

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128557.D
 Acq On : 28 May 2022 19:38
 Operator : CG\JU
 Sample : N2931-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P009-SS003-0612-01

Quant Time: May 28 22:43:38 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)

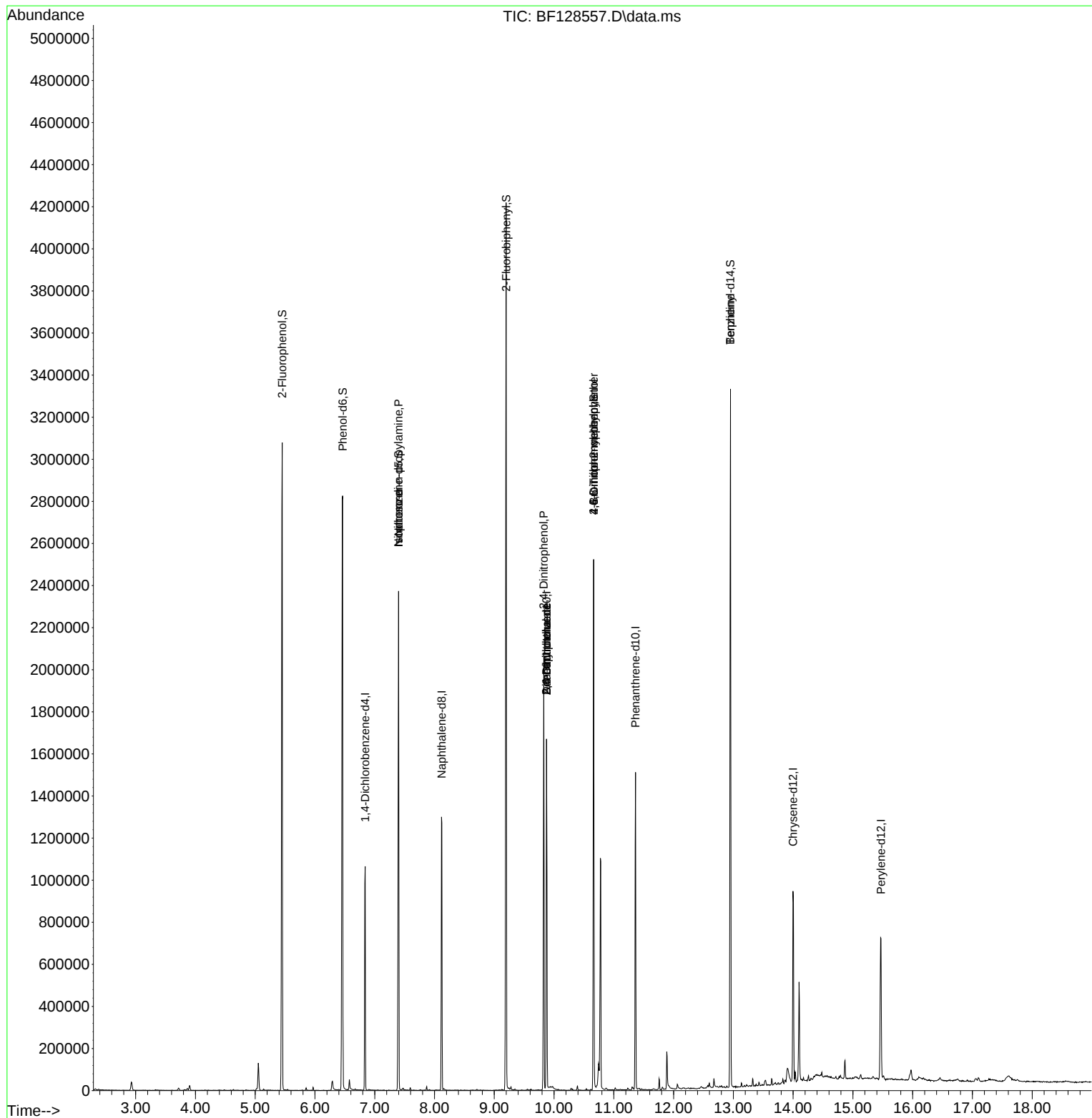
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	150203	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	569111	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	308940	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	522764	20.000	ng	0.00
76) Chrysene-d12	13.998	240	328798	20.000	ng	-0.01
86) Perylene-d12	15.468	264	318201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	795614	87.739	ng	0.00
7) Phenol-d6	6.463	99	1049535	90.775	ng	0.00
23) Nitrobenzene-d5	7.398	82	686643	69.602	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	267818	91.076	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1235600	64.977	ng	0.00
79) Terphenyl-d14	12.951	244	1090705	64.088	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	128	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	95575	13.482	ng	# 80
25) Isophorone	7.398	82	683623	37.564	ng	# 65
50) Dimethylphthalate	9.875	163	54521	2.721	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	39921	10.870	ng	# 26
54) 2,4-Dinitrophenol	9.828	184	315	6.974	ng	# 1
57) 2,4-Dinitrotoluene	9.875	165	39921	9.085	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	665	5.746	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	17793	3.294	ng	# 1
77) Benzidine	12.951	184	15646	2.063	ng	# 93

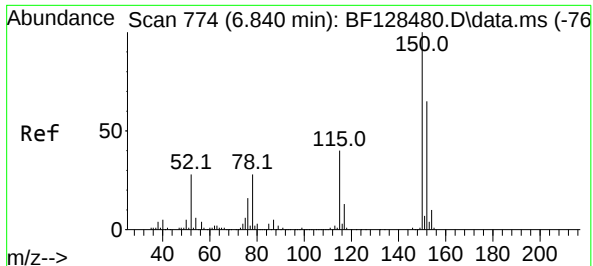
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
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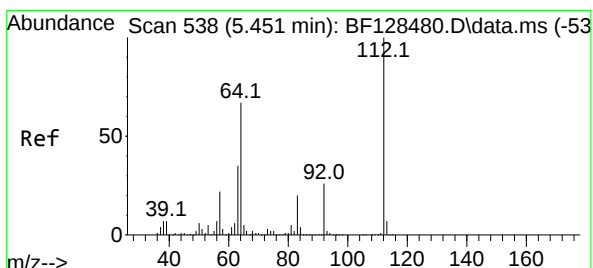
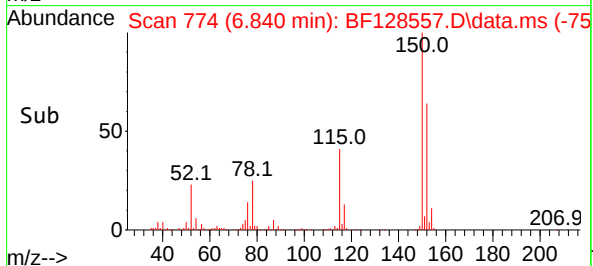
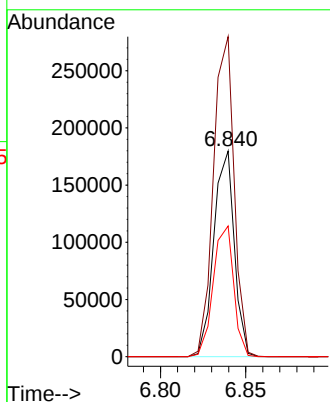
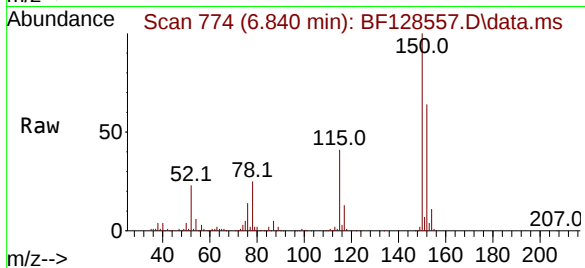




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF128557.D
Acq: 28 May 2022 19:38

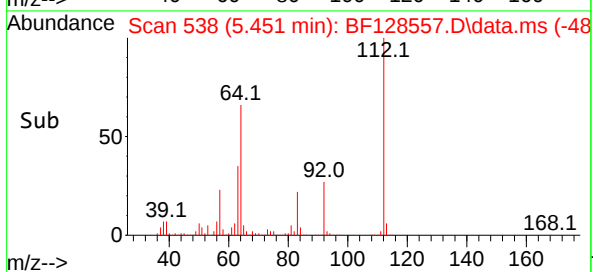
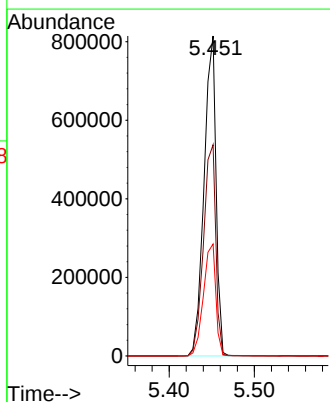
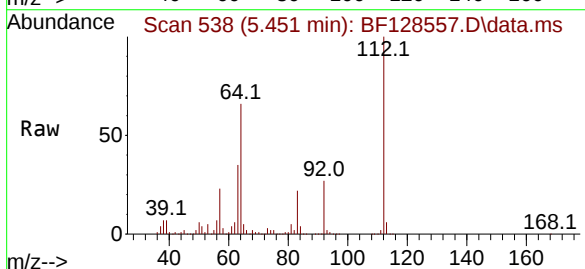
Instrument :
BNA_F
ClientSampleId :
P009-SS003-0612-01

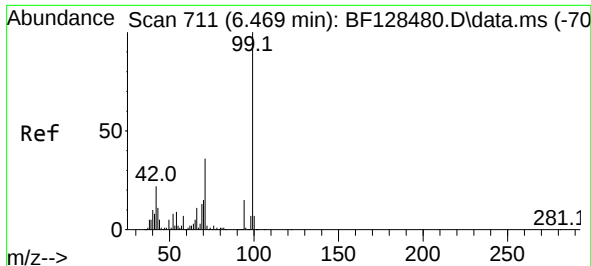
Tgt Ion:152 Resp: 150203
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 63.5 49.9 74.9



#5
2-Fluorophenol
Concen: 87.739 ng
RT: 5.451 min Scan# 538
Delta R.T. 0.000 min
Lab File: BF128557.D
Acq: 28 May 2022 19:38

Tgt Ion:112 Resp: 795614
Ion Ratio Lower Upper
112 100
64 66.0 53.3 79.9
63 35.0 28.0 42.0

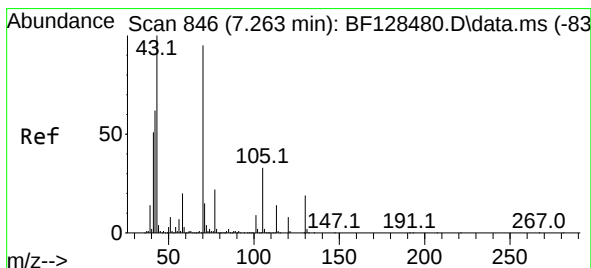
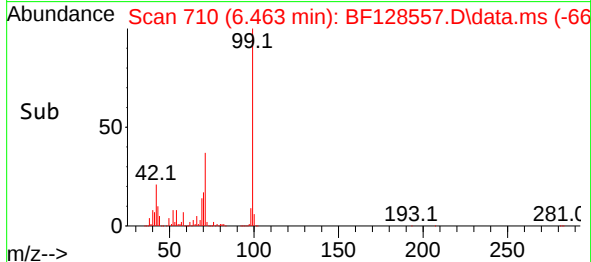
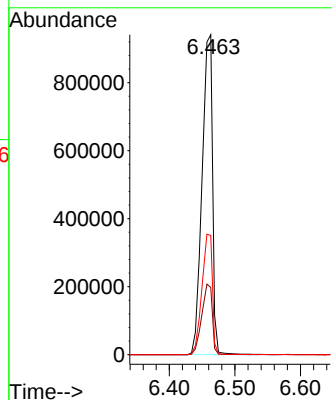
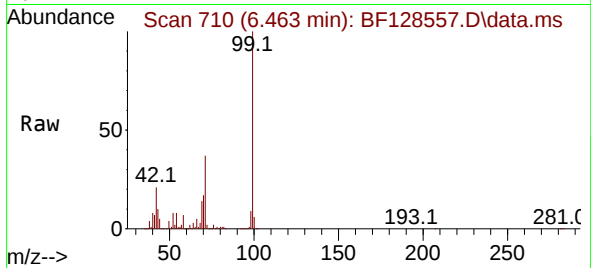




#7
Phenol-d6
Concen: 90.775 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128557.D
Acq: 28 May 2022 19:38

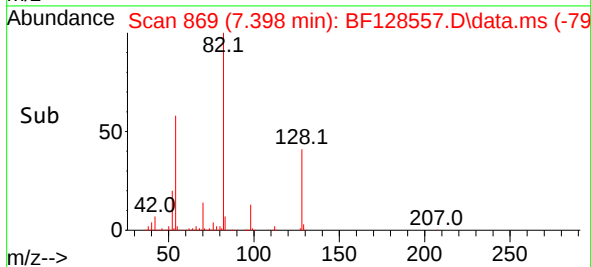
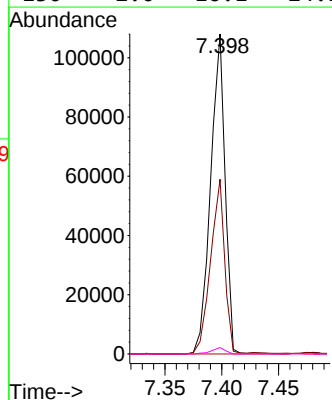
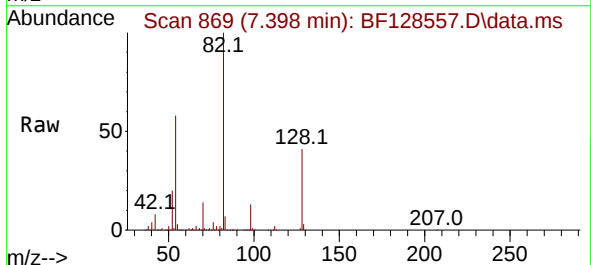
Instrument :
BNA_F
ClientSampleId :
P009-SS003-0612-01

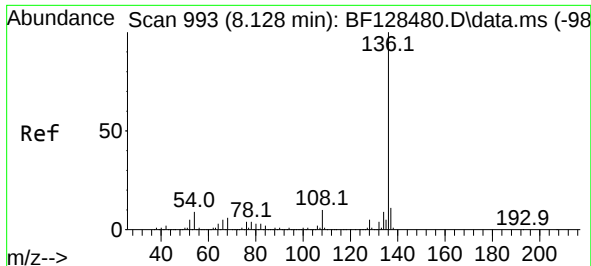
Tgt Ion: 99 Resp: 1049535
Ion Ratio Lower Upper
99 100
42 21.0 17.3 25.9
71 37.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.482 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128557.D
Acq: 28 May 2022 19:38

Tgt Ion: 70 Resp: 95575
Ion Ratio Lower Upper
70 100
42 54.6 52.3 78.5
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128557.D

Acq: 28 May 2022 19:38

Instrument :

BNA_F

ClientSampleId :

P009-SS003-0612-01

Tgt Ion:136 Resp: 569111

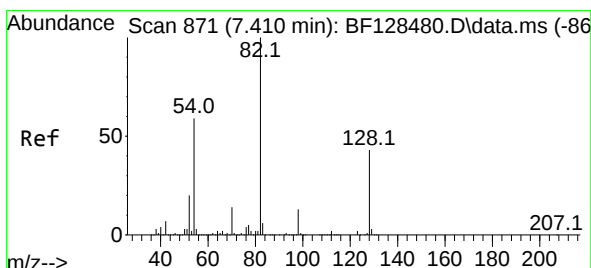
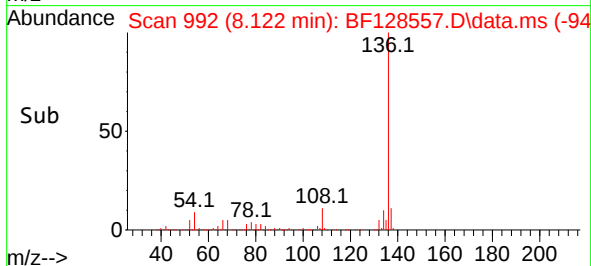
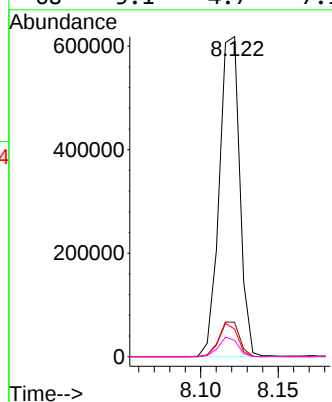
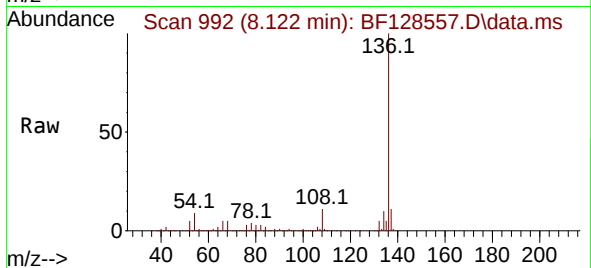
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.6 7.5 11.3

68 5.1 4.7 7.1



#23

Nitrobenzene-d5

Concen: 69.602 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF128557.D

Acq: 28 May 2022 19:38

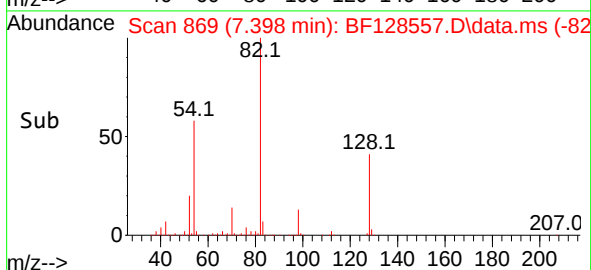
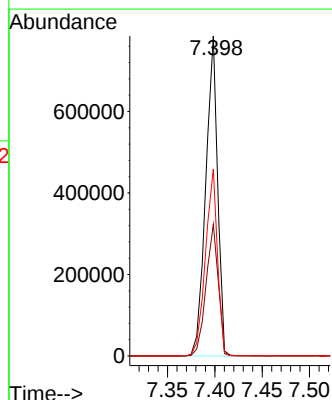
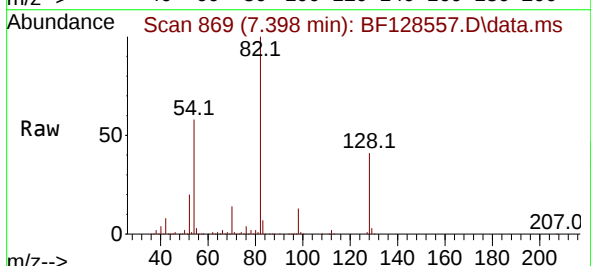
Tgt Ion: 82 Resp: 686643

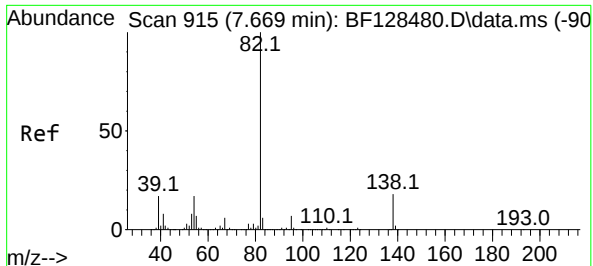
Ion Ratio Lower Upper

82 100

128 41.1 34.0 51.0

54 58.5 46.9 70.3

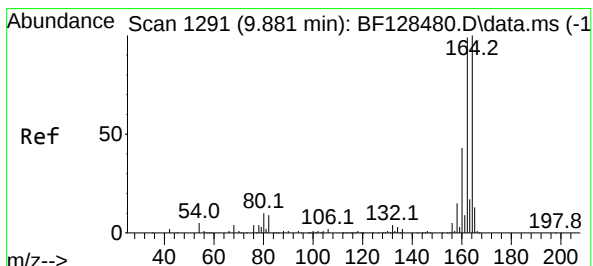
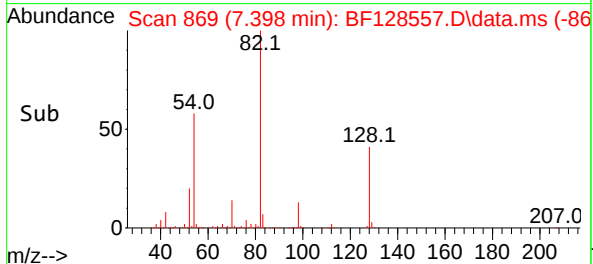
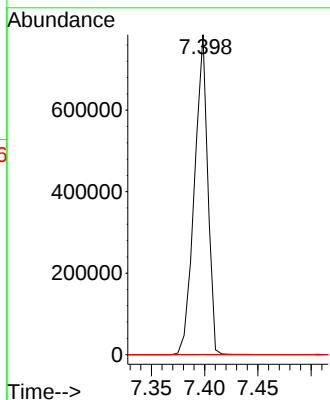
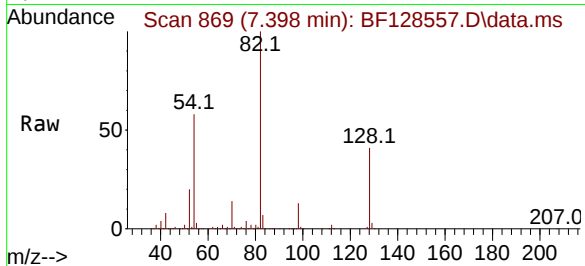




#25
Isophorone
Concen: 37.564 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128557.D
Acq: 28 May 2022 19:38

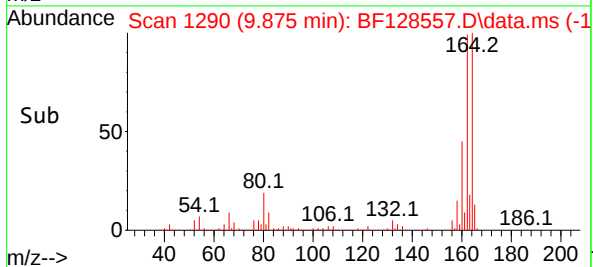
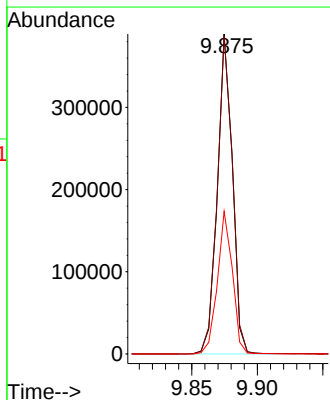
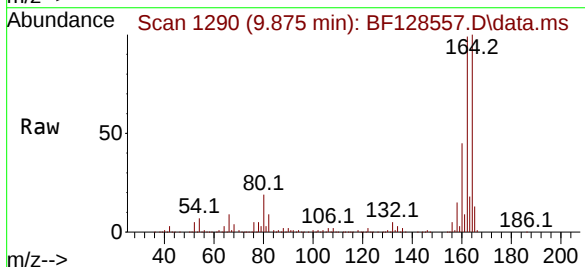
Instrument :
BNA_F
ClientSampleId :
P009-SS003-0612-01

Tgt Ion: 82 Resp: 683623
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: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128557.D
Acq: 28 May 2022 19:38

Tgt Ion:164 Resp: 308940
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 91.076 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128557.D

Acq: 28 May 2022 19:38

Instrument :

BNA_F

ClientSampleId :

P009-SS003-0612-01

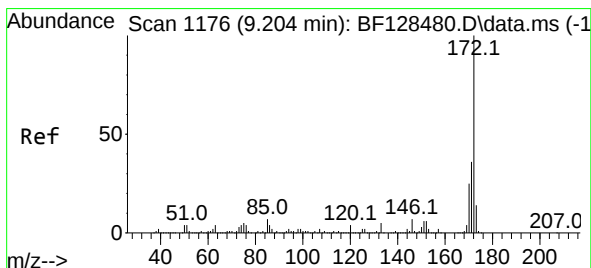
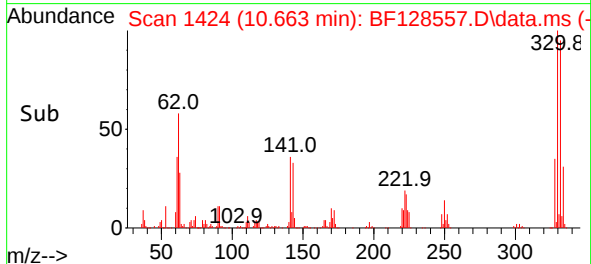
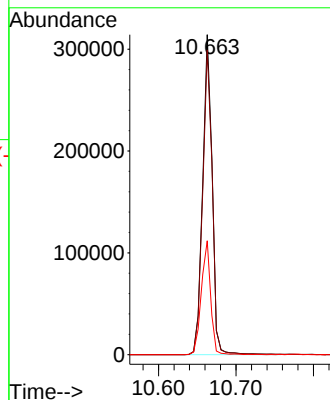
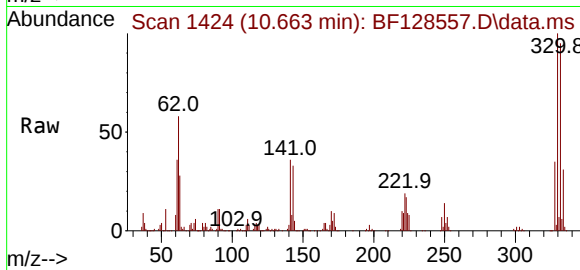
Tgt Ion:330 Resp: 267818

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 35.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.977 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128557.D

Acq: 28 May 2022 19:38

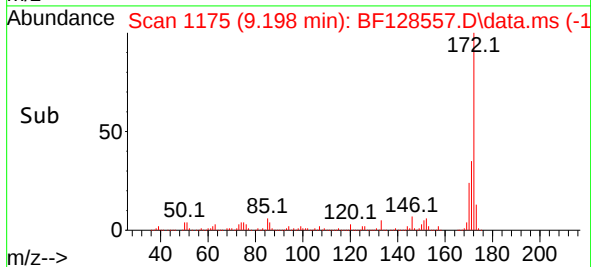
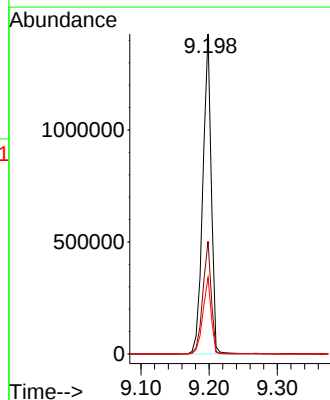
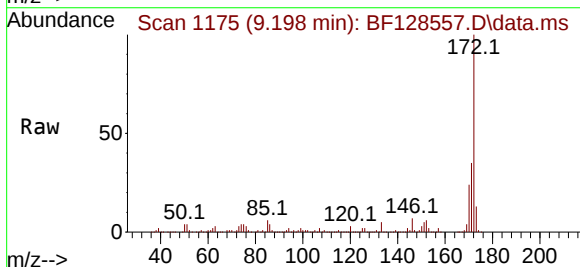
Tgt Ion:172 Resp: 1235600

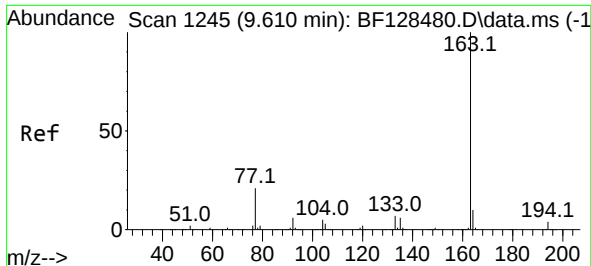
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.9 19.8 29.8

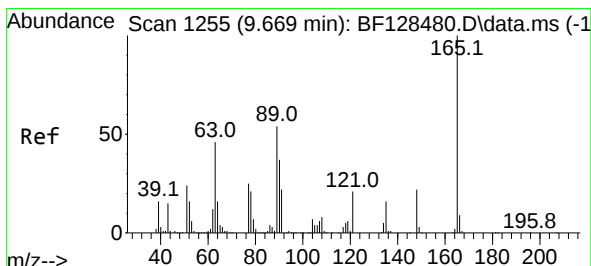
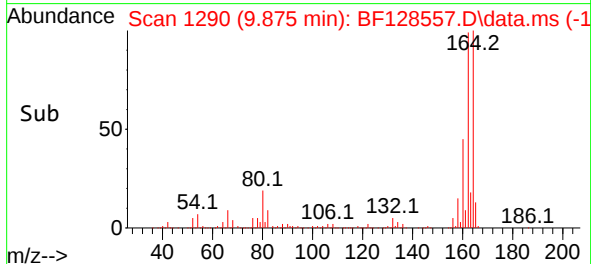
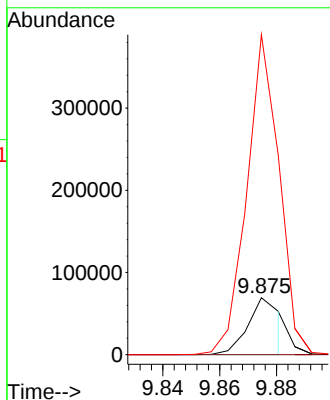
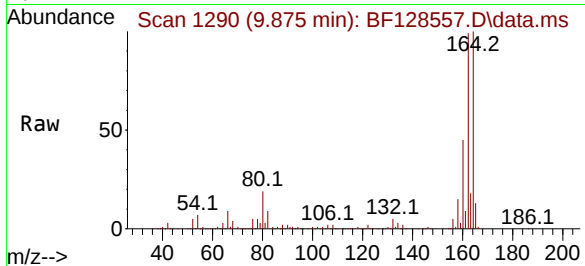




#50
Dimethylphthalate
Concen: 2.721 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128557.D
Acq: 28 May 2022 19:38

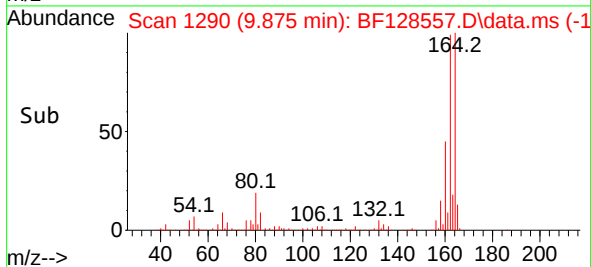
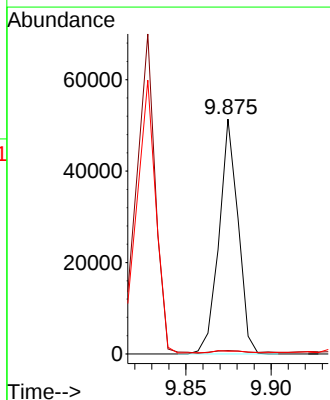
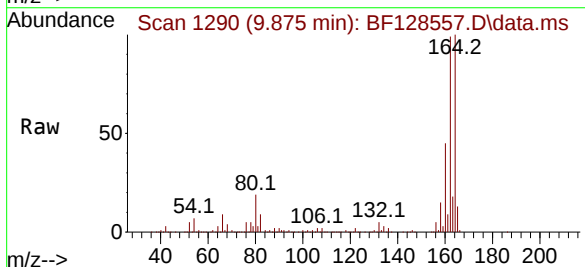
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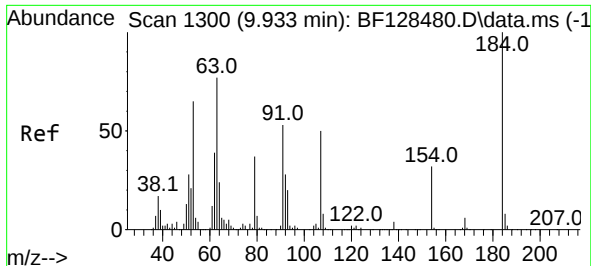
Tgt Ion:163 Resp: 54521
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 562.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.870 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128557.D
Acq: 28 May 2022 19:38

Tgt Ion:165 Resp: 39921
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 1.2 43.6 65.4#





#54

2,4-Dinitrophenol

Concen: 6.974 ng

RT: 9.828 min Scan# 11

Delta R.T. -0.105 min

Lab File: BF128557.D

Acq: 28 May 2022 19:38

Instrument :

BNA_F

ClientSampleId :

P009-SS003-0612-01

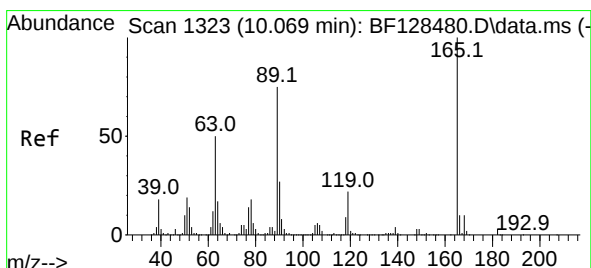
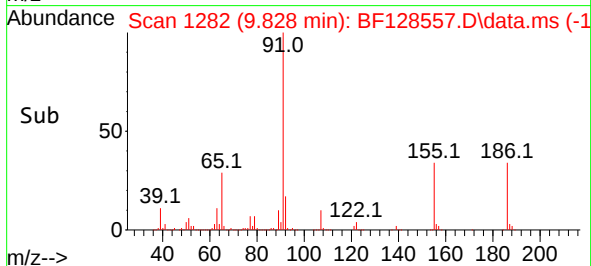
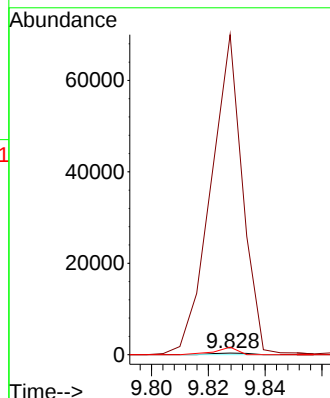
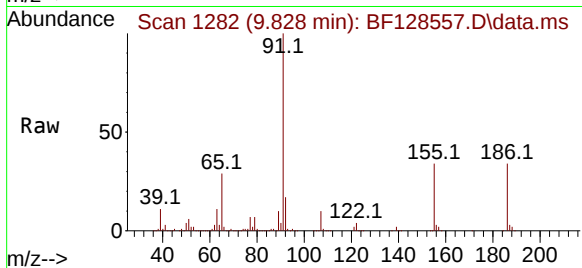
Tgt Ion:184 Resp: 315

Ion Ratio Lower Upper

184 100

63 19075.7 64.5 96.7#

154 449.3 50.6 75.8#



#57

2,4-Dinitrotoluene

Concen: 9.085 ng

RT: 9.875 min Scan# 1290

Delta R.T. -0.194 min

Lab File: BF128557.D

Acq: 28 May 2022 19:38

Tgt Ion:165 Resp: 39921

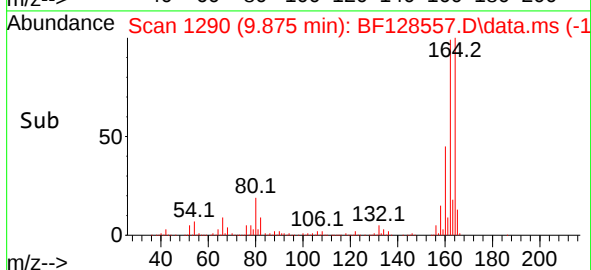
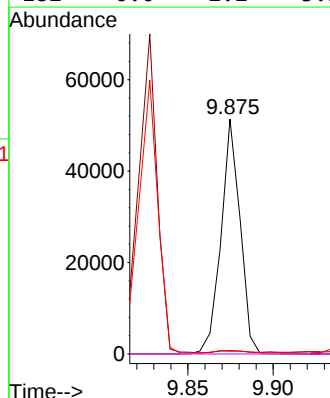
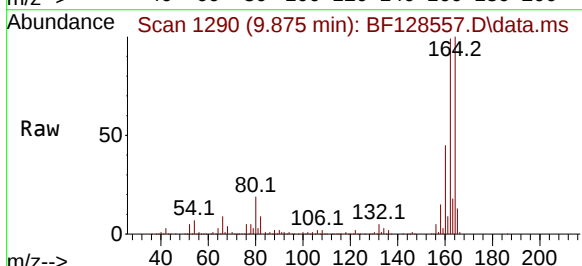
Ion Ratio Lower Upper

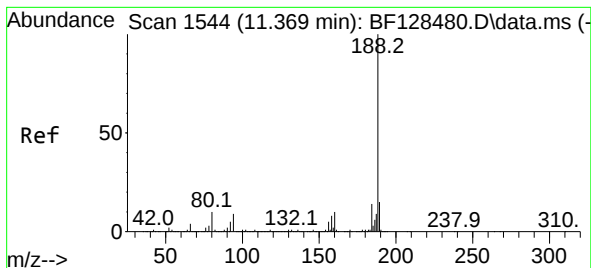
165 100

63 1.4 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: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128557.D

Acq: 28 May 2022 19:38

Instrument :

BNA_F

ClientSampleId :

P009-SS003-0612-01

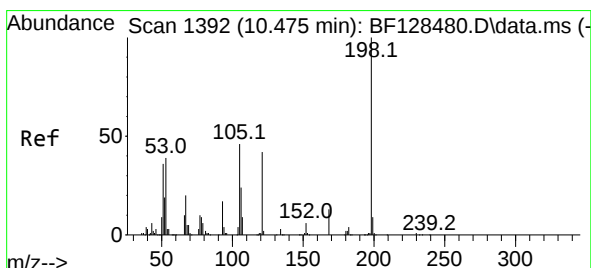
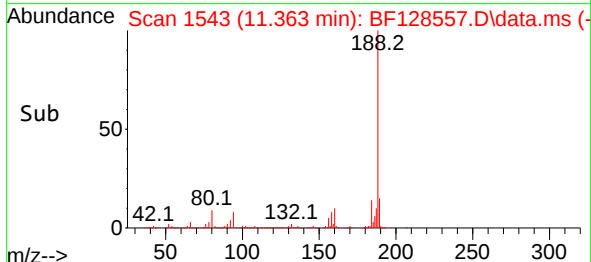
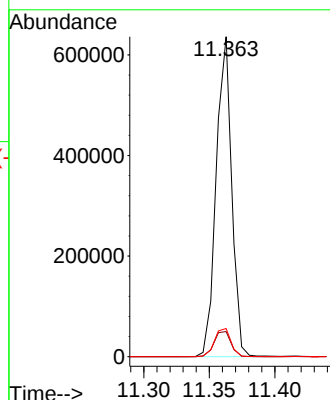
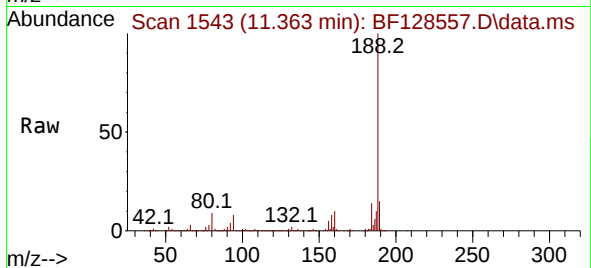
Tgt Ion:188 Resp: 522764

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.6

80 8.8 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.746 ng

RT: 10.663 min Scan# 1424

Delta R.T. 0.188 min

Lab File: BF128557.D

Acq: 28 May 2022 19:38

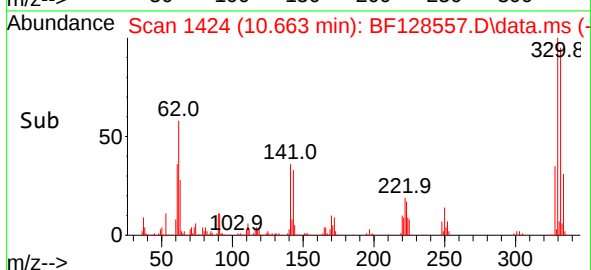
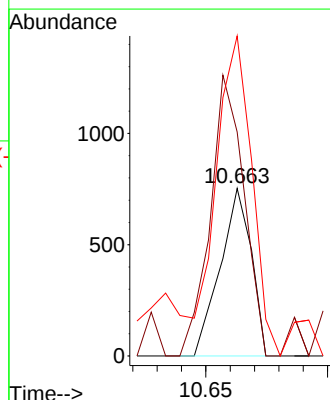
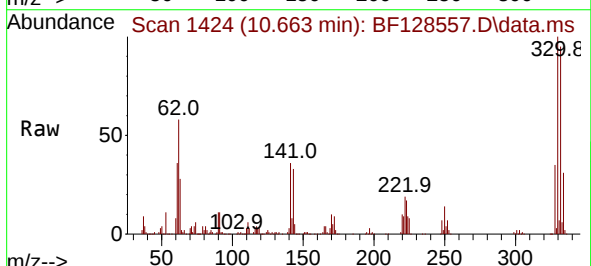
Tgt Ion:198 Resp: 665

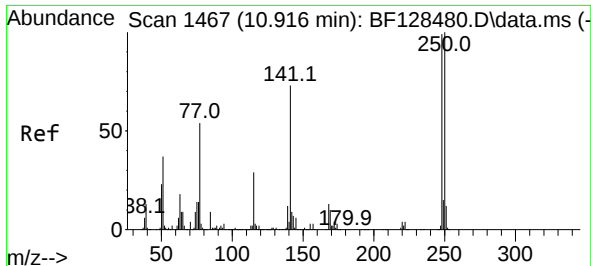
Ion Ratio Lower Upper

198 100

51 133.7 37.6 77.6#

105 191.0 27.0 67.0#

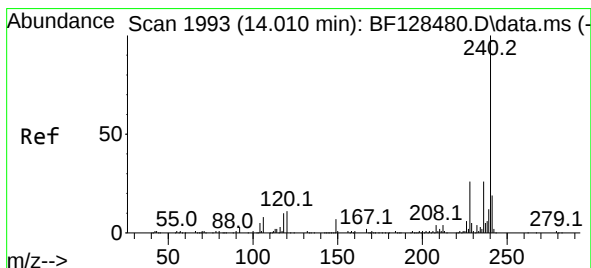
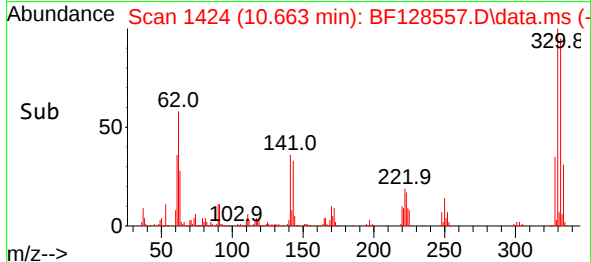
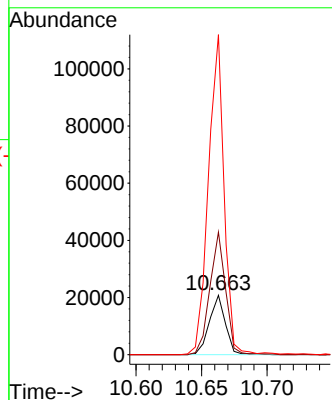
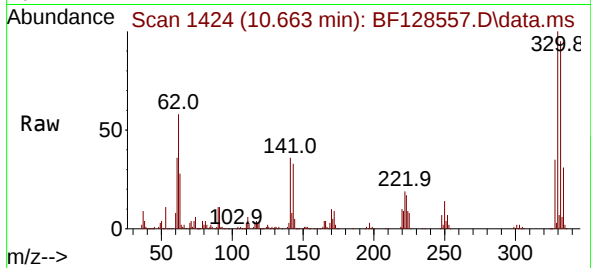




#67
4-Bromophenyl-phenylether
Concen: 3.294 ng
RT: 10.663 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF128557.D
Acq: 28 May 2022 19:38

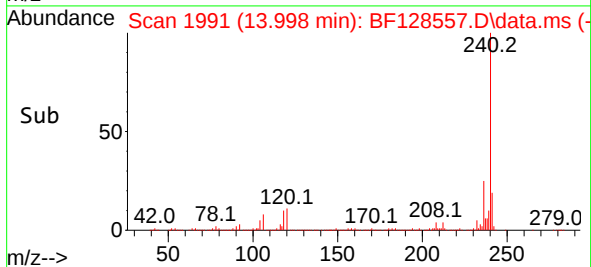
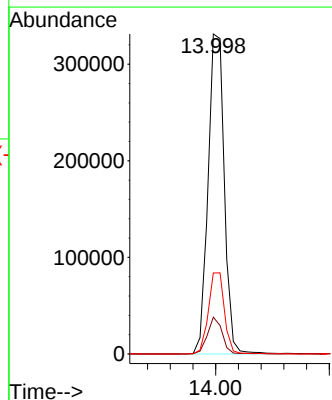
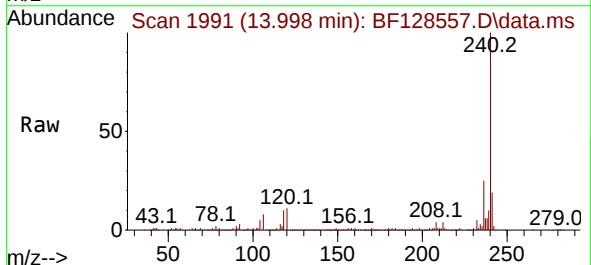
Instrument :
BNA_F
ClientSampleId :
P009-SS003-0612-01

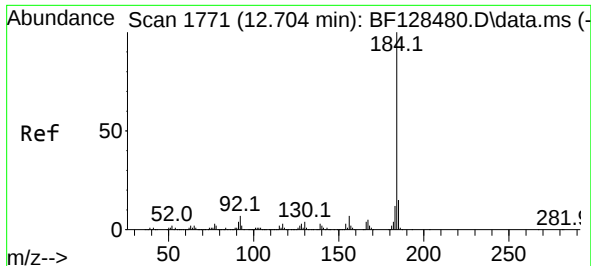
Tgt Ion:248 Resp: 17793
Ion Ratio Lower Upper
248 100
250 206.2 80.6 120.8#
141 538.5 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128557.D
Acq: 28 May 2022 19:38

Tgt Ion:240 Resp: 328798
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 25.3 20.8 31.2

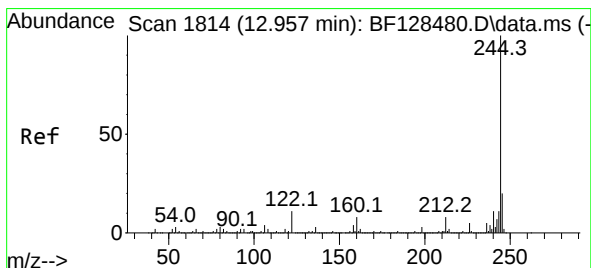
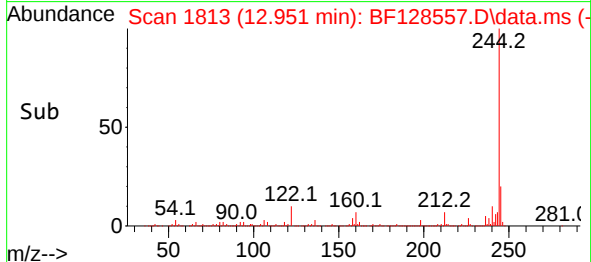
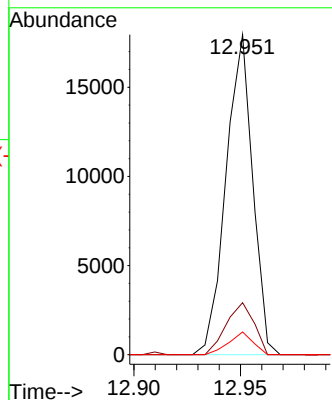
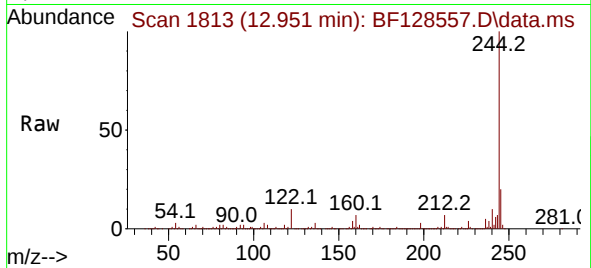




#77
Benzidine
Concen: 2.063 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.247 min
Lab File: BF128557.D
Acq: 28 May 2022 19:38

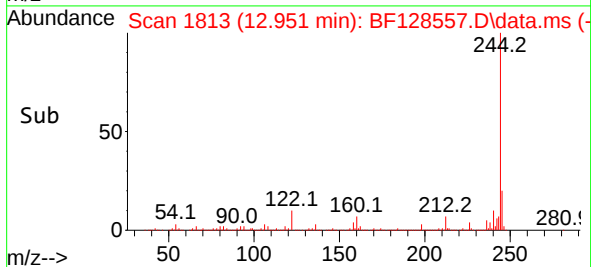
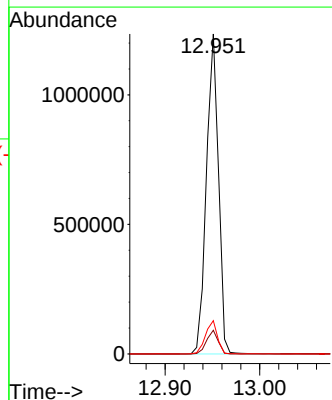
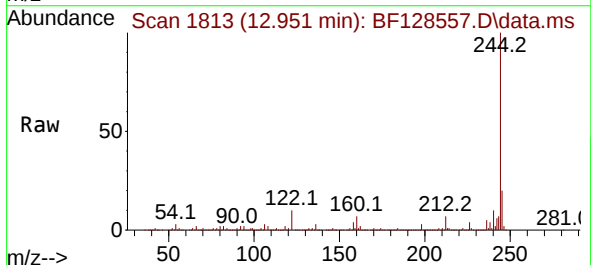
Instrument :
BNA_F
ClientSampleId :
P009-SS003-0612-01

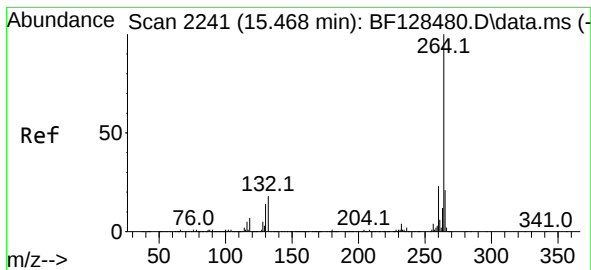
Tgt Ion:184 Resp: 15646
Ion Ratio Lower Upper
184 100
185 16.3 11.9 17.9
183 7.1 9.3 13.9#



#79
Terphenyl-d14
Concen: 64.088 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128557.D
Acq: 28 May 2022 19:38

Tgt Ion:244 Resp: 1090705
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 10.4 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF128557.D

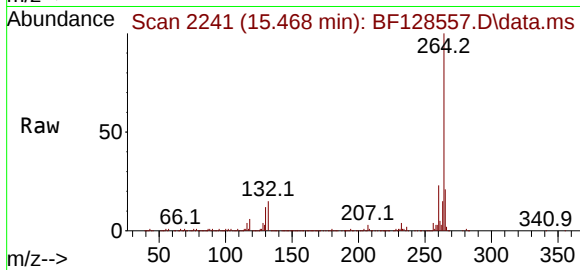
Acq: 28 May 2022 19:38

Instrument :

BNA_F

ClientSampleId :

P009-SS003-0612-01



Tgt Ion:264 Resp: 318201

Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

265 20.8 17.2 25.8

