

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
 Data File : BF128626.D
 Acq On : 01 Jun 2022 16:55
 Operator : CG\JU
 Sample : N2953-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P043-SS001-1218-01

Quant Time: Jun 02 09:36:46 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)

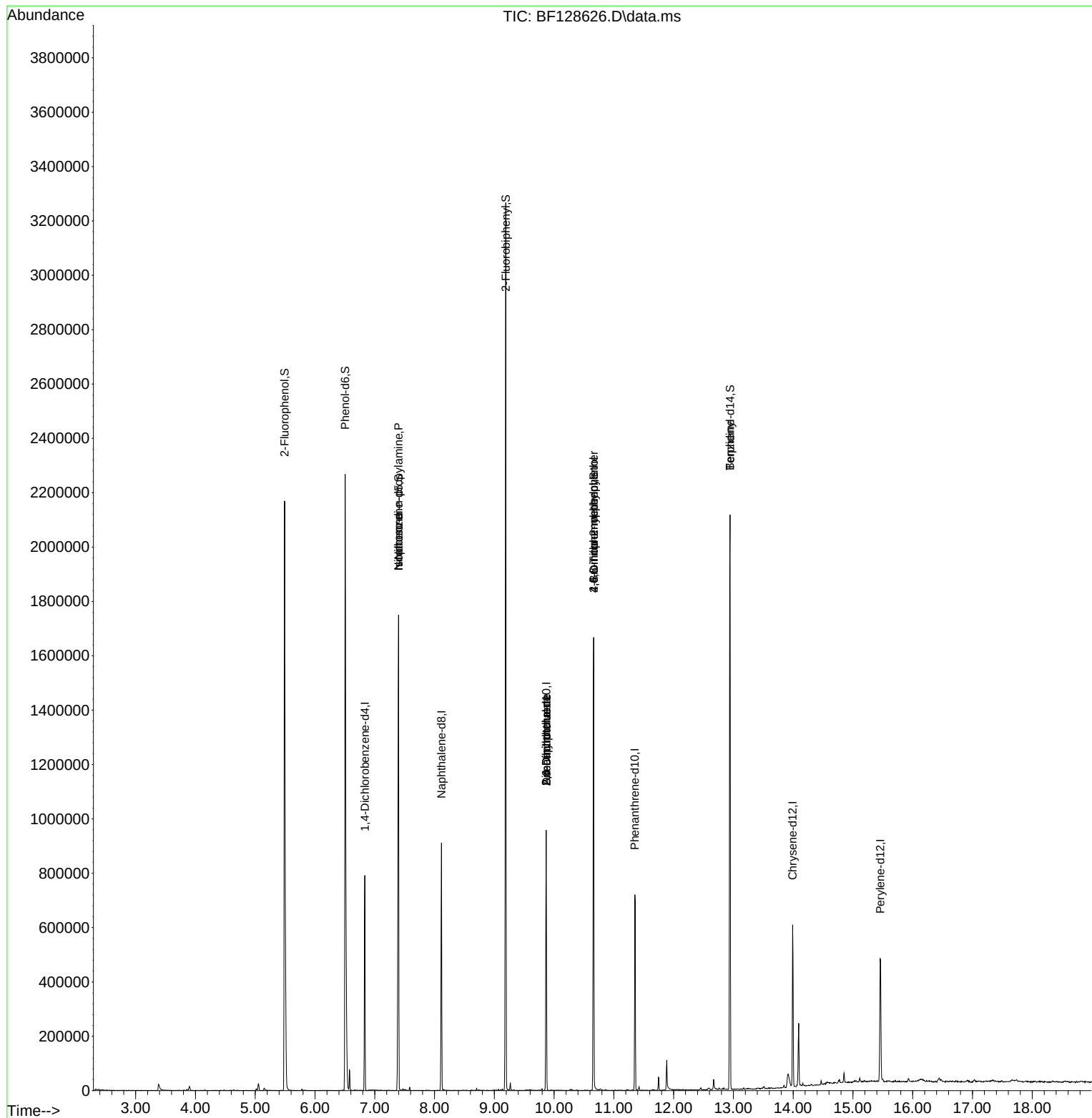
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	99864	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	355322	20.000	ng	#-0.01
39) Acenaphthene-d10	9.869	164	172701	20.000	ng	-0.01
64) Phenanthrene-d10	11.351	188	274025	20.000	ng	-0.02
76) Chrysene-d12	13.992	240	198199	20.000	ng	#-0.02
86) Perylene-d12	15.456	264	209576	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	603520	100.104	ng	0.04
7) Phenol-d6	6.504	99	784009	101.990	ng	0.04
23) Nitrobenzene-d5	7.398	82	551803	89.588	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	184239	112.080	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	893932	84.095	ng	-0.01
79) Terphenyl-d14	12.945	244	711125	69.317	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1582	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	77776	16.502	ng	# 77
25) Isophorone	7.398	82	551366	48.525	ng	# 65
50) Dimethylphthalate	9.869	163	30584	2.730	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	21702	10.570	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	21702	8.835	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	482	5.839	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	12468	4.404	ng	# 1
77) Benzidine	12.945	184	10635	2.326	ng	# 89

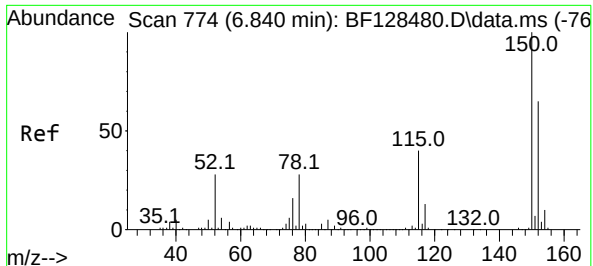
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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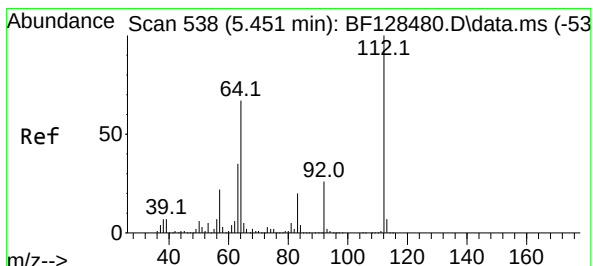
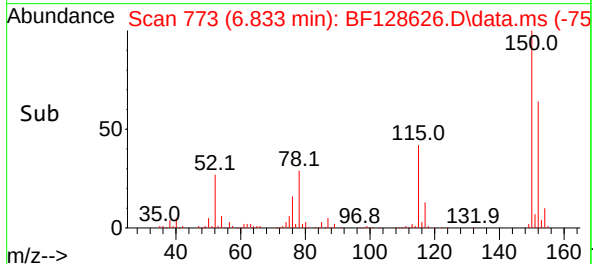
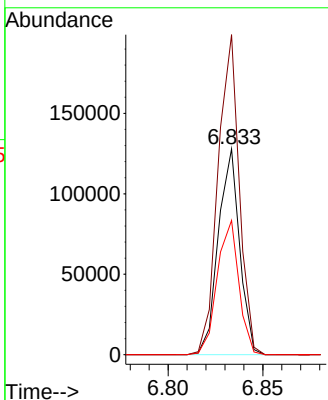
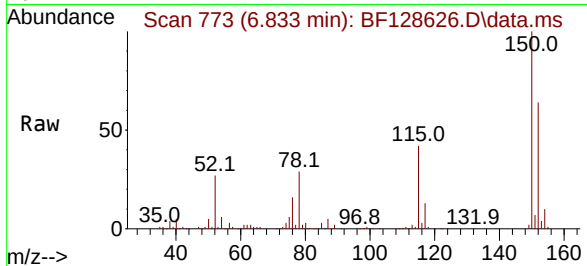




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

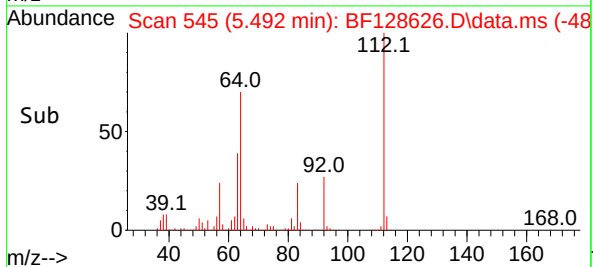
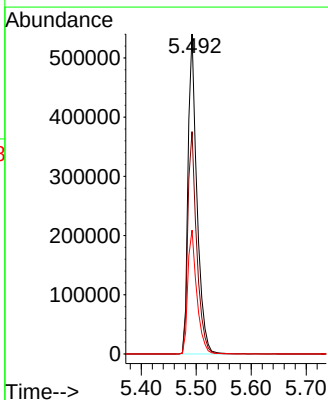
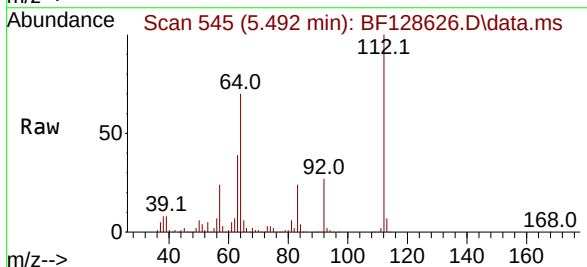
Instrument :
BNA_F
ClientSampleId :
P043-SS001-1218-01

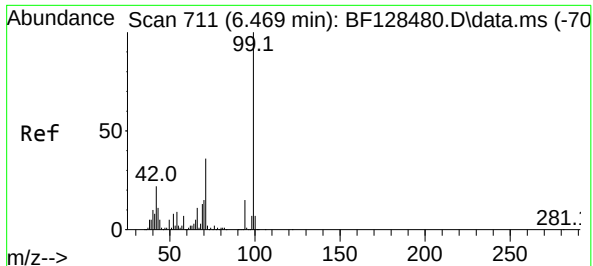
Tgt Ion:152 Resp: 99864
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 65.2 49.9 74.9



#5
2-Fluorophenol
Concen: 100.104 ng
RT: 5.492 min Scan# 545
Delta R.T. 0.041 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

Tgt Ion:112 Resp: 603520
Ion Ratio Lower Upper
112 100
64 69.5 53.3 79.9
63 38.7 28.0 42.0

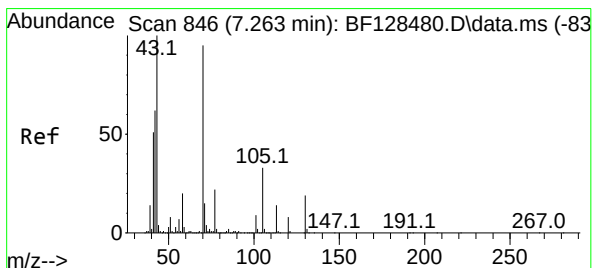
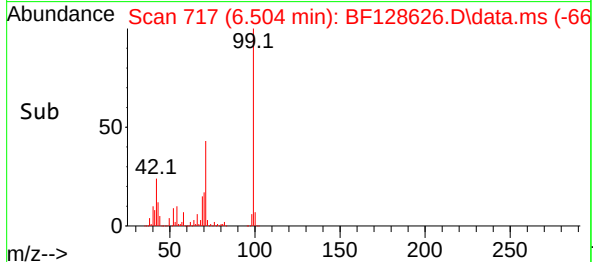
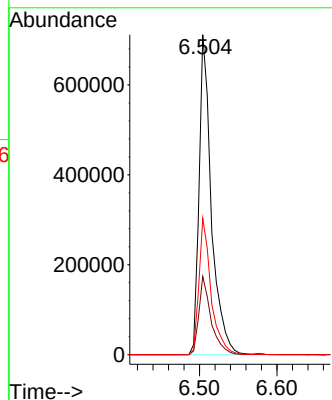
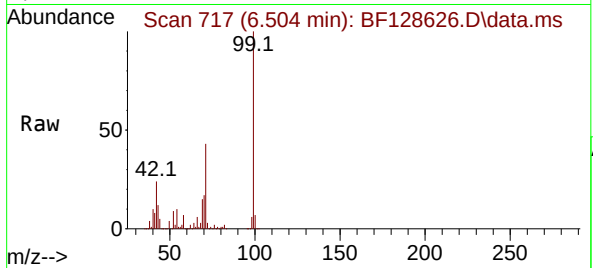




#7
Phenol-d6
Concen: 101.990 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.035 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

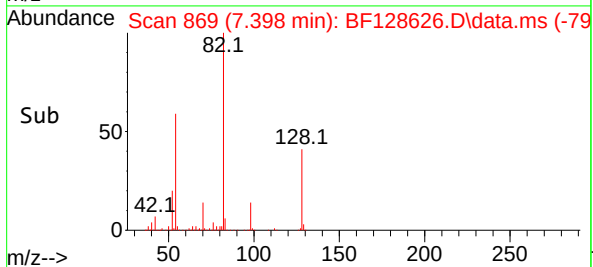
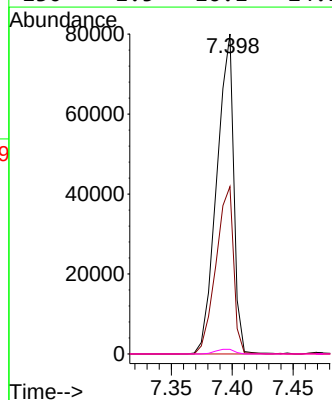
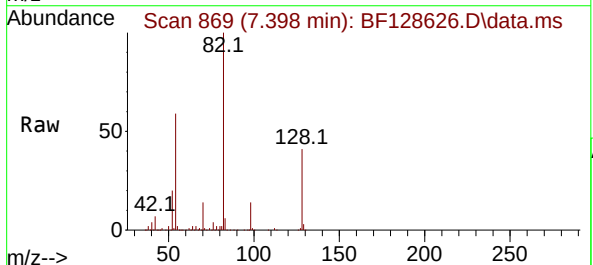
Instrument :
BNA_F
ClientSampleId :
P043-SS001-1218-01

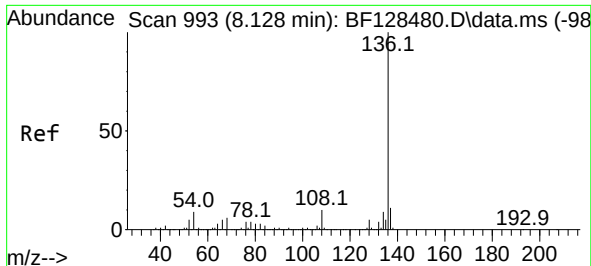
Tgt Ion: 99 Resp: 784009
Ion Ratio Lower Upper
99 100
42 24.4 17.3 25.9
71 42.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.502 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

Tgt Ion: 70 Resp: 77776
Ion Ratio Lower Upper
70 100
42 52.3 52.3 78.5#
101 0.0 7.5 11.3#
130 1.5 16.1 24.1#

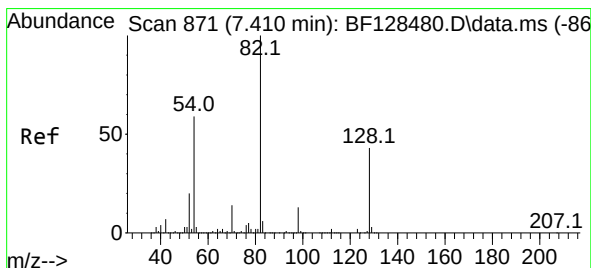
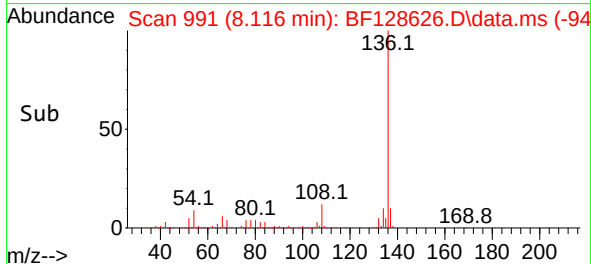
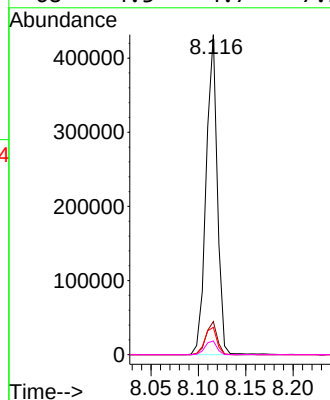
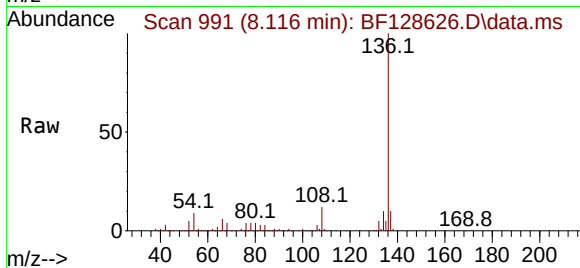




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

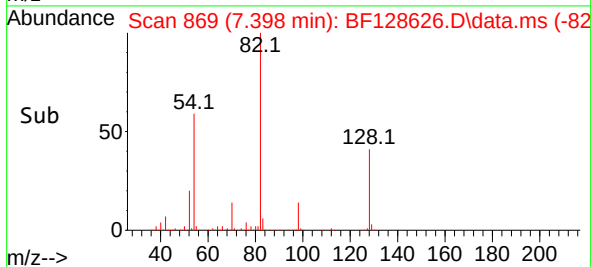
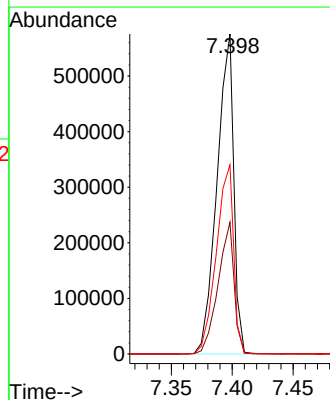
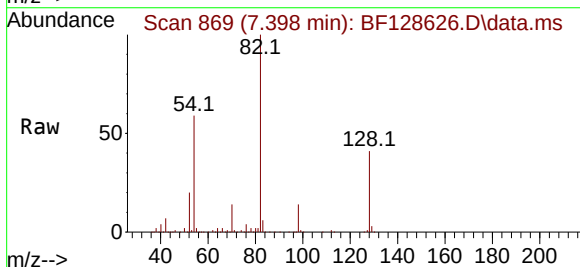
Instrument :
BNA_F
ClientSampleId :
P043-SS001-1218-01

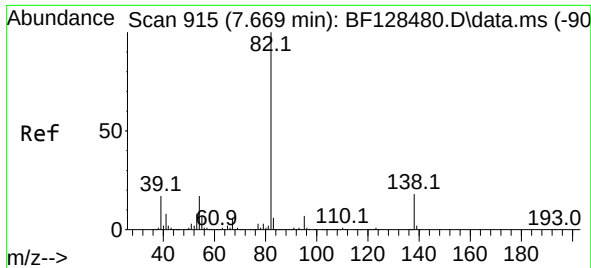
Tgt Ion:136 Resp: 355322
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.6 7.5 11.3
68 4.3 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 89.588 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

Tgt Ion: 82 Resp: 551803
Ion Ratio Lower Upper
82 100
128 41.1 34.0 51.0
54 59.1 46.9 70.3

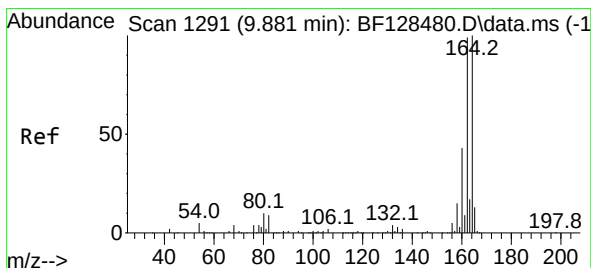
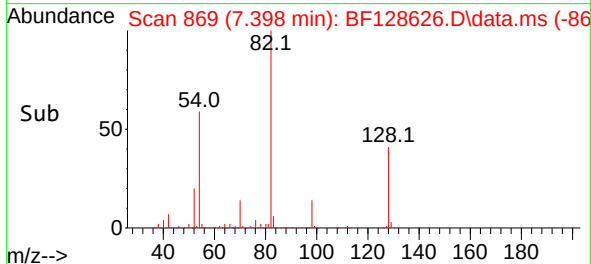
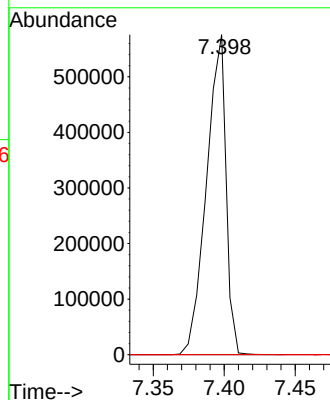
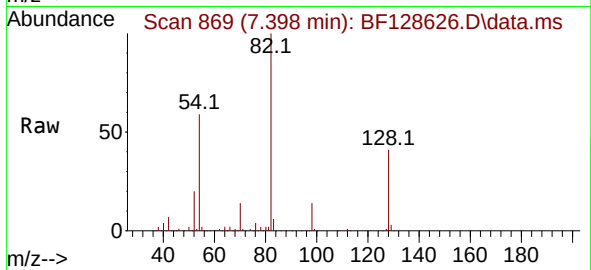




#25
Isophorone
Concen: 48.525 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

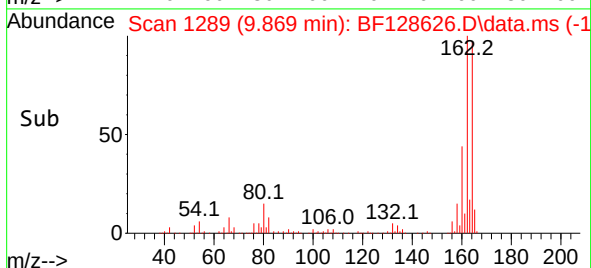
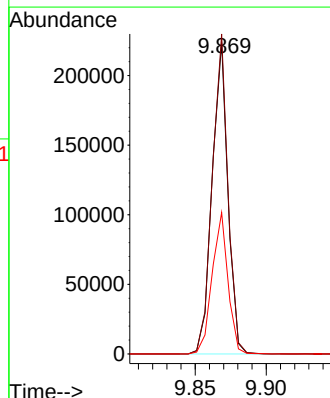
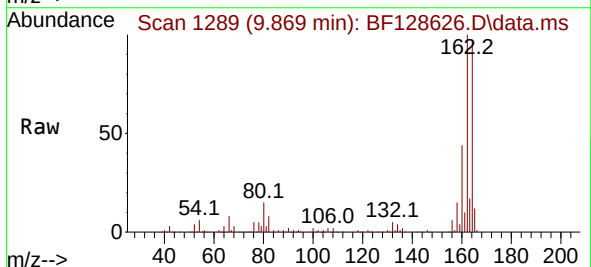
Instrument :
BNA_F
ClientSampleId :
P043-SS001-1218-01

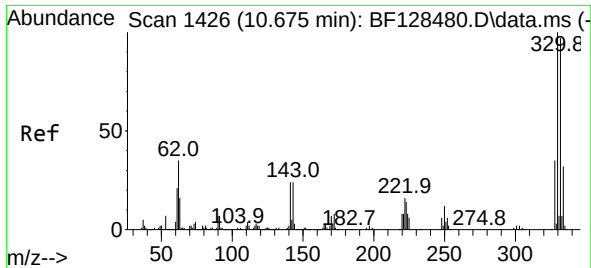
Tgt Ion: 82 Resp: 551366
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

Tgt Ion:164 Resp: 172701
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 45.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 112.080 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128626.D

Acq: 01 Jun 2022 16:55

Instrument :

BNA_F

ClientSampleId :

P043-SS001-1218-01

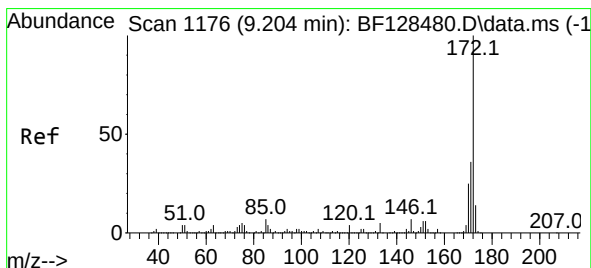
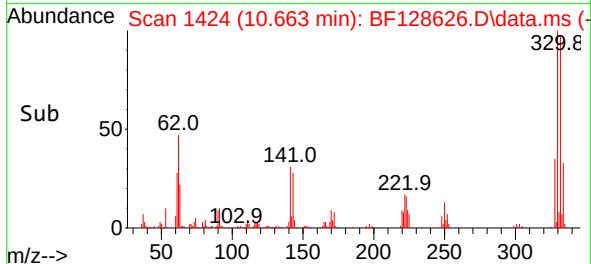
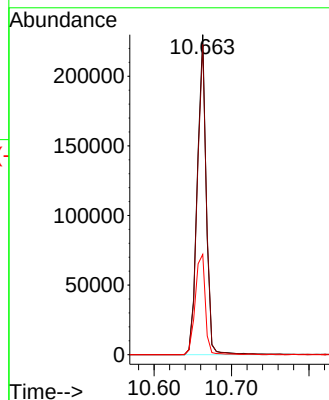
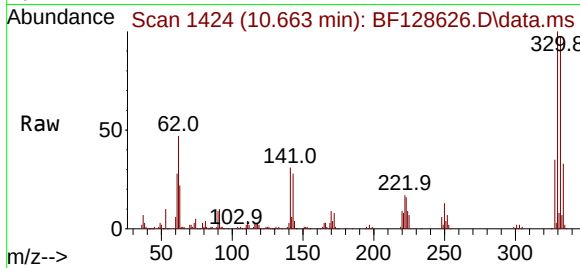
Tgt Ion:330 Resp: 184239

Ion Ratio Lower Upper

330 100

332 98.1 76.8 115.2

141 35.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 84.095 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BF128626.D

Acq: 01 Jun 2022 16:55

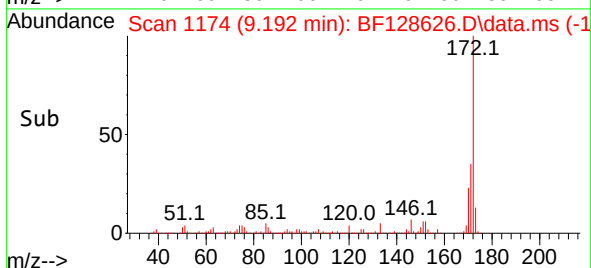
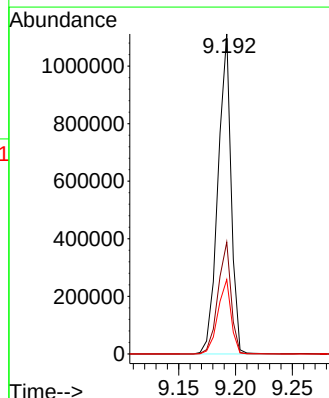
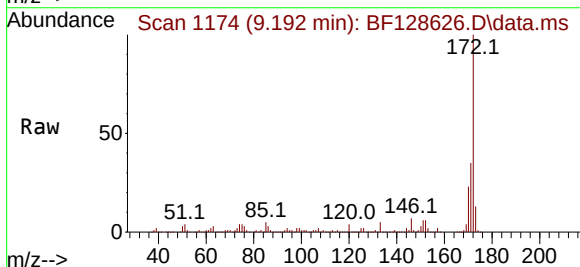
Tgt Ion:172 Resp: 893932

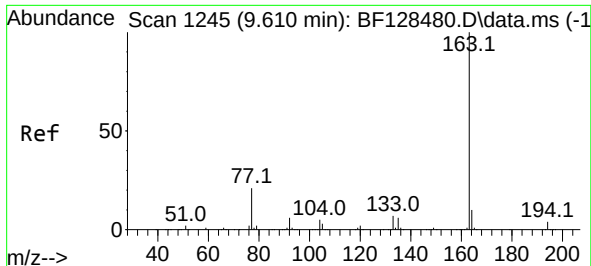
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.2 19.8 29.8

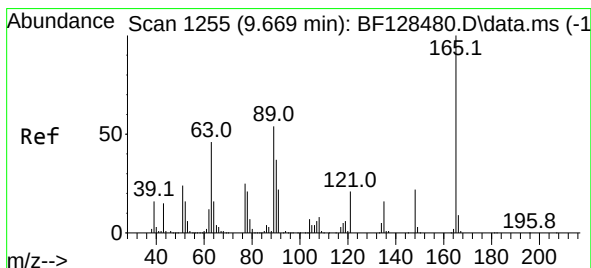
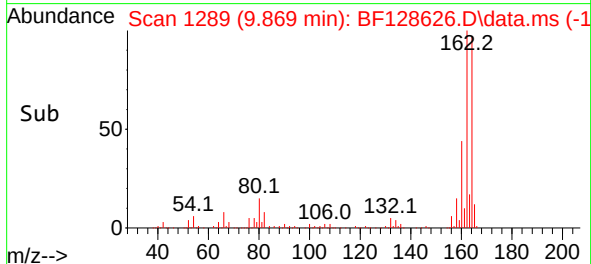
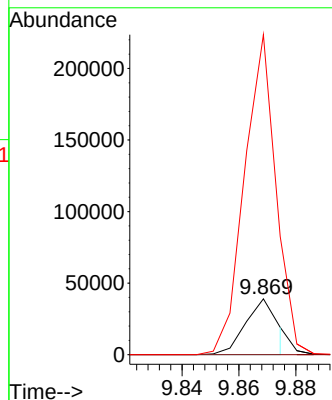
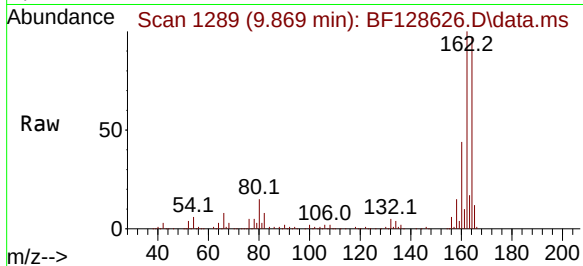




#50
Dimethylphthalate
Concen: 2.730 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.259 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

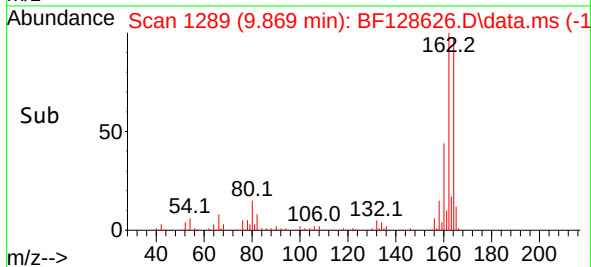
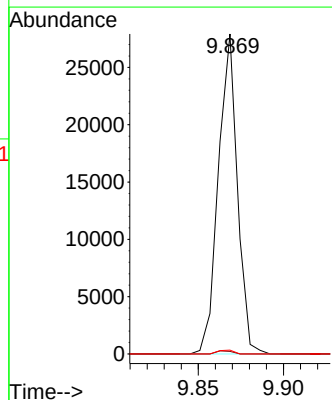
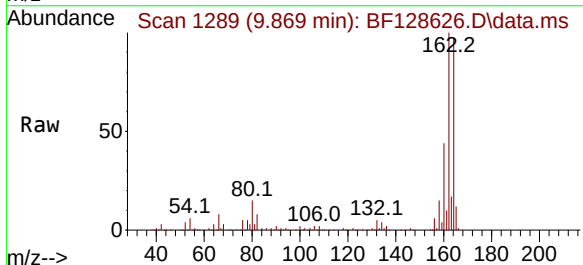
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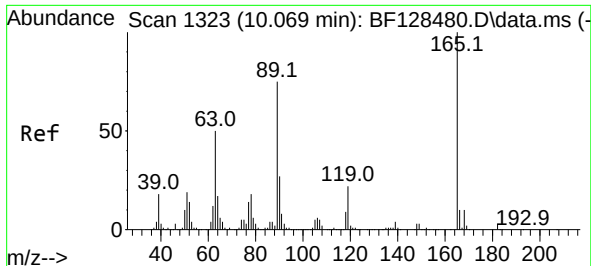
Tgt Ion:163 Resp: 30584
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 573.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.570 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

Tgt Ion:165 Resp: 21702
Ion Ratio Lower Upper
165 100
63 0.8 44.9 67.3#
89 1.2 43.6 65.4#

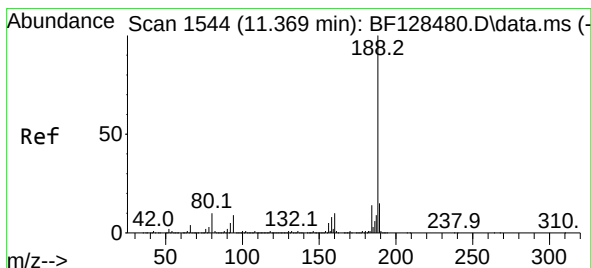
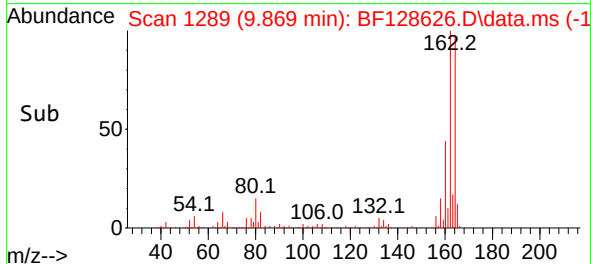
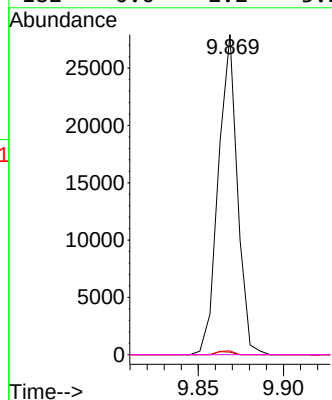
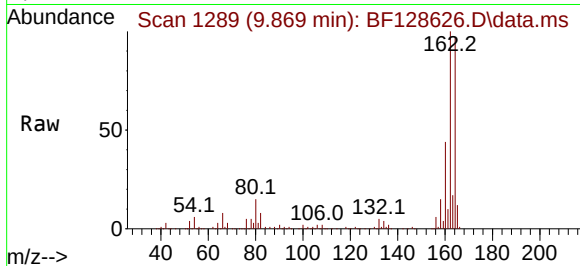




#57
2,4-Dinitrotoluene
Concen: 8.835 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

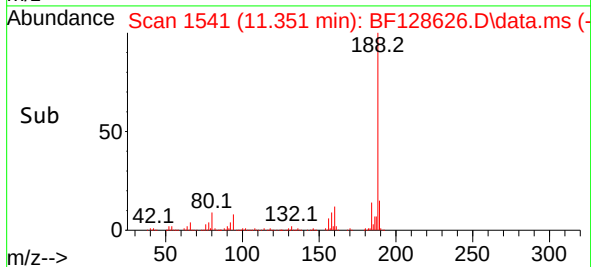
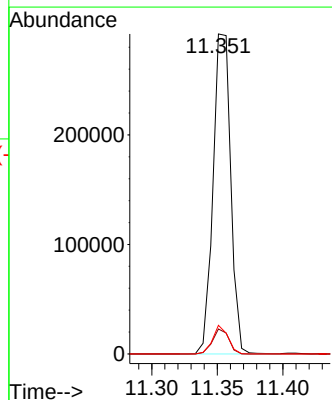
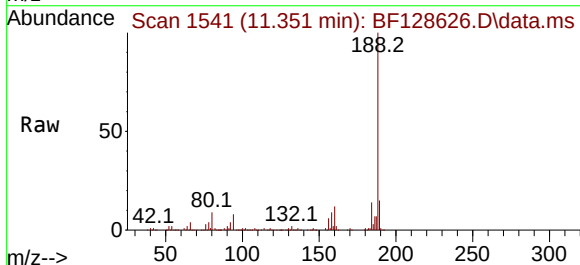
Instrument :
BNA_F
ClientSampleId :
P043-SS001-1218-01

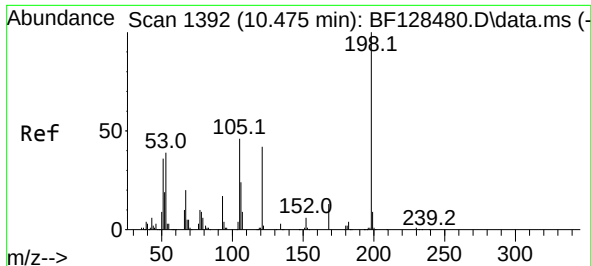
Tgt Ion:165 Resp: 21702
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.018 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

Tgt Ion:188 Resp: 274025
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 8.9 7.6 11.4

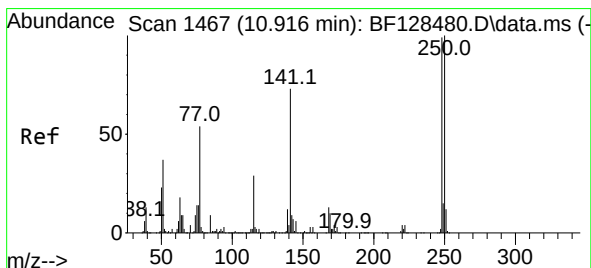
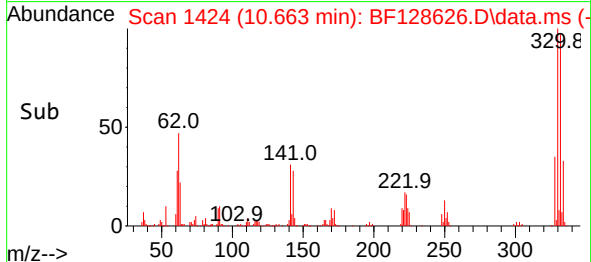
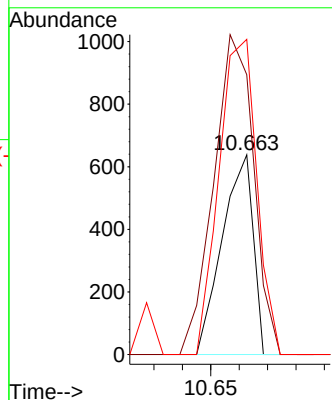
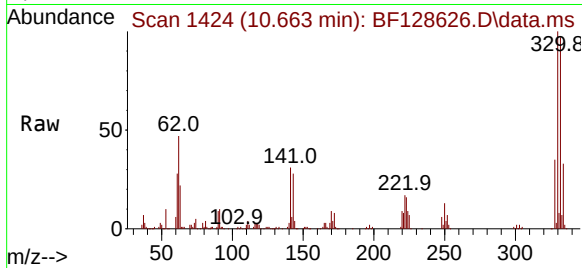




#65
4,6-Dinitro-2-methylphenol
Concen: 5.839 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

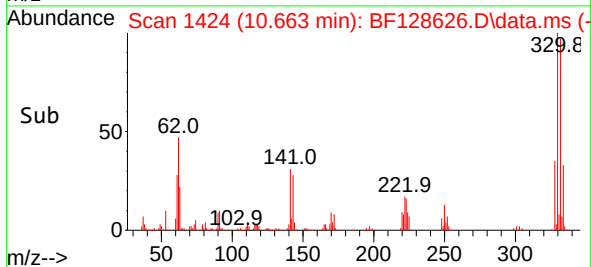
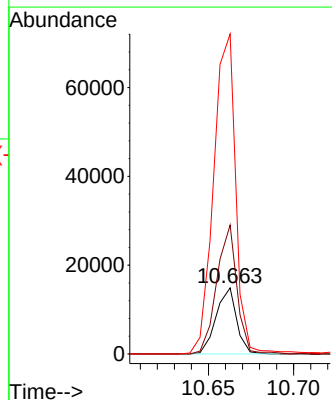
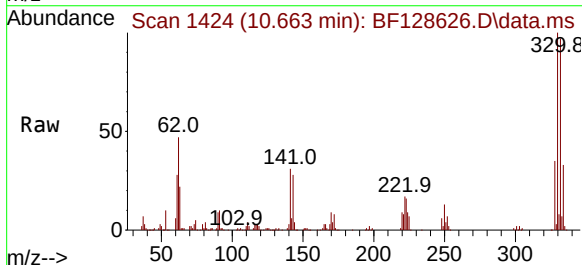
Instrument :
BNA_F
ClientSampleId :
P043-SS001-1218-01

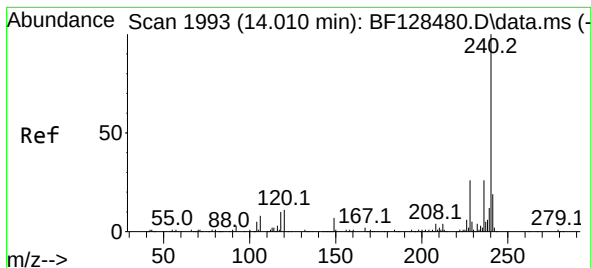
Tgt Ion:198 Resp: 482
Ion Ratio Lower Upper
198 100
51 140.1 37.6 77.6#
105 157.8 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.404 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

Tgt Ion:248 Resp: 12468
Ion Ratio Lower Upper
248 100
250 195.0 80.6 120.8#
141 483.7 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 1993

Delta R.T. -0.018 min

Lab File: BF128626.D

Acq: 01 Jun 2022 16:55

Instrument :

BNA_F

ClientSampleId :

P043-SS001-1218-01

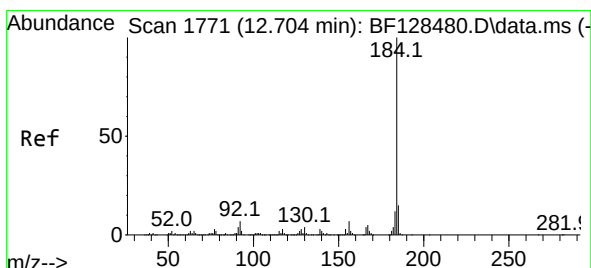
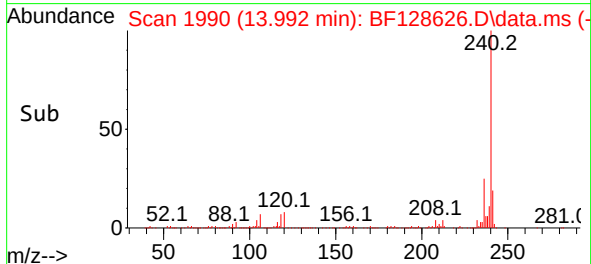
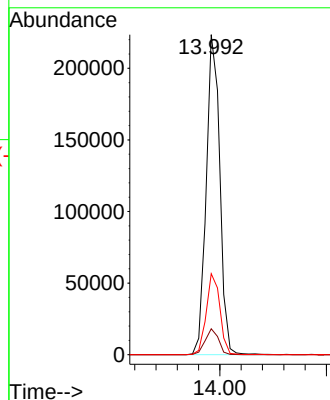
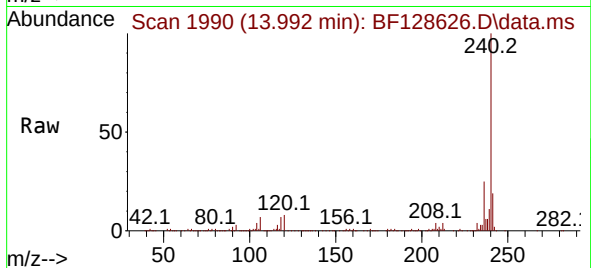
Tgt Ion:240 Resp: 198199

Ion Ratio Lower Upper

240 100

120 8.1 8.9 13.3#

236 25.3 20.8 31.2



#77

Benzidine

Concen: 2.326 ng

RT: 12.945 min Scan# 1812

Delta R.T. 0.241 min

Lab File: BF128626.D

Acq: 01 Jun 2022 16:55

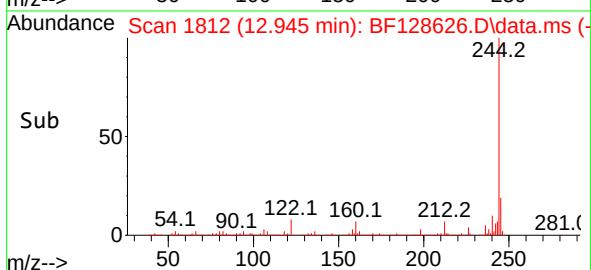
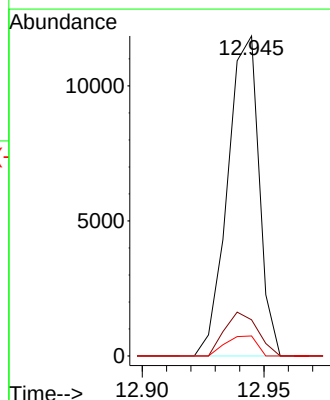
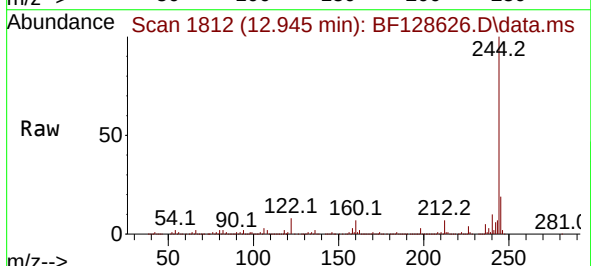
Tgt Ion:184 Resp: 10635

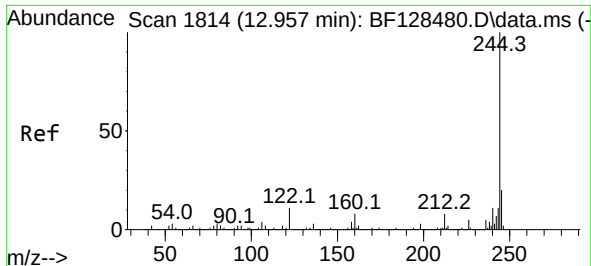
Ion Ratio Lower Upper

184 100

185 11.3 11.9 17.9#

183 6.3 9.3 13.9#

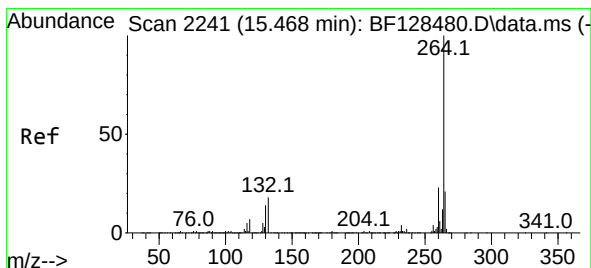
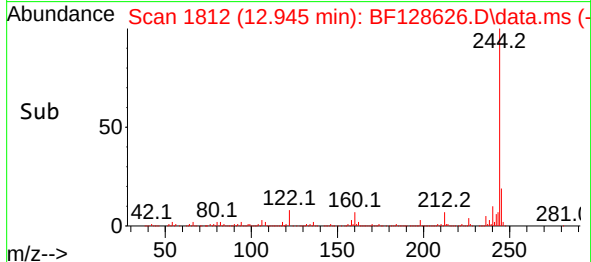
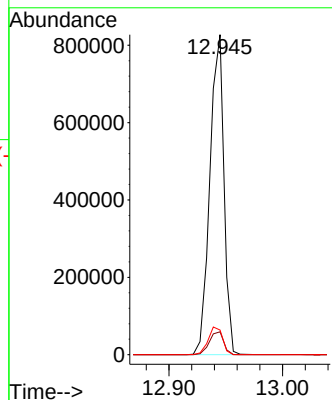
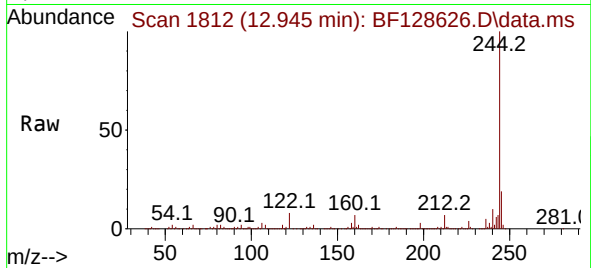




#79
Terphenyl-d14
Concen: 69.317 ng
RT: 12.945 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

Instrument :
BNA_F
ClientSampleId :
P043-SS001-1218-01

Tgt Ion:244 Resp: 711125
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 7.7 8.8 13.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.456 min Scan# 2239
Delta R.T. -0.012 min
Lab File: BF128626.D
Acq: 01 Jun 2022 16:55

Tgt Ion:264 Resp: 209576
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 21.4 17.2 25.8

