

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021522\
 Data File : BF126889.D
 Acq On : 15 Feb 2022 14:07
 Operator : CG\JU
 Sample : N1511-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220041-AMENDED-NACOTE-1-COMP

Quant Time: Feb 16 00:16:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

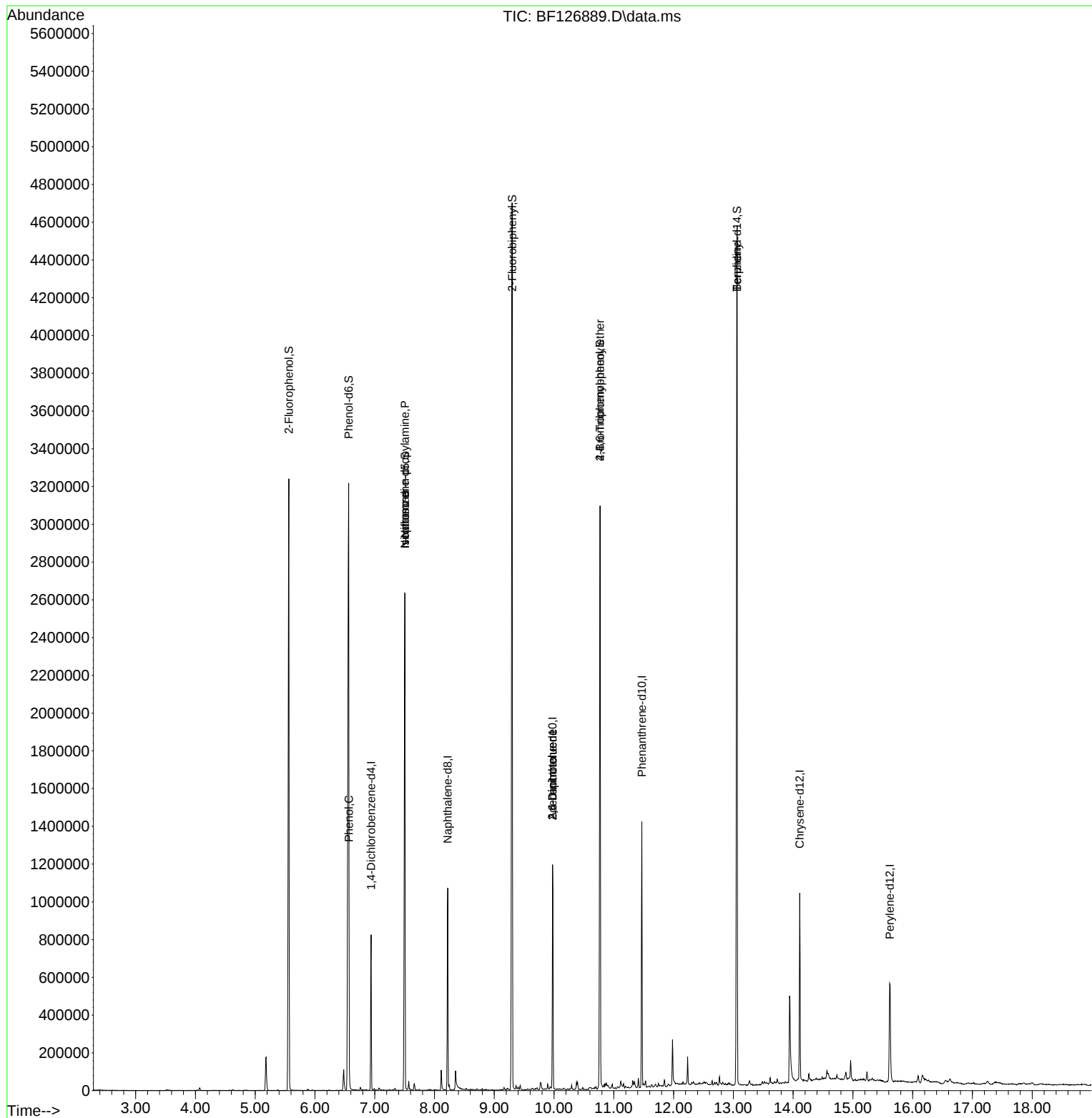
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	105453	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	434446	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	236188	20.000	ng	-0.01
64) Phenanthrene-d10	11.469	188	444222	20.000	ng	0.00
76) Chrysene-d12	14.110	240	299645	20.000	ng	-0.01
86) Perylene-d12	15.616	264	229727	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	849956	124.097	ng	0.00
7) Phenol-d6	6.563	99	1260863	136.365	ng	0.00
23) Nitrobenzene-d5	7.504	82	905072	96.122	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	345433	136.421	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1377685	87.803	ng	0.00
79) Terphenyl-d14	13.063	244	1662352	79.531	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.569	94	24089	2.585	ng	# 34
19) n-Nitroso-di-n-propyla...	7.504	70	124472	21.258	ng	# 78
25) Isophorone	7.504	82	905060	57.372	ng	# 68
51) 2,6-Dinitrotoluene	9.975	165	31111	9.194	ng	# 21
57) 2,4-Dinitrotoluene	9.975	165	31111	6.954	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	20739	4.296	ng	# 1
77) Benzidine	13.063	184	25745	3.265	ng	95

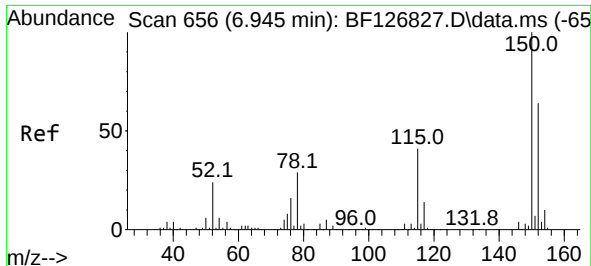
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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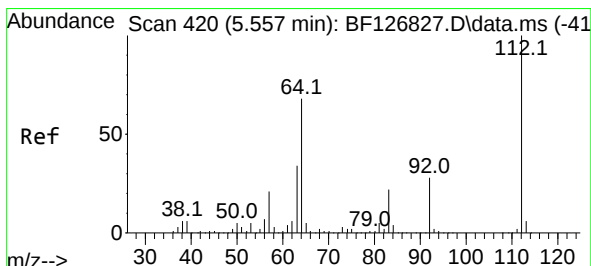
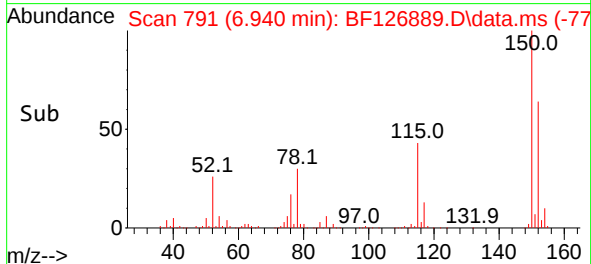
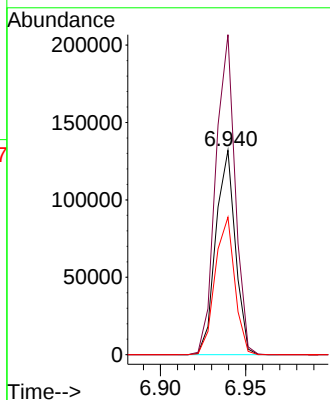
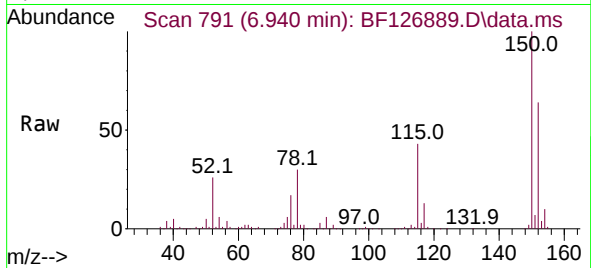




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126889.D
Acq: 15 Feb 2022 14:07

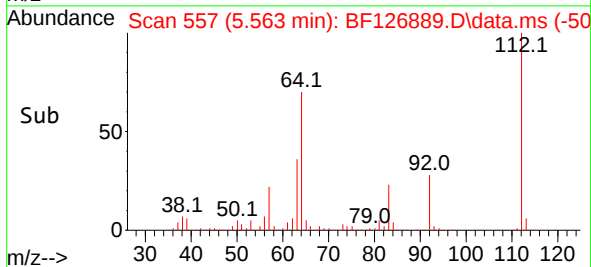
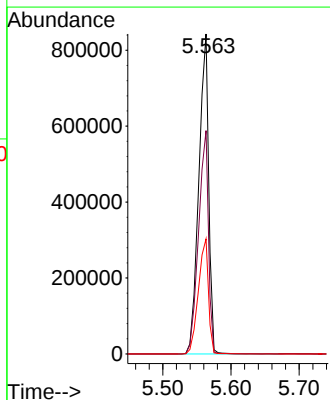
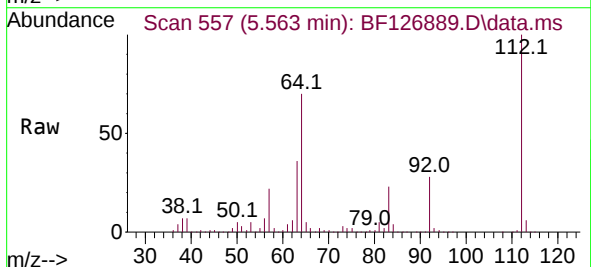
Instrument :
BNA_F
ClientSampleId :
20220041-AMENDED-NACOTE-1-COMP

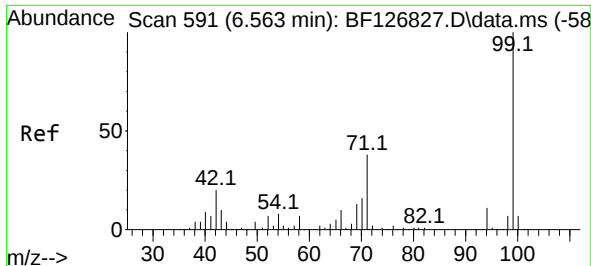
Tgt Ion:152 Resp: 105453
Ion Ratio Lower Upper
152 100
150 156.6 124.3 186.5
115 67.3 50.5 75.7



#5
2-Fluorophenol
Concen: 124.097 ng
RT: 5.563 min Scan# 557
Delta R.T. 0.006 min
Lab File: BF126889.D
Acq: 15 Feb 2022 14:07

Tgt Ion:112 Resp: 849956
Ion Ratio Lower Upper
112 100
64 69.8 54.3 81.5
63 36.0 27.5 41.3





#7

Phenol-d6

Concen: 136.365 ng

RT: 6.563 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF126889.D

Acq: 15 Feb 2022 14:07

Instrument :

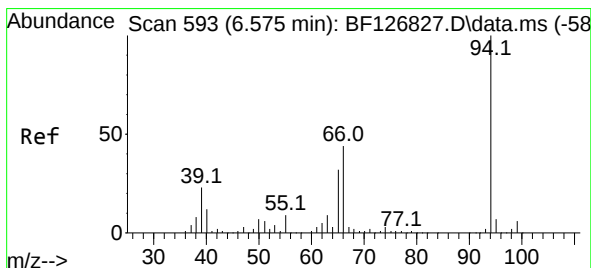
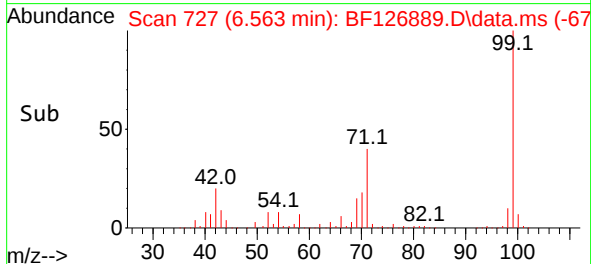
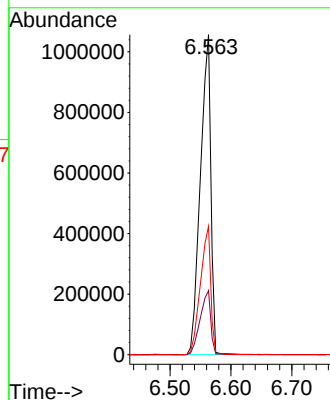
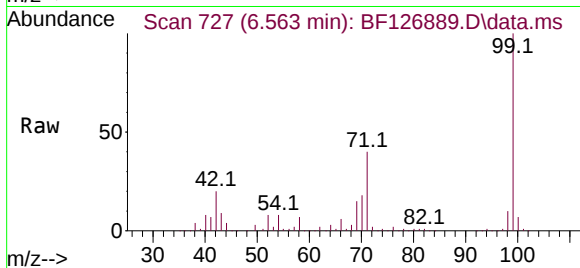
BNA_F

ClientSampleId :

20220041-AMENDED-NACOTE-1-COMP

Tgt Ion: 99 Resp: 1260863

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.8	23.6
71	40.1	30.6	45.8



#10

Phenol

Concen: 2.585 ng

RT: 6.569 min Scan# 728

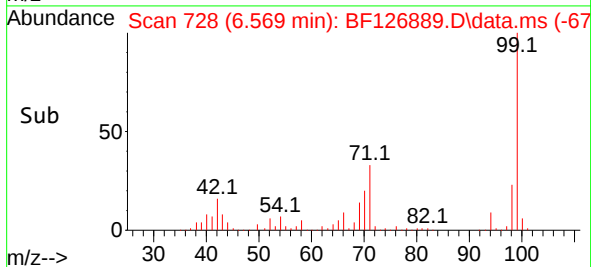
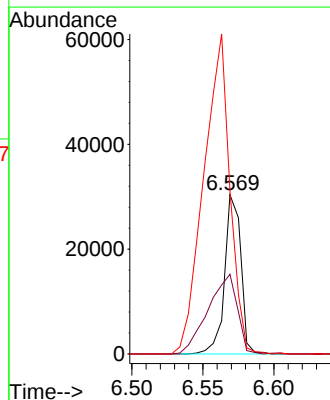
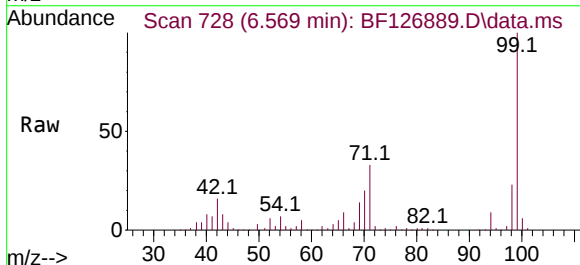
Delta R.T. -0.006 min

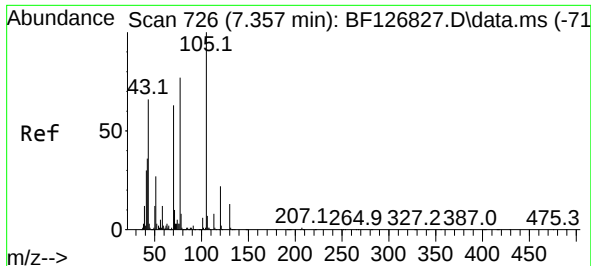
Lab File: BF126889.D

Acq: 15 Feb 2022 14:07

Tgt Ion: 94 Resp: 24089

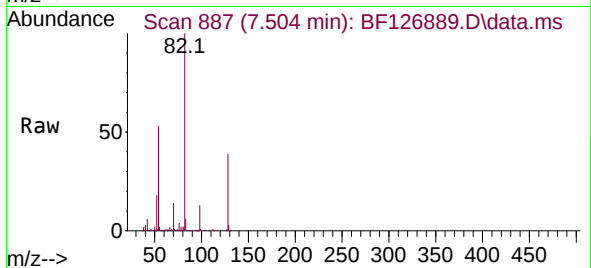
Ion	Ratio	Lower	Upper
94	100		
65	50.1	12.1	52.1
66	102.5	23.6	63.6#



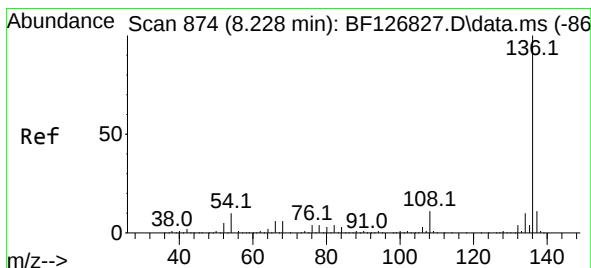
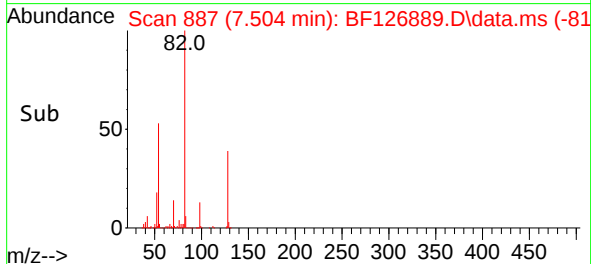
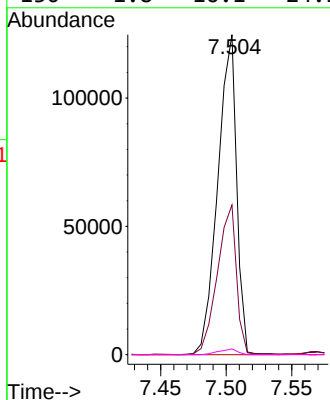


#19
n-Nitroso-di-n-propylamine
Concen: 21.258 ng
RT: 7.504 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF126889.D
Acq: 15 Feb 2022 14:07

Instrument :
BNA_F
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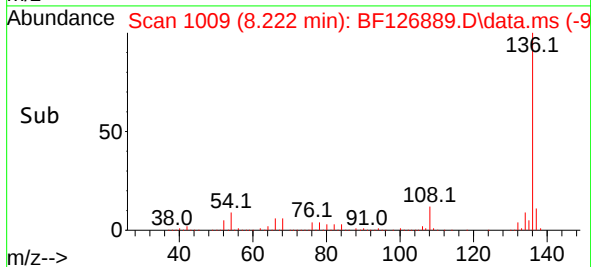
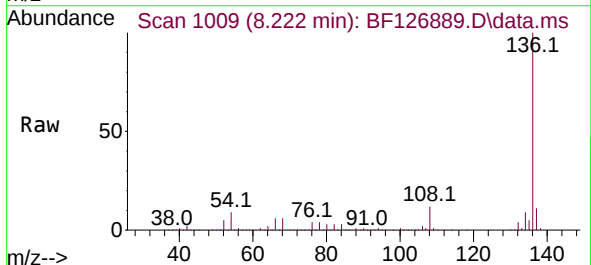
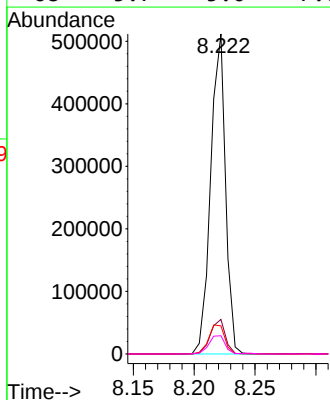


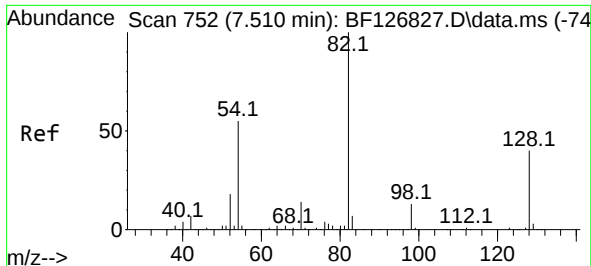
Tgt Ion: 70 Resp: 124472
Ion Ratio Lower Upper
70 100
42 46.8 46.3 69.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF126889.D
Acq: 15 Feb 2022 14:07

Tgt Ion:136 Resp: 434446
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.8 8.0 12.0
68 5.7 5.0 7.6

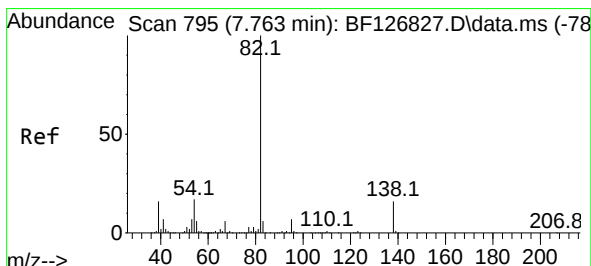
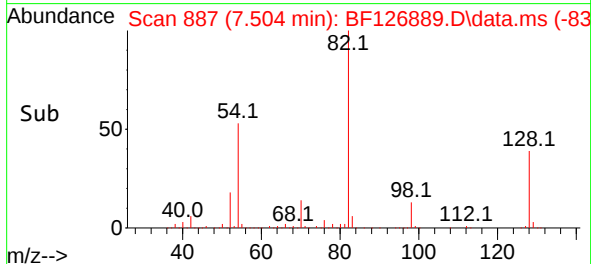
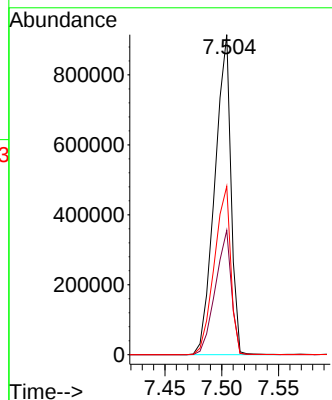
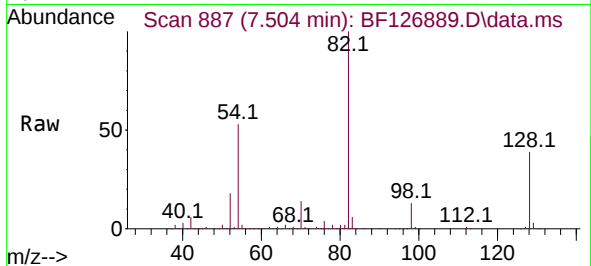




#23
Nitrobenzene-d5
Concen: 96.122 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF126889.D
Acq: 15 Feb 2022 14:07

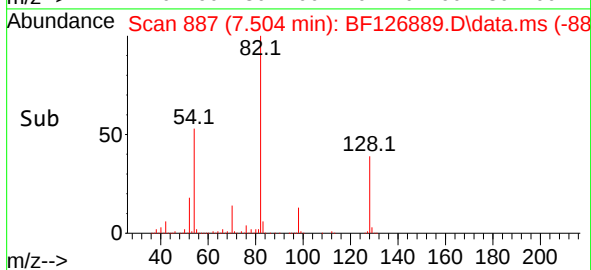
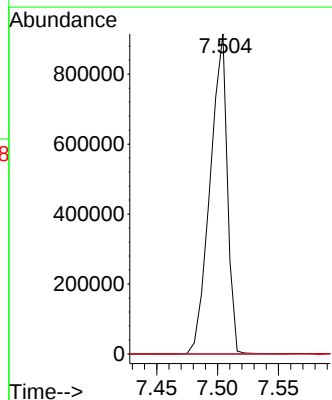
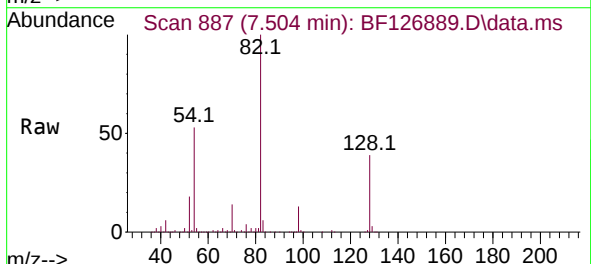
Instrument :
BNA_F
ClientSampleId :
20220041-AMENDED-NACOTE-1-COMP

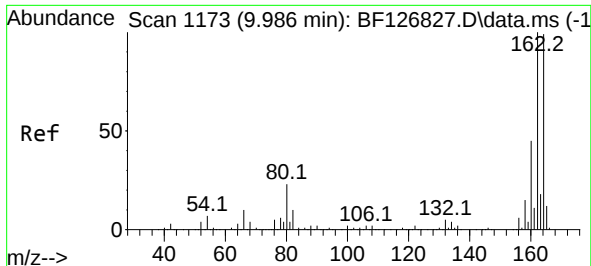
Tgt Ion: 82 Resp: 905072
Ion Ratio Lower Upper
82 100
128 38.8 31.6 47.4
54 52.6 43.7 65.5



#25
Isophorone
Concen: 57.372 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.259 min
Lab File: BF126889.D
Acq: 15 Feb 2022 14:07

Tgt Ion: 82 Resp: 905060
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.975 min Scan# 1173

Delta R.T. -0.011 min

Lab File: BF126889.D

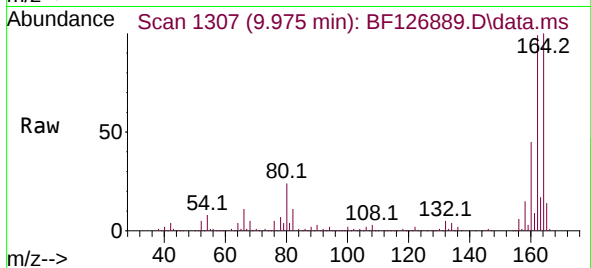
Acq: 15 Feb 2022 14:07

Instrument :

BNA_F

ClientSampleId :

20220041-AMENDED-NACOTE-1-COMP



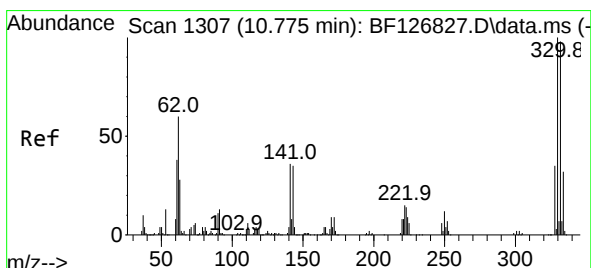
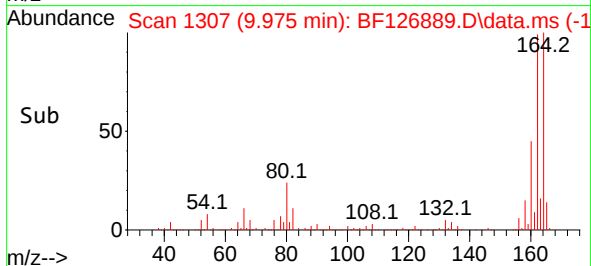
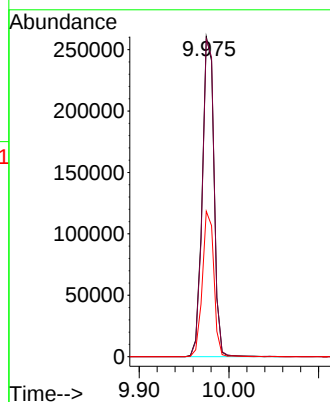
Tgt Ion:164 Resp: 236188

Ion Ratio Lower Upper

164 100

162 99.3 80.9 121.3

160 45.4 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 136.421 ng

RT: 10.769 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF126889.D

Acq: 15 Feb 2022 14:07

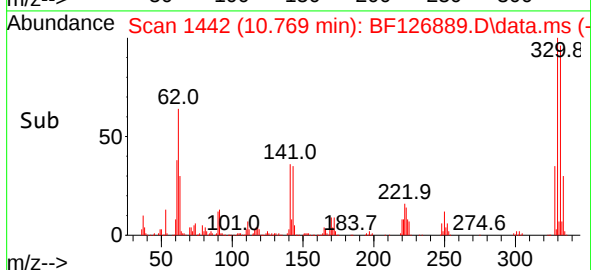
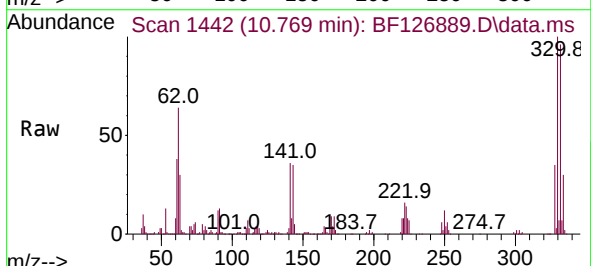
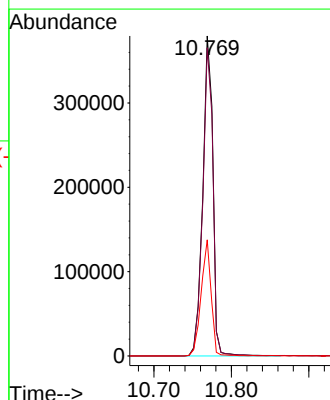
Tgt Ion:330 Resp: 345433

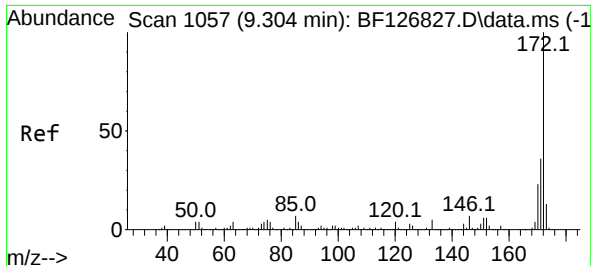
Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.4

141 35.8 31.2 46.8





#45

2-Fluorobiphenyl

Concen: 87.803 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126889.D

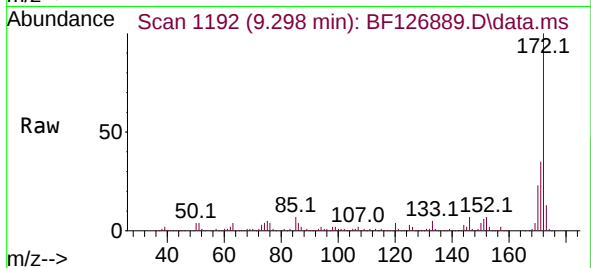
Acq: 15 Feb 2022 14:07

Instrument :

BNA_F

ClientSampleId :

20220041-AMENDED-NACOTE-1-COMP



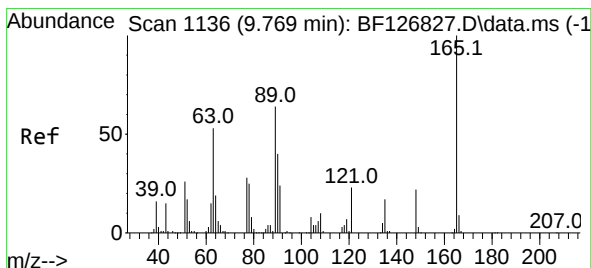
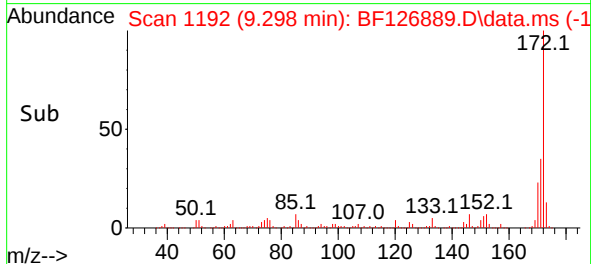
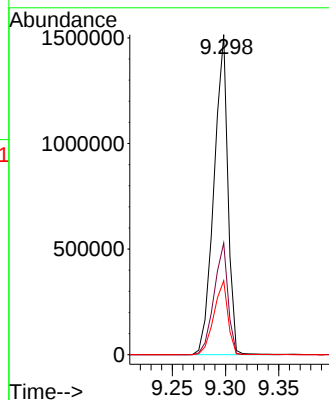
Tgt Ion:172 Resp: 1377685

Ion Ratio Lower Upper

172 100

171 34.9 28.5 42.7

170 23.1 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.194 ng

RT: 9.975 min Scan# 1307

Delta R.T. 0.206 min

Lab File: BF126889.D

Acq: 15 Feb 2022 14:07

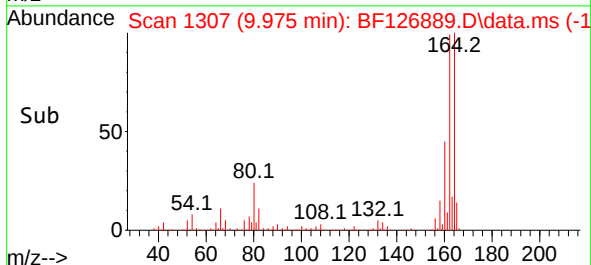
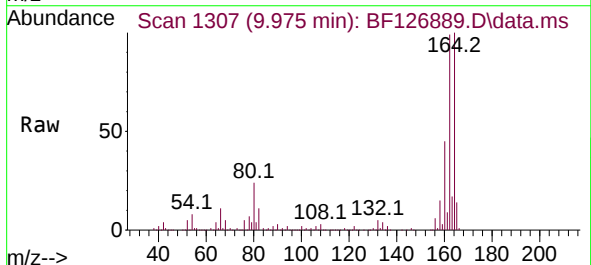
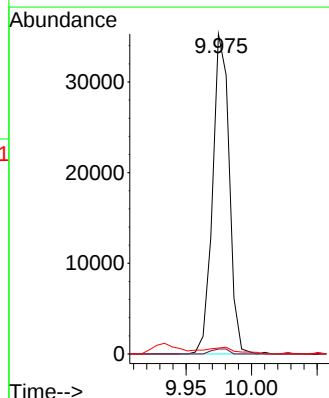
Tgt Ion:165 Resp: 31111

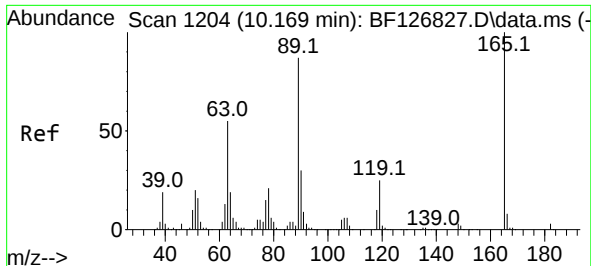
Ion Ratio Lower Upper

165 100

63 1.6 49.9 74.9#

89 1.9 51.0 76.4#

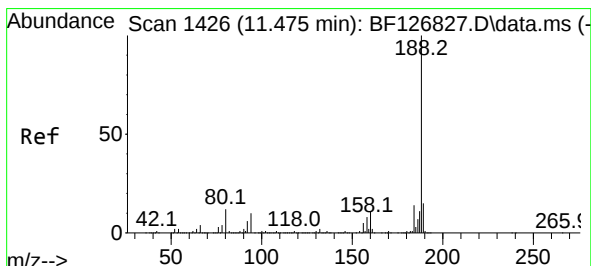
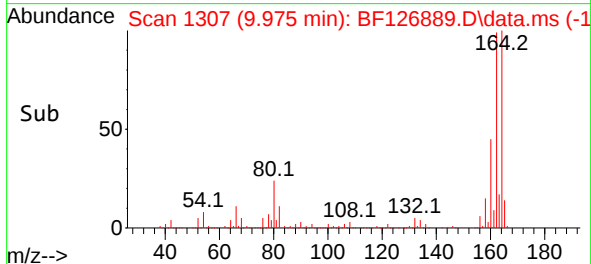
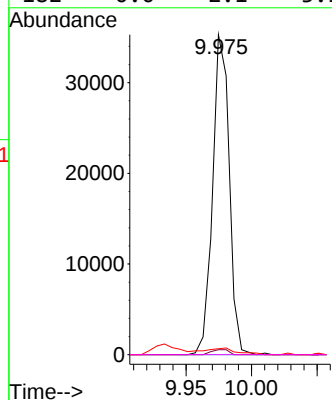
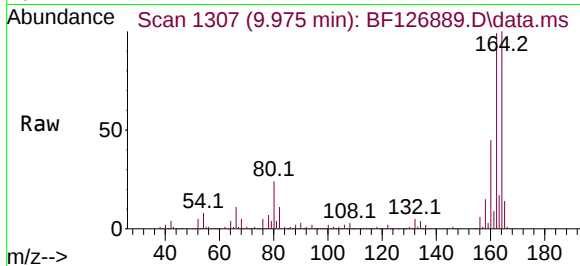




#57
2,4-Dinitrotoluene
Concen: 6.954 ng
RT: 9.975 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126889.D
Acq: 15 Feb 2022 14:07

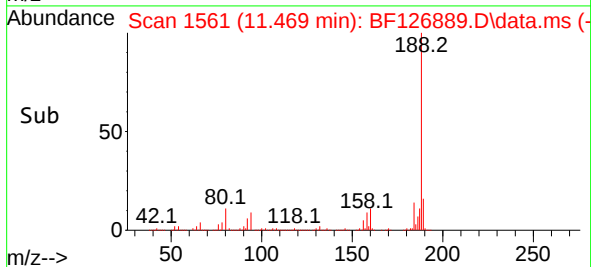
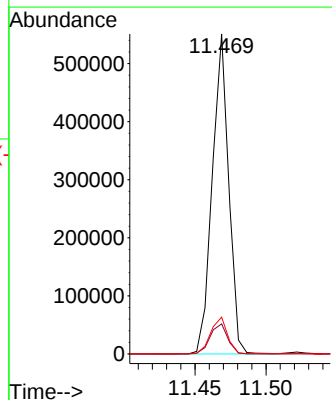
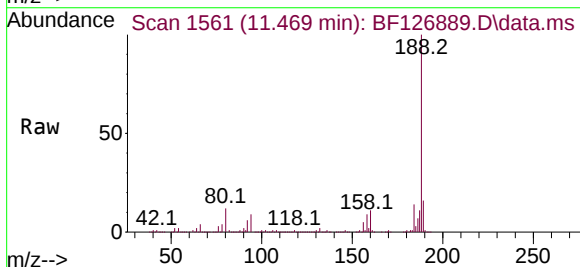
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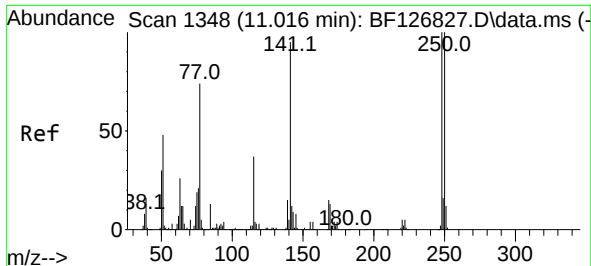
Tgt Ion:165	Resp:	31111
Ion Ratio	Lower	Upper
165	100	
63	1.6	43.9 65.9#
89	1.9	69.8 104.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF126889.D
Acq: 15 Feb 2022 14:07

Tgt Ion:188	Resp:	444222
Ion Ratio	Lower	Upper
188	100	
94	9.4	8.1 12.1
80	11.5	9.5 14.3

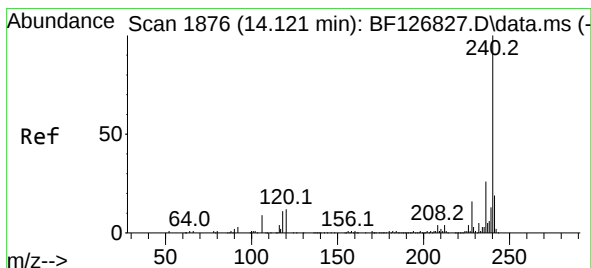
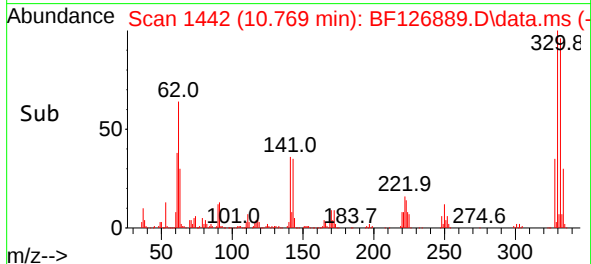
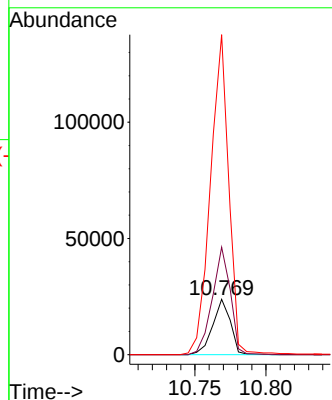
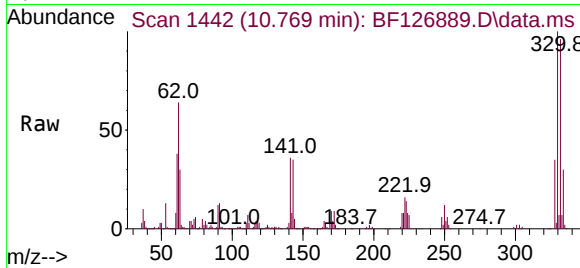




#67
4-Bromophenyl-phenylether
Concen: 4.296 ng
RT: 10.769 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126889.D
Acq: 15 Feb 2022 14:07

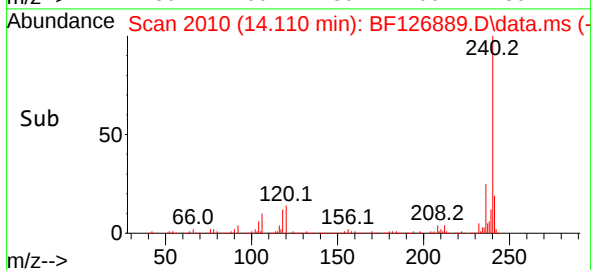
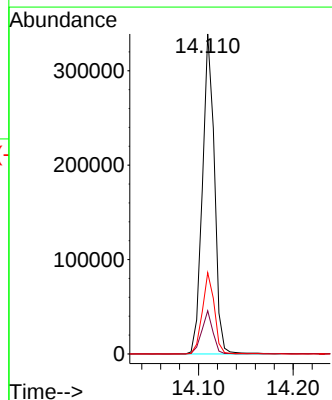
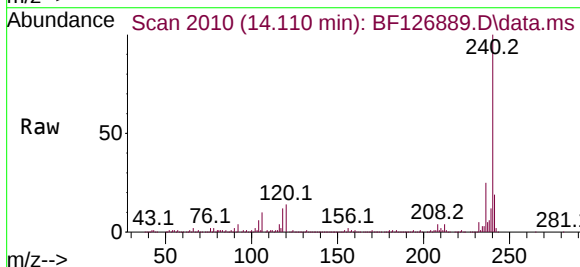
Instrument :
BNA_F
ClientSampleId :
20220041-AMENDED-NACOTE-1-COMP

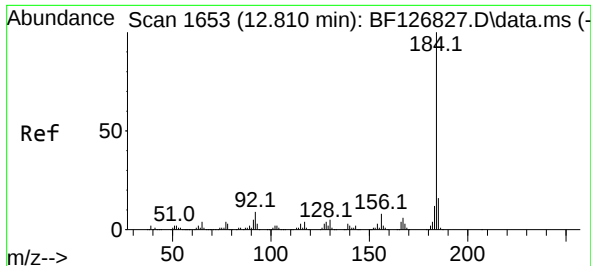
Tgt Ion:248 Resp: 20739
Ion Ratio Lower Upper
248 100
250 194.2 80.0 120.0#
141 578.2 75.6 113.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF126889.D
Acq: 15 Feb 2022 14:07

Tgt Ion:240 Resp: 299645
Ion Ratio Lower Upper
240 100
120 13.5 9.8 14.6
236 25.4 20.5 30.7

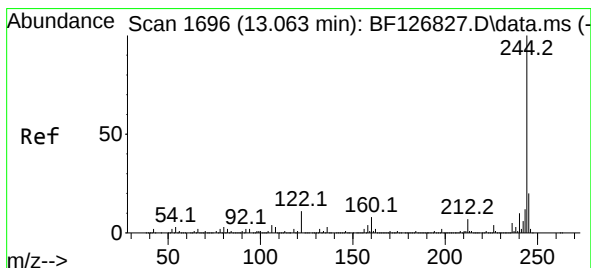
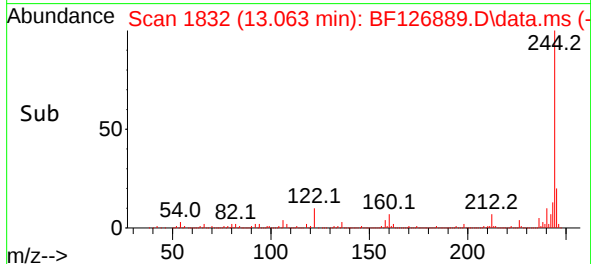
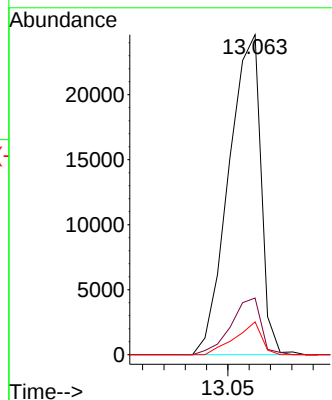
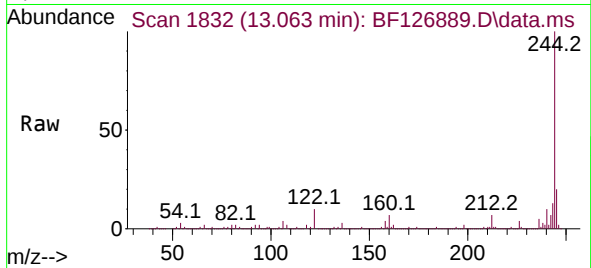




#77
Benzidine
Concen: 3.265 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.253 min
Lab File: BF126889.D
Acq: 15 Feb 2022 14:07

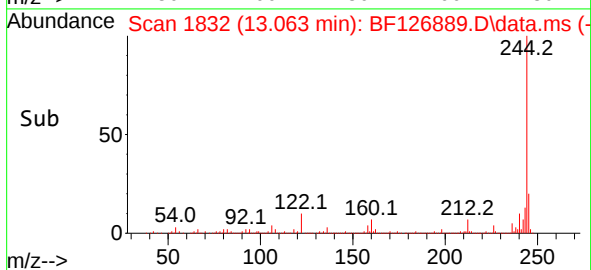
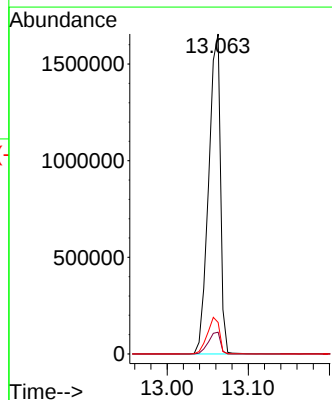
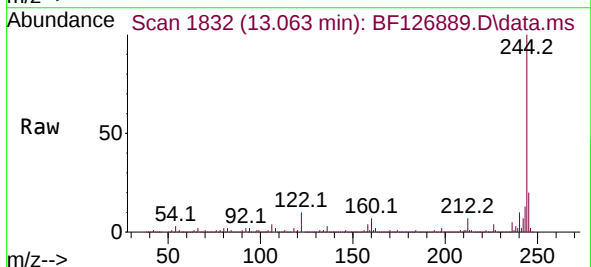
Instrument :
BNA_F
ClientSampleId :
20220041-AMENDED-NACOTE-1-COMP

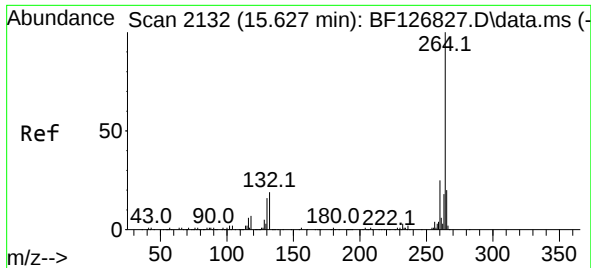
Tgt Ion:184 Resp: 25745
Ion Ratio Lower Upper
184 100
185 17.7 12.5 18.7
183 10.3 9.6 14.4



#79
Terphenyl-d14
Concen: 79.531 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF126889.D
Acq: 15 Feb 2022 14:07

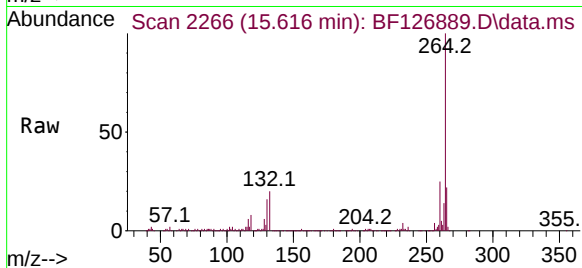
Tgt Ion:244 Resp: 1662352
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 9.9 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.616 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF126889.D
Acq: 15 Feb 2022 14:07

Instrument :
BNA_F
ClientSampleId :
20220041-AMENDED-NACOTE-1-COMP



Tgt Ion:264 Resp: 229727

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.7	15.9	23.9

