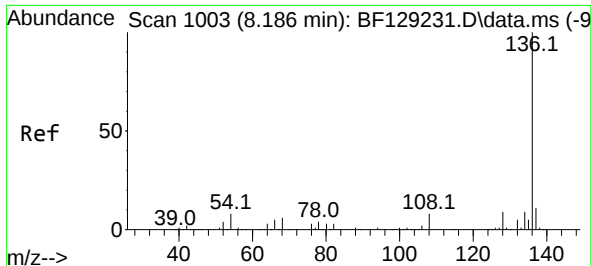
Tgt Ion: 99 Resp: 1930712
Ion Ratio Lower Upper
99 100
42 18.3 17.3 25.9
71 32.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 7.307 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.141 min
Lab File: BF129243.D
Acq: 15 Jul 2022 17:43

Tgt Ion: 70 Resp: 158993
Ion Ratio Lower Upper
70 100
42 50.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

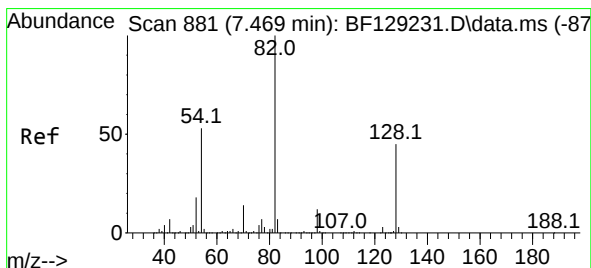
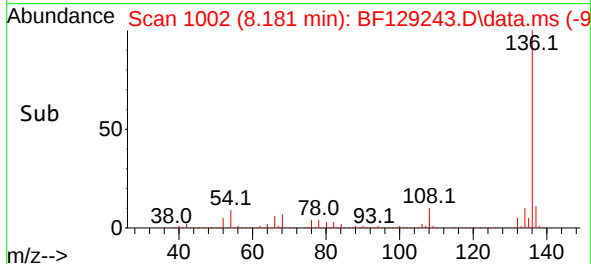
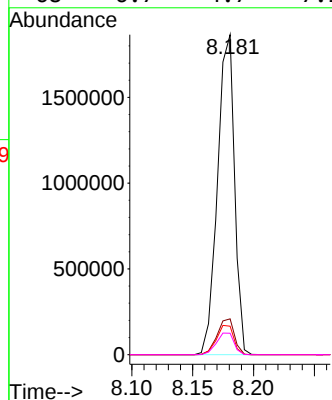
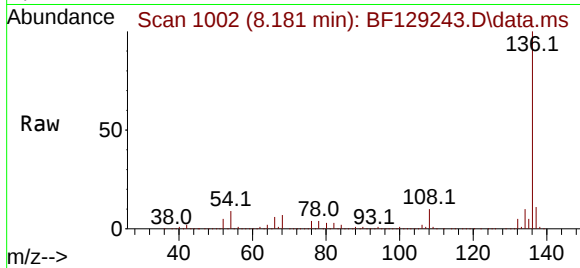




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129243.D
Acq: 15 Jul 2022 17:43

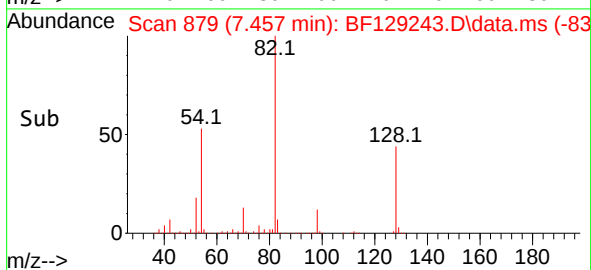
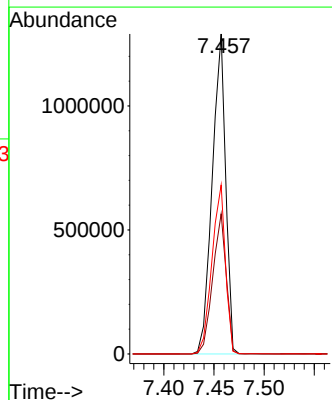
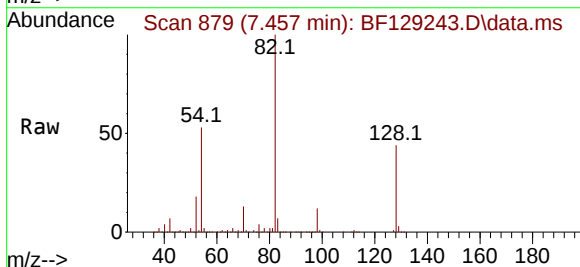
Instrument :
BNA_F
ClientSampleId :
A-6-LC

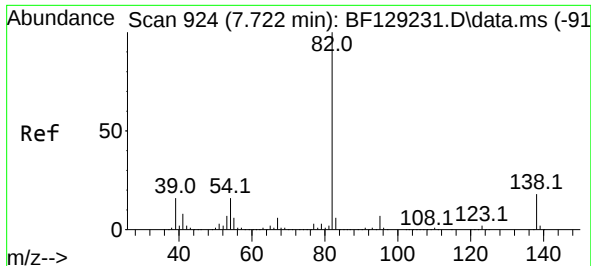
Tgt Ion:136 Resp: 1816600
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.9 7.5 11.3
68 6.7 4.7 7.1



#23
Nitrobenzene-d5
Concen: 35.396 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF129243.D
Acq: 15 Jul 2022 17:43

Tgt Ion: 82 Resp: 1202899
Ion Ratio Lower Upper
82 100
128 43.8 34.0 51.0
54 52.8 46.9 70.3

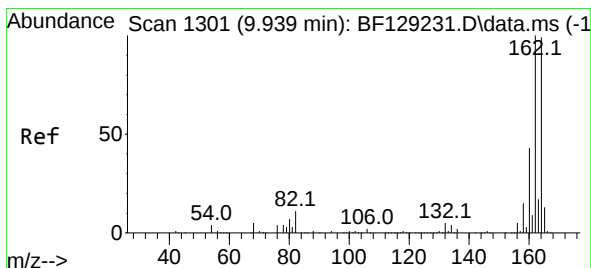
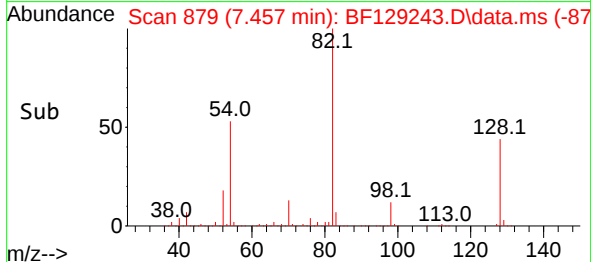
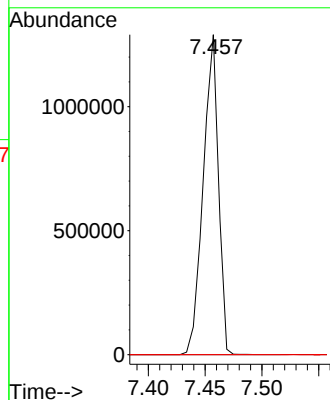
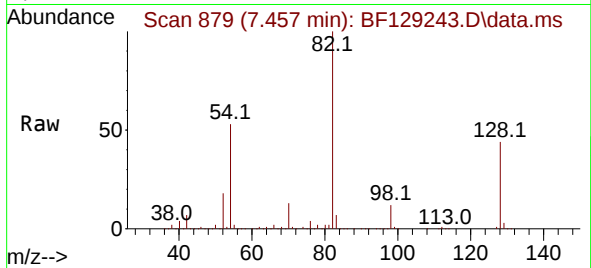




#25
Isophorone
Concen: 21.028 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129243.D
Acq: 15 Jul 2022 17:43

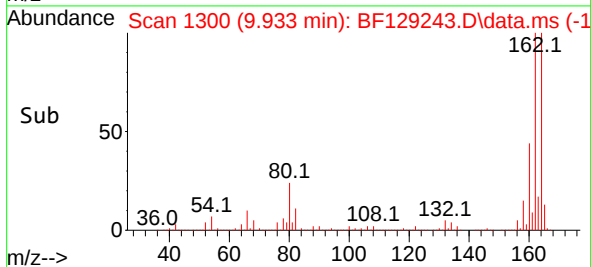
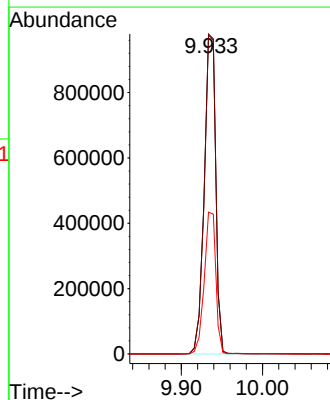
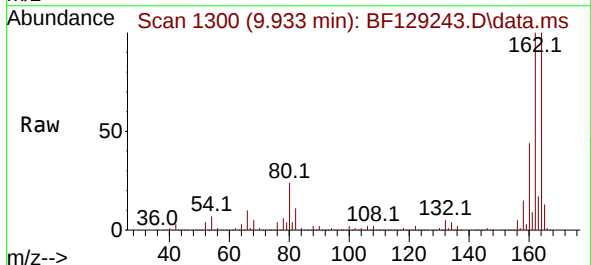
Instrument :
BNA_F
ClientSampleId :
A-6-LC

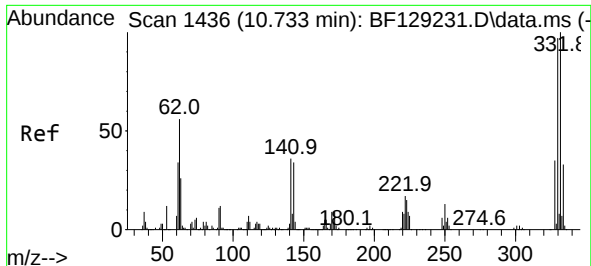
Tgt Ion: 82 Resp: 1201046
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF129243.D
Acq: 15 Jul 2022 17:43

Tgt Ion:164 Resp: 962424
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 50.455 ng

RT: 10.728 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF129243.D

Acq: 15 Jul 2022 17:43

Instrument :

BNA_F

ClientSampleId :

A-6-LC

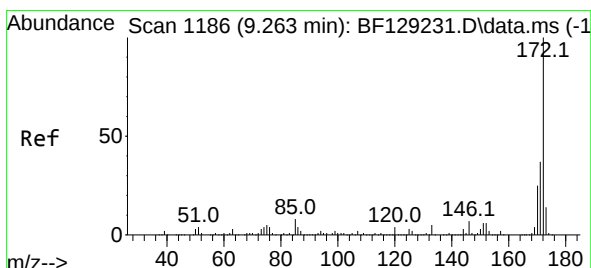
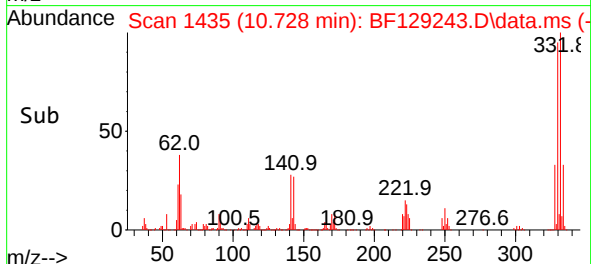
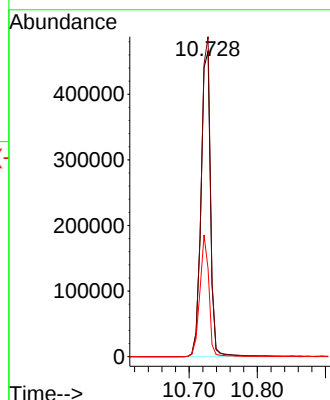
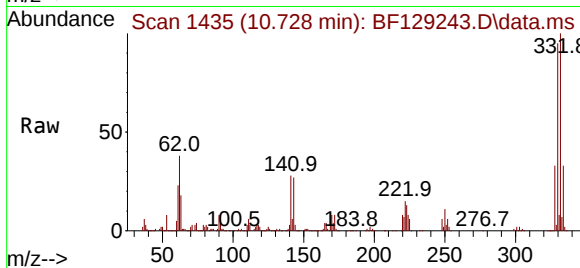
Tgt Ion:330 Resp: 450708

Ion Ratio Lower Upper

330 100

332 102.8 76.8 115.2

141 38.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 35.959 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.012 min

Lab File: BF129243.D

Acq: 15 Jul 2022 17:43

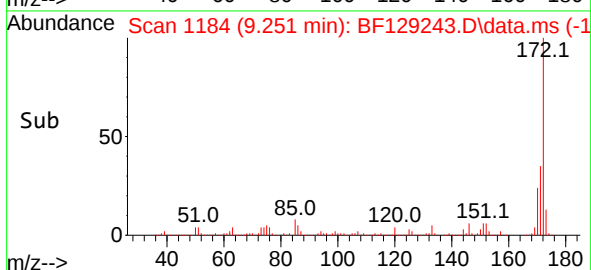
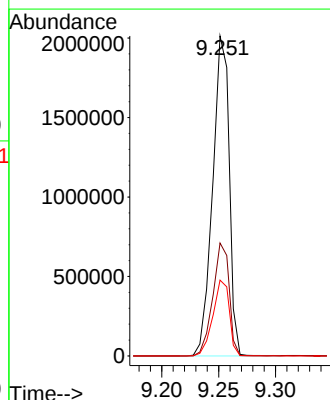
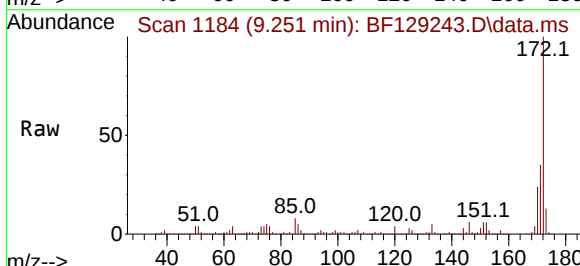
Tgt Ion:172 Resp: 2042746

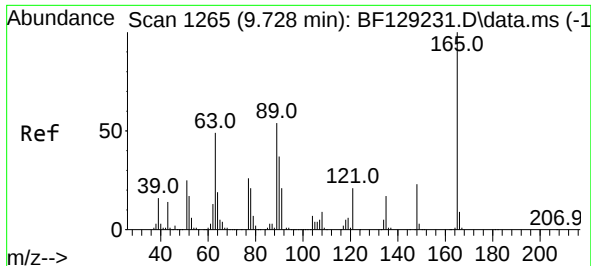
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.7 19.8 29.8

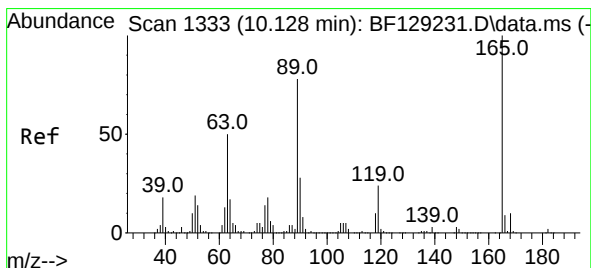
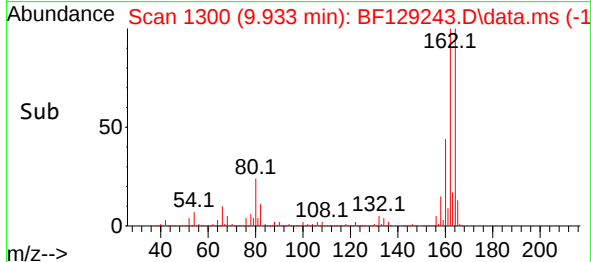
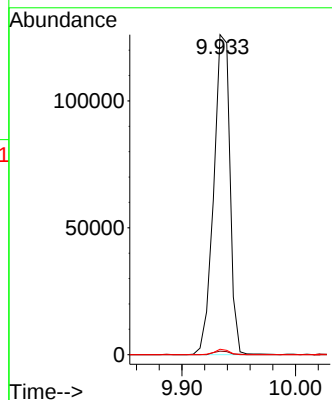
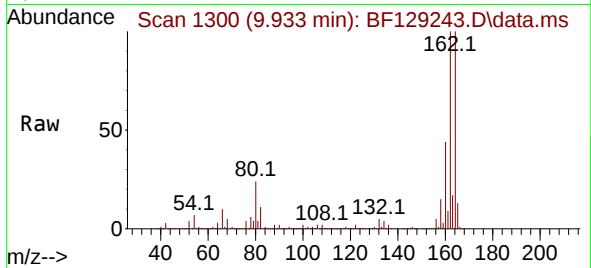




#51
2,6-Dinitrotoluene
Concen: 9.260 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF129243.D
Acq: 15 Jul 2022 17:43

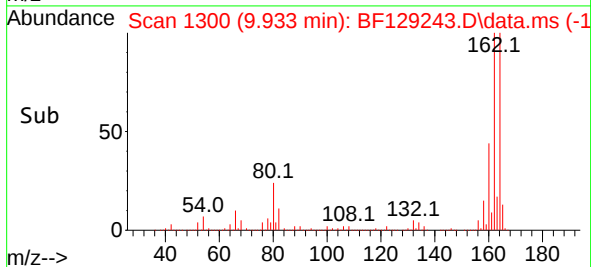
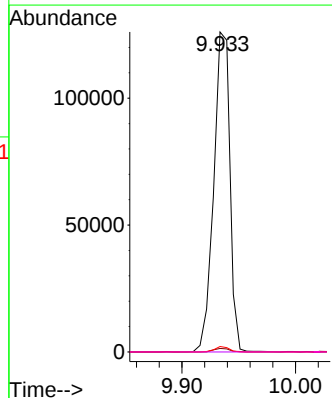
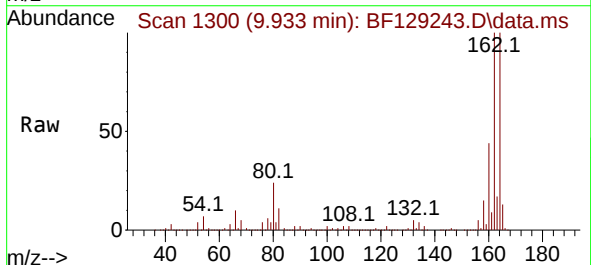
Instrument :
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A-6-LC

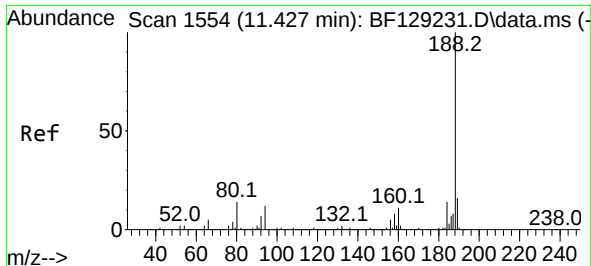
Tgt Ion:165 Resp: 125143
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.7 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.061 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.194 min
Lab File: BF129243.D
Acq: 15 Jul 2022 17:43

Tgt Ion:165 Resp: 125143
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.7 60.2 90.2#
182 0.0 2.2 3.2#

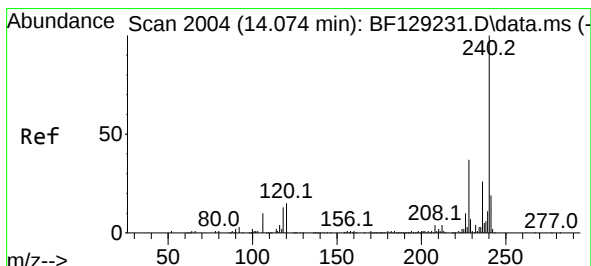
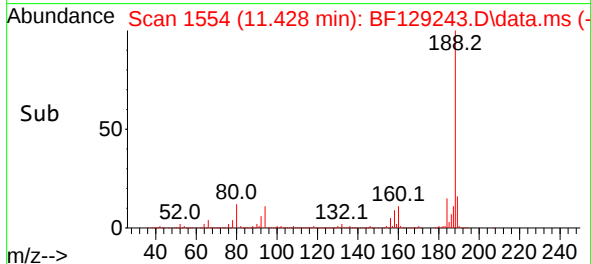
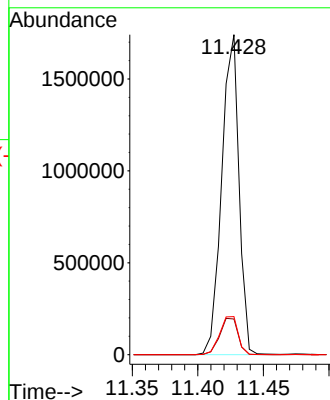
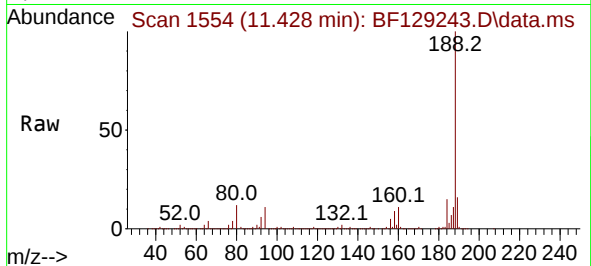




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129243.D
Acq: 15 Jul 2022 17:43

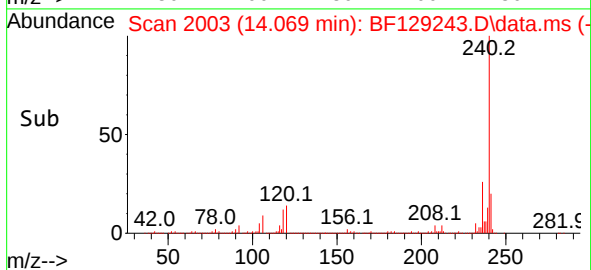
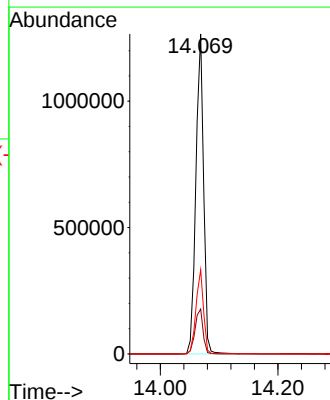
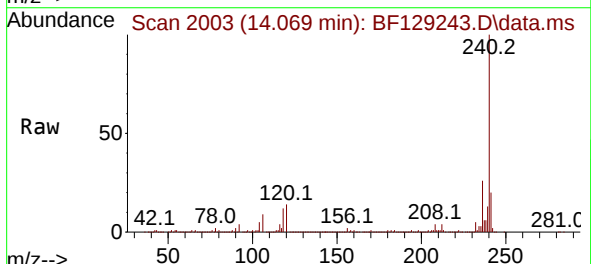
Instrument :
BNA_F
ClientSampleId :
A-6-LC

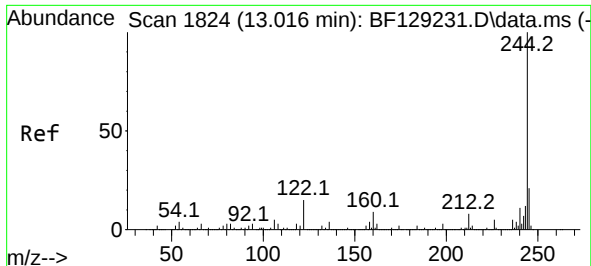
Tgt Ion:188 Resp: 1590227
Ion Ratio Lower Upper
188 100
94 11.2 7.0 10.6#
80 11.9 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF129243.D
Acq: 15 Jul 2022 17:43

Tgt Ion:240 Resp: 1160614
Ion Ratio Lower Upper
240 100
120 14.1 8.9 13.3#
236 26.3 20.8 31.2

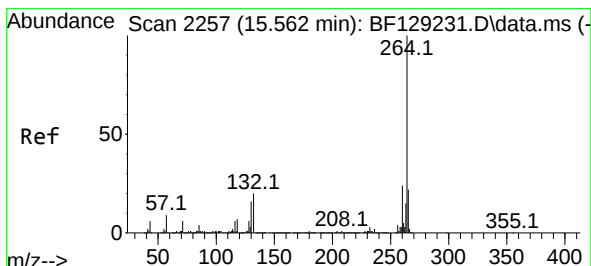
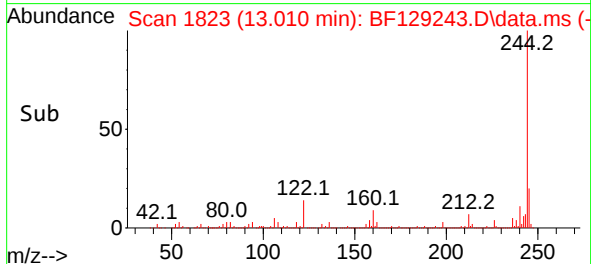
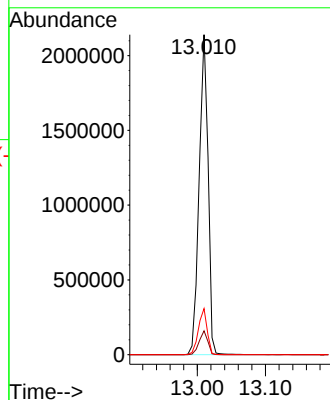
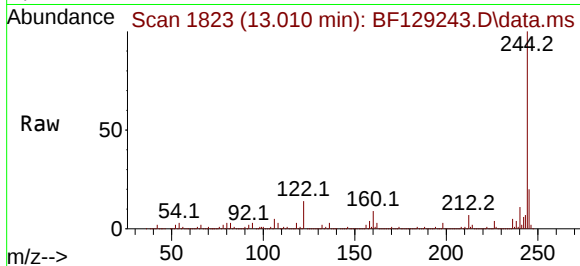




#79
 Terphenyl-d14
 Concen: 31.429 ng
 RT: 13.010 min Scan# 1824
 Delta R.T. -0.006 min
 Lab File: BF129243.D
 Acq: 15 Jul 2022 17:43

Instrument :
 BNA_F
 ClientSampleId :
 A-6-LC

Tgt Ion:244 Resp: 1949896
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 14.4 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. -0.006 min
 Lab File: BF129243.D
 Acq: 15 Jul 2022 17:43

Tgt Ion:264 Resp: 948786
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.4 17.2 25.8

