

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126428.D
 Acq On : 30 Dec 2021 19:56
 Operator : JU/CG
 Sample : M5244-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 31 00:38:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

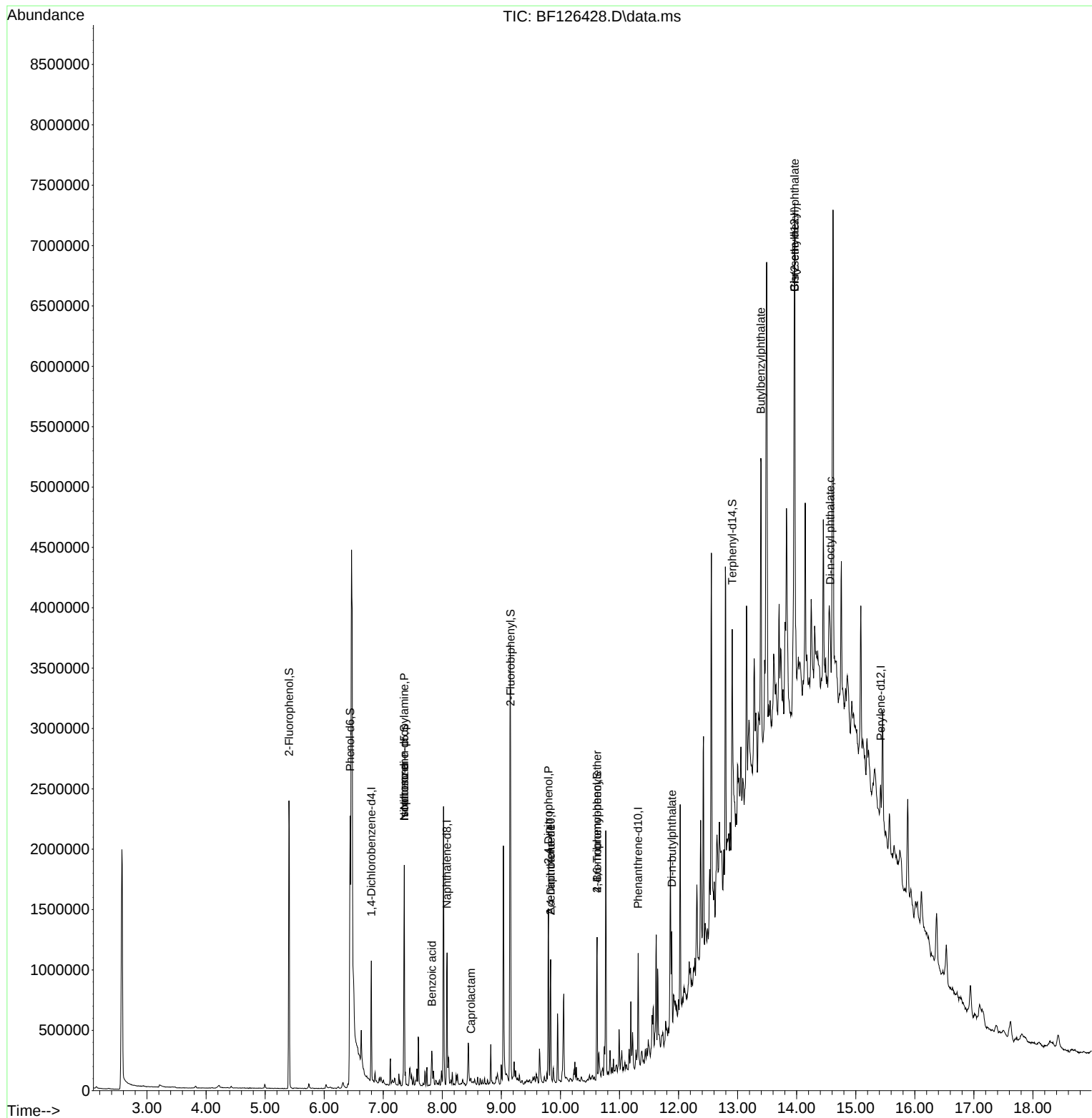
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	115381	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	442475	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	184980	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	295973	20.000	ng	0.00
76) Chrysene-d12	13.963	240	126974	20.000	ng	0.00
86) Perylene-d12	15.421	264	163768	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	700749	87.217	ng	0.00
7) Phenol-d6	6.440	99	868286	83.437	ng	0.01
23) Nitrobenzene-d5	7.357	82	555011	64.405	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	126902	88.778	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	628532	59.793	ng	0.00
79) Terphenyl-d14	12.910	244	601265	92.005	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	70756	11.915	ng	# 79
25) Isophorone	7.357	82	552524	35.816	ng	# 69
32) Benzoic acid	7.822	122	5269	8.112	ng	# 1
35) Caprolactam	8.486	113	5562	4.006	ng	# 80
54) 2,4-Dinitrophenol	9.798	184	637	4.476	ng	# 43
57) 2,4-Dinitrotoluene	9.833	165	24521	7.621	ng	# 17
67) 4-Bromophenyl-phenylether	10.622	248	7403	2.818	ng	# 1
74) Di-n-butylphthalate	11.886	149	335911	19.901	ng	99
77) Benzidine	12.627	184	831	Below Cal		# 1
80) Butylbenzylphthalate	13.392	149	792827	166.740	ng	96
84) Bis(2-ethylhexyl)phtha...	13.968	149	1957236	397.190	ng	# 98
85) Di-n-octyl phthalate	14.568	149	203371	23.797	ng	# 71

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

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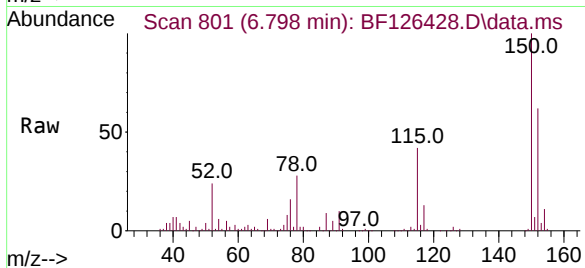
Quant Time: Dec 31 00:38:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
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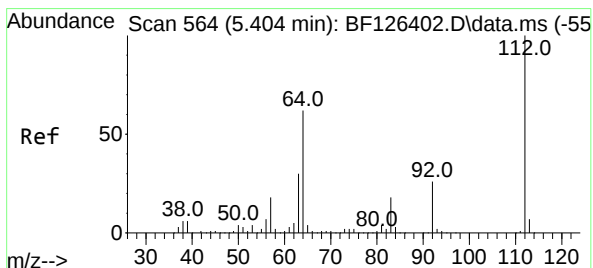
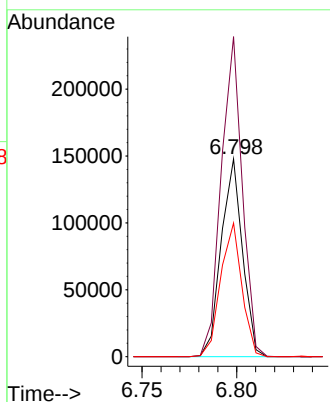
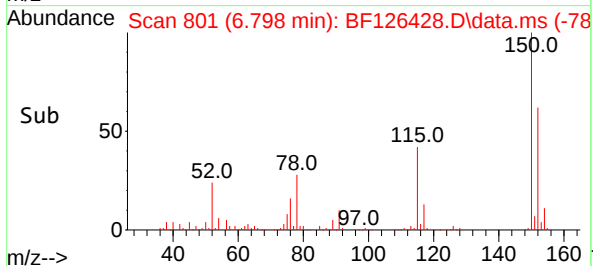


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

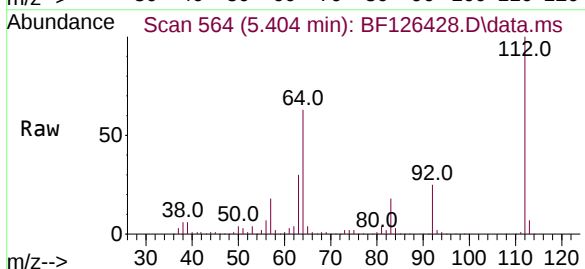
Instrument :
BNA_F
ClientSampleId :



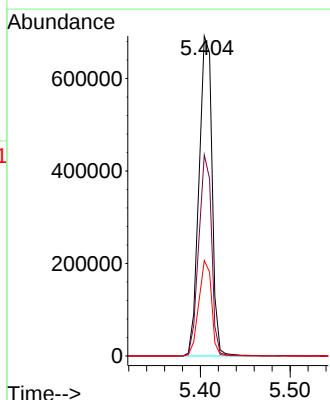
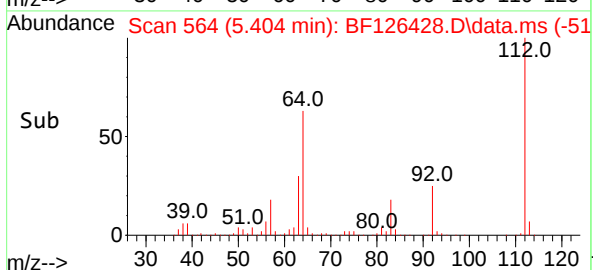
Tgt Ion:152 Resp: 115381
Ion Ratio Lower Upper
152 100
150 161.7 128.1 192.1
115 67.5 56.7 85.1

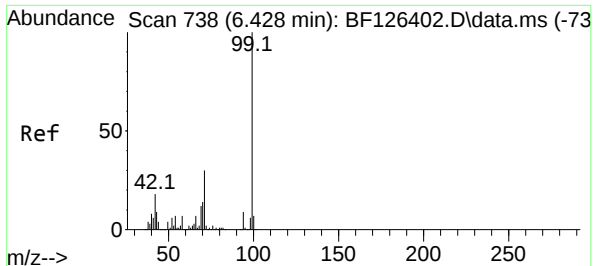


#5
2-Fluorophenol
Concen: 87.217 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56



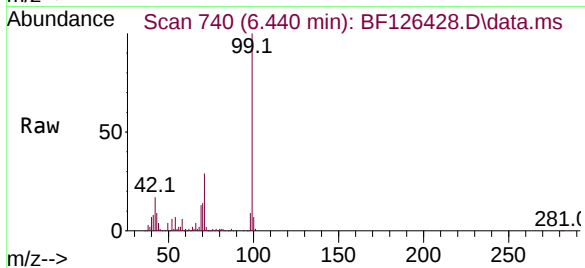
Tgt Ion:112 Resp: 700749
Ion Ratio Lower Upper
112 100
64 62.9 49.5 74.3
63 29.8 23.9 35.9



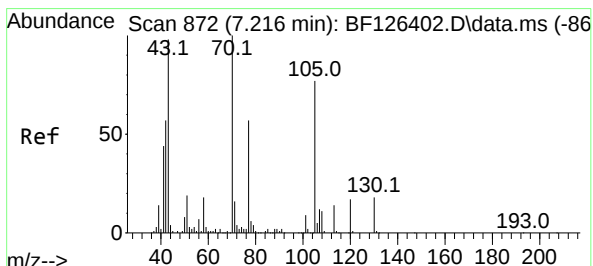
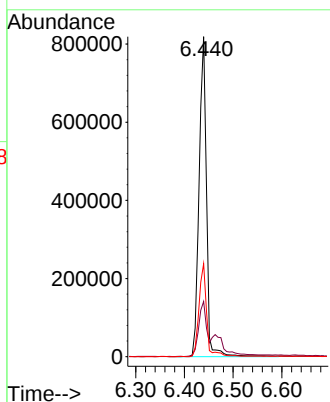
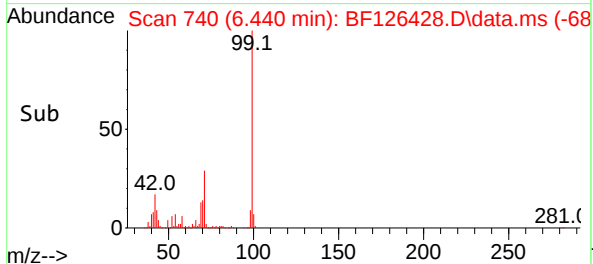


#7
Phenol-d6
Concen: 83.437 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.012 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

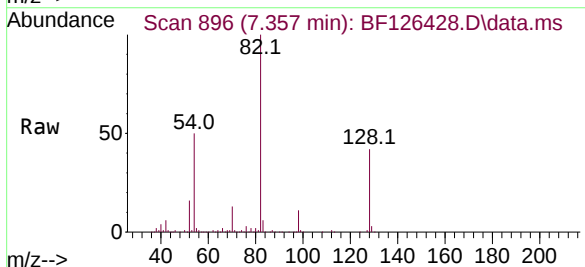
Instrument :
BNA_F
ClientSampleId :



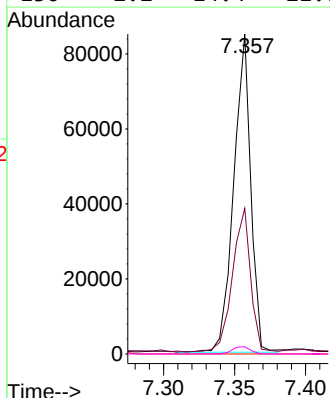
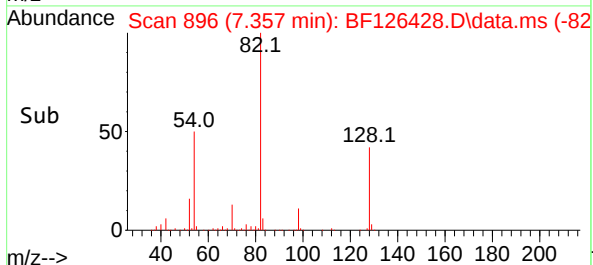
Tgt Ion: 99 Resp: 868286
Ion Ratio Lower Upper
99 100
42 17.3 14.2 21.4
71 29.0 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.915 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56



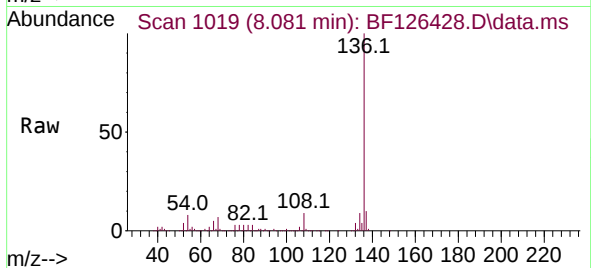
Tgt Ion: 70 Resp: 70756
Ion Ratio Lower Upper
70 100
42 45.5 45.8 68.8#
101 0.0 6.9 10.3#
130 2.2 14.4 21.6#



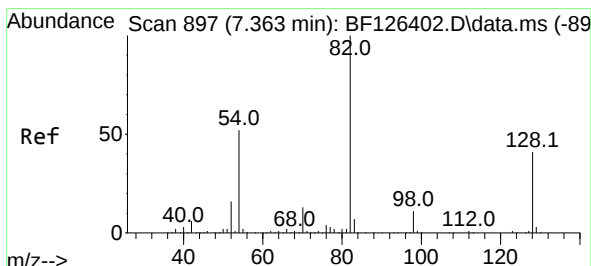
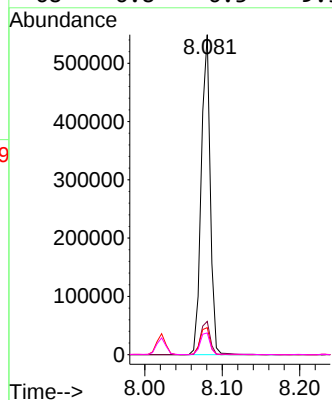
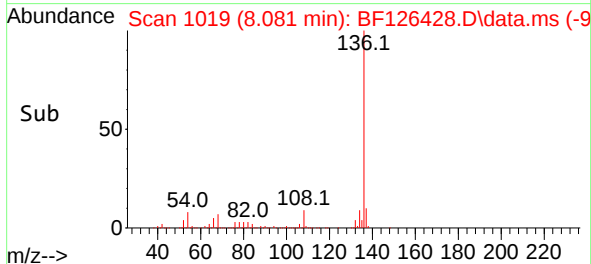


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

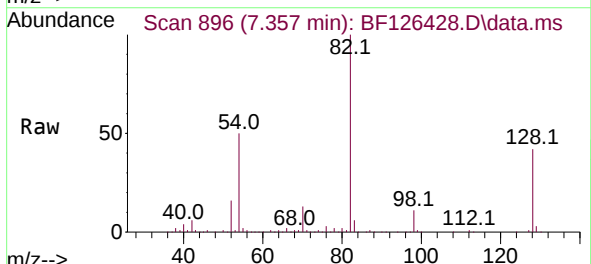
Instrument :
BNA_F
ClientSampleId :



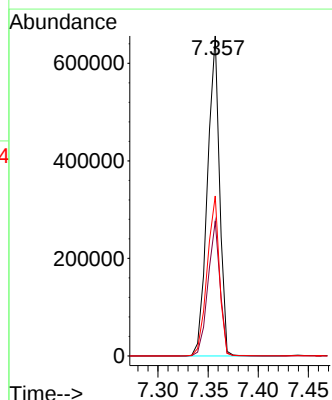
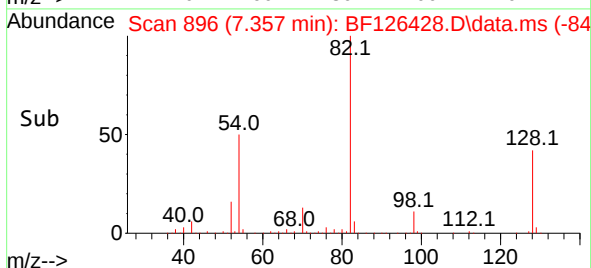
Tgt Ion:136 Resp: 442475
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.5 7.8 11.6
68 6.8 6.3 9.5

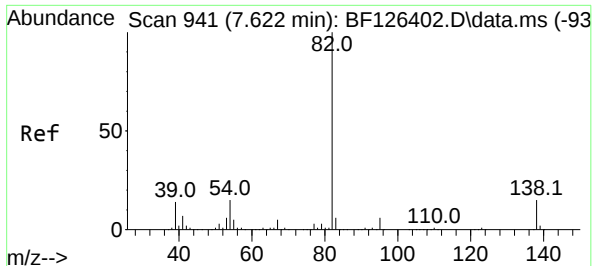


#23
Nitrobenzene-d5
Concen: 64.405 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56



Tgt Ion: 82 Resp: 555011
Ion Ratio Lower Upper
82 100
128 42.1 32.7 49.1
54 50.0 41.7 62.5

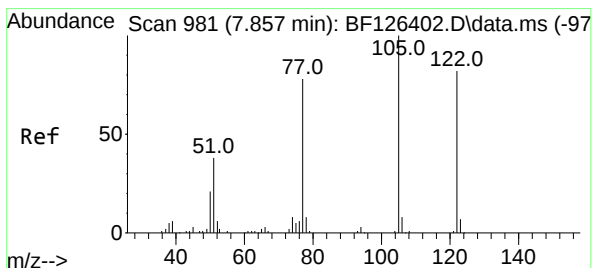
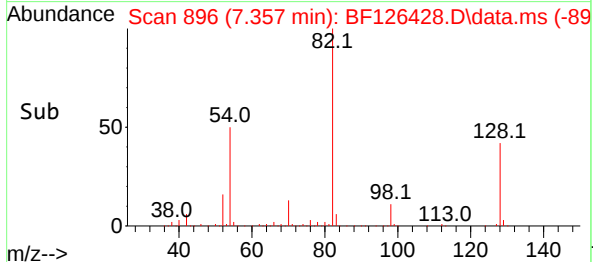
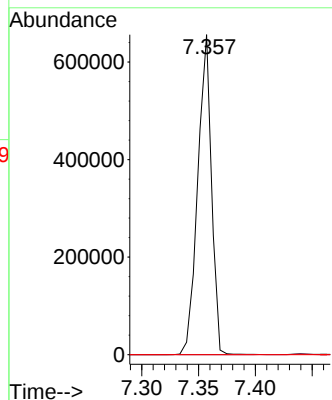
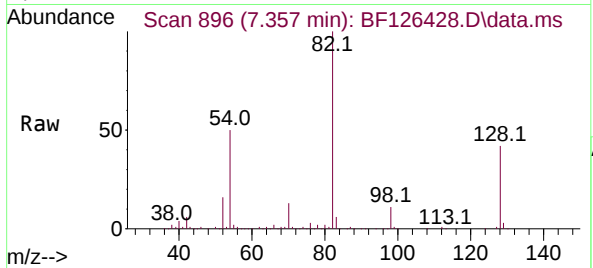




#25
Isophorone
Concen: 35.816 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

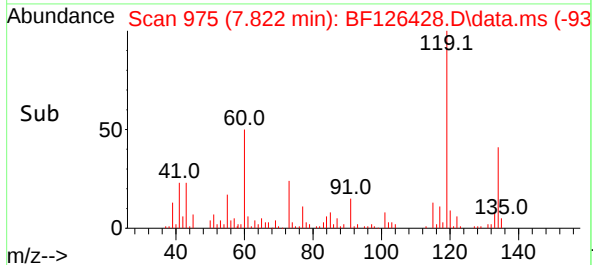
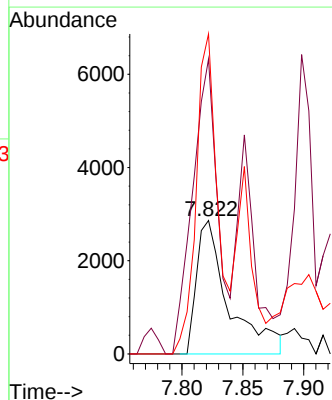
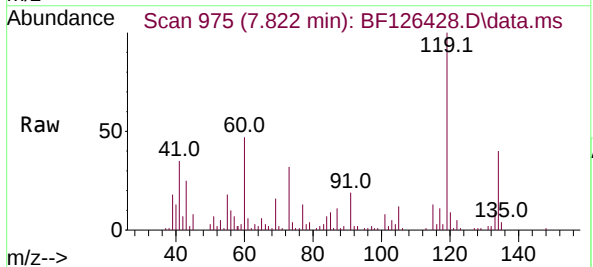
Instrument :
BNA_F
ClientSampleId :

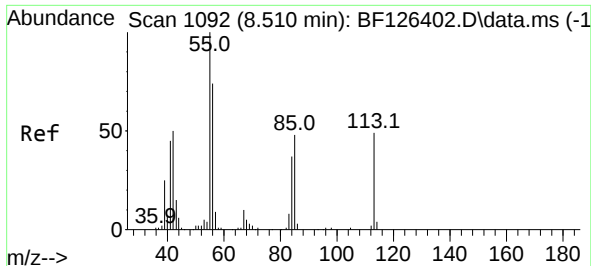
Tgt Ion: 82 Resp: 552524
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 8.112 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.035 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

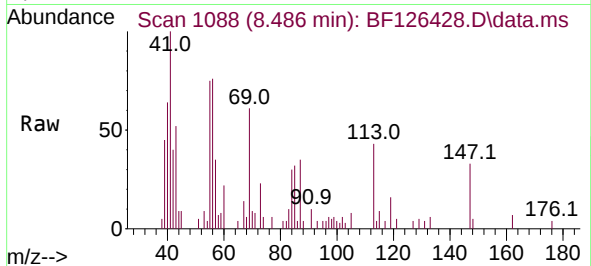
Tgt Ion:122 Resp: 5269
Ion Ratio Lower Upper
122 100
105 220.9 101.0 141.0#
77 239.7 74.5 114.5#



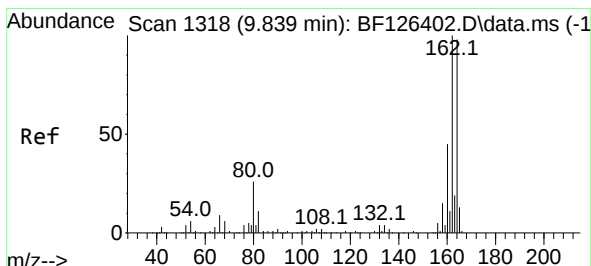
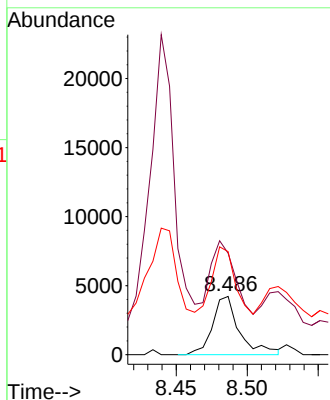
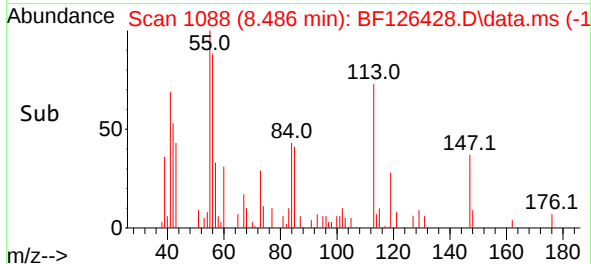


#35
 Caprolactam
 Concen: 4.006 ng
 RT: 8.486 min Scan# 1092
 Delta R.T. -0.023 min
 Lab File: BF126428.D
 Acq: 30 Dec 2021 19:56

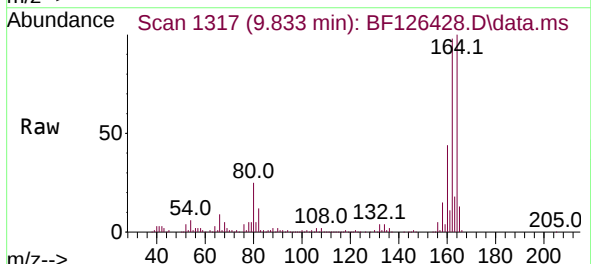
Instrument :
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 ClientSampleId :



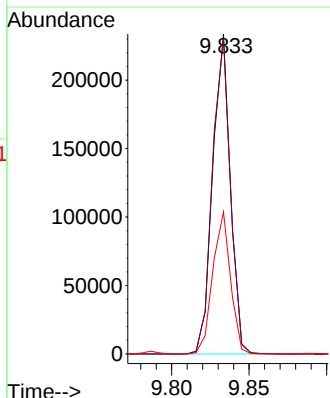
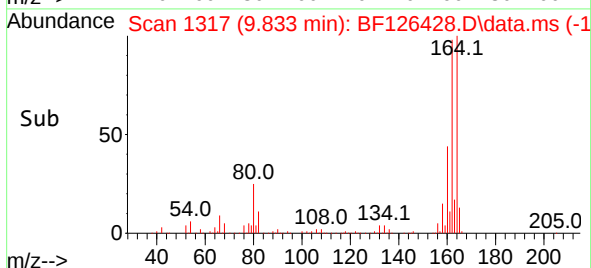
Tgt Ion:113 Resp: 5562
 Ion Ratio Lower Upper
 113 100
 55 174.0 183.9 223.9#
 56 176.7 129.9 169.9#

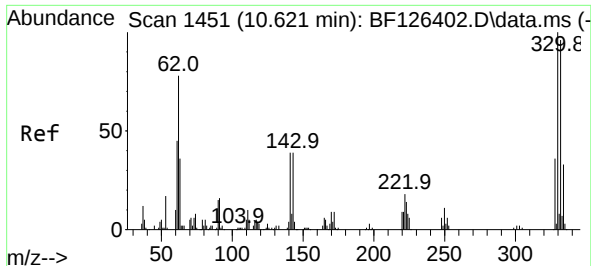


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.833 min Scan# 1317
 Delta R.T. -0.006 min
 Lab File: BF126428.D
 Acq: 30 Dec 2021 19:56



Tgt Ion:164 Resp: 184980
 Ion Ratio Lower Upper
 164 100
 162 98.4 81.4 122.0
 160 44.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 88.778 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

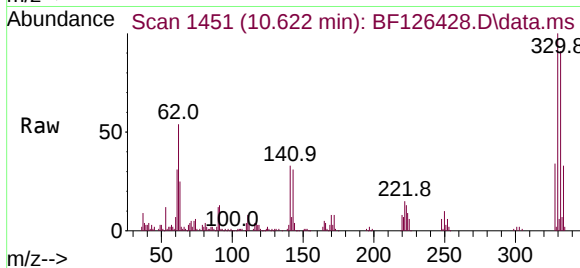
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Instrument :

BNA_F

ClientSampleId :



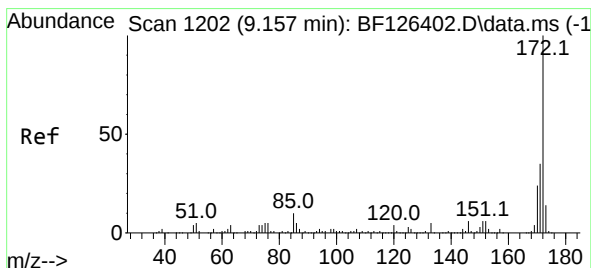
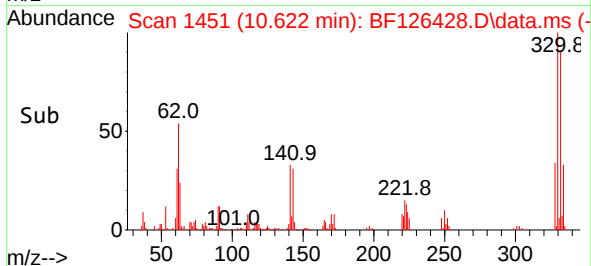
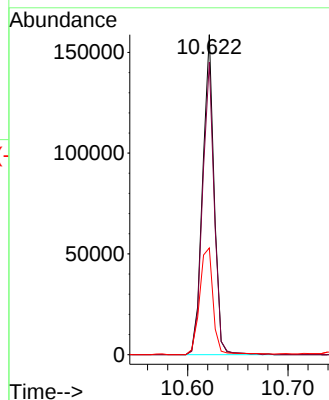
Tgt Ion:330 Resp: 126902

Ion Ratio Lower Upper

330 100

332 93.1 76.0 114.0

141 39.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 59.793 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF126428.D

Acq: 30 Dec 2021 19:56

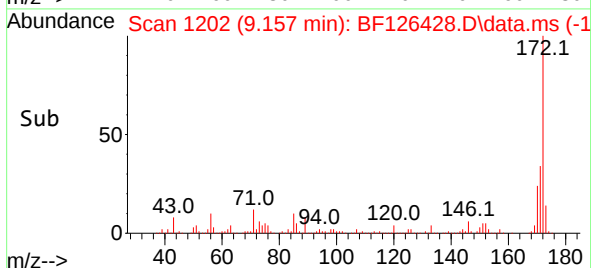
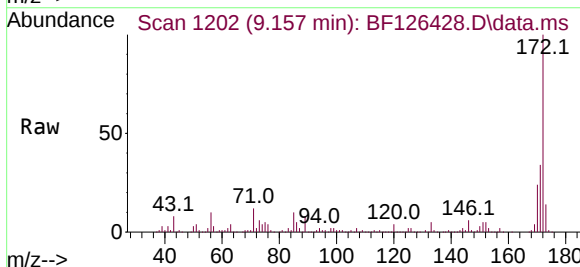
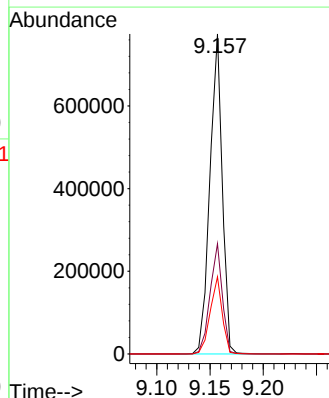
Tgt Ion:172 Resp: 628532

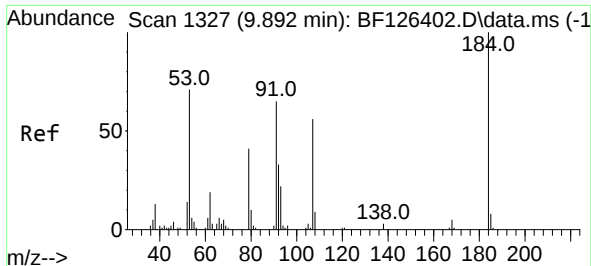
Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

170 24.1 19.0 28.6

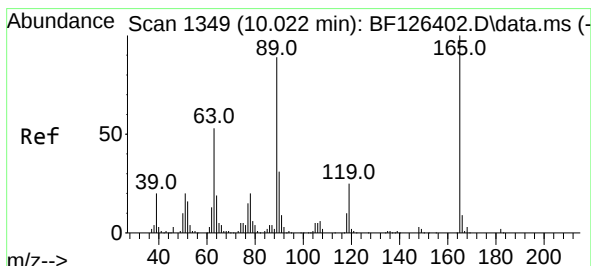
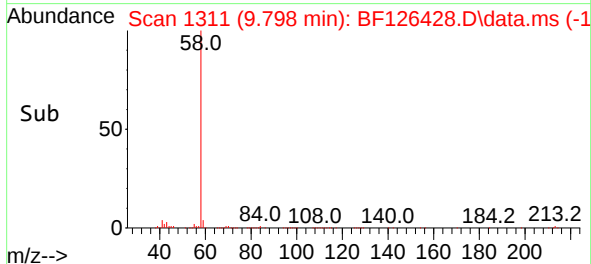
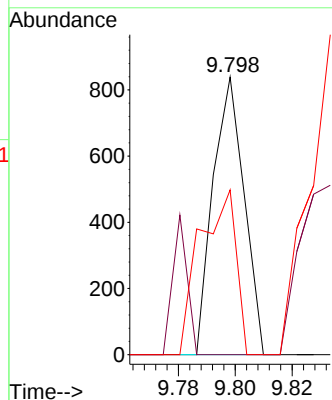
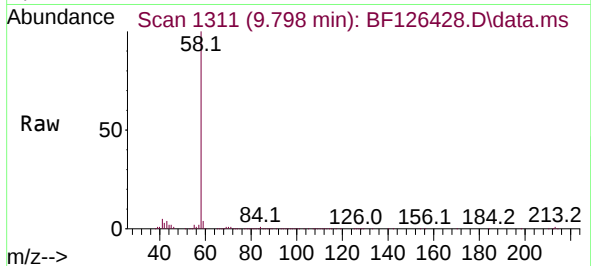




#54
2,4-Dinitrophenol
Concen: 4.476 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.094 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

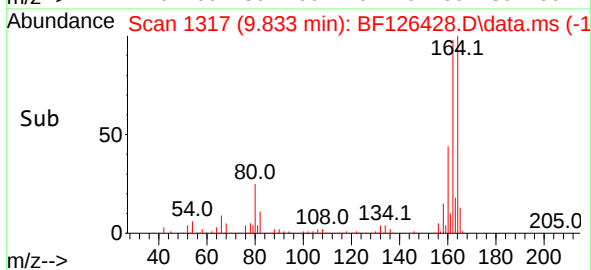
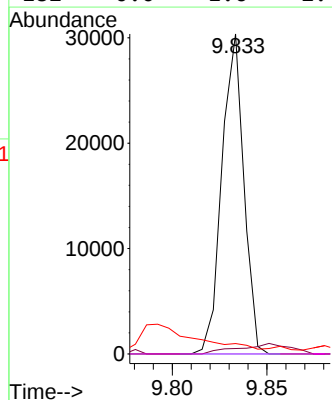
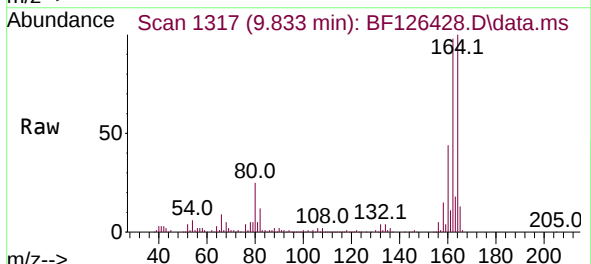
Instrument :
BNA_F
ClientSampleId :

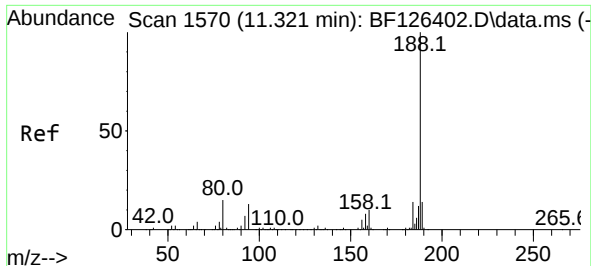
Tgt Ion:184 Resp: 637
Ion Ratio Lower Upper
184 100
63 0.0 70.4 105.6#
154 59.4 49.7 74.5



#57
2,4-Dinitrotoluene
Concen: 7.621 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

Tgt Ion:165 Resp: 24521
Ion Ratio Lower Upper
165 100
63 1.7 43.0 64.6#
89 3.2 71.0 106.4#
182 0.0 1.6 2.4#

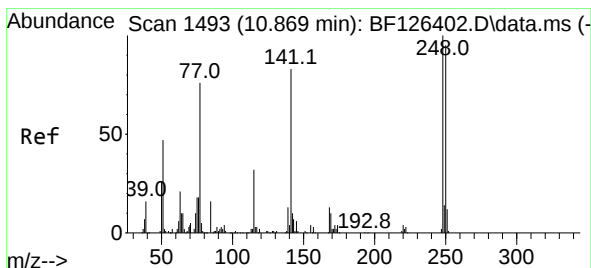
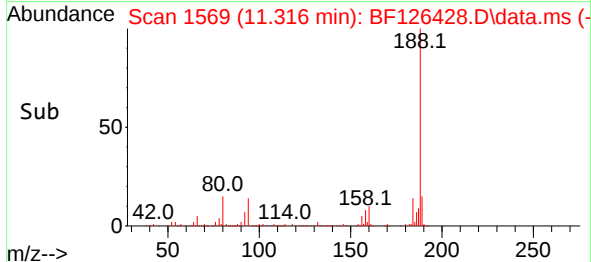
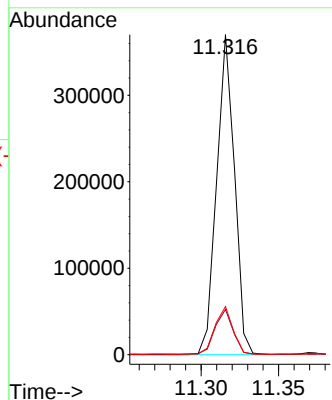
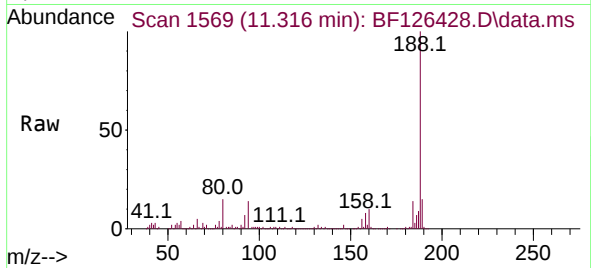




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

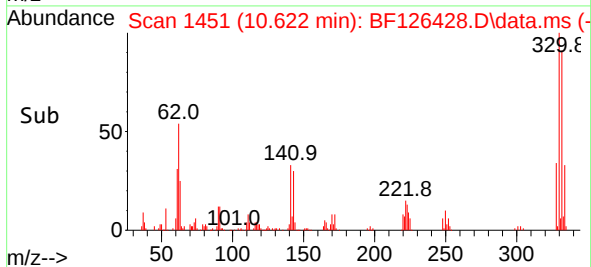
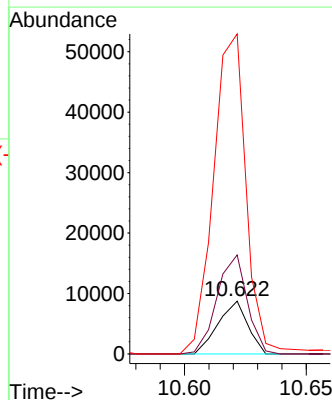
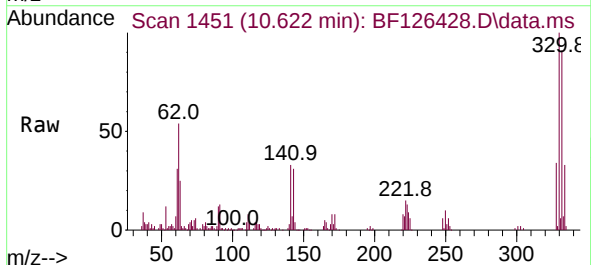
Instrument :
BNA_F
ClientSampleId :

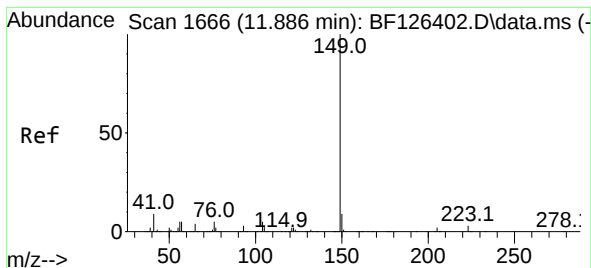
Tgt Ion:188 Resp: 295973
Ion Ratio Lower Upper
188 100
94 14.2 10.1 15.1
80 15.1 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 2.818 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

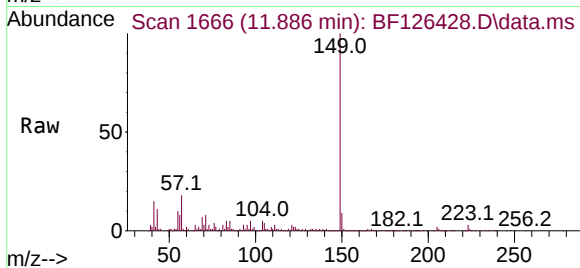
Tgt Ion:248 Resp: 7403
Ion Ratio Lower Upper
248 100
250 187.5 76.2 114.4#
141 606.1 66.2 99.4#



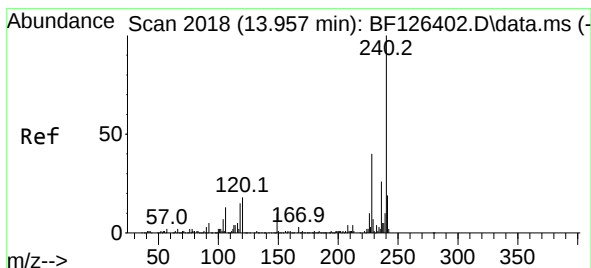
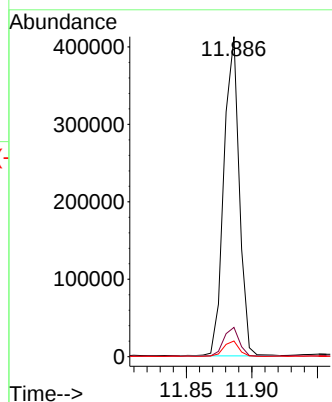
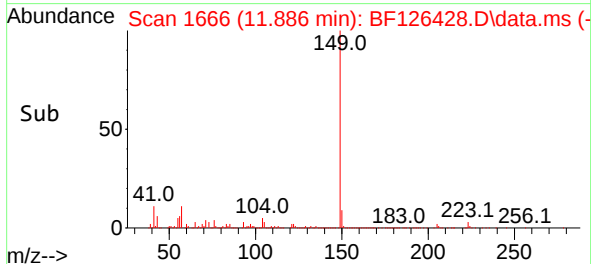


#74
Di-n-butylphthalate
Concen: 19.901 ng
RT: 11.886 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

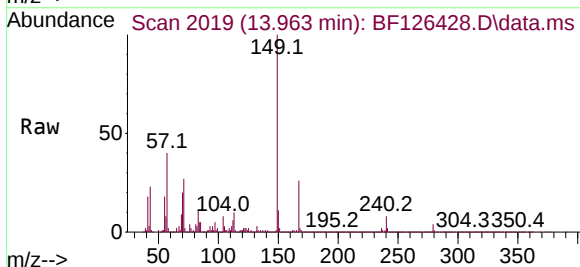
Instrument :
BNA_F
ClientSampleId :



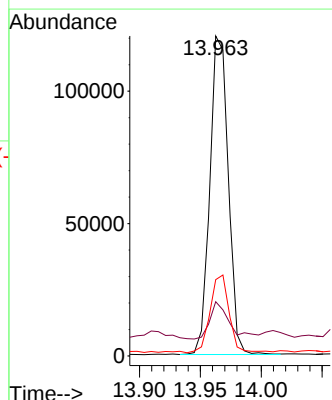
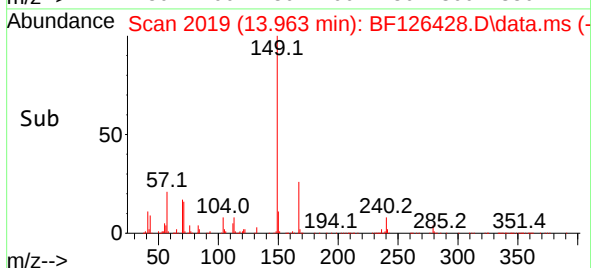
Tgt Ion:149 Resp: 335911
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 4.9 4.2 6.2

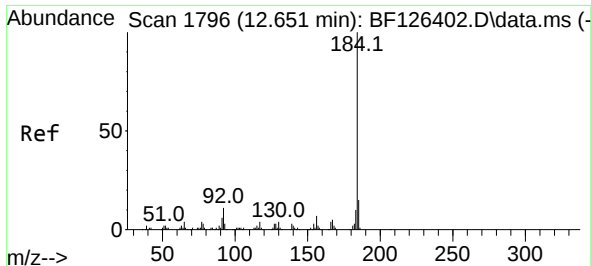


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56



Tgt Ion:240 Resp: 126974
Ion Ratio Lower Upper
240 100
120 16.9 14.4 21.6
236 23.9 20.5 30.7

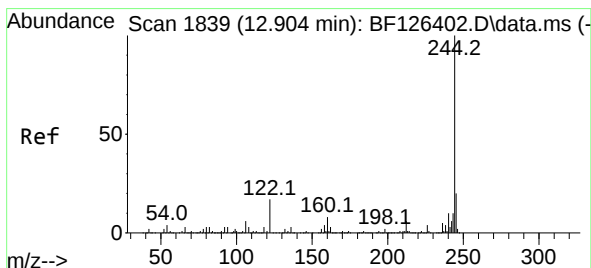
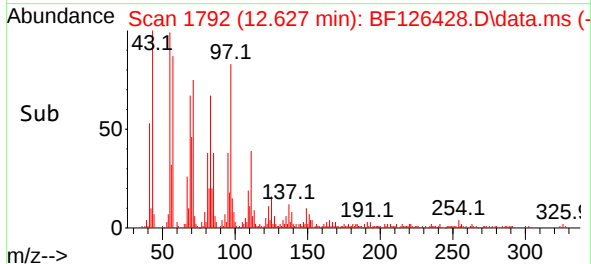
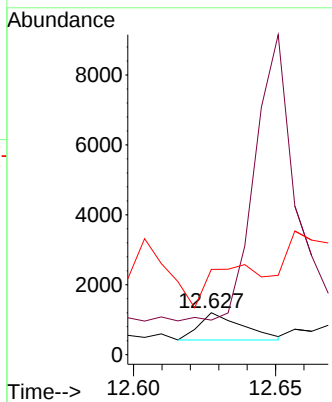
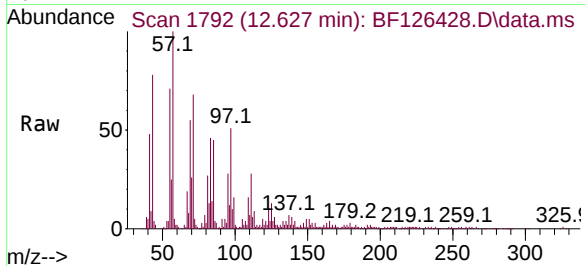




#77
Benzidine
Concen: Below Cal
RT: 12.627 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

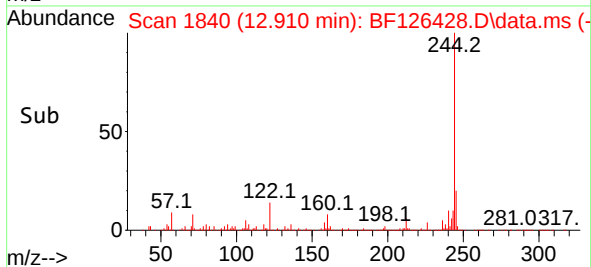
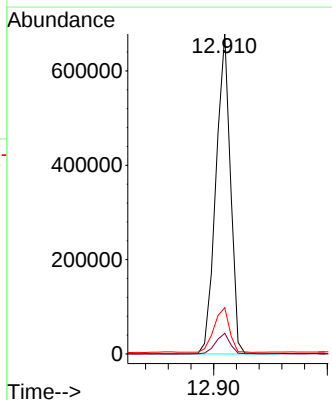
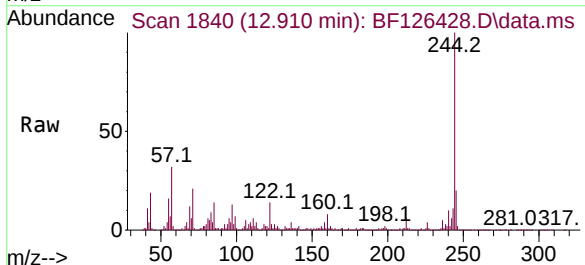
Instrument :
BNA_F
ClientSampleId :

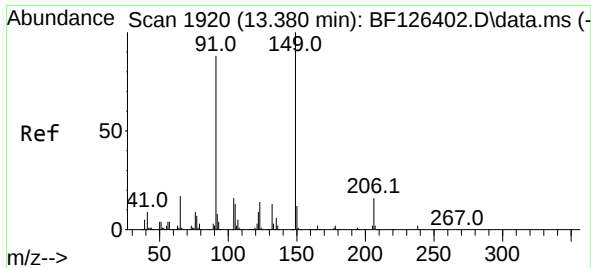
Tgt Ion:184 Resp: 831
Ion Ratio Lower Upper
184 100
185 82.5 11.8 17.8#
183 203.6 8.2 12.2#



#79
Terphenyl-d14
Concen: 92.005 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

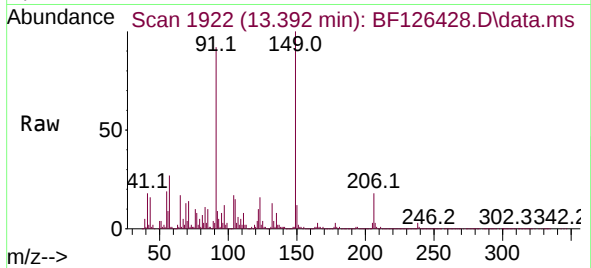
Tgt Ion:244 Resp: 601265
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 14.4 13.3 19.9



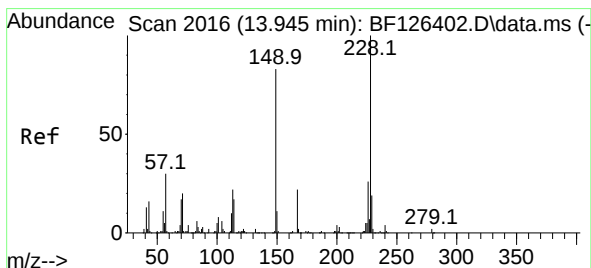
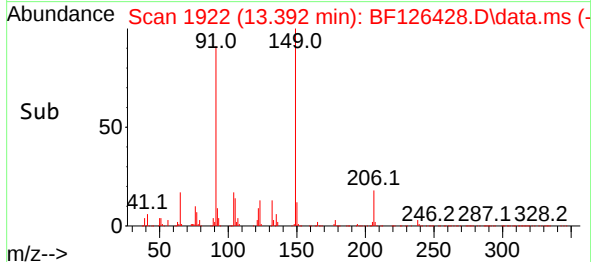
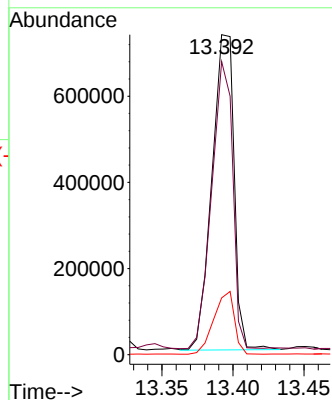


#80
Butylbenzylphthalate
Concen: 166.740 ng
RT: 13.392 min Scan# 1920
Delta R.T. 0.012 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

Instrument :
BNA_F
ClientSampleId :

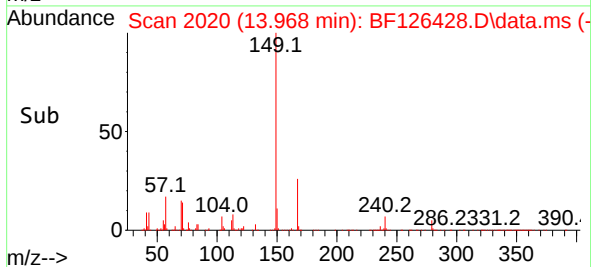
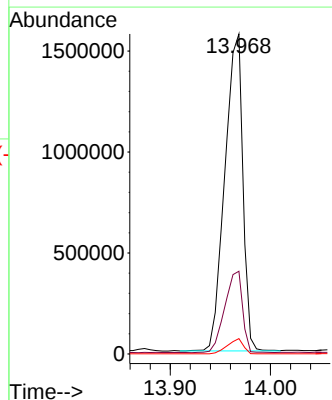
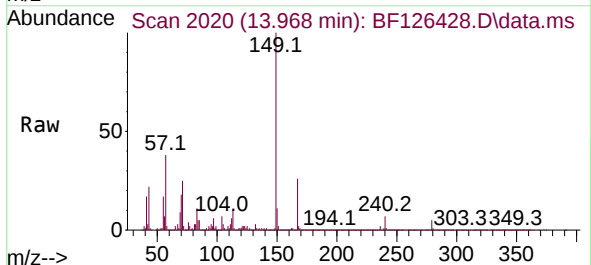


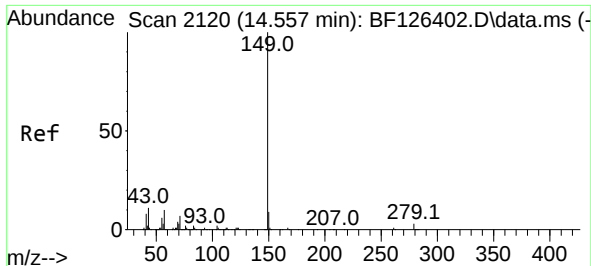
Tgt Ion:149 Resp: 792827
Ion Ratio Lower Upper
149 100
91 91.6 70.5 105.7
206 17.7 12.6 19.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 397.190 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.024 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

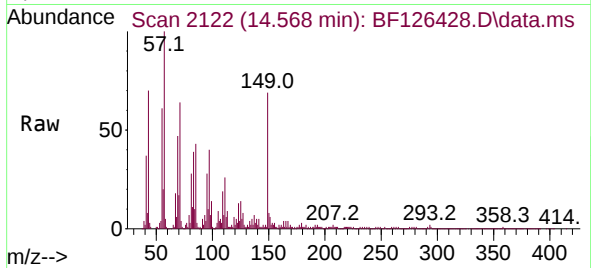
Tgt Ion:149 Resp: 1957236
Ion Ratio Lower Upper
149 100
167 25.8 21.4 32.2
279 4.8 2.4 3.6#



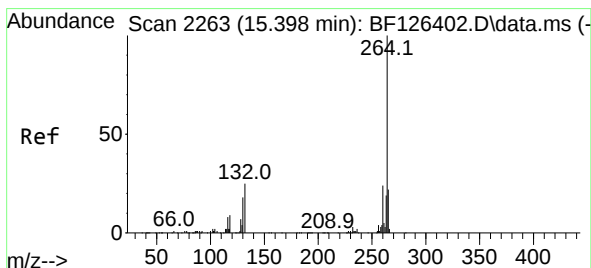
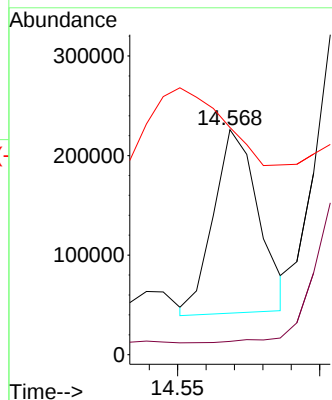
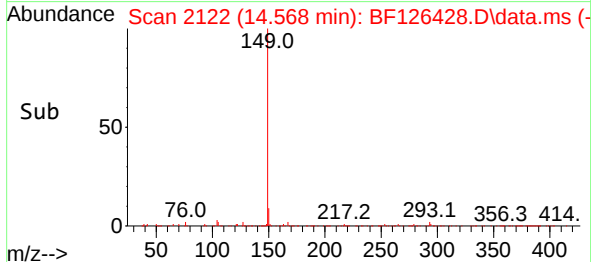


#85
Di-n-octyl phthalate
Concen: 23.797 ng
RT: 14.568 min Scan# 2120
Delta R.T. 0.012 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:149 Resp: 203371
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 0.0 9.9 14.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.024 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

Tgt Ion:264 Resp: 163768
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.3 17.4 26.2

