

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128547.D
 Acq On : 28 May 2022 14:34
 Operator : CG\JU
 Sample : N2931-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P016-SS001-1218-01

Quant Time: May 28 22:42:33 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)

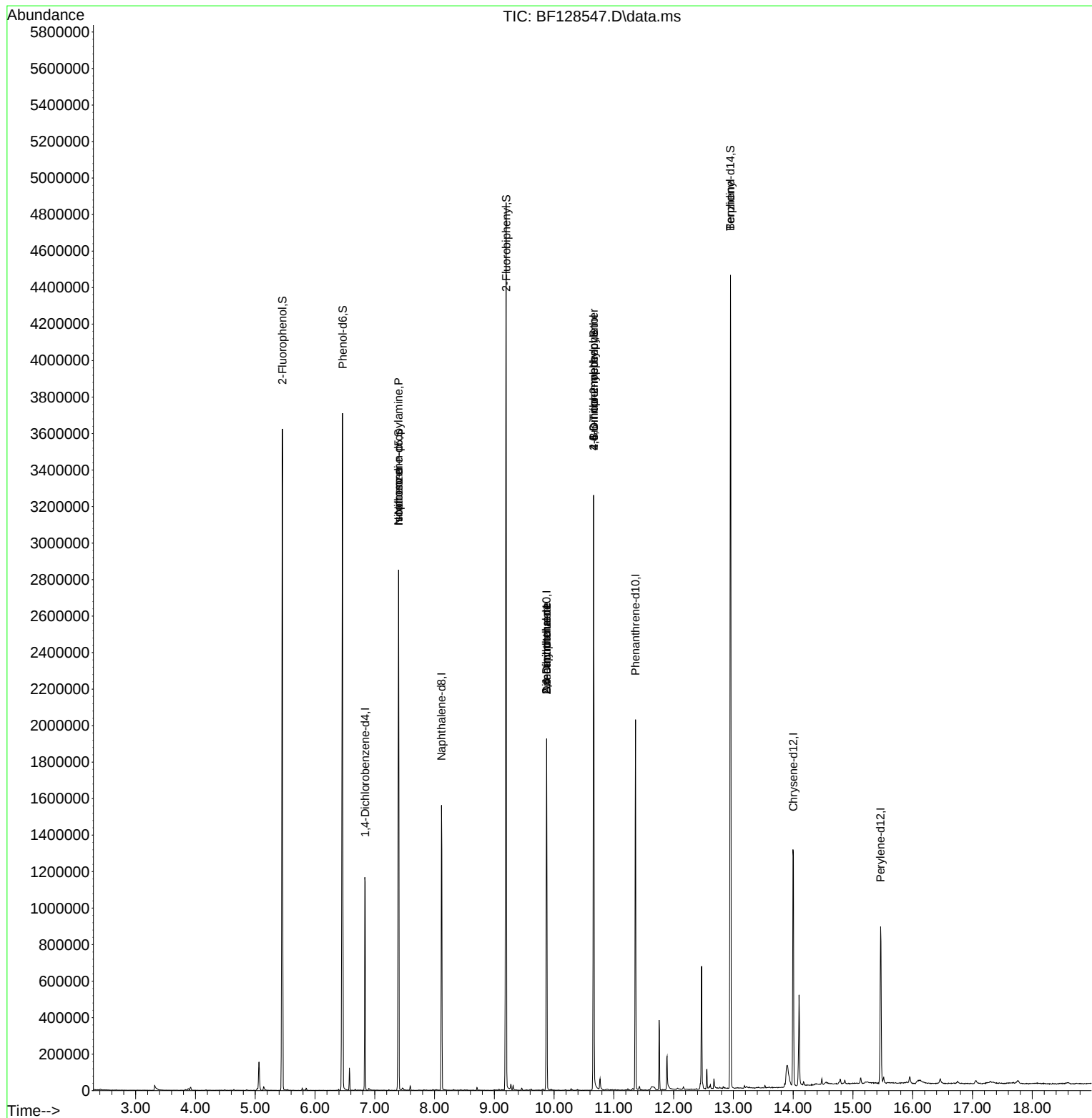
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	169771	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	669751	20.000	ng	-0.01
39) Acenaphthene-d10	9.874	164	373473	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	689169	20.000	ng	0.00
76) Chrysene-d12	14.004	240	471067	20.000	ng	0.00
86) Perylene-d12	15.462	264	386550	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1020368	99.554	ng	0.00
7) Phenol-d6	6.463	99	1308199	100.105	ng	0.00
23) Nitrobenzene-d5	7.398	82	896232	77.196	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	379151	106.658	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1552383	67.530	ng	0.00
79) Terphenyl-d14	12.951	244	1621608	66.506	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.386	77	230	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	121239	15.131	ng	# 79
25) Isophorone	7.398	82	896399	41.854	ng	# 65
50) Dimethylphthalate	9.874	163	66321	2.738	ng	# 1
51) 2,6-Dinitrotoluene	9.874	165	48483	10.920	ng	# 26
57) 2,4-Dinitrotoluene	9.874	165	48483	9.127	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	972	5.772	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	25775	3.620	ng	# 1
77) Benzidine	12.951	184	22947	2.112	ng	# 92

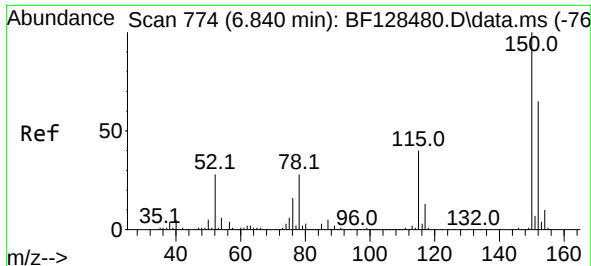
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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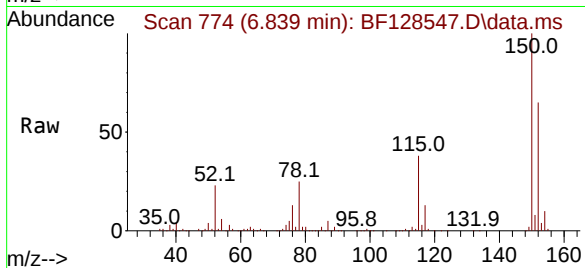
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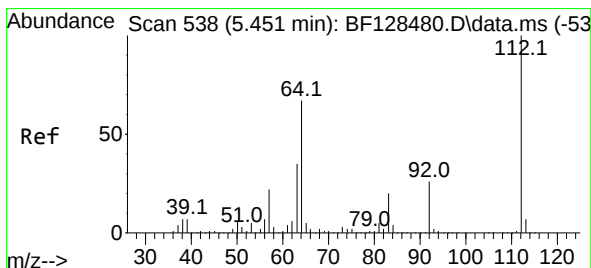
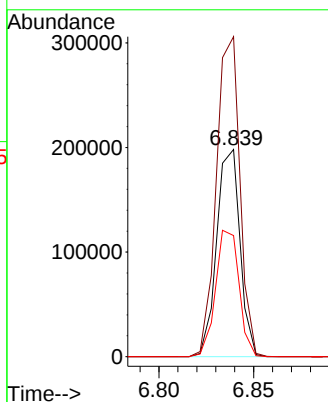
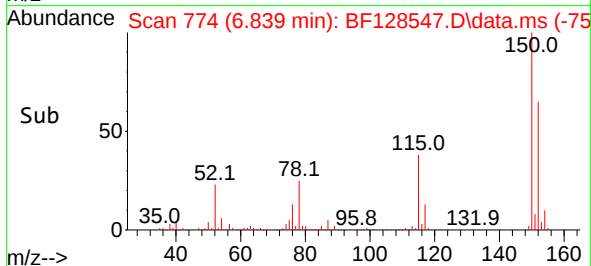


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128547.D
Acq: 28 May 2022 14:34

Instrument :
BNA_F
ClientSampleId :
P016-SS001-1218-01

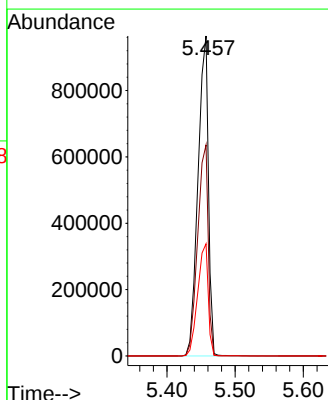
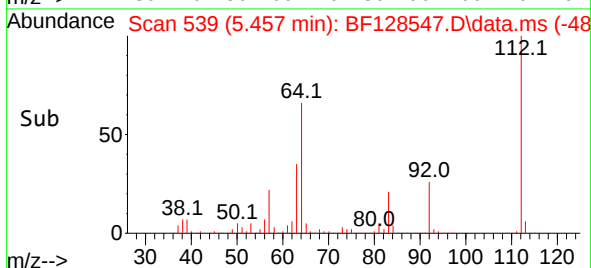
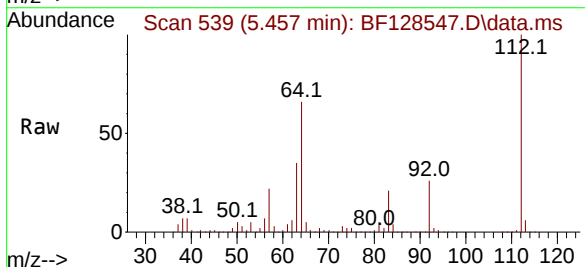


Tgt Ion:152 Resp: 169771
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 58.4 49.9 74.9



#5
2-Fluorophenol
Concen: 99.554 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128547.D
Acq: 28 May 2022 14:34

Tgt Ion:112 Resp: 1020368
Ion Ratio Lower Upper
112 100
64 66.0 53.3 79.9
63 35.1 28.0 42.0

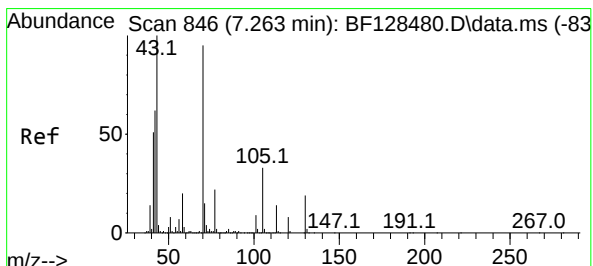
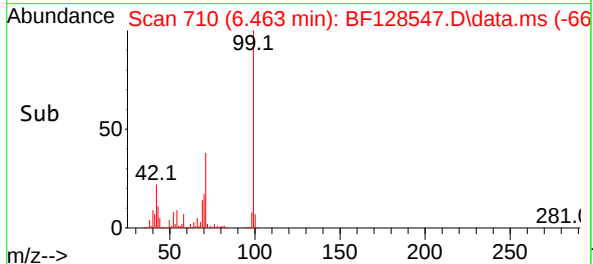
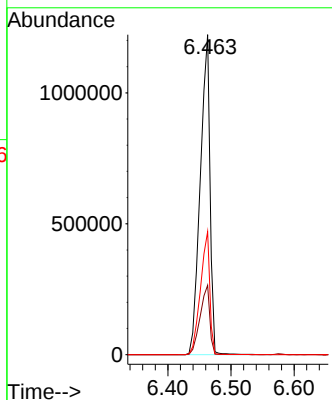
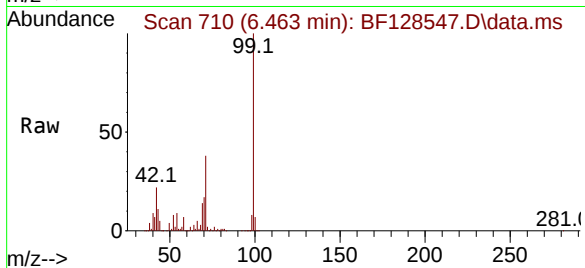




#7
Phenol-d6
Concen: 100.105 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128547.D
Acq: 28 May 2022 14:34

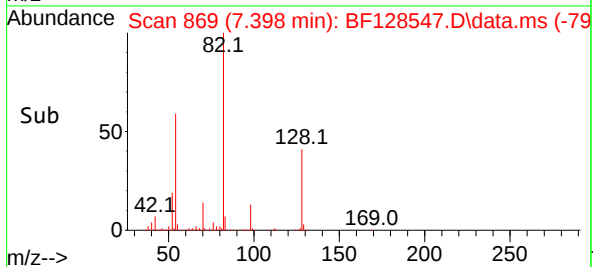
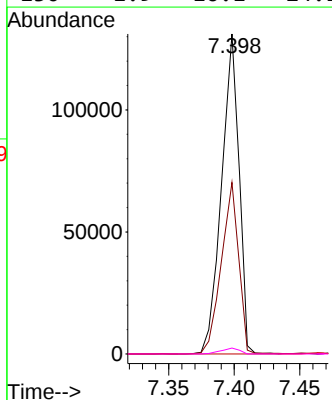
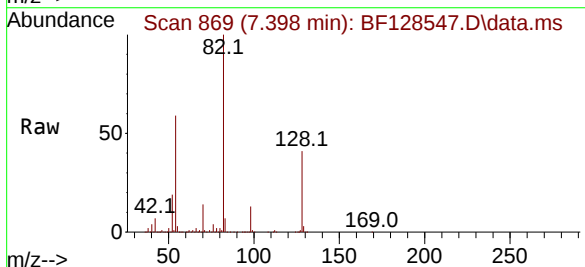
Instrument :
BNA_F
ClientSampleId :
P016-SS001-1218-01

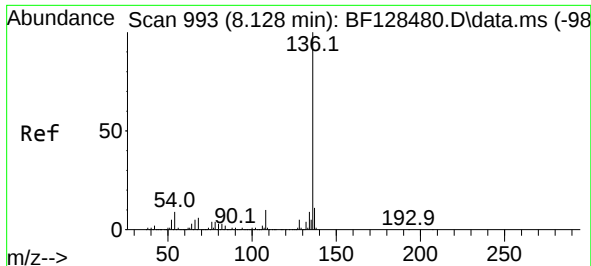
Tgt Ion: 99 Resp: 1308199
Ion Ratio Lower Upper
99 100
42 21.7 17.3 25.9
71 38.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.131 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128547.D
Acq: 28 May 2022 14:34

Tgt Ion: 70 Resp: 121239
Ion Ratio Lower Upper
70 100
42 53.6 52.3 78.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

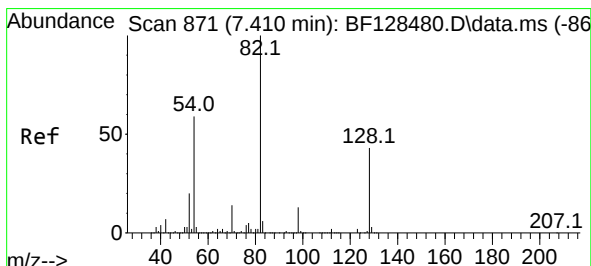
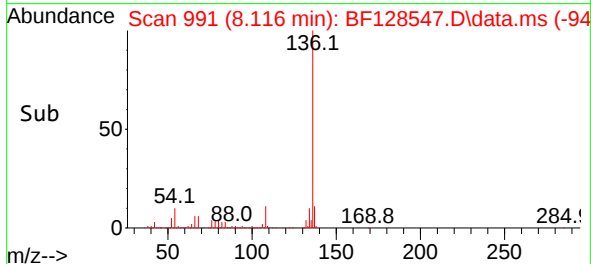
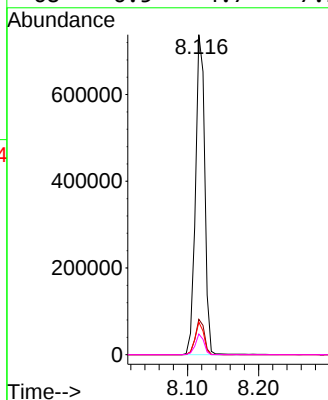
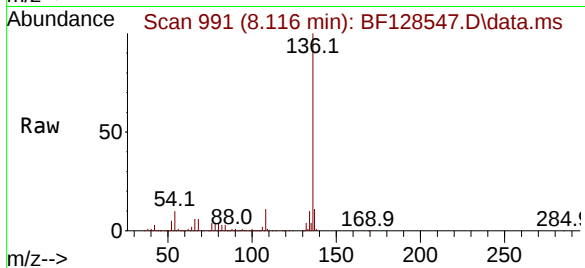




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF128547.D
Acq: 28 May 2022 14:34

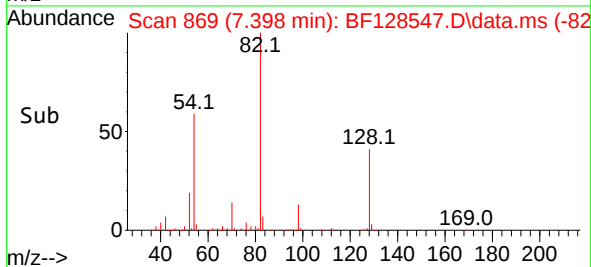
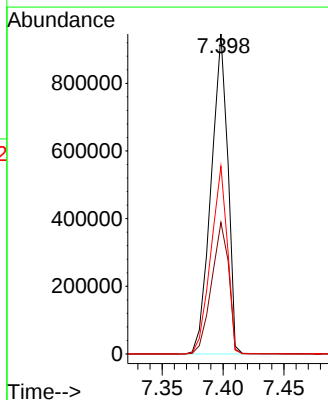
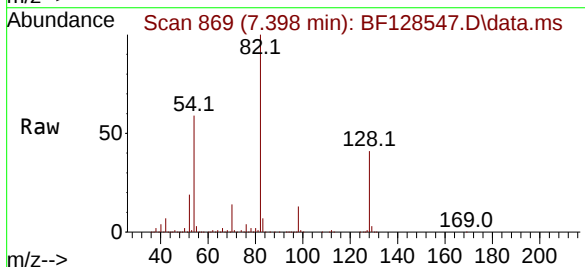
Instrument :
BNA_F
ClientSampleId :
P016-SS001-1218-01

Tgt Ion:136 Resp: 669751
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.2 7.5 11.3
68 6.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 77.196 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128547.D
Acq: 28 May 2022 14:34

Tgt Ion: 82 Resp: 896232
Ion Ratio Lower Upper
82 100
128 41.1 34.0 51.0
54 58.6 46.9 70.3

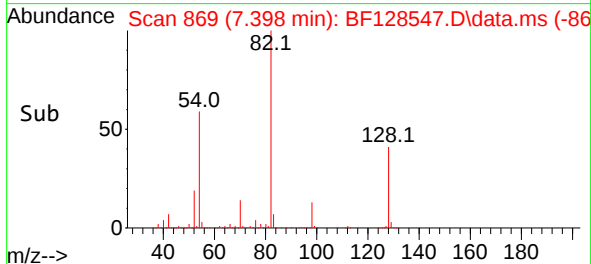
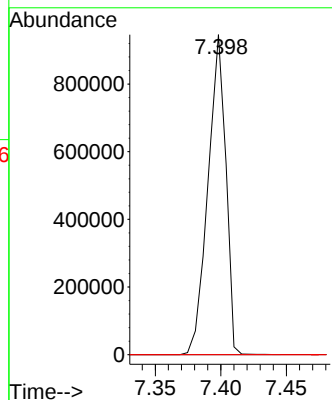
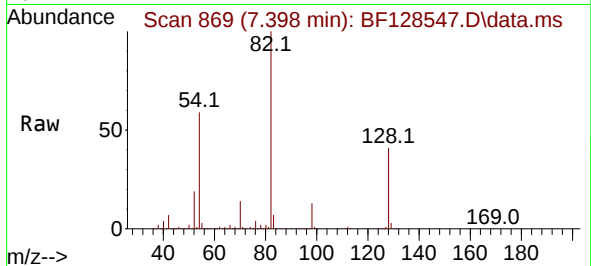




#25
Isophorone
Concen: 41.854 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128547.D
Acq: 28 May 2022 14:34

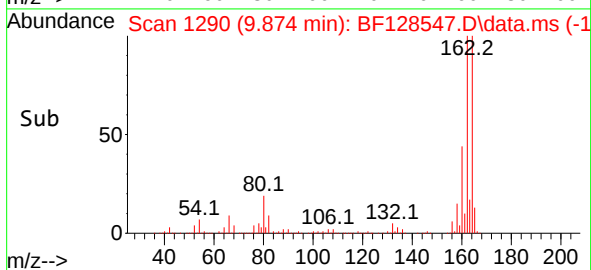
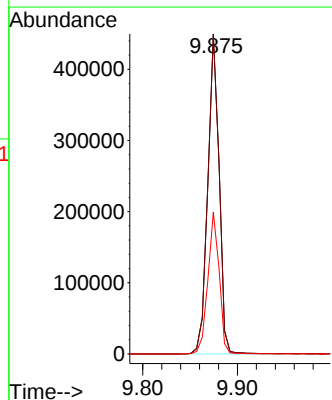
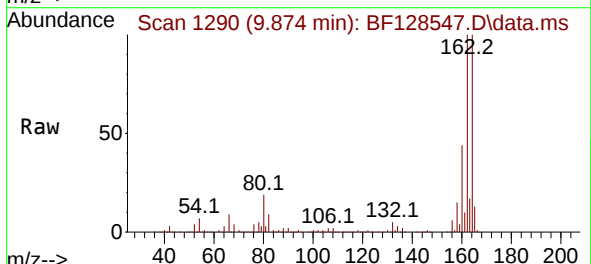
Instrument :
BNA_F
ClientSampleId :
P016-SS001-1218-01

Tgt Ion: 82 Resp: 896399
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# 1290
Delta R.T. -0.007 min
Lab File: BF128547.D
Acq: 28 May 2022 14:34

Tgt Ion:164 Resp: 373473
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 44.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 106.658 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128547.D

Acq: 28 May 2022 14:34

Instrument :

BNA_F

ClientSampleId :

P016-SS001-1218-01

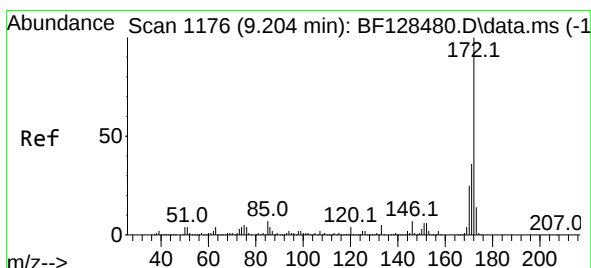
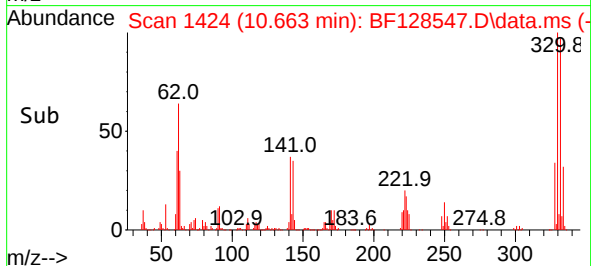
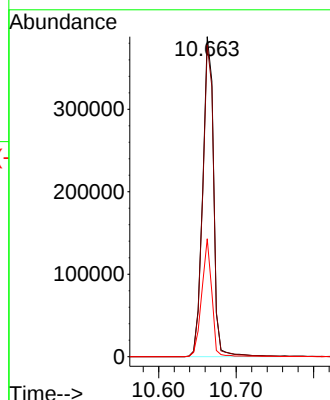
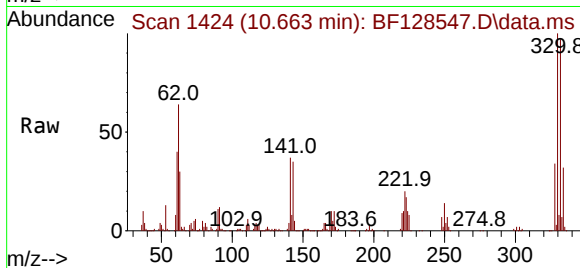
Tgt Ion:330 Resp: 379151

Ion Ratio Lower Upper

330 100

332 98.2 76.8 115.2

141 34.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.530 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128547.D

Acq: 28 May 2022 14:34

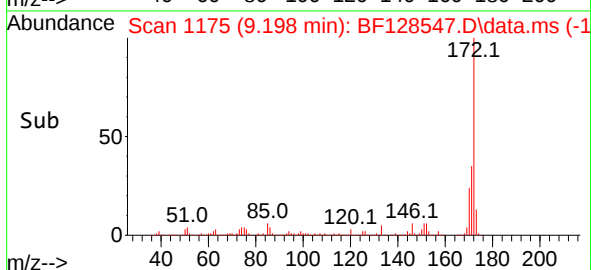
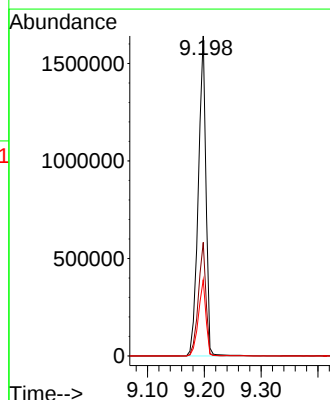
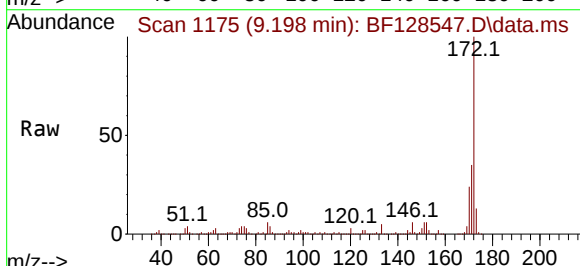
Tgt Ion:172 Resp: 1552383

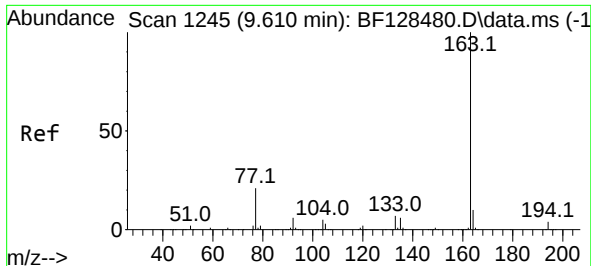
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.8 19.8 29.8

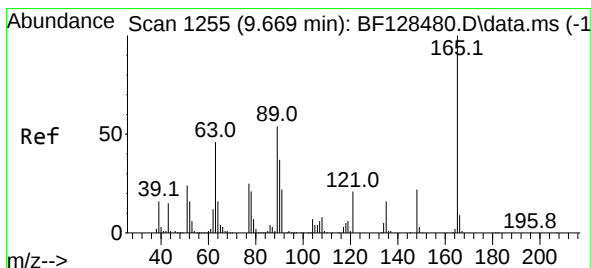
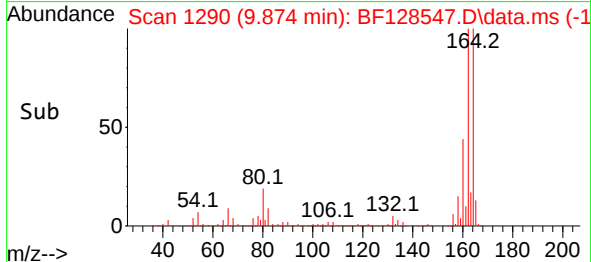
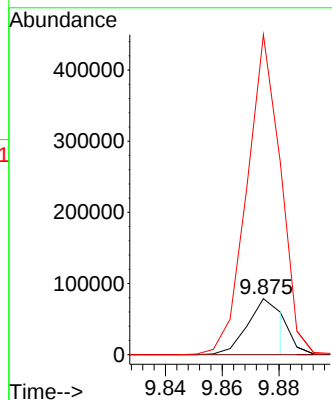
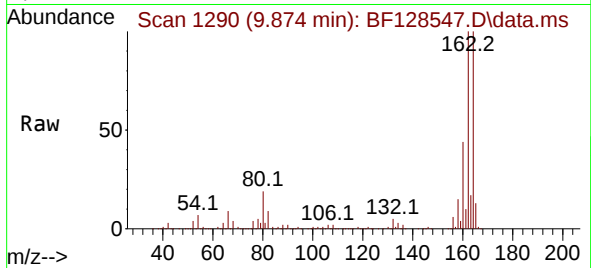




#50
Dimethylphthalate
Concen: 2.738 ng
RT: 9.874 min Scan# 11
Delta R.T. 0.264 min
Lab File: BF128547.D
Acq: 28 May 2022 14:34

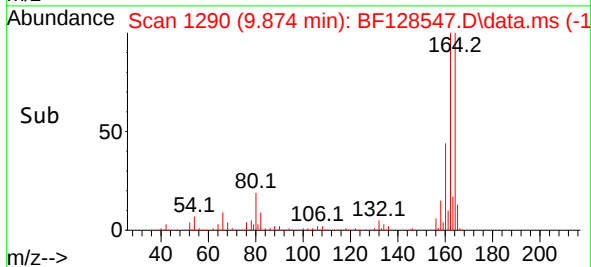
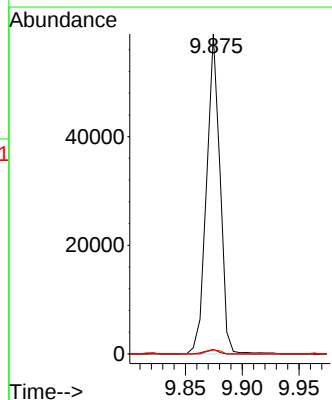
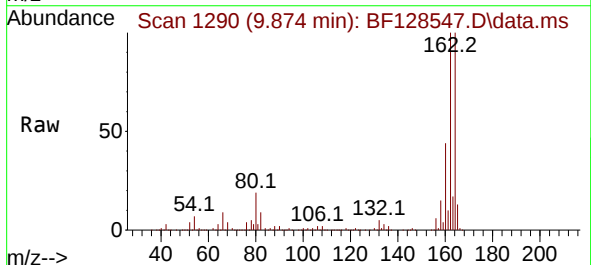
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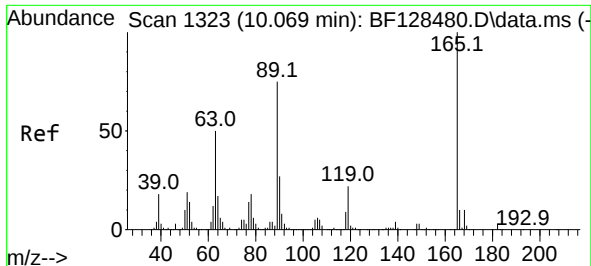
Tgt Ion:163 Resp: 66321
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 571.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.920 ng
RT: 9.874 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128547.D
Acq: 28 May 2022 14:34

Tgt Ion:165 Resp: 48483
Ion Ratio Lower Upper
165 100
63 1.5 44.9 67.3#
89 1.3 43.6 65.4#

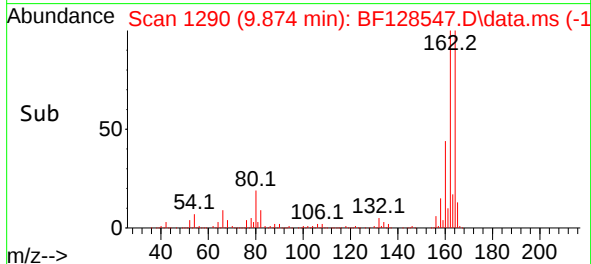
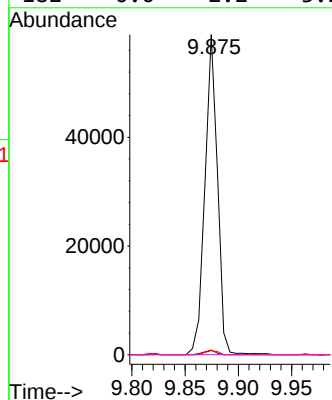
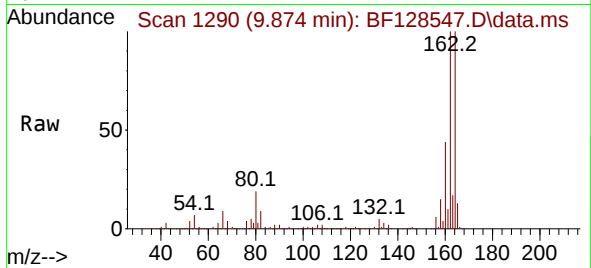




#57
2,4-Dinitrotoluene
Concen: 9.127 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128547.D
Acq: 28 May 2022 14:34

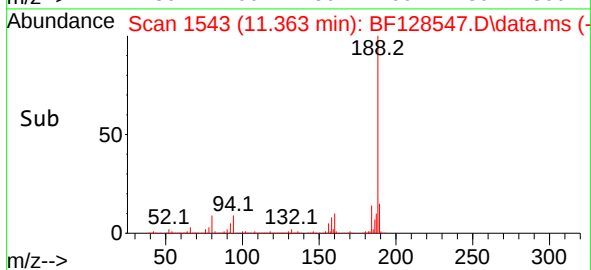
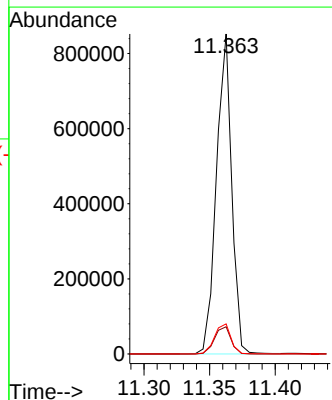
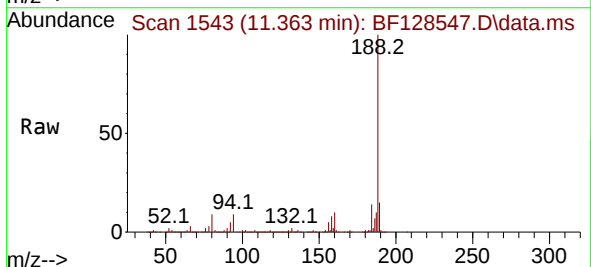
Instrument :
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P016-SS001-1218-01

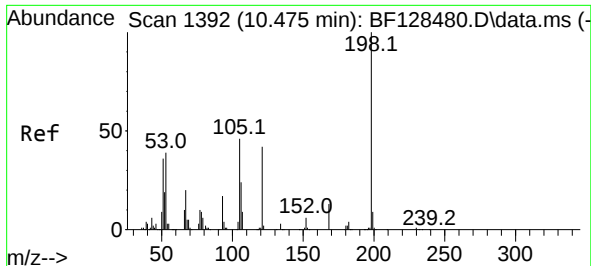
Tgt Ion:165 Resp: 48483
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128547.D
Acq: 28 May 2022 14:34

Tgt Ion:188 Resp: 689169
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.4 7.6 11.4

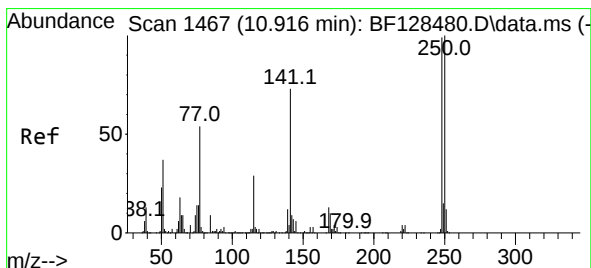
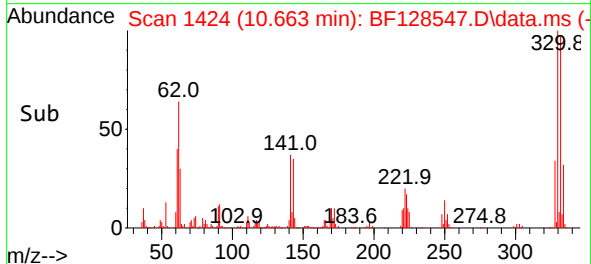
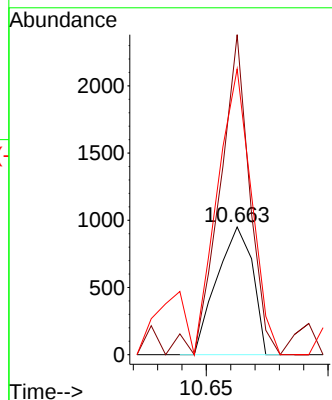
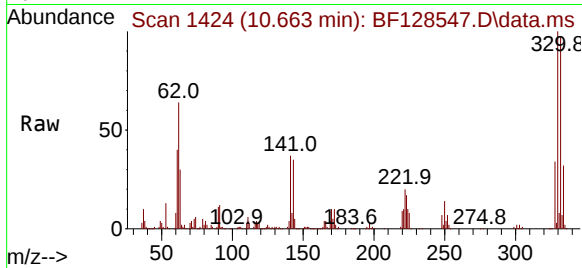




#65
4,6-Dinitro-2-methylphenol
Concen: 5.772 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128547.D
Acq: 28 May 2022 14:34

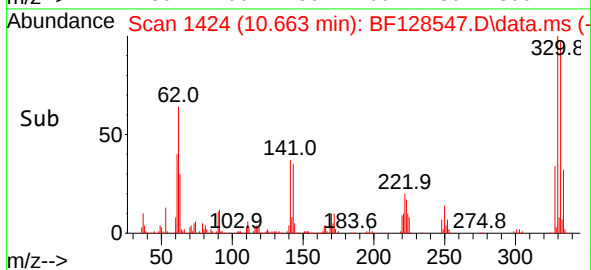
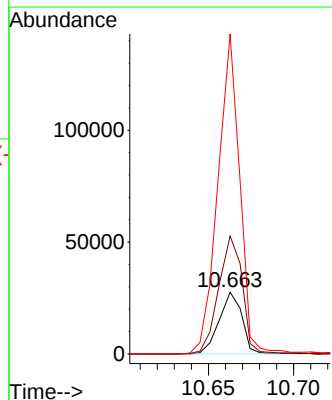
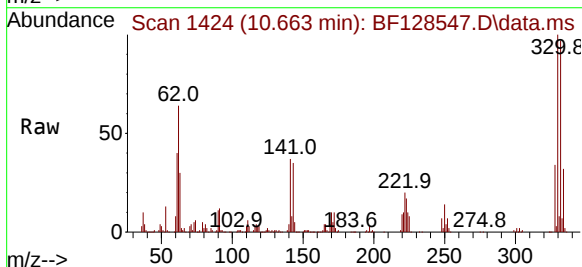
Instrument :
BNA_F
ClientSampleId :
P016-SS001-1218-01

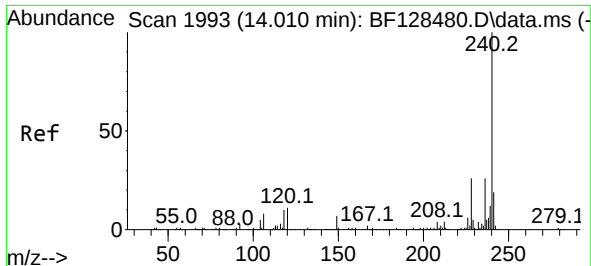
Tgt Ion:198 Resp: 972
Ion Ratio Lower Upper
198 100
51 250.6 37.6 77.6#
105 223.8 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.620 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128547.D
Acq: 28 May 2022 14:34

Tgt Ion:248 Resp: 25775
Ion Ratio Lower Upper
248 100
250 190.9 80.6 120.8#
141 518.0 58.9 88.3#

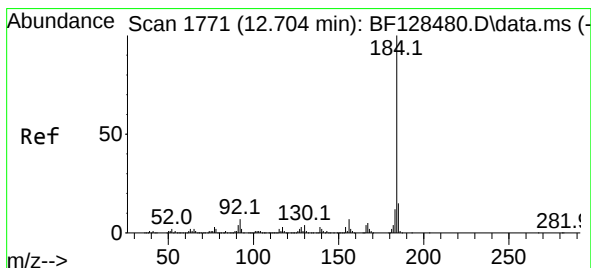
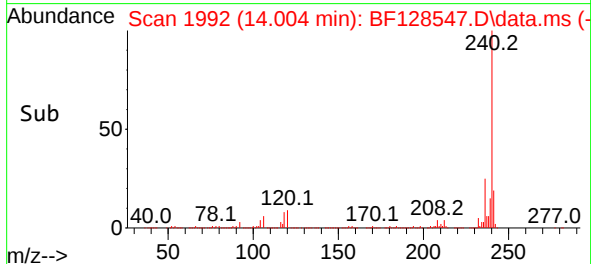
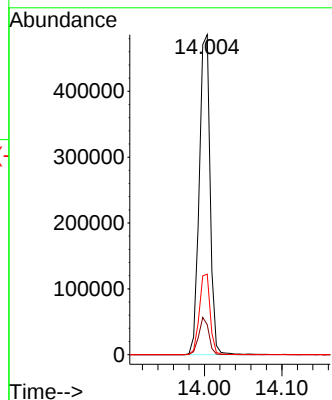
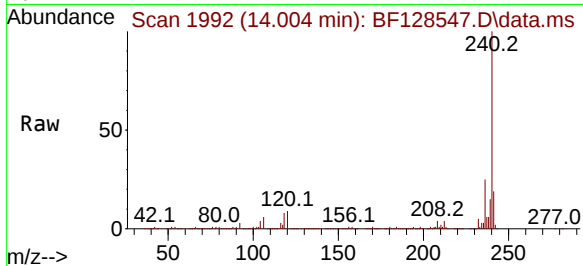




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128547.D
Acq: 28 May 2022 14:34

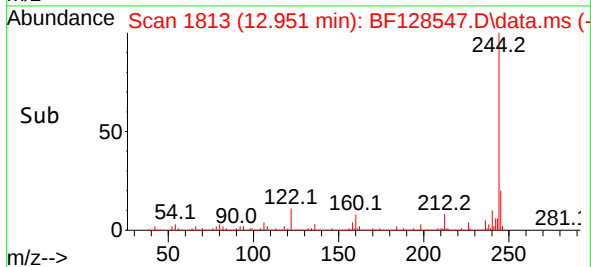
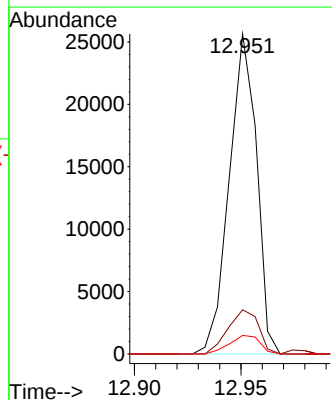
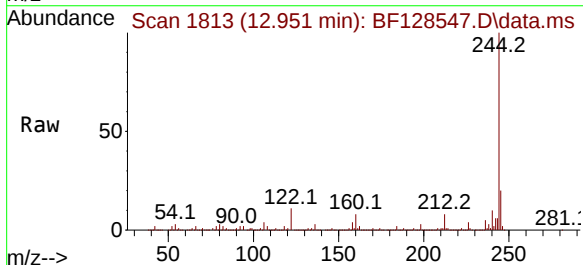
Instrument :
BNA_F
ClientSampleId :
P016-SS001-1218-01

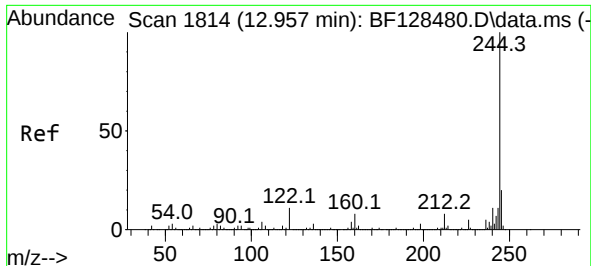
Tgt Ion:240 Resp: 471067
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 25.2 20.8 31.2



#77
Benzidine
Concen: 2.112 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.247 min
Lab File: BF128547.D
Acq: 28 May 2022 14:34

Tgt Ion:184 Resp: 22947
Ion Ratio Lower Upper
184 100
185 13.8 11.9 17.9
183 5.8 9.3 13.9#

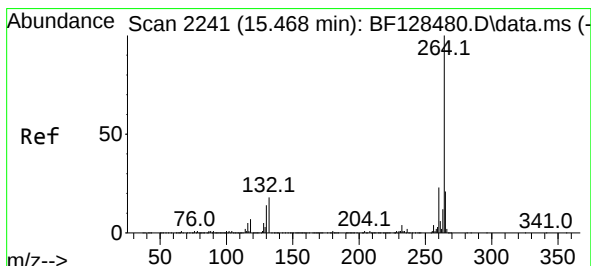
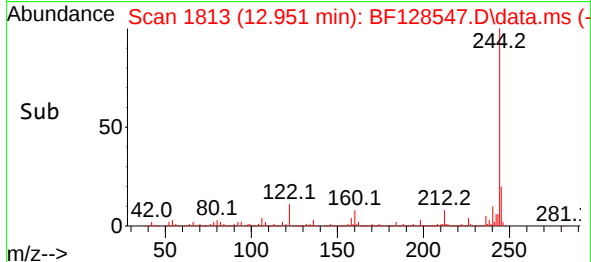
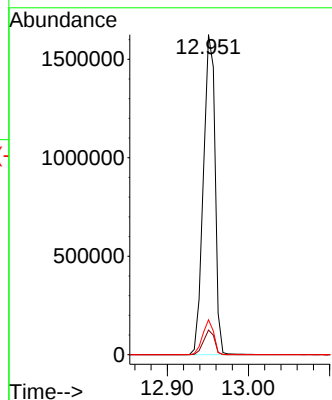
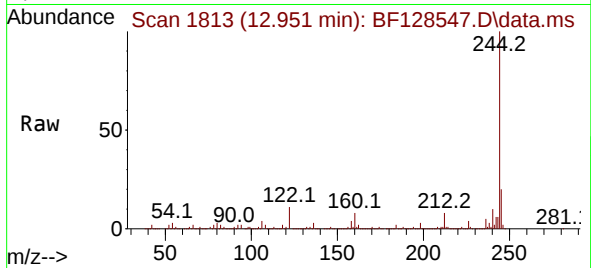




#79
 Terphenyl-d14
 Concen: 66.506 ng
 RT: 12.951 min Scan# 1814
 Delta R.T. -0.006 min
 Lab File: BF128547.D
 Acq: 28 May 2022 14:34

Instrument :
 BNA_F
 ClientSampleId :
 P016-SS001-1218-01

Tgt Ion:244 Resp: 1621608
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: BF128547.D
 Acq: 28 May 2022 14:34

Tgt Ion:264 Resp: 386550
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.8 17.2 25.8

