

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129869.D
 Acq On : 18 Aug 2022 11:22
 Operator : CG\JU
 Sample : PB146986BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146986BL

Quant Time: Aug 18 13:36:17 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)

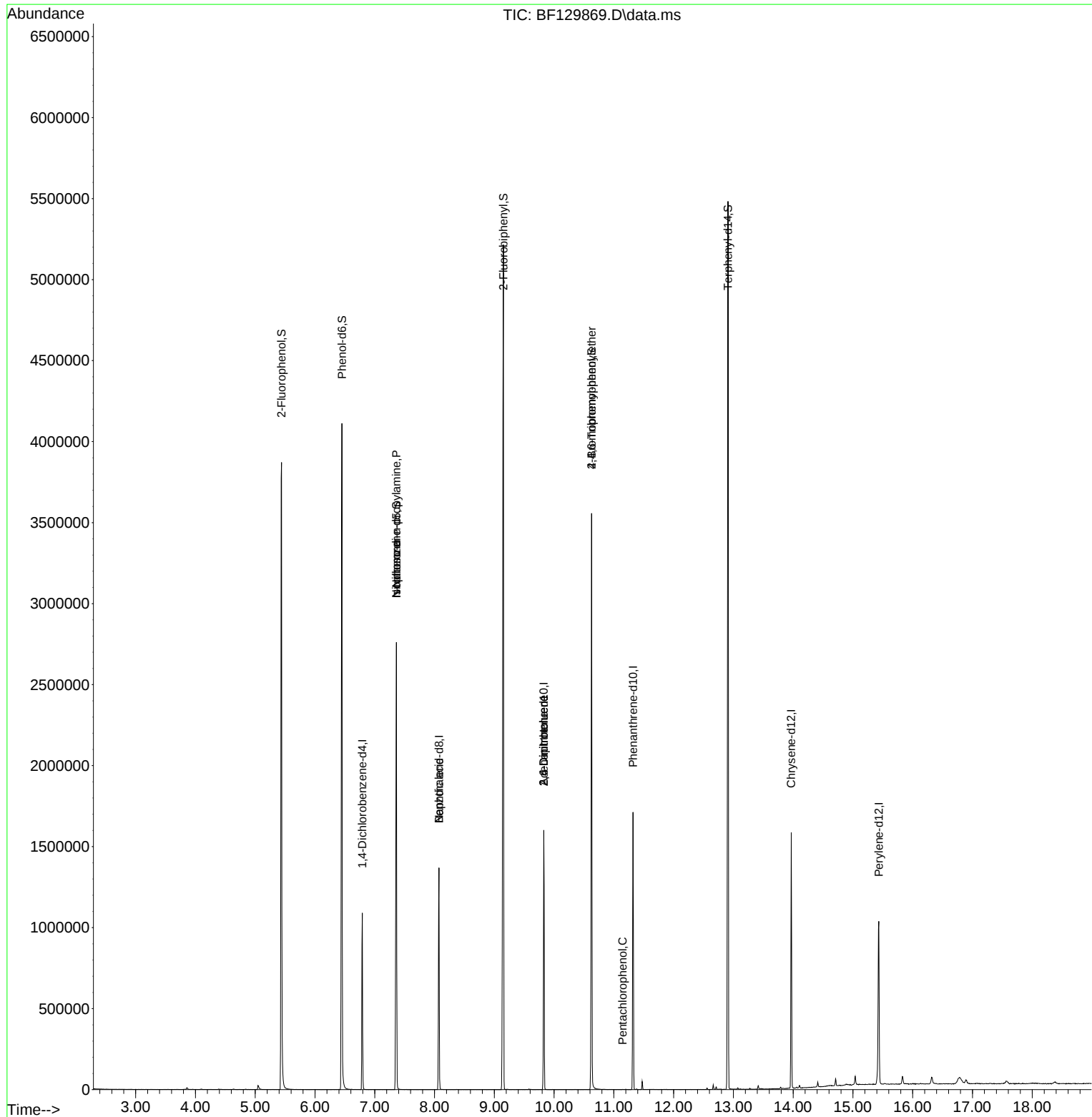
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	155273	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	618070	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	324429	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	574627	20.000	ng	0.00
76) Chrysene-d12	13.969	240	480635	20.000	ng	0.00
86) Perylene-d12	15.433	264	447800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1167311	124.472	ng	0.01
7) Phenol-d6	6.451	99	1439091	122.539	ng	0.00
23) Nitrobenzene-d5	7.363	82	918940	79.591	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	403173	123.820	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1706114	79.871	ng	0.00
79) Terphenyl-d14	12.910	244	2000516	69.257	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.451	77	2212	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.363	70	122057	16.443	ng	# 76
25) Isophorone	7.363	82	918930	46.242	ng	# 65
32) Benzoic acid	8.075	122	104	2.186	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	41555	8.237	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	41555	6.345	ng	# 18
67) 4-Bromophenyl-phenylether	10.628	248	25381	3.771	ng	# 1
70) Pentachlorophenol	11.145	266	219	5.275	ng	# 42
77) Benzidine	12.663	184	11305	Below Cal	#	95

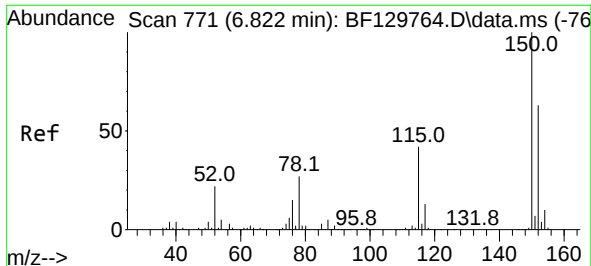
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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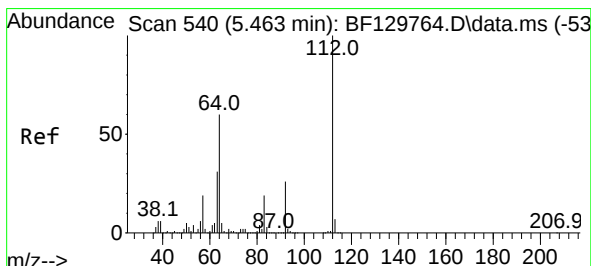
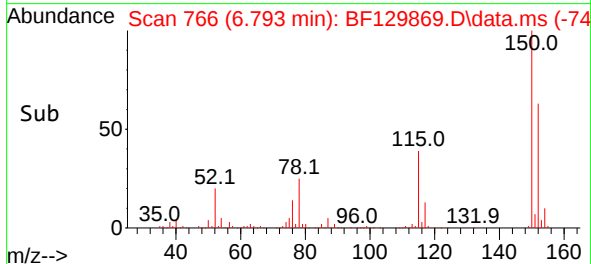
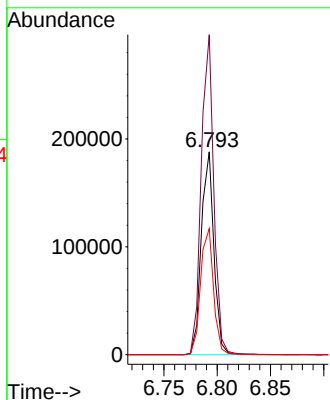
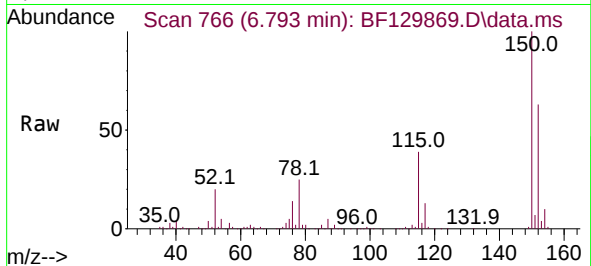




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 70
Delta R.T. 0.001 min
Lab File: BF129869.D
Acq: 18 Aug 2022 11:22

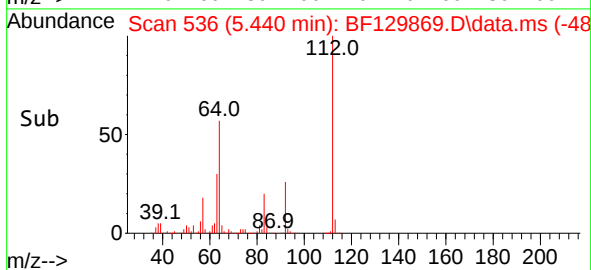
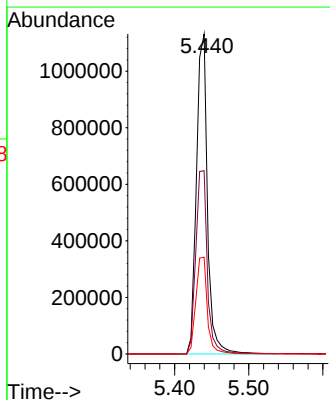
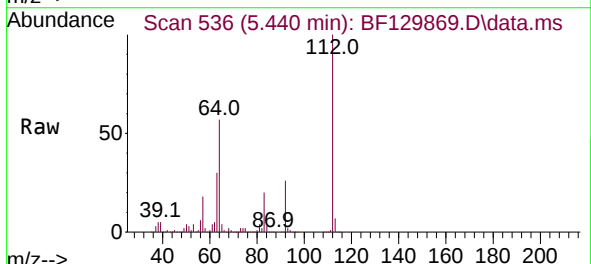
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ClientSampleId :
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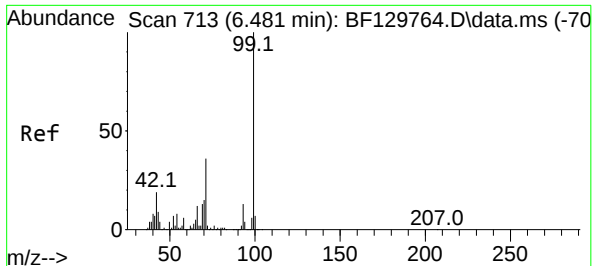
Tgt Ion:152 Resp: 155273
Ion Ratio Lower Upper
152 100
150 157.8 126.9 190.3
115 62.1 53.4 80.0



#5
2-Fluorophenol
Concen: 124.472 ng
RT: 5.440 min Scan# 536
Delta R.T. 0.012 min
Lab File: BF129869.D
Acq: 18 Aug 2022 11:22

Tgt Ion:112 Resp: 1167311
Ion Ratio Lower Upper
112 100
64 57.3 47.6 71.4
63 30.2 24.6 37.0

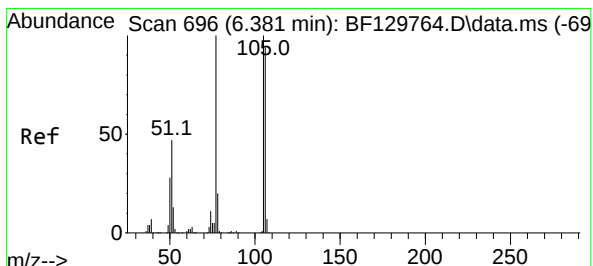
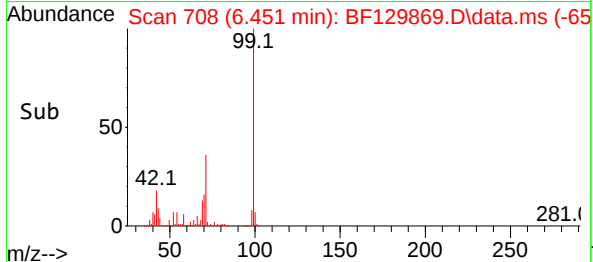
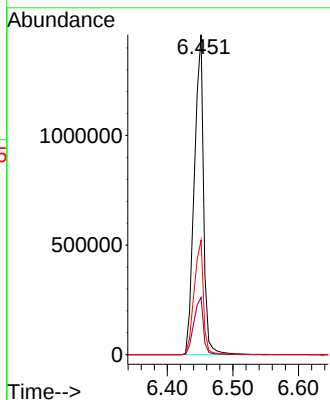
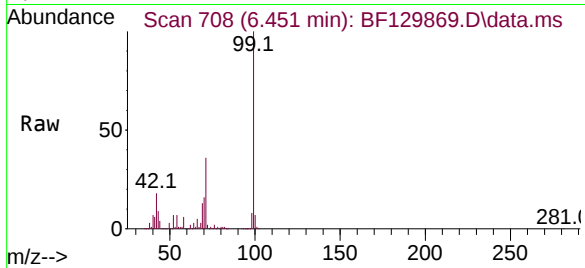




#7
Phenol-d6
Concen: 122.539 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129869.D
Acq: 18 Aug 2022 11:22

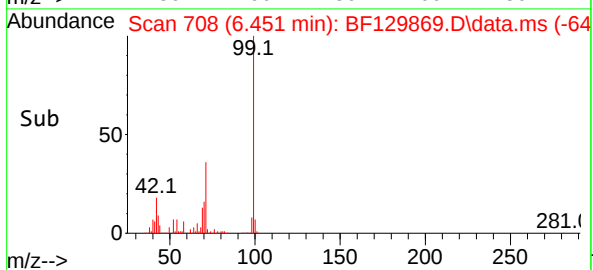
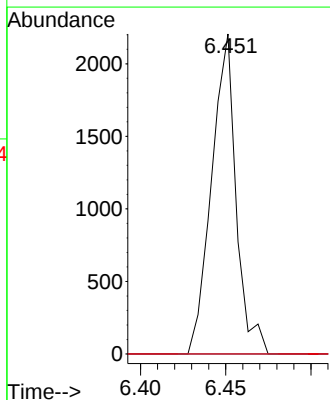
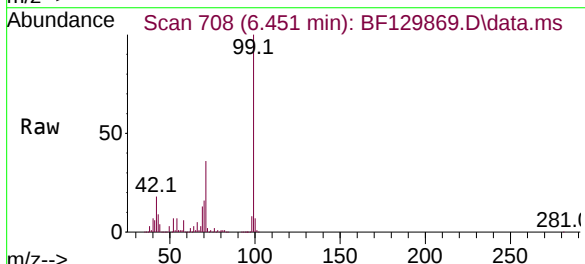
Instrument :
BNA_F
ClientSampleId :
PB146986BL

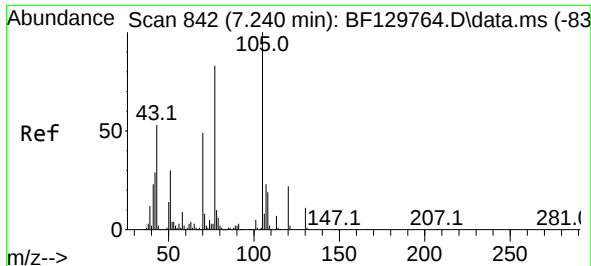
Tgt Ion: 99 Resp: 1439091
Ion Ratio Lower Upper
99 100
42 17.9 15.0 22.4
71 35.8 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.451 min Scan# 708
Delta R.T. 0.100 min
Lab File: BF129869.D
Acq: 18 Aug 2022 11:22

Tgt Ion: 77 Resp: 2212
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

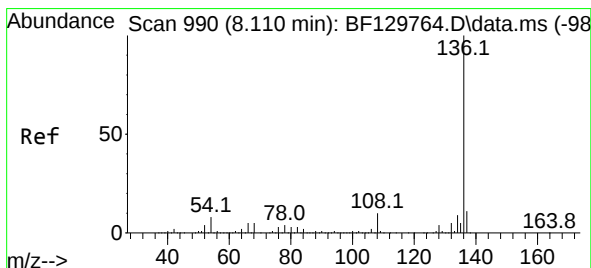
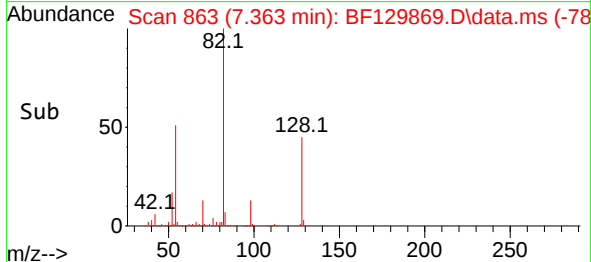
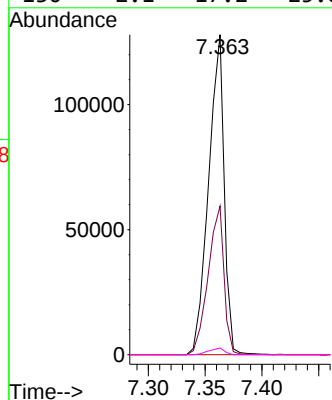
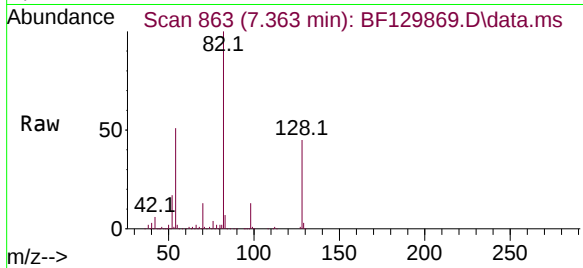




#19
n-Nitroso-di-n-propylamine
Concen: 16.443 ng
RT: 7.363 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129869.D
Acq: 18 Aug 2022 11:22

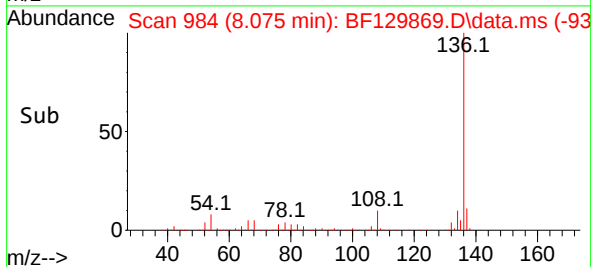
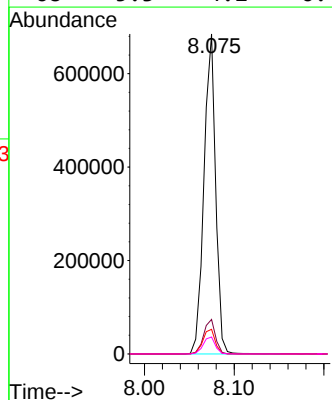
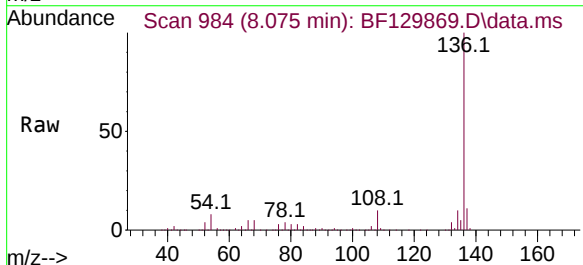
Instrument :
BNA_F
ClientSampleId :
PB146986BL

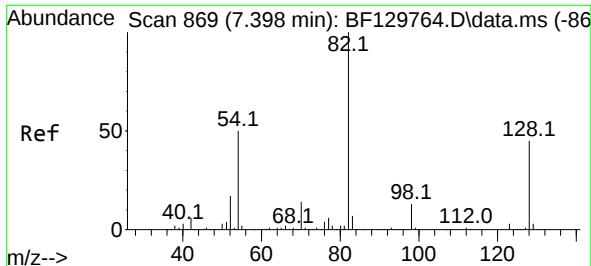
Tgt Ion: 70 Resp: 122057
Ion Ratio Lower Upper
70 100
42 46.4 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129869.D
Acq: 18 Aug 2022 11:22

Tgt Ion:136 Resp: 618070
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.7 6.2 9.2
68 5.3 4.2 6.4

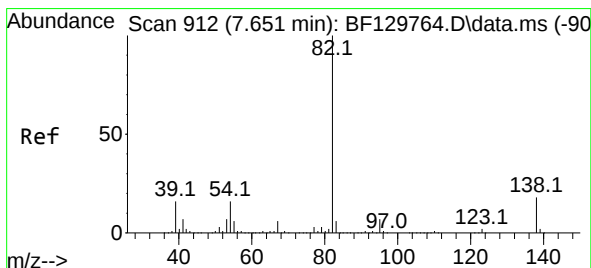
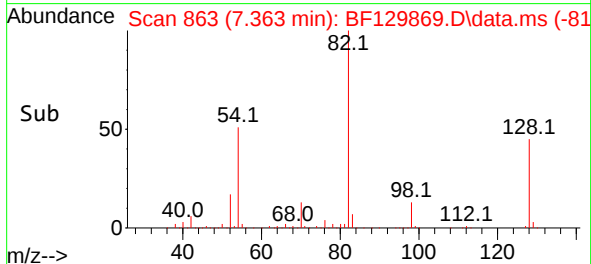
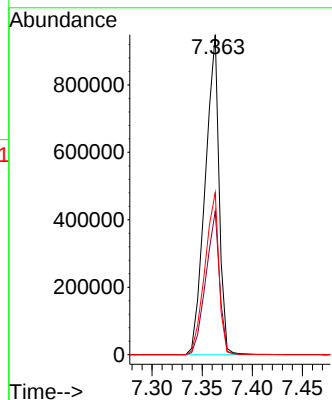
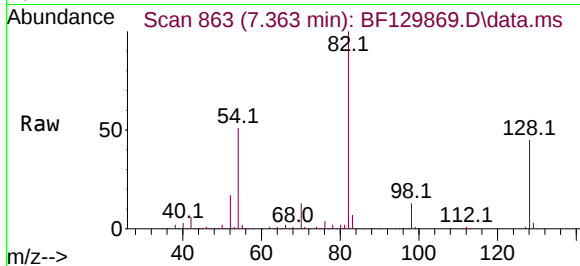




#23
Nitrobenzene-d5
Concen: 79.591 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF129869.D
Acq: 18 Aug 2022 11:22

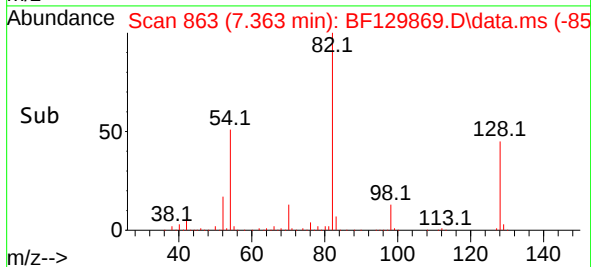
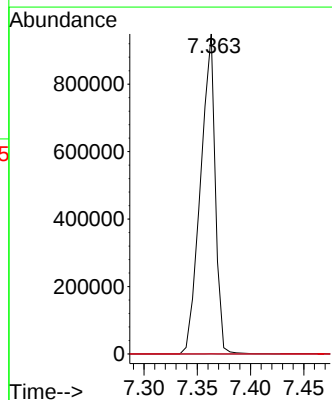
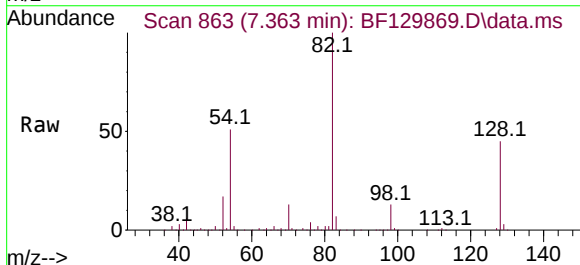
Instrument :
BNA_F
ClientSampleId :
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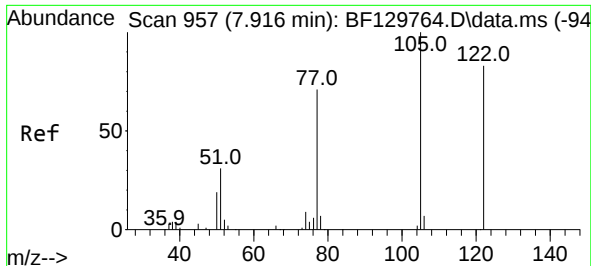
Tgt Ion: 82 Resp: 918940
Ion Ratio Lower Upper
82 100
128 44.8 36.1 54.1
54 50.7 40.0 60.0



#25
Isophorone
Concen: 46.242 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.259 min
Lab File: BF129869.D
Acq: 18 Aug 2022 11:22

Tgt Ion: 82 Resp: 918930
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

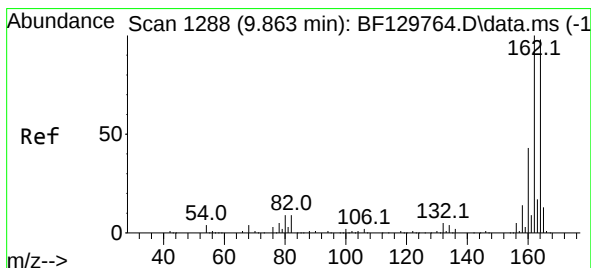
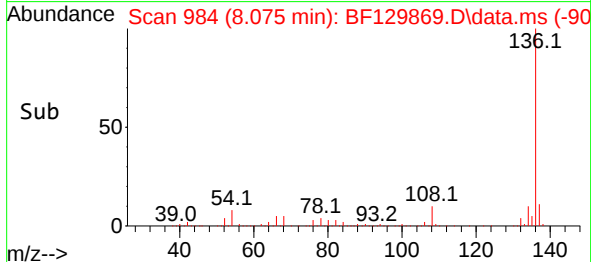
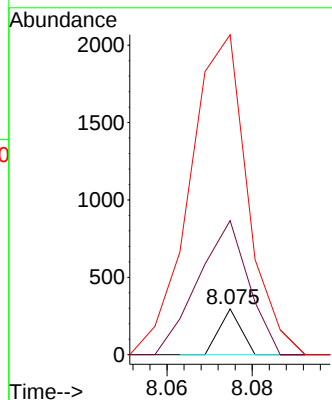
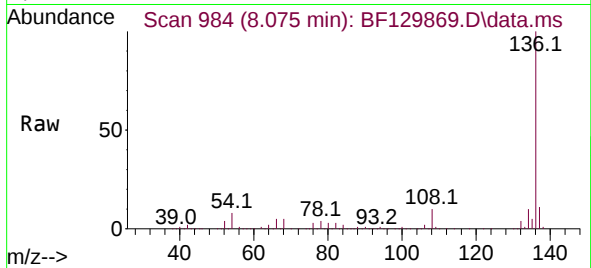




#32
Benzoic acid
Concen: 2.186 ng
RT: 8.075 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129869.D
Acq: 18 Aug 2022 11:22

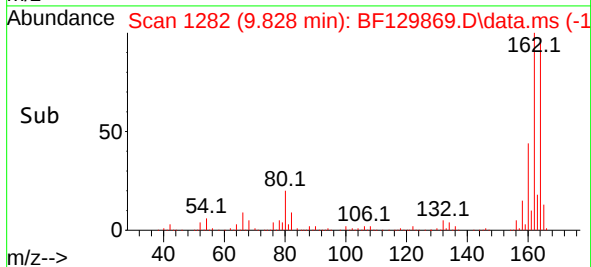
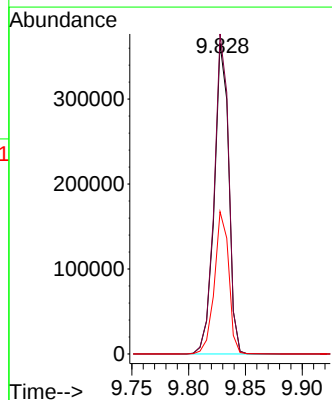
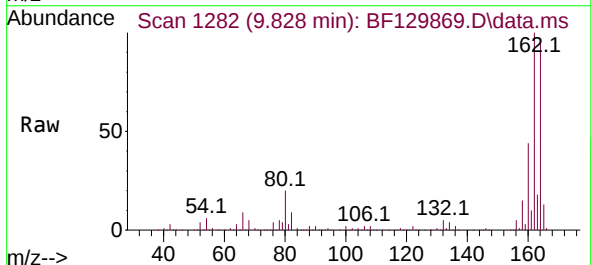
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ClientSampleId :
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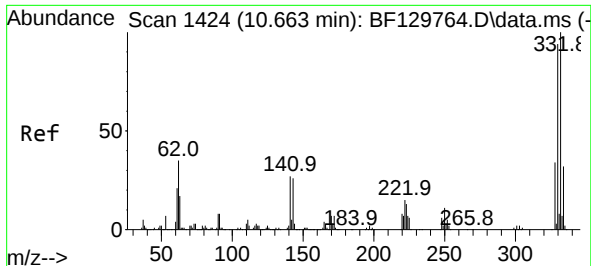
Tgt Ion:	122	Resp:	104
Ion	Ratio	Lower	Upper
122	100		
105	292.9	99.9	139.9#
77	698.6	65.9	105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129869.D
Acq: 18 Aug 2022 11:22

Tgt Ion:	164	Resp:	324429
Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.0	123.0
160	45.8	35.4	53.0

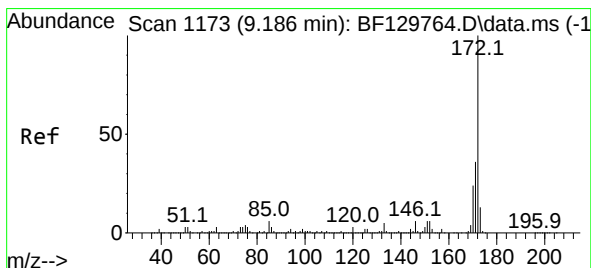
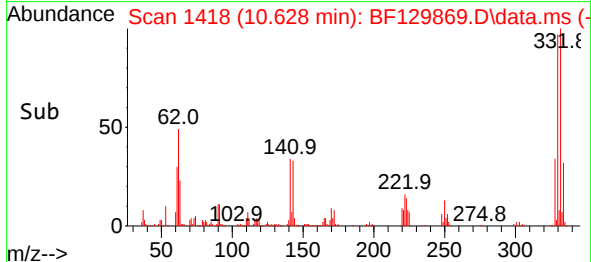
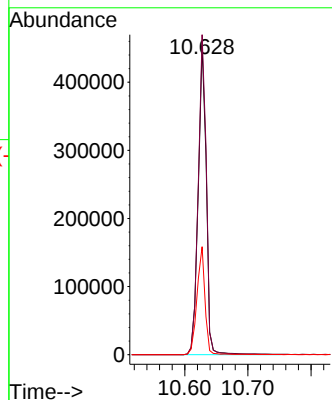
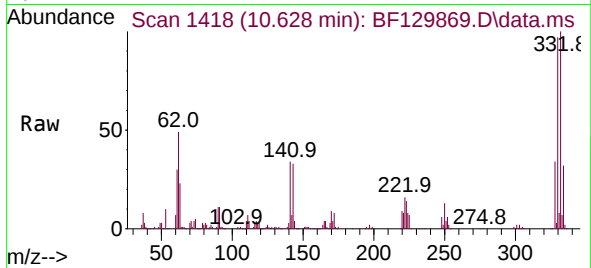




#42
2,4,6-Tribromophenol
Concen: 123.820 ng
RT: 10.628 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129869.D
Acq: 18 Aug 2022 11:22

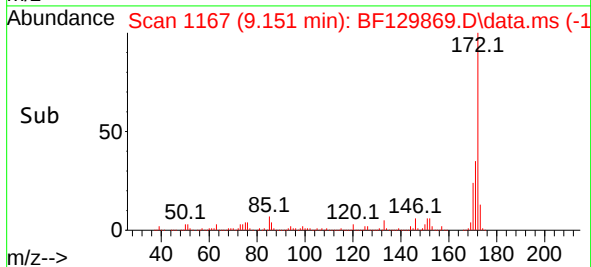
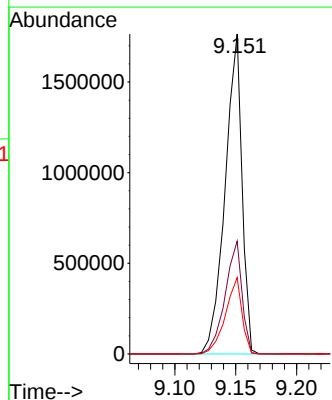
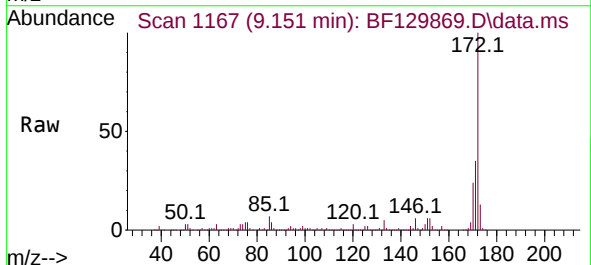
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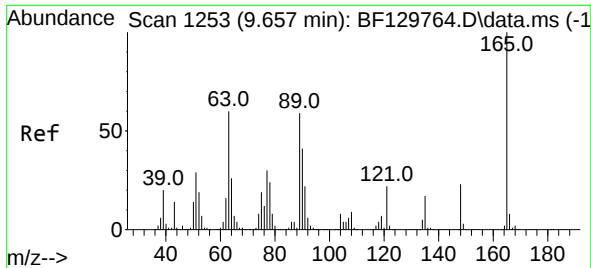
Tgt Ion:330 Resp: 403173
Ion Ratio Lower Upper
330 100
332 103.6 82.6 124.0
141 34.8 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 79.871 ng
RT: 9.151 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF129869.D
Acq: 18 Aug 2022 11:22

Tgt Ion:172 Resp: 1706114
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.9 19.1 28.7

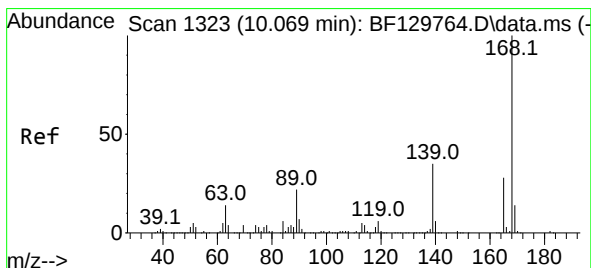
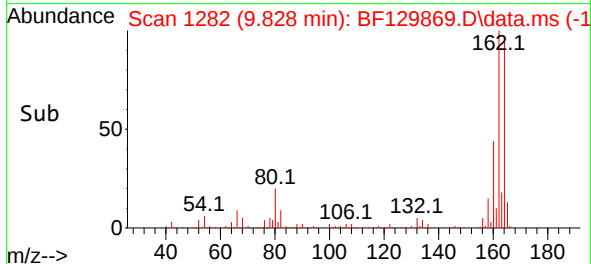
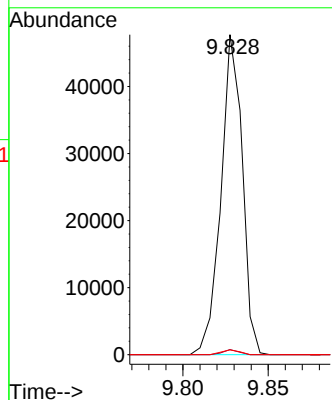
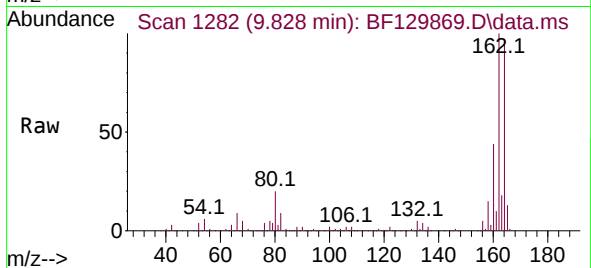




#51
2,6-Dinitrotoluene
Concen: 8.237 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129869.D
Acq: 18 Aug 2022 11:22

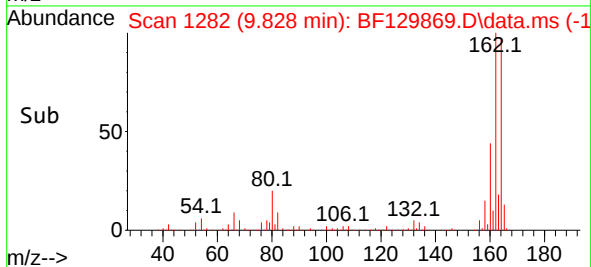
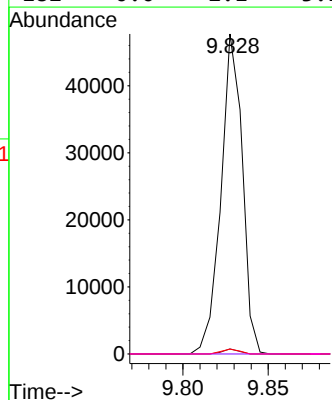
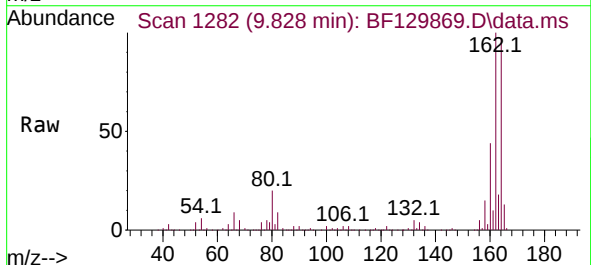
Instrument :
BNA_F
ClientSampleId :
PB146986BL

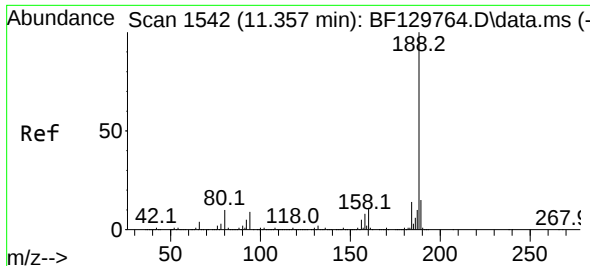
Tgt Ion:165 Resp: 41555
Ion Ratio Lower Upper
165 100
63 1.6 47.8 71.8#
89 1.5 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.345 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.212 min
Lab File: BF129869.D
Acq: 18 Aug 2022 11:22

Tgt Ion:165 Resp: 41555
Ion Ratio Lower Upper
165 100
63 1.6 48.4 72.6#
89 1.5 62.3 93.5#
182 0.0 2.1 3.1#

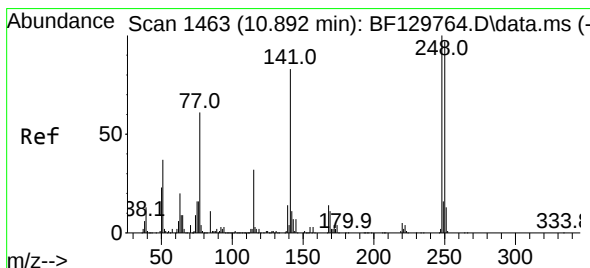
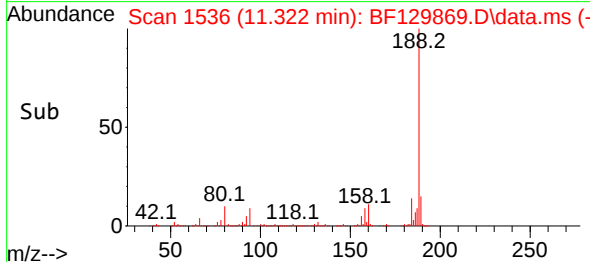
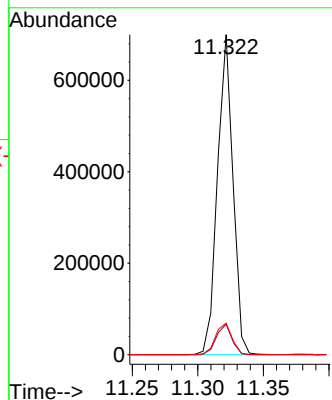
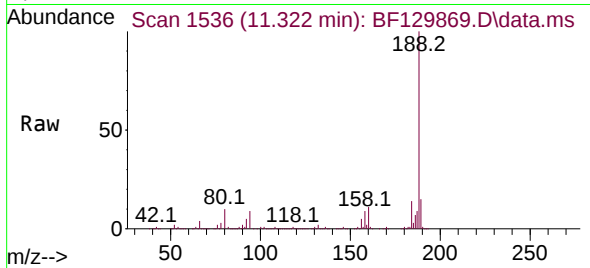




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129869.D
Acq: 18 Aug 2022 11:22

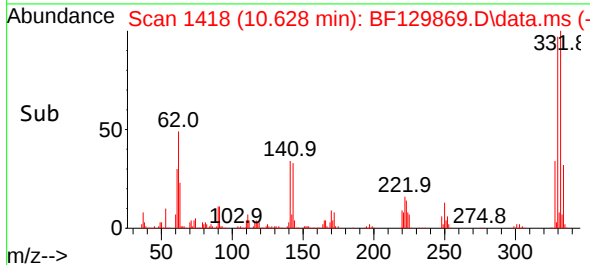
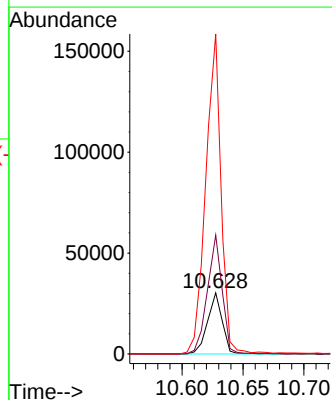
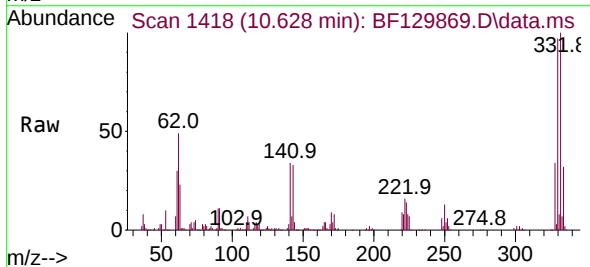
Instrument :
BNA_F
ClientSampleId :
PB146986BL

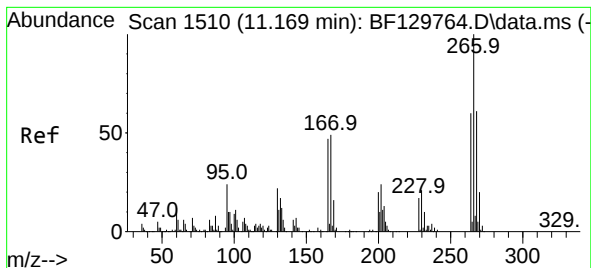
Tgt Ion:188 Resp: 574627
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 9.8 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.771 ng
RT: 10.628 min Scan# 1418
Delta R.T. -0.235 min
Lab File: BF129869.D
Acq: 18 Aug 2022 11:22

Tgt Ion:248 Resp: 25381
Ion Ratio Lower Upper
248 100
250 194.4 77.8 116.6#
141 523.3 66.2 99.2#





#70

Pentachlorophenol

Concen: 5.275 ng

RT: 11.145 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF129869.D

Acq: 18 Aug 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB146986BL

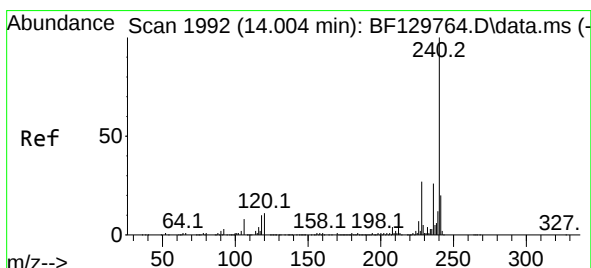
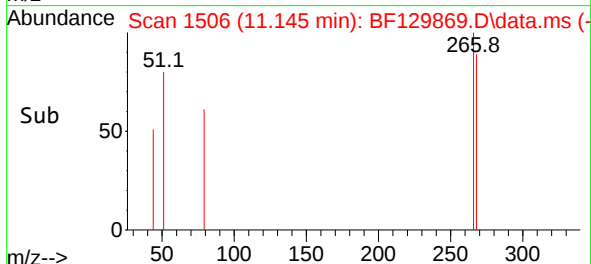
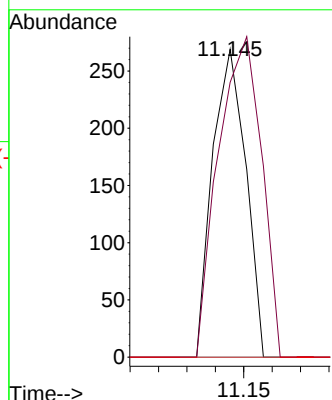
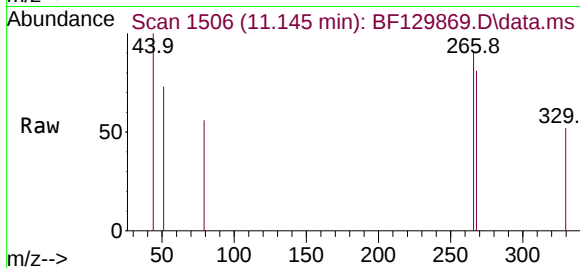
Tgt Ion:266 Resp: 219

Ion Ratio Lower Upper

266 100

268 89.2 49.0 73.4#

264 0.0 47.9 71.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 1986

Delta R.T. -0.006 min

Lab File: BF129869.D

Acq: 18 Aug 2022 11:22

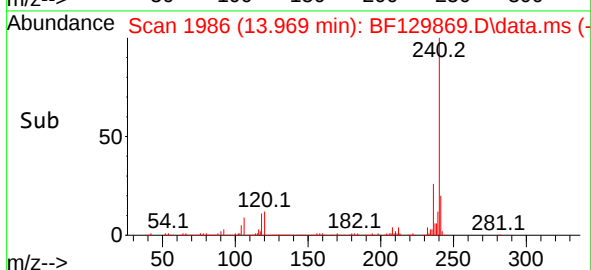
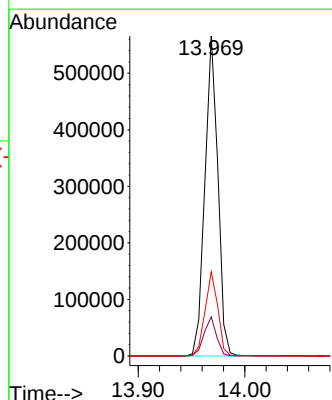
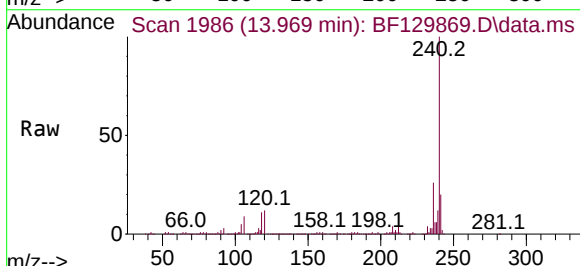
Tgt Ion:240 Resp: 480635

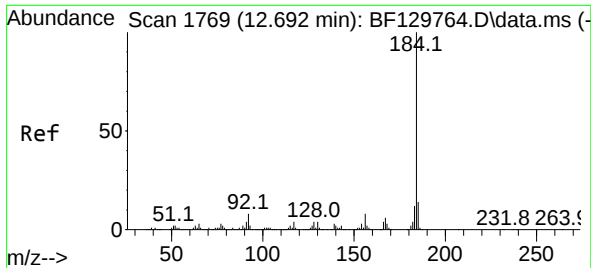
Ion Ratio Lower Upper

240 100

120 12.2 9.2 13.8

236 26.3 20.7 31.1

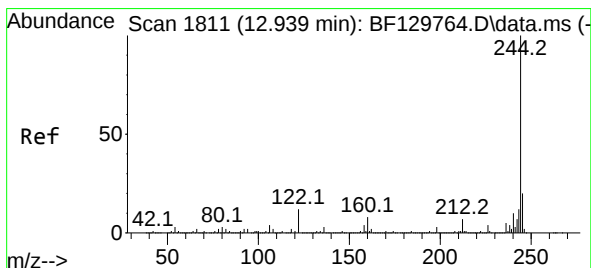
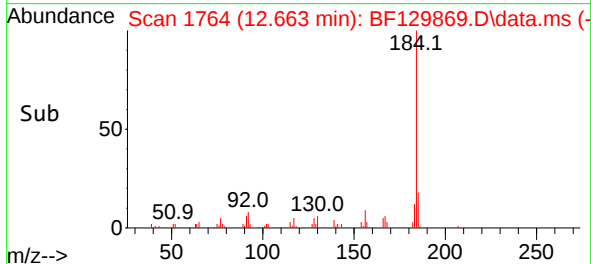
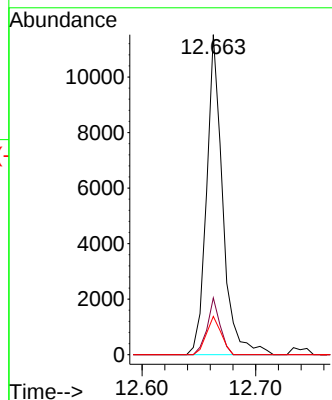
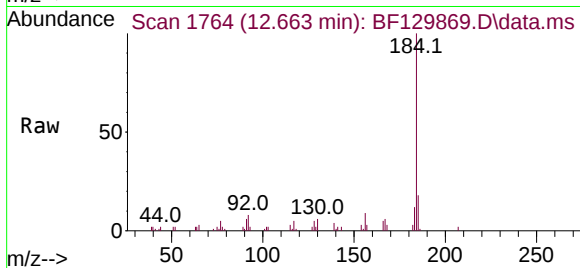




#77
Benzidine
Concen: Below Cal
RT: 12.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129869.D
Acq: 18 Aug 2022 11:22

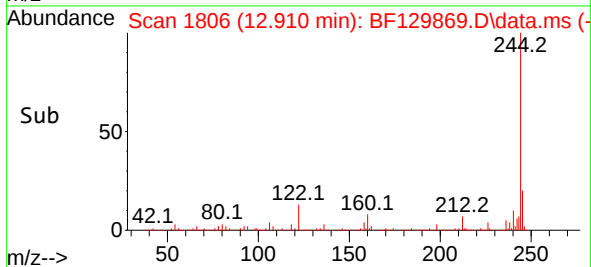
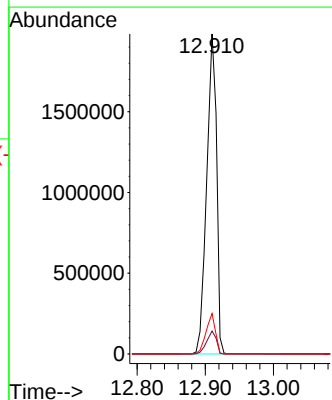
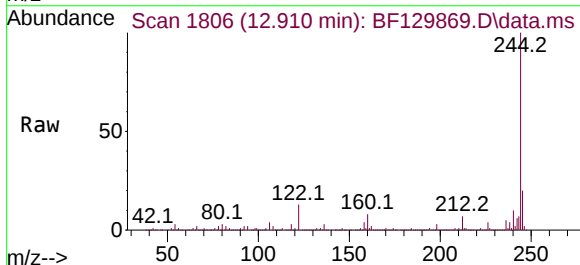
Instrument :
BNA_F
ClientSampleId :
PB146986BL

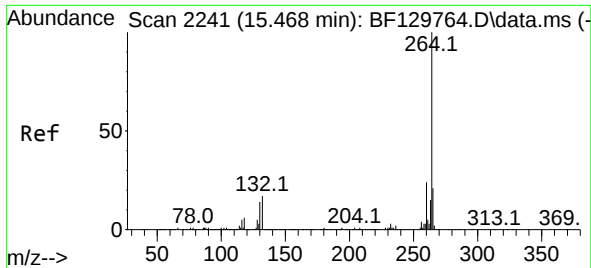
Tgt Ion:184 Resp: 11305
Ion Ratio Lower Upper
184 100
185 17.7 11.4 17.2#
183 12.0 9.4 14.2



#79
Terphenyl-d14
Concen: 69.257 ng
RT: 12.910 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF129869.D
Acq: 18 Aug 2022 11:22

Tgt Ion:244 Resp: 2000516
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.6 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: BF129869.D
 Acq: 18 Aug 2022 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB146986BL

Tgt Ion:264 Resp: 447800
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.8 16.7 25.1

