

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129902.D
 Acq On : 19 Aug 2022 09:43
 Operator : CG\JU
 Sample : PB146929BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146929BL

Quant Time: Aug 19 11:49:59 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)

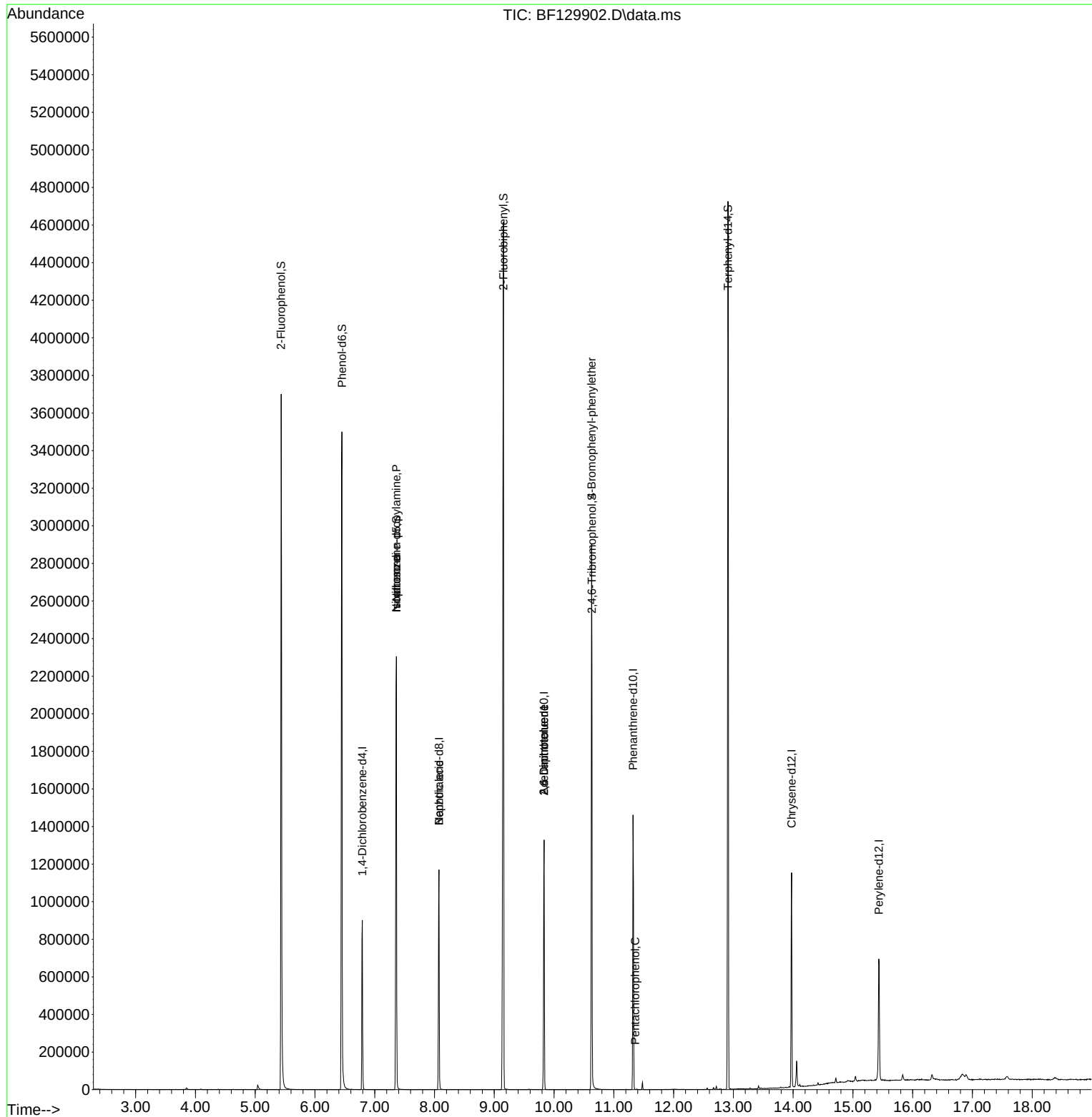
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	135864	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	542907	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	285163	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	498421	20.000	ng	0.00
76) Chrysene-d12	13.974	240	383943	20.000	ng	0.00
86) Perylene-d12	15.433	264	297838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1032312	125.802	ng	0.00
7) Phenol-d6	6.451	99	1275534	124.128	ng	0.00
23) Nitrobenzene-d5	7.363	82	813510	80.214	ng	0.00
42) 2,4,6-Tribromophenol	10.634	330	347010	121.246	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1513346	80.602	ng	0.00
79) Terphenyl-d14	12.910	244	1686369	73.084	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.451	77	1945	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.363	70	108111	16.644	ng	# 75
25) Isophorone	7.363	82	813498	46.604	ng	# 65
32) Benzoic acid	8.075	122	129	2.201	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	37035	8.352	ng	# 23
57) 2,4-Dinitrotoluene	9.834	165	37035	6.434	ng	# 18
67) 4-Bromophenyl-phenylether	10.628	248	21675	3.713	ng	# 1
70) Pentachlorophenol	11.357	266	65	5.214	ng	# 20
77) Benzidine	12.669	184	5220	Below Cal	#	93

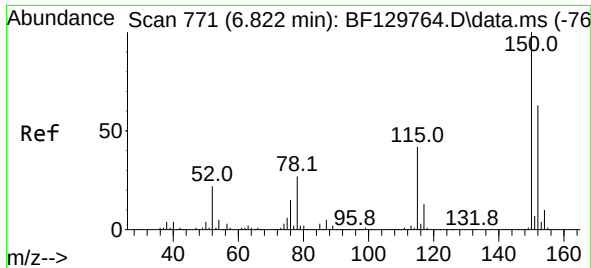
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
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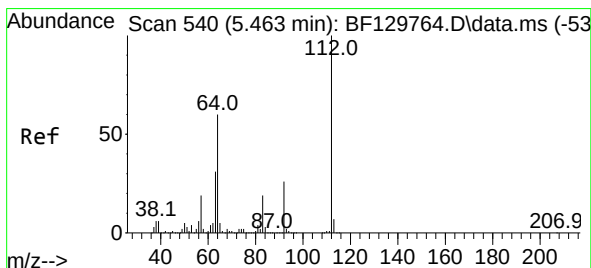
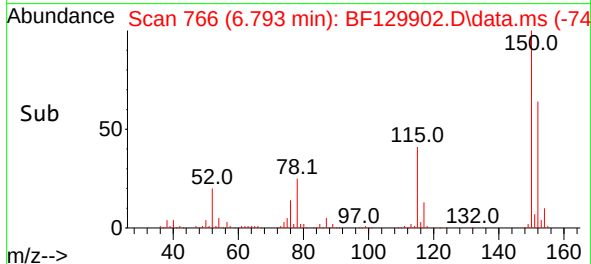
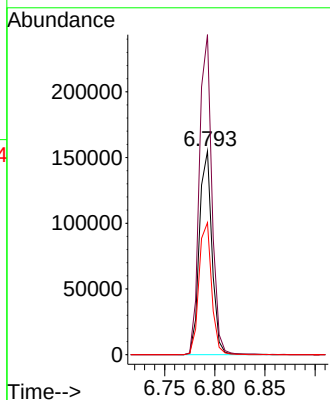
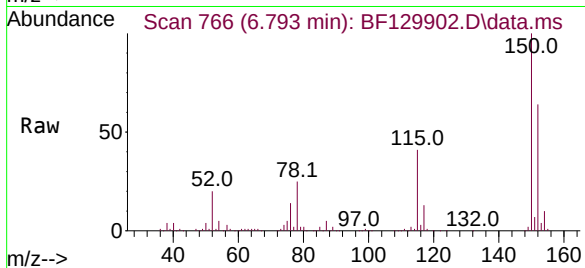




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

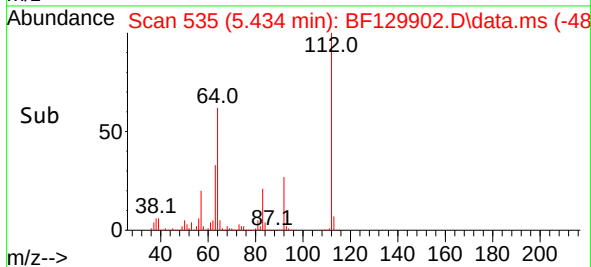
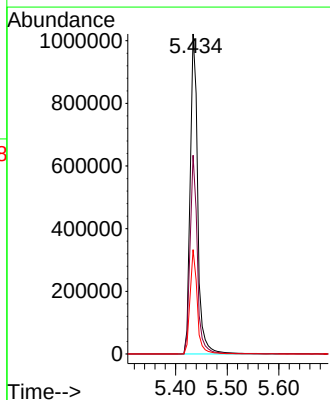
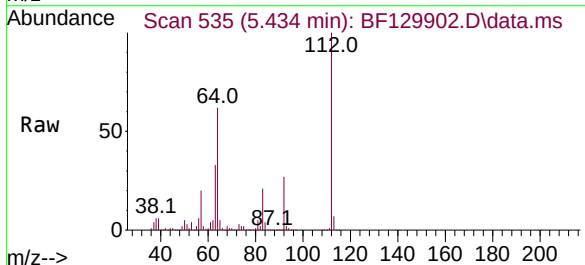
Instrument :
BNA_F
ClientSampleId :
PB146929BL

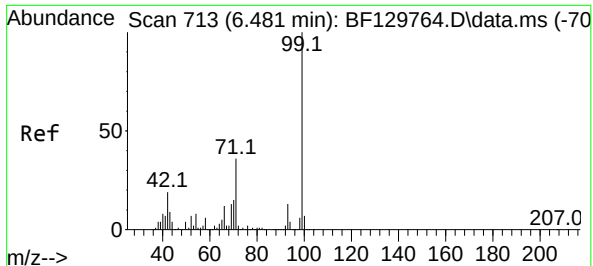
Tgt Ion:152 Resp: 135864
Ion Ratio Lower Upper
152 100
150 157.2 126.9 190.3
115 64.9 53.4 80.0



#5
2-Fluorophenol
Concen: 125.802 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.006 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

Tgt Ion:112 Resp: 1032312
Ion Ratio Lower Upper
112 100
64 62.1 47.6 71.4
63 32.6 24.6 37.0

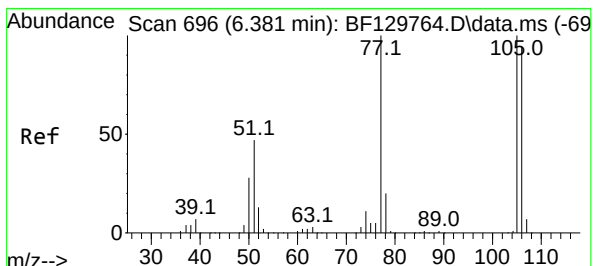
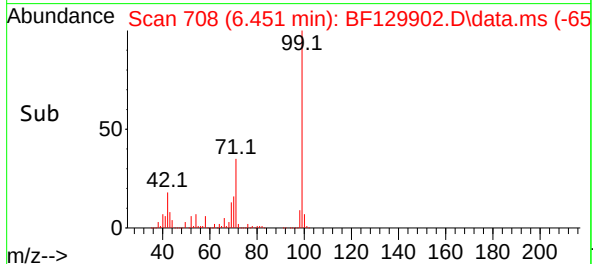
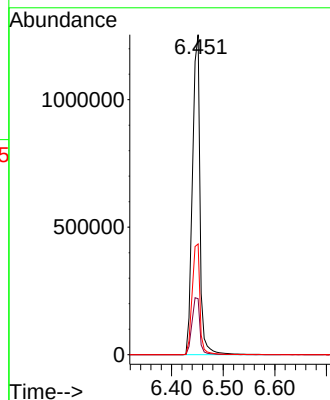
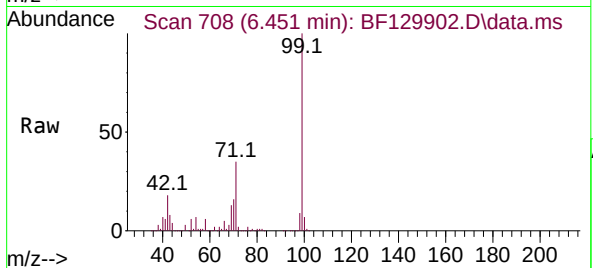




#7
Phenol-d6
Concen: 124.128 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

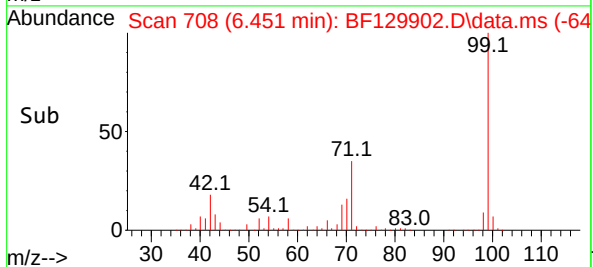
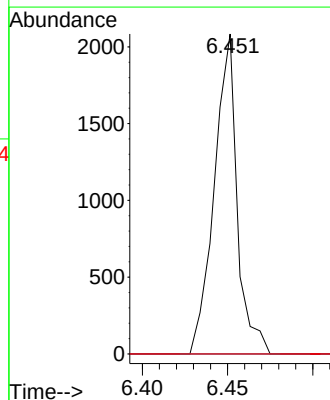
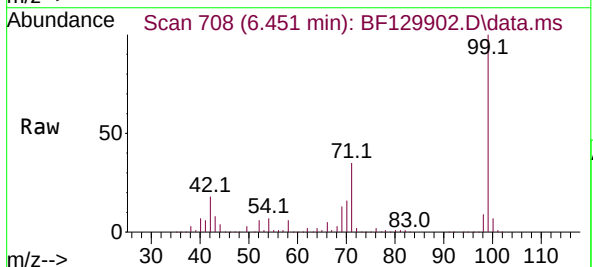
Instrument :
BNA_F
ClientSampleId :
PB146929BL

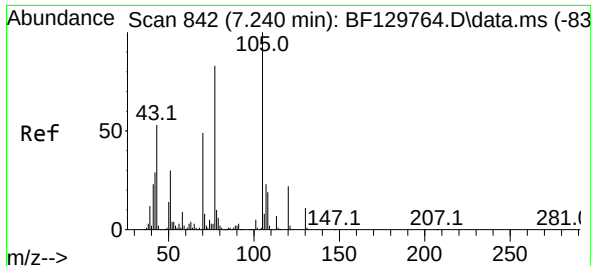
Tgt Ion: 99 Resp: 1275534
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.4
71 34.6 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.451 min Scan# 708
Delta R.T. 0.100 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

Tgt Ion: 77 Resp: 1945
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

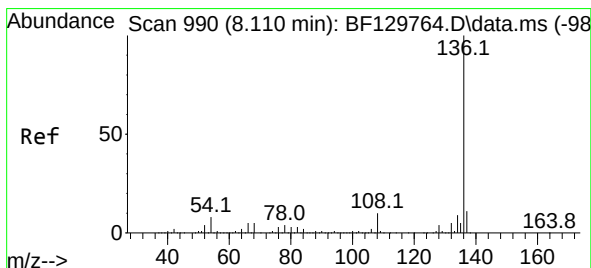
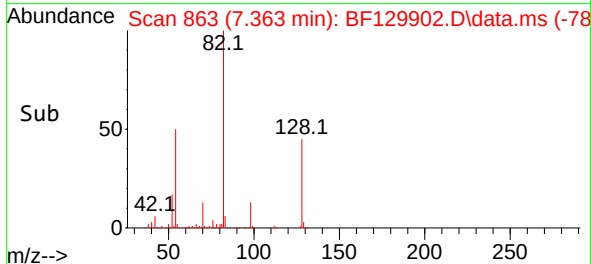
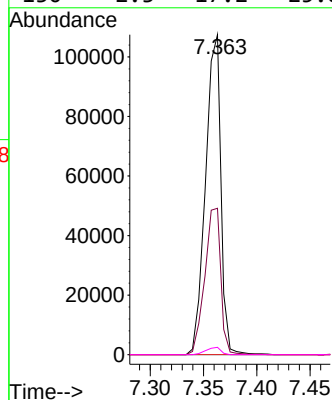
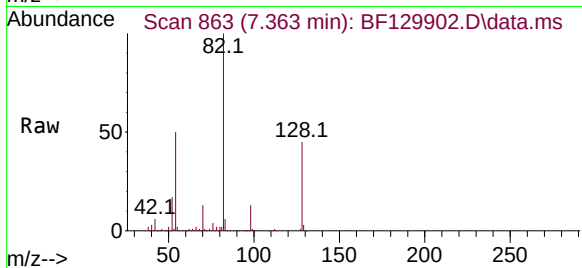




#19
n-Nitroso-di-n-propylamine
Concen: 16.644 ng
RT: 7.363 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

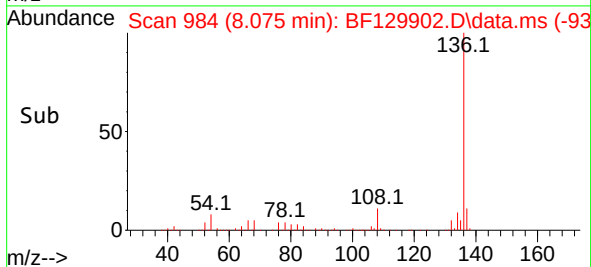
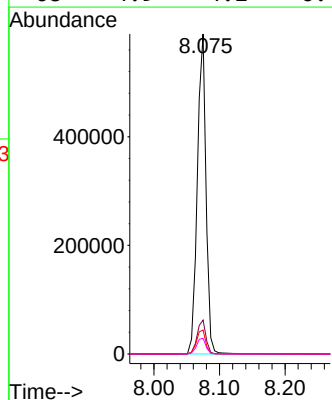
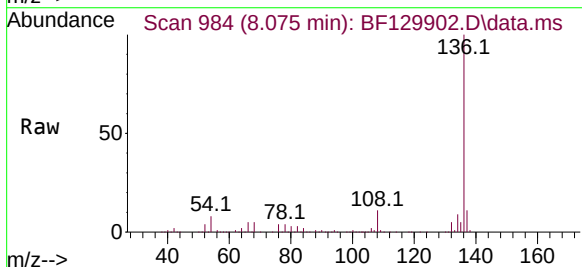
Instrument :
BNA_F
ClientSampleId :
PB146929BL

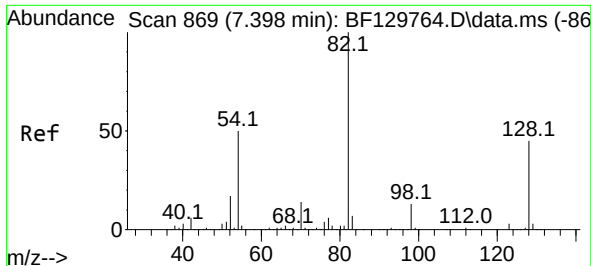
Tgt Ion: 70 Resp: 108111
Ion Ratio Lower Upper
70 100
42 45.7 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

Tgt Ion: 136 Resp: 542907
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.5 6.2 9.2
68 4.9 4.2 6.4

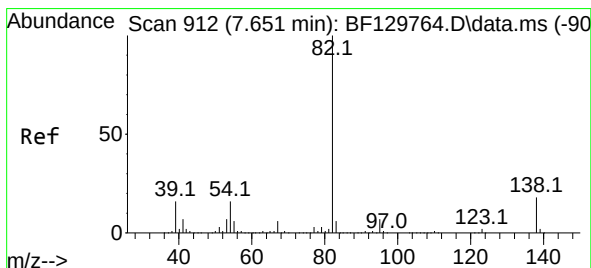
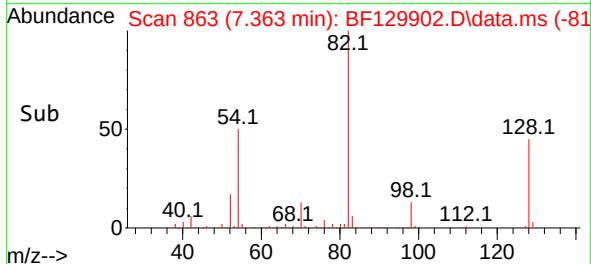
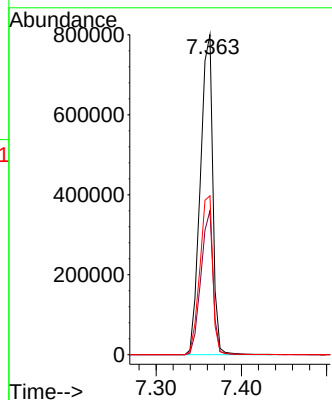
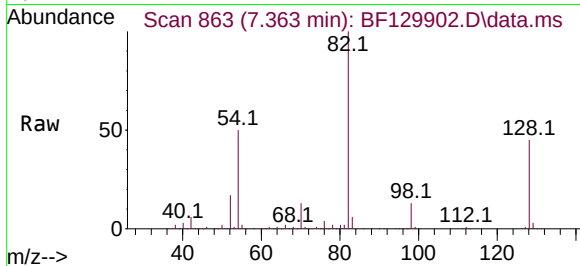




#23
Nitrobenzene-d5
Concen: 80.214 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

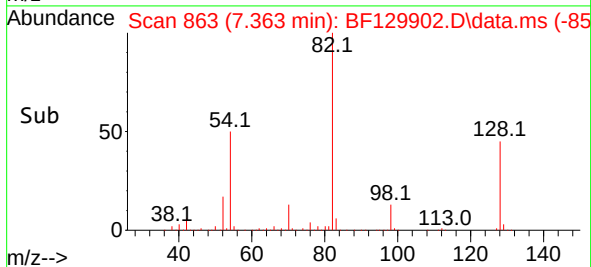
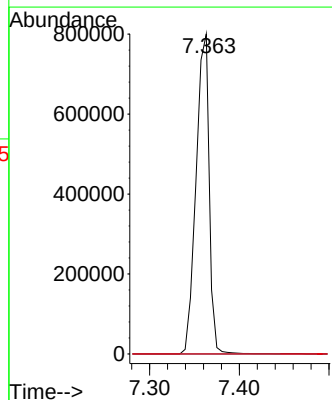
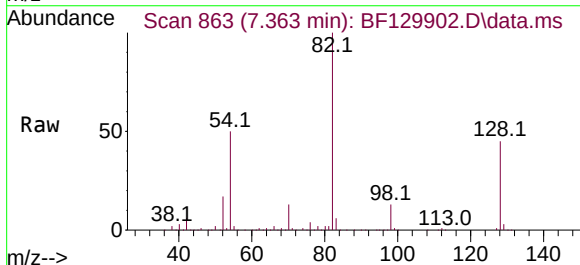
Instrument :
BNA_F
ClientSampleId :
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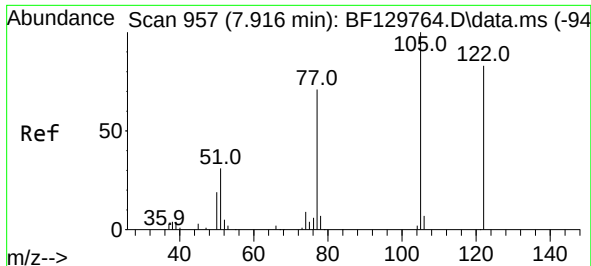
Tgt Ion: 82 Resp: 813510
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 49.7 40.0 60.0



#25
Isophorone
Concen: 46.604 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.259 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

Tgt Ion: 82 Resp: 813498
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#





#32

Benzoic acid

Concen: 2.201 ng

RT: 8.075 min Scan# 91

Delta R.T. 0.188 min

Lab File: BF129902.D

Acq: 19 Aug 2022 09:43

Instrument :

BNA_F

ClientSampleId :

PB146929BL

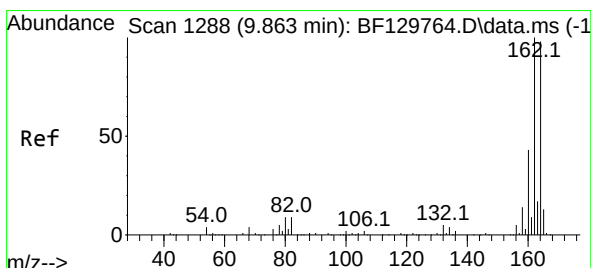
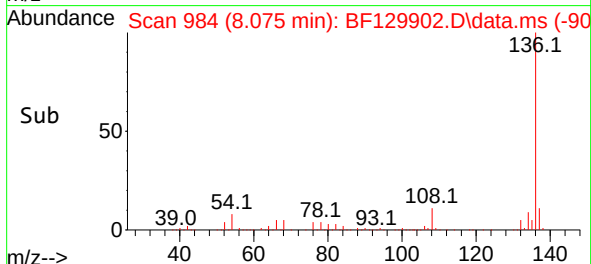
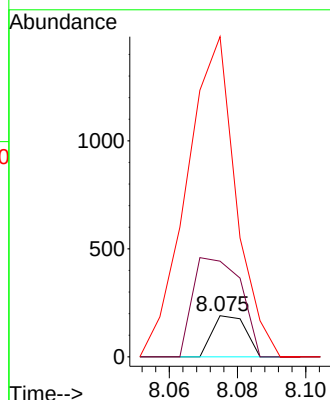
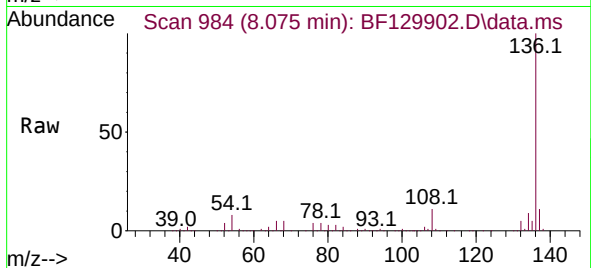
Tgt Ion:122 Resp: 129

Ion Ratio Lower Upper

122 100

105 233.2 99.9 139.9#

77 780.0 65.9 105.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF129902.D

Acq: 19 Aug 2022 09:43

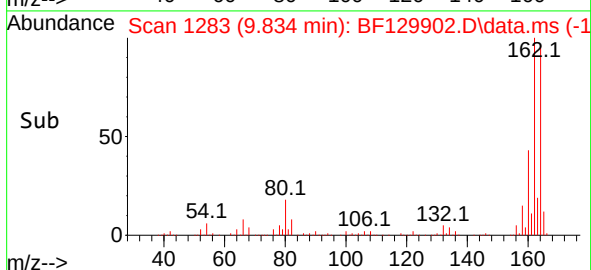
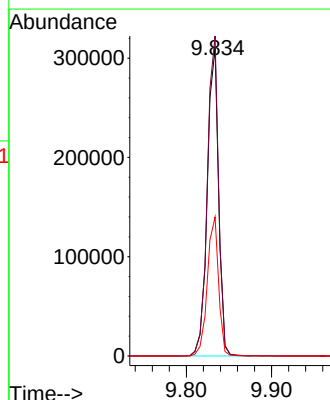
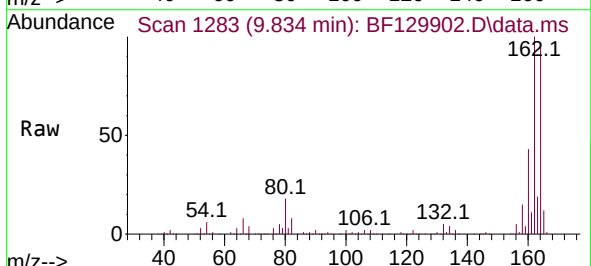
Tgt Ion:164 Resp: 285163

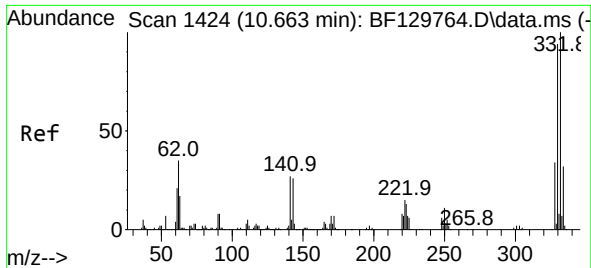
Ion Ratio Lower Upper

164 100

162 103.9 82.0 123.0

160 45.1 35.4 53.0

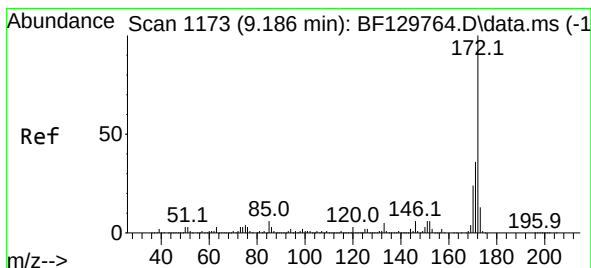
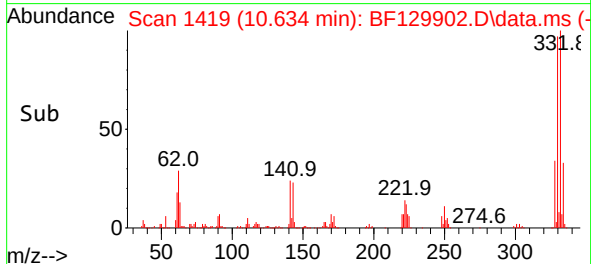
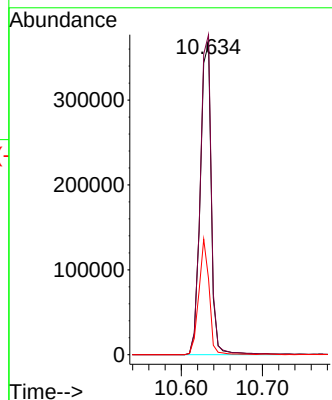
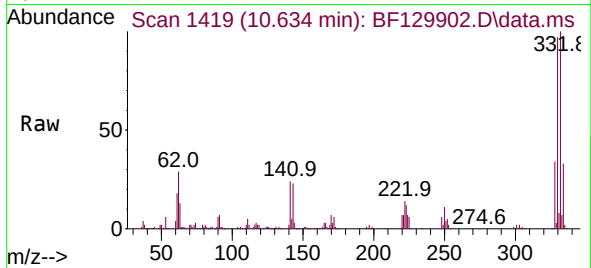




#42
2,4,6-Tribromophenol
Concen: 121.246 ng
RT: 10.634 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

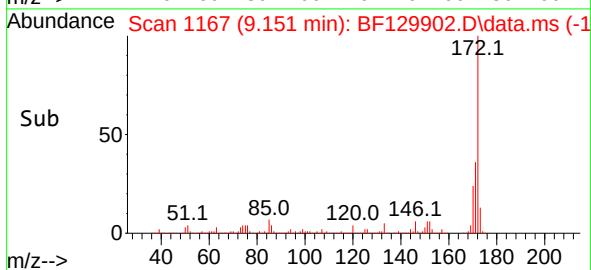
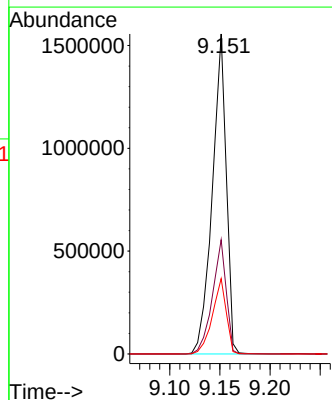
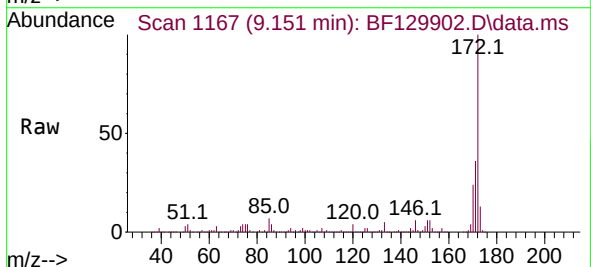
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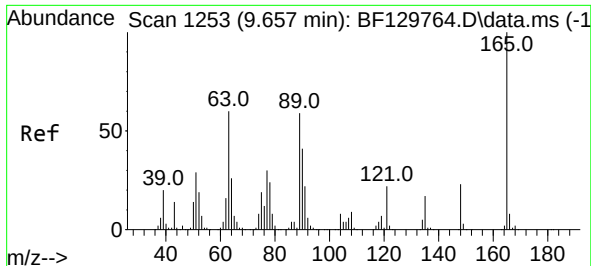
Tgt Ion:330 Resp: 347010
Ion Ratio Lower Upper
330 100
332 103.4 82.6 124.0
141 34.8 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 80.602 ng
RT: 9.151 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

Tgt Ion:172 Resp: 1513346
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.6 19.1 28.7

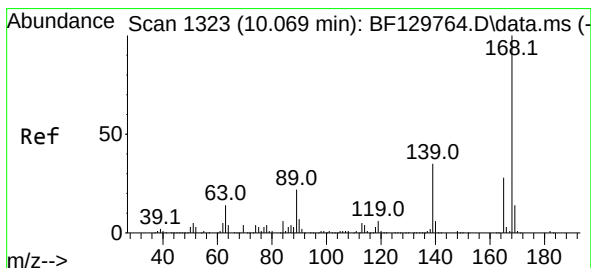
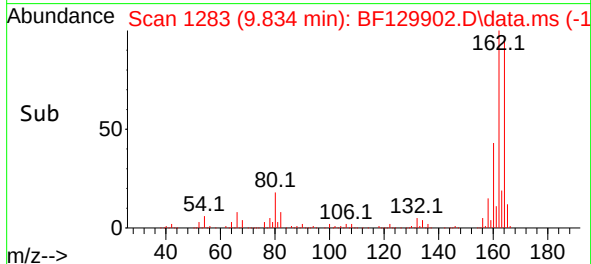
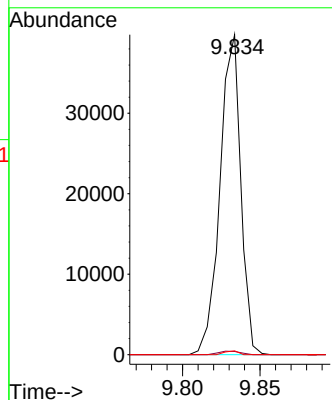
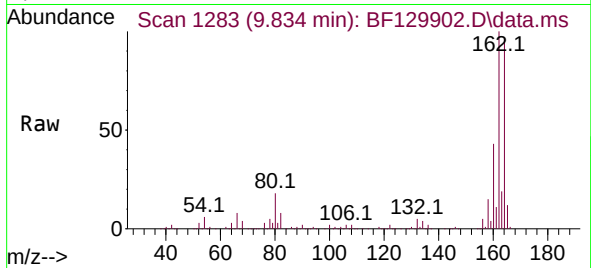




#51
2,6-Dinitrotoluene
Concen: 8.352 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

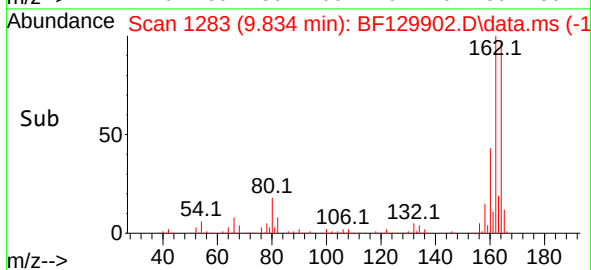
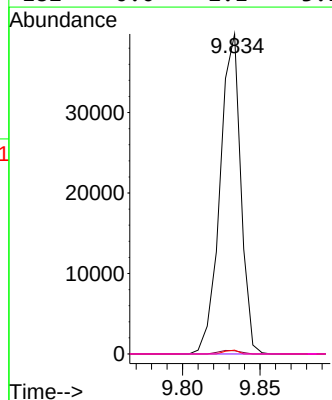
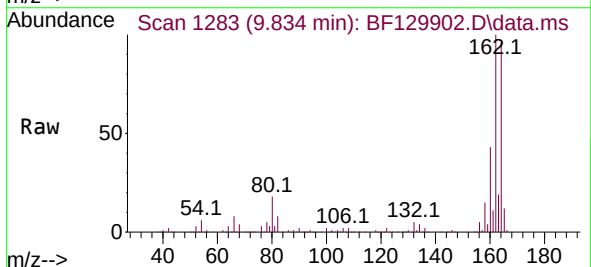
Instrument :
BNA_F
ClientSampleId :
PB146929BL

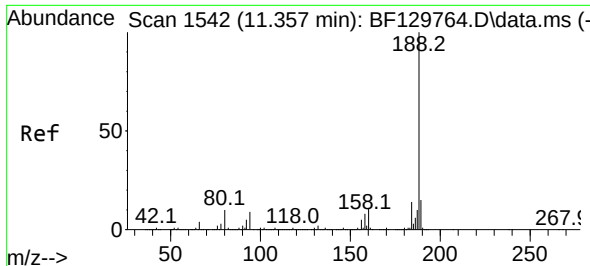
Tgt Ion:165 Resp: 37035
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.2 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.434 ng
RT: 9.834 min Scan# 1283
Delta R.T. -0.206 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

Tgt Ion:165 Resp: 37035
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.2 62.3 93.5#
182 0.0 2.1 3.1#

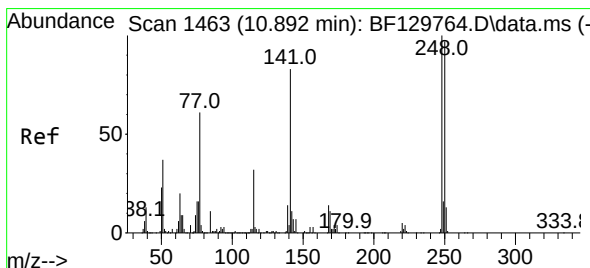
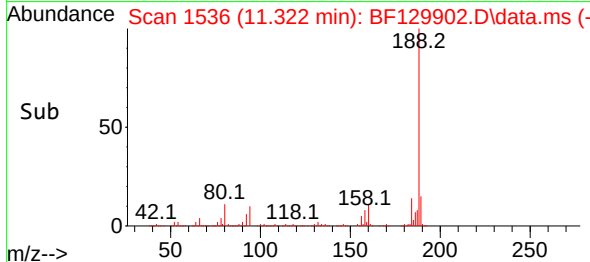
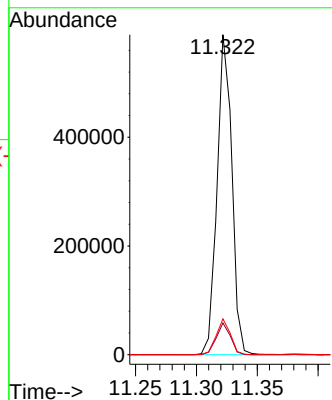
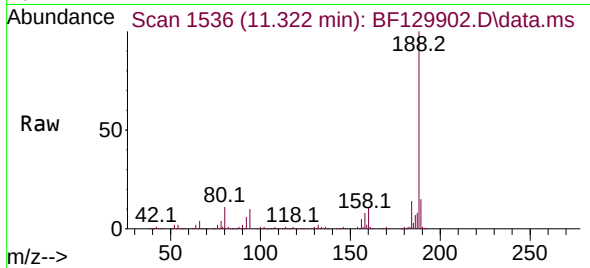




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

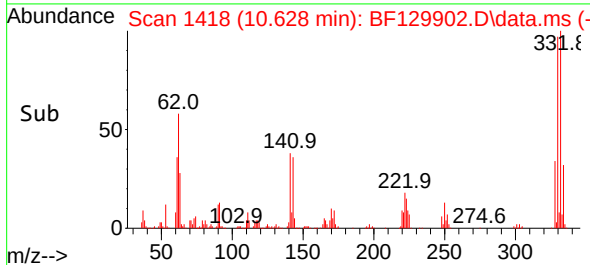
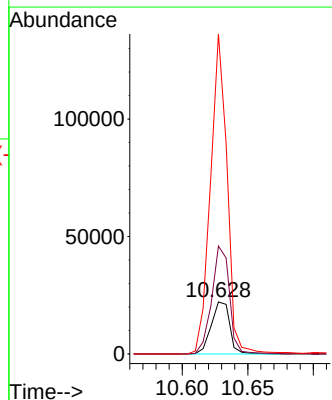
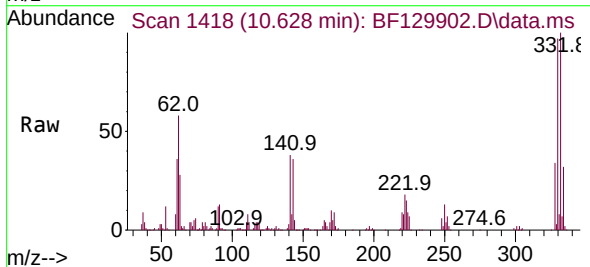
Instrument :
BNA_F
ClientSampleId :
PB146929BL

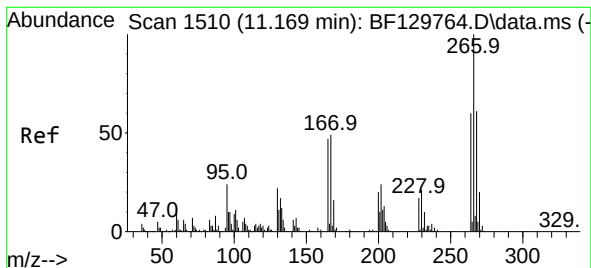
Tgt Ion:188 Resp: 498421
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 11.2 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.713 ng
RT: 10.628 min Scan# 1418
Delta R.T. -0.235 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

Tgt Ion:248 Resp: 21675
Ion Ratio Lower Upper
248 100
250 207.3 77.8 116.6#
141 614.8 66.2 99.2#





#70

Pentachlorophenol

Concen: 5.214 ng

RT: 11.357 min Scan# 1

Delta R.T. 0.218 min

Lab File: BF129902.D

Acq: 19 Aug 2022 09:43

Instrument :

BNA_F

ClientSampleId :

PB146929BL

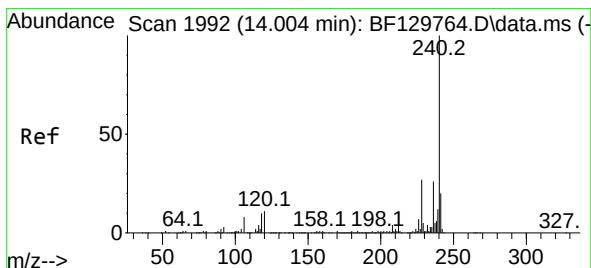
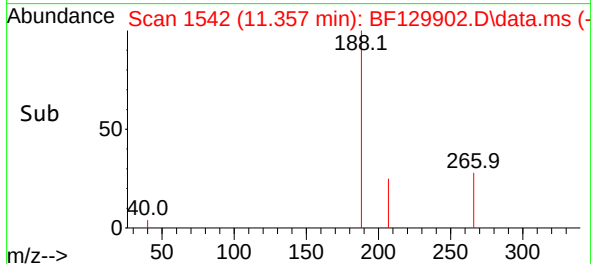
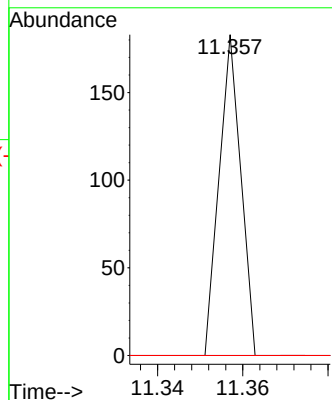
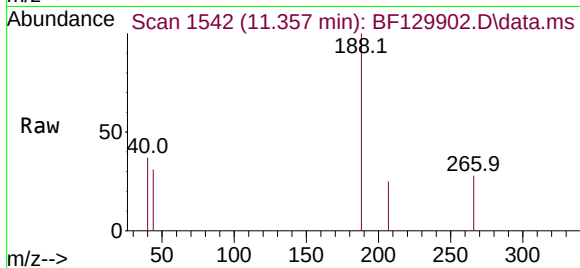
Tgt Ion:266 Resp: 65

Ion Ratio Lower Upper

266 100

268 0.0 49.0 73.4#

264 0.0 47.9 71.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 1987

Delta R.T. 0.000 min

Lab File: BF129902.D

Acq: 19 Aug 2022 09:43

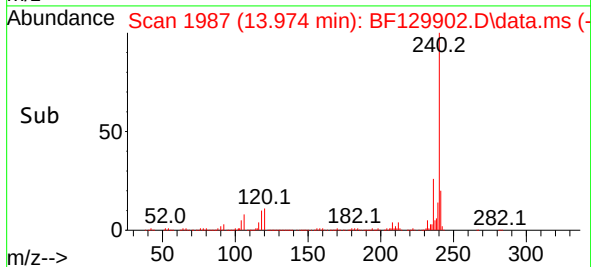
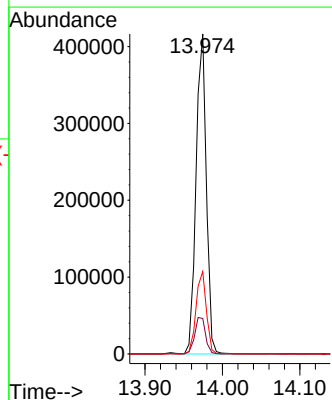
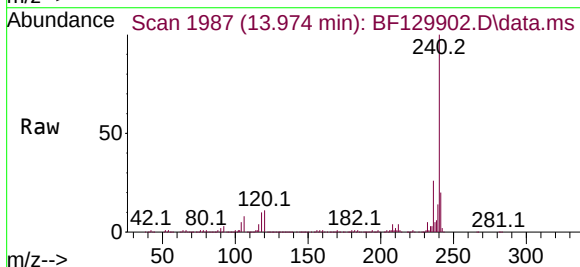
Tgt Ion:240 Resp: 383943

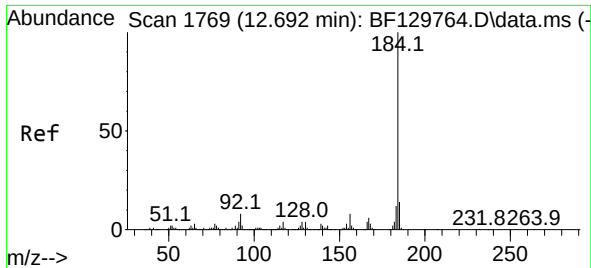
Ion Ratio Lower Upper

240 100

120 11.1 9.2 13.8

236 25.7 20.7 31.1

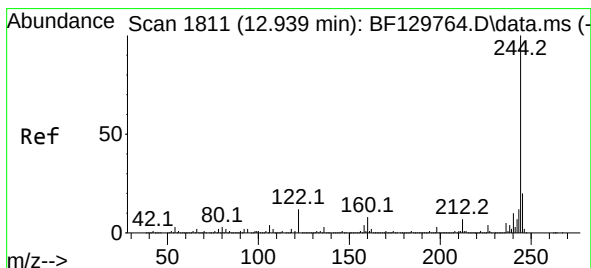
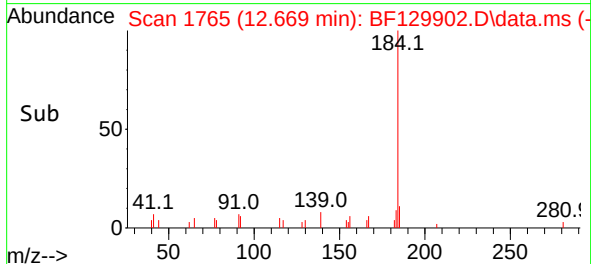
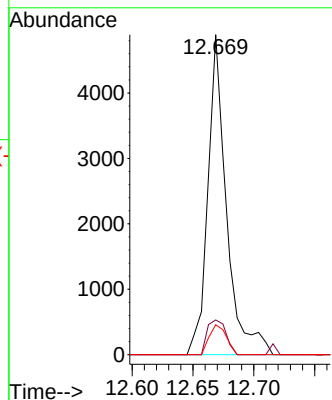
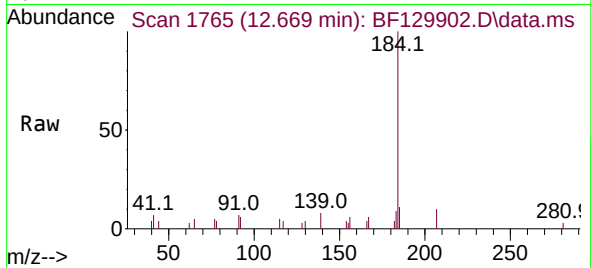




#77
Benzidine
Concen: Below Cal
RT: 12.669 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

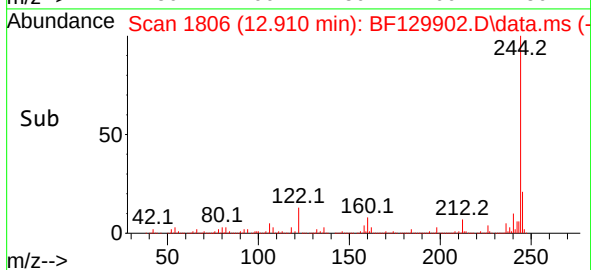
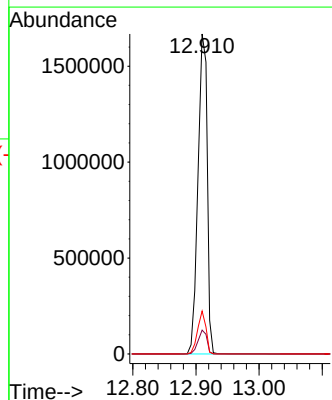
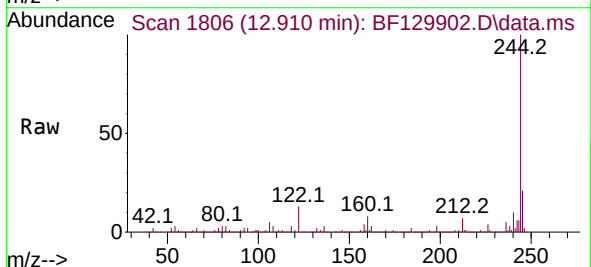
Instrument :
BNA_F
ClientSampleId :
PB146929BL

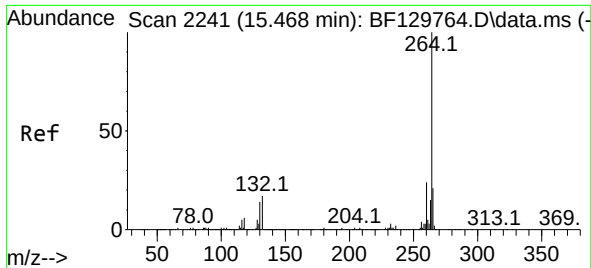
Tgt Ion:184 Resp: 5220
Ion Ratio Lower Upper
184 100
185 10.8 11.4 17.2#
183 9.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 73.084 ng
RT: 12.910 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF129902.D
Acq: 19 Aug 2022 09:43

Tgt Ion:244 Resp: 1686369
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 13.4 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: BF129902.D
Acq: 19 Aug 2022 09:43

Instrument :
BNA_F
ClientSampleId :
PB146929BL

Tgt Ion:264 Resp: 297838

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.2	16.7	25.1

