

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128540.D
 Acq On : 28 May 2022 10:48
 Operator : CG\JU
 Sample : PB144997BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144997BL

Quant Time: May 28 22:41:28 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)

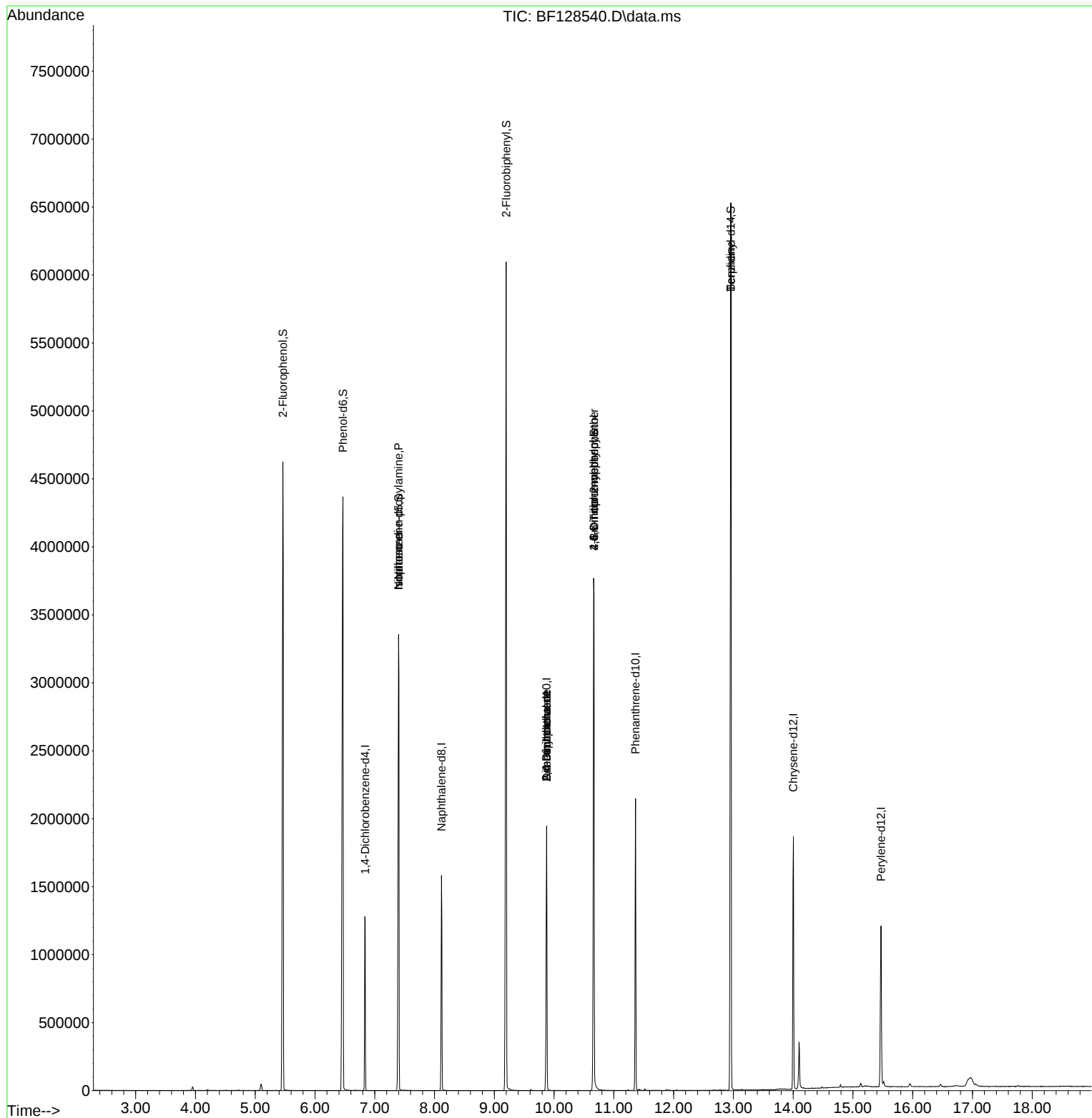
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	188504	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	734578	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	413542	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	775665	20.000	ng	0.00
76) Chrysene-d12	14.004	240	636175	20.000	ng	0.00
86) Perylene-d12	15.468	264	553970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1454958	127.849	ng	0.01
7) Phenol-d6	6.469	99	1831062	126.191	ng	0.00
23) Nitrobenzene-d5	7.398	82	1273187	99.986	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	531858	135.119	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2286320	89.821	ng	0.00
79) Terphenyl-d14	12.957	244	2596548	78.853	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.469	77	3178	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	173419	19.492	ng	# 79
25) Isophorone	7.398	82	1270802	54.099	ng	# 65
50) Dimethylphthalate	9.875	163	72597	2.706	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	53526	10.888	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	53526	9.100	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.669	198	1471	5.865	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	35279	4.402	ng	# 1
77) Benzidine	12.957	184	36328	2.476	ng	# 93

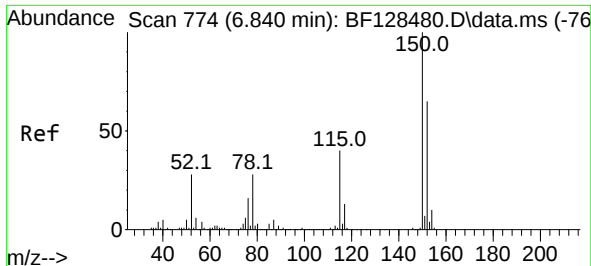
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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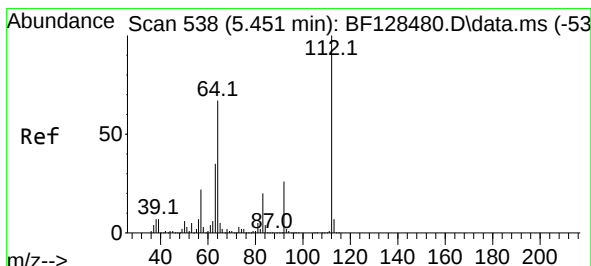
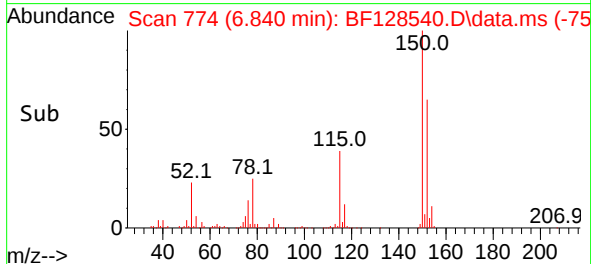
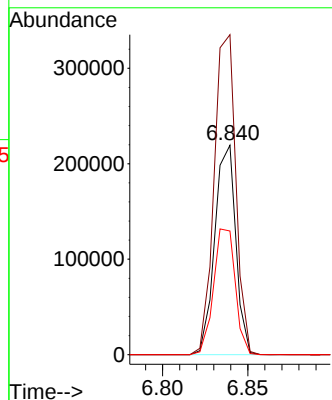
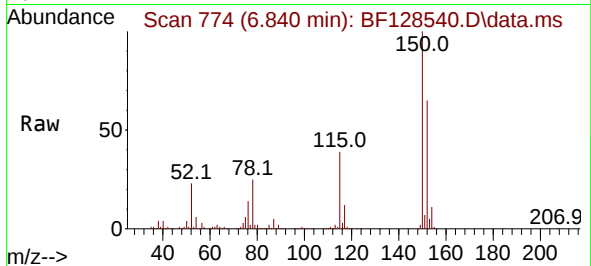




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128540.D
 Acq: 28 May 2022 10:48

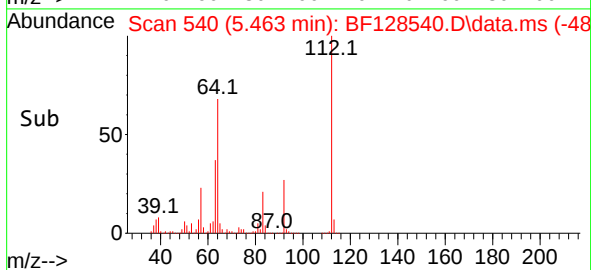
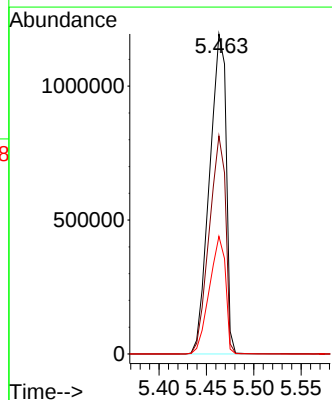
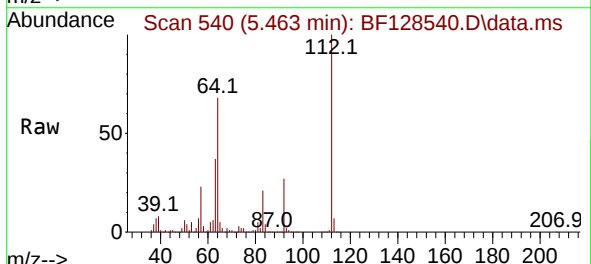
Instrument :
 BNA_F
 ClientSampleId :
 PB144997BL

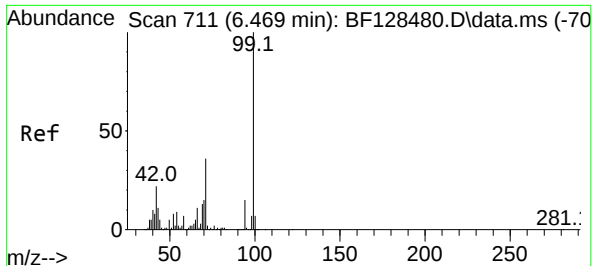
Tgt Ion:152 Resp: 188504
 Ion Ratio Lower Upper
 152 100
 150 152.8 123.7 185.5
 115 59.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 127.849 ng
 RT: 5.463 min Scan# 540
 Delta R.T. 0.012 min
 Lab File: BF128540.D
 Acq: 28 May 2022 10:48

Tgt Ion:112 Resp: 1454958
 Ion Ratio Lower Upper
 112 100
 64 68.2 53.3 79.9
 63 36.7 28.0 42.0





#7
Phenol-d6
Concen: 126.191 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF128540.D
Acq: 28 May 2022 10:48

Instrument :

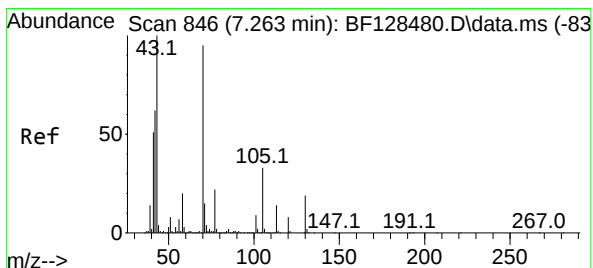
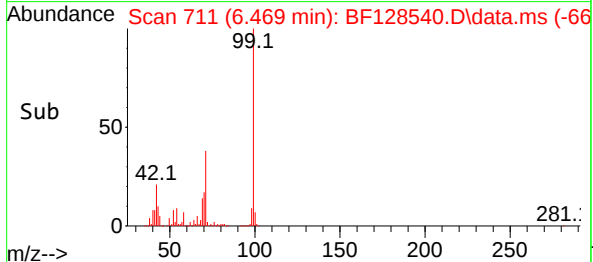
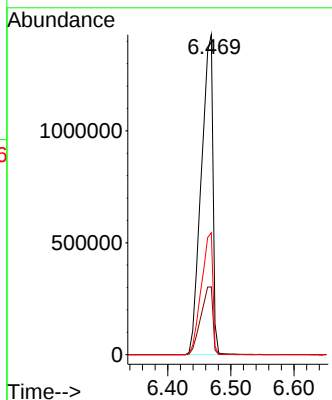
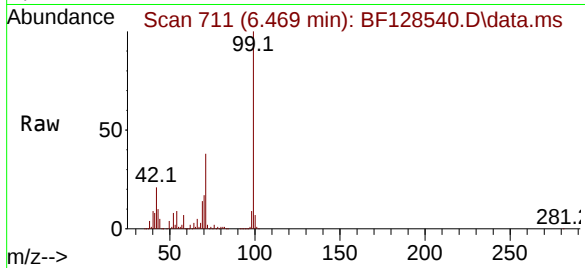
BNA_F

ClientSampleId :

PB144997BL

Tgt Ion: 99 Resp: 1831062

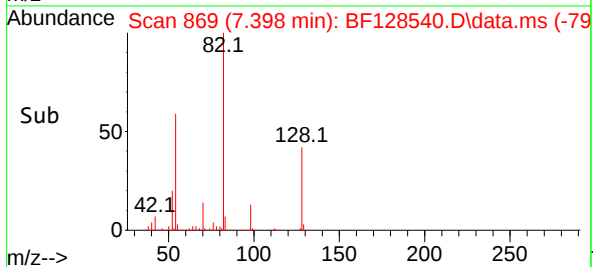
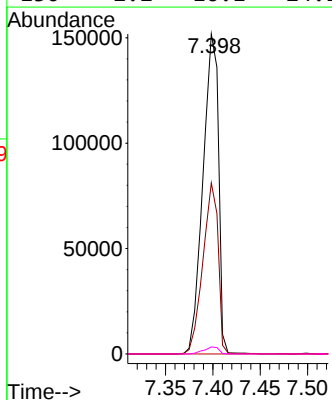
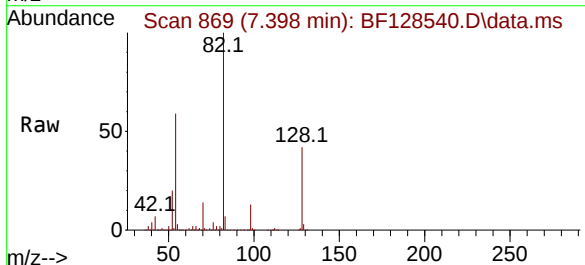
Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.3	25.9
71	38.1	28.9	43.3

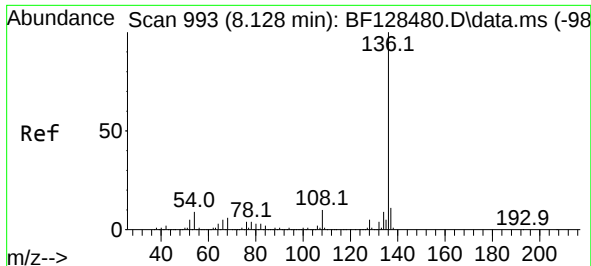


#19
n-Nitroso-di-n-propylamine
Concen: 19.492 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128540.D
Acq: 28 May 2022 10:48

Tgt Ion: 70 Resp: 173419

Ion	Ratio	Lower	Upper
70	100		
42	53.4	52.3	78.5
101	0.0	7.5	11.3#
130	2.2	16.1	24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF128540.D

Acq: 28 May 2022 10:48

Instrument :

BNA_F

ClientSampleId :

PB144997BL

Tgt Ion:136 Resp: 734578

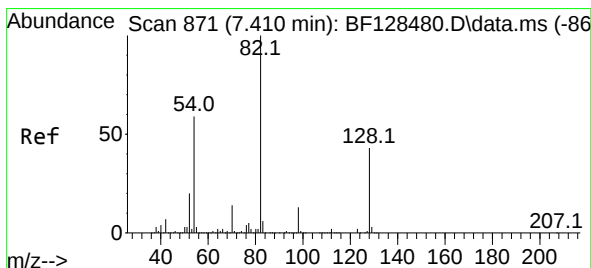
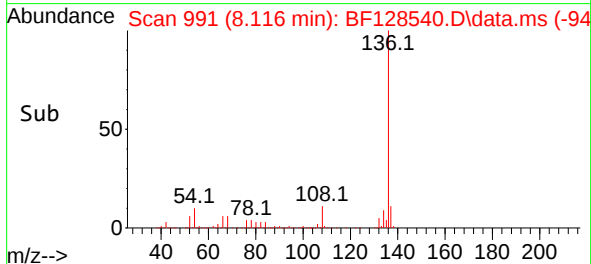
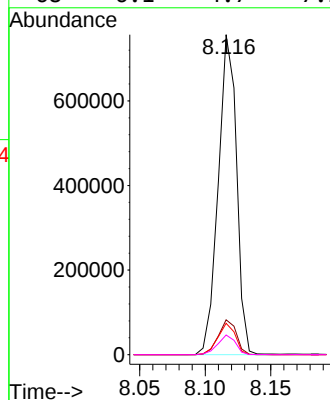
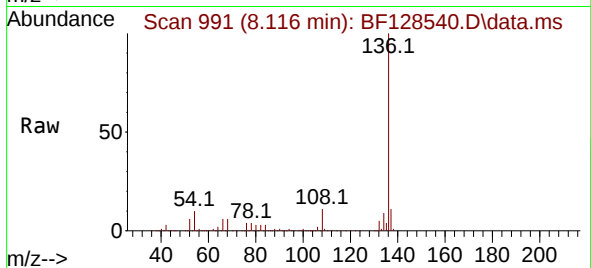
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.8 7.5 11.3

68 6.1 4.7 7.1



#23

Nitrobenzene-d5

Concen: 99.986 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF128540.D

Acq: 28 May 2022 10:48

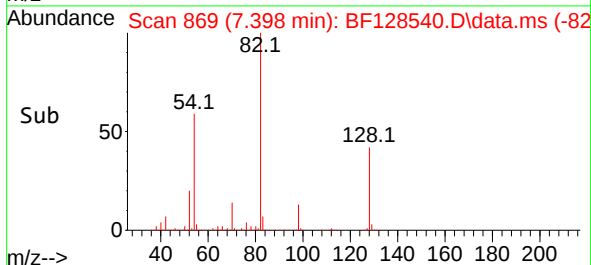
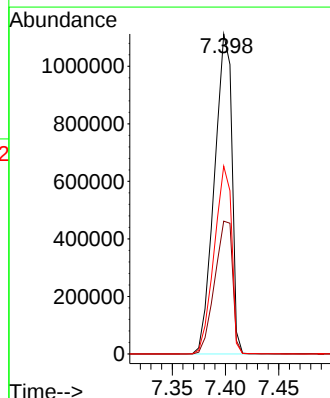
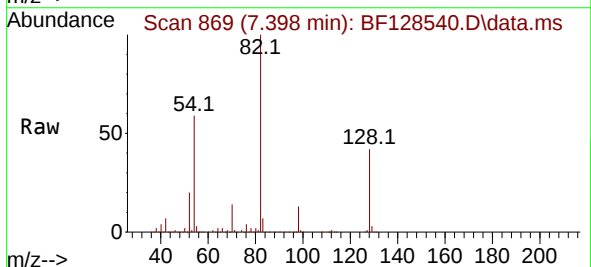
Tgt Ion: 82 Resp: 1273187

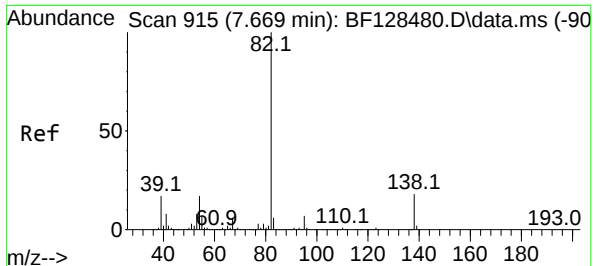
Ion Ratio Lower Upper

82 100

128 41.5 34.0 51.0

54 58.7 46.9 70.3

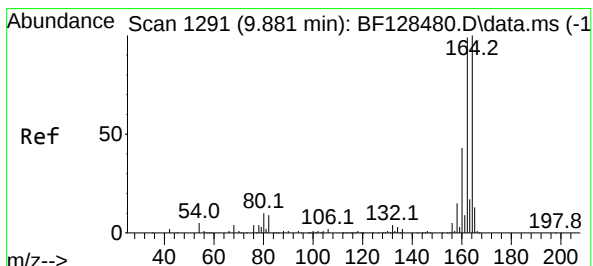
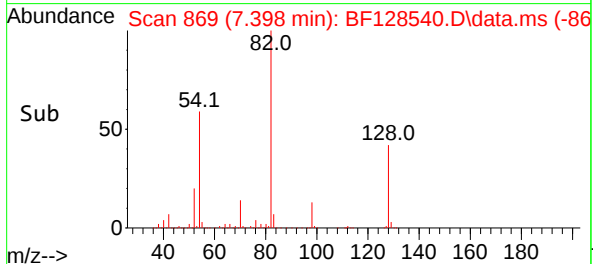
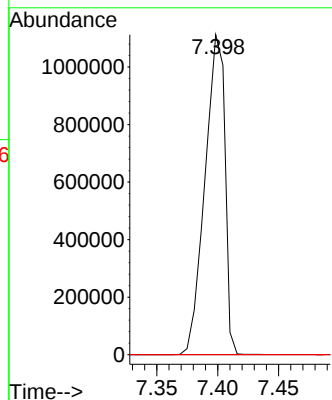
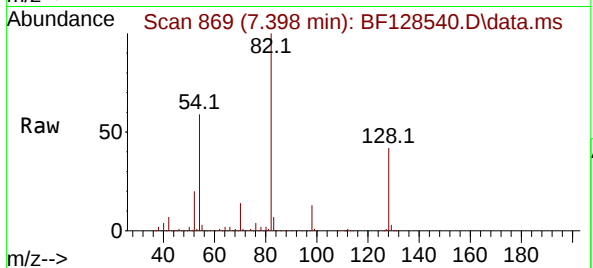




#25
Isophorone
Concen: 54.099 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128540.D
Acq: 28 May 2022 10:48

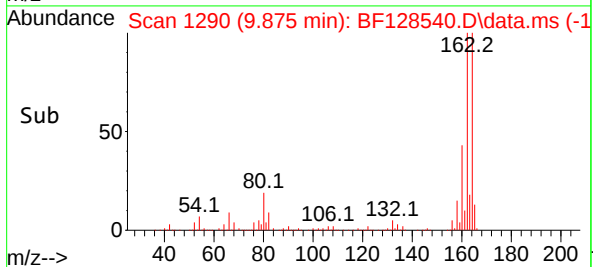
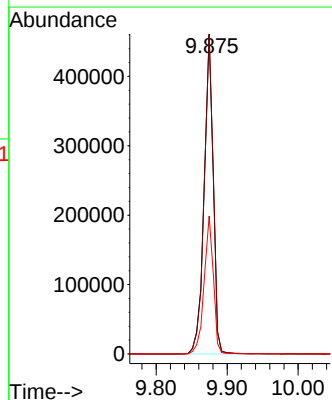
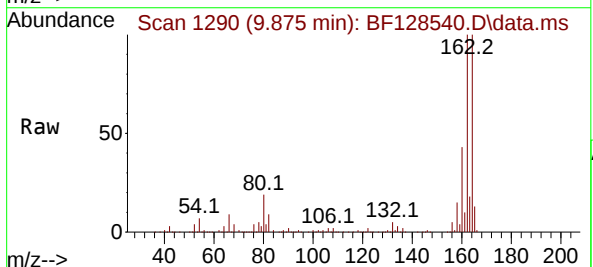
Instrument :
BNA_F
ClientSampleId :
PB144997BL

Tgt Ion: 82 Resp: 1270802
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: BF128540.D
Acq: 28 May 2022 10:48

Tgt Ion:164 Resp: 413542
Ion Ratio Lower Upper
164 100
162 99.8 79.5 119.3
160 43.1 34.2 51.4

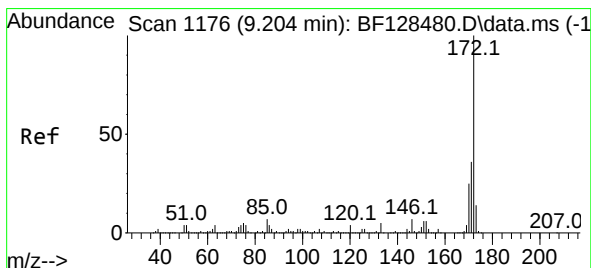
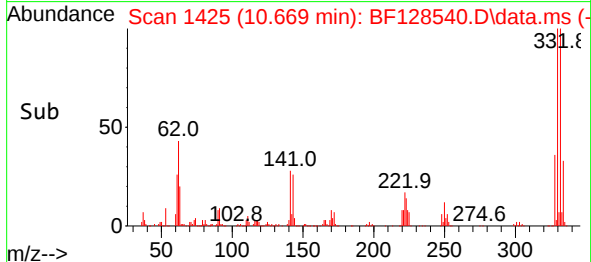
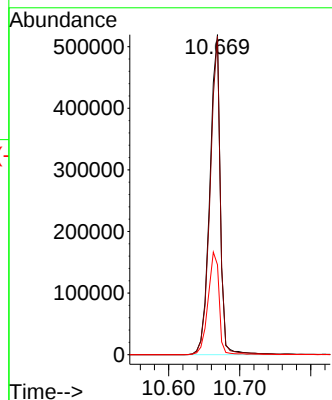
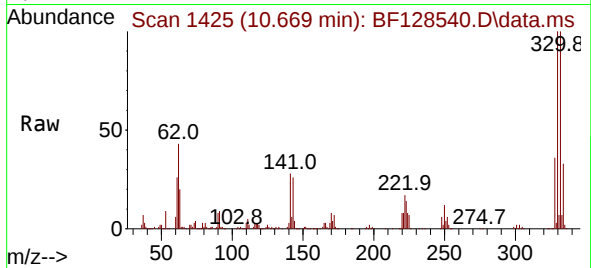




#42
 2,4,6-Tribromophenol
 Concen: 135.119 ng
 RT: 10.669 min Scan# 1426
 Delta R.T. -0.006 min
 Lab File: BF128540.D
 Acq: 28 May 2022 10:48

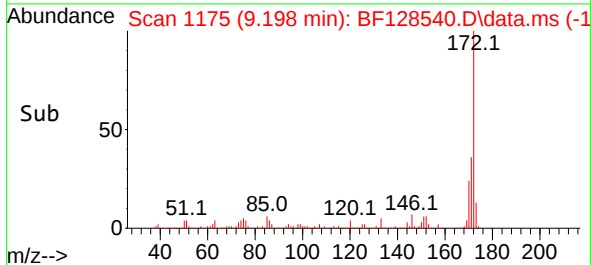
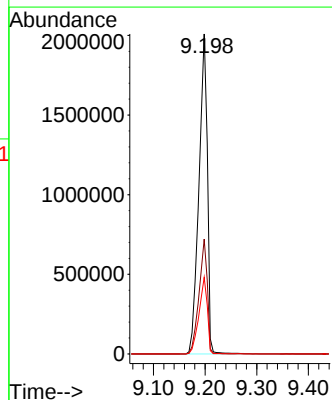
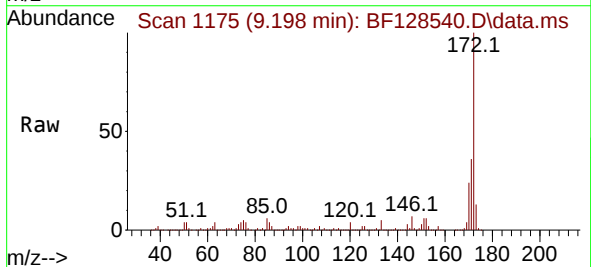
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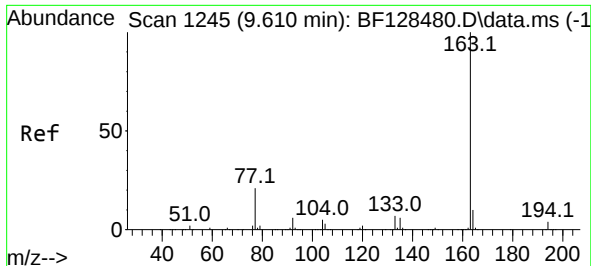
Tgt Ion:330 Resp: 531858
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 34.2 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 89.821 ng
 RT: 9.198 min Scan# 1175
 Delta R.T. -0.006 min
 Lab File: BF128540.D
 Acq: 28 May 2022 10:48

Tgt Ion:172 Resp: 2286320
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.8 43.2
 170 23.9 19.8 29.8

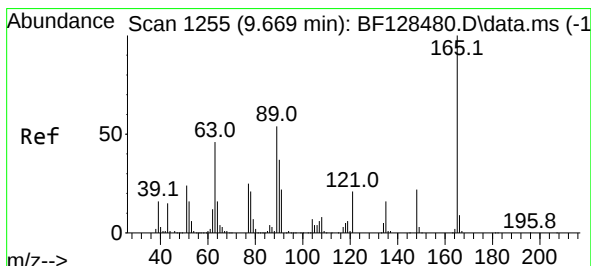
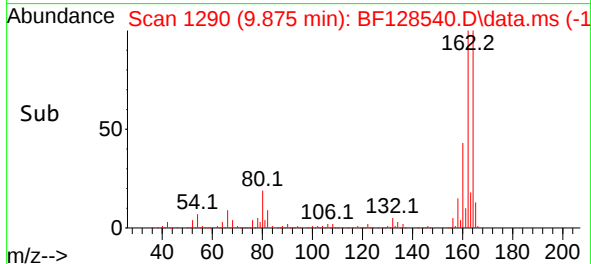
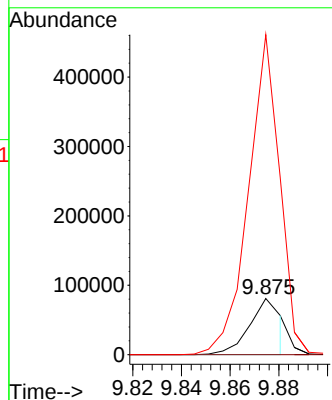
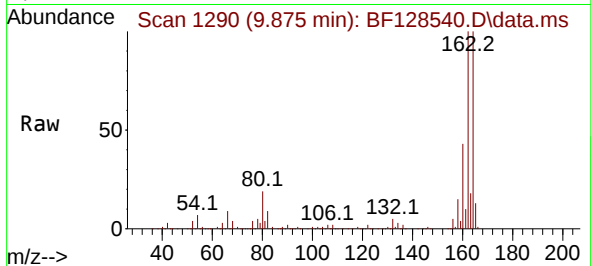




#50
Dimethylphthalate
Concen: 2.706 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128540.D
Acq: 28 May 2022 10:48

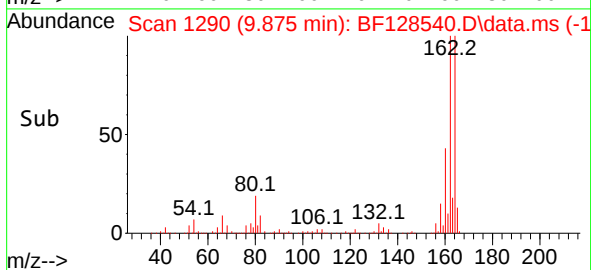
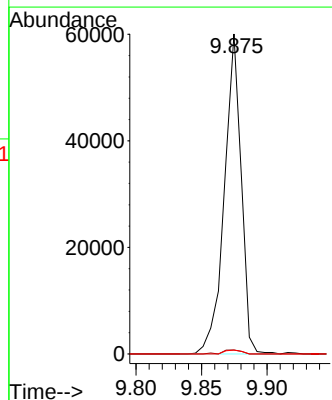
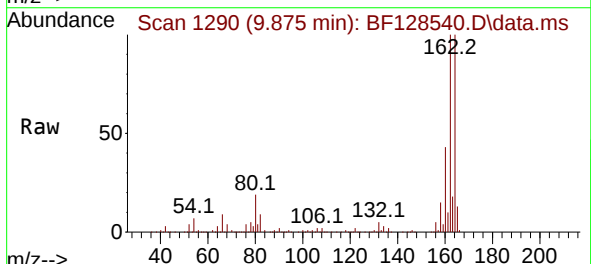
Instrument :
BNA_F
ClientSampleId :
PB144997BL

Tgt Ion:163 Resp: 72597
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 569.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.888 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128540.D
Acq: 28 May 2022 10:48

Tgt Ion:165 Resp: 53526
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.2 43.6 65.4#

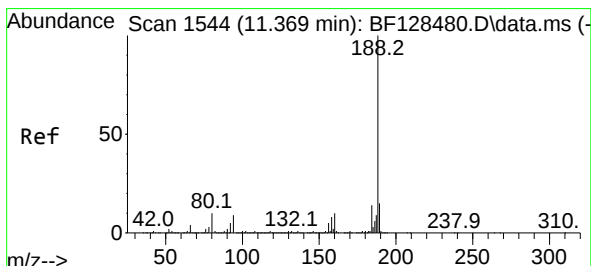
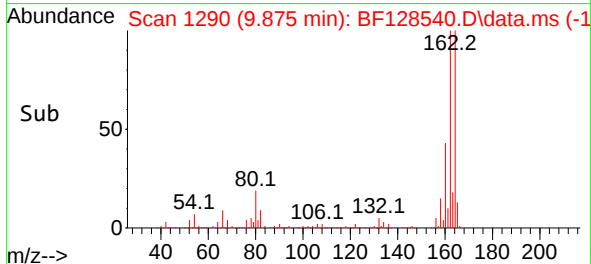
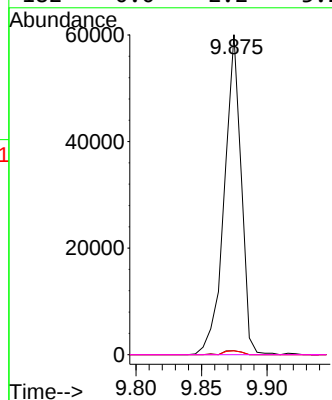
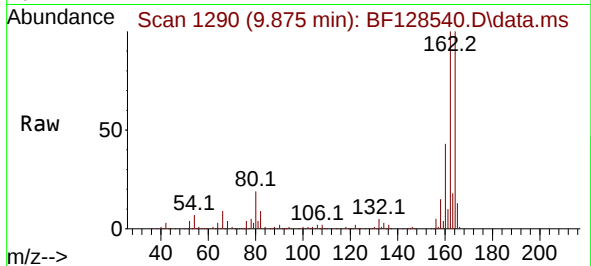




#57
2,4-Dinitrotoluene
Concen: 9.100 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128540.D
Acq: 28 May 2022 10:48

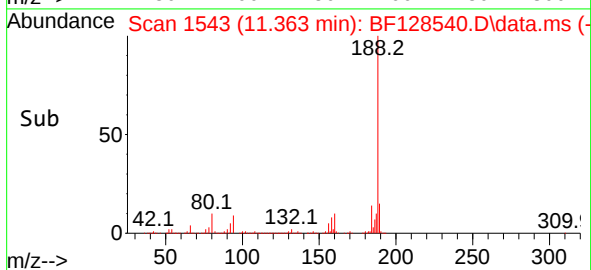
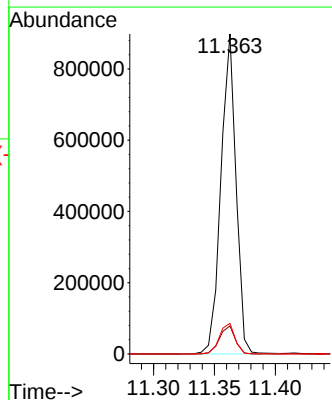
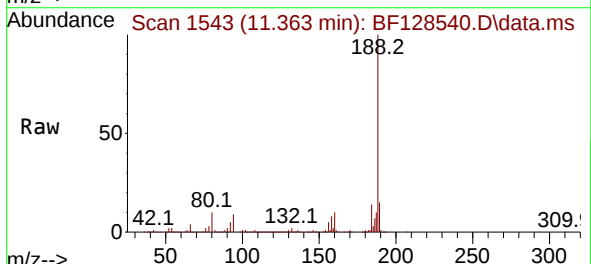
Instrument :
BNA_F
ClientSampleId :
PB144997BL

Tgt Ion:165 Resp: 53526
Ion Ratio Lower Upper
165 100
63 1.3 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# 1543
Delta R.T. -0.006 min
Lab File: BF128540.D
Acq: 28 May 2022 10:48

Tgt Ion:188 Resp: 775665
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.5 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.865 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.194 min

Lab File: BF128540.D

Acq: 28 May 2022 10:48

Instrument :

BNA_F

ClientSampleId :

PB144997BL

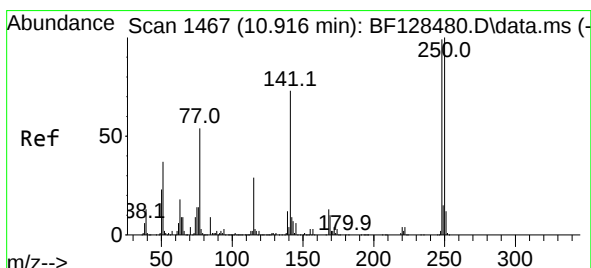
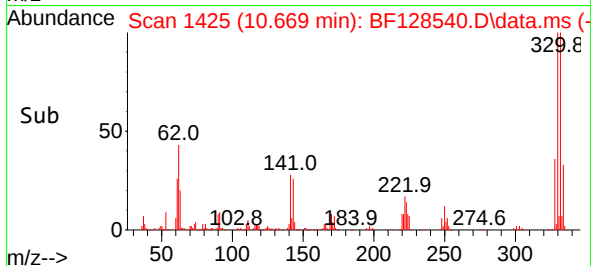
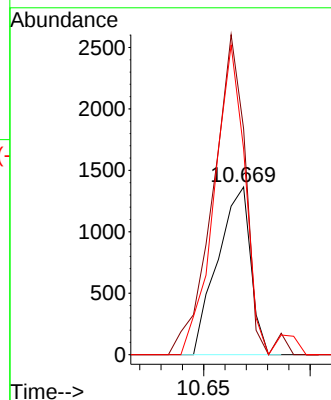
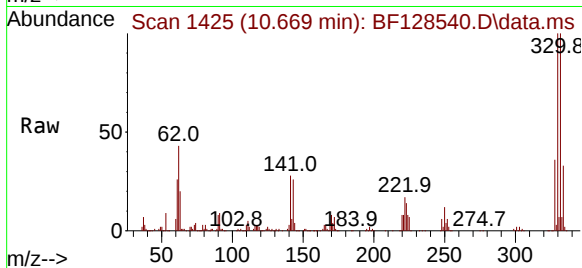
Tgt Ion:198 Resp: 1471

Ion Ratio Lower Upper

198 100

51 134.7 37.6 77.6#

105 122.6 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 4.402 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.247 min

Lab File: BF128540.D

Acq: 28 May 2022 10:48

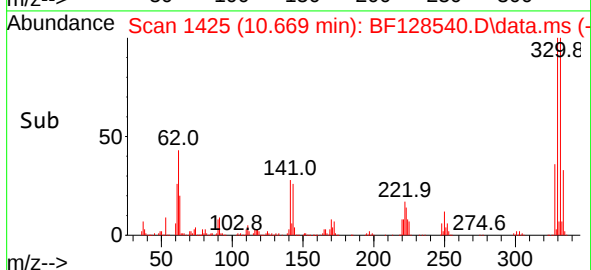
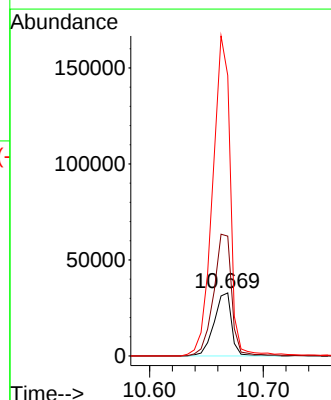
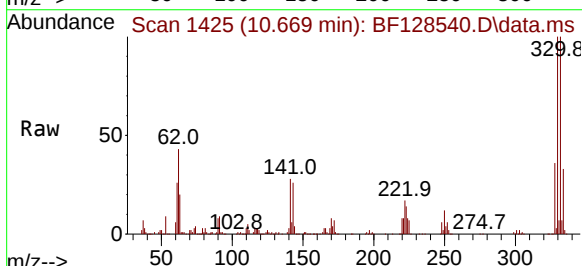
Tgt Ion:248 Resp: 35279

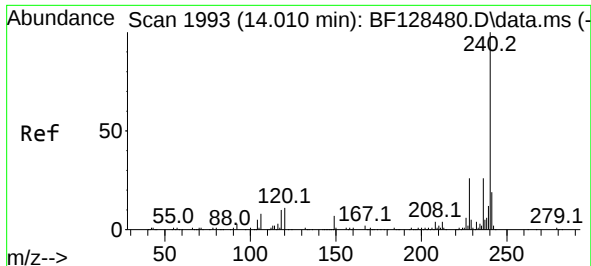
Ion Ratio Lower Upper

248 100

250 189.9 80.6 120.8#

141 444.6 58.9 88.3#

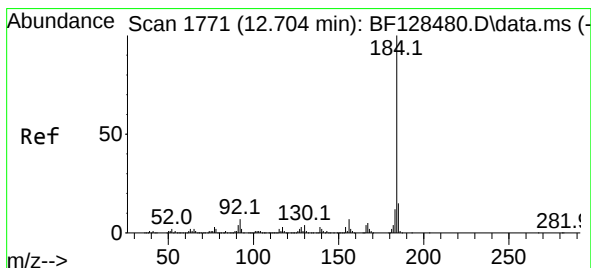
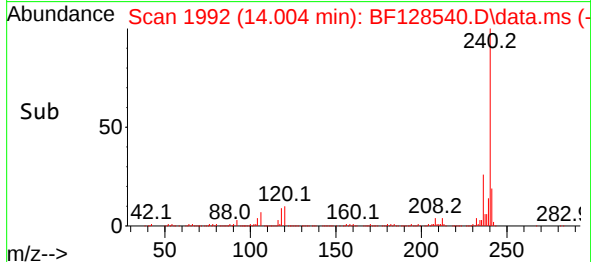
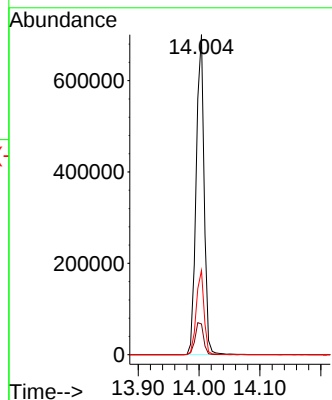
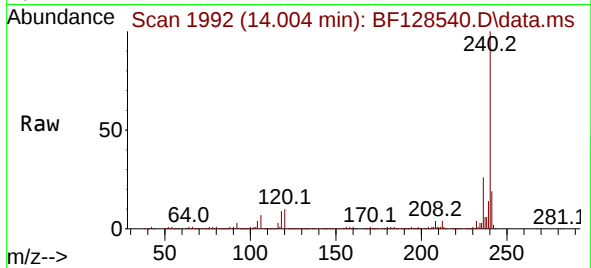




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF128540.D
Acq: 28 May 2022 10:48

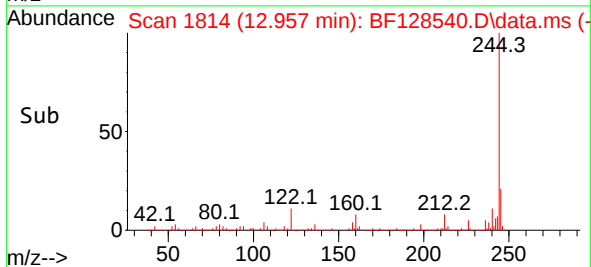
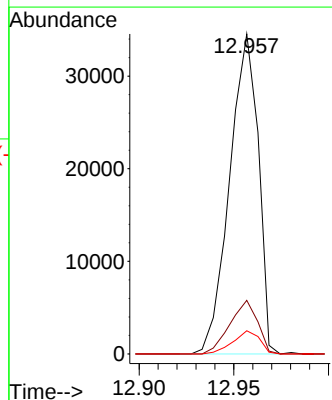
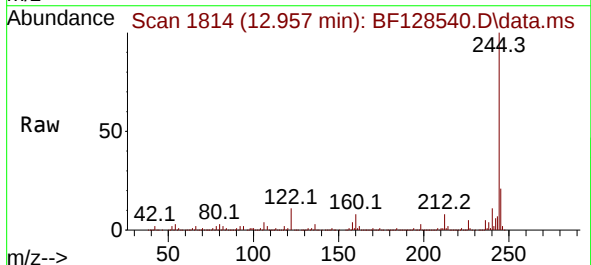
Instrument :
BNA_F
ClientSampleId :
PB144997BL

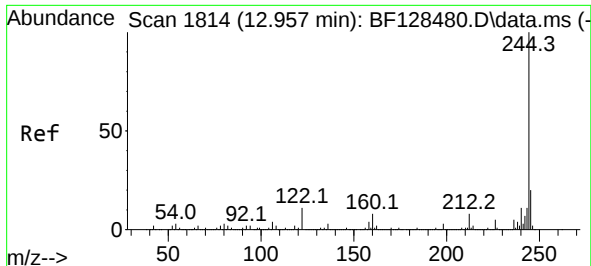
Tgt Ion:240 Resp: 636175
Ion Ratio Lower Upper
240 100
120 9.6 8.9 13.3
236 26.3 20.8 31.2



#77
Benzidine
Concen: 2.476 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.253 min
Lab File: BF128540.D
Acq: 28 May 2022 10:48

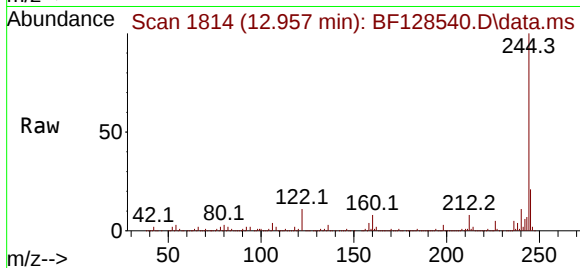
Tgt Ion:184 Resp: 36328
Ion Ratio Lower Upper
184 100
185 16.8 11.9 17.9
183 7.2 9.3 13.9#





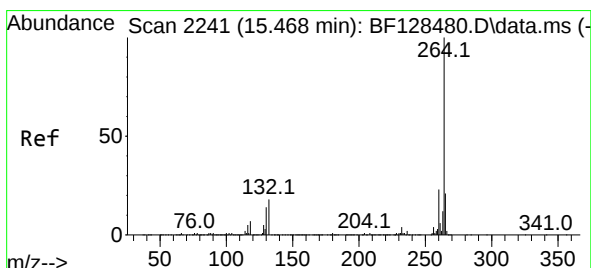
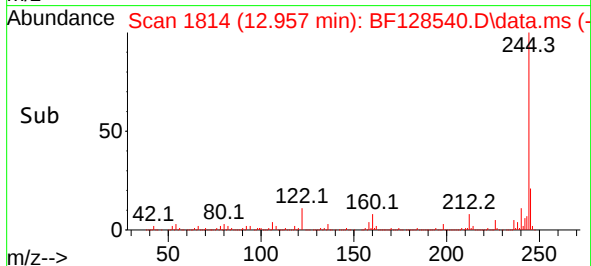
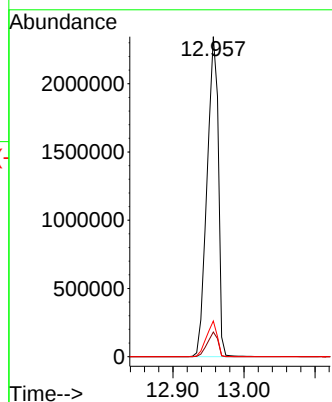
#79
 Terphenyl-d14
 Concen: 78.853 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128540.D
 Acq: 28 May 2022 10:48

Instrument :
 BNA_F
 ClientSampleId :
 PB144997BL



Tgt Ion:244 Resp: 2596548

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	11.2	8.8	13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF128540.D
 Acq: 28 May 2022 10:48

Tgt Ion:264 Resp: 553970

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	21.9	17.2	25.8

