

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
 Data File : BF128630.D
 Acq On : 01 Jun 2022 18:54
 Operator : CG\JU
 Sample : N2990-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P028-SS002-0006-01

Quant Time: Jun 02 09:37:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

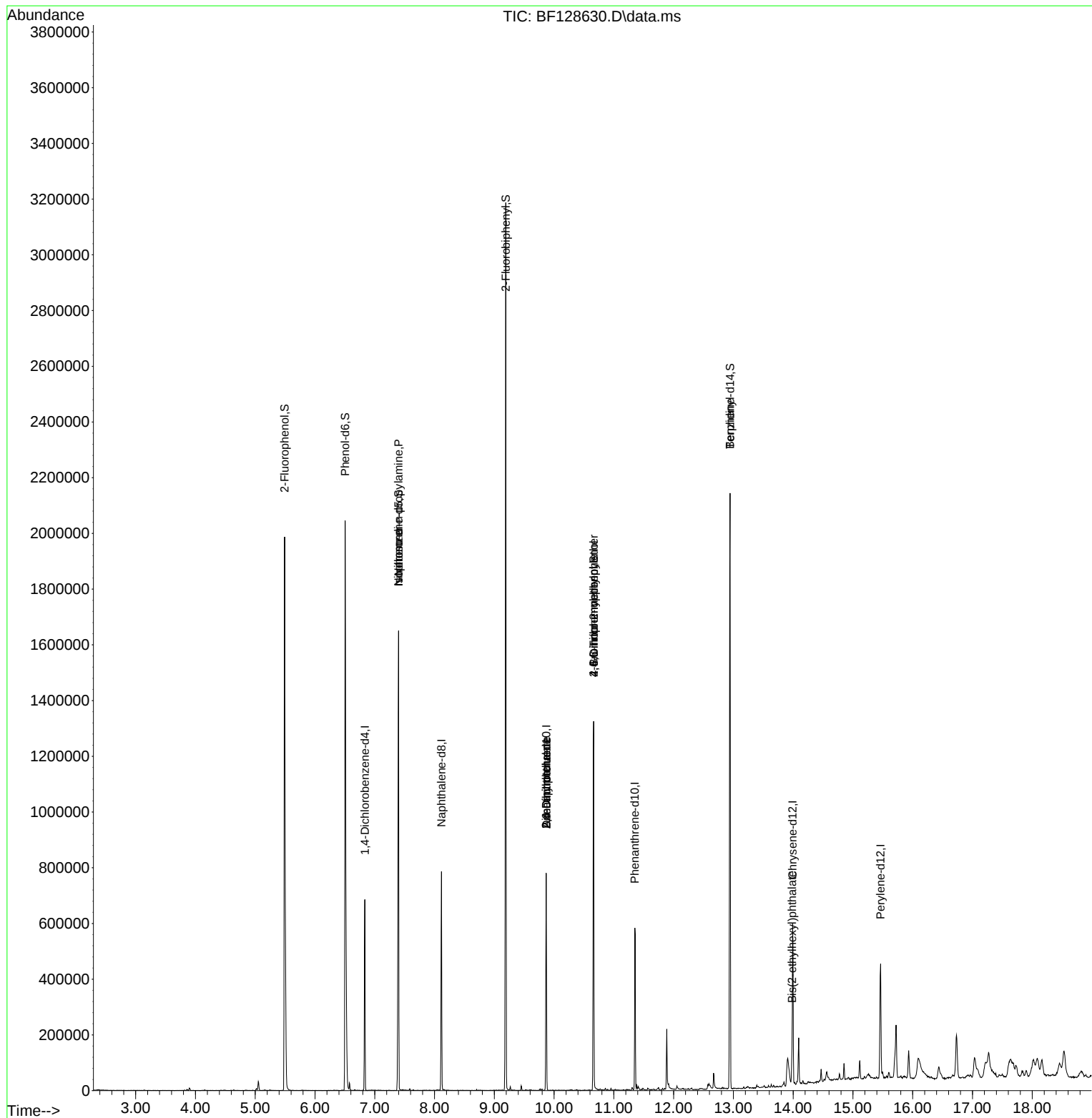
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	84450	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	299014	20.000	ng	#-0.01
39) Acenaphthene-d10	9.869	164	135241	20.000	ng	-0.01
64) Phenanthrene-d10	11.351	188	217097	20.000	ng	-0.02
76) Chrysene-d12	13.992	240	186982	20.000	ng	#-0.02
86) Perylene-d12	15.462	264	187207	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	552577	108.383	ng	0.04
7) Phenol-d6	6.504	99	704688	108.403	ng	0.04
23) Nitrobenzene-d5	7.398	82	483969	93.371	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	148164	115.100	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	854756	102.682	ng	-0.01
79) Terphenyl-d14	12.945	244	717637	74.149	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.381	77	110	Below Cal	#	49
19) n-Nitroso-di-n-propyla...	7.398	70	67962	17.051	ng	# 79
25) Isophorone	7.398	82	482616	50.473	ng	# 65
50) Dimethylphthalate	9.869	163	24544	2.798	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	17268	10.740	ng	# 26
57) 2,4-Dinitrotoluene	9.869	165	17268	8.977	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	418	5.871	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	9622	4.290	ng	# 1
77) Benzidine	12.945	184	10782	2.500	ng	# 92
84) Bis(2-ethylhexyl)phtha...	13.980	149	24901	3.465	ng	# 97

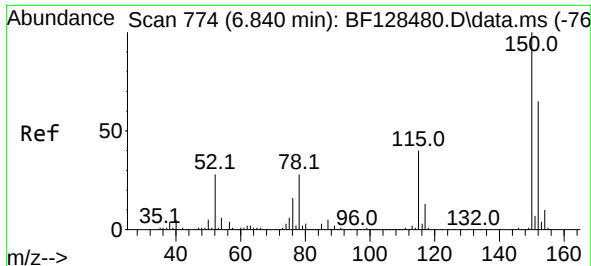
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
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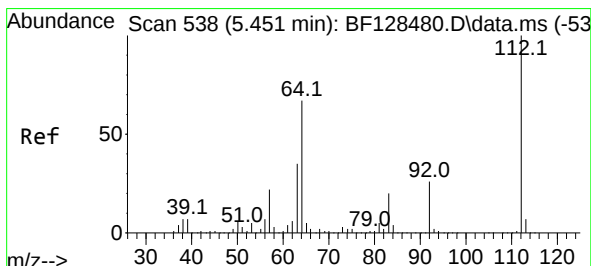
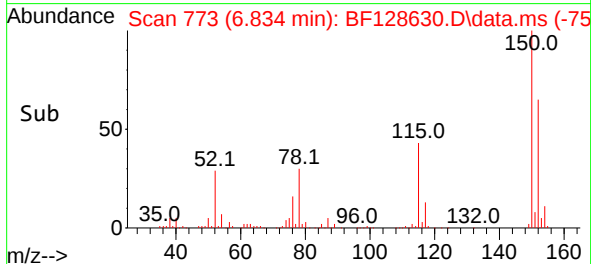
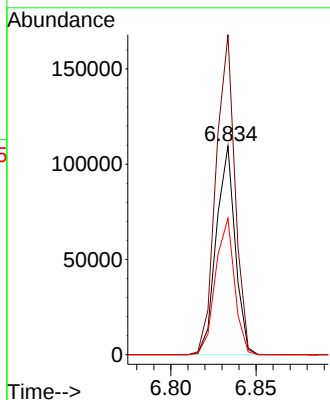
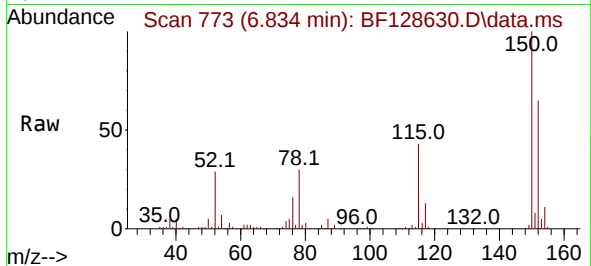




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128630.D
Acq: 01 Jun 2022 18:54

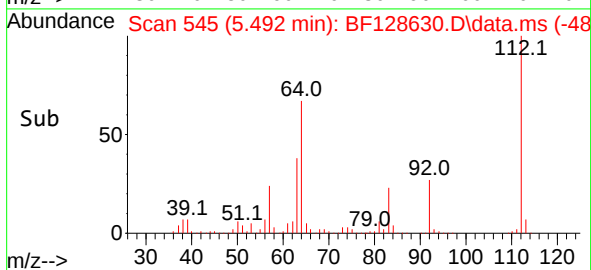
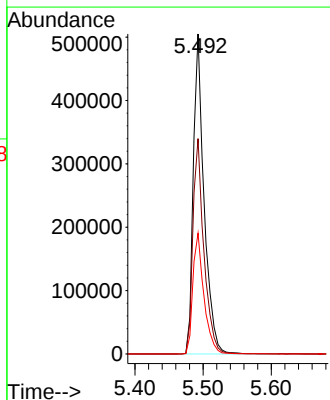
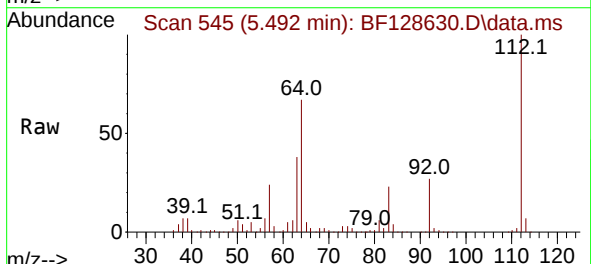
Instrument :
BNA_F
ClientSampleId :
P028-SS002-0006-01

Tgt Ion:152 Resp: 84450
Ion Ratio Lower Upper
152 100
150 153.2 123.7 185.5
115 65.3 49.9 74.9



#5
2-Fluorophenol
Concen: 108.383 ng
RT: 5.492 min Scan# 545
Delta R.T. 0.041 min
Lab File: BF128630.D
Acq: 01 Jun 2022 18:54

Tgt Ion:112 Resp: 552577
Ion Ratio Lower Upper
112 100
64 67.3 53.3 79.9
63 37.8 28.0 42.0

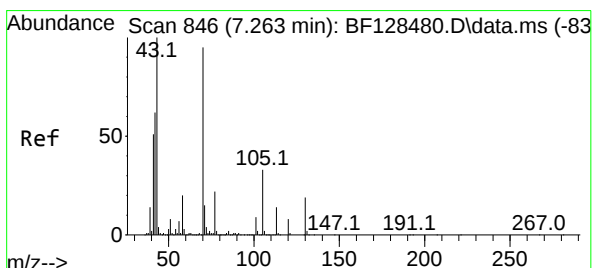
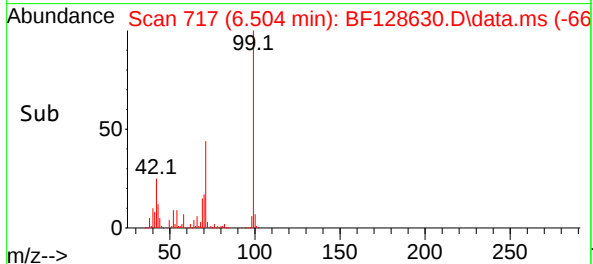
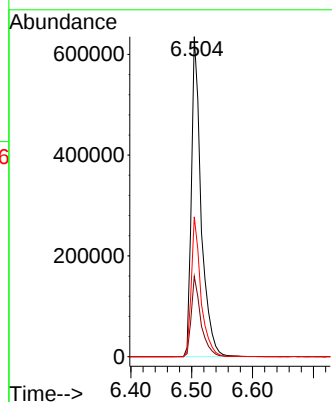
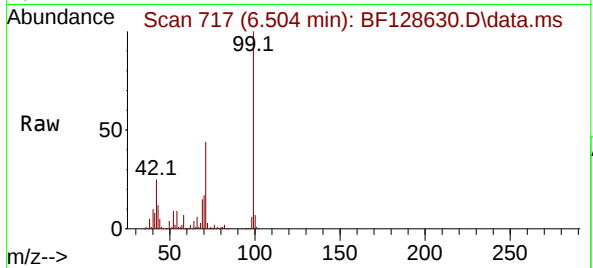




#7
Phenol-d6
Concen: 108.403 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.035 min
Lab File: BF128630.D
Acq: 01 Jun 2022 18:54

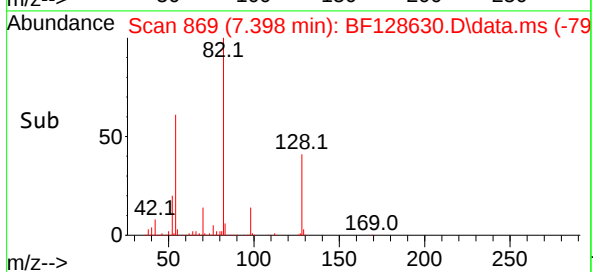
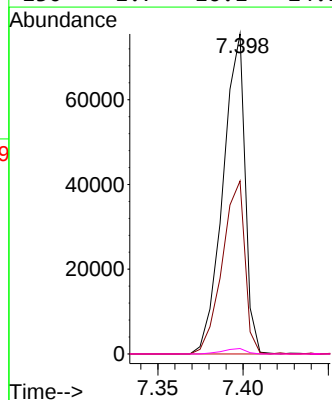
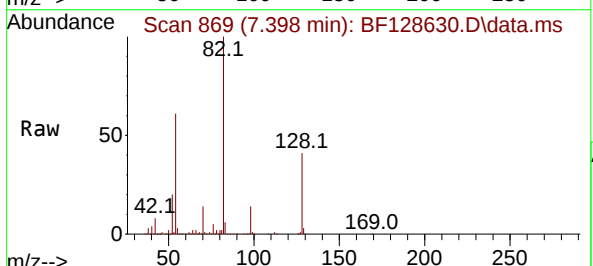
Instrument :
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ClientSampleId :
P028-SS002-0006-01

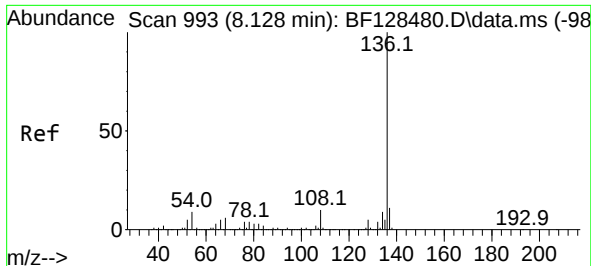
Tgt Ion: 99 Resp: 704688
Ion Ratio Lower Upper
99 100
42 25.1 17.3 25.9
71 43.7 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 17.051 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128630.D
Acq: 01 Jun 2022 18:54

Tgt Ion: 70 Resp: 67962
Ion Ratio Lower Upper
70 100
42 54.0 52.3 78.5
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

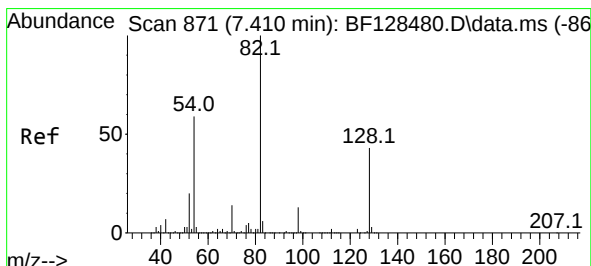
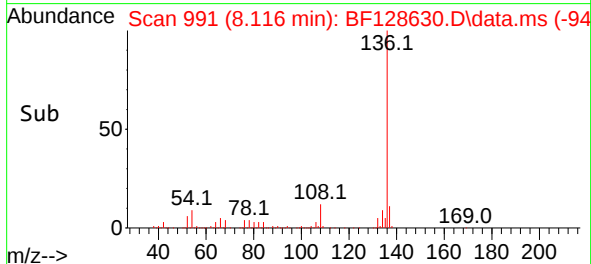
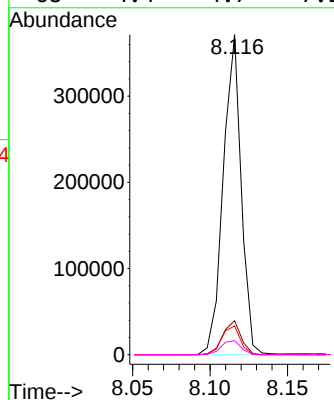
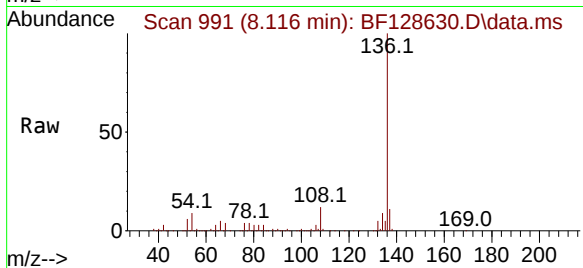




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128630.D
Acq: 01 Jun 2022 18:54

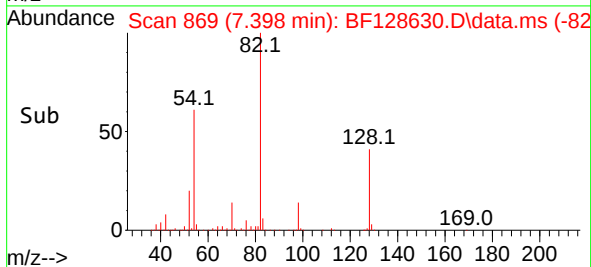
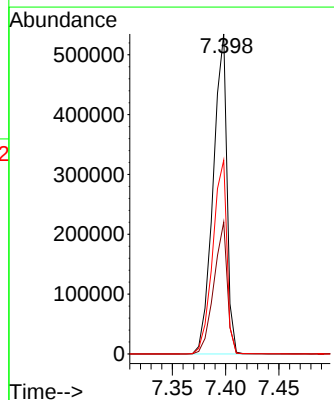
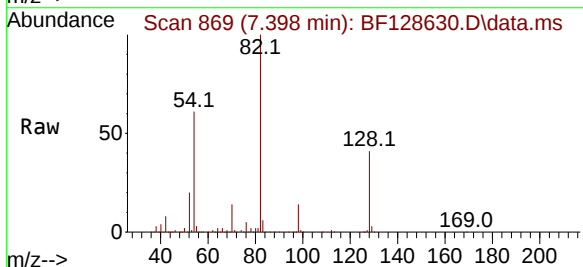
Instrument :
BNA_F
ClientSampleId :
P028-SS002-0006-01

Tgt Ion:136 Resp: 299014
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.0 7.5 11.3
68 4.4 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 93.371 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128630.D
Acq: 01 Jun 2022 18:54

Tgt Ion: 82 Resp: 483969
Ion Ratio Lower Upper
82 100
128 41.2 34.0 51.0
54 60.6 46.9 70.3

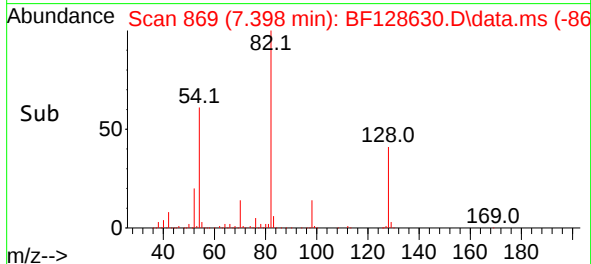
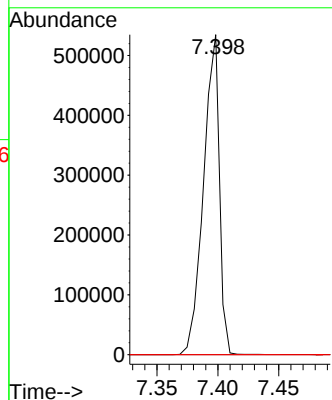
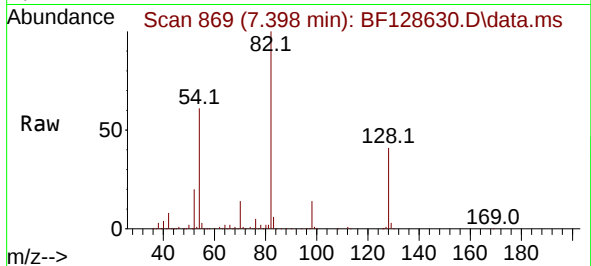




#25
Isophorone
Concen: 50.473 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128630.D
Acq: 01 Jun 2022 18:54

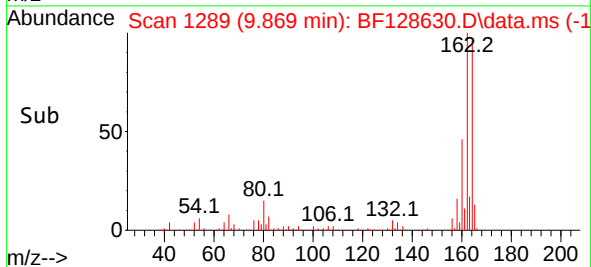
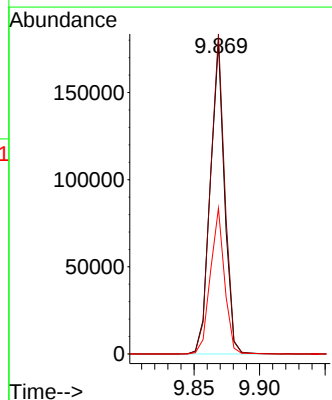
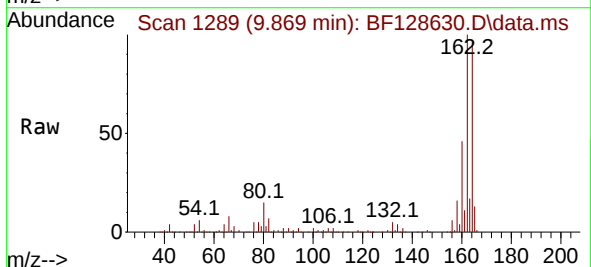
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P028-SS002-0006-01

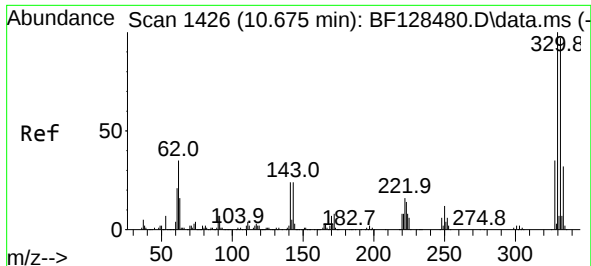
Tgt Ion: 82 Resp: 482616
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF128630.D
Acq: 01 Jun 2022 18:54

Tgt Ion: 164 Resp: 135241
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 46.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 115.100 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128630.D

Acq: 01 Jun 2022 18:54

Instrument :

BNA_F

ClientSampleId :

P028-SS002-0006-01

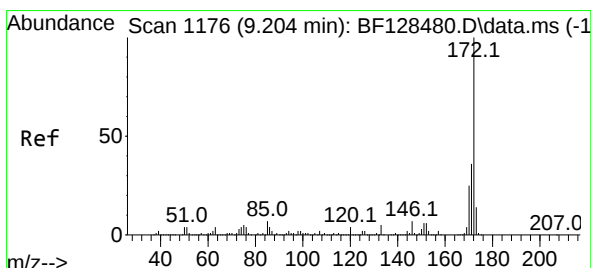
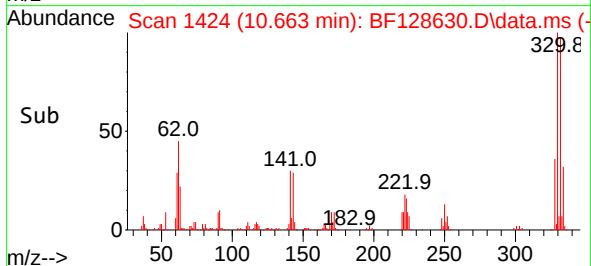
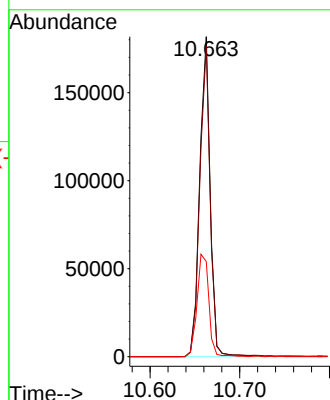
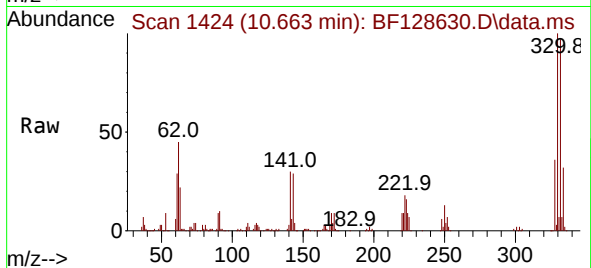
Tgt Ion:330 Resp: 148164

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

141 35.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 102.682 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BF128630.D

Acq: 01 Jun 2022 18:54

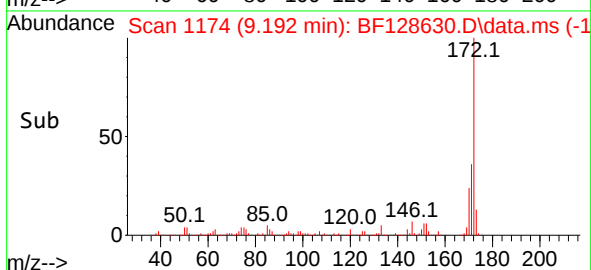
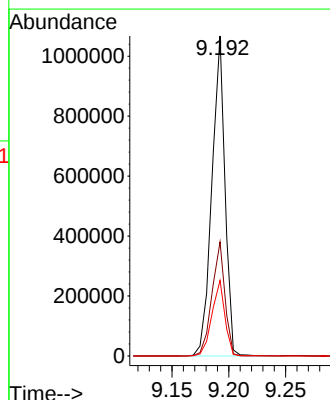
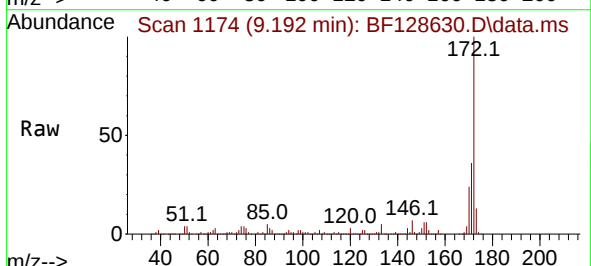
Tgt Ion:172 Resp: 854756

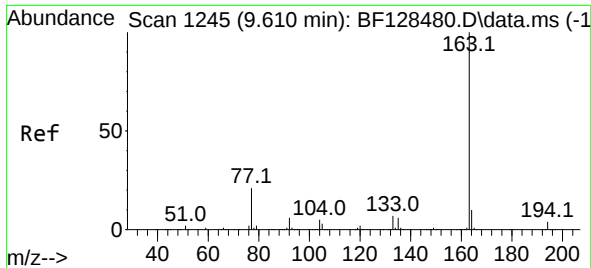
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.6 19.8 29.8

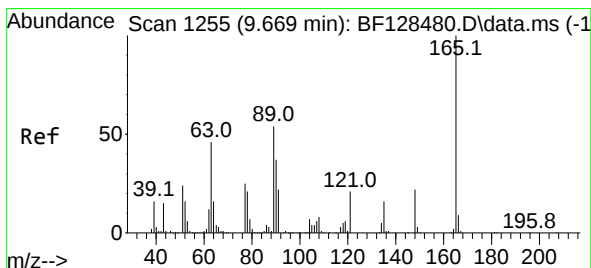
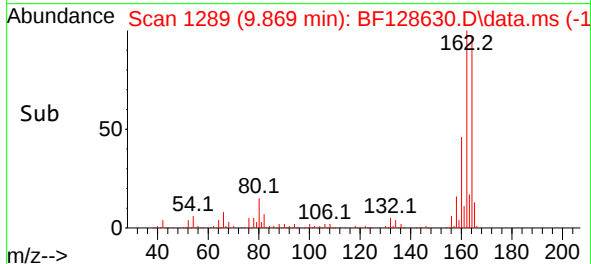
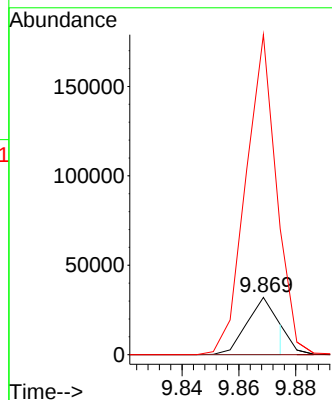
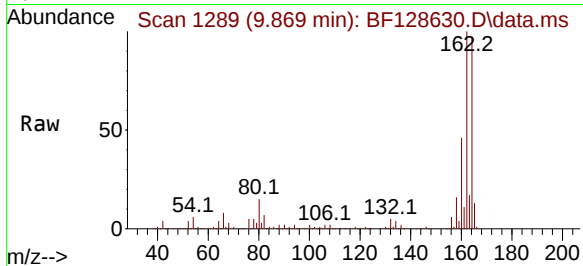




#50
Dimethylphthalate
Concen: 2.798 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.259 min
Lab File: BF128630.D
Acq: 01 Jun 2022 18:54

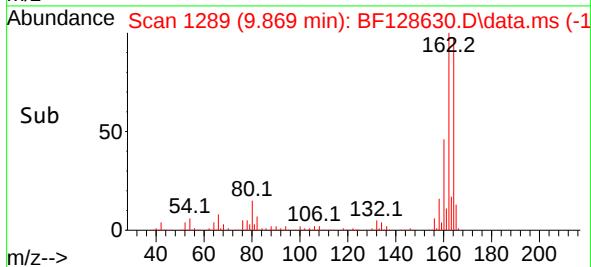
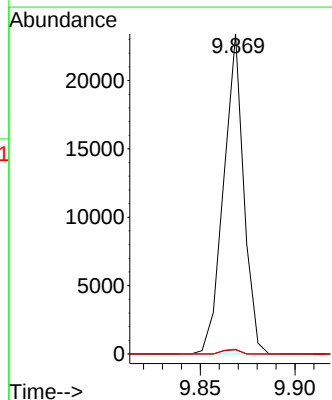
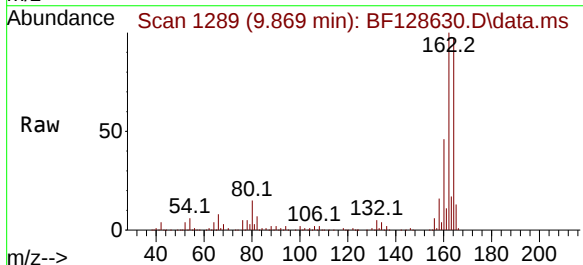
Instrument :
BNA_F
ClientSampleId :
P028-SS002-0006-01

Tgt Ion:163 Resp: 24544
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 557.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.740 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF128630.D
Acq: 01 Jun 2022 18:54

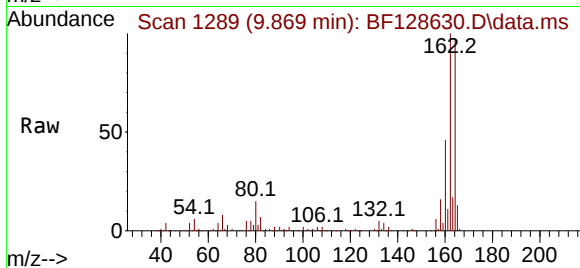
Tgt Ion:165 Resp: 17268
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.5 43.6 65.4#



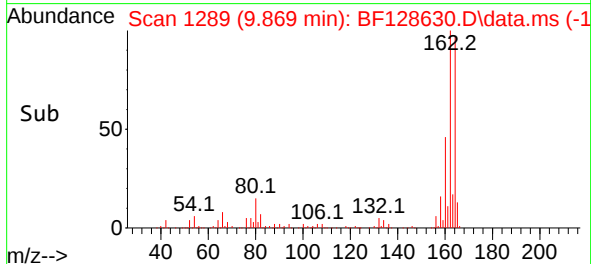
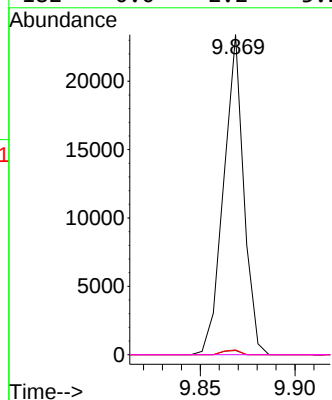


#57
2,4-Dinitrotoluene
Concen: 8.977 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128630.D
Acq: 01 Jun 2022 18:54

Instrument :
BNA_F
ClientSampleId :
P028-SS002-0006-01

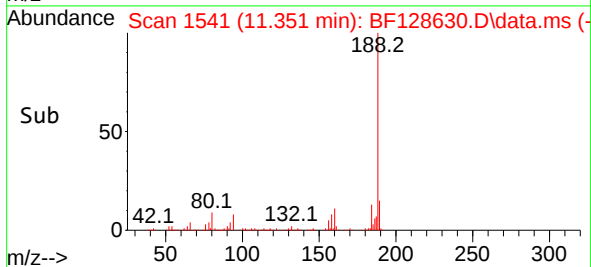
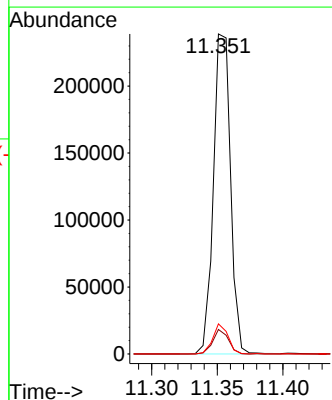
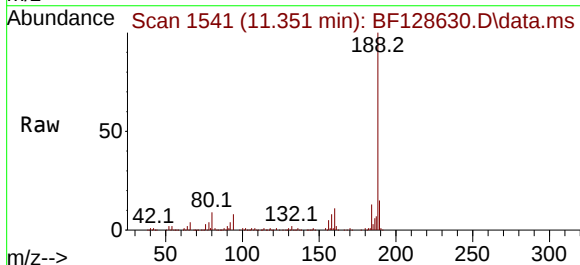


Tgt Ion:	165	Resp:	17268
Ion Ratio	Lower	Upper	
165	100		
63	1.3	39.8	59.6#
89	1.5	60.2	90.2#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.018 min
Lab File: BF128630.D
Acq: 01 Jun 2022 18:54

Tgt Ion:	188	Resp:	217097
Ion Ratio	Lower	Upper	
188	100		
94	7.7	7.0	10.6
80	9.4	7.6	11.4

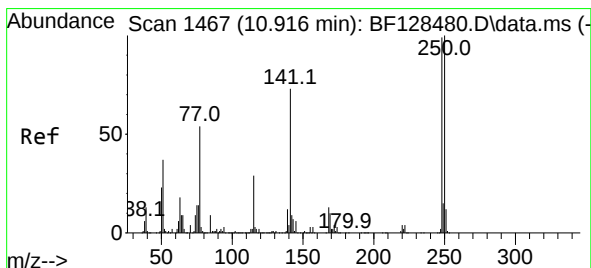
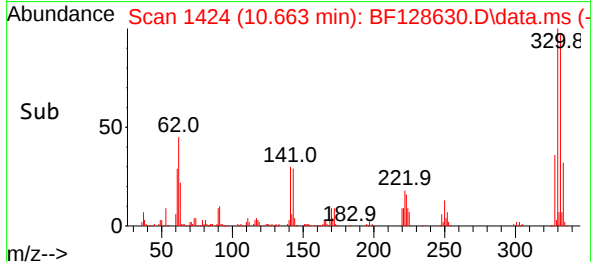
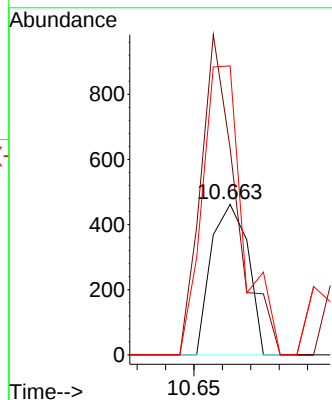
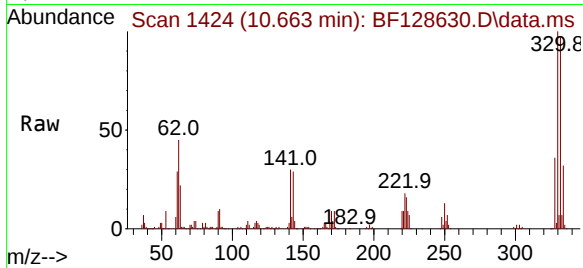




#65
4,6-Dinitro-2-methylphenol
Concen: 5.871 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128630.D
Acq: 01 Jun 2022 18:54

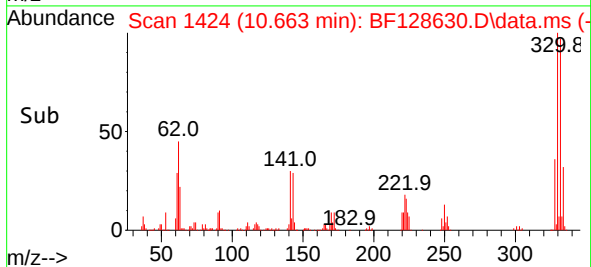
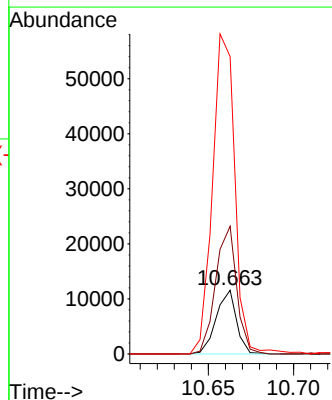
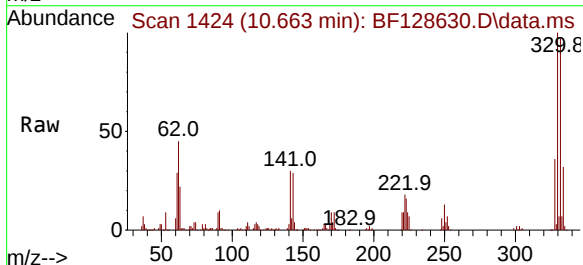
Instrument :
BNA_F
ClientSampleId :
P028-SS002-0006-01

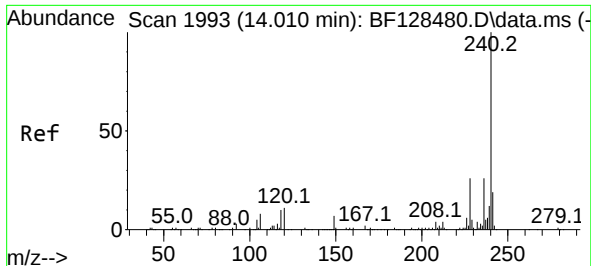
Tgt Ion:198 Resp: 418
Ion Ratio Lower Upper
198 100
51 137.2 37.6 77.6#
105 192.0 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.290 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128630.D
Acq: 01 Jun 2022 18:54

Tgt Ion:248 Resp: 9622
Ion Ratio Lower Upper
248 100
250 200.6 80.6 120.8#
141 467.2 58.9 88.3#

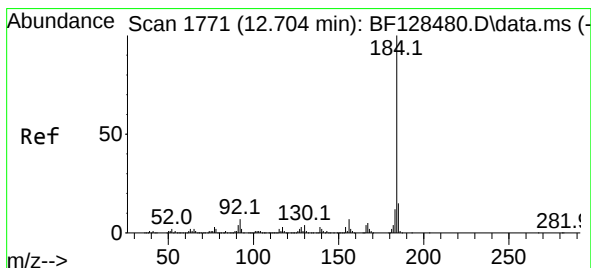
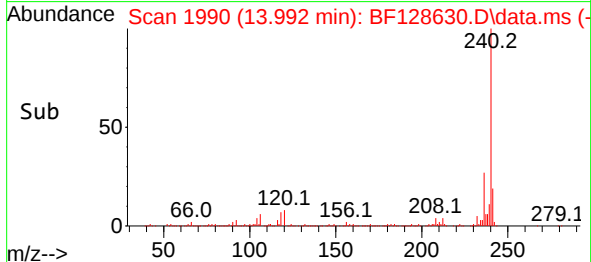
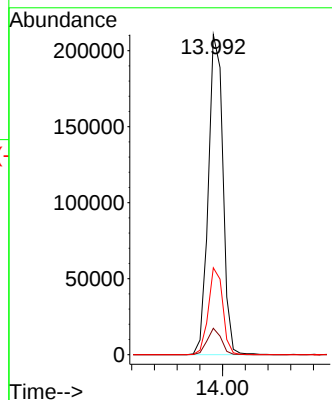
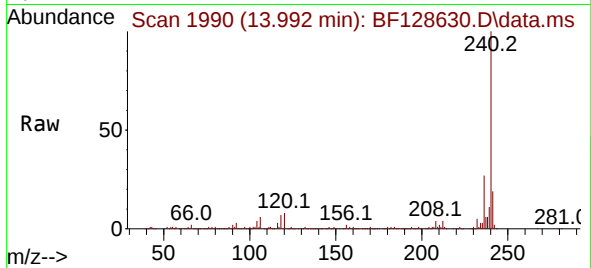




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1812
Delta R.T. -0.018 min
Lab File: BF128630.D
Acq: 01 Jun 2022 18:54

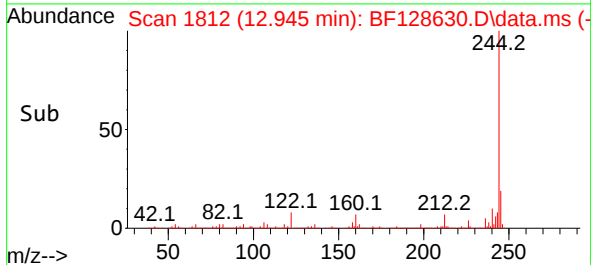
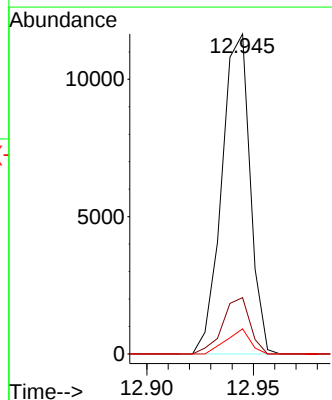
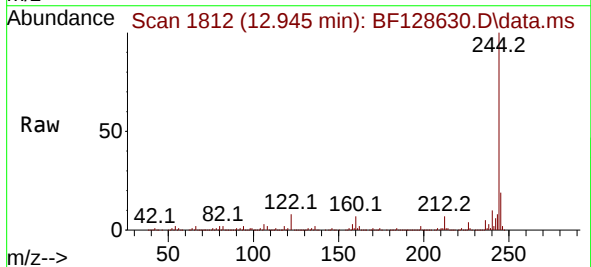
Instrument :
BNA_F
ClientSampleId :
P028-SS002-0006-01

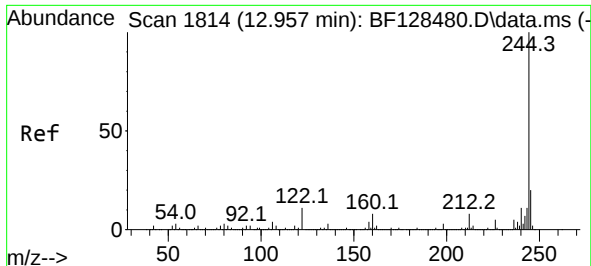
Tgt Ion:240 Resp: 186982
Ion Ratio Lower Upper
240 100
120 8.3 8.9 13.3#
236 27.1 20.8 31.2



#77
Benzidine
Concen: 2.500 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.241 min
Lab File: BF128630.D
Acq: 01 Jun 2022 18:54

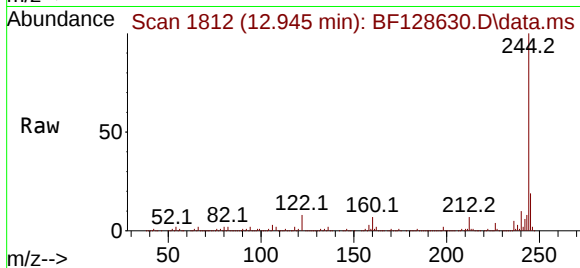
Tgt Ion:184 Resp: 10782
Ion Ratio Lower Upper
184 100
185 17.6 11.9 17.9
183 7.8 9.3 13.9#



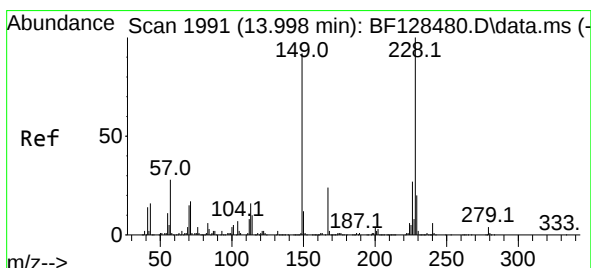
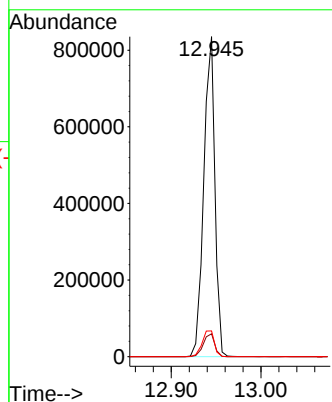
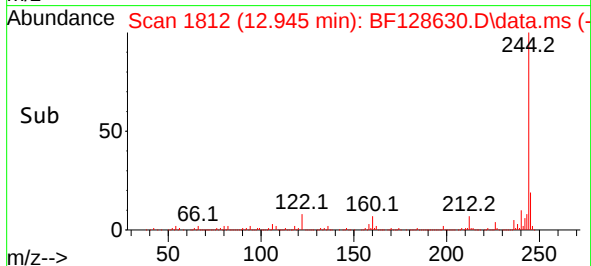


#79
 Terphenyl-d14
 Concen: 74.149 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.012 min
 Lab File: BF128630.D
 Acq: 01 Jun 2022 18:54

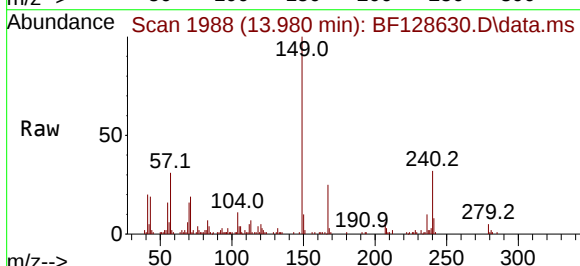
Instrument :
 BNA_F
 ClientSampleId :
 P028-SS002-0006-01



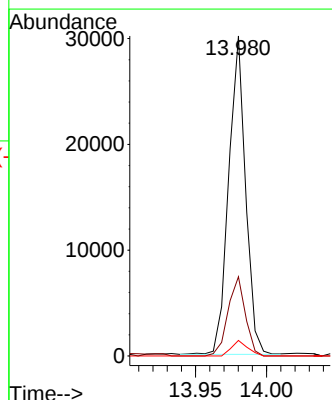
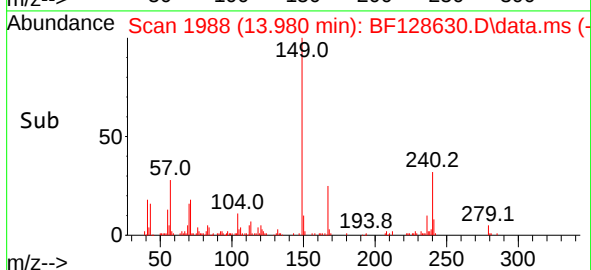
Tgt Ion:244 Resp: 717637
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 8.1 8.8 13.2#

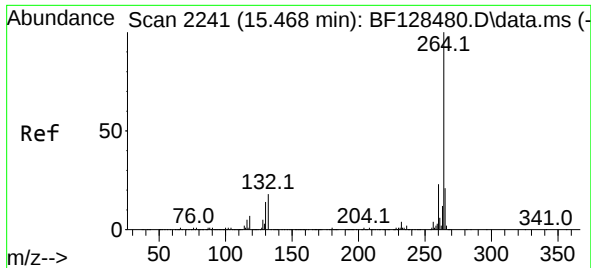


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.465 ng
 RT: 13.980 min Scan# 1988
 Delta R.T. -0.018 min
 Lab File: BF128630.D
 Acq: 01 Jun 2022 18:54



Tgt Ion:149 Resp: 24901
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.0 31.4
 279 4.8 3.1 4.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128630.D
 Acq: 01 Jun 2022 18:54

Instrument :
 BNA_F
 ClientSampleId :
 P028-SS002-0006-01

Tgt Ion:264 Resp: 187207
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.4 27.6
 265 21.6 17.2 25.8

