

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
 Data File : BF128583.D
 Acq On : 29 May 2022 20:59
 Operator : CG\JU
 Sample : N2951-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P036-SS001-0612-02

Quant Time: May 30 00:52:57 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)

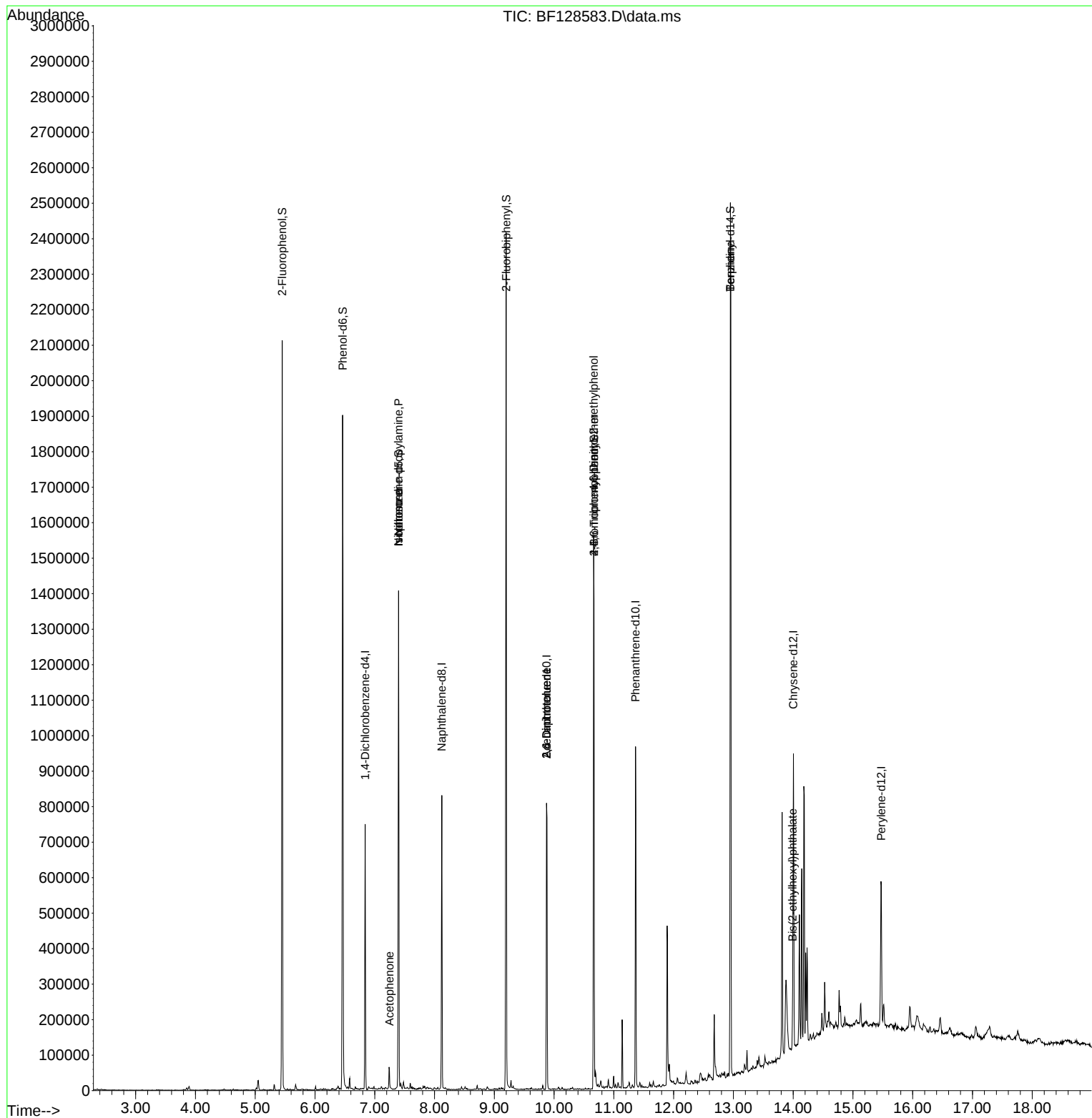
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	91014	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	310575	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	167607	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	337652	20.000	ng	0.00
76) Chrysene-d12	14.004	240	267481	20.000	ng	0.00
86) Perylene-d12	15.474	264	198169	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	491015	89.362	ng	0.00
7) Phenol-d6	6.463	99	577864	82.483	ng	0.00
23) Nitrobenzene-d5	7.398	82	386518	71.794	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	175011	109.702	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	670419	64.985	ng	0.00
79) Terphenyl-d14	12.951	244	844558	61.001	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.386	77	2083	Below Cal		98
19) n-Nitroso-di-n-propyla...	7.398	70	53671	12.495 ng	#	79
22) Acetophenone	7.245	105	16578	2.315 ng	#	93
25) Isophorone	7.398	82	384872	38.753 ng	#	65
51) 2,6-Dinitrotoluene	9.874	165	21037	10.558 ng	#	26
57) 2,4-Dinitrotoluene	9.874	165	21037	8.825 ng	#	22
65) 4,6-Dinitro-2-methylph...	10.663	198	407	5.733 ng	#	1
67) 4-Bromophenyl-phenylether	10.669	248	11319	3.245 ng	#	1
77) Benzidine	12.951	184	12889	2.089 ng	#	93
84) Bis(2-ethylhexyl)phtha...	13.992	149	22821	2.220 ng		97

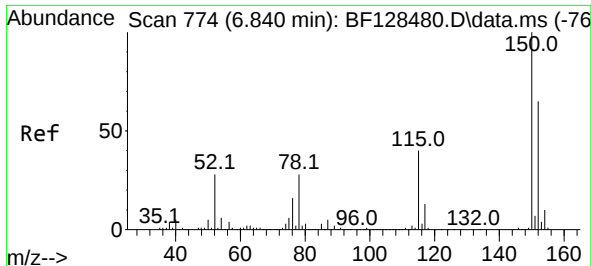
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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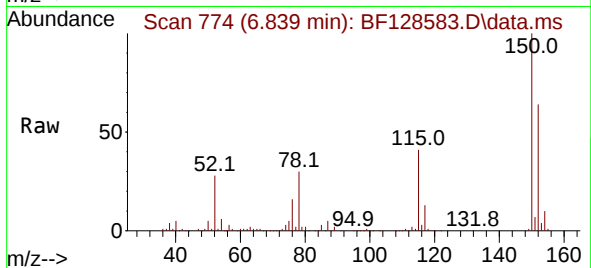
Quant Time: May 30 00:52:57 2022
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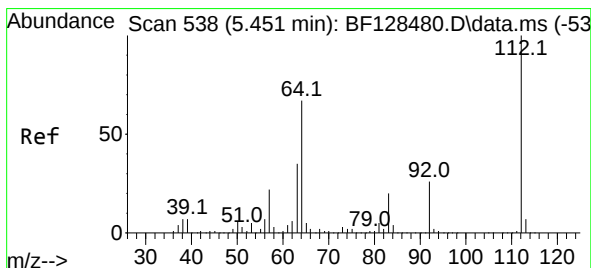
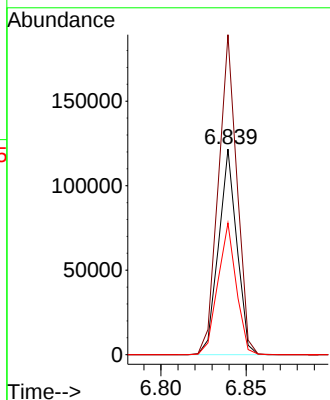
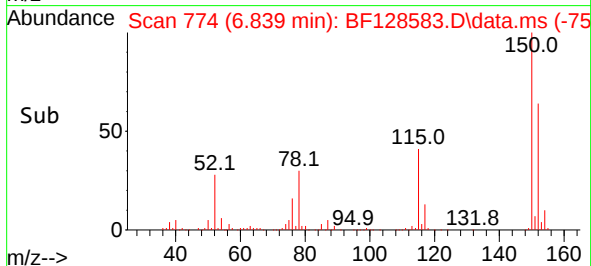


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128583.D
Acq: 29 May 2022 20:59

Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-02

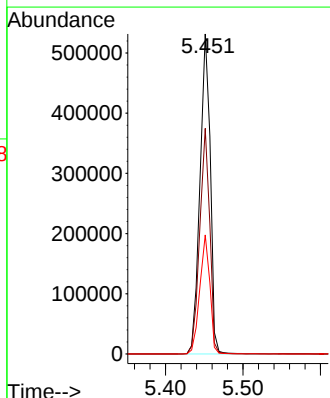
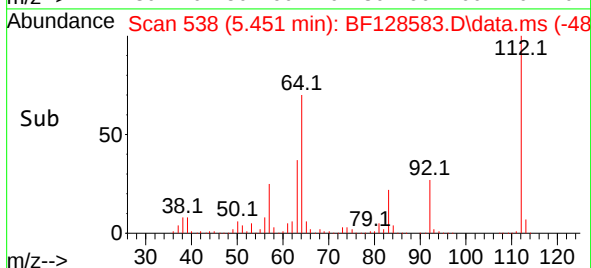
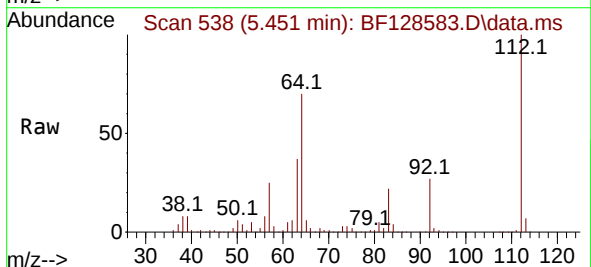


Tgt Ion:152 Resp: 91014
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 64.1 49.9 74.9



#5
2-Fluorophenol
Concen: 89.362 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF128583.D
Acq: 29 May 2022 20:59

Tgt Ion:112 Resp: 491015
Ion Ratio Lower Upper
112 100
64 70.5 53.3 79.9
63 37.2 28.0 42.0

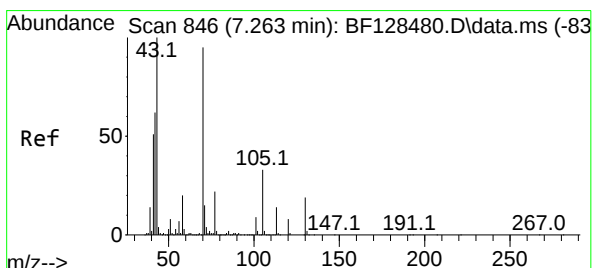
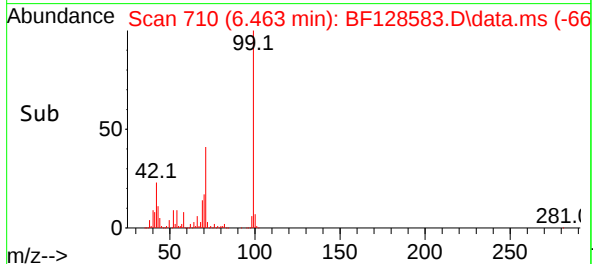
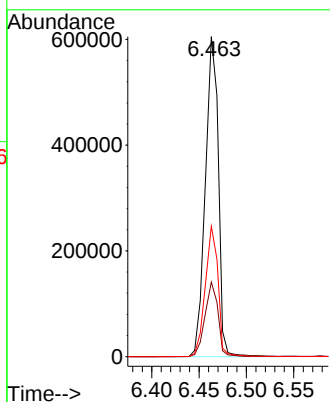
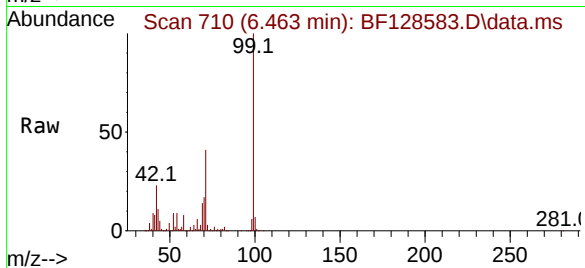




#7
Phenol-d6
Concen: 82.483 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128583.D
Acq: 29 May 2022 20:59

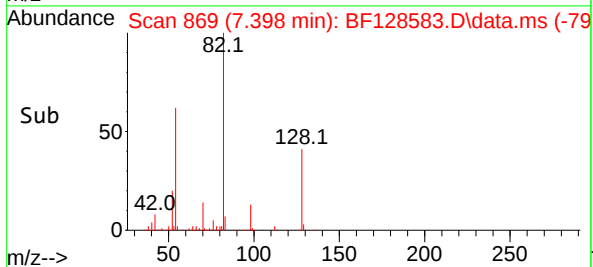
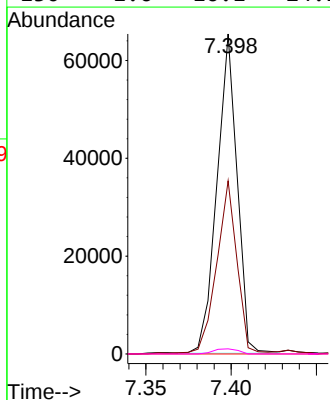
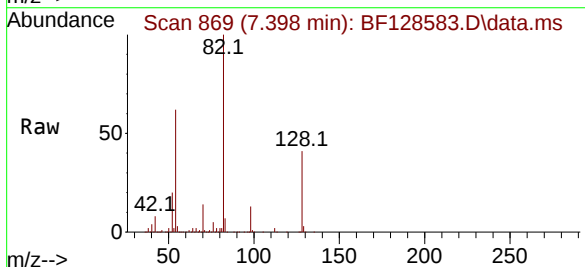
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-02

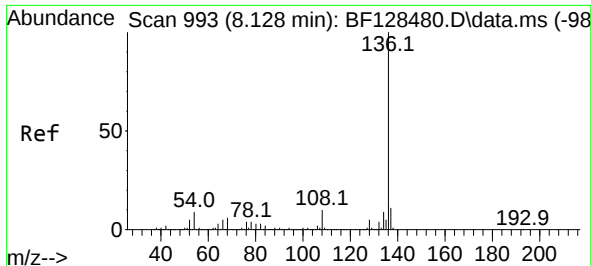
Tgt Ion: 99 Resp: 577864
Ion Ratio Lower Upper
99 100
42 23.3 17.3 25.9
71 40.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.495 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128583.D
Acq: 29 May 2022 20:59

Tgt Ion: 70 Resp: 53671
Ion Ratio Lower Upper
70 100
42 54.1 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: 8.122 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF128583.D

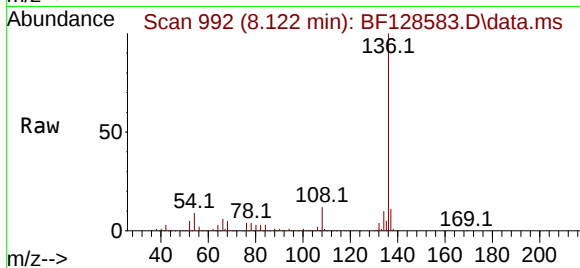
Acq: 29 May 2022 20:59

Instrument :

BNA_F

ClientSampleId :

P036-SS001-0612-02



Tgt Ion:136 Resp: 310575

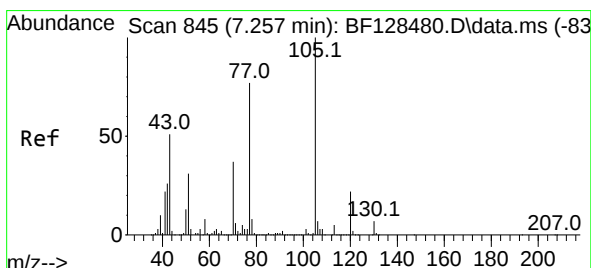
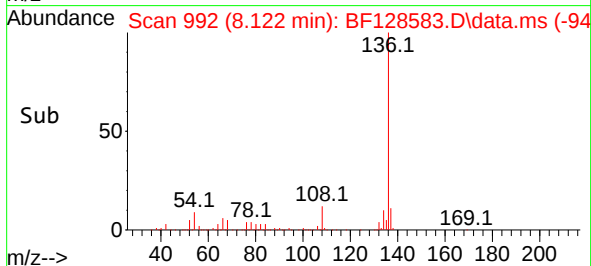
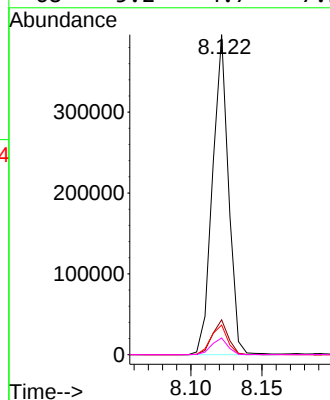
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.2 7.5 11.3

68 5.2 4.7 7.1



#22

Acetophenone

Concen: 2.315 ng

RT: 7.245 min Scan# 843

Delta R.T. -0.012 min

Lab File: BF128583.D

Acq: 29 May 2022 20:59

Tgt Ion:105 Resp: 16578

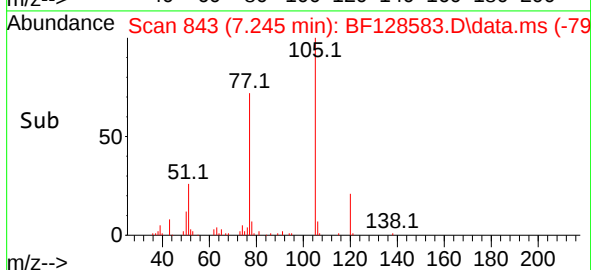
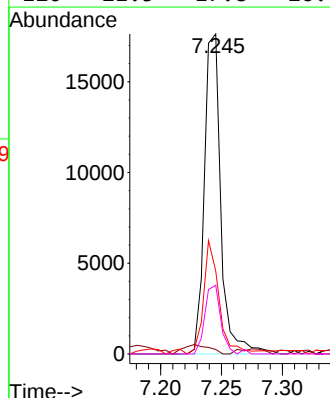
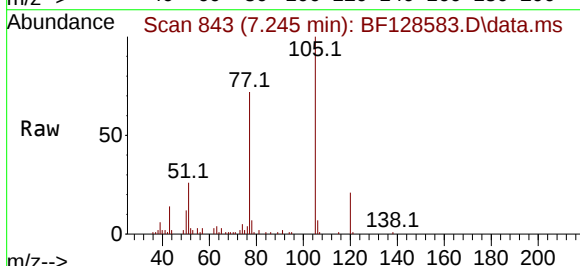
Ion Ratio Lower Upper

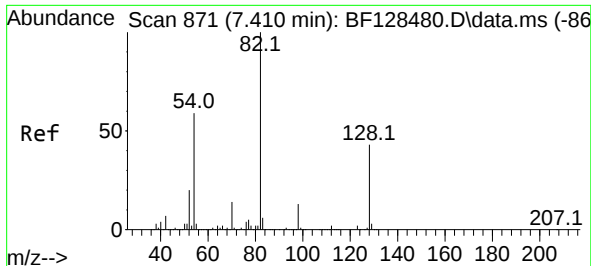
105 100

71 1.4 5.0 7.4#

51 26.0 25.0 37.4

120 21.5 17.8 26.8

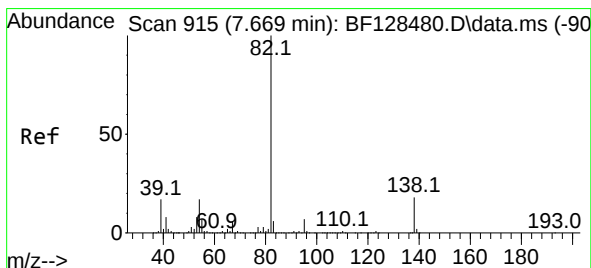
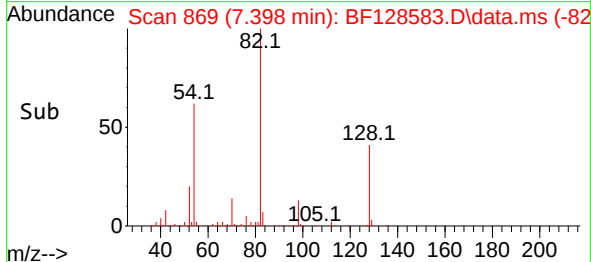
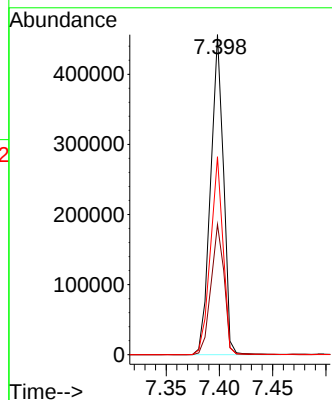
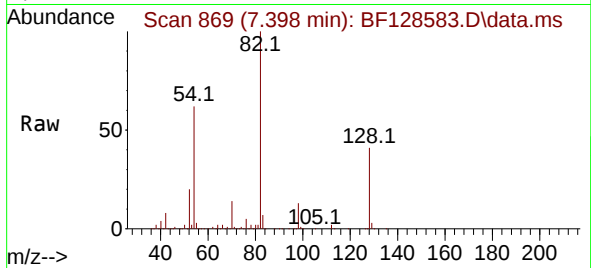




#23
Nitrobenzene-d5
Concen: 71.794 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128583.D
Acq: 29 May 2022 20:59

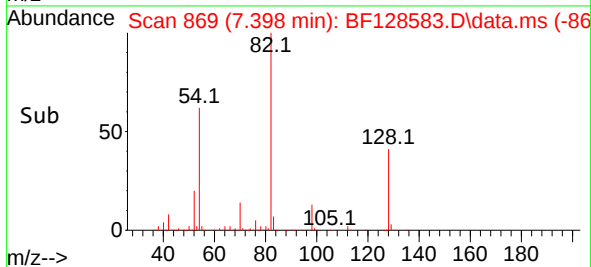
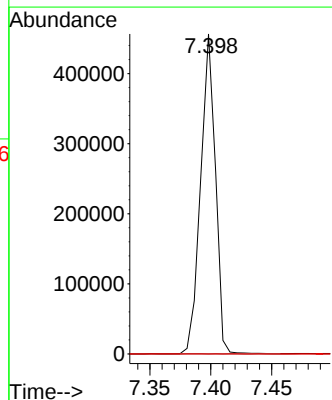
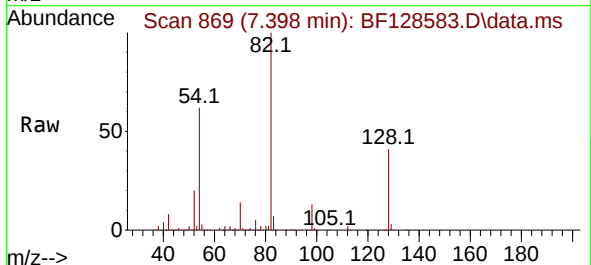
Instrument :
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P036-SS001-0612-02

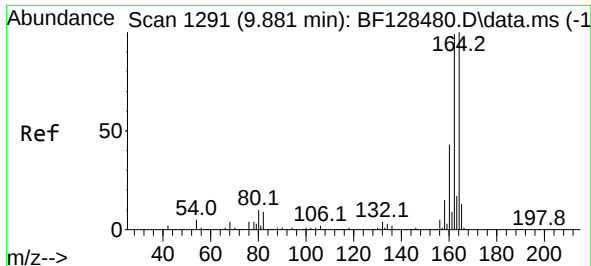
Tgt Ion: 82 Resp: 386518
Ion Ratio Lower Upper
82 100
128 40.7 34.0 51.0
54 61.9 46.9 70.3



#25
Isophorone
Concen: 38.753 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.271 min
Lab File: BF128583.D
Acq: 29 May 2022 20:59

Tgt Ion: 82 Resp: 384872
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#

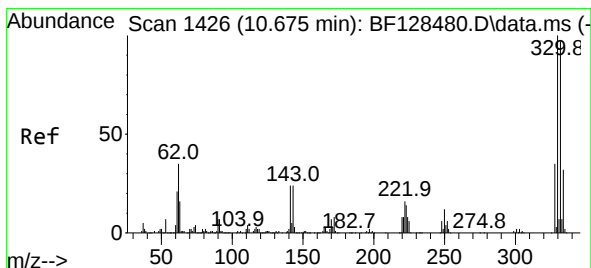
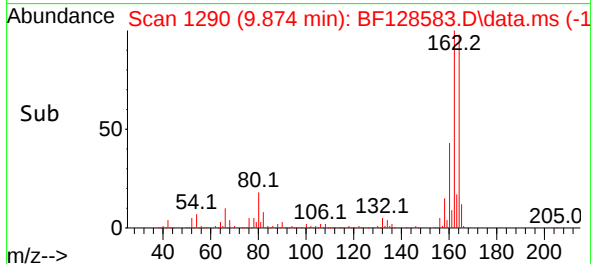
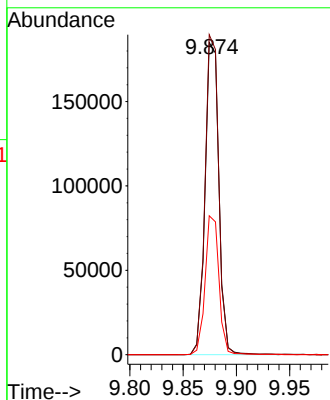
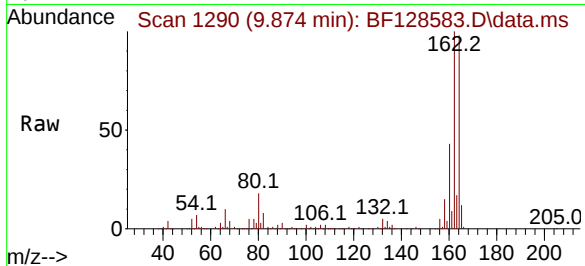




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.007 min
Lab File: BF128583.D
Acq: 29 May 2022 20:59

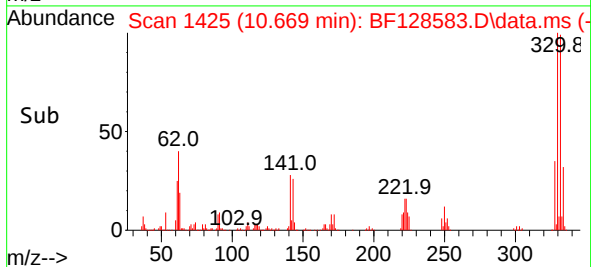
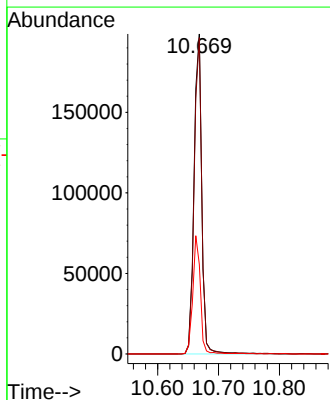
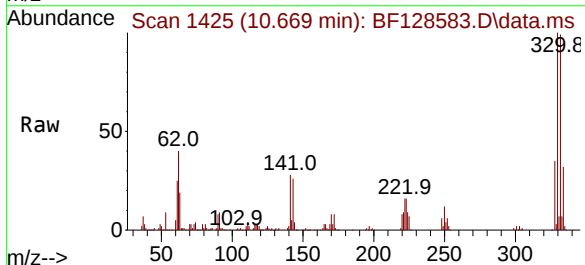
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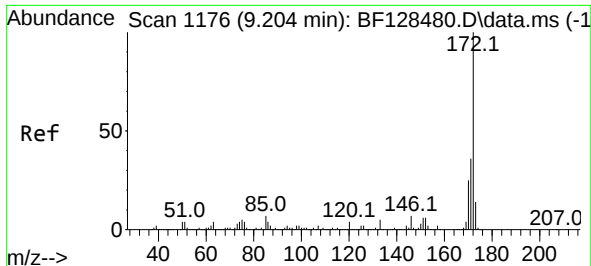
Tgt Ion:164 Resp: 167607
Ion Ratio Lower Upper
164 100
162 102.5 79.5 119.3
160 44.5 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 109.702 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF128583.D
Acq: 29 May 2022 20:59

Tgt Ion:330 Resp: 175011
Ion Ratio Lower Upper
330 100
332 97.4 76.8 115.2
141 36.1 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 64.985 ng

RT: 9.198 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF128583.D

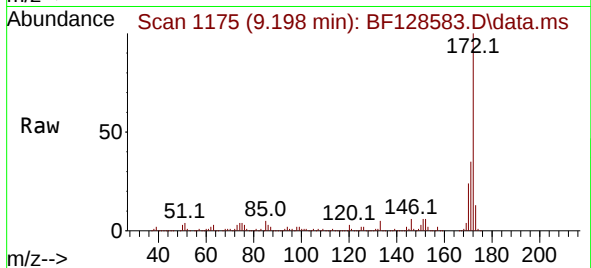
Acq: 29 May 2022 20:59

Instrument :

BNA_F

ClientSampleId :

P036-SS001-0612-02



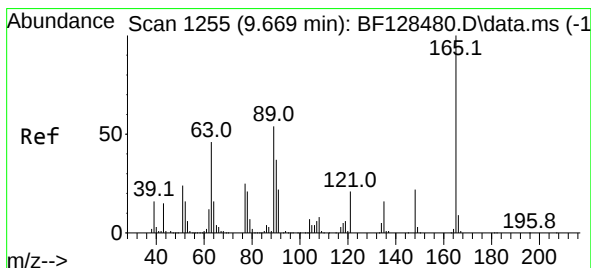
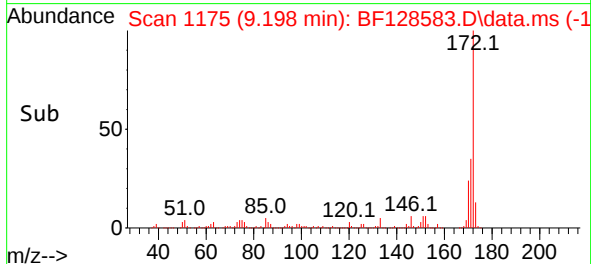
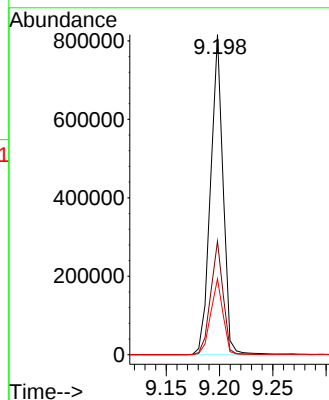
Tgt Ion:172 Resp: 670419

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.7 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 10.558 ng

RT: 9.874 min Scan# 1290

Delta R.T. 0.206 min

Lab File: BF128583.D

Acq: 29 May 2022 20:59

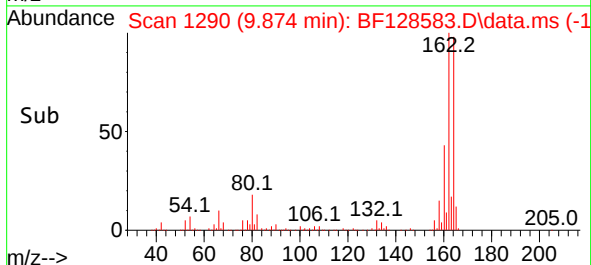
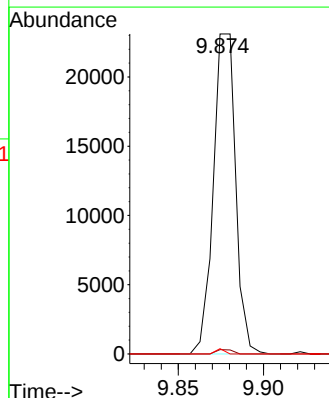
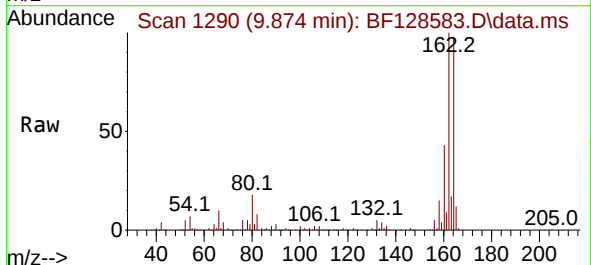
Tgt Ion:165 Resp: 21037

Ion Ratio Lower Upper

165 100

63 1.3 44.9 67.3#

89 1.6 43.6 65.4#

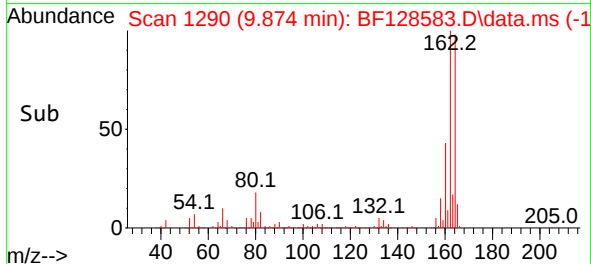
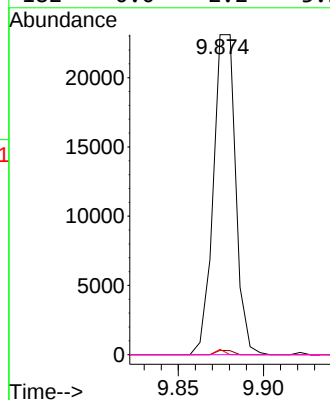
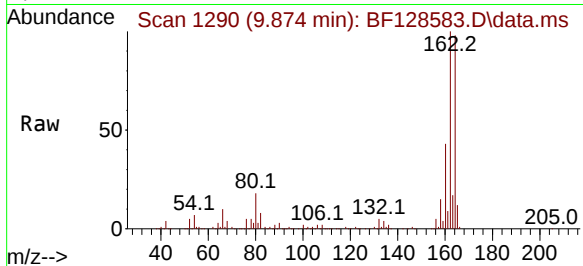




#57
2,4-Dinitrotoluene
Concen: 8.825 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128583.D
Acq: 29 May 2022 20:59

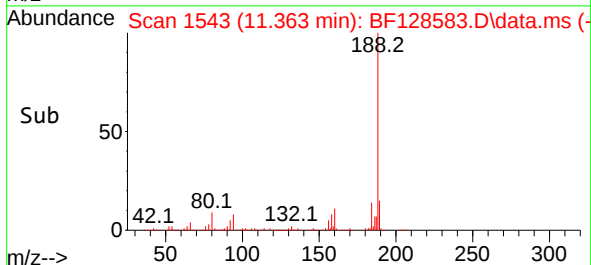
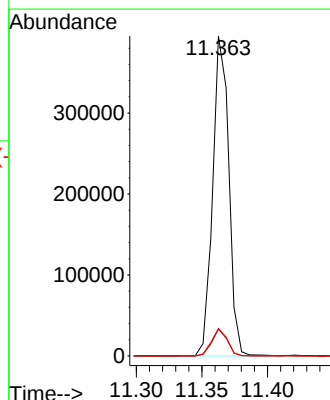
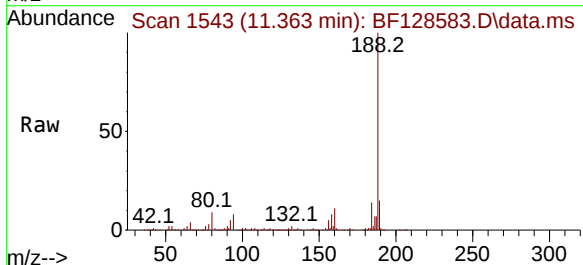
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-02

Tgt Ion:165 Resp: 21037
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128583.D
Acq: 29 May 2022 20:59

Tgt Ion:188 Resp: 337652
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 8.6 7.6 11.4

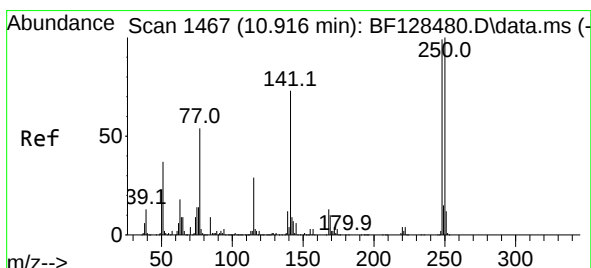
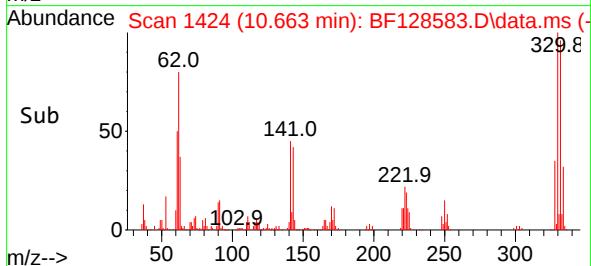
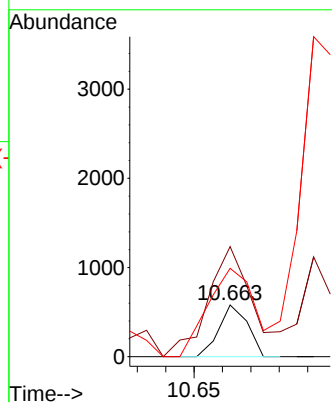
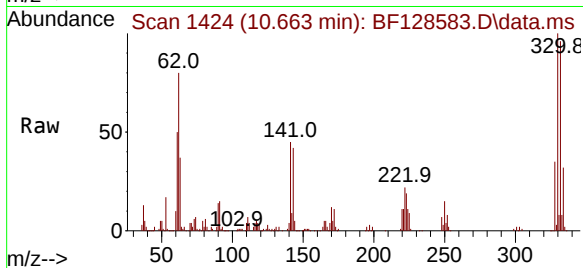




#65
4,6-Dinitro-2-methylphenol
Concen: 5.733 ng
RT: 10.663 min Scan# 141
Delta R.T. 0.188 min
Lab File: BF128583.D
Acq: 29 May 2022 20:59

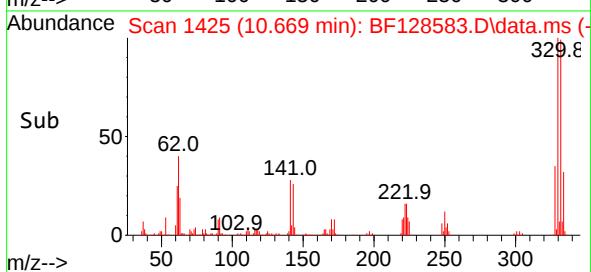
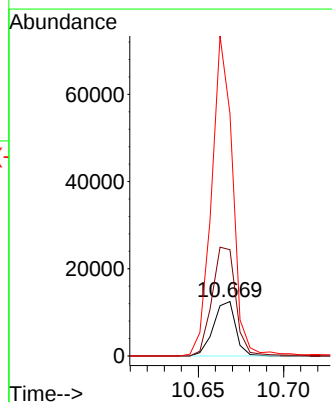
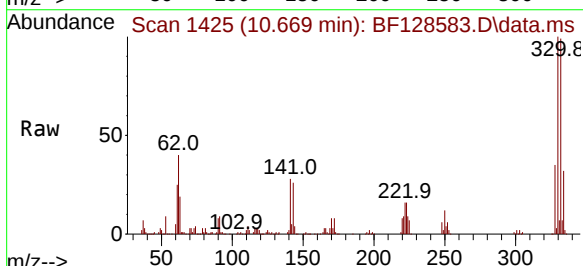
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-02

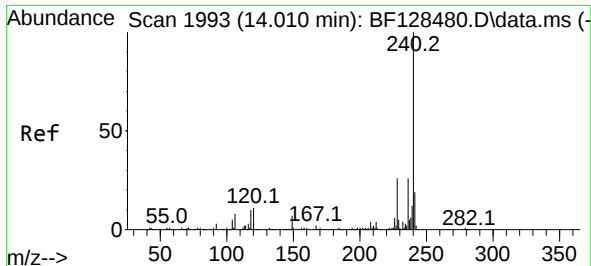
Tgt Ion:198 Resp: 407
Ion Ratio Lower Upper
198 100
51 213.1 37.6 77.6#
105 171.2 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.245 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.247 min
Lab File: BF128583.D
Acq: 29 May 2022 20:59

Tgt Ion:248 Resp: 11319
Ion Ratio Lower Upper
248 100
250 195.5 80.6 120.8#
141 445.8 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF128583.D

Acq: 29 May 2022 20:59

Instrument :

BNA_F

ClientSampleId :

P036-SS001-0612-02

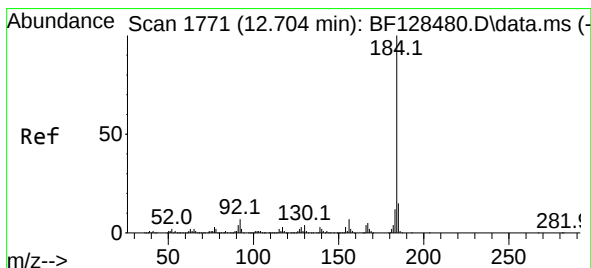
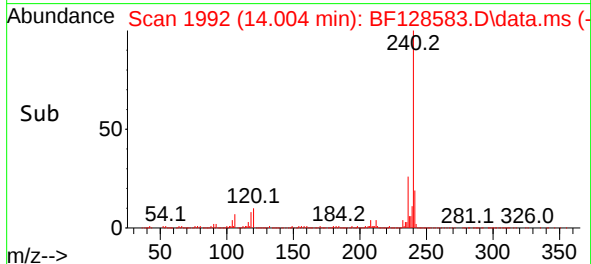
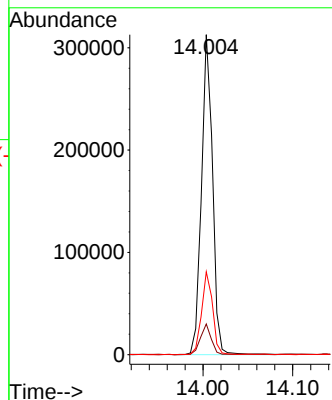
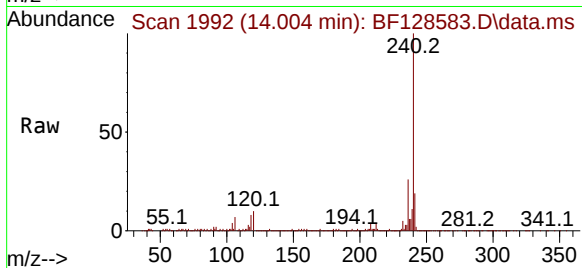
Tgt Ion:240 Resp: 267481

Ion Ratio Lower Upper

240 100

120 9.6 8.9 13.3

236 25.9 20.8 31.2



#77

Benzidine

Concen: 2.089 ng

RT: 12.951 min Scan# 1813

Delta R.T. 0.247 min

Lab File: BF128583.D

Acq: 29 May 2022 20:59

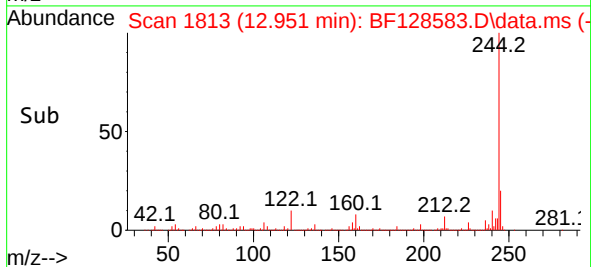
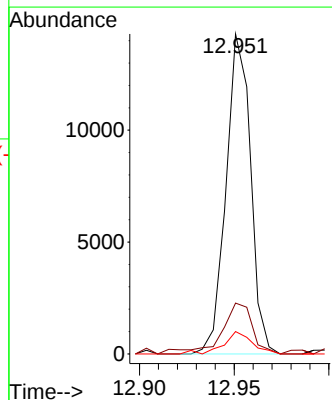
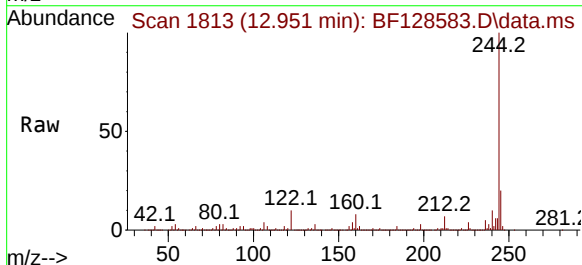
Tgt Ion:184 Resp: 12889

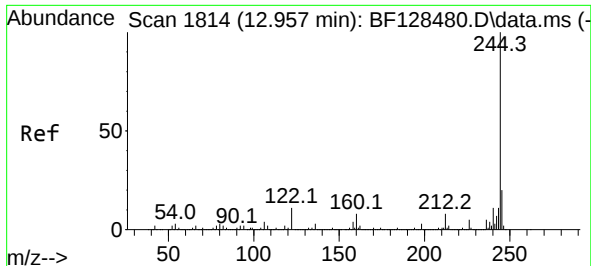
Ion Ratio Lower Upper

184 100

185 15.9 11.9 17.9

183 7.0 9.3 13.9#

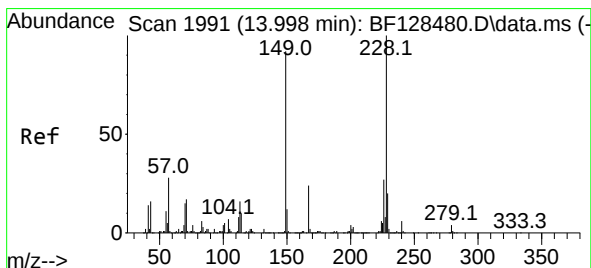
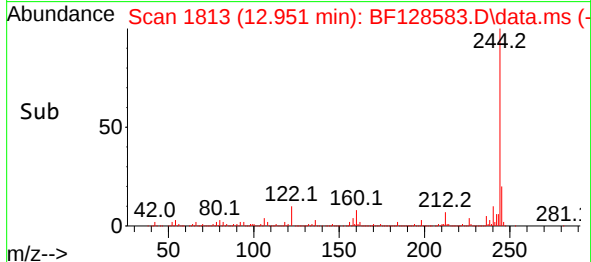
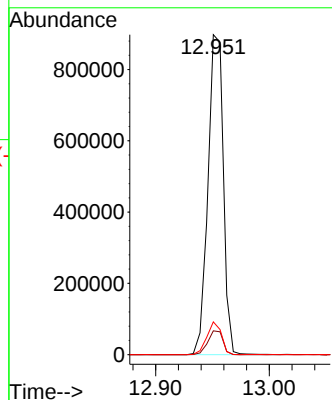
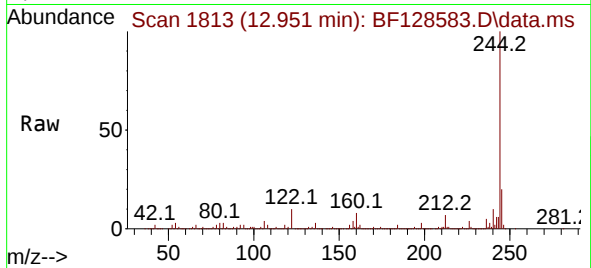




#79
 Terphenyl-d14
 Concen: 61.001 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF128583.D
 Acq: 29 May 2022 20:59

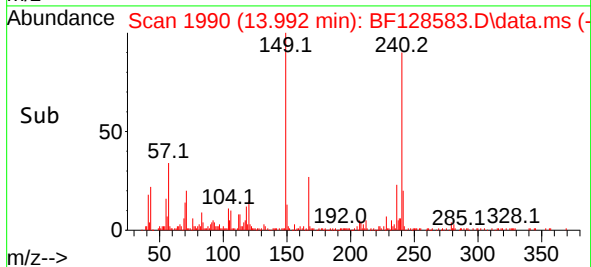
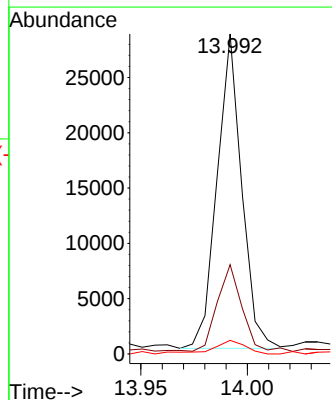
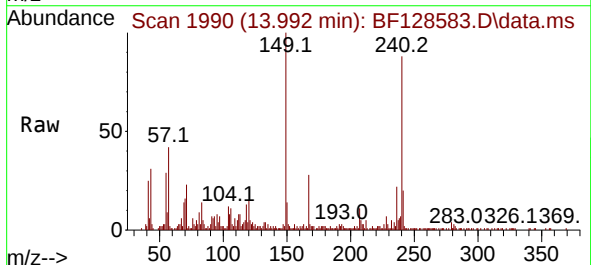
Instrument :
 BNA_F
 ClientSampleId :
 P036-SS001-0612-02

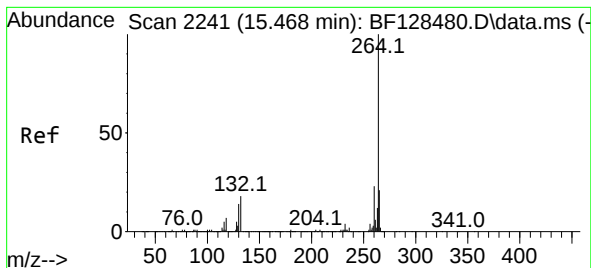
Tgt Ion:244 Resp: 844558
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 10.3 8.8 13.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.220 ng
 RT: 13.992 min Scan# 1990
 Delta R.T. -0.006 min
 Lab File: BF128583.D
 Acq: 29 May 2022 20:59

Tgt Ion:149 Resp: 22821
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.0 31.4
 279 4.3 3.1 4.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128583.D

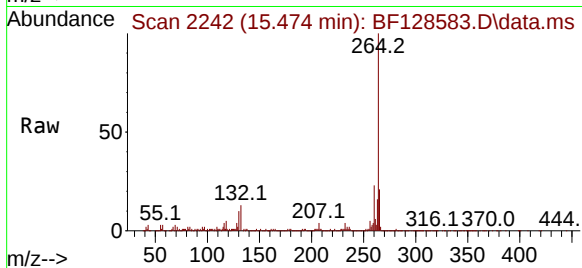
Acq: 29 May 2022 20:59

Instrument :

BNA_F

ClientSampleId :

P036-SS001-0612-02



Tgt Ion:264 Resp: 198169

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.2 17.2 25.8

