

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132740.D
 Acq On : 10 Mar 2023 14:23
 Operator : CG\JU
 Sample : PB151252TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151252TB

Quant Time: Mar 10 17:50:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

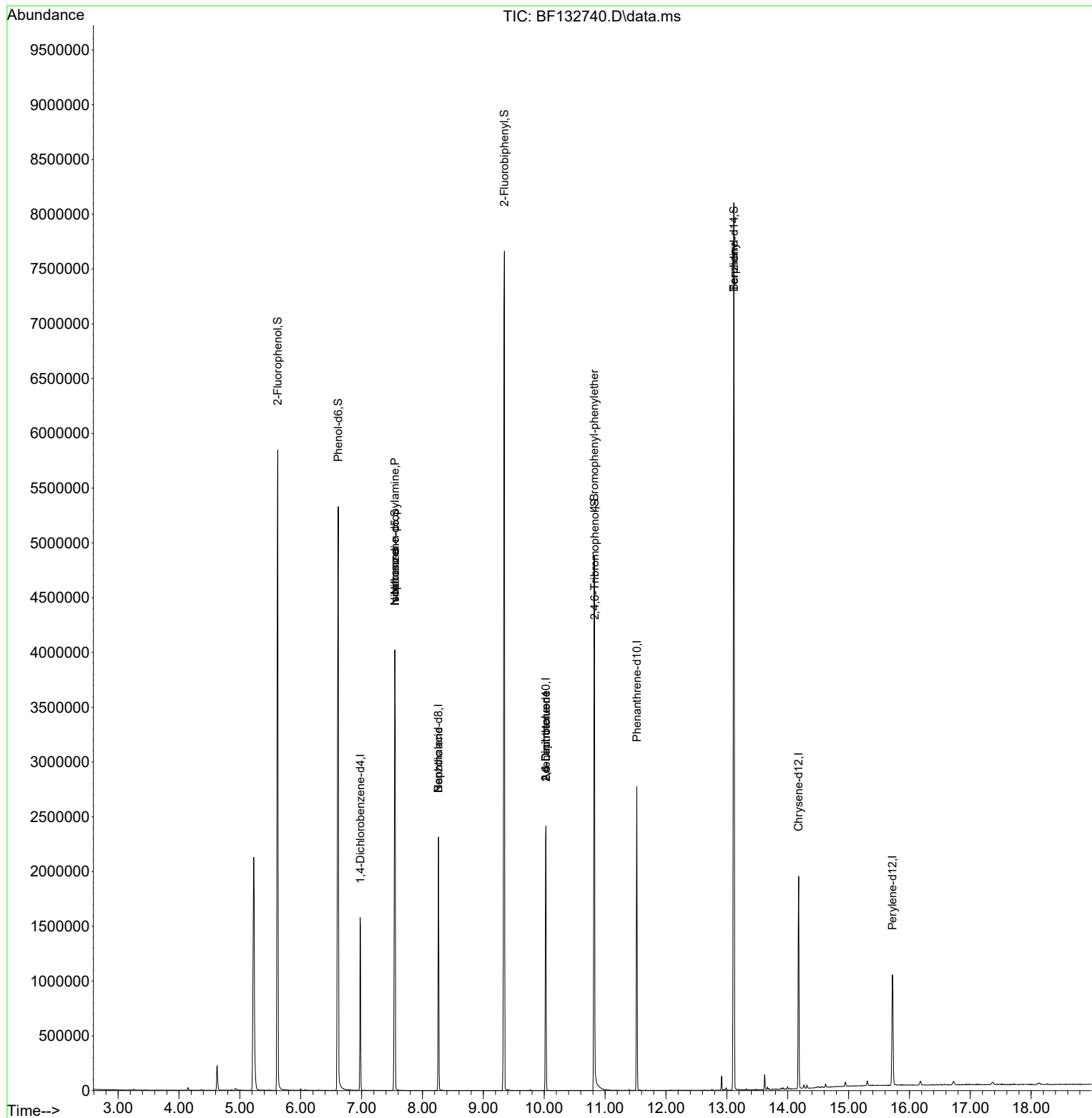
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	246493	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	922714	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	505467	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	972933	20.000	ng	0.00
76) Chrysene-d12	14.180	240	635059	20.000	ng	0.00
86) Perylene-d12	15.721	264	484957	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1859930	122.462	ng	0.01
7) Phenol-d6	6.616	99	2398401	121.001	ng	0.00
23) Nitrobenzene-d5	7.546	82	1589137	81.711	ng	-0.01
42) 2,4,6-Tribromophenol	10.828	330	705241	129.193	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2588210	77.967	ng	0.00
79) Terphenyl-d14	13.116	244	3257912	86.737	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.546	70	211233	17.316	ng	# 75
25) Isophorone	7.546	82	1585099	42.511	ng	# 67
32) Benzoic acid	8.263	122	198	3.852	ng	# 1
51) 2,6-Dinitrotoluene	10.028	165	66764	7.965	ng	# 22
57) 2,4-Dinitrotoluene	10.028	165	66764	5.987	ng	# 21
67) 4-Bromophenyl-phenylether	10.822	248	45491	4.134	ng	# 1
77) Benzidine	13.116	184	48202	3.118	ng	# 94

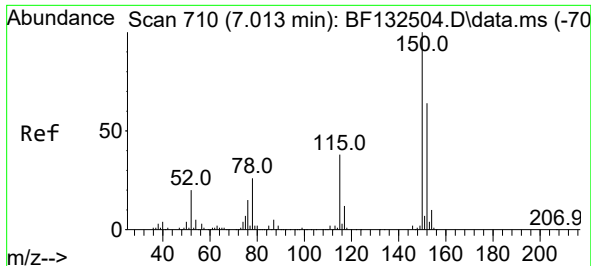
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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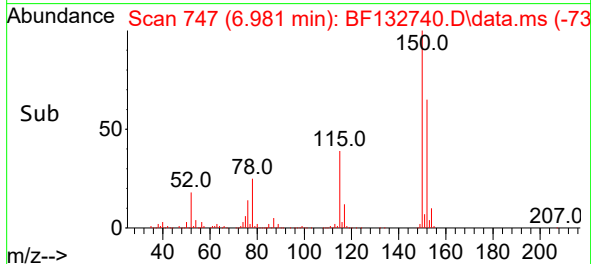
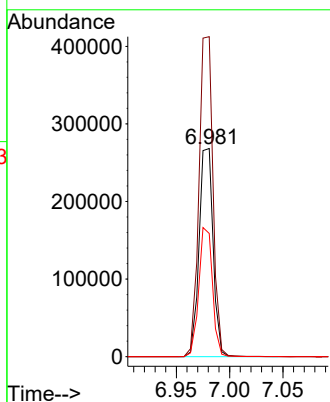
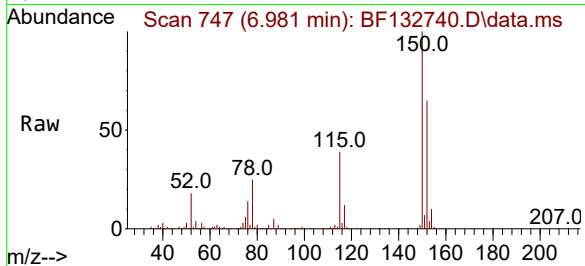




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

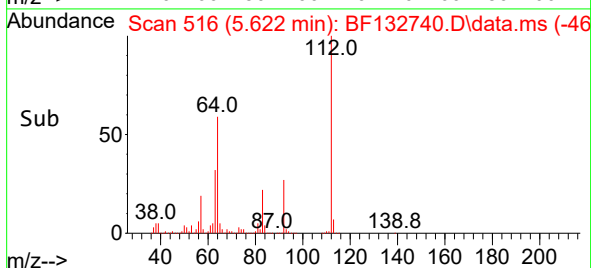
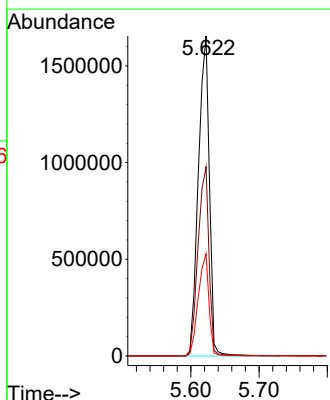
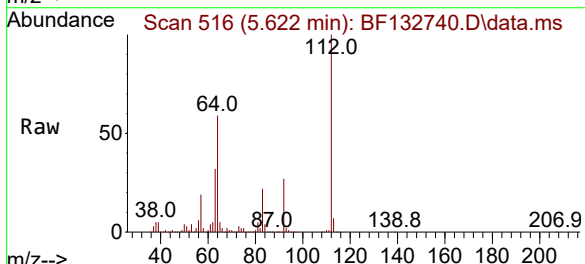
Instrument :
BNA_F
ClientSampleId :
PB151252TB

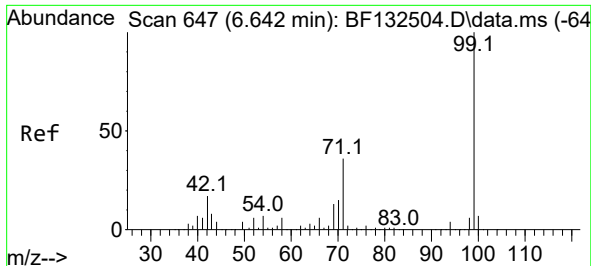
Tgt Ion:152 Resp: 246493
Ion Ratio Lower Upper
152 100
150 153.8 125.4 188.2
115 59.2 47.8 71.6



#5
2-Fluorophenol
Concen: 122.462 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

Tgt Ion:112 Resp: 1859930
Ion Ratio Lower Upper
112 100
64 59.1 51.6 77.4
63 31.9 27.4 41.2

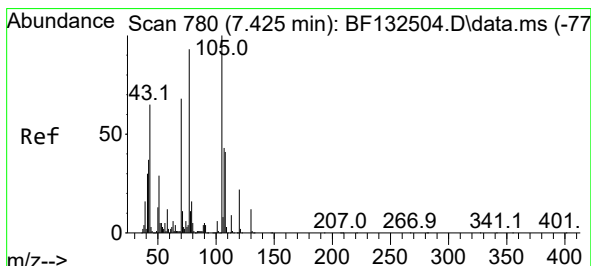
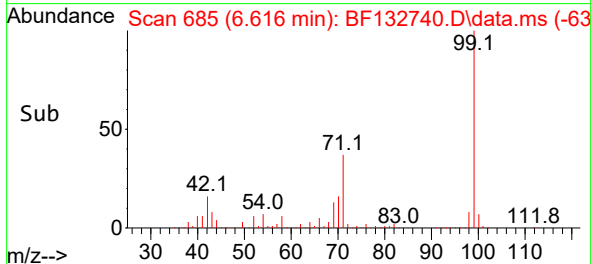
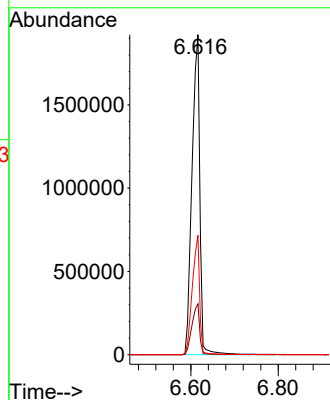
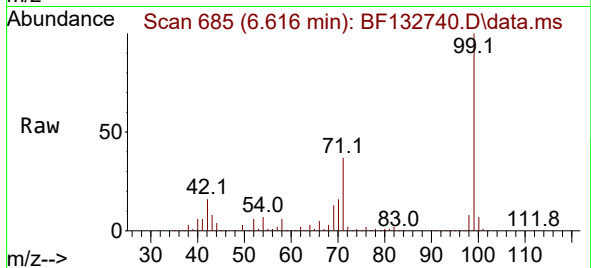




#7
Phenol-d6
Concen: 121.001 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

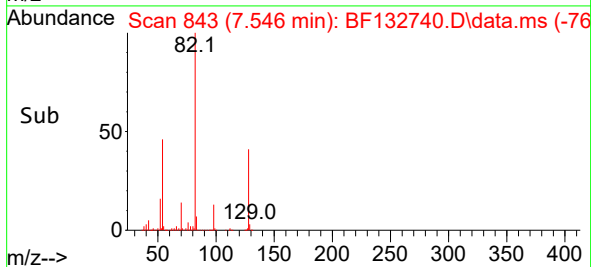
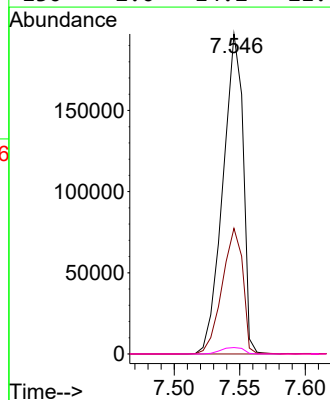
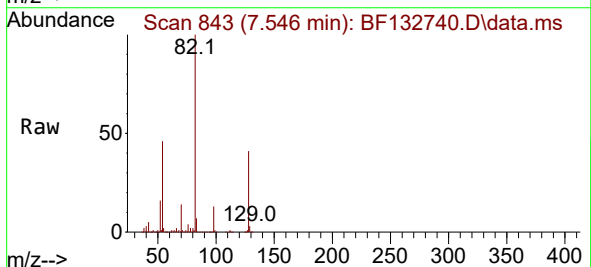
Instrument :
BNA_F
ClientSampleId :
PB151252TB

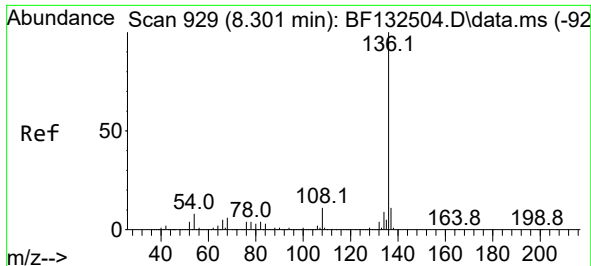
Tgt Ion: 99 Resp: 2398401
Ion Ratio Lower Upper
99 100
42 15.9 13.9 20.9
71 37.3 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.316 ng
RT: 7.546 min Scan# 843
Delta R.T. 0.147 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

Tgt Ion: 70 Resp: 211233
Ion Ratio Lower Upper
70 100
42 39.2 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



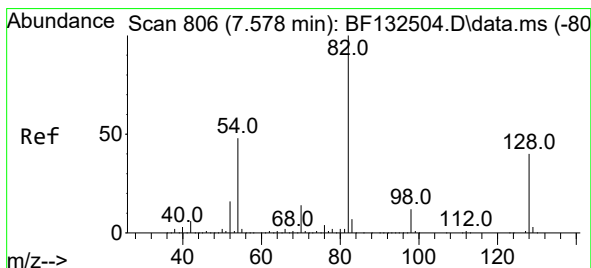
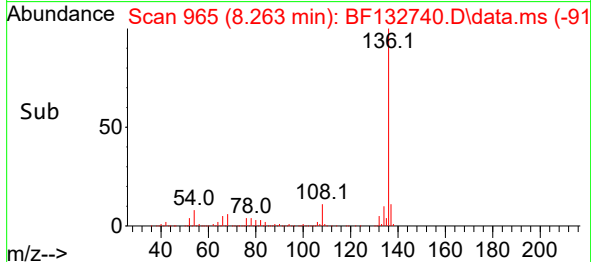
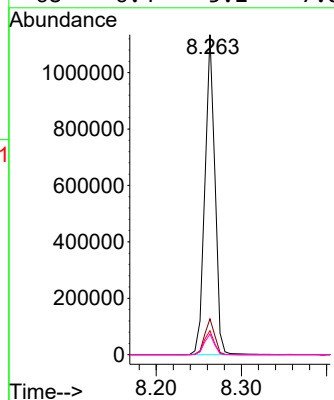
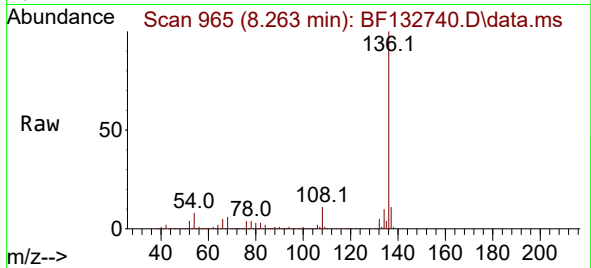


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

Instrument :
BNA_F
ClientSampleId :
PB151252TB

Tgt Ion:136 Resp: 922714

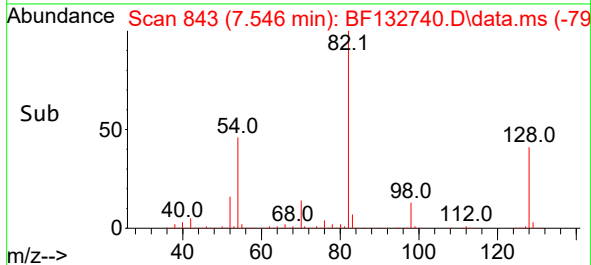
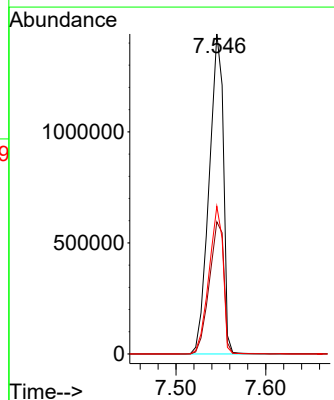
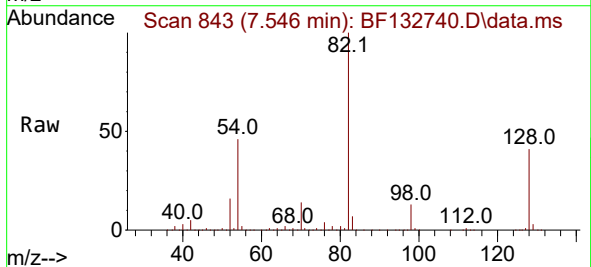
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.5	6.2	9.4
68	6.4	5.2	7.8

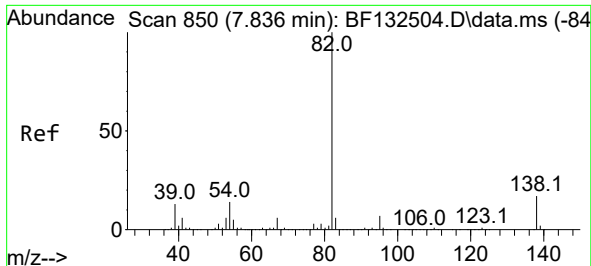


#23
Nitrobenzene-d5
Concen: 81.711 ng
RT: 7.546 min Scan# 843
Delta R.T. -0.011 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

Tgt Ion: 82 Resp: 1589137

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.2	48.2
54	46.2	38.4	57.6

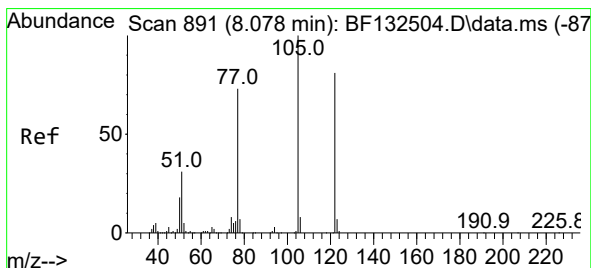
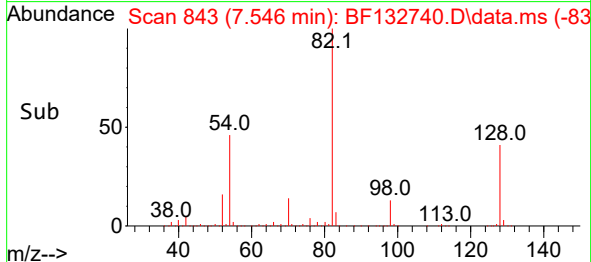
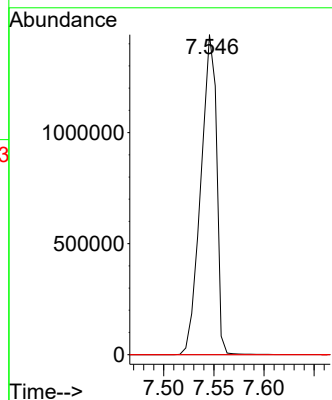
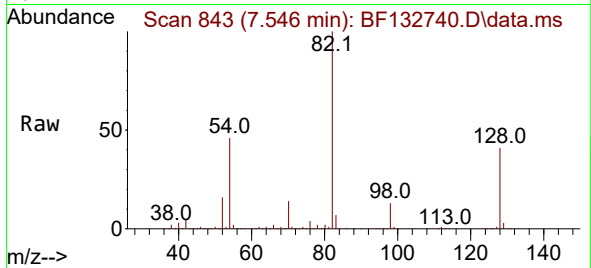




#25
Isophorone
Concen: 42.511 ng
RT: 7.546 min Scan# 84
Delta R.T. -0.264 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

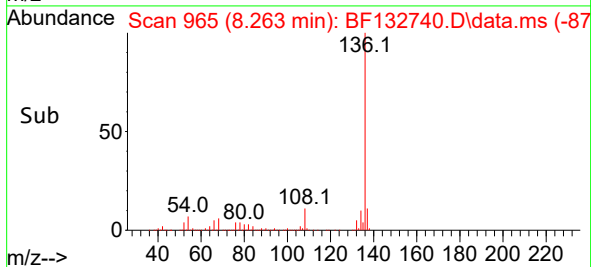
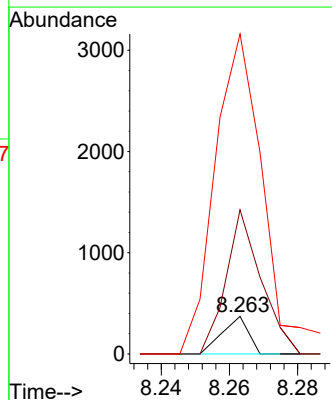
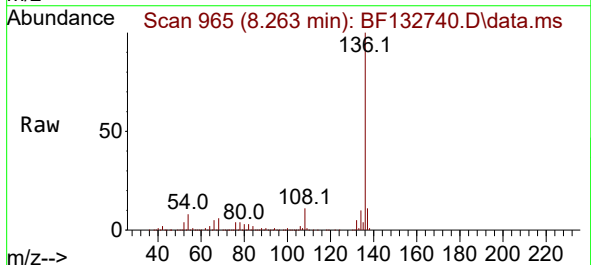
Instrument :
BNA_F
ClientSampleId :
PB151252TB

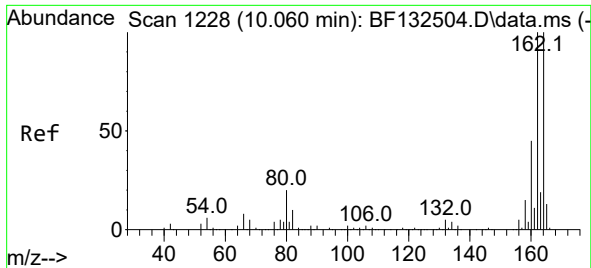
Tgt Ion: 82 Resp: 1585099
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.852 ng
RT: 8.263 min Scan# 965
Delta R.T. 0.212 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

Tgt Ion:122 Resp: 198
Ion Ratio Lower Upper
122 100
105 384.1 102.6 142.6#
77 852.3 70.2 110.2#

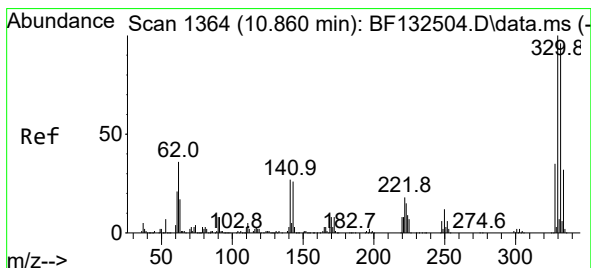
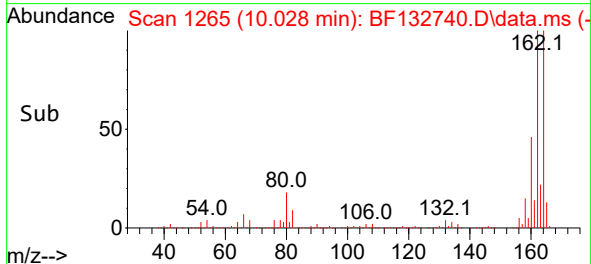
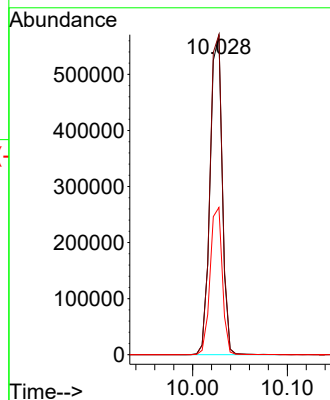
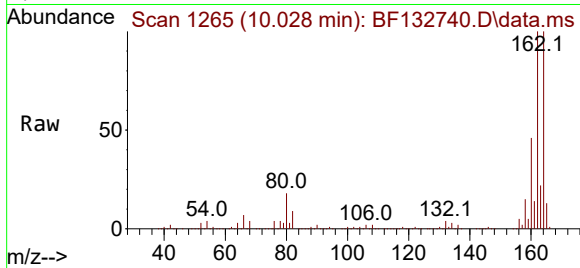




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

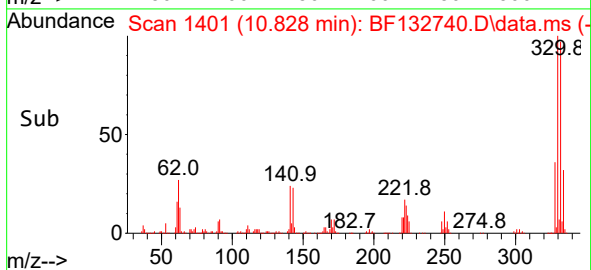
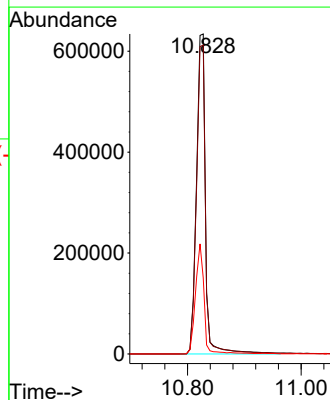
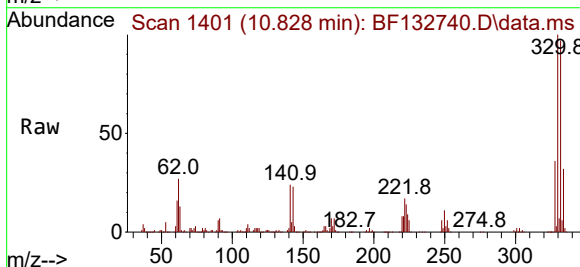
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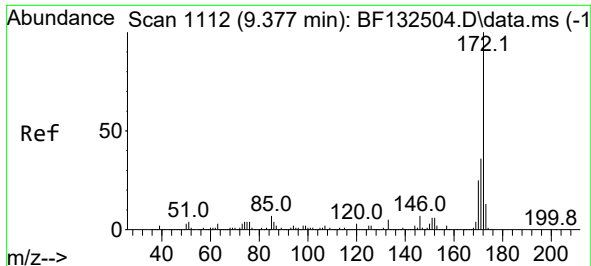
Tgt Ion:164 Resp: 505467
Ion Ratio Lower Upper
164 100
162 100.3 79.8 119.8
160 46.1 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 129.193 ng
RT: 10.828 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

Tgt Ion:330 Resp: 705241
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 32.5 28.4 42.6

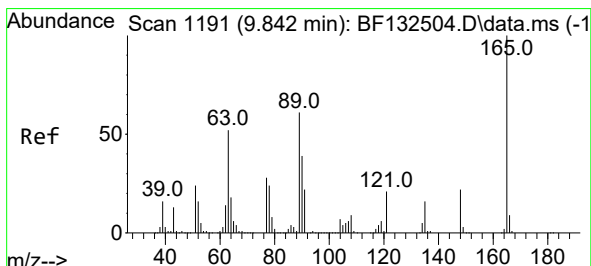
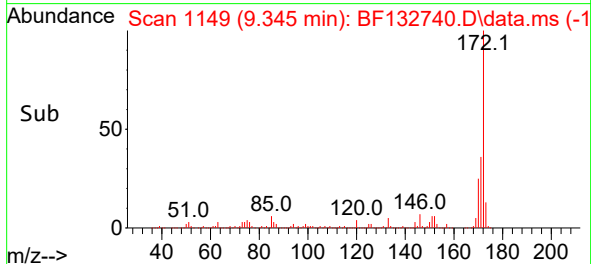
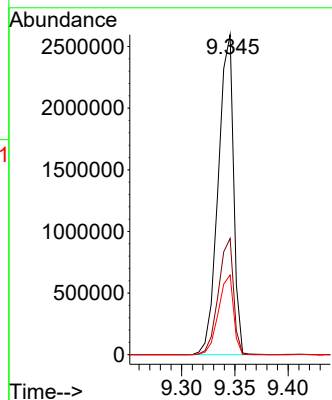
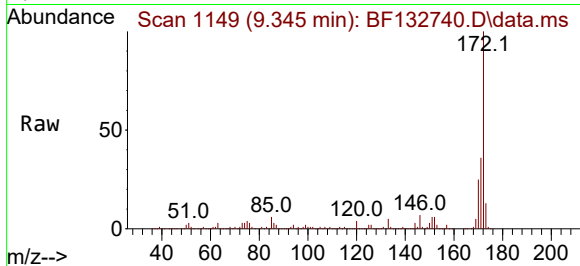




#45
2-Fluorobiphenyl
Concen: 77.967 ng
RT: 9.345 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

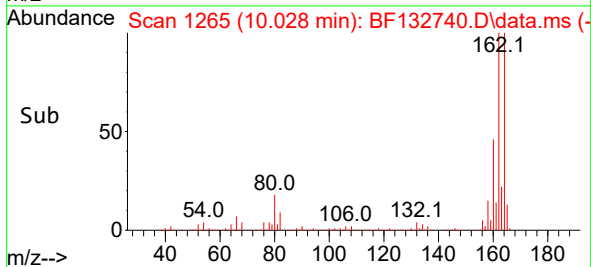
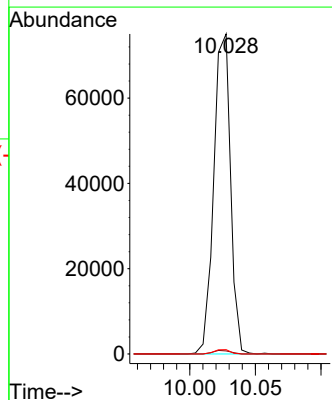
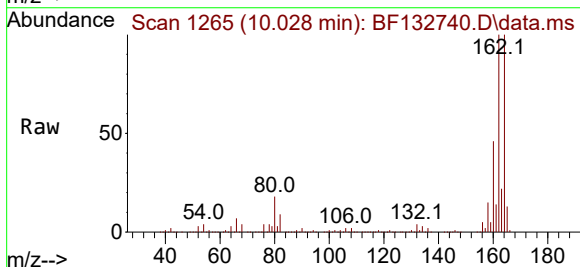
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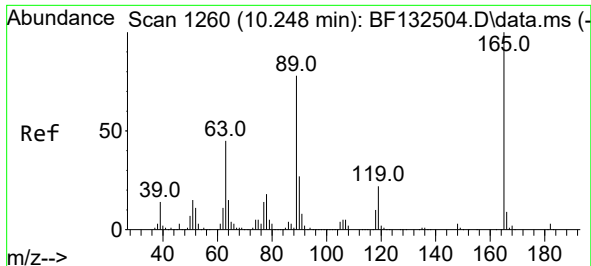
Tgt Ion:172 Resp: 2588210
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.9 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.965 ng
RT: 10.028 min Scan# 1265
Delta R.T. 0.212 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

Tgt Ion:165 Resp: 66764
Ion Ratio Lower Upper
165 100
63 1.0 47.3 70.9#
89 1.3 48.9 73.3#





#57

2,4-Dinitrotoluene

Concen: 5.987 ng

RT: 10.028 min Scan# 1519

Delta R.T. -0.194 min

Lab File: BF132740.D

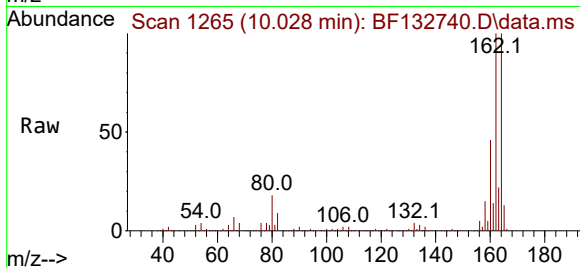
Acq: 10 Mar 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB151252TB



Tgt Ion:165 Resp: 66764

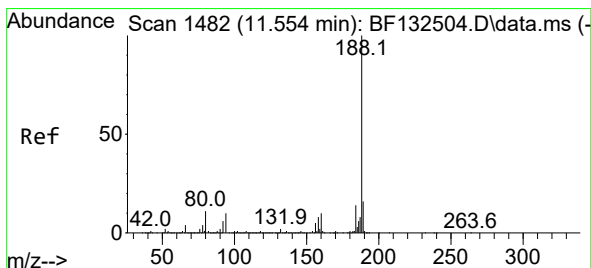
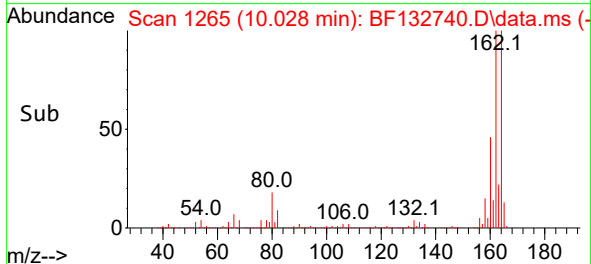
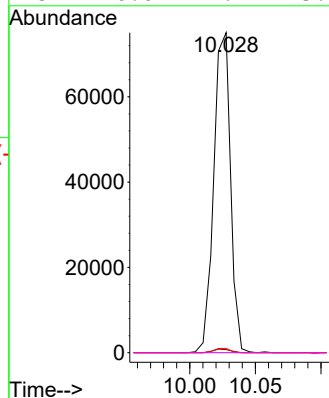
Ion Ratio Lower Upper

165 100

63 1.0 36.5 54.7#

89 1.3 62.4 93.6#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.522 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF132740.D

Acq: 10 Mar 2023 14:23

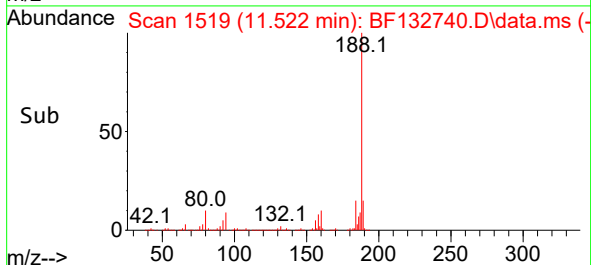
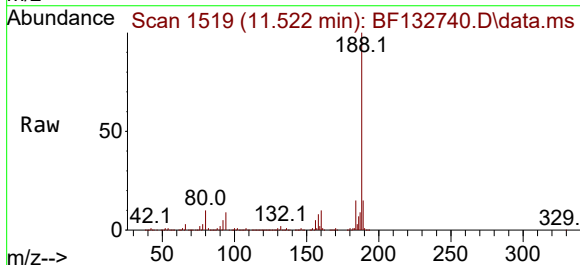
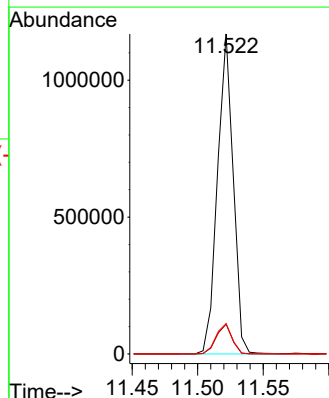
Tgt Ion:188 Resp: 972933

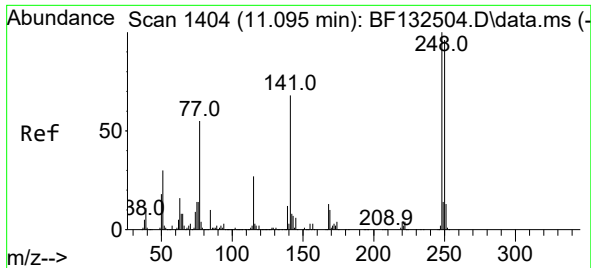
Ion Ratio Lower Upper

188 100

94 9.3 8.3 12.5

80 9.5 8.7 13.1

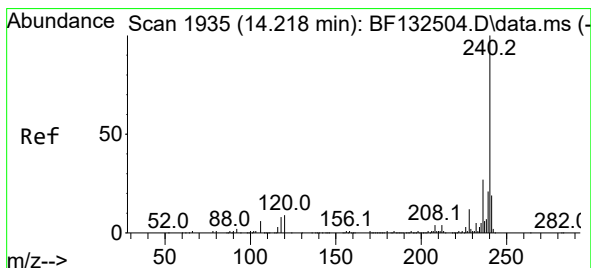
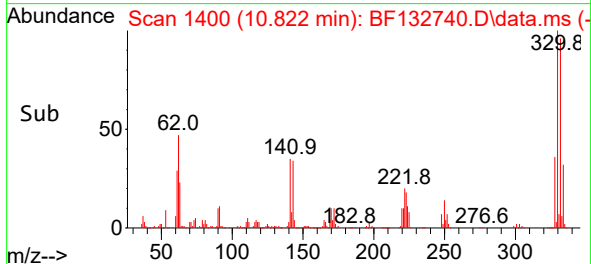
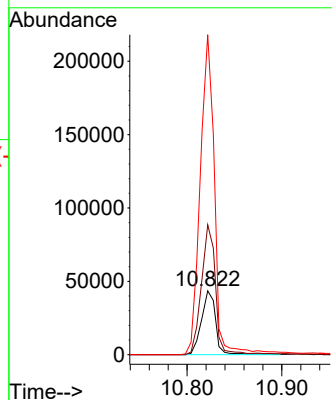
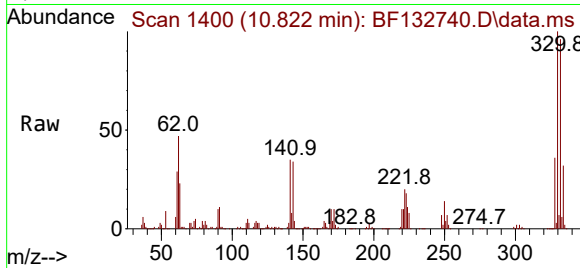




#67
4-Bromophenyl-phenylether
Concen: 4.134 ng
RT: 10.822 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

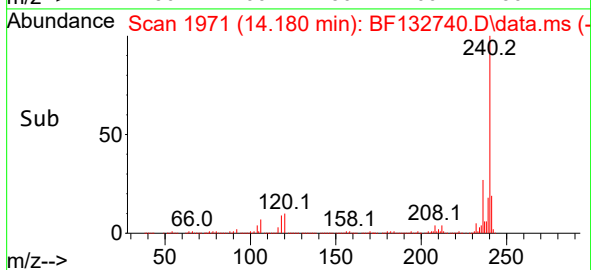
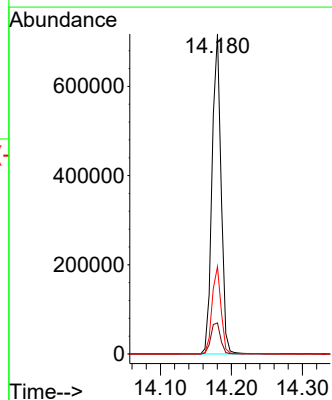
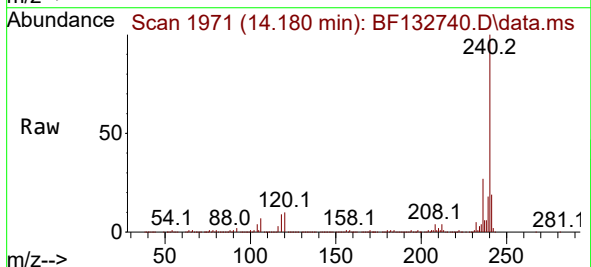
Instrument :
BNA_F
ClientSampleId :
PB151252TB

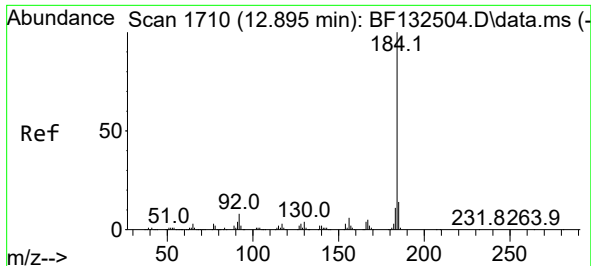
Tgt Ion:248 Resp: 45491
Ion Ratio Lower Upper
248 100
250 203.5 77.0 115.4#
141 501.4 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

Tgt Ion:240 Resp: 635059
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 27.3 21.8 32.6

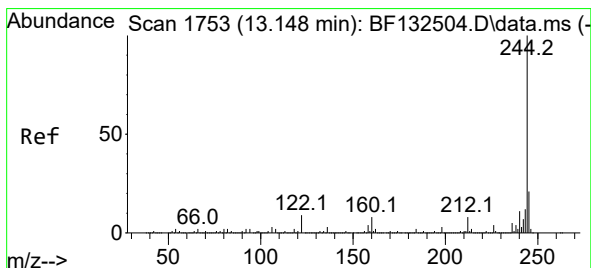
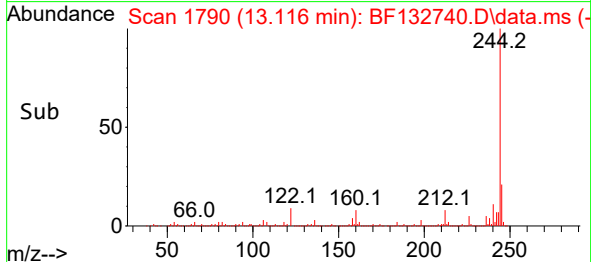
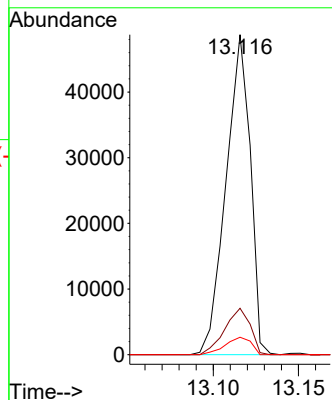
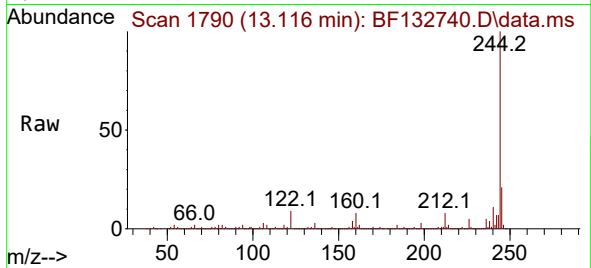




#77
Benzidine
Concen: 3.118 ng
RT: 13.116 min Scan# 1790
Delta R.T. 0.247 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

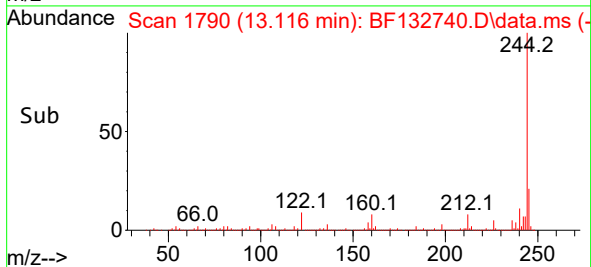
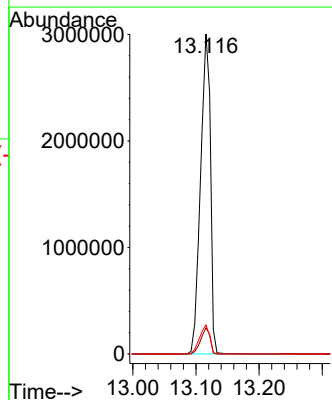
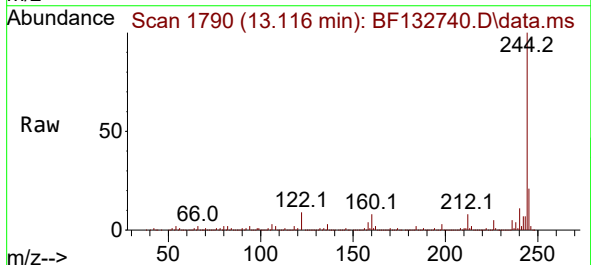
Instrument :
BNA_F
ClientSampleId :
PB151252TB

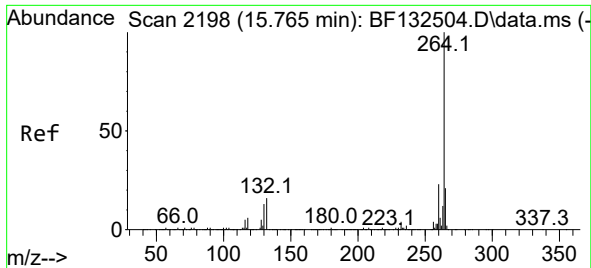
Tgt Ion:184 Resp: 48202
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 5.5 8.7 13.1#



#79
Terphenyl-d14
Concen: 86.737 ng
RT: 13.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF132740.D
Acq: 10 Mar 2023 14:23

Tgt Ion:244 Resp: 3257912
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 9.1 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.721 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132740.D
 Acq: 10 Mar 2023 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB151252TB

Tgt Ion:264 Resp: 484957
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.4 17.1 25.7

