

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128541.D
 Acq On : 28 May 2022 11:32
 Operator : CG\JU
 Sample : N2930-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P005-SS003-2430-01

Quant Time: May 28 22:41:38 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)

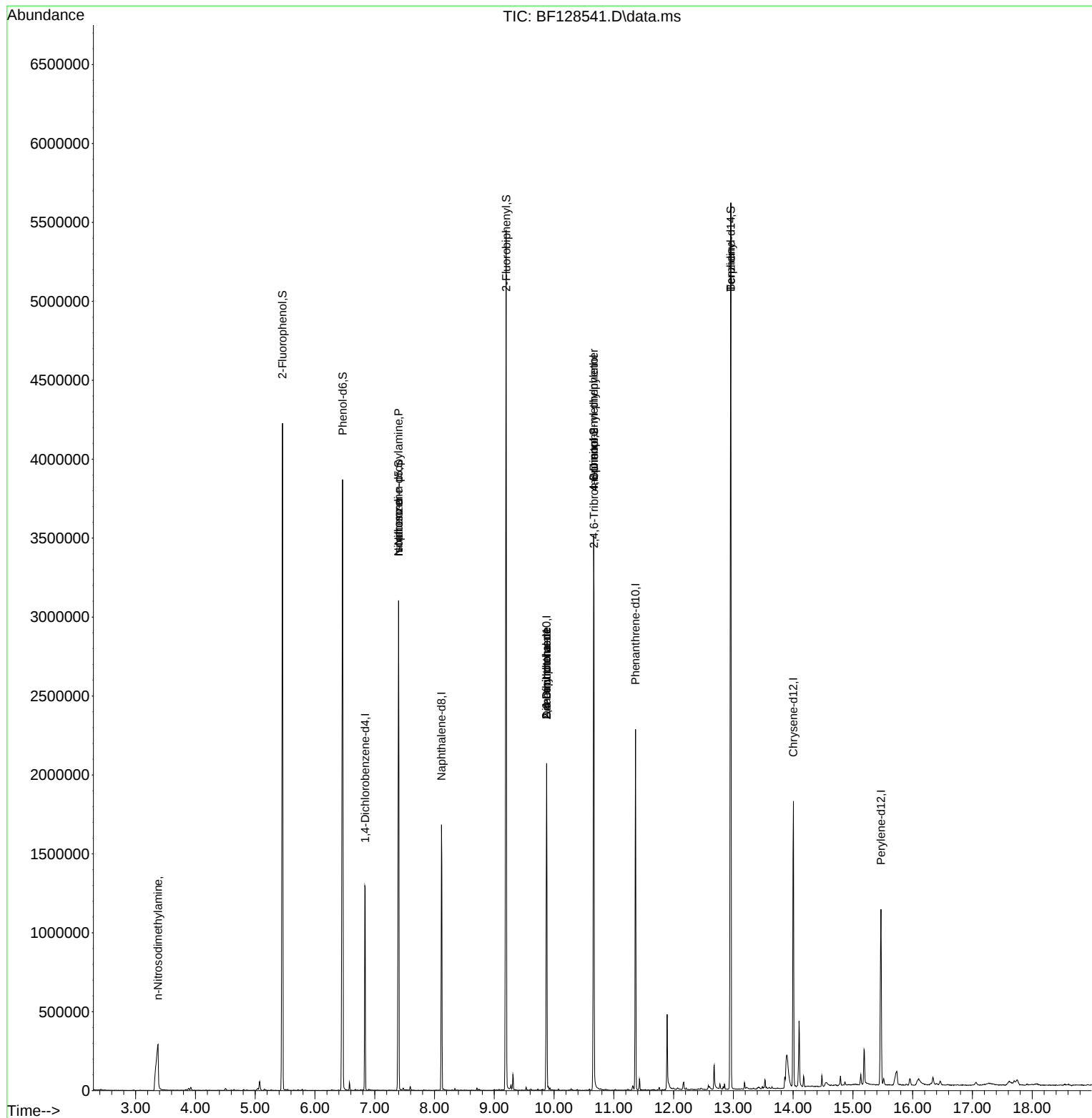
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	191448	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	752025	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	429361	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	799023	20.000	ng	0.00
76) Chrysene-d12	14.004	240	619709	20.000	ng	0.00
86) Perylene-d12	15.468	264	509990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1177877	101.910	ng	0.00
7) Phenol-d6	6.463	99	1529506	103.788	ng	0.00
23) Nitrobenzene-d5	7.398	82	1026365	78.733	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	457805	112.021	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1846090	69.854	ng	0.00
79) Terphenyl-d14	12.957	244	2055853	64.092	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.375	42	17213	2.462	ng	# 1
9) Benzaldehyde	6.387	77	217	Below Cal		# 1
19) n-Nitroso-di-n-propyla...	7.398	70	141803	15.694	ng	# 78
25) Isophorone	7.398	82	1024196	42.589	ng	# 65
50) Dimethylphthalate	9.875	163	75549	2.713	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	55458	10.865	ng	# 26
57) 2,4-Dinitrotoluene	9.875	165	55458	9.082	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.663	198	1125	5.772	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	29644	3.591	ng	# 1
77) Benzidine	12.957	184	29493	2.063	ng	# 95

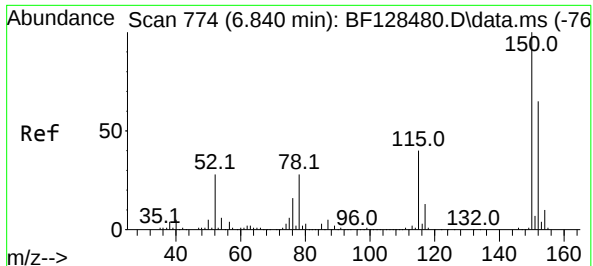
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
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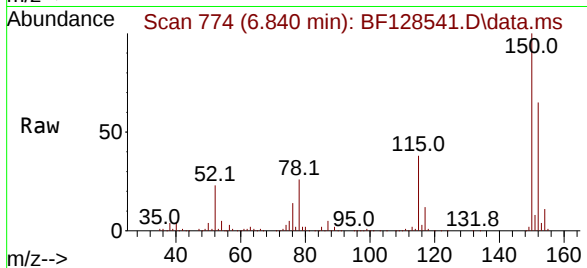
Quant Time: May 28 22:41:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
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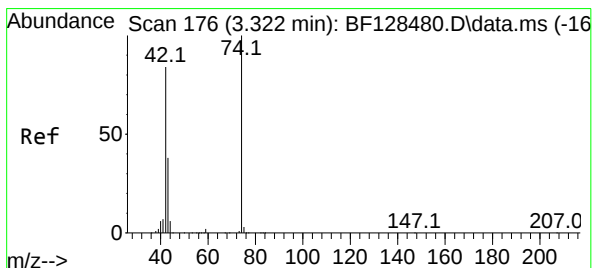
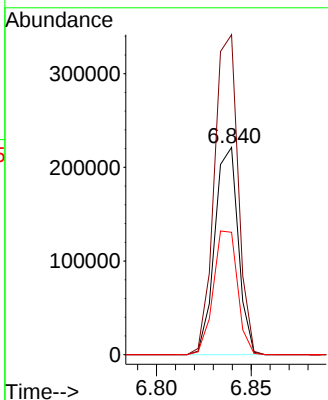
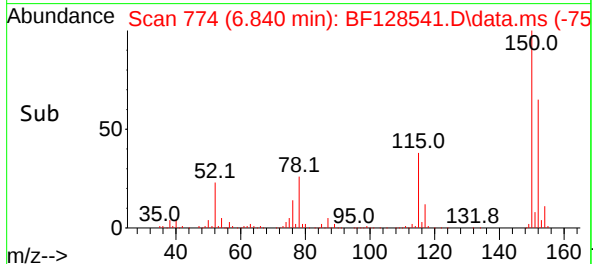


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128541.D
Acq: 28 May 2022 11:32

Instrument :
BNA_F
ClientSampleId :
P005-SS003-2430-01

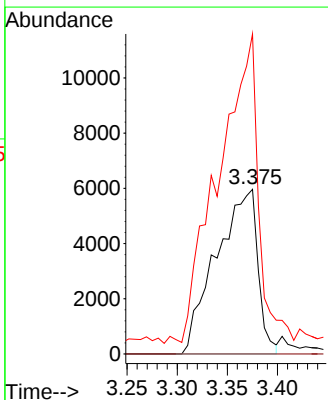
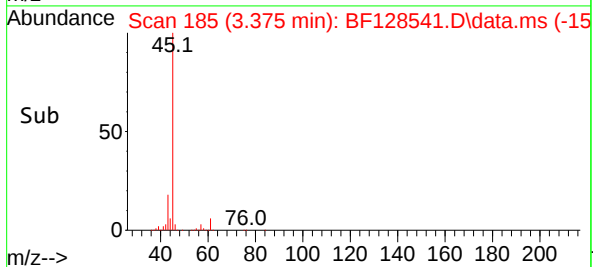
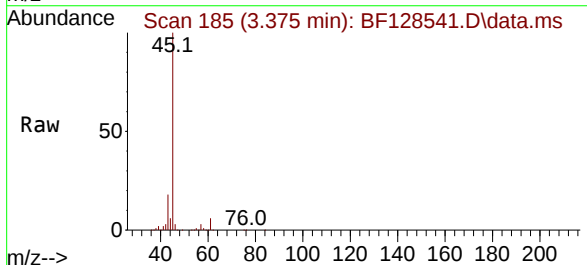


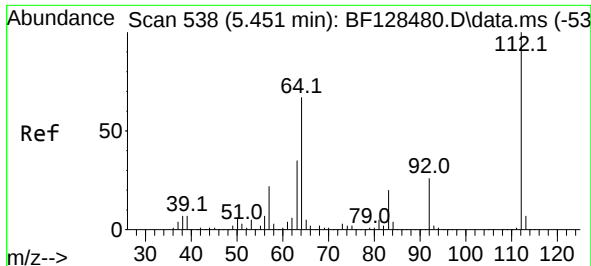
Tgt Ion:152 Resp: 191448
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 59.0 49.9 74.9



#4
n-Nitrosodimethylamine
Concen: 2.462 ng
RT: 3.375 min Scan# 185
Delta R.T. 0.053 min
Lab File: BF128541.D
Acq: 28 May 2022 11:32

Tgt Ion: 42 Resp: 17213
Ion Ratio Lower Upper
42 100
74 0.0 94.8 142.2#
44 194.3 6.6 10.0#

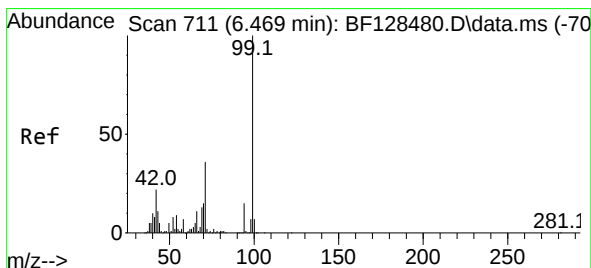
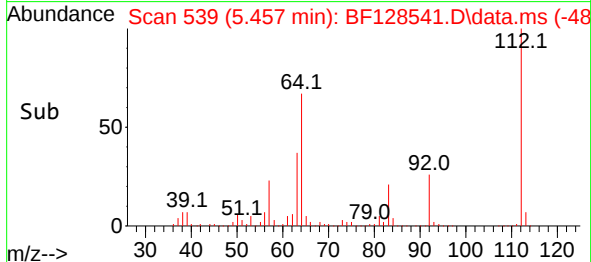
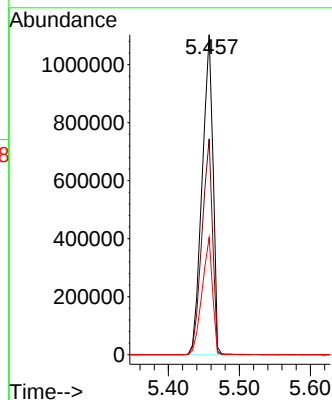
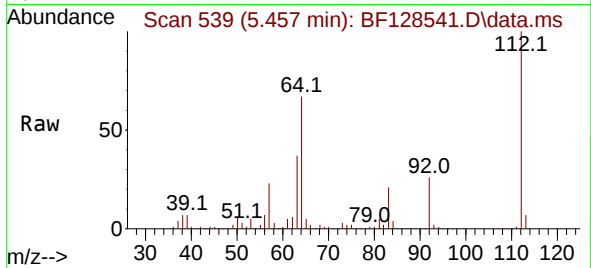




#5
2-Fluorophenol
Concen: 101.910 ng
RT: 5.457 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF128541.D
Acq: 28 May 2022 11:32

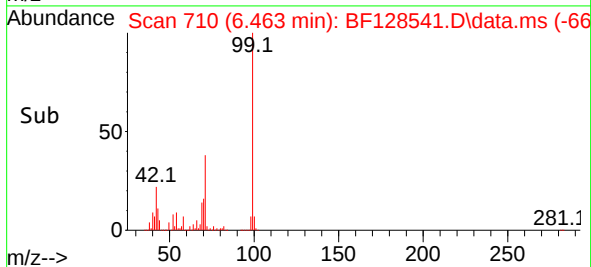
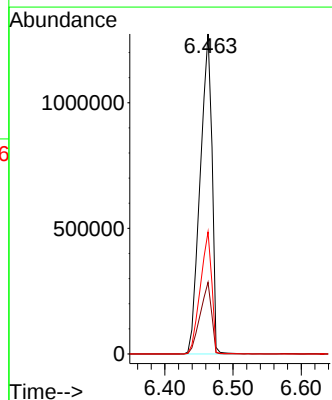
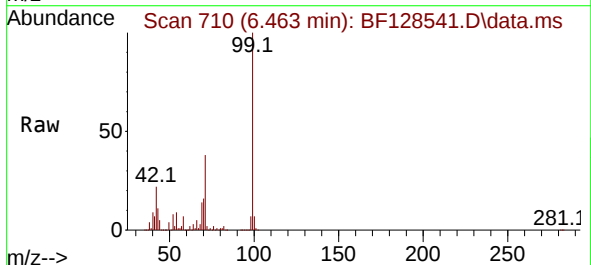
Instrument :
BNA_F
ClientSampleId :
P005-SS003-2430-01

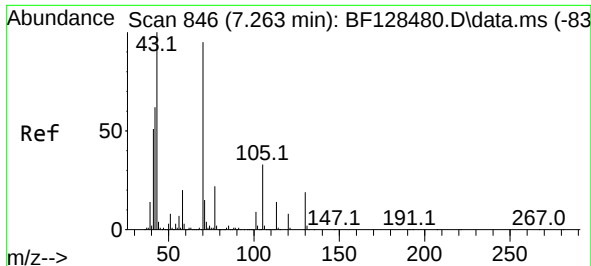
Tgt Ion:112 Resp: 1177877
Ion Ratio Lower Upper
112 100
64 67.5 53.3 79.9
63 36.6 28.0 42.0



#7
Phenol-d6
Concen: 103.788 ng
RT: 6.463 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF128541.D
Acq: 28 May 2022 11:32

Tgt Ion: 99 Resp: 1529506
Ion Ratio Lower Upper
99 100
42 22.4 17.3 25.9
71 38.1 28.9 43.3

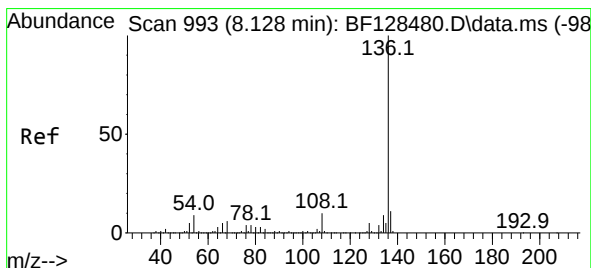
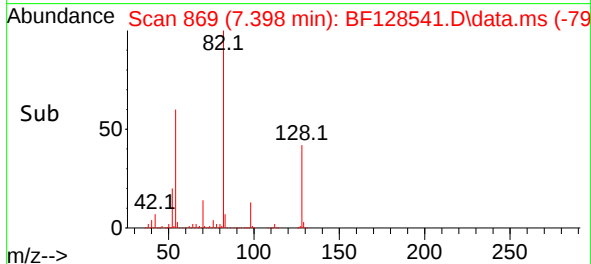
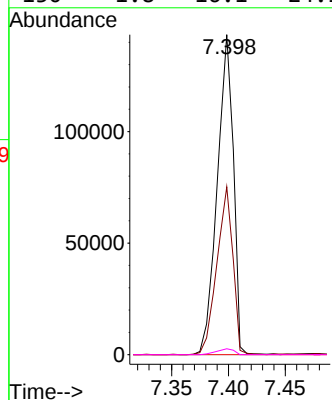
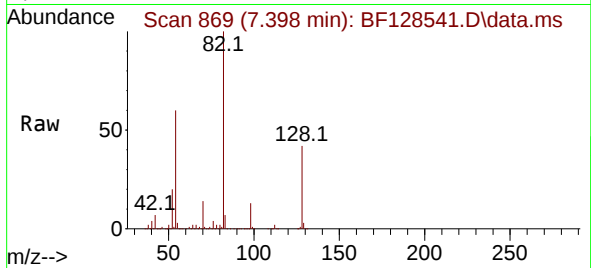




#19
n-Nitroso-di-n-propylamine
Concen: 15.694 ng
RT: 7.398 min Scan# 80
Delta R.T. 0.135 min
Lab File: BF128541.D
Acq: 28 May 2022 11:32

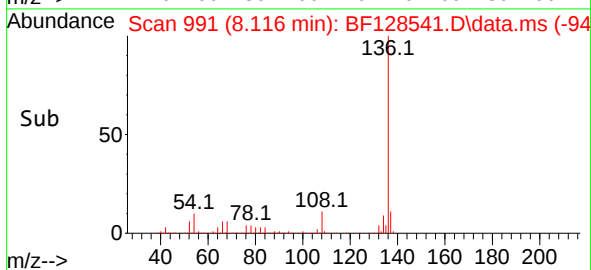
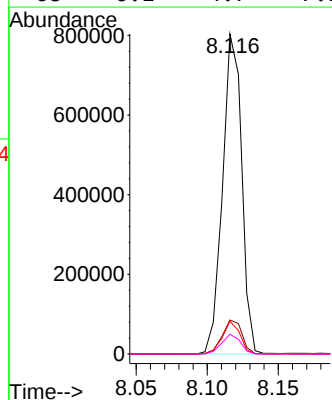
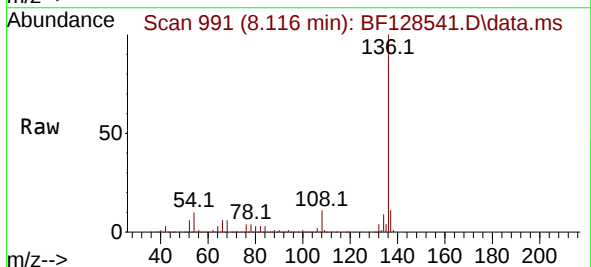
Instrument :
BNA_F
ClientSampleId :
P005-SS003-2430-01

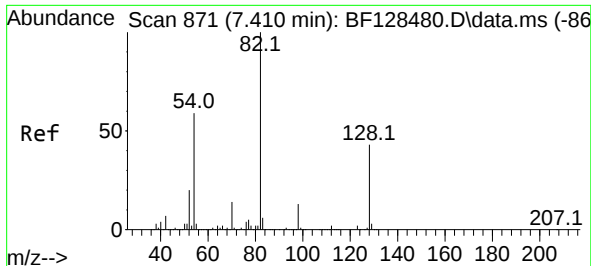
Tgt Ion: 70 Resp: 141803
Ion Ratio Lower Upper
70 100
42 52.4 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128541.D
Acq: 28 May 2022 11:32

Tgt Ion: 136 Resp: 752025
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 10.2 7.5 11.3
68 6.1 4.7 7.1

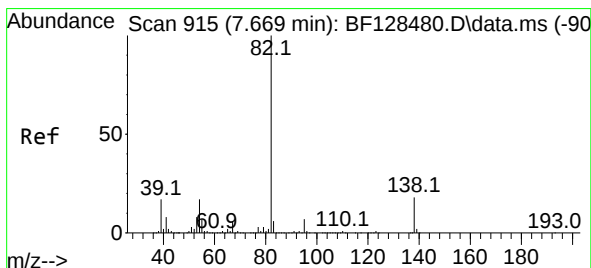
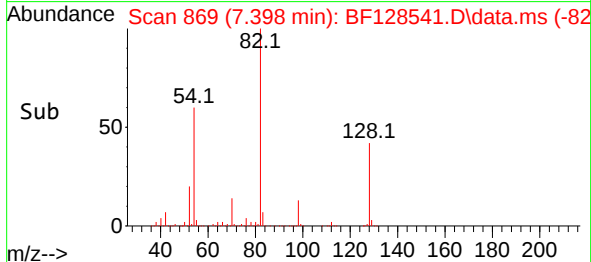
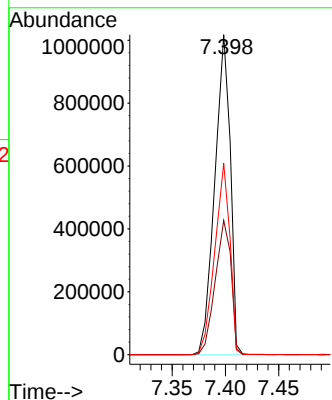
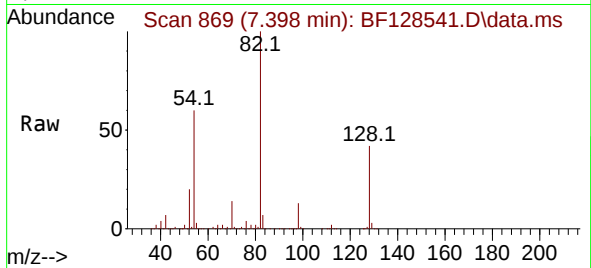




#23
Nitrobenzene-d5
Concen: 78.733 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128541.D
Acq: 28 May 2022 11:32

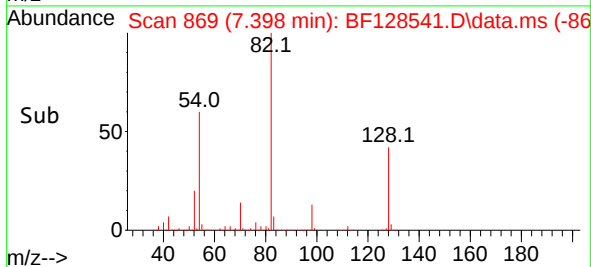
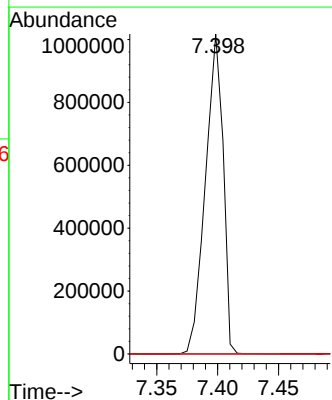
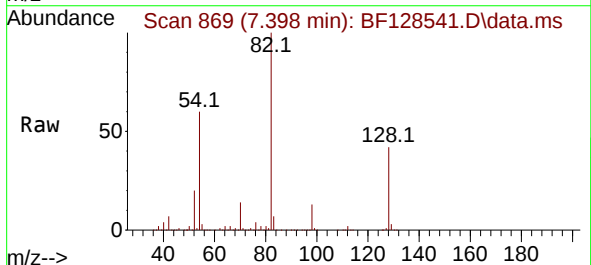
Instrument :
BNA_F
ClientSampleId :
P005-SS003-2430-01

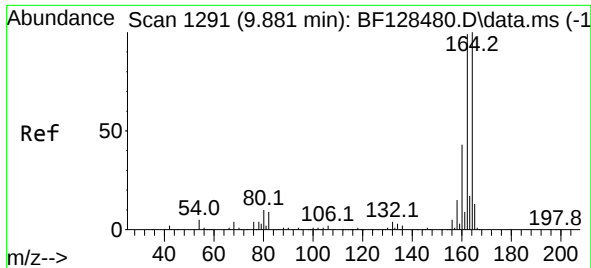
Tgt Ion: 82 Resp: 1026365
Ion Ratio Lower Upper
82 100
128 42.0 34.0 51.0
54 59.8 46.9 70.3



#25
Isophorone
Concen: 42.589 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.271 min
Lab File: BF128541.D
Acq: 28 May 2022 11:32

Tgt Ion: 82 Resp: 1024196
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#

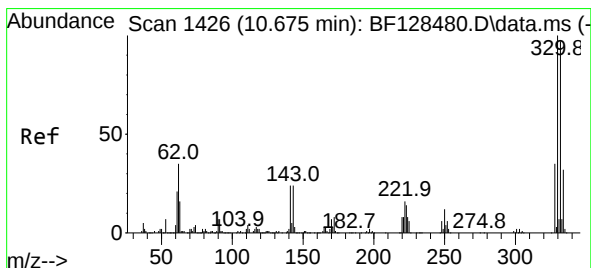
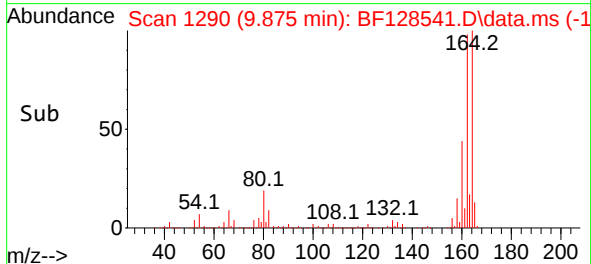
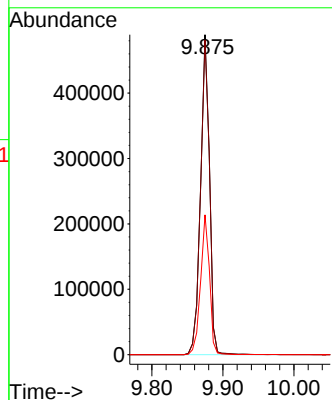
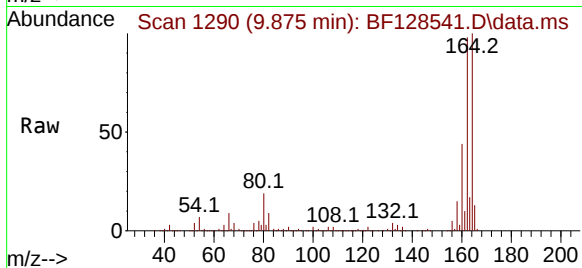




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128541.D
Acq: 28 May 2022 11:32

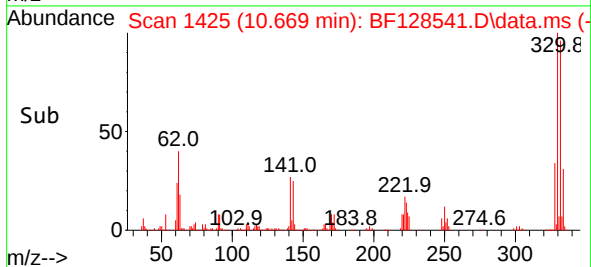
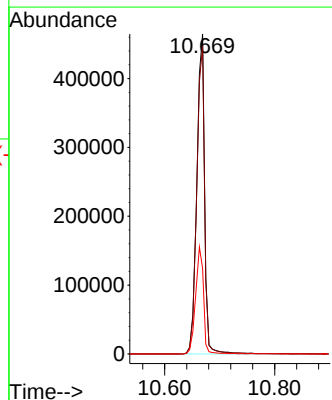
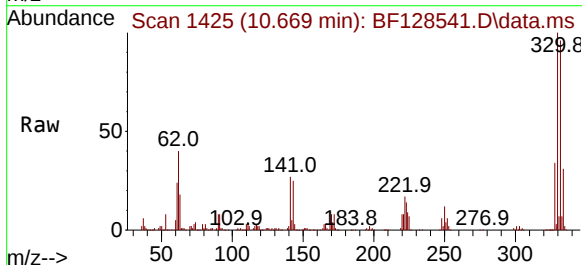
Instrument :
BNA_F
ClientSampleId :
P005-SS003-2430-01

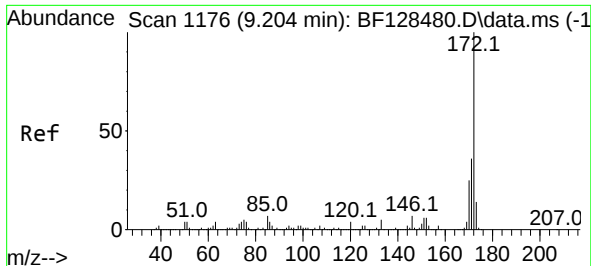
Tgt Ion:164 Resp: 429361
Ion Ratio Lower Upper
164 100
162 98.4 79.5 119.3
160 43.7 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 112.021 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF128541.D
Acq: 28 May 2022 11:32

Tgt Ion:330 Resp: 457805
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 33.9 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 69.854 ng

RT: 9.198 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF128541.D

Acq: 28 May 2022 11:32

Instrument :

BNA_F

ClientSampleId :

P005-SS003-2430-01

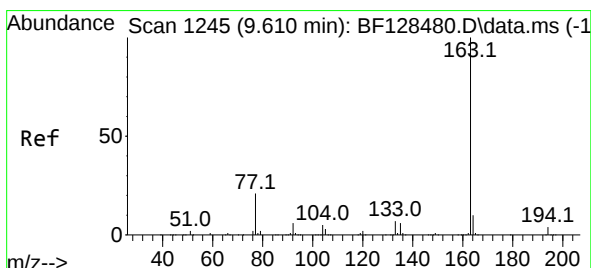
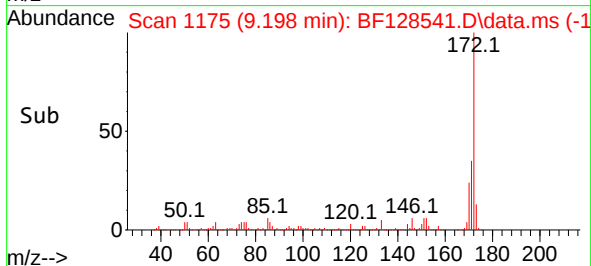
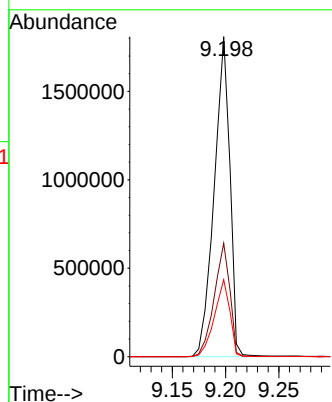
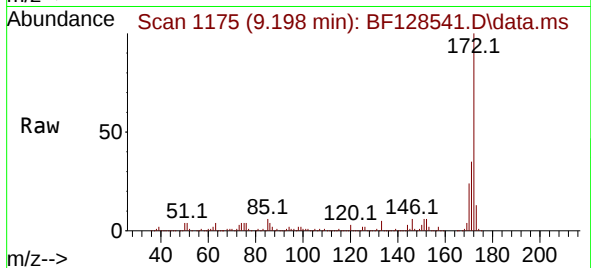
Tgt Ion:172 Resp: 1846090

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.0 19.8 29.8



#50

Dimethylphthalate

Concen: 2.713 ng

RT: 9.875 min Scan# 1290

Delta R.T. 0.265 min

Lab File: BF128541.D

Acq: 28 May 2022 11:32

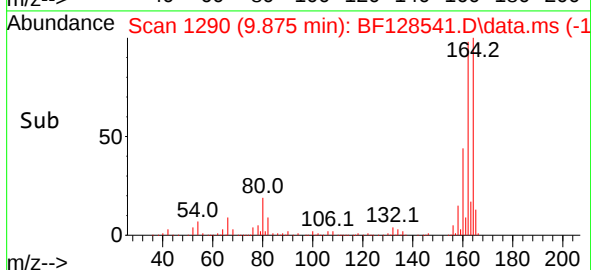
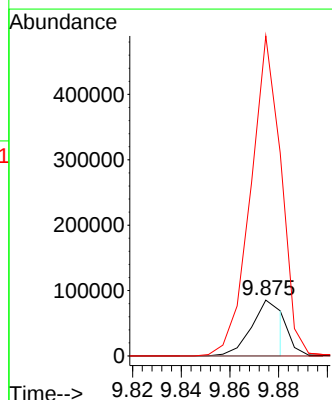
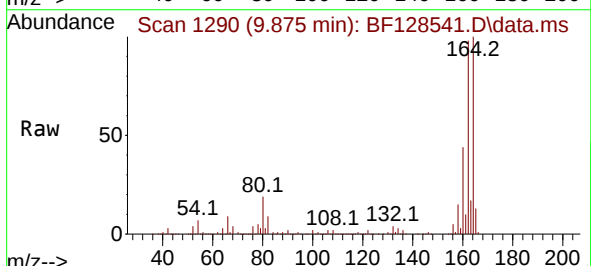
Tgt Ion:163 Resp: 75549

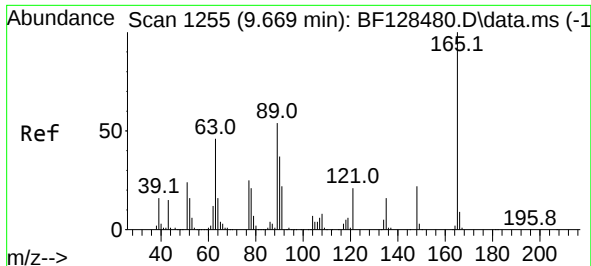
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 572.3 8.2 12.2#

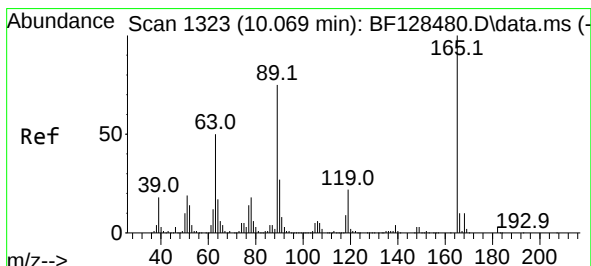
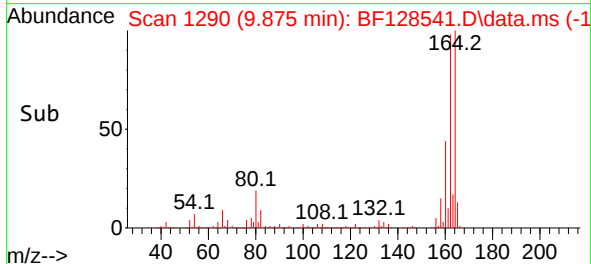
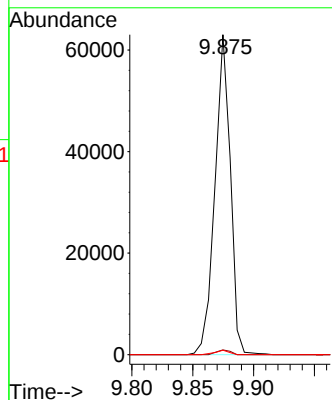
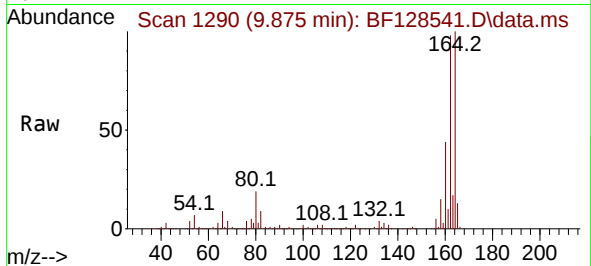




#51
2,6-Dinitrotoluene
Concen: 10.865 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128541.D
Acq: 28 May 2022 11:32

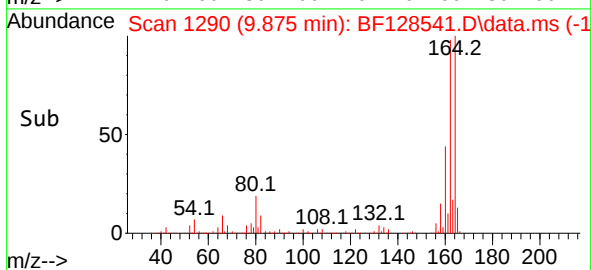
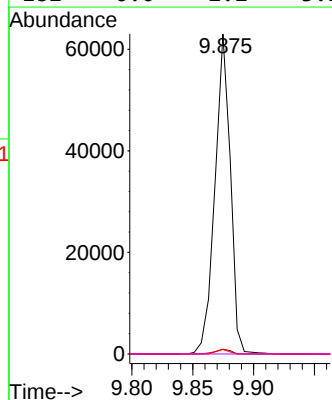
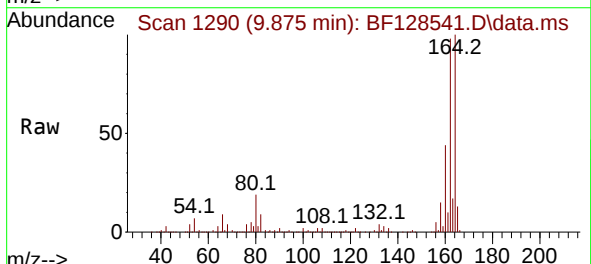
Instrument :
BNA_F
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P005-SS003-2430-01

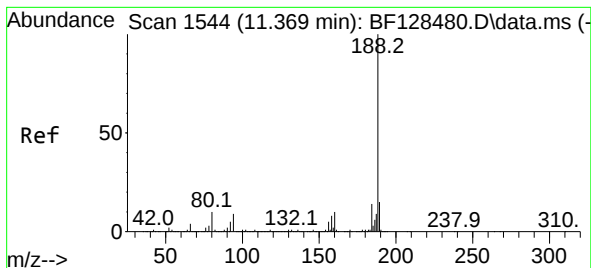
Tgt Ion:165 Resp: 55458
Ion Ratio Lower Upper
165 100
63 1.5 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 9.082 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.194 min
Lab File: BF128541.D
Acq: 28 May 2022 11:32

Tgt Ion:165 Resp: 55458
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.4 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: BF128541.D

Acq: 28 May 2022 11:32

Instrument :

BNA_F

ClientSampleId :

P005-SS003-2430-01

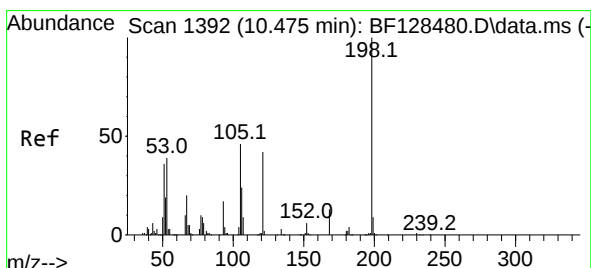
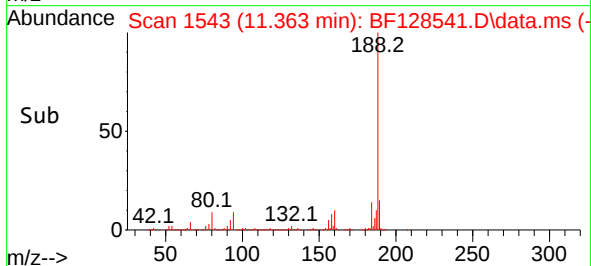
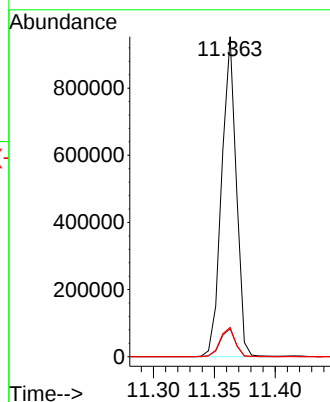
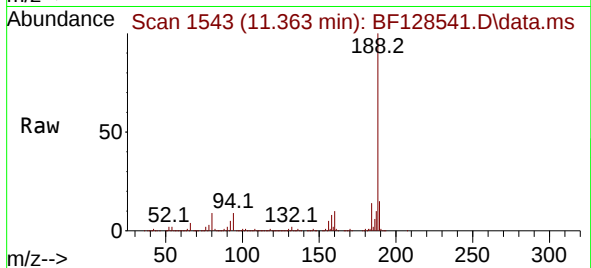
Tgt Ion:188 Resp: 799023

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

80 9.2 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: BF128541.D

Acq: 28 May 2022 11:32

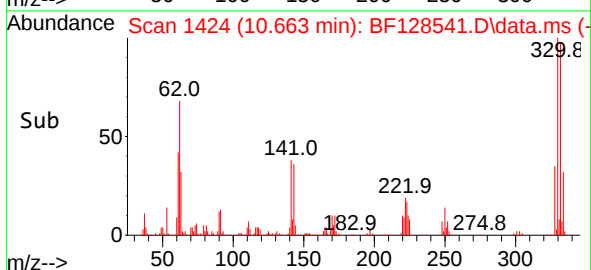
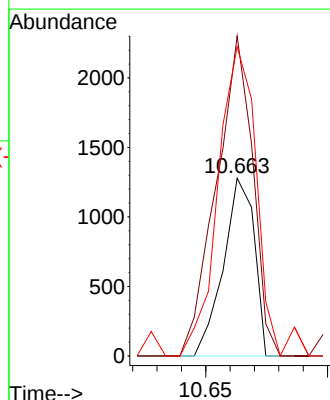
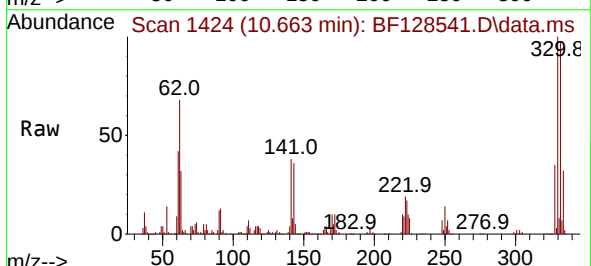
Tgt Ion:198 Resp: 1125

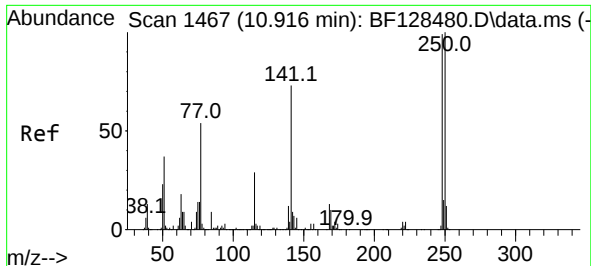
Ion Ratio Lower Upper

198 100

51 180.0 37.6 77.6#

105 174.0 27.0 67.0#

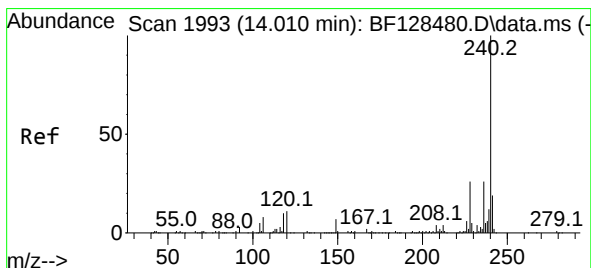
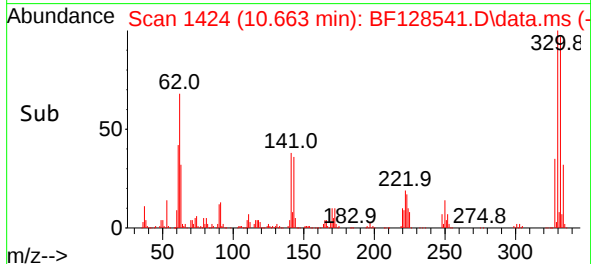
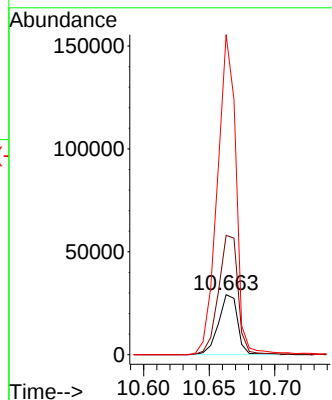
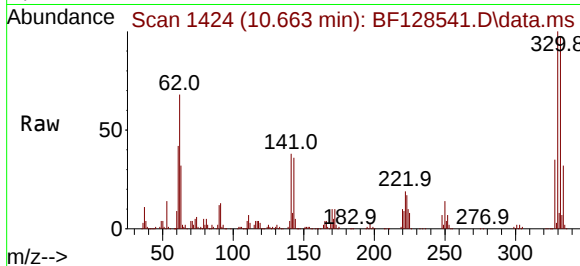




#67
4-Bromophenyl-phenylether
Concen: 3.591 ng
RT: 10.663 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF128541.D
Acq: 28 May 2022 11:32

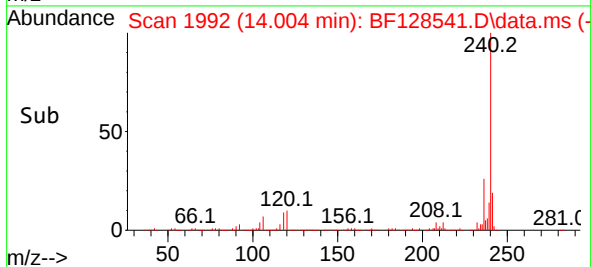
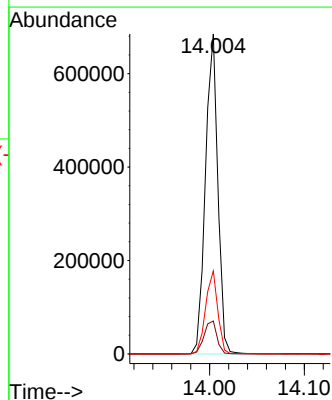
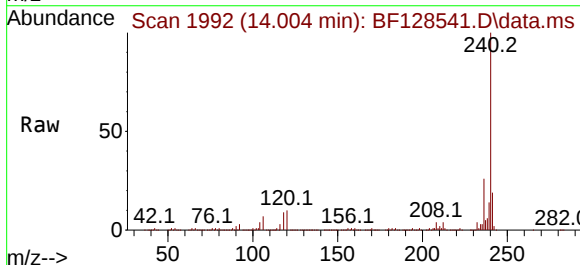
Instrument :
BNA_F
ClientSampleId :
P005-SS003-2430-01

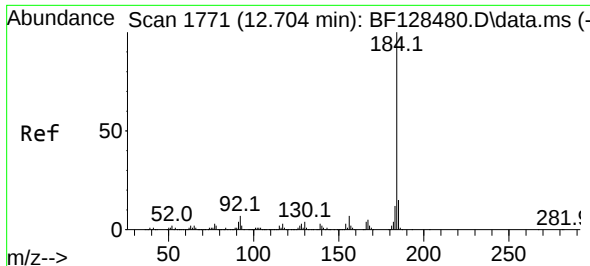
Tgt Ion:248 Resp: 29644
Ion Ratio Lower Upper
248 100
250 198.8 80.6 120.8#
141 533.2 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128541.D
Acq: 28 May 2022 11:32

Tgt Ion:240 Resp: 619709
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.9 20.8 31.2

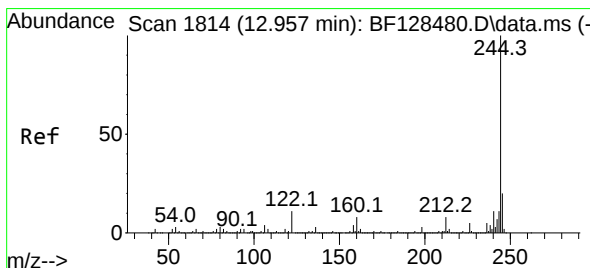
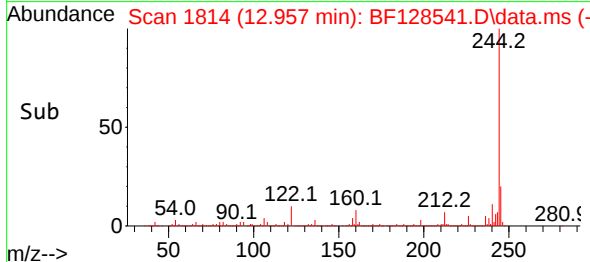
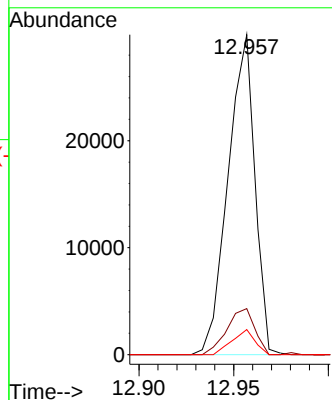
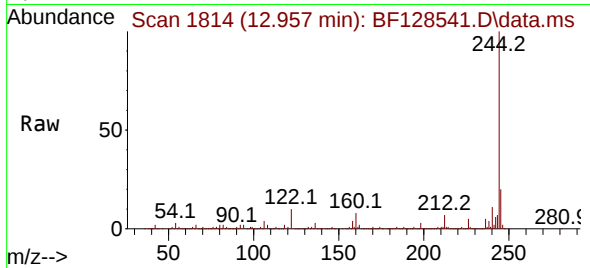




#77
Benzidine
Concen: 2.063 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.253 min
Lab File: BF128541.D
Acq: 28 May 2022 11:32

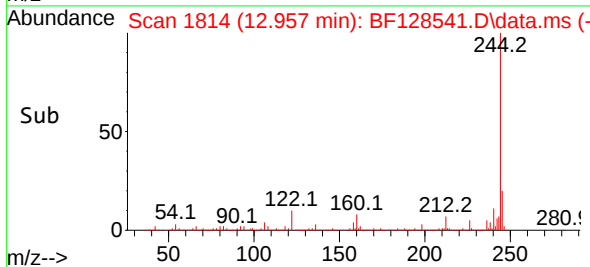
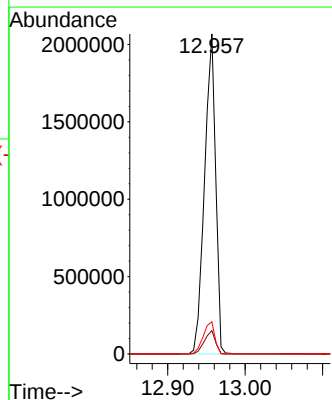
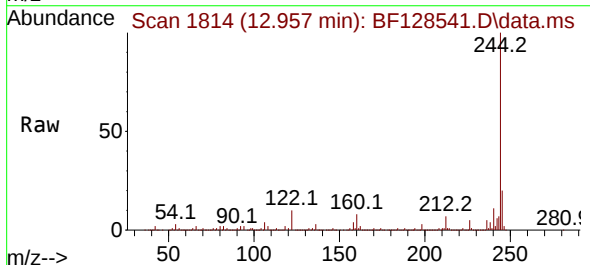
Instrument :
BNA_F
ClientSampleId :
P005-SS003-2430-01

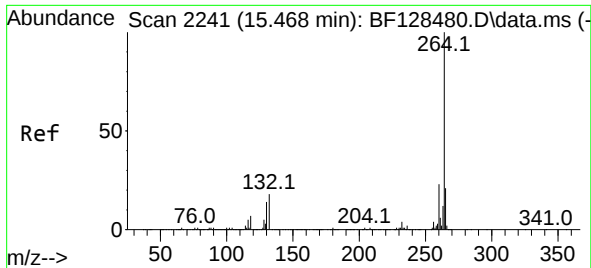
Tgt Ion:184 Resp: 29493
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 7.9 9.3 13.9#



#79
Terphenyl-d14
Concen: 64.092 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF128541.D
Acq: 28 May 2022 11:32

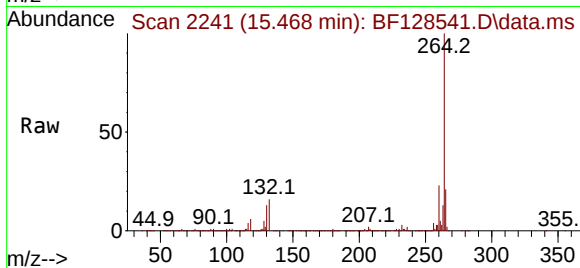
Tgt Ion:244 Resp: 2055853
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 10.1 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF128541.D
 Acq: 28 May 2022 11:32

Instrument :
 BNA_F
 ClientSampleId :
 P005-SS003-2430-01



Tgt Ion:264 Resp: 509990
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 20.9 17.2 25.8

