

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132724.D
 Acq On : 09 Mar 2023 18:29
 Operator : CG\JU
 Sample : 01833-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 03:38:36 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)

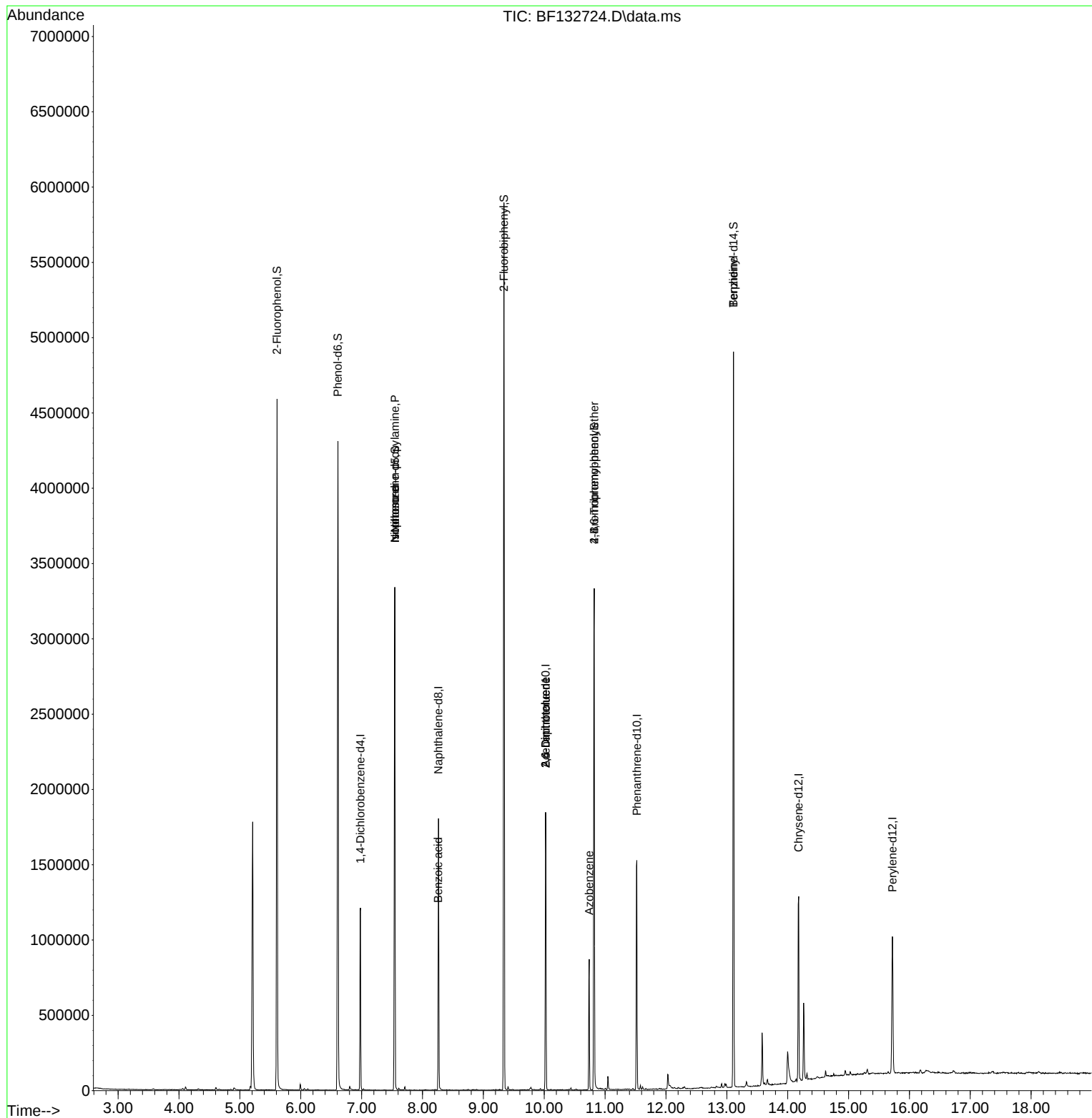
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	190274	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	693501	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	367998	20.000	ng	-0.01
64) Phenanthrene-d10	11.521	188	598606	20.000	ng	0.00
76) Chrysene-d12	14.180	240	418388	20.000	ng	0.00
86) Perylene-d12	15.721	264	424550	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1284814	109.590	ng	0.00
7) Phenol-d6	6.610	99	1653268	108.052	ng	-0.01
23) Nitrobenzene-d5	7.545	82	1051352	71.926	ng	-0.01
42) 2,4,6-Tribromophenol	10.822	330	418812	105.382	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1684956	69.718	ng	0.00
79) Terphenyl-d14	13.110	244	1748002	70.638	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.545	70	138475	14.705	ng	# 75
25) Isophorone	7.545	82	1051337	37.515	ng	# 67
32) Benzoic acid	8.257	122	127	3.850	ng	# 1
51) 2,6-Dinitrotoluene	10.022	165	46763	7.663	ng	# 22
57) 2,4-Dinitrotoluene	10.022	165	46763	5.760	ng	# 21
63) Azobenzene	10.739	77	149559	5.396	ng	# 1
67) 4-Bromophenyl-phenylether	10.822	248	27370	4.042	ng	# 1
77) Benzidine	13.110	184	23530	2.310	ng	# 94

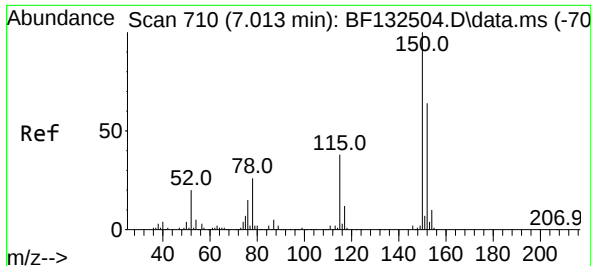
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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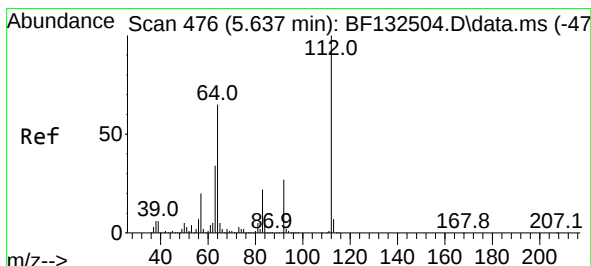
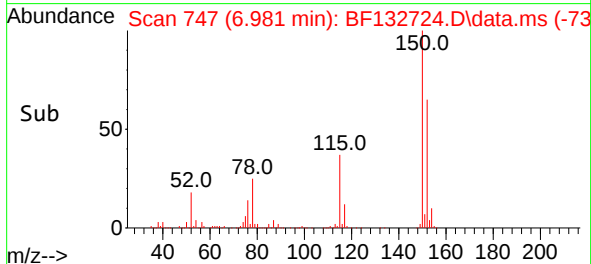
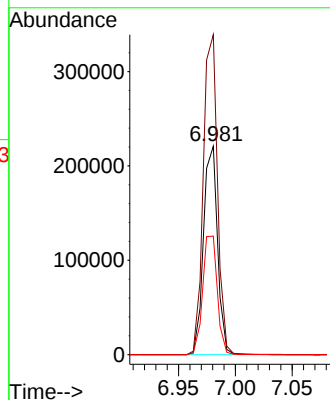
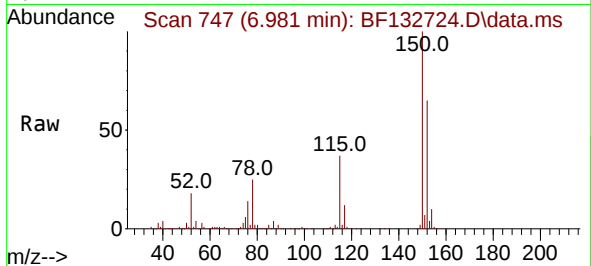




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132724.D
Acq: 09 Mar 2023 18:29

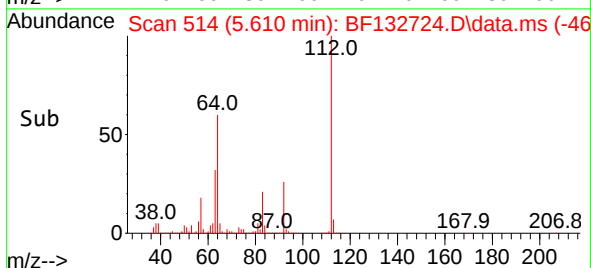
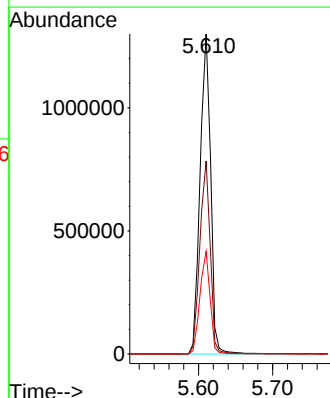
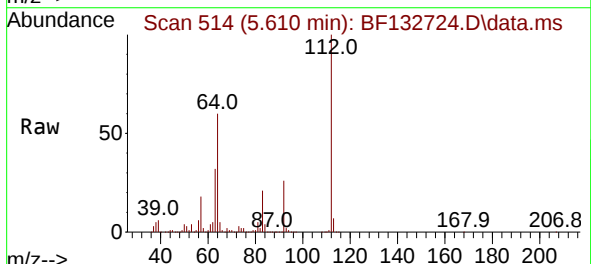
Instrument :
BNA_F
ClientSampleId :

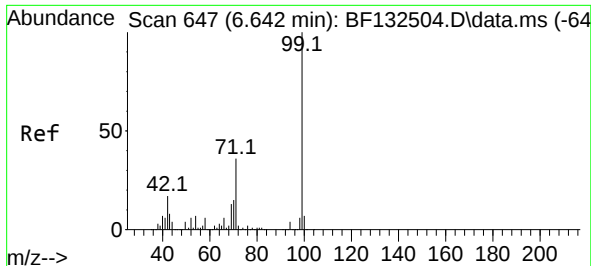
Tgt Ion:152 Resp: 190274
Ion Ratio Lower Upper
152 100
150 153.5 125.4 188.2
115 56.9 47.8 71.6



#5
2-Fluorophenol
Concen: 109.590 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.000 min
Lab File: BF132724.D
Acq: 09 Mar 2023 18:29

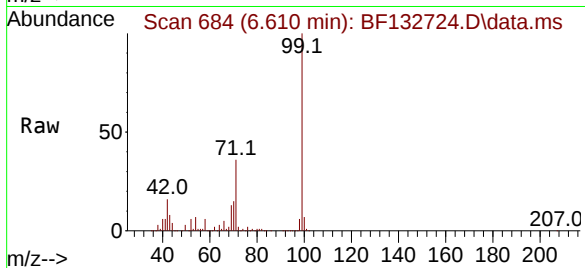
Tgt Ion:112 Resp: 1284814
Ion Ratio Lower Upper
112 100
64 60.3 51.6 77.4
63 32.0 27.4 41.2





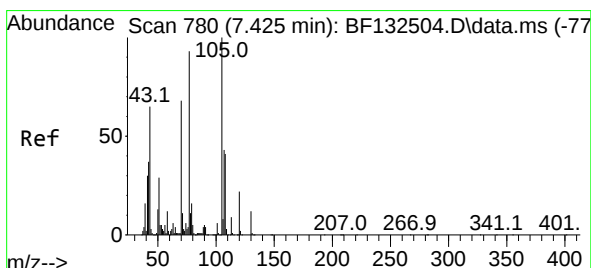
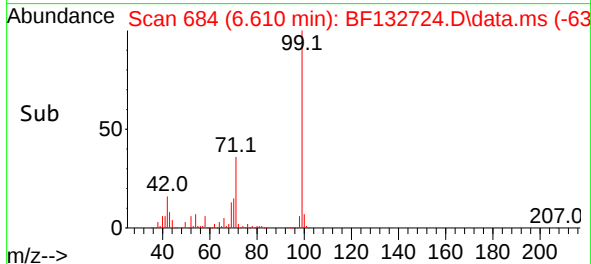
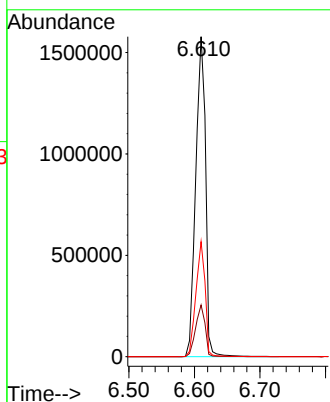
#7
Phenol-d6
Concen: 108.052 ng
RT: 6.610 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132724.D
Acq: 09 Mar 2023 18:29

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1653268

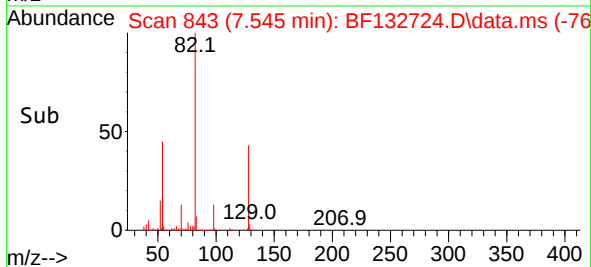
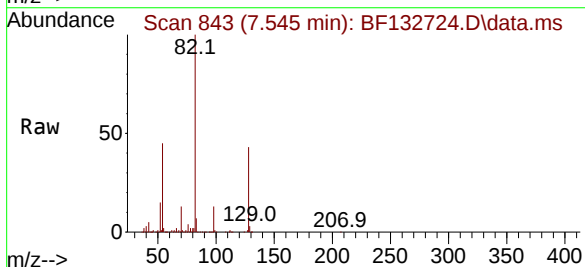
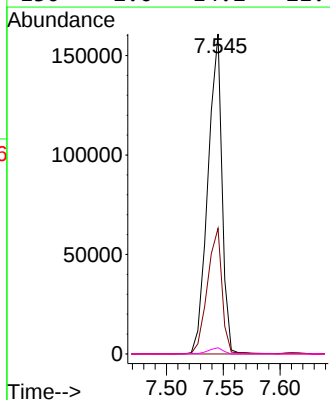
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.9	20.9
71	36.0	28.5	42.7

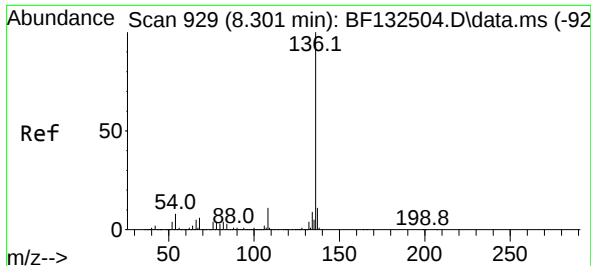


#19
n-Nitroso-di-n-propylamine
Concen: 14.705 ng
RT: 7.545 min Scan# 843
Delta R.T. 0.147 min
Lab File: BF132724.D
Acq: 09 Mar 2023 18:29

Tgt Ion: 70 Resp: 138475

Ion	Ratio	Lower	Upper
70	100		
42	39.3	44.1	66.1#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



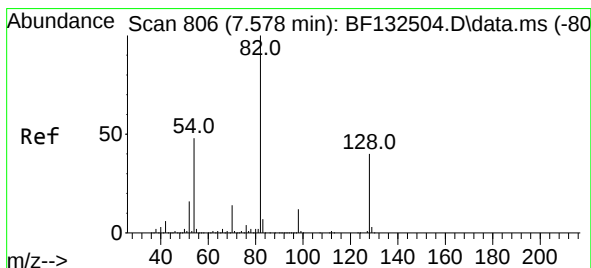
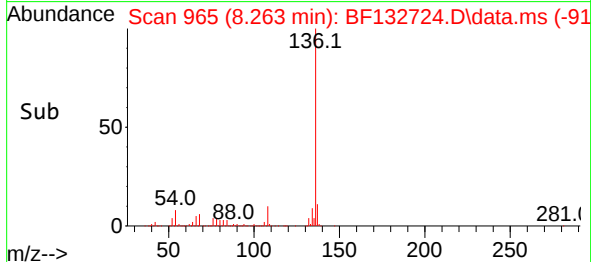
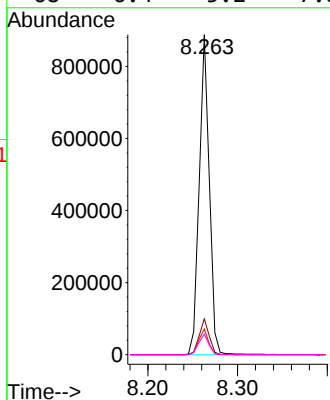
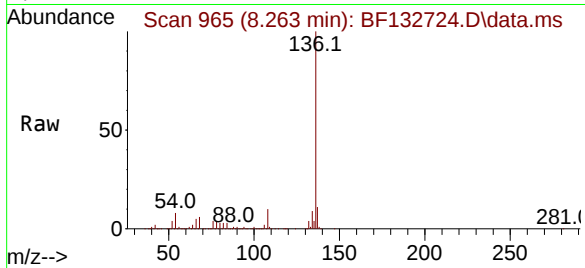


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132724.D
Acq: 09 Mar 2023 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 693501

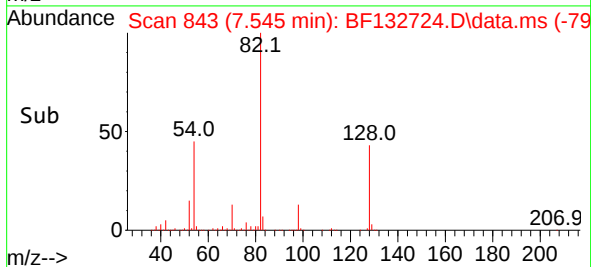
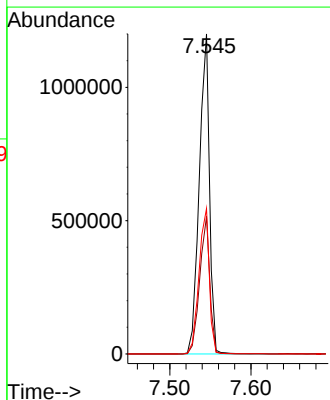
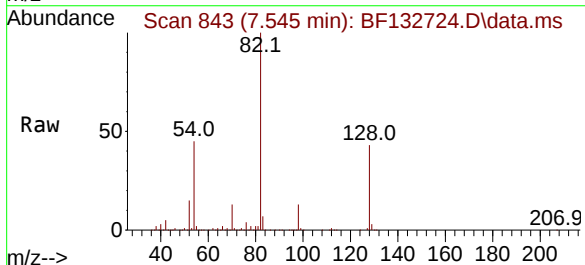
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.0	6.2	9.4
68	6.4	5.2	7.8

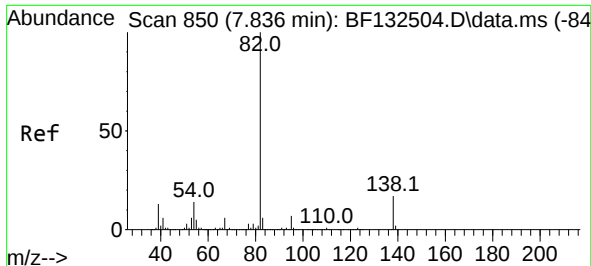


#23
Nitrobenzene-d5
Concen: 71.926 ng
RT: 7.545 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF132724.D
Acq: 09 Mar 2023 18:29

Tgt Ion: 82 Resp: 1051352

Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.2	48.2
54	45.5	38.4	57.6

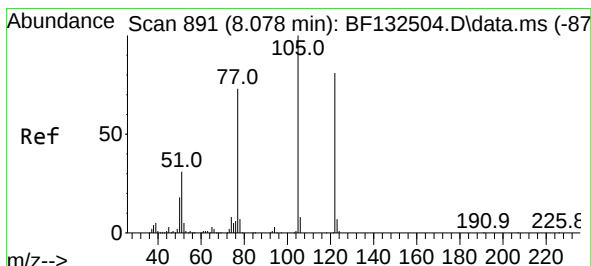
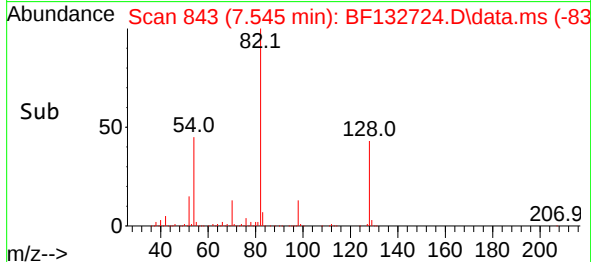
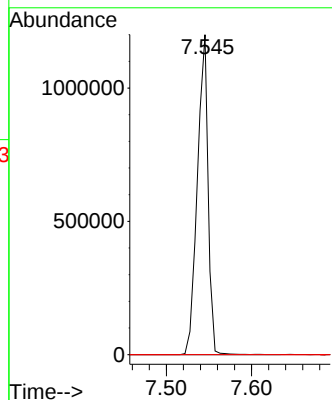
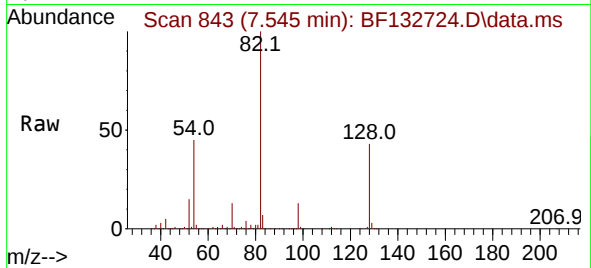




#25
Isophorone
Concen: 37.515 ng
RT: 7.545 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132724.D
Acq: 09 Mar 2023 18:29

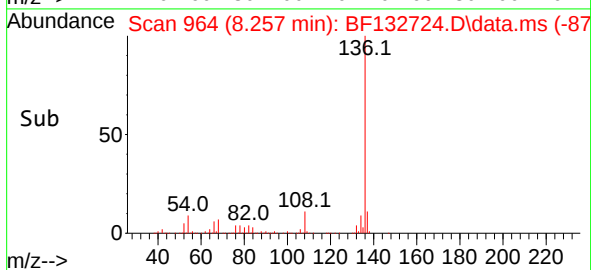
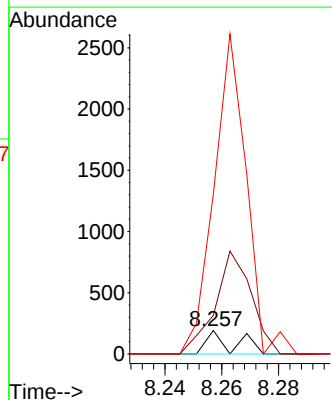
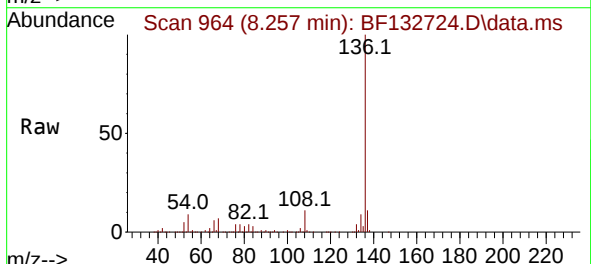
Instrument :
BNA_F
ClientSampleId :

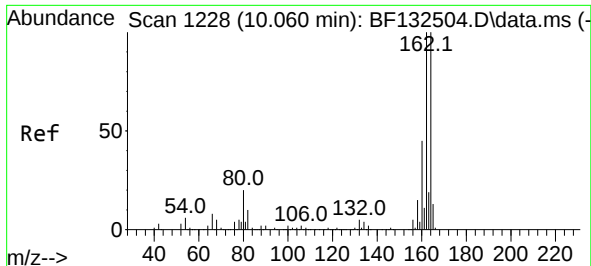
Tgt Ion: 82 Resp: 1051337
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.850 ng
RT: 8.257 min Scan# 964
Delta R.T. 0.206 min
Lab File: BF132724.D
Acq: 09 Mar 2023 18:29

Tgt Ion:122 Resp: 127
Ion Ratio Lower Upper
122 100
105 164.1 102.6 142.6#
77 678.6 70.2 110.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.022 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF132724.D

Acq: 09 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

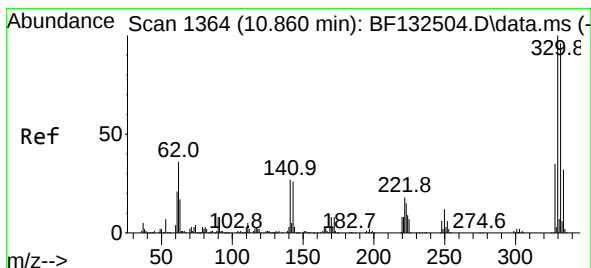
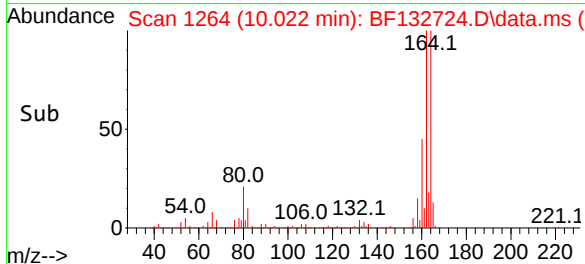
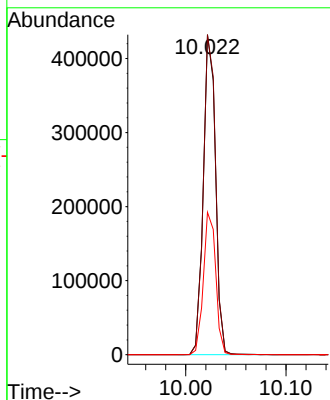
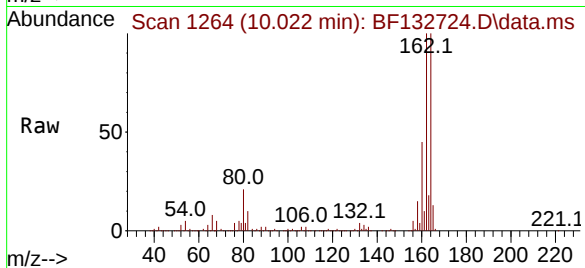
Tgt Ion:164 Resp: 367998

Ion Ratio Lower Upper

164 100

162 100.0 79.8 119.8

160 44.5 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 105.382 ng

RT: 10.822 min Scan# 1400

Delta R.T. -0.006 min

Lab File: BF132724.D

Acq: 09 Mar 2023 18:29

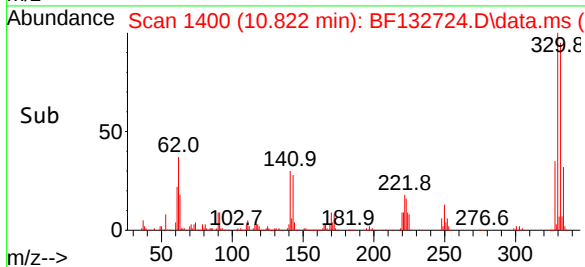
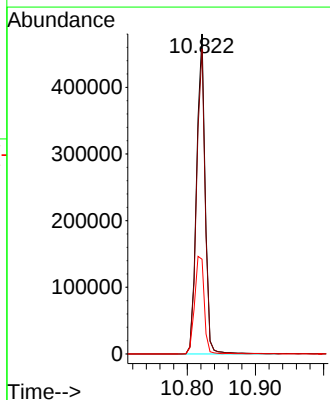
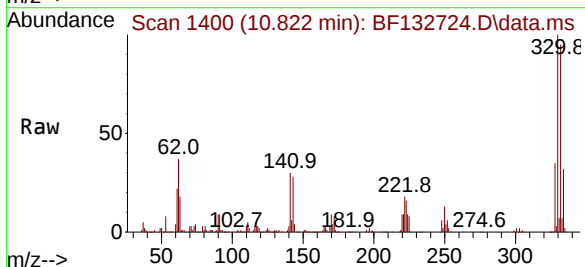
Tgt Ion:330 Resp: 418812

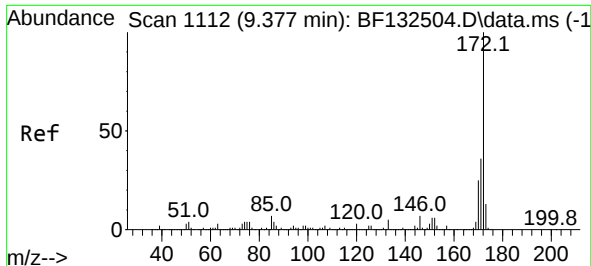
Ion Ratio Lower Upper

330 100

332 95.4 76.2 114.4

141 34.3 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 69.718 ng

RT: 9.339 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF132724.D

Acq: 09 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

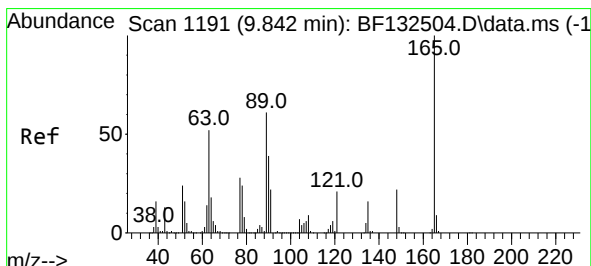
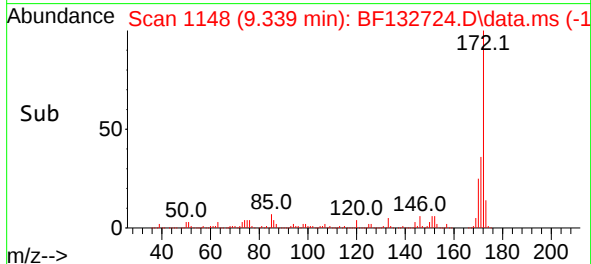
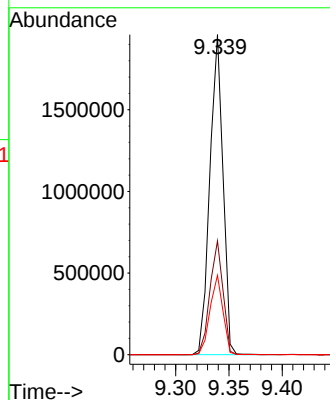
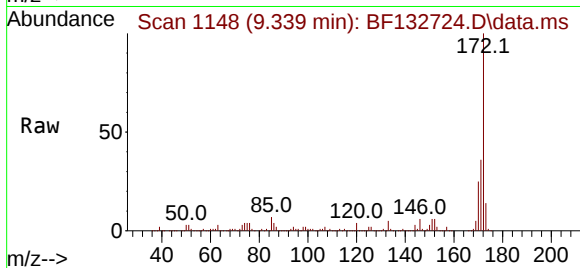
Tgt Ion:172 Resp: 1684956

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.8 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.663 ng

RT: 10.022 min Scan# 1264

Delta R.T. 0.206 min

Lab File: BF132724.D

Acq: 09 Mar 2023 18:29

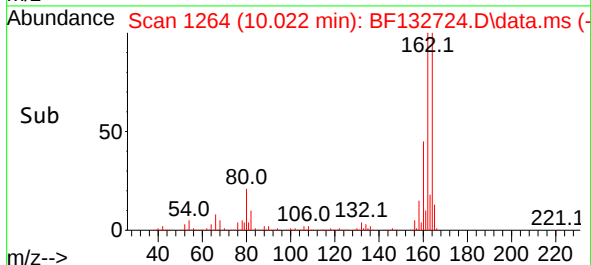
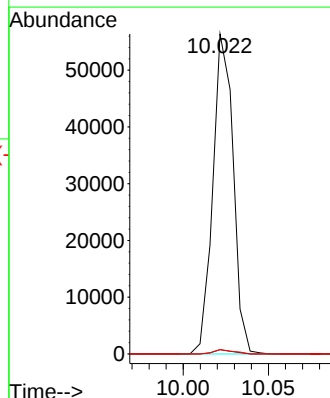
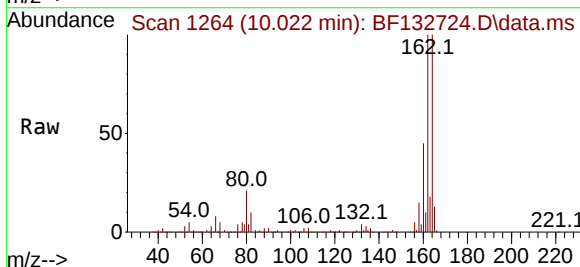
Tgt Ion:165 Resp: 46763

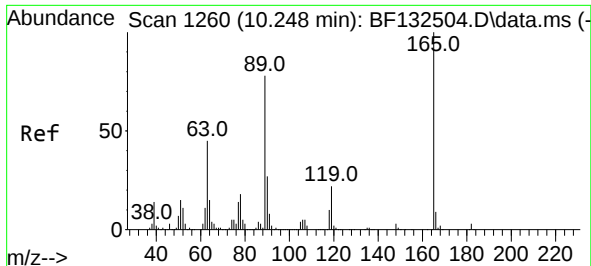
Ion Ratio Lower Upper

165 100

63 1.3 47.3 70.9#

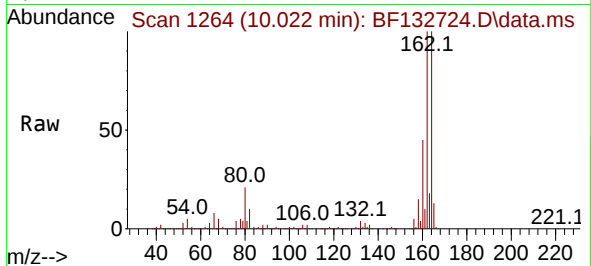
89 1.3 48.9 73.3#



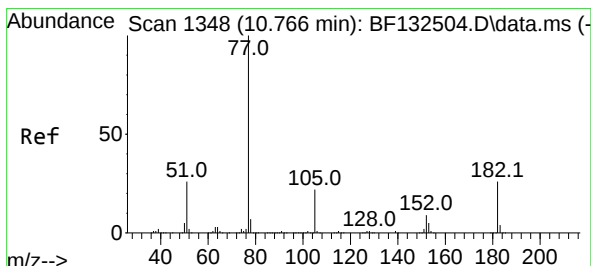
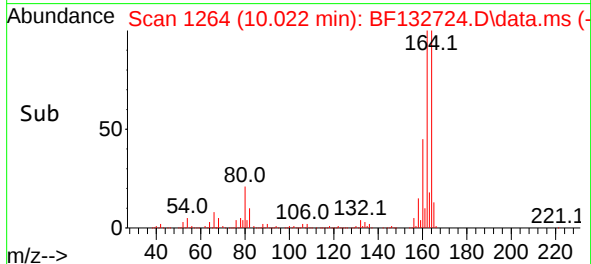
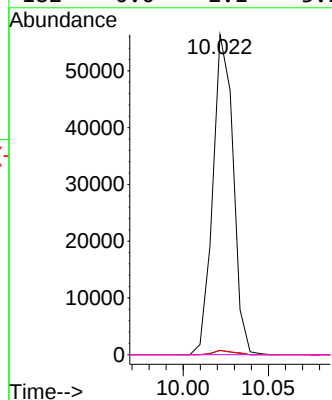


#57
2,4-Dinitrotoluene
Concen: 5.760 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132724.D
Acq: 09 Mar 2023 18:29

Instrument :
BNA_F
ClientSampleId :

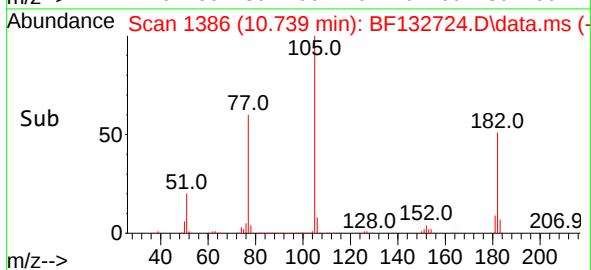
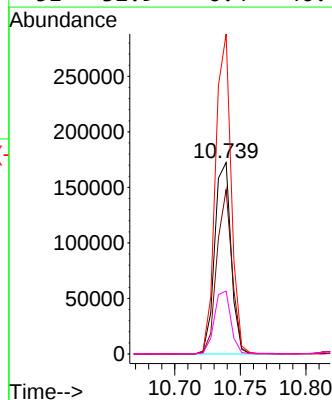
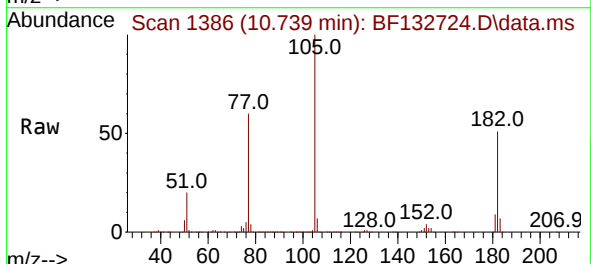


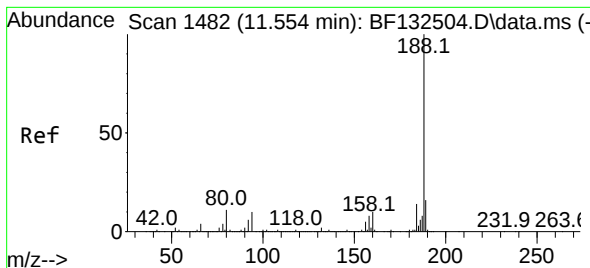
Tgt Ion:165 Resp: 46763
Ion Ratio Lower Upper
165 100
63 1.3 36.5 54.7#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 5.396 ng
RT: 10.739 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF132724.D
Acq: 09 Mar 2023 18:29

Tgt Ion: 77 Resp: 149559
Ion Ratio Lower Upper
77 100
182 85.9 5.5 45.5#
105 167.3 1.8 41.8#
51 32.9 6.4 46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.521 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132724.D

Acq: 09 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

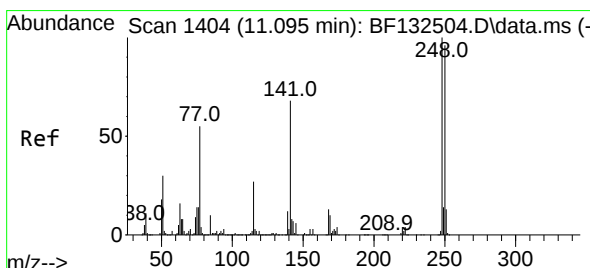
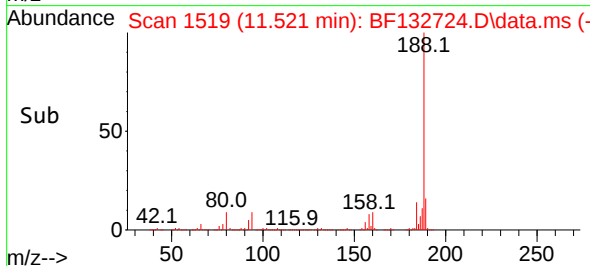
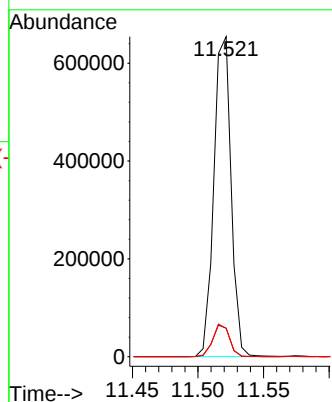
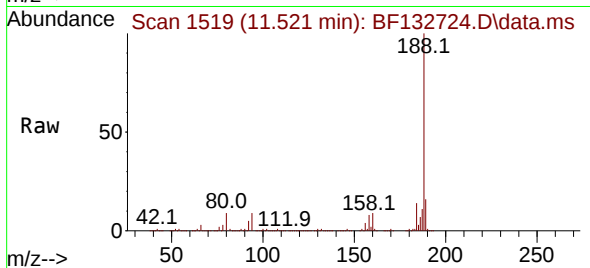
Tgt Ion:188 Resp: 598606

Ion Ratio Lower Upper

188 100

94 8.9 8.3 12.5

80 8.9 8.7 13.1



#67

4-Bromophenyl-phenylether

Concen: 4.042 ng

RT: 10.822 min Scan# 1400

Delta R.T. -0.241 min

Lab File: BF132724.D

Acq: 09 Mar 2023 18:29

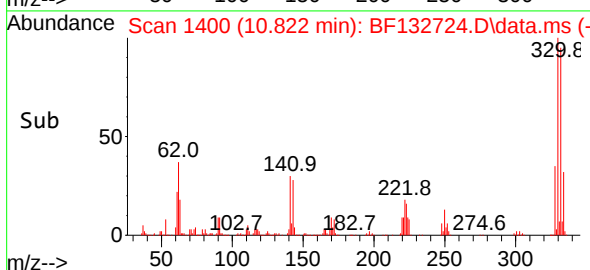
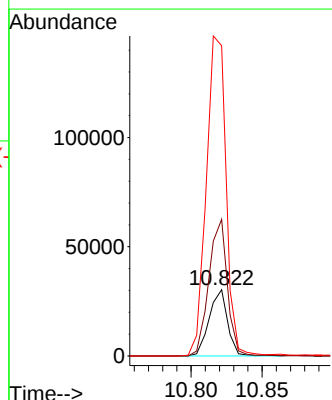
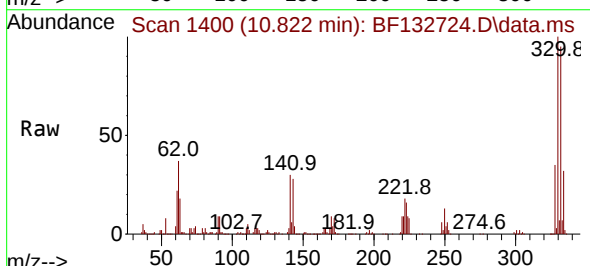
Tgt Ion:248 Resp: 27370

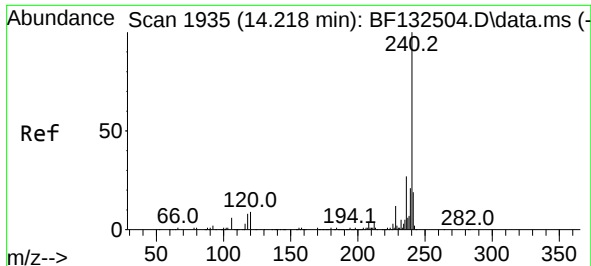
Ion Ratio Lower Upper

248 100

250 206.0 77.0 115.4#

141 467.8 54.2 81.2#

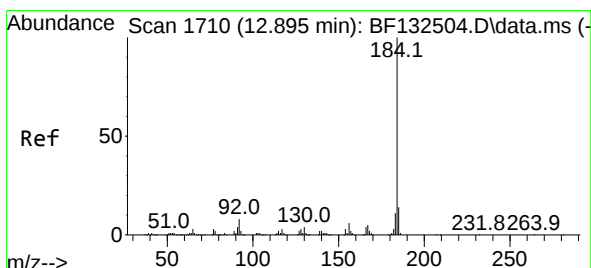
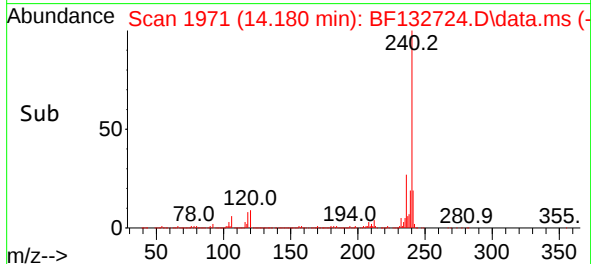
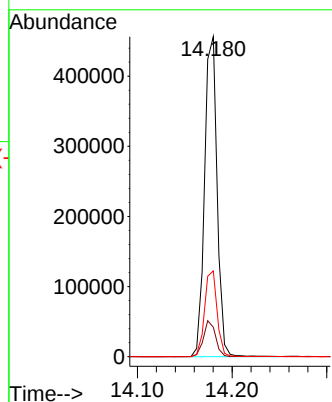
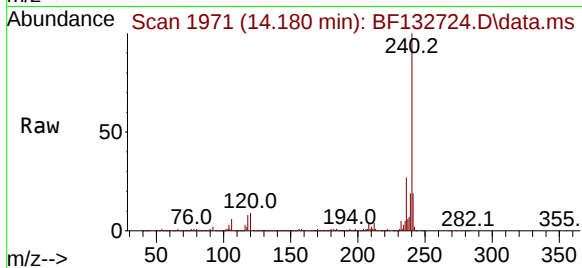




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BF132724.D
Acq: 09 Mar 2023 18:29

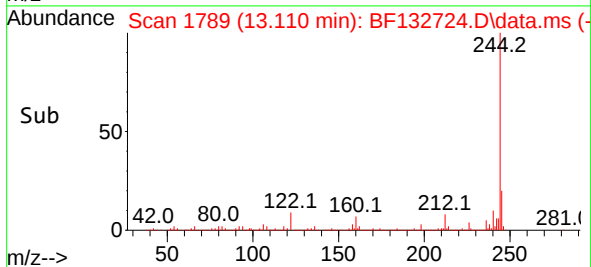
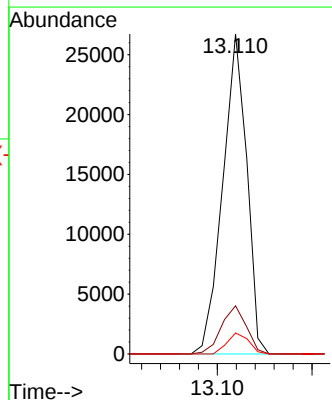
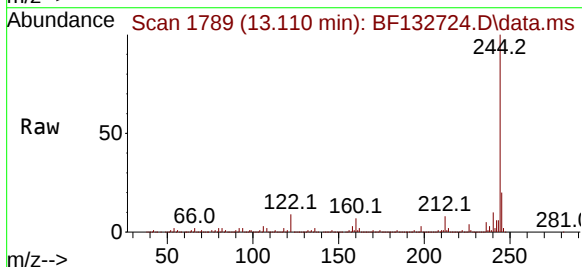
Instrument :
BNA_F
ClientSampleId :

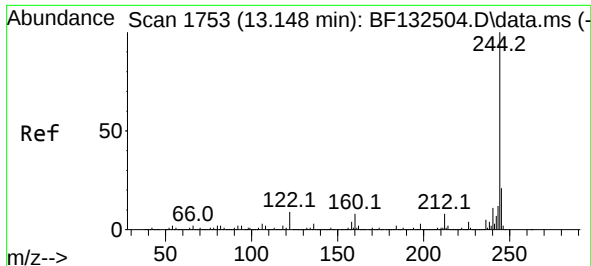
Tgt Ion:240 Resp: 418388
Ion Ratio Lower Upper
240 100
120 9.2 7.2 10.8
236 26.8 21.8 32.6



#77
Benzidine
Concen: 2.310 ng
RT: 13.110 min Scan# 1789
Delta R.T. 0.241 min
Lab File: BF132724.D
Acq: 09 Mar 2023 18:29

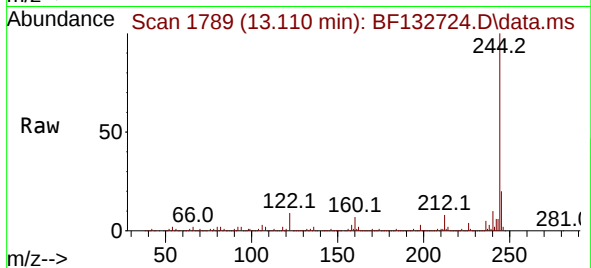
Tgt Ion:184 Resp: 23530
Ion Ratio Lower Upper
184 100
185 15.0 11.7 17.5
183 6.5 8.7 13.1#



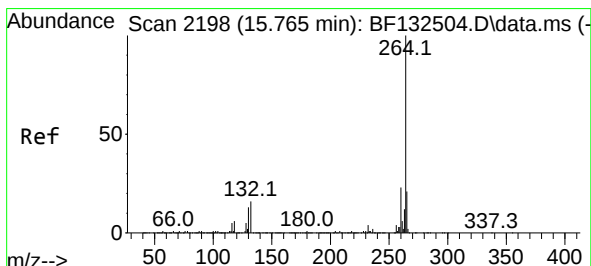
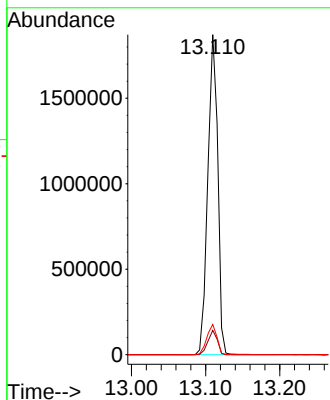
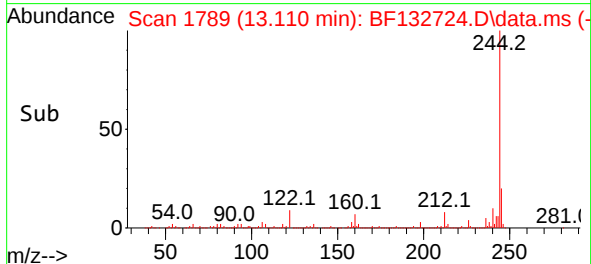


#79
 Terphenyl-d14
 Concen: 70.638 ng
 RT: 13.110 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132724.D
 Acq: 09 Mar 2023 18:29

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1748002
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 9.4 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.721 min Scan# 2233
 Delta R.T. -0.006 min
 Lab File: BF132724.D
 Acq: 09 Mar 2023 18:29

Tgt Ion:264 Resp: 424550
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.8 28.2
 265 22.1 17.1 25.7

