

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
 Data File : BF128620.D
 Acq On : 01 Jun 2022 12:51
 Operator : CG\JU
 Sample : N2984-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P014-SS002-1218-01

Quant Time: Jun 02 04:35:44 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)

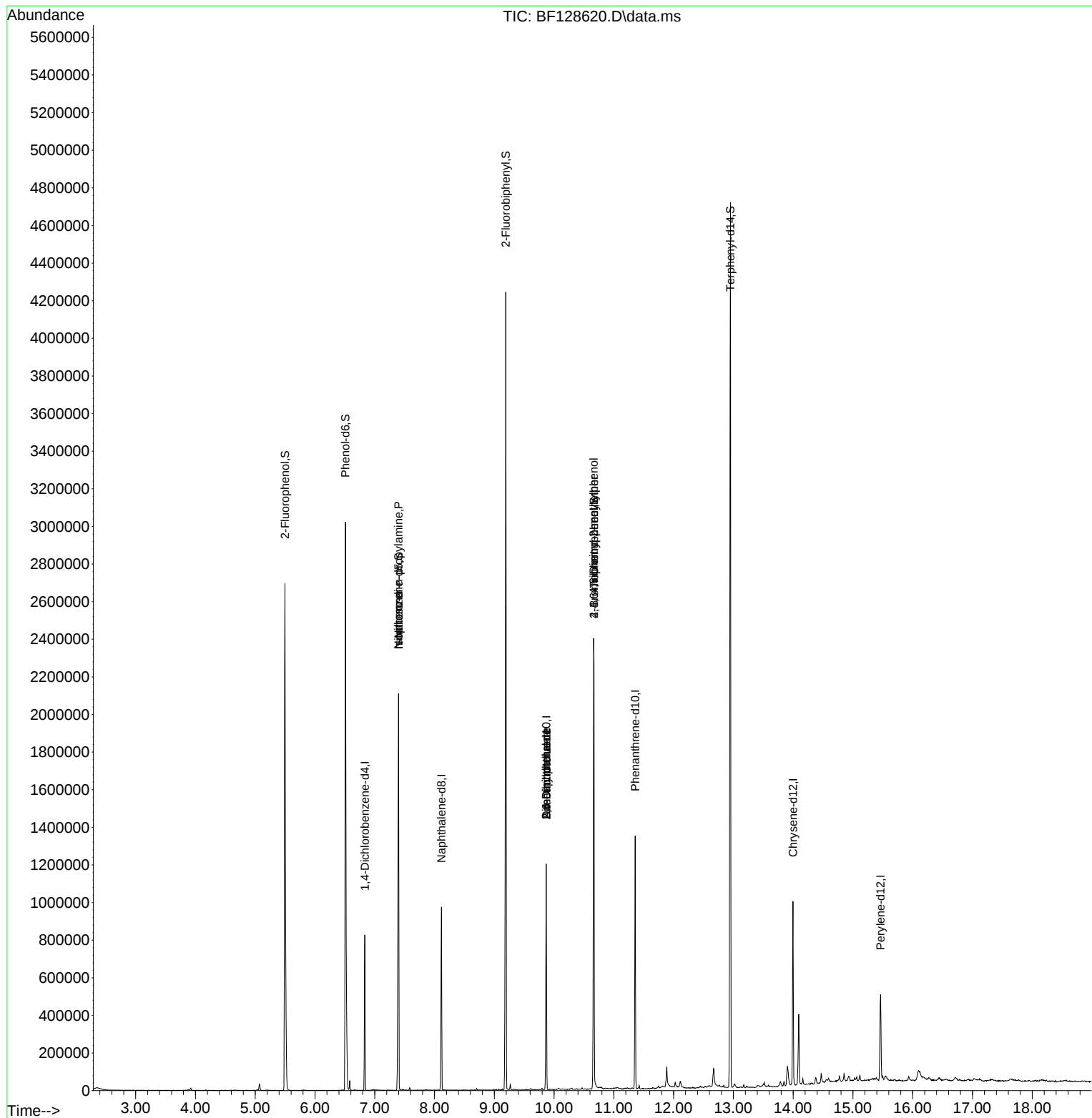
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	105087	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	394865	20.000	ng	#-0.01
39) Acenaphthene-d10	9.869	164	224394	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	431762	20.000	ng	#-0.01
76) Chrysene-d12	13.998	240	307488	20.000	ng	#-0.01
86) Perylene-d12	15.462	264	210373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	745018	117.431	ng	0.05
7) Phenol-d6	6.510	99	974112	120.422	ng	0.04
23) Nitrobenzene-d5	7.398	82	683647	99.878	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	304407	142.523	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1305940	94.552	ng	-0.01
79) Terphenyl-d14	12.951	244	1600544	100.563	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.381	77	74	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	96977	19.553	ng	# 78
25) Isophorone	7.398	82	681543	53.975	ng	# 65
50) Dimethylphthalate	9.869	163	39907	2.742	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	29240	10.961	ng	# 26
57) 2,4-Dinitrotoluene	9.869	165	29240	9.162	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	797	5.856	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	20016	4.487	ng	# 1

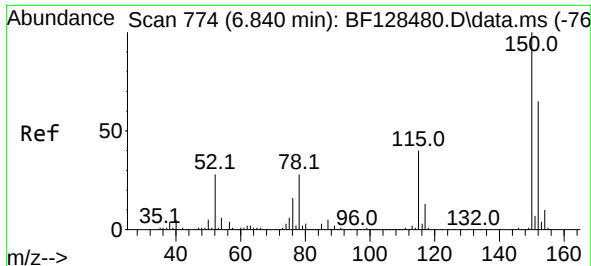
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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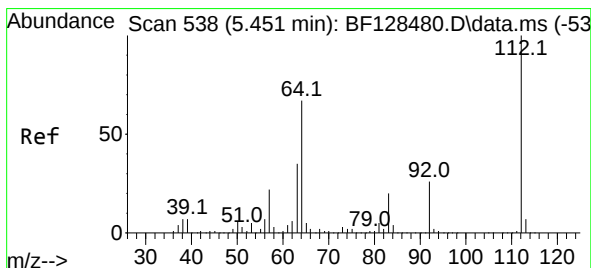
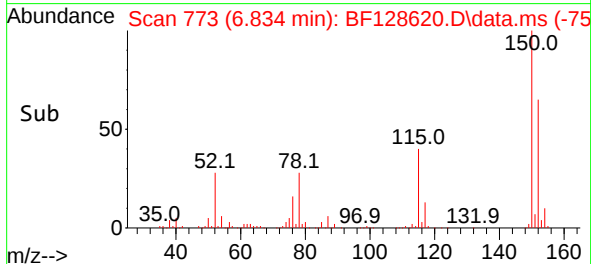
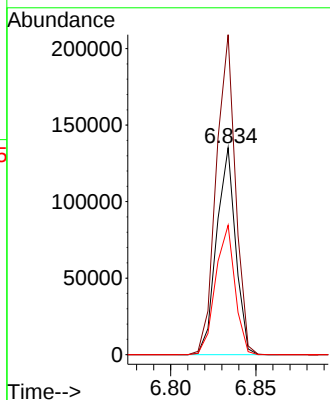
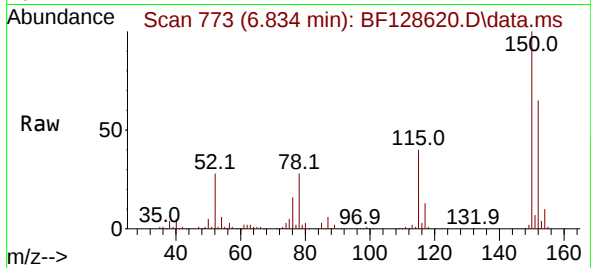




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

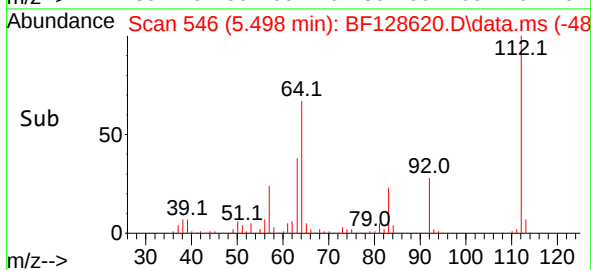
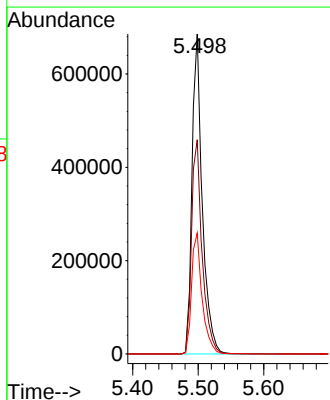
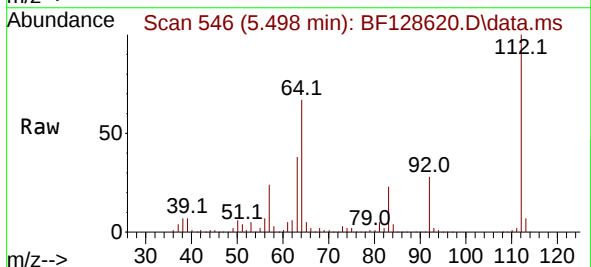
Instrument :
BNA_F
ClientSampleId :
P014-SS002-1218-01

Tgt Ion:152 Resp: 105087
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 62.5 49.9 74.9



#5
2-Fluorophenol
Concen: 117.431 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.047 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

Tgt Ion:112 Resp: 745018
Ion Ratio Lower Upper
112 100
64 67.0 53.3 79.9
63 37.8 28.0 42.0

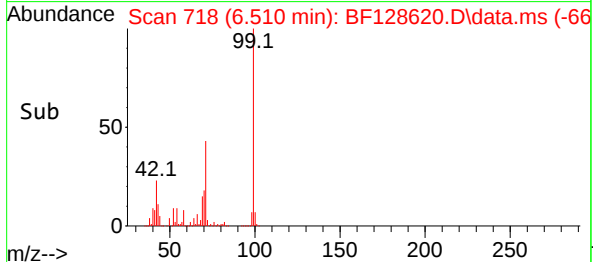
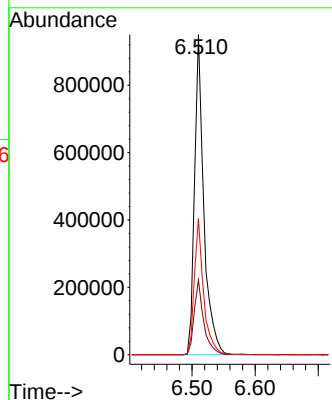
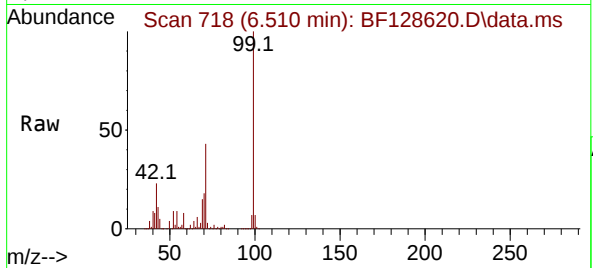




#7
Phenol-d6
Concen: 120.422 ng
RT: 6.510 min Scan# 711
Delta R.T. 0.041 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

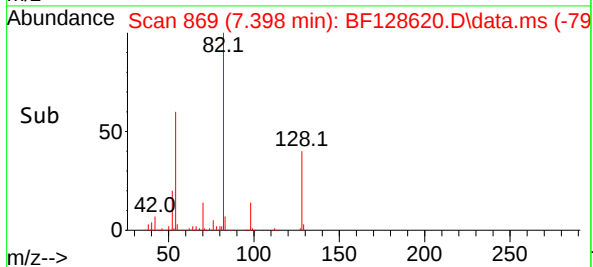
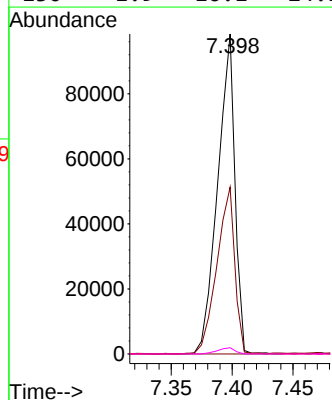
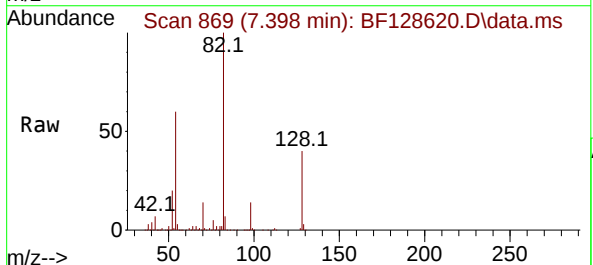
Instrument :
BNA_F
ClientSampleId :
P014-SS002-1218-01

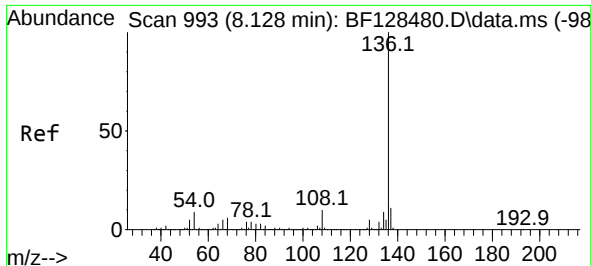
Tgt Ion: 99 Resp: 974112
Ion Ratio Lower Upper
99 100
42 23.4 17.3 25.9
71 42.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.553 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

Tgt Ion: 70 Resp: 96977
Ion Ratio Lower Upper
70 100
42 52.2 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 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: BF128620.D

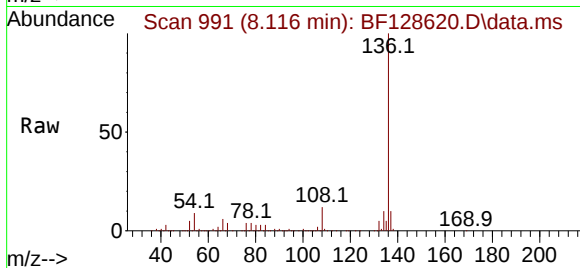
Acq: 01 Jun 2022 12:51

Instrument :

BNA_F

ClientSampleId :

P014-SS002-1218-01



Tgt Ion:136 Resp: 394865

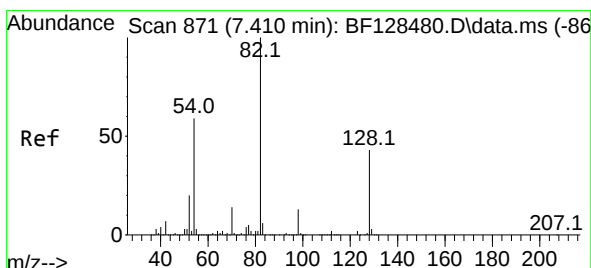
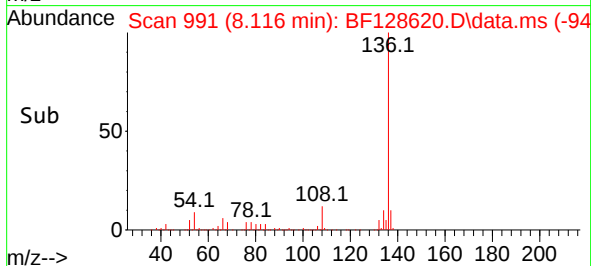
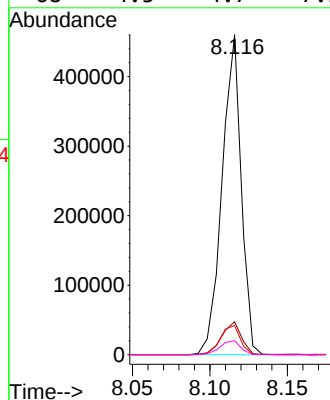
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 9.1 7.5 11.3

68 4.3 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 99.878 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF128620.D

Acq: 01 Jun 2022 12:51

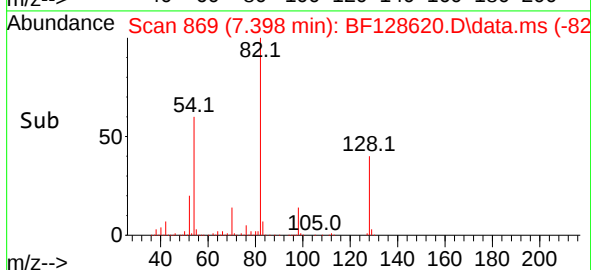
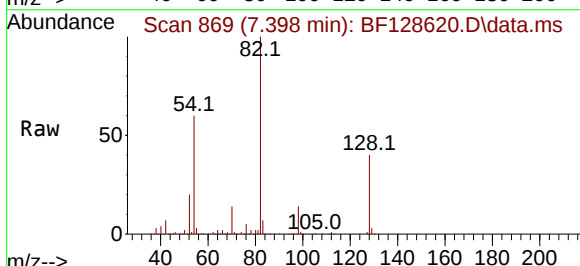
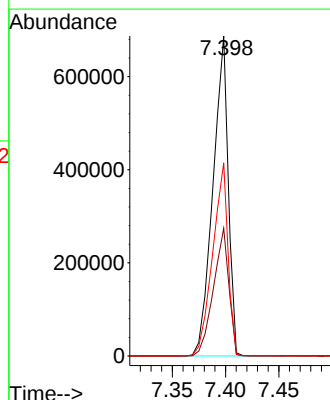
Tgt Ion: 82 Resp: 683647

Ion Ratio Lower Upper

82 100

128 39.9 34.0 51.0

54 60.3 46.9 70.3

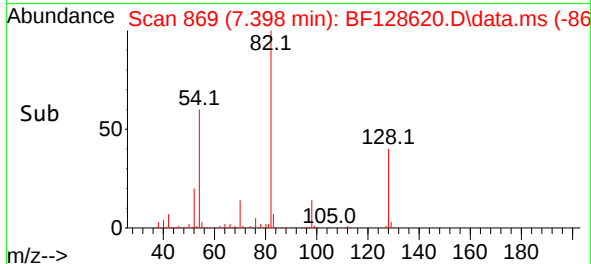
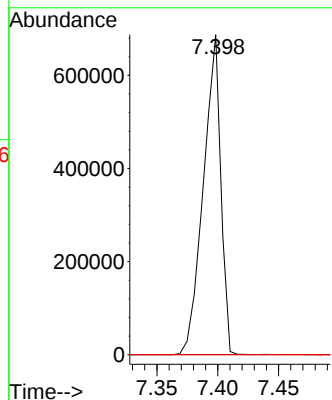
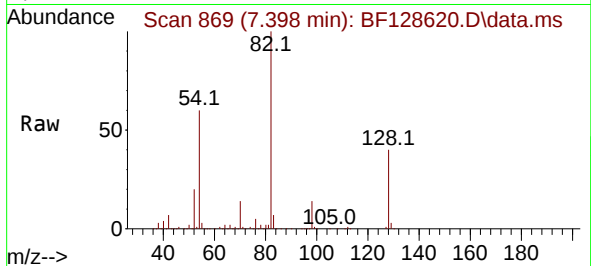




#25
Isophorone
Concen: 53.975 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

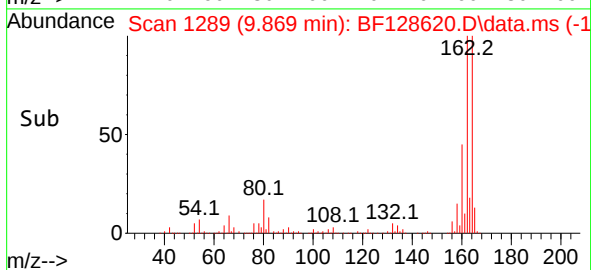
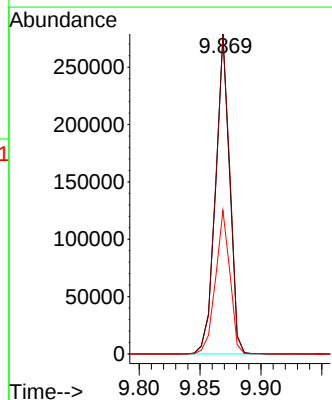
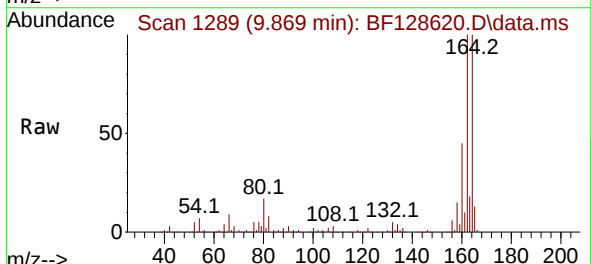
Instrument :
BNA_F
ClientSampleId :
P014-SS002-1218-01

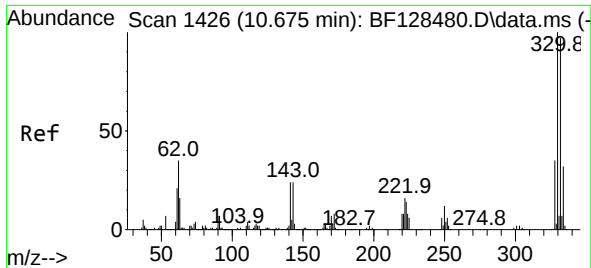
Tgt Ion: 82 Resp: 681543
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

Tgt Ion: 164 Resp: 224394
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 142.523 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF128620.D

Acq: 01 Jun 2022 12:51

Instrument :

BNA_F

ClientSampleId :

P014-SS002-1218-01

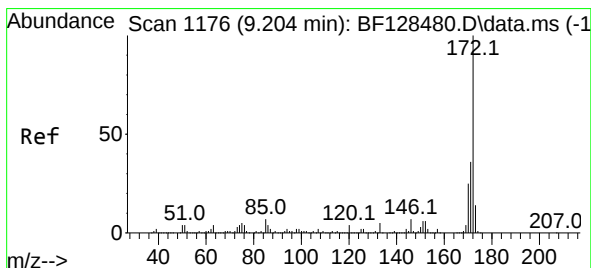
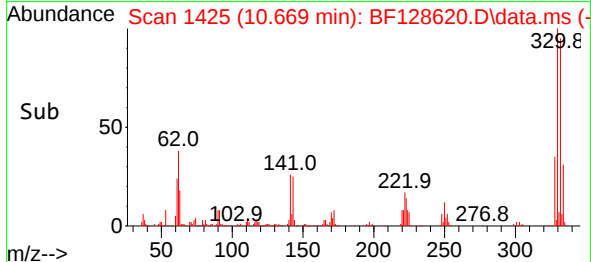
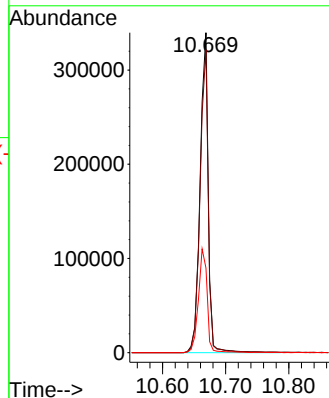
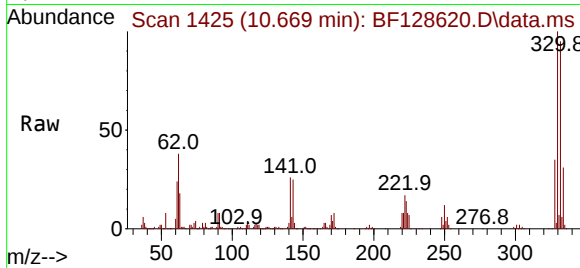
Tgt Ion:330 Resp: 304407

Ion Ratio Lower Upper

330 100

332 95.0 76.8 115.2

141 34.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 94.552 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BF128620.D

Acq: 01 Jun 2022 12:51

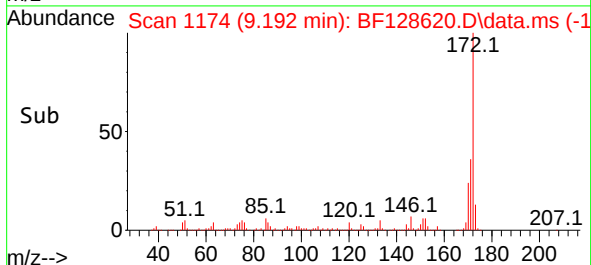
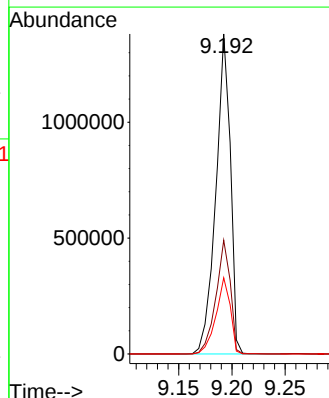
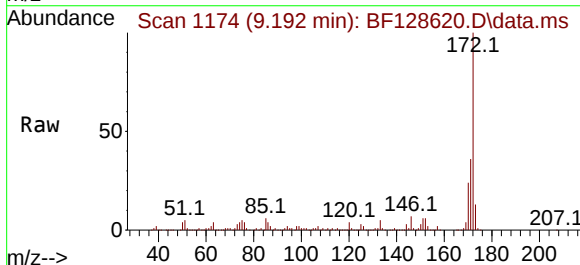
Tgt Ion:172 Resp: 1305940

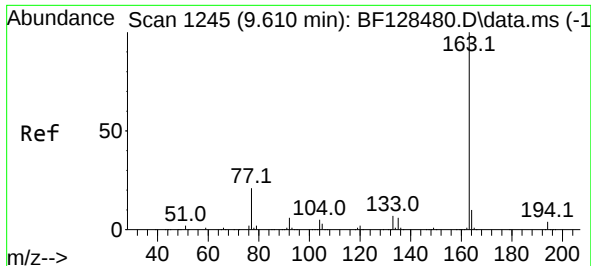
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.8 19.8 29.8

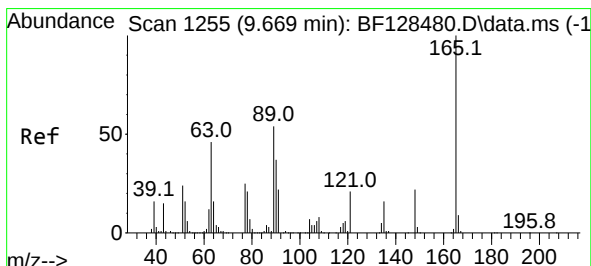
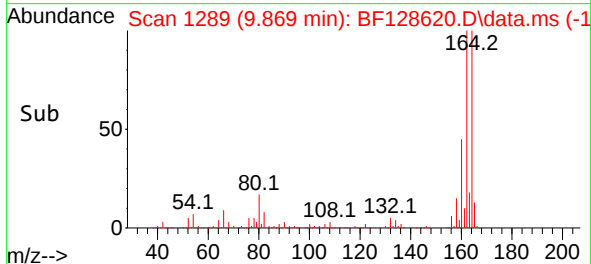
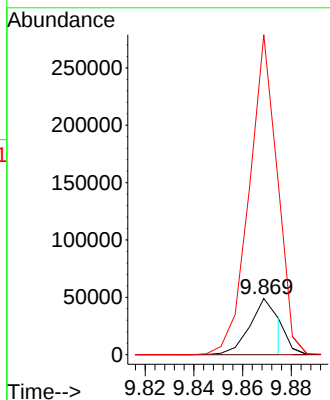
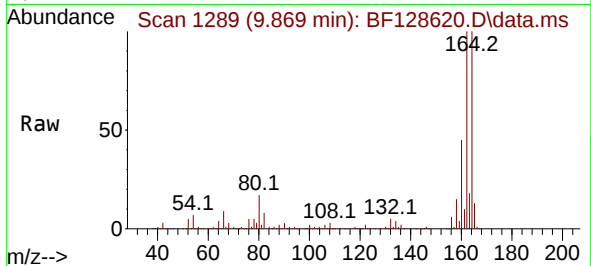




#50
Dimethylphthalate
Concen: 2.742 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.259 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

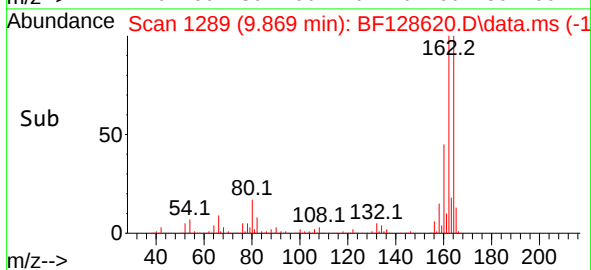
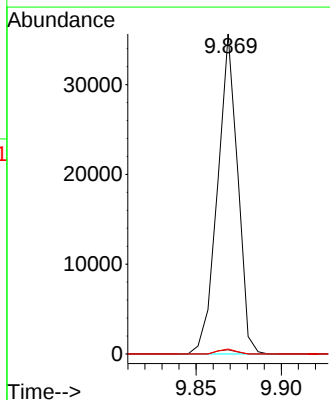
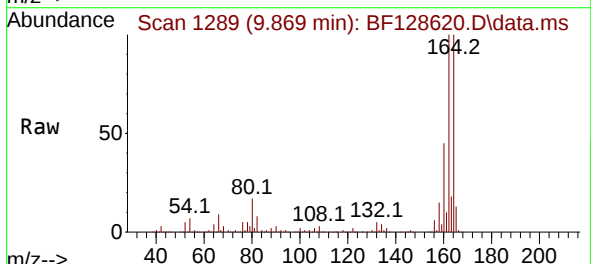
Instrument :
BNA_F
ClientSampleId :
P014-SS002-1218-01

Tgt Ion:163 Resp: 39907
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 569.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.961 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

Tgt Ion:165 Resp: 29240
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.5 43.6 65.4#

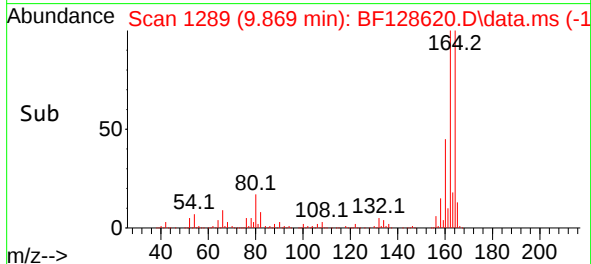
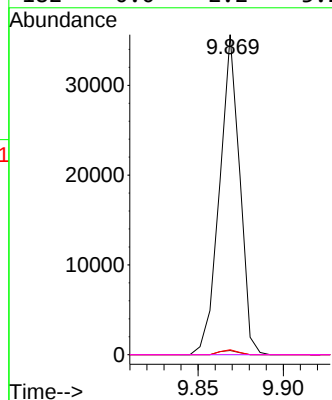
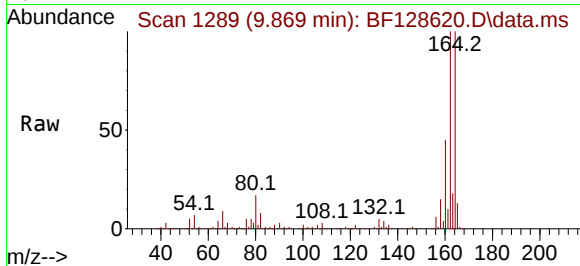




#57
2,4-Dinitrotoluene
Concen: 9.162 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

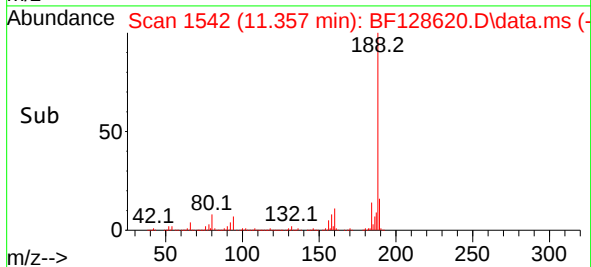
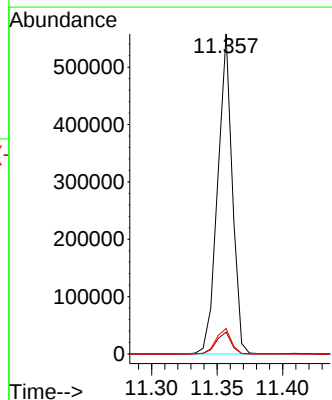
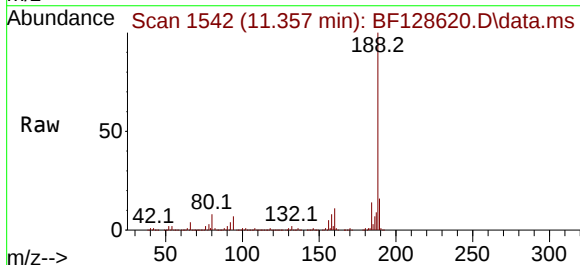
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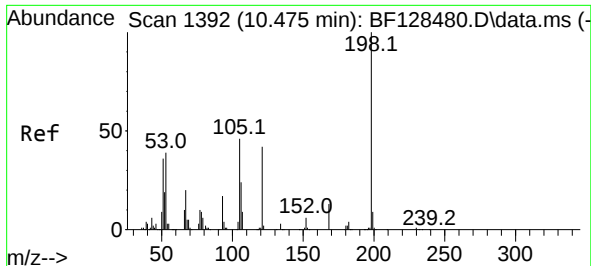
Tgt Ion:165 Resp: 29240
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1542
Delta R.T. -0.012 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

Tgt Ion:188 Resp: 431762
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.6#
80 8.0 7.6 11.4

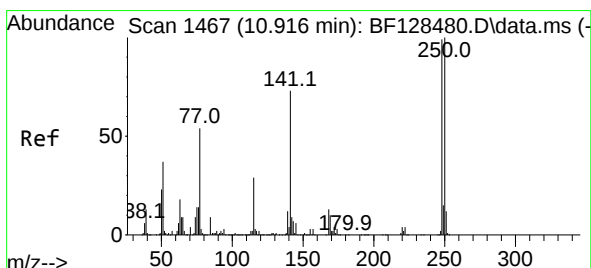
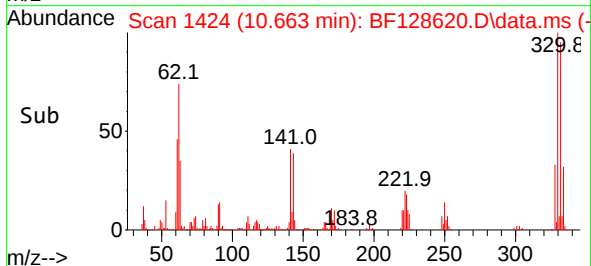
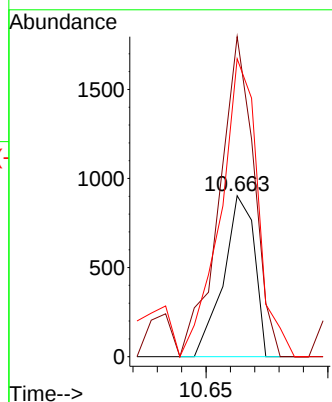
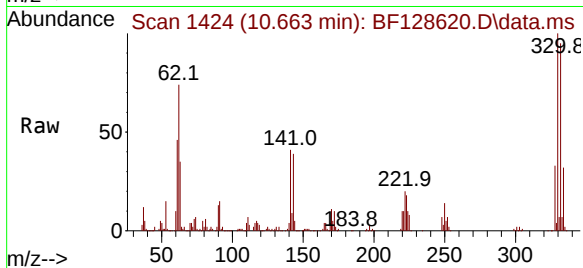




#65
4,6-Dinitro-2-methylphenol
Concen: 5.856 ng
RT: 10.663 min Scan# 141
Delta R.T. 0.188 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

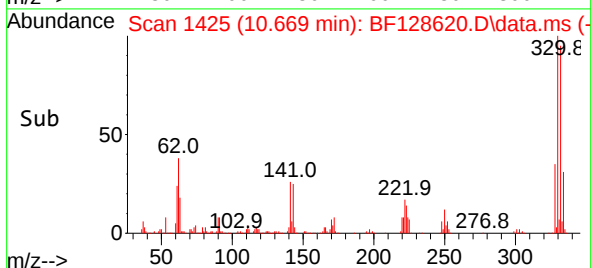
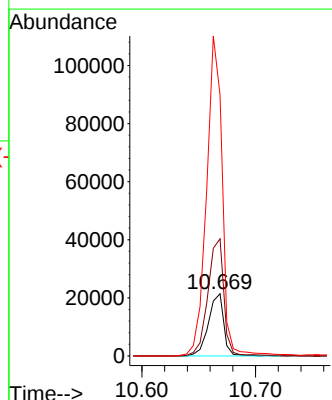
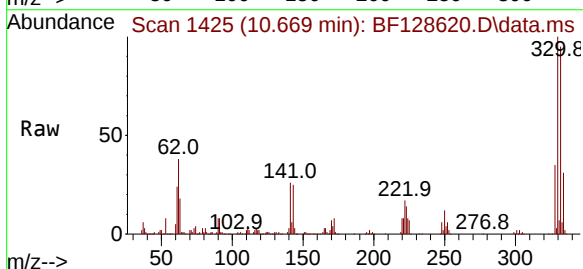
Instrument :
BNA_F
ClientSampleId :
P014-SS002-1218-01

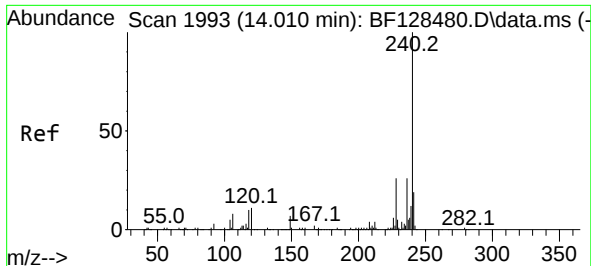
Tgt Ion:198 Resp: 797
Ion Ratio Lower Upper
198 100
51 198.9 37.6 77.6#
105 185.2 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.487 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.247 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

Tgt Ion:248 Resp: 20016
Ion Ratio Lower Upper
248 100
250 188.3 80.6 120.8#
141 419.6 58.9 88.3#

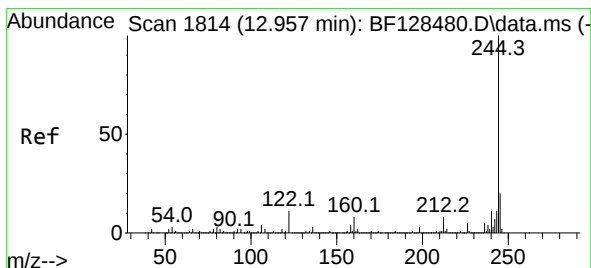
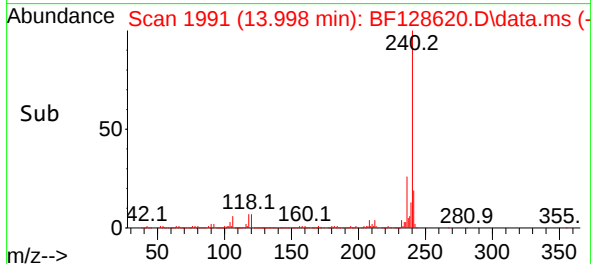
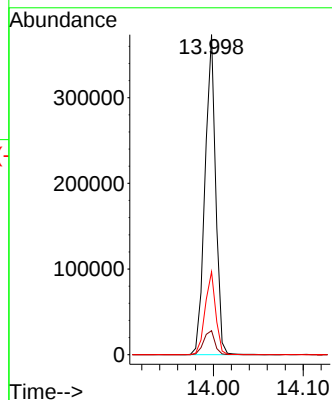
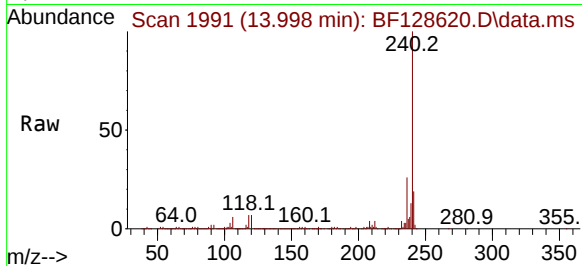




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

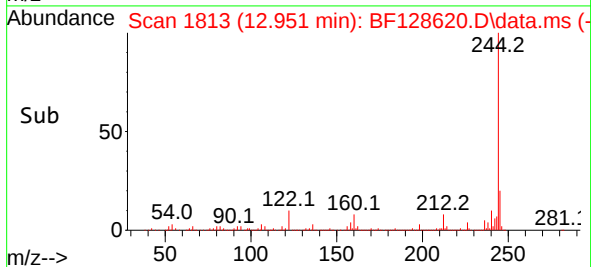
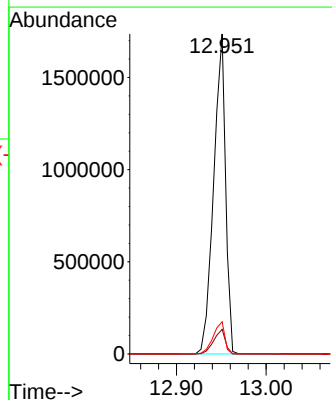
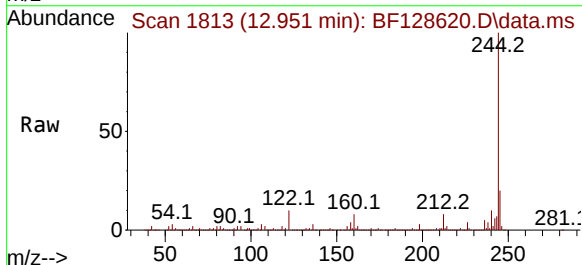
Instrument :
BNA_F
ClientSampleId :
P014-SS002-1218-01

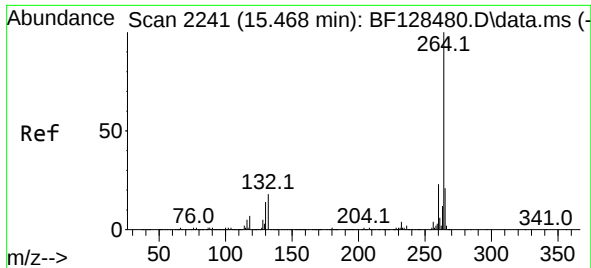
Tgt Ion:240 Resp: 307488
Ion Ratio Lower Upper
240 100
120 7.5 8.9 13.3#
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 100.563 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

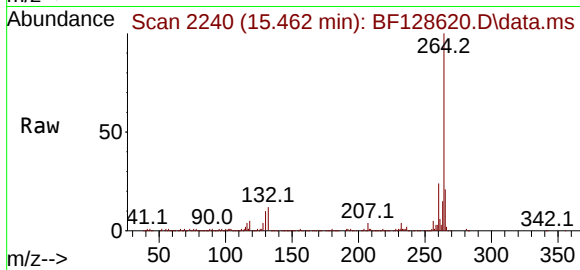
Tgt Ion:244 Resp: 1600544
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 10.0 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

Instrument :
BNA_F
ClientSampleId :
P014-SS002-1218-01



Tgt Ion:264 Resp: 210373

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	21.2	17.2	25.8

