

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128605.D
 Acq On : 31 May 2022 20:30
 Operator : CG\JU
 Sample : N2952-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P037-SS001-0612-01

Quant Time: Jun 01 00:58:53 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)

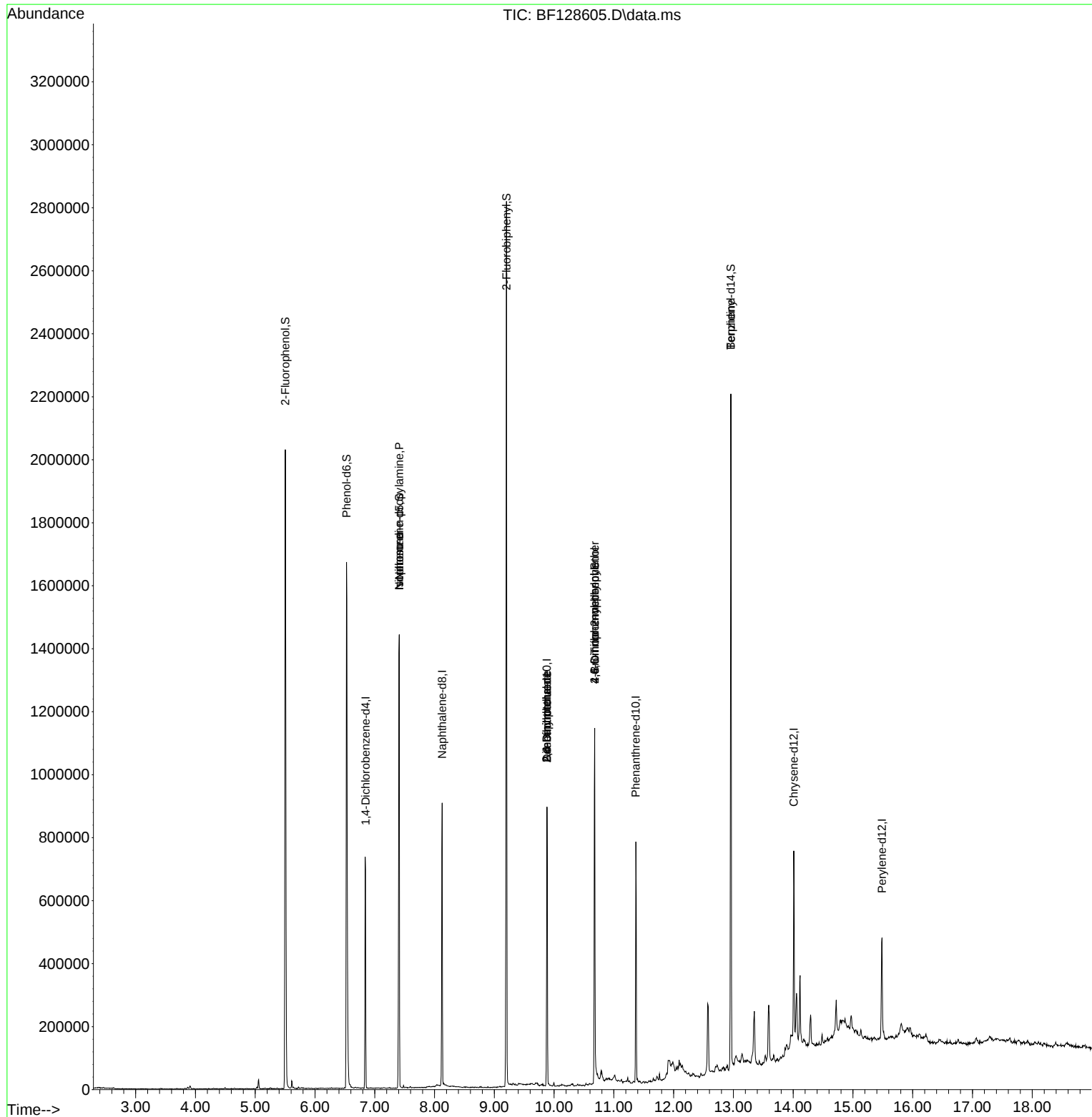
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	102056	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	357309	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	169352	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	267957	20.000	ng	0.00
76) Chrysene-d12	14.010	240	205041	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	154166	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	527830	85.669	ng	0.05
7) Phenol-d6	6.528	99	631529	80.390	ng	0.06
23) Nitrobenzene-d5	7.410	82	460346	74.324	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	133628	82.899	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	793593	76.132	ng	0.00
79) Terphenyl-d14	12.957	244	701898	66.135	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.534	77	1300	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	66279	13.760	ng	# 77
25) Isophorone	7.410	82	458488	40.127	ng	# 65
50) Dimethylphthalate	9.880	163	28891	2.630	ng	# 1
51) 2,6-Dinitrotoluene	9.880	165	21998	10.926	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	21998	9.133	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.680	198	223	5.661	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	8796	3.177	ng	# 1
77) Benzidine	12.957	184	10524	2.225	ng	# 93

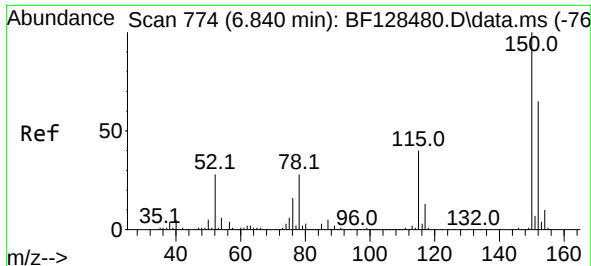
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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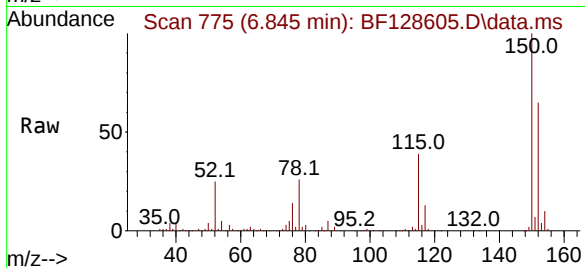
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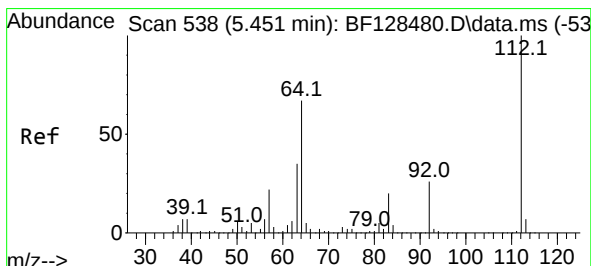
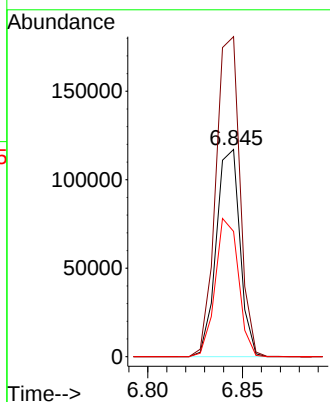
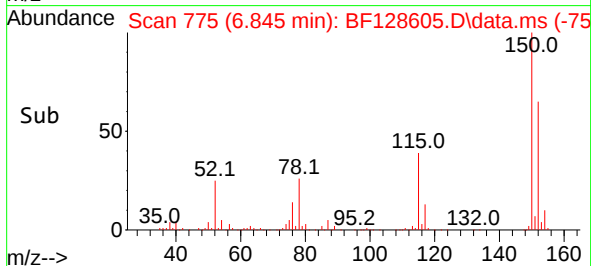


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.005 min
Lab File: BF128605.D
Acq: 31 May 2022 20:30

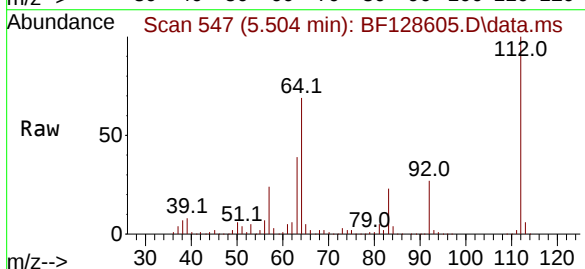
Instrument :
BNA_F
ClientSampleId :
P037-SS001-0612-01



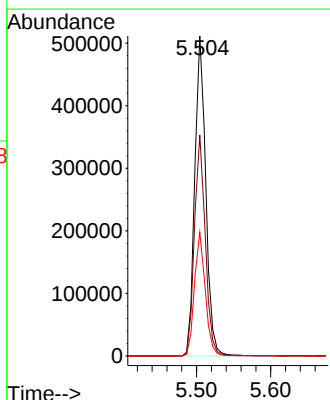
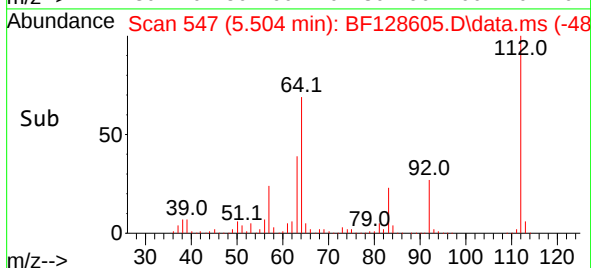
Tgt Ion:152 Resp: 102056
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 60.5 49.9 74.9

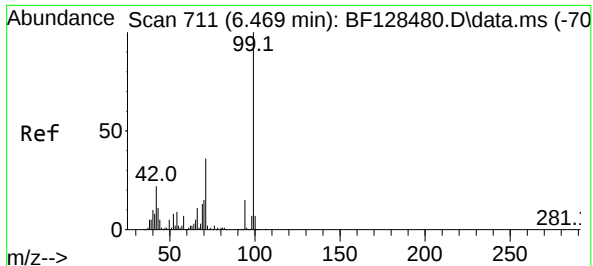


#5
2-Fluorophenol
Concen: 85.669 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.053 min
Lab File: BF128605.D
Acq: 31 May 2022 20:30



Tgt Ion:112 Resp: 527830
Ion Ratio Lower Upper
112 100
64 69.1 53.3 79.9
63 38.6 28.0 42.0

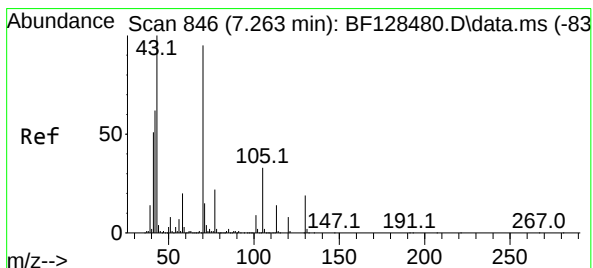
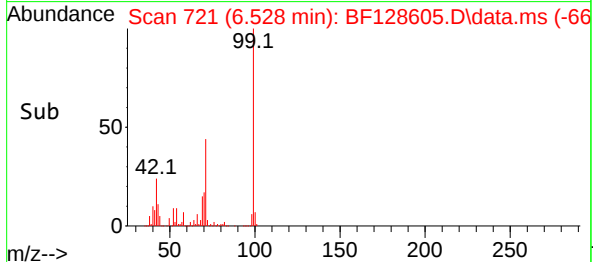
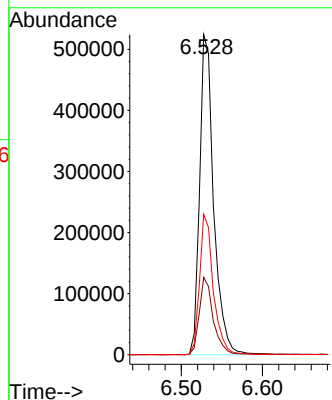
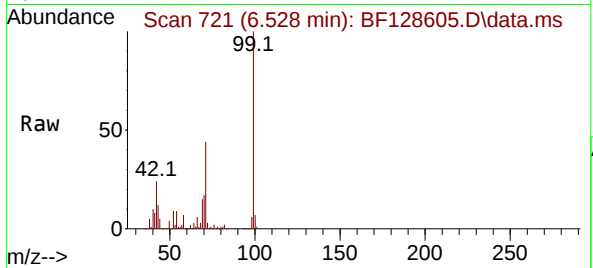




#7
Phenol-d6
Concen: 80.390 ng
RT: 6.528 min Scan# 711
Delta R.T. 0.059 min
Lab File: BF128605.D
Acq: 31 May 2022 20:30

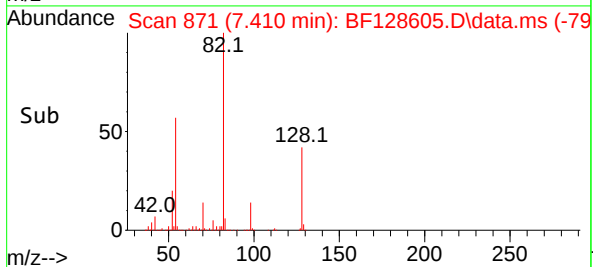
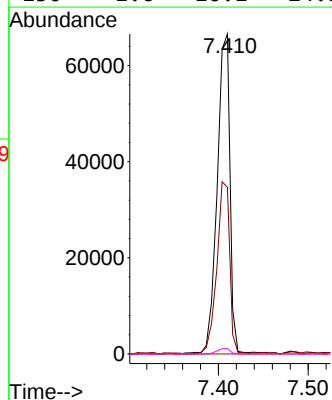
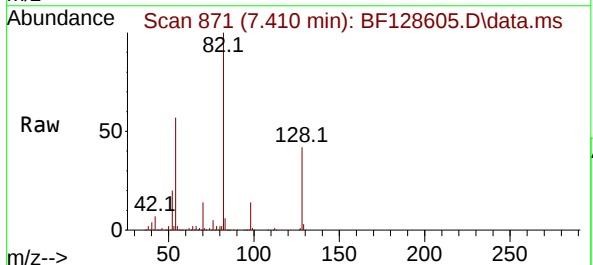
Instrument :
BNA_F
ClientSampleId :
P037-SS001-0612-01

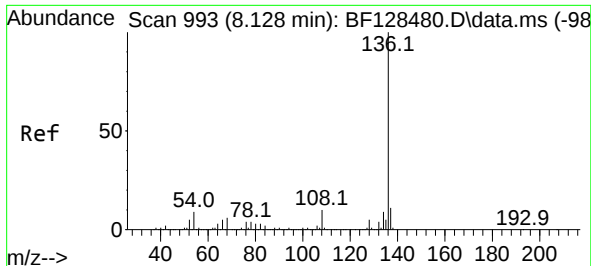
Tgt Ion: 99 Resp: 631529
Ion Ratio Lower Upper
99 100
42 24.2 17.3 25.9
71 43.8 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 13.760 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.147 min
Lab File: BF128605.D
Acq: 31 May 2022 20:30

Tgt Ion: 70 Resp: 66279
Ion Ratio Lower Upper
70 100
42 52.1 52.3 78.5#
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#

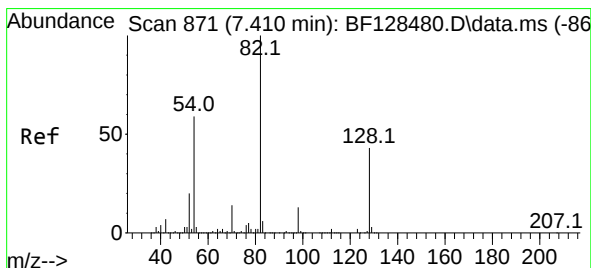
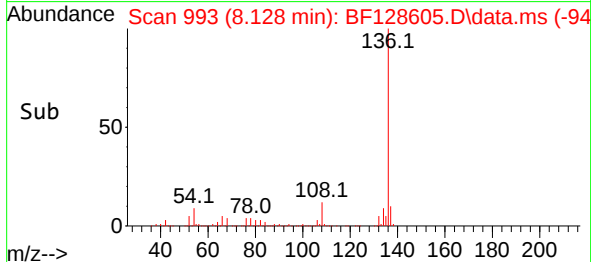
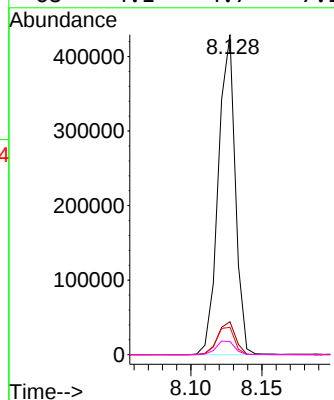
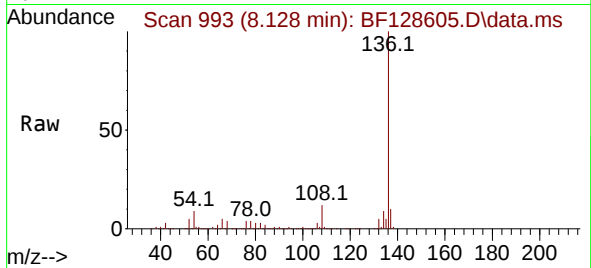




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF128605.D
Acq: 31 May 2022 20:30

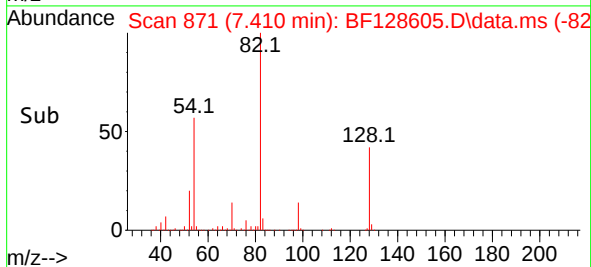
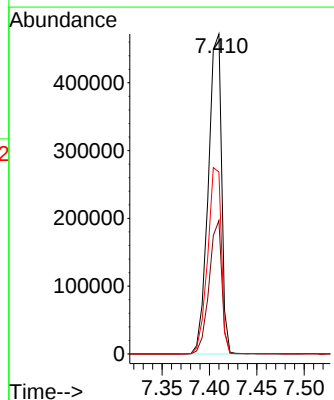
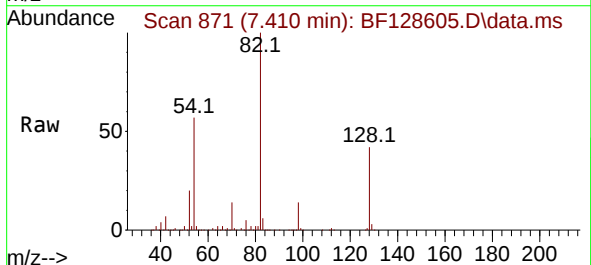
Instrument :
BNA_F
ClientSampleId :
P037-SS001-0612-01

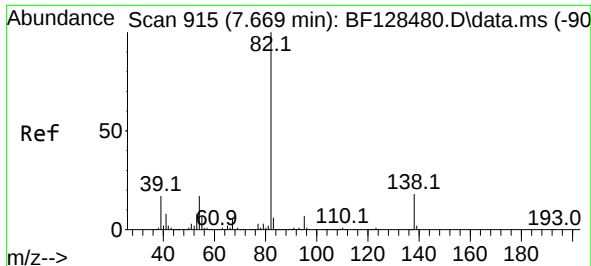
Tgt Ion:	136	Resp:	357309
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	8.6	7.5	11.3
68	4.1	4.7	7.1



#23
Nitrobenzene-d5
Concen: 74.324 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF128605.D
Acq: 31 May 2022 20:30

Tgt Ion:	82	Resp:	460346
Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.0	51.0
54	56.8	46.9	70.3

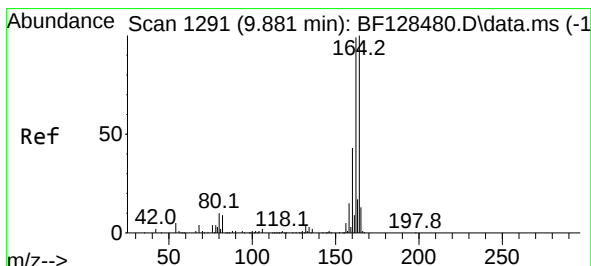
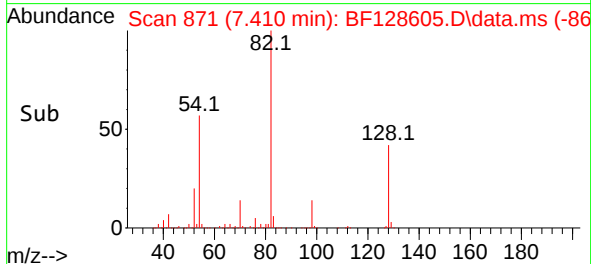
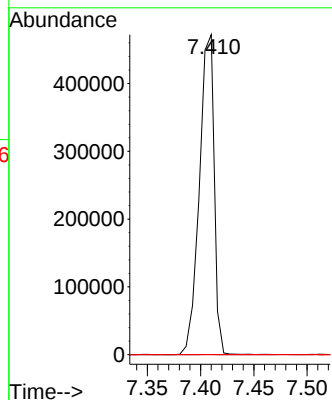
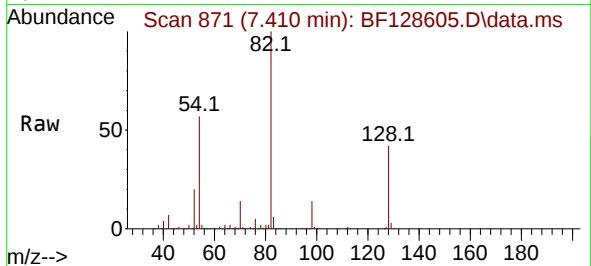




#25
Isophorone
Concen: 40.127 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128605.D
Acq: 31 May 2022 20:30

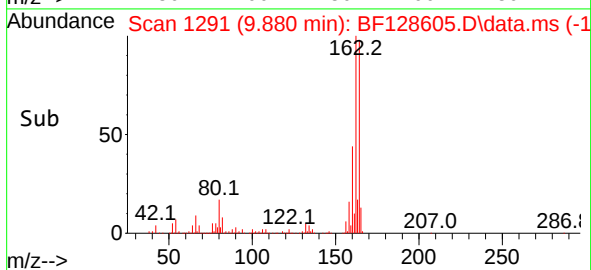
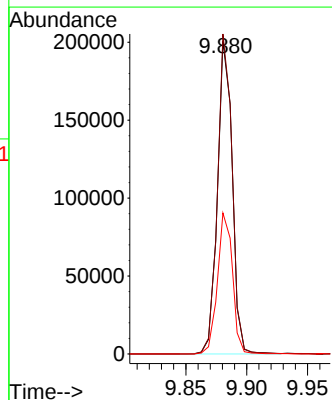
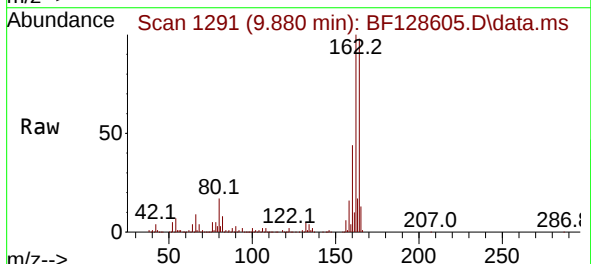
Instrument :
BNA_F
ClientSampleId :
P037-SS001-0612-01

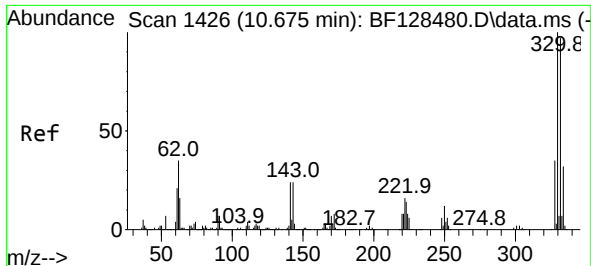
Tgt Ion: 82 Resp: 458488
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.001 min
Lab File: BF128605.D
Acq: 31 May 2022 20:30

Tgt Ion:164 Resp: 169352
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 82.899 ng

RT: 10.680 min Scan# 1426

Delta R.T. 0.006 min

Lab File: BF128605.D

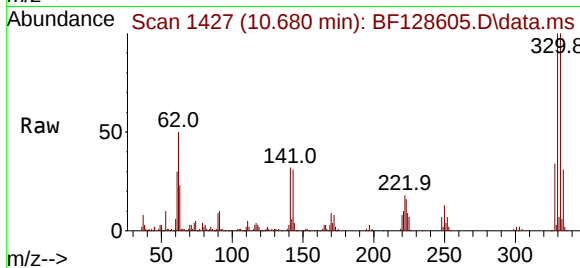
Acq: 31 May 2022 20:30

Instrument :

BNA_F

ClientSampleId :

P037-SS001-0612-01



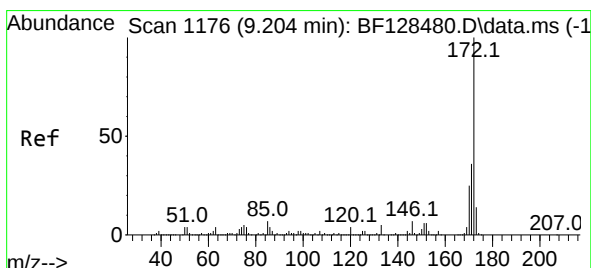
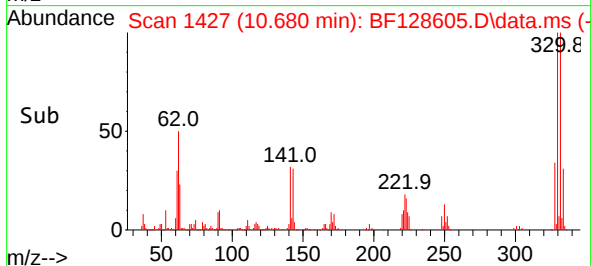
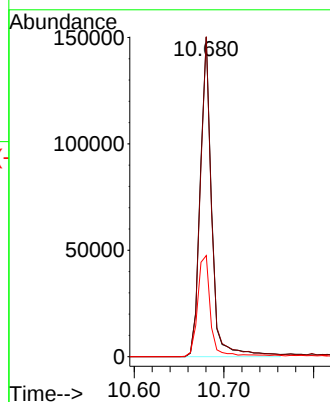
Tgt Ion:330 Resp: 133628

Ion Ratio Lower Upper

330 100

332 99.0 76.8 115.2

141 36.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 76.132 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF128605.D

Acq: 31 May 2022 20:30

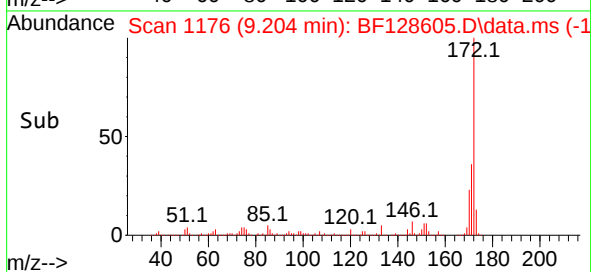
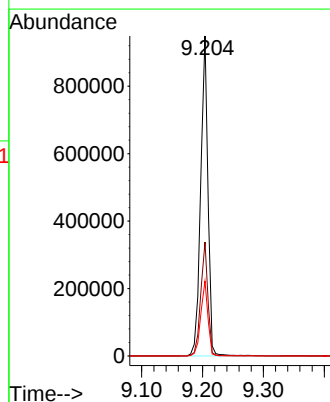
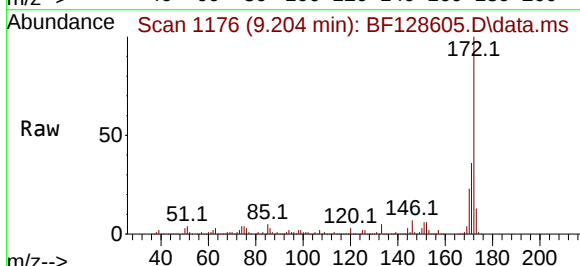
Tgt Ion:172 Resp: 793593

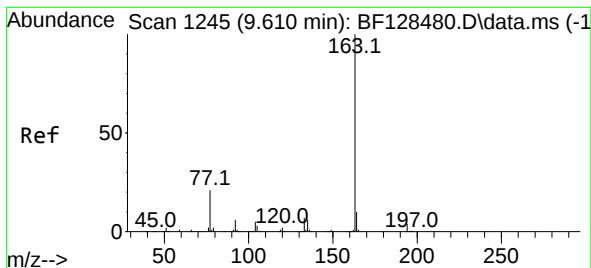
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.4 19.8 29.8





#50

Dimethylphthalate

Concen: 2.630 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.270 min

Lab File: BF128605.D

Acq: 31 May 2022 20:30

Instrument :

BNA_F

ClientSampleId :

P037-SS001-0612-01

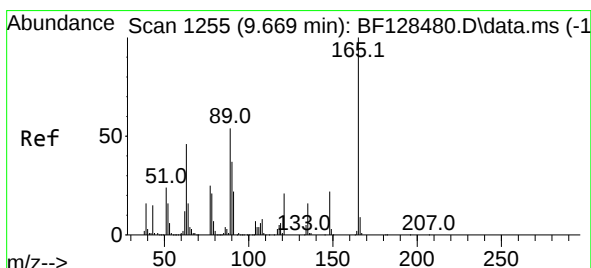
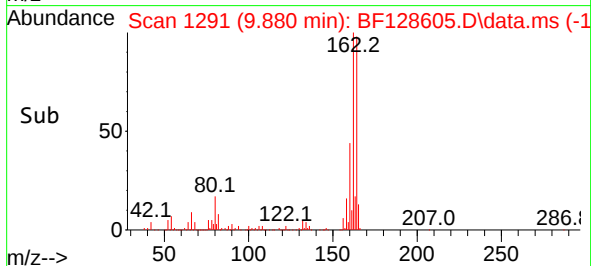
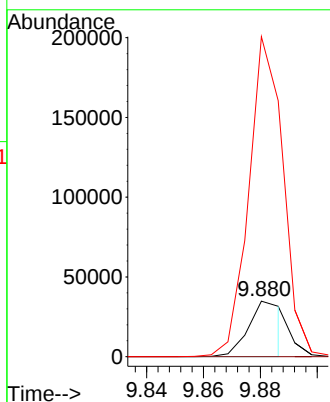
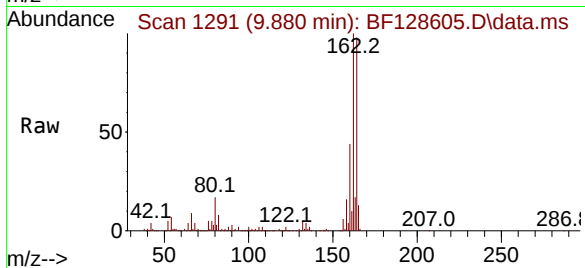
Tgt Ion:163 Resp: 28891

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 575.9 8.2 12.2#



#51

2,6-Dinitrotoluene

Concen: 10.926 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.212 min

Lab File: BF128605.D

Acq: 31 May 2022 20:30

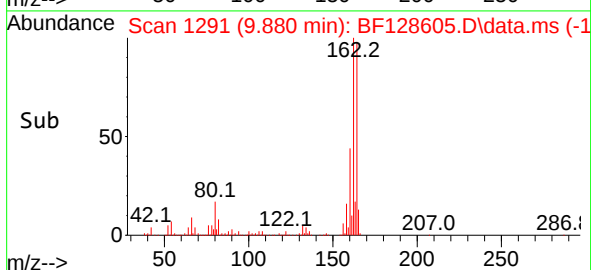
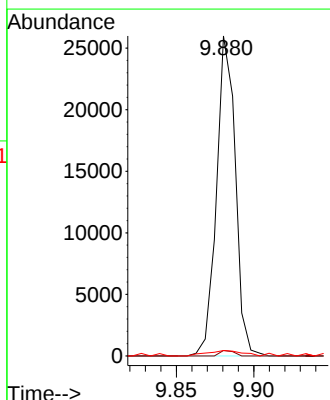
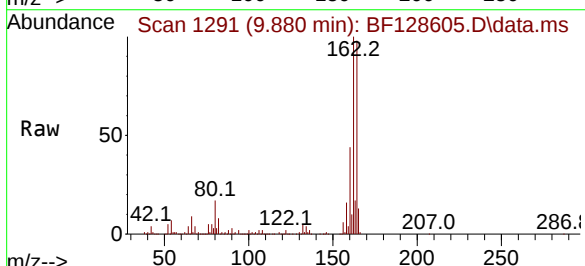
Tgt Ion:165 Resp: 21998

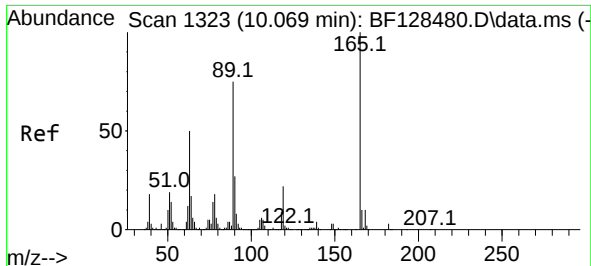
Ion Ratio Lower Upper

165 100

63 1.7 44.9 67.3#

89 1.7 43.6 65.4#

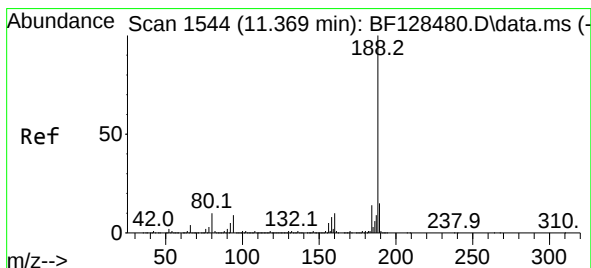
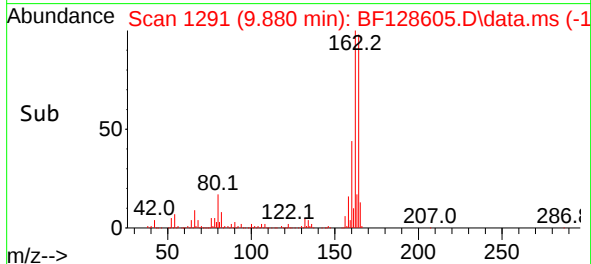
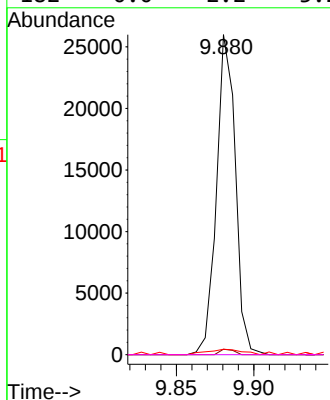
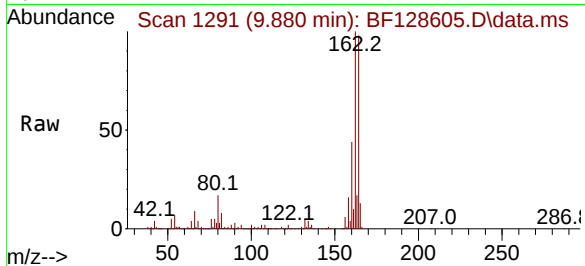




#57
2,4-Dinitrotoluene
Concen: 9.133 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF128605.D
Acq: 31 May 2022 20:30

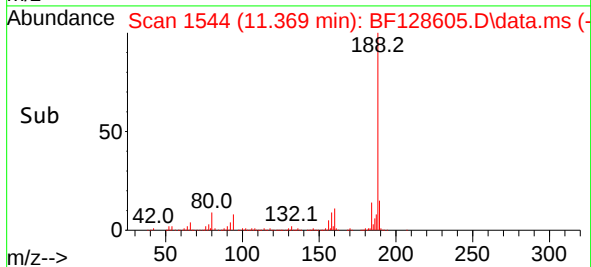
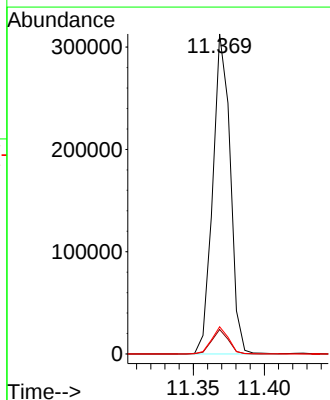
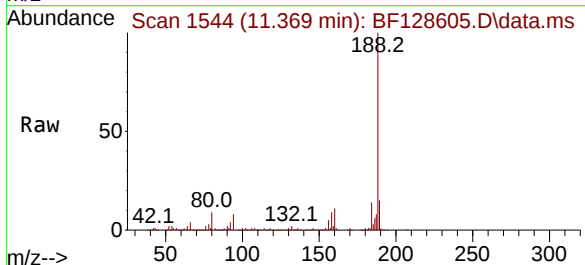
Instrument :
BNA_F
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P037-SS001-0612-01

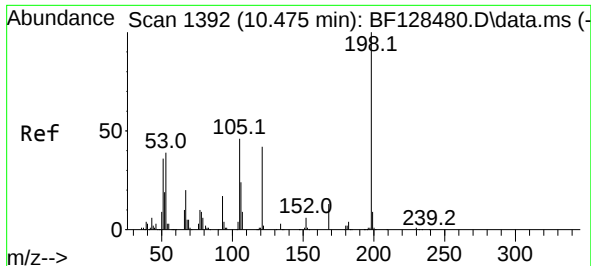
Tgt Ion:165 Resp: 21998
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.7 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF128605.D
Acq: 31 May 2022 20:30

Tgt Ion:188 Resp: 267957
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 8.5 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.661 ng

RT: 10.680 min Scan# 1427

Delta R.T. 0.205 min

Lab File: BF128605.D

Acq: 31 May 2022 20:30

Instrument :

BNA_F

ClientSampleId :

P037-SS001-0612-01

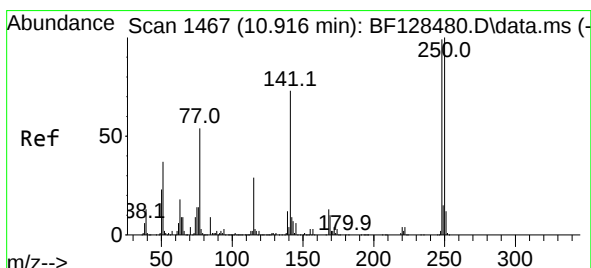
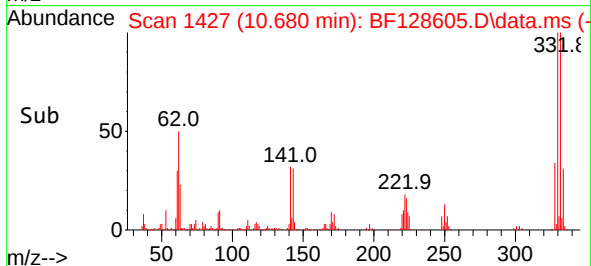
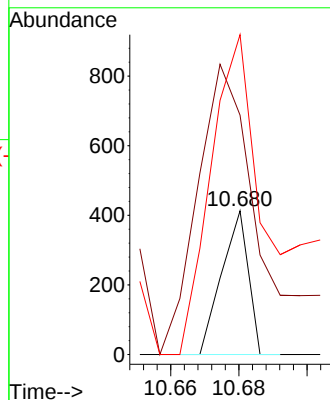
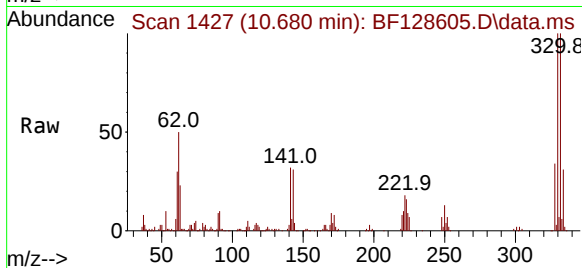
Tgt Ion:198 Resp: 223

Ion Ratio Lower Upper

198 100 37.6 77.6#

51 166.6 27.0 67.0#

105 222.5 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 3.177 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.236 min

Lab File: BF128605.D

Acq: 31 May 2022 20:30

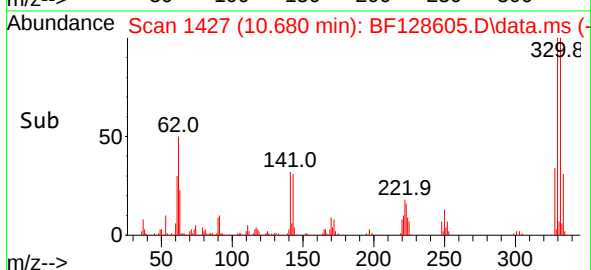
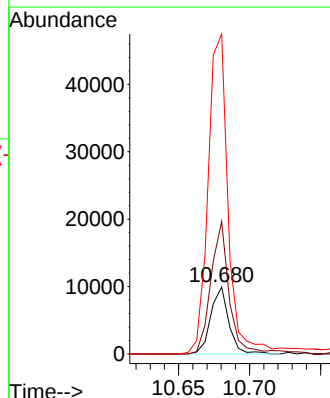
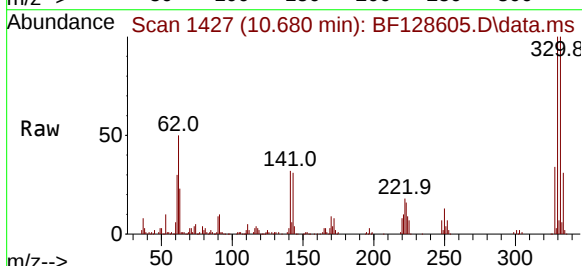
Tgt Ion:248 Resp: 8796

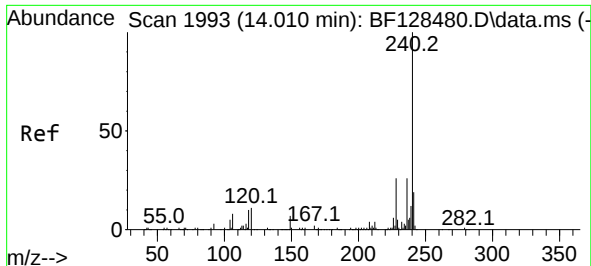
Ion Ratio Lower Upper

248 100 80.6 120.8#

250 197.4 58.9 88.3#

141 477.0 58.9 88.3#

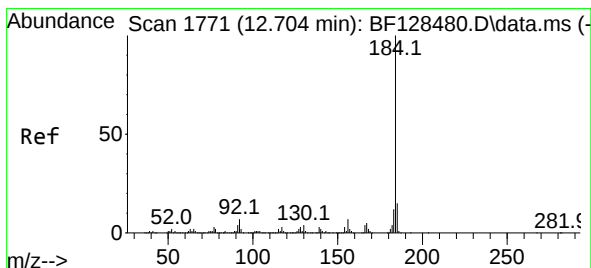
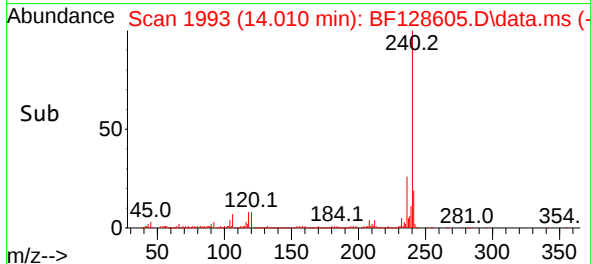
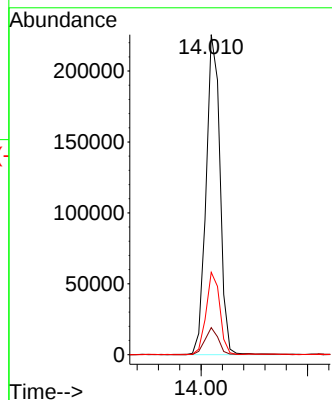
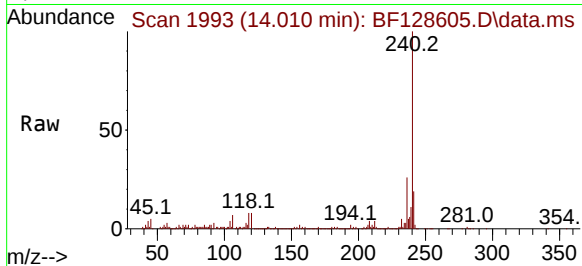




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BF128605.D
Acq: 31 May 2022 20:30

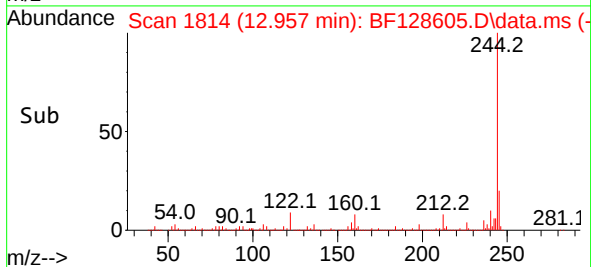
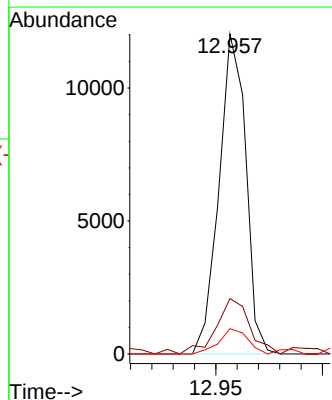
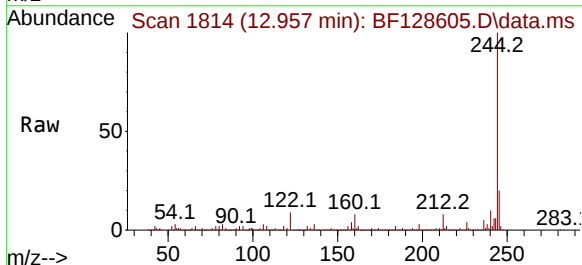
Instrument :
BNA_F
ClientSampleId :
P037-SS001-0612-01

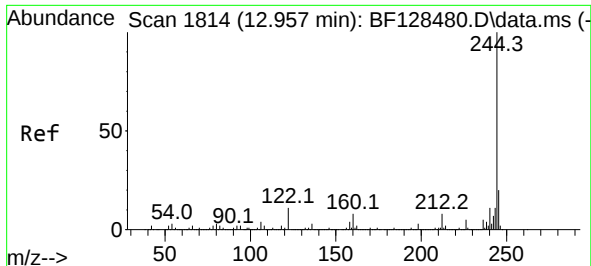
Tgt Ion:240 Resp: 205041
Ion Ratio Lower Upper
240 100
120 8.4 8.9 13.3#
236 25.7 20.8 31.2



#77
Benzidine
Concen: 2.225 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.253 min
Lab File: BF128605.D
Acq: 31 May 2022 20:30

Tgt Ion:184 Resp: 10524
Ion Ratio Lower Upper
184 100
185 17.3 11.9 17.9
183 7.9 9.3 13.9#

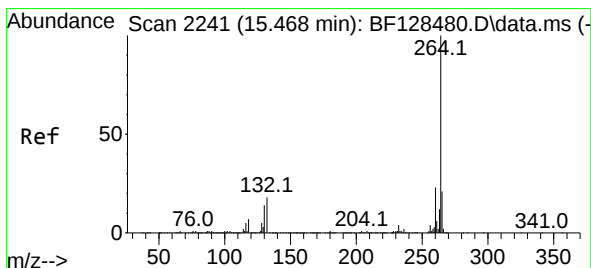
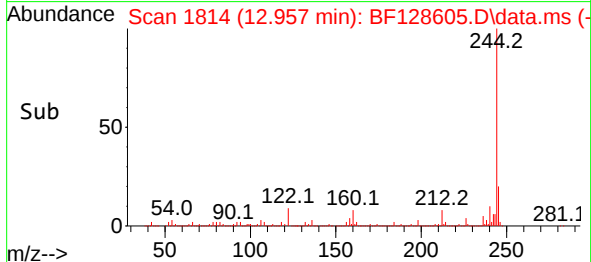
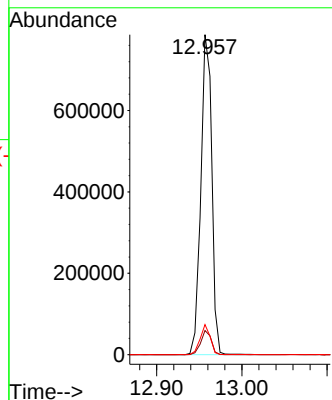
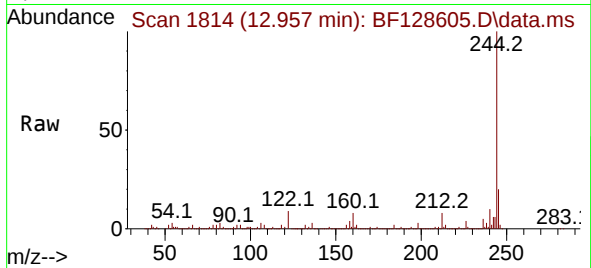




#79
 Terphenyl-d14
 Concen: 66.135 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128605.D
 Acq: 31 May 2022 20:30

Instrument :
 BNA_F
 ClientSampleId :
 P037-SS001-0612-01

Tgt Ion:244 Resp: 701898
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 9.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2244
 Delta R.T. 0.017 min
 Lab File: BF128605.D
 Acq: 31 May 2022 20:30

Tgt Ion:264 Resp: 154166
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.4 27.6
 265 20.9 17.2 25.8

