

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
 Data File : BF129746.D
 Acq On : 12 Aug 2022 16:09
 Operator : CG\JU
 Sample : N4154-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WV-TOTECOMP-2

Quant Time: Aug 13 02:03:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 12 15:52:45 2022
 Response via : Initial Calibration

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

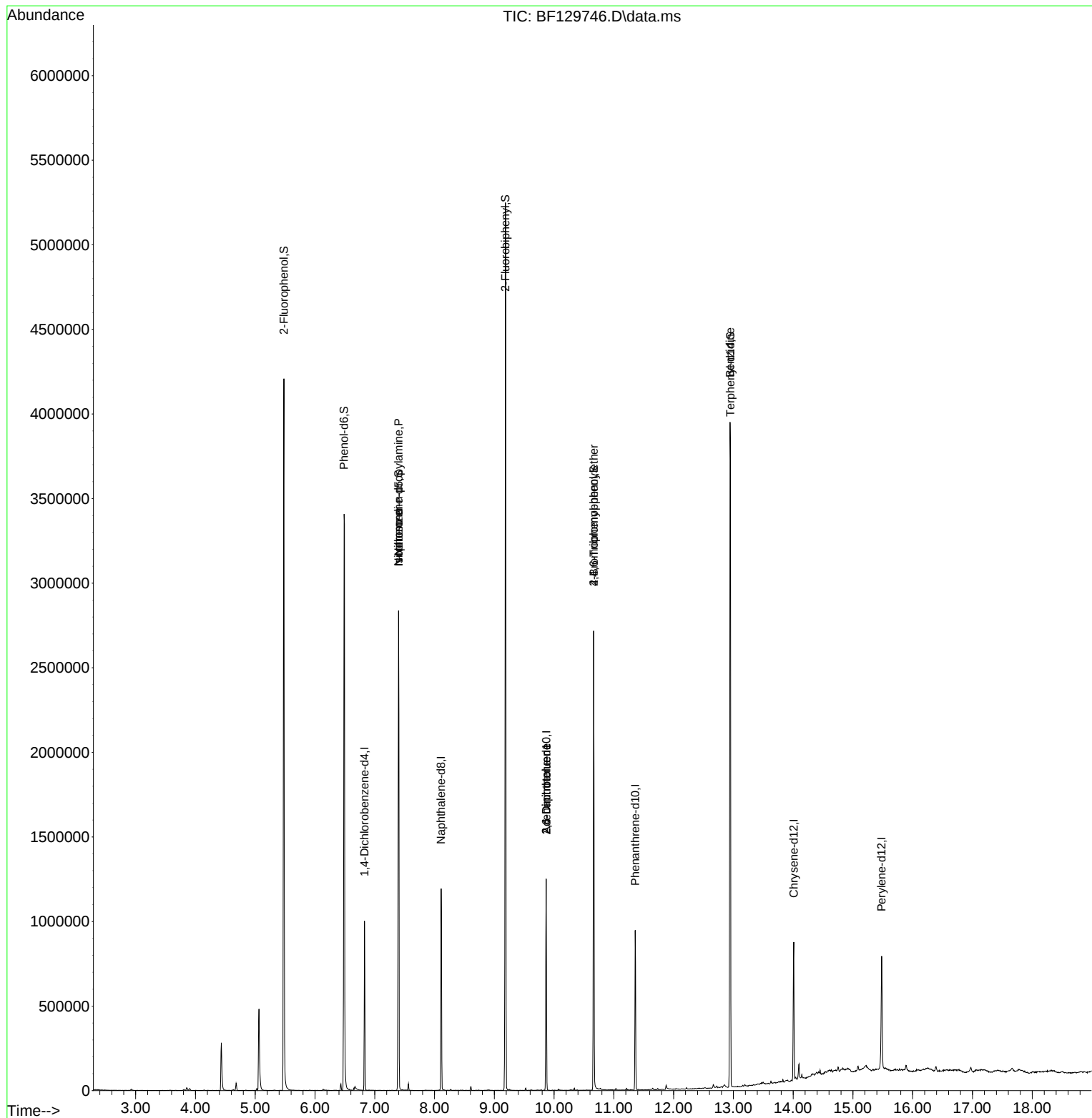
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	132974	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	513576	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	234892	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	327116	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	274648	20.000	ng	0.00
86) Perylene-d12	15.480	264	293057	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1145505	140.330	ng	0.01
7) Phenol-d6	6.487	99	1283956	125.138	ng	0.00
23) Nitrobenzene-d5	7.398	82	986702	104.878	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	307181	136.022	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1681989	110.772	ng	0.00
79) Terphenyl-d14	12.951	244	1403663	96.419	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	134114	21.591	ng	# 72
25) Isophorone	7.398	82	986688	58.508	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	30658	8.447	ng	# 26
57) 2,4-Dinitrotoluene	9.869	165	30658	6.466	ng	# 22
67) 4-Bromophenyl-phenylether	10.663	248	19389	5.413	ng	# 1
77) Benzidine	12.945	184	19853	2.046	ng	# 90

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

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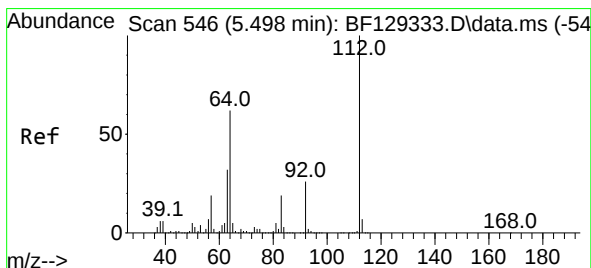
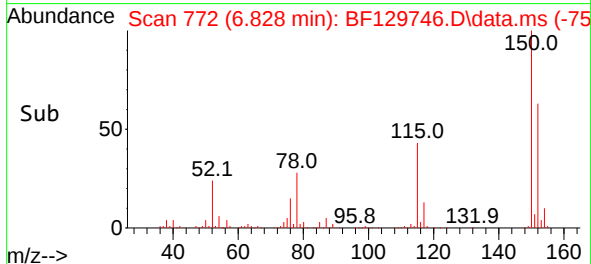
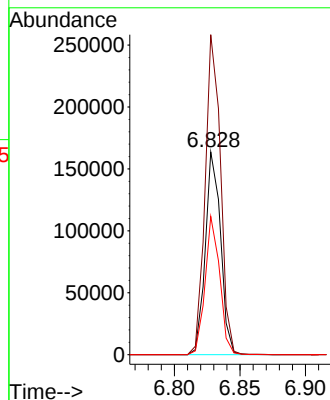
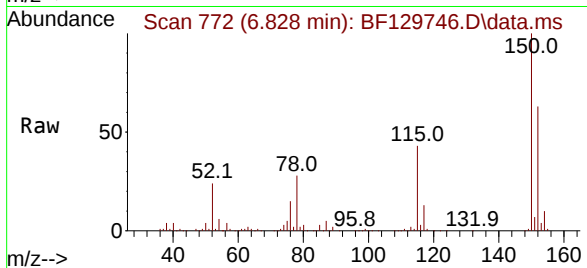




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129746.D
 Acq: 12 Aug 2022 16:09

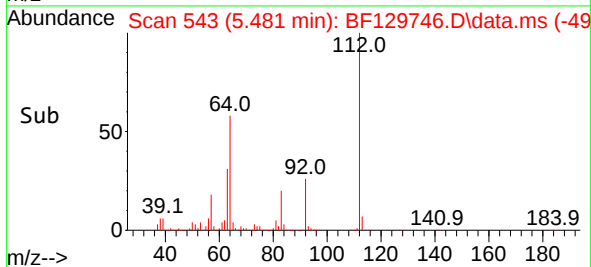
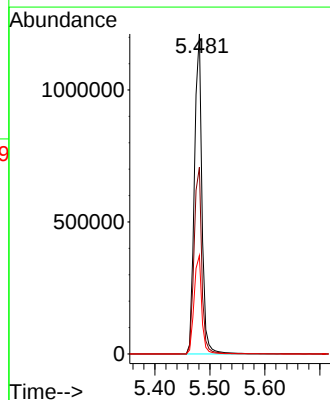
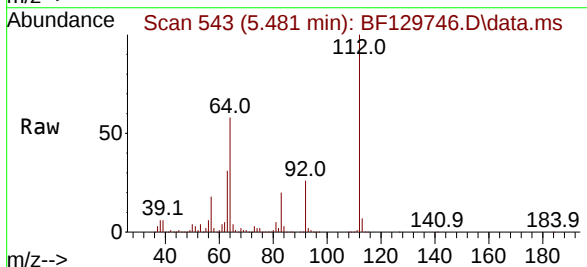
Instrument :
 BNA_F
 ClientSampleId :
 WV-TOTECOMP-2

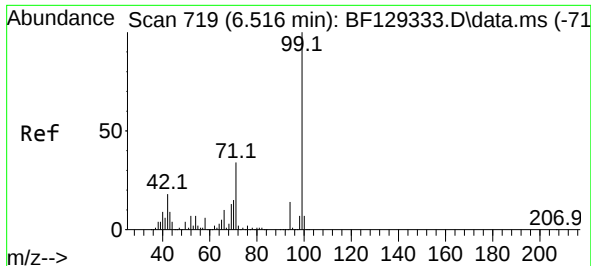
Tgt Ion:152 Resp: 132974
 Ion Ratio Lower Upper
 152 100
 150 157.9 123.7 185.5
 115 68.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 140.330 ng
 RT: 5.481 min Scan# 543
 Delta R.T. 0.012 min
 Lab File: BF129746.D
 Acq: 12 Aug 2022 16:09

Tgt Ion:112 Resp: 1145505
 Ion Ratio Lower Upper
 112 100
 64 58.4 53.3 79.9
 63 30.8 28.0 42.0

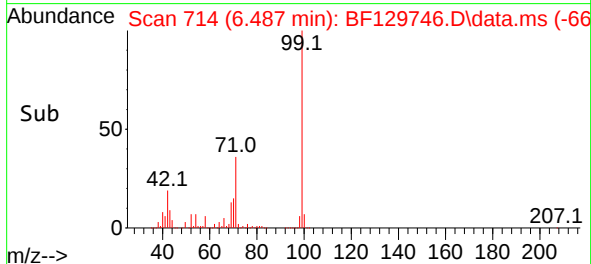
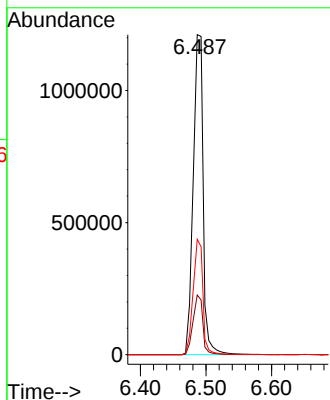
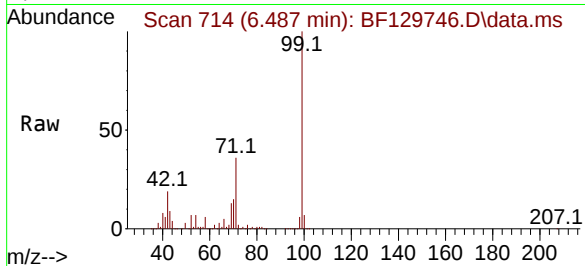




#7
Phenol-d6
Concen: 125.138 ng
RT: 6.487 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF129746.D
Acq: 12 Aug 2022 16:09

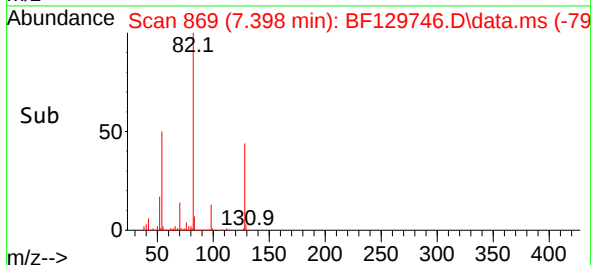
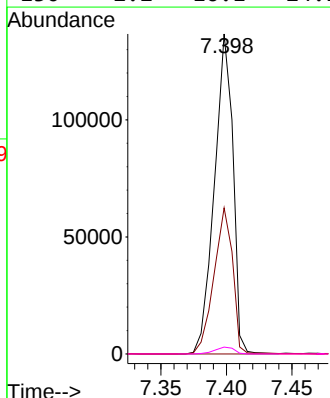
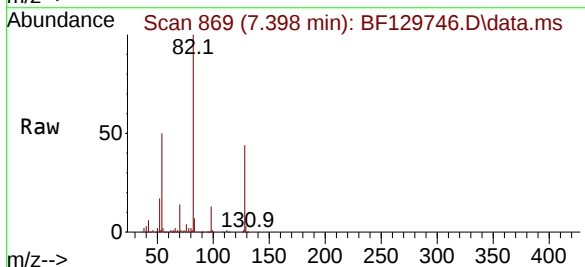
Instrument :
BNA_F
ClientSampleId :
WV-TOTECOMP-2

Tgt Ion: 99 Resp: 1283956
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 36.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.591 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.147 min
Lab File: BF129746.D
Acq: 12 Aug 2022 16:09

Tgt Ion: 70 Resp: 134114
Ion Ratio Lower Upper
70 100
42 45.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



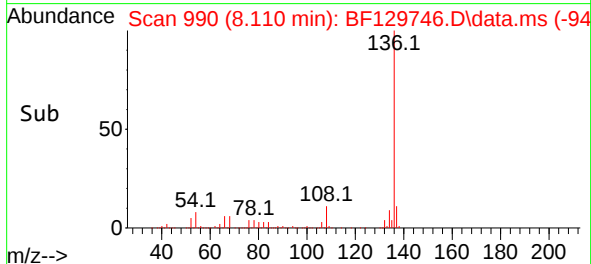
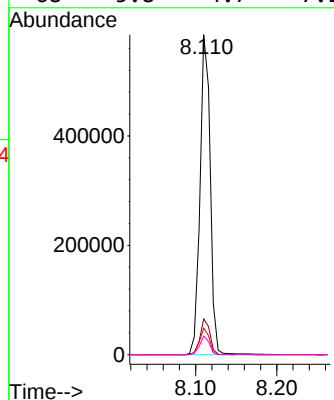
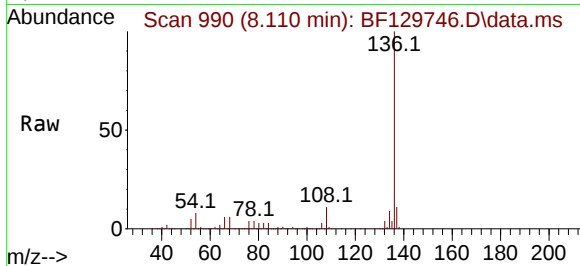


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129746.D
Acq: 12 Aug 2022 16:09

Instrument :
BNA_F
ClientSampleId :
WV-TOTECOMP-2

Tgt Ion:136 Resp: 513576

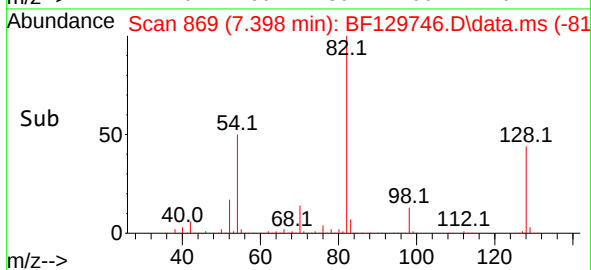
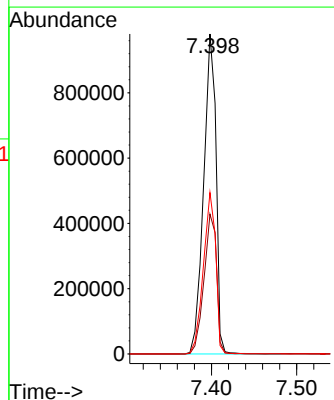
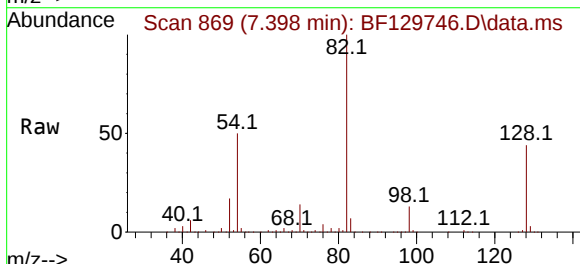
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.3	7.5	11.3
68	5.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 104.878 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF129746.D
Acq: 12 Aug 2022 16:09

Tgt Ion: 82 Resp: 986702

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.0	51.0
54	50.5	46.9	70.3

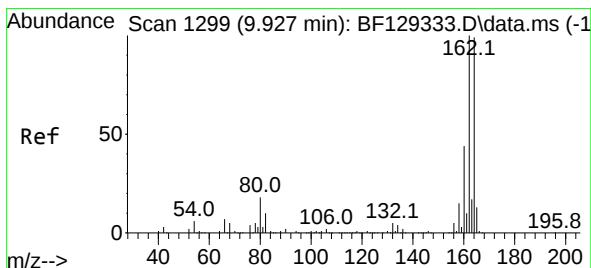
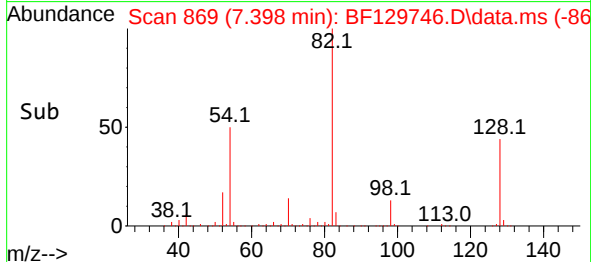
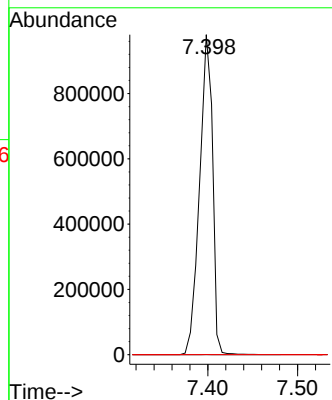
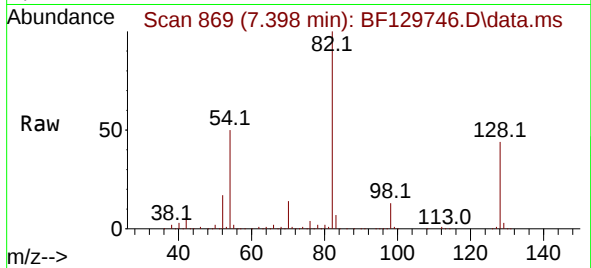




#25
Isophorone
Concen: 58.508 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF129746.D
Acq: 12 Aug 2022 16:09

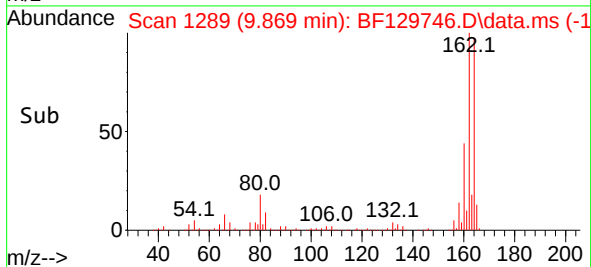
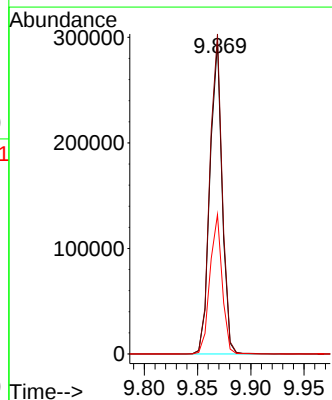
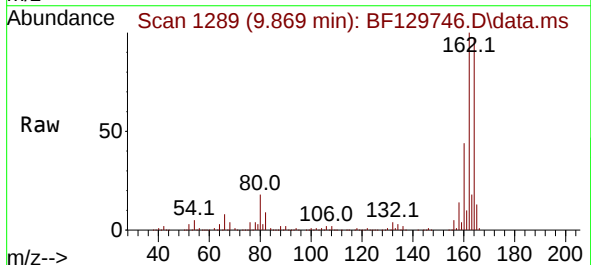
Instrument :
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ClientSampleId :
WV-TOTECOMP-2

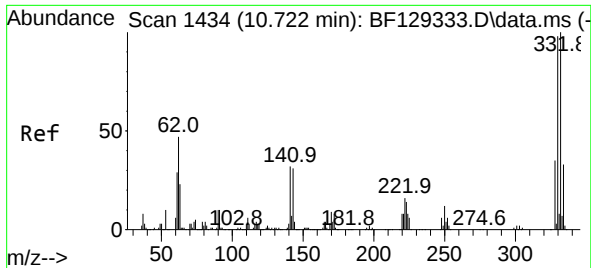
Tgt Ion: 82 Resp: 986688
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF129746.D
Acq: 12 Aug 2022 16:09

Tgt Ion: 164 Resp: 234892
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 136.022 ng

RT: 10.663 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129746.D

Acq: 12 Aug 2022 16:09

Instrument :

BNA_F

ClientSampleId :

WV-TOTECOMP-2

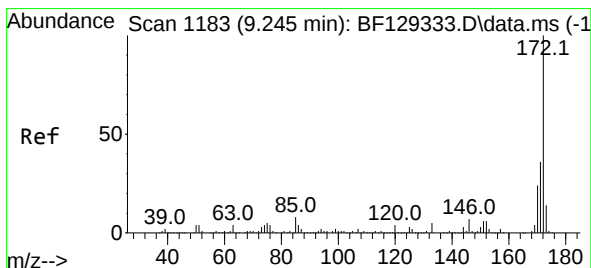
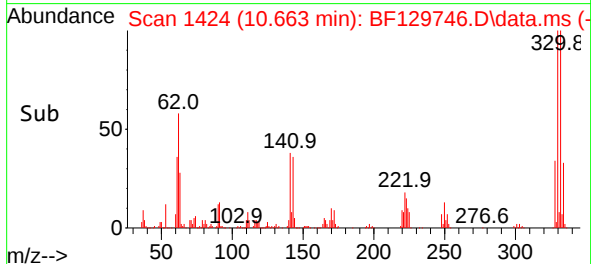
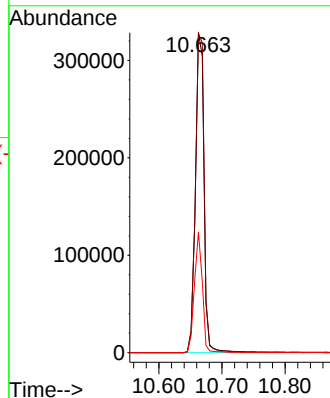
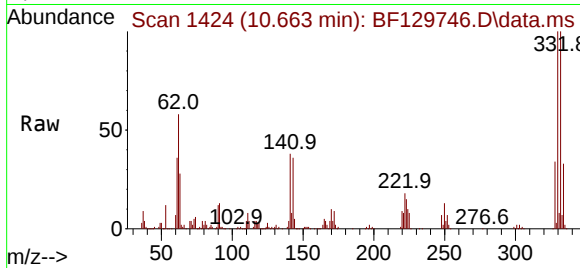
Tgt Ion:330 Resp: 307181

Ion Ratio Lower Upper

330 100

332 101.9 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 110.772 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF129746.D

Acq: 12 Aug 2022 16:09

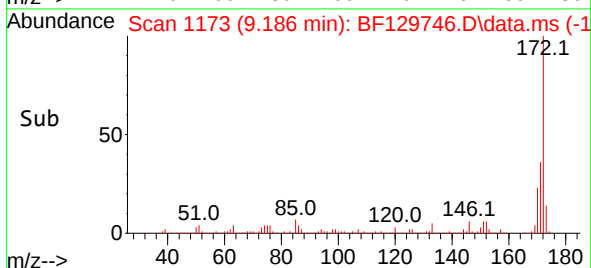
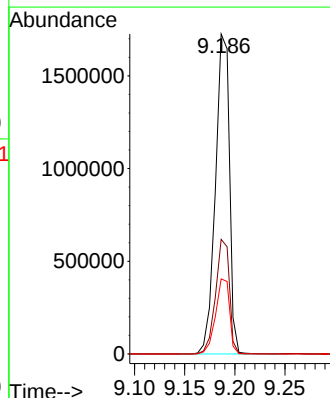
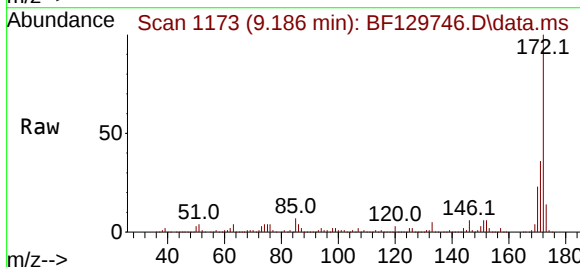
Tgt Ion:172 Resp: 1681989

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.5 19.8 29.8

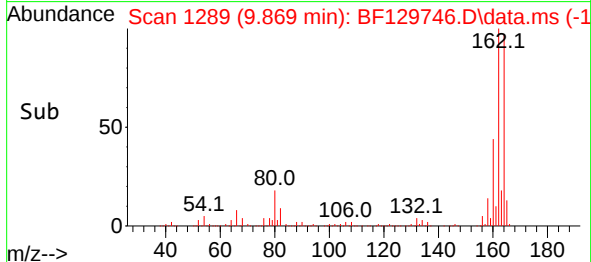
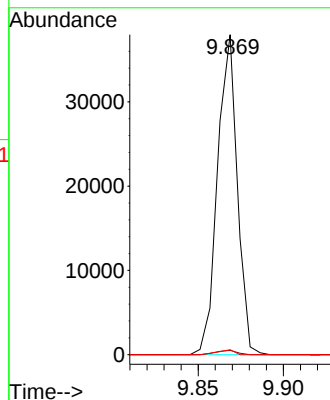
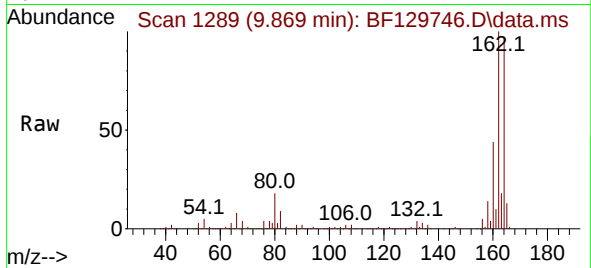




#51
2,6-Dinitrotoluene
Concen: 8.447 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.206 min
Lab File: BF129746.D
Acq: 12 Aug 2022 16:09

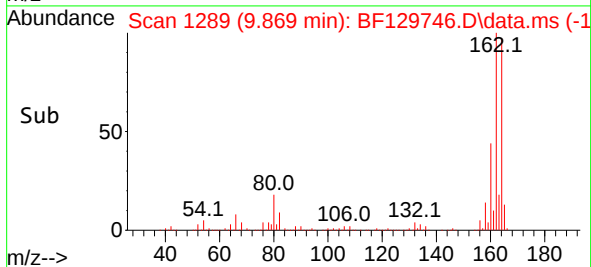
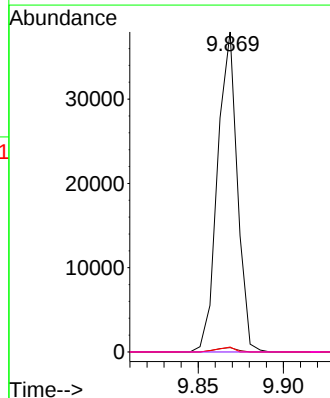
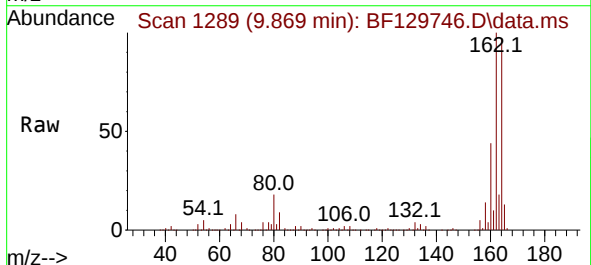
Instrument :
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WV-TOTECOMP-2

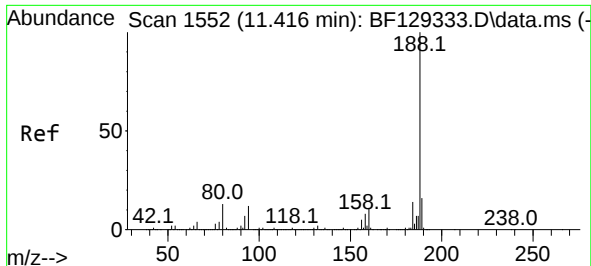
Tgt Ion:165 Resp: 30658
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 1.6 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.466 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.200 min
Lab File: BF129746.D
Acq: 12 Aug 2022 16:09

Tgt Ion:165 Resp: 30658
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#

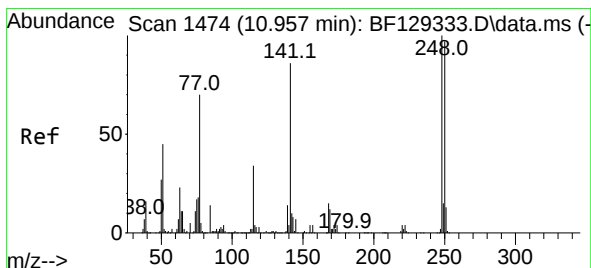
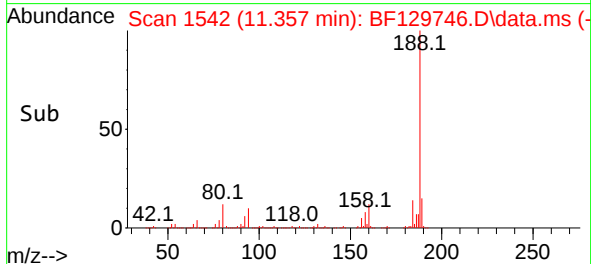
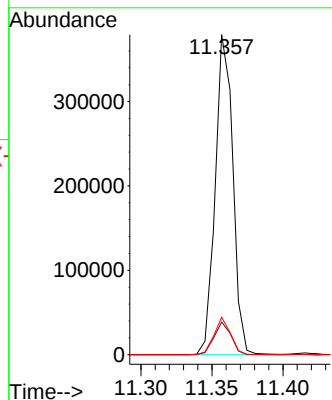
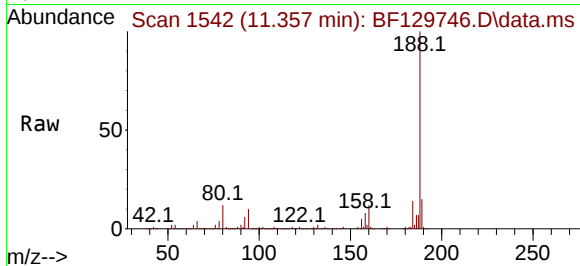




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129746.D
Acq: 12 Aug 2022 16:09

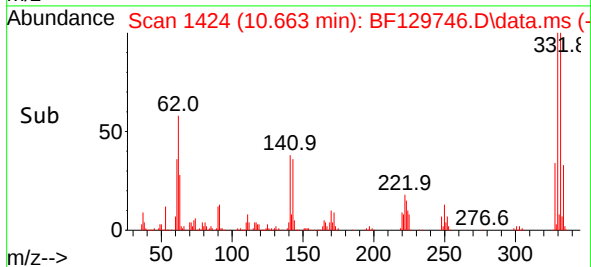
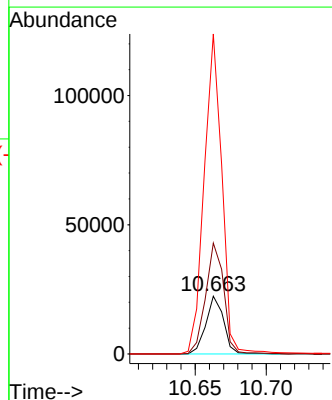
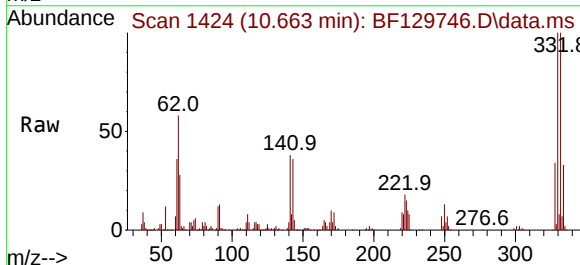
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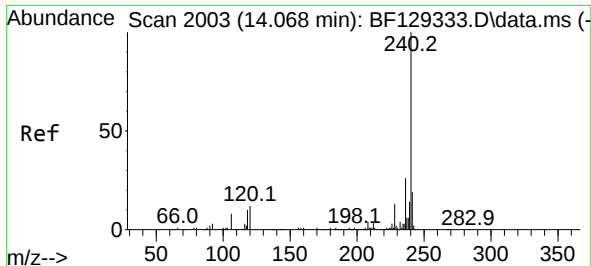
Tgt Ion:188 Resp: 327116
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 11.7 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 5.413 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.235 min
Lab File: BF129746.D
Acq: 12 Aug 2022 16:09

Tgt Ion:248 Resp: 19389
Ion Ratio Lower Upper
248 100
250 192.1 80.6 120.8#
141 554.6 58.9 88.3#

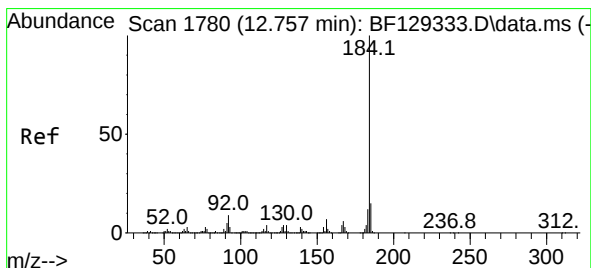
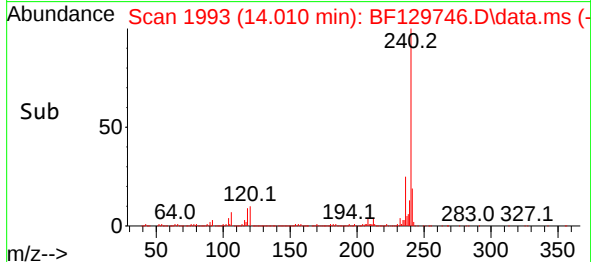
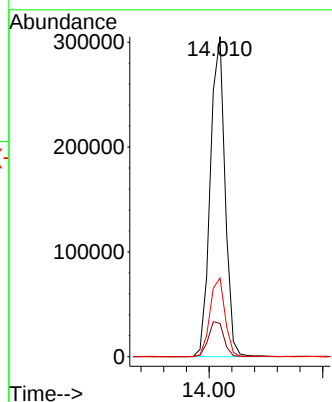
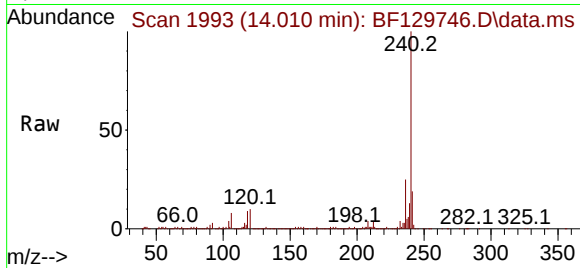




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129746.D
Acq: 12 Aug 2022 16:09

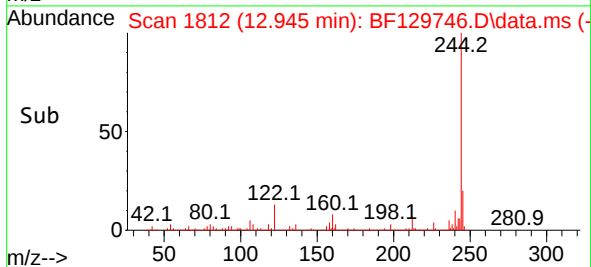
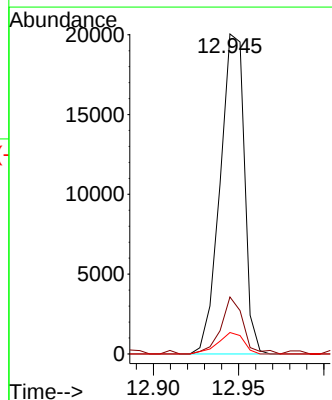
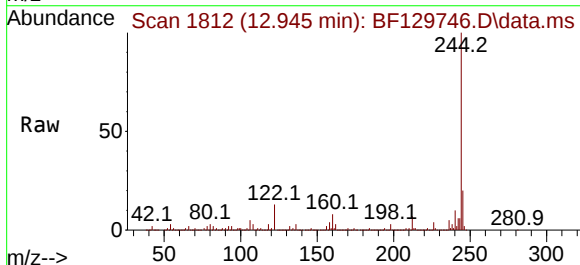
Instrument :
BNA_F
ClientSampleId :
WV-TOTECOMP-2

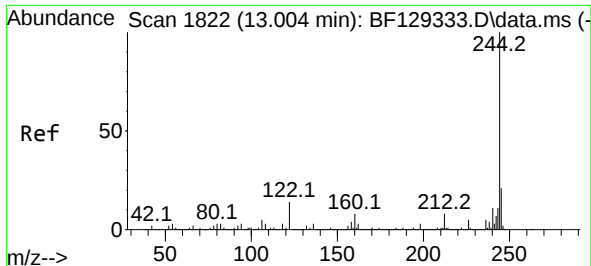
Tgt Ion:240 Resp: 274648
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 24.6 20.8 31.2



#77
Benzidine
Concen: 2.046 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.241 min
Lab File: BF129746.D
Acq: 12 Aug 2022 16:09

Tgt Ion:184 Resp: 19853
Ion Ratio Lower Upper
184 100
185 17.8 11.9 17.9
183 6.7 9.3 13.9#

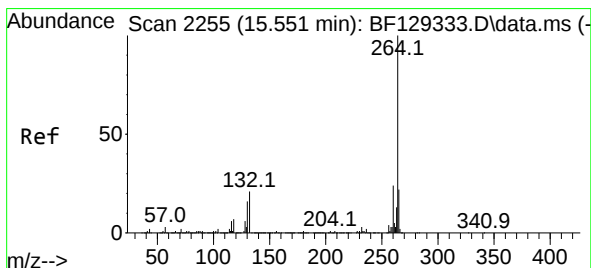
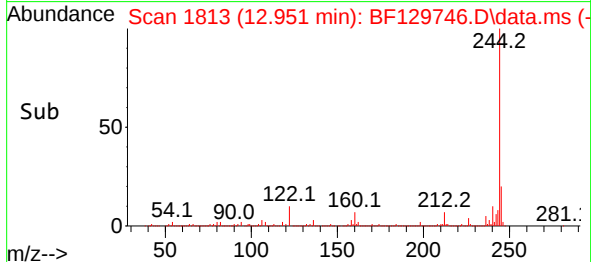
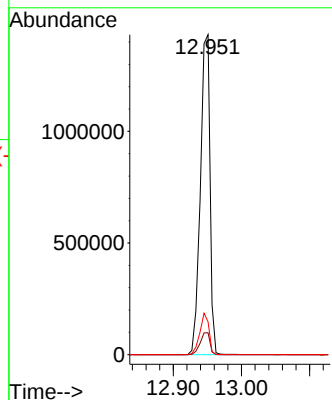
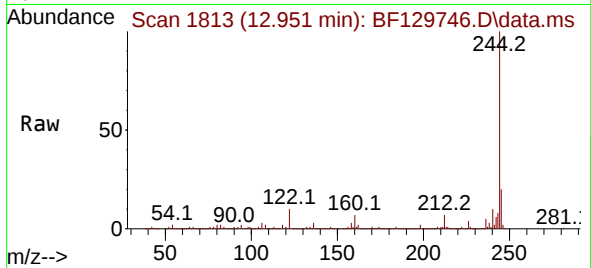




#79
 Terphenyl-d14
 Concen: 96.419 ng
 RT: 12.951 min Scan# 1822
 Delta R.T. 0.006 min
 Lab File: BF129746.D
 Acq: 12 Aug 2022 16:09

Instrument :
 BNA_F
 ClientSampleId :
 WV-TOTECOMP-2

Tgt Ion:244 Resp: 1403663
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 10.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2243
 Delta R.T. -0.000 min
 Lab File: BF129746.D
 Acq: 12 Aug 2022 16:09

Tgt Ion:264 Resp: 293057
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 20.3 17.2 25.8

