

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
 Data File : BF132785.D
 Acq On : 14 Mar 2023 18:53
 Operator : CG\JU
 Sample : 01894-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AA9

Quant Time: Mar 15 02:28:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

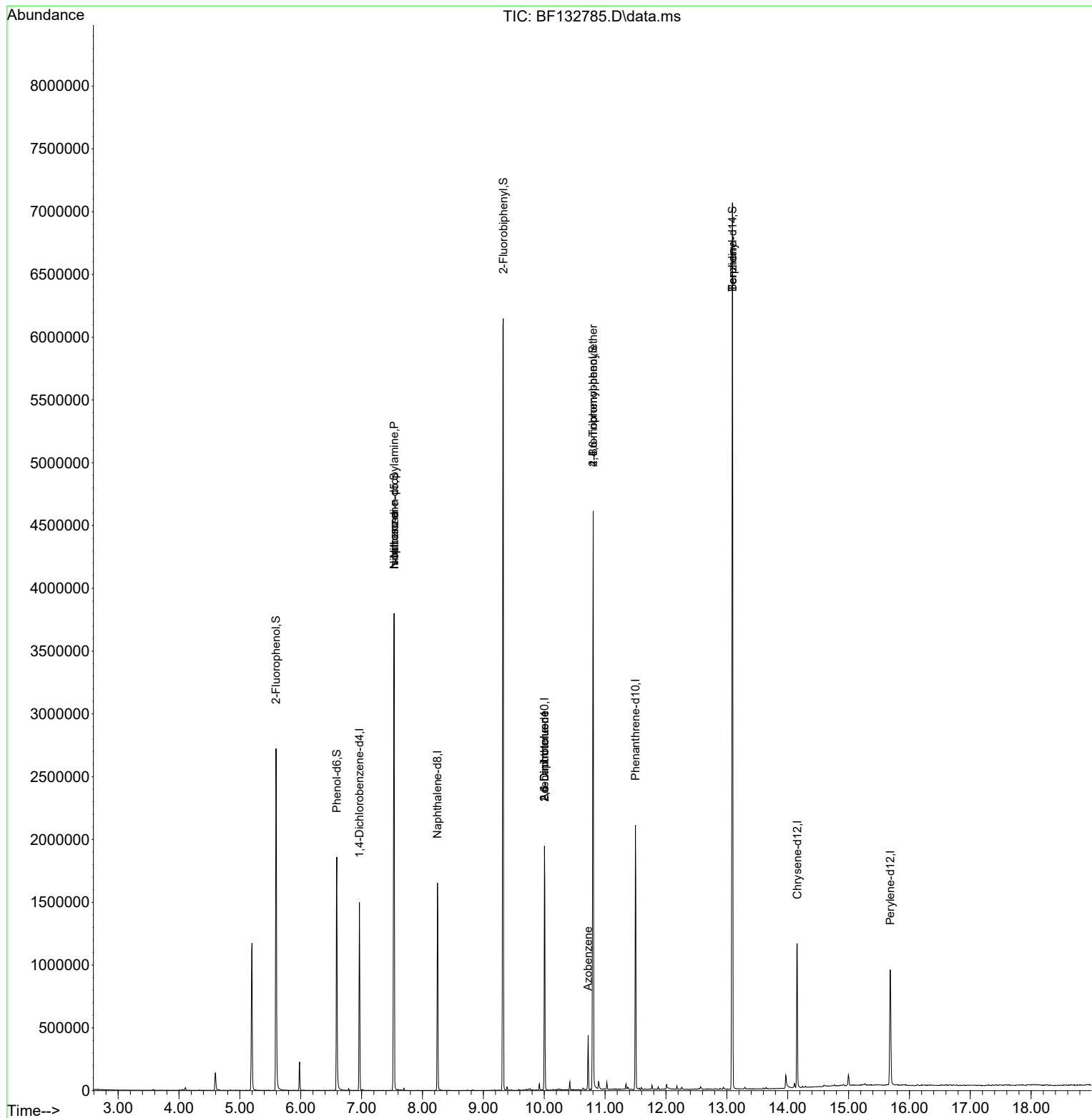
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	210678	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	703385	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	382686	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	771952	20.000	ng	0.00
76) Chrysene-d12	14.157	240	423353	20.000	ng	0.00
86) Perylene-d12	15.686	264	437803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	817439	62.972	ng	0.00
7) Phenol-d6	6.592	99	673028	39.727	ng	-0.01
23) Nitrobenzene-d5	7.534	82	1395382	94.121	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	584902	141.525	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2074976	82.561	ng	0.00
79) Terphenyl-d14	13.092	244	2657275	106.124	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.534	70	183250	17.576	ng	# 74
25) Isophorone	7.534	82	1395372	49.092	ng	# 67
51) 2,6-Dinitrotoluene	10.004	165	50880	8.018	ng	# 22
57) 2,4-Dinitrotoluene	10.004	165	50880	6.027	ng	# 21
63) Azobenzene	10.722	77	68385	2.373	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	38528	4.412	ng	# 1
77) Benzidine	13.092	184	38093	3.696	ng	# 94

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

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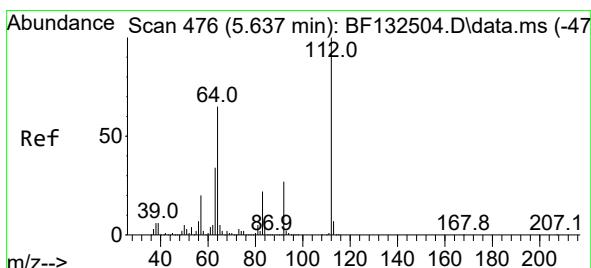
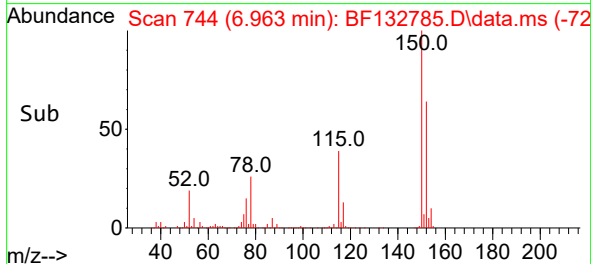
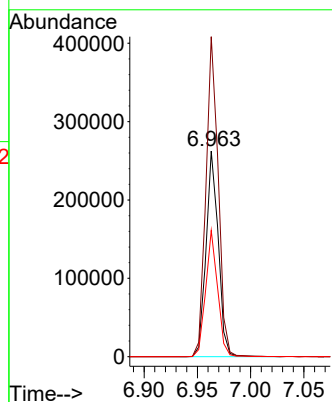
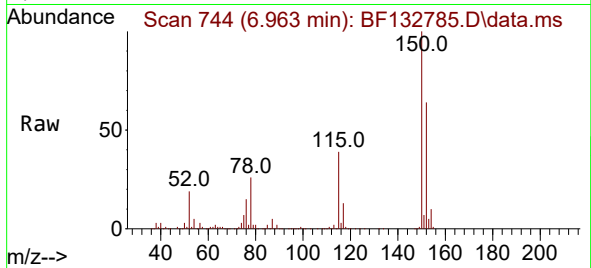




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132785.D
Acq: 14 Mar 2023 18:53

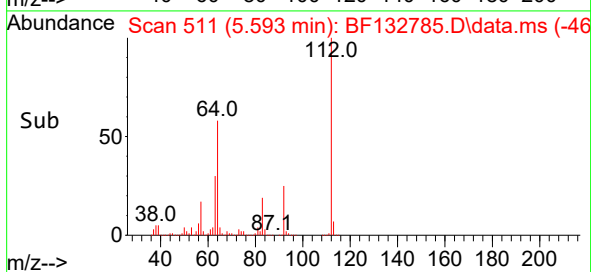
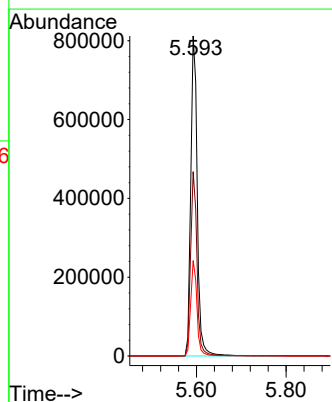
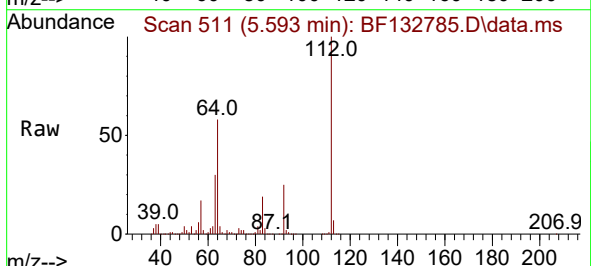
Instrument :
BNA_F
ClientSampleId :
C0AA9

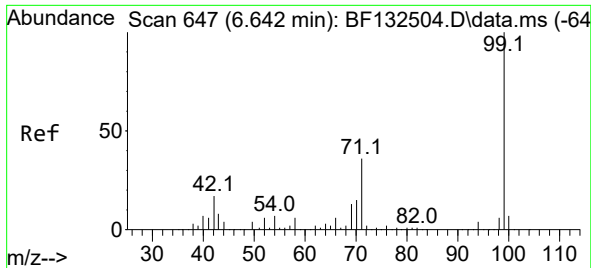
Tgt Ion:152 Resp: 210678
Ion Ratio Lower Upper
152 100
150 155.7 125.4 188.2
115 61.4 47.8 71.6



#5
2-Fluorophenol
Concen: 62.972 ng
RT: 5.593 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF132785.D
Acq: 14 Mar 2023 18:53

Tgt Ion:112 Resp: 817439
Ion Ratio Lower Upper
112 100
64 57.6 51.6 77.4
63 29.8 27.4 41.2

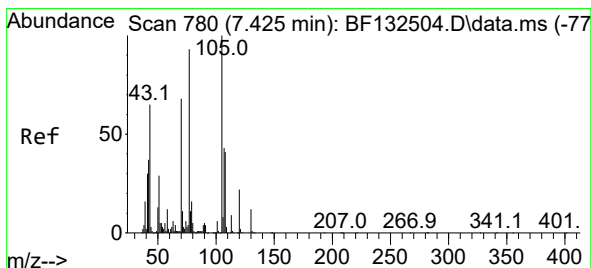
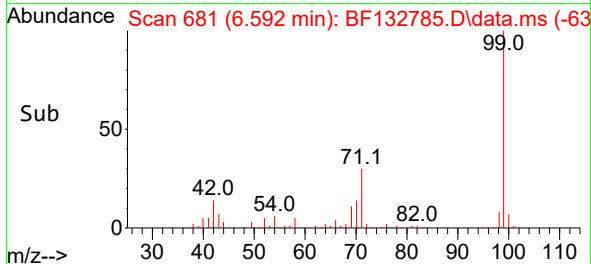
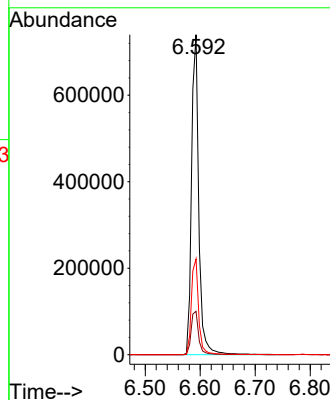
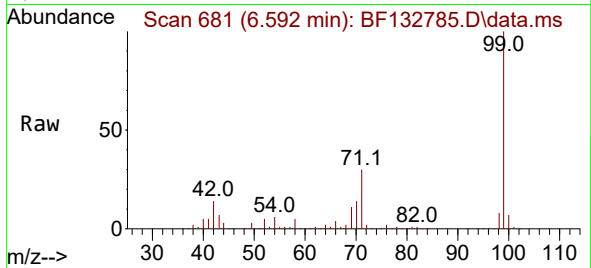




#7
Phenol-d6
Concen: 39.727 ng
RT: 6.592 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132785.D
Acq: 14 Mar 2023 18:53

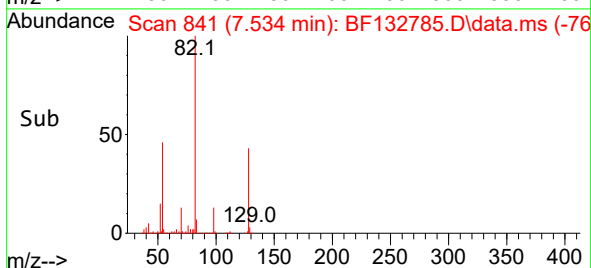
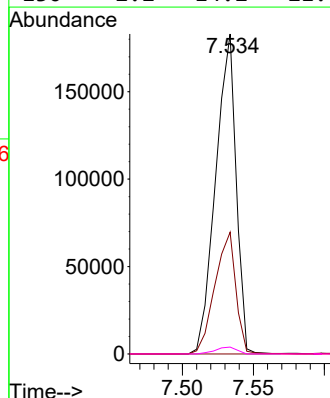
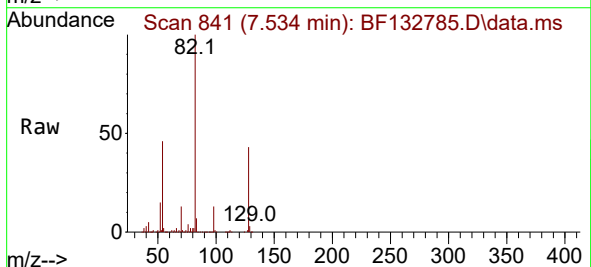
Instrument :
BNA_F
ClientSampleId :
C0AA9

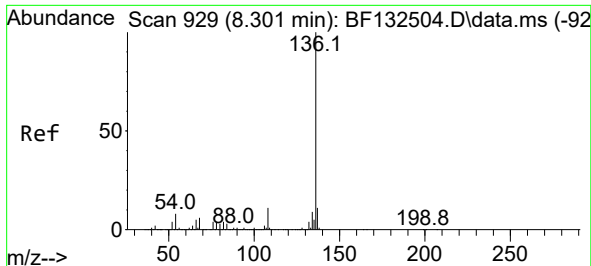
Tgt Ion: 99 Resp: 673028
Ion Ratio Lower Upper
99 100
42 13.6 13.9 20.9#
71 29.9 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.576 ng
RT: 7.534 min Scan# 841
Delta R.T. 0.153 min
Lab File: BF132785.D
Acq: 14 Mar 2023 18:53

Tgt Ion: 70 Resp: 183250
Ion Ratio Lower Upper
70 100
42 38.0 44.1 66.1#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#

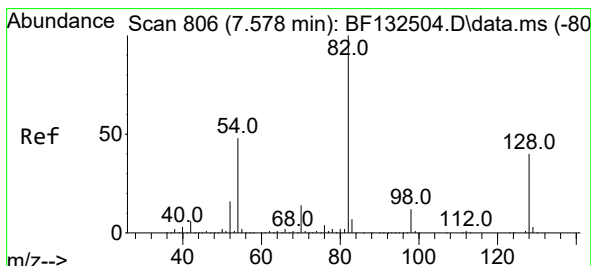
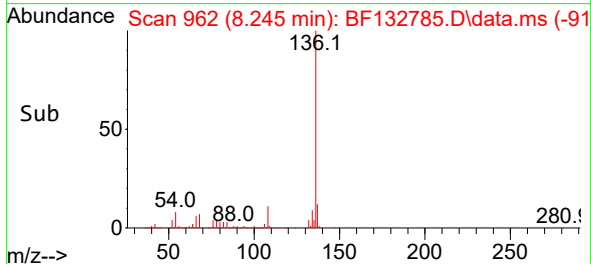
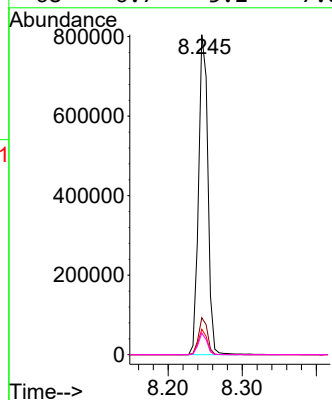
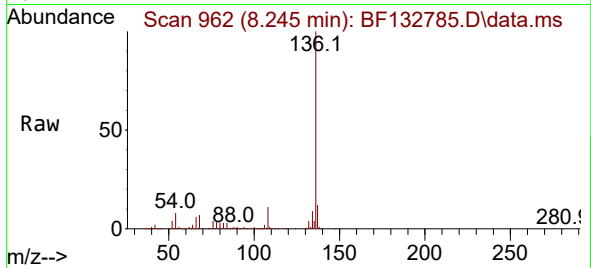




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF132785.D
Acq: 14 Mar 2023 18:53

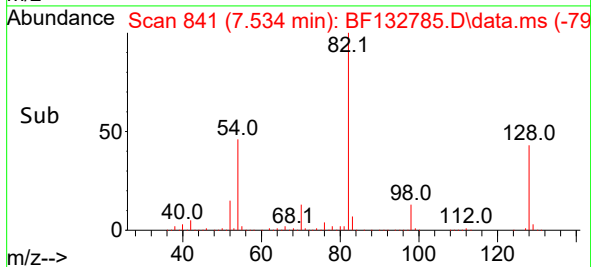
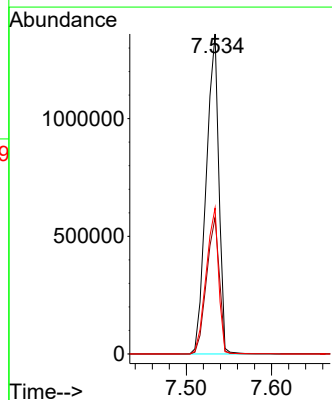
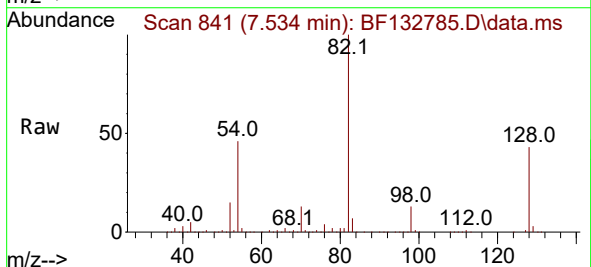
Instrument :
BNA_F
ClientSampleId :
C0AA9

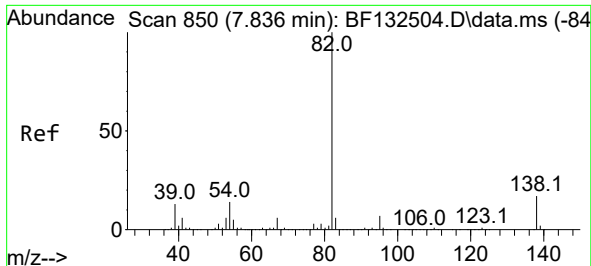
Tgt Ion:136 Resp: 703385
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.0 6.2 9.4
68 6.7 5.2 7.8



#23
Nitrobenzene-d5
Concen: 94.121 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF132785.D
Acq: 14 Mar 2023 18:53

Tgt Ion: 82 Resp: 1395382
Ion Ratio Lower Upper
82 100
128 42.6 32.2 48.2
54 45.6 38.4 57.6

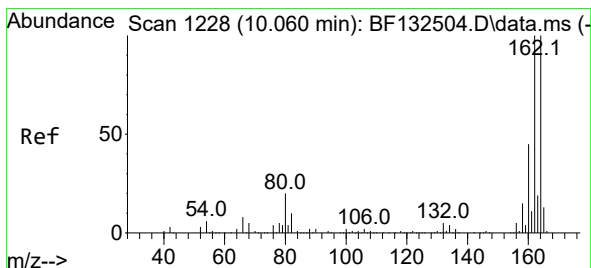
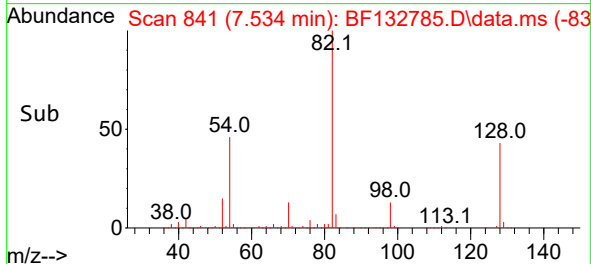
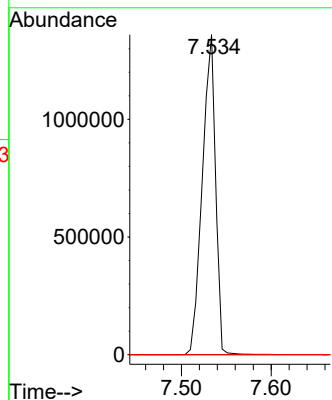
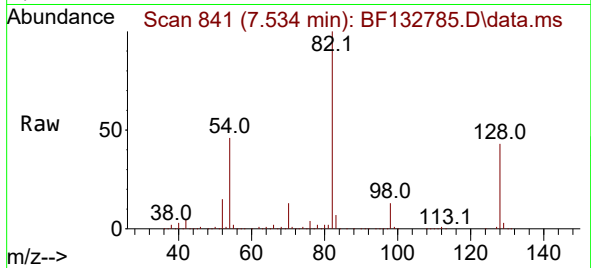




#25
Isophorone
Concen: 49.092 ng
RT: 7.534 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132785.D
Acq: 14 Mar 2023 18:53

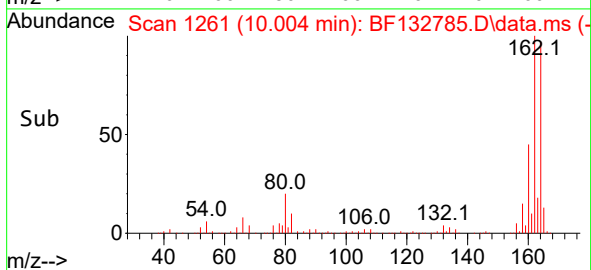
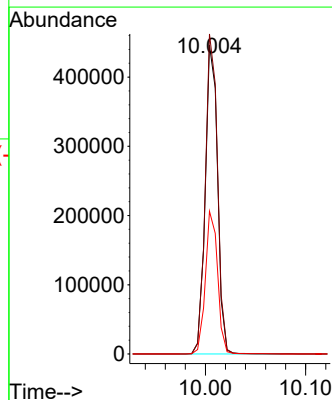
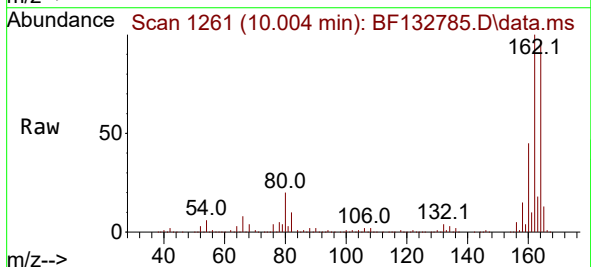
Instrument :
BNA_F
ClientSampleId :
C0AA9

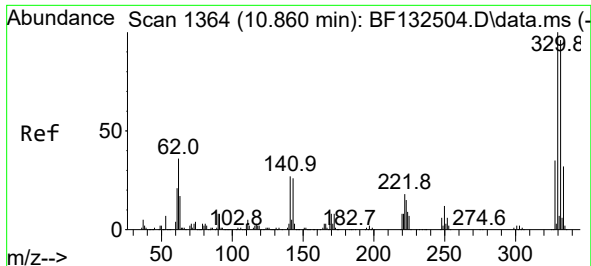
Tgt Ion: 82 Resp: 1395372
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF132785.D
Acq: 14 Mar 2023 18:53

Tgt Ion:164 Resp: 382686
Ion Ratio Lower Upper
164 100
162 103.6 79.8 119.8
160 46.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 141.525 ng

RT: 10.804 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132785.D

Acq: 14 Mar 2023 18:53

Instrument :

BNA_F

ClientSampleId :

C0AA9

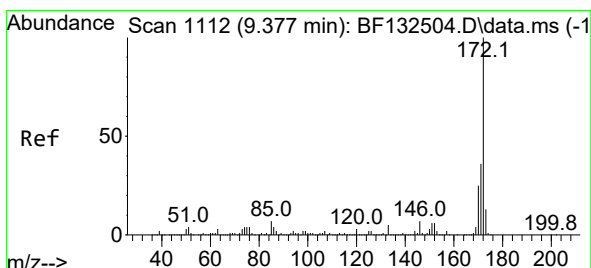
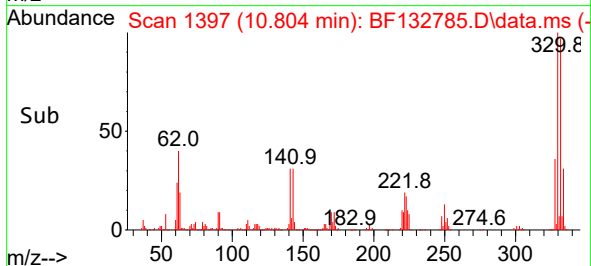
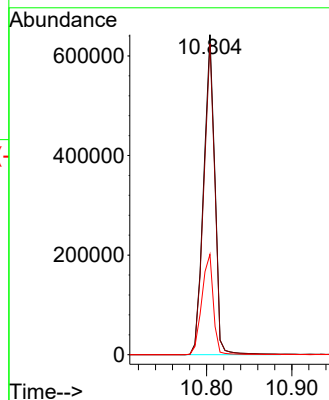
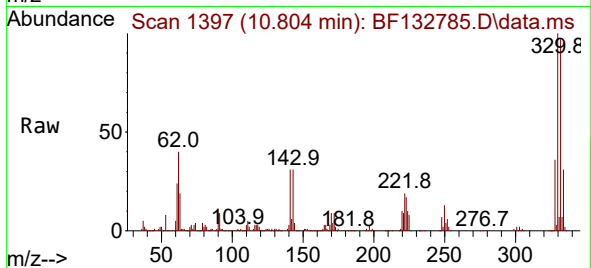
Tgt Ion:330 Resp: 584902

Ion Ratio Lower Upper

330 100

332 96.6 76.2 114.4

141 32.5 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 82.561 ng

RT: 9.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF132785.D

Acq: 14 Mar 2023 18:53

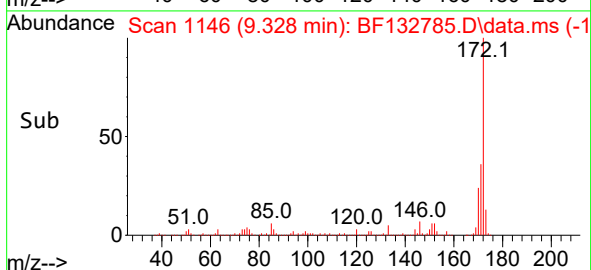
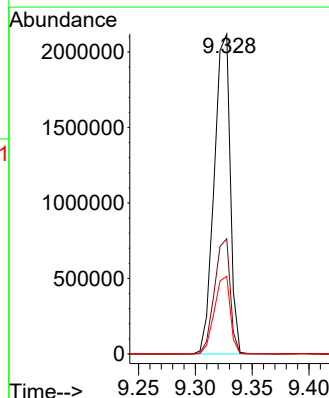
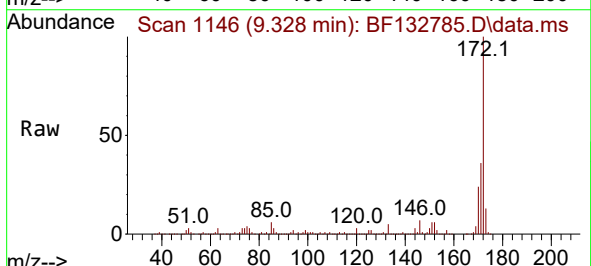
Tgt Ion:172 Resp: 2074976

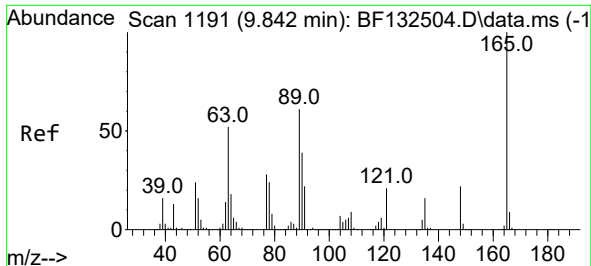
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.3 19.7 29.5

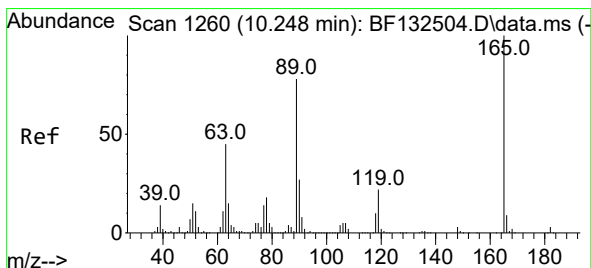
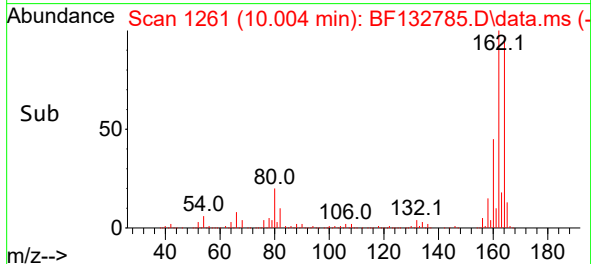
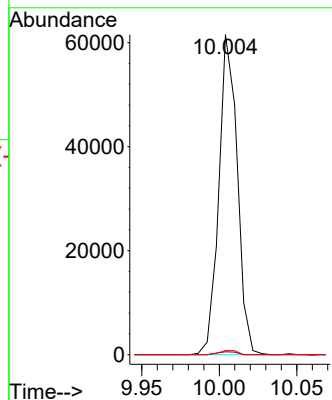
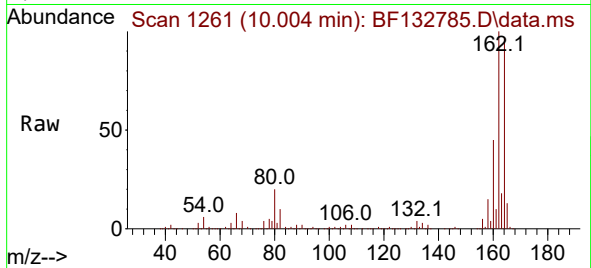




#51
2,6-Dinitrotoluene
Concen: 8.018 ng
RT: 10.004 min Scan# 1191
Delta R.T. 0.206 min
Lab File: BF132785.D
Acq: 14 Mar 2023 18:53

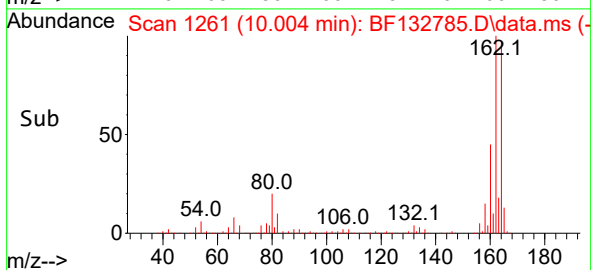
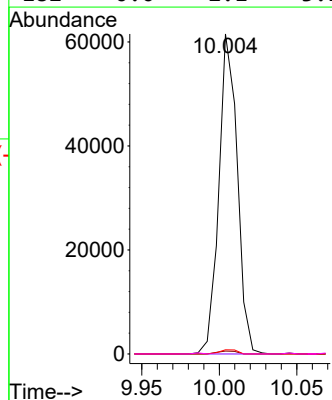
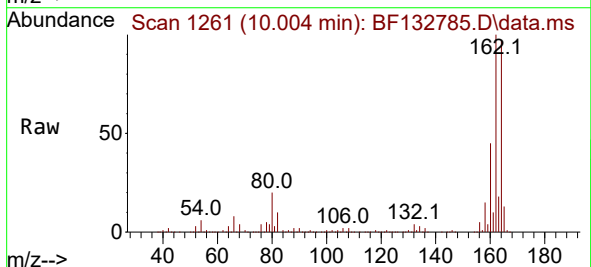
Instrument :
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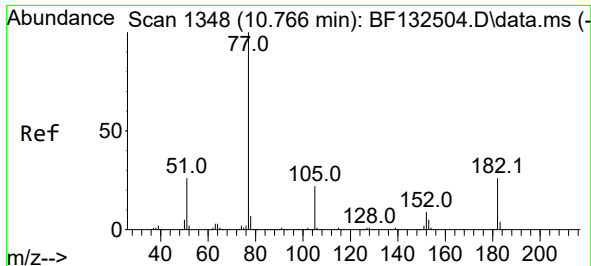
Tgt Ion:165 Resp: 50880
Ion Ratio Lower Upper
165 100
63 0.9 47.3 70.9#
89 1.3 48.9 73.3#



#57
2,4-Dinitrotoluene
Concen: 6.027 ng
RT: 10.004 min Scan# 1261
Delta R.T. -0.200 min
Lab File: BF132785.D
Acq: 14 Mar 2023 18:53

Tgt Ion:165 Resp: 50880
Ion Ratio Lower Upper
165 100
63 0.9 36.5 54.7#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#

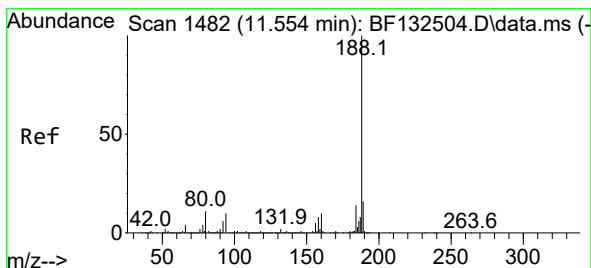
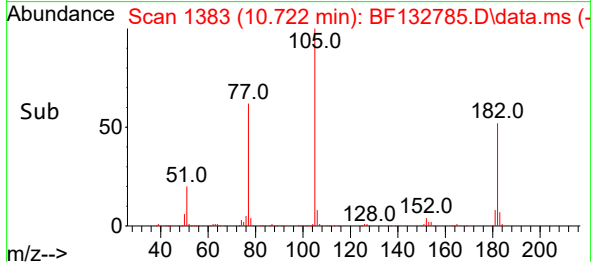
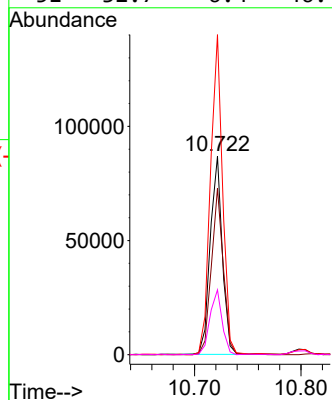
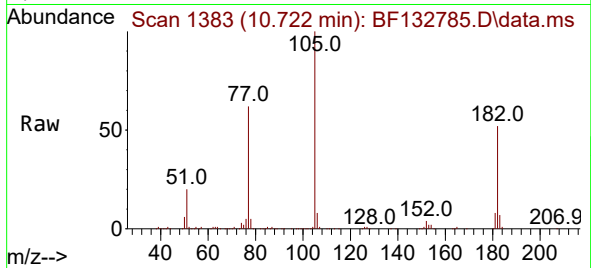




#63
Azobenzene
Concen: 2.373 ng
RT: 10.722 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF132785.D
Acq: 14 Mar 2023 18:53

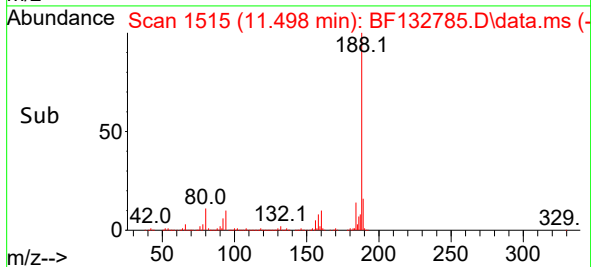
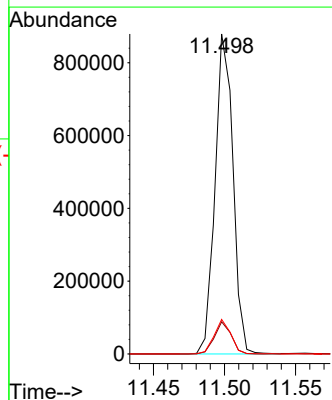
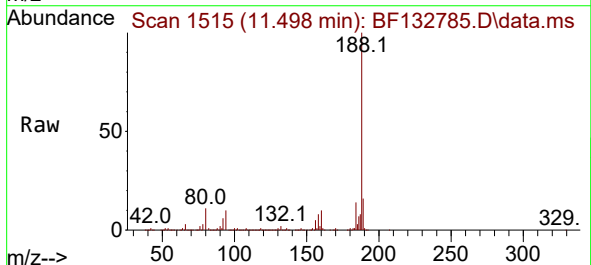
Instrument :
BNA_F
ClientSampleId :
C0AA9

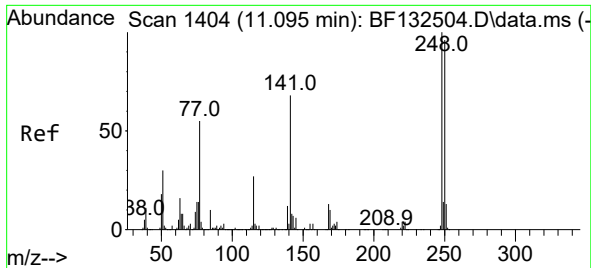
Tgt Ion: 77 Resp: 68385
Ion Ratio Lower Upper
77 100
182 83.9 5.5 45.5#
105 161.3 1.8 41.8#
51 32.7 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF132785.D
Acq: 14 Mar 2023 18:53

Tgt Ion: 188 Resp: 771952
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.8 8.7 13.1

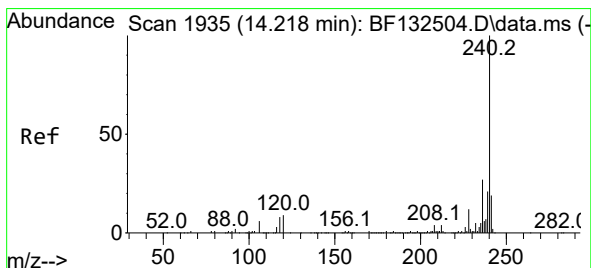
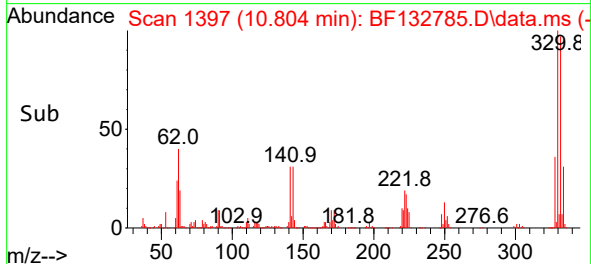
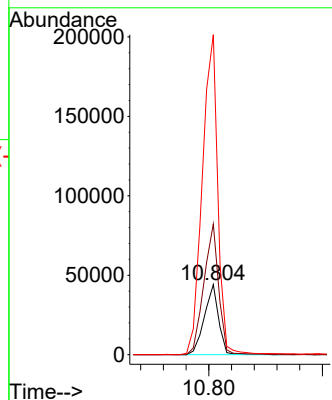
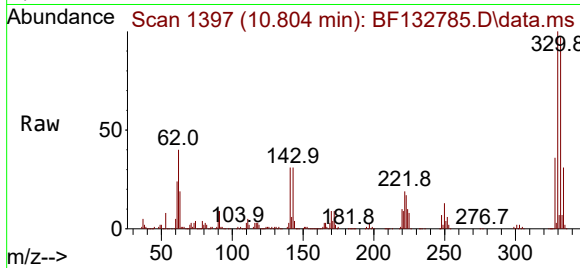




#67
4-Bromophenyl-phenylether
Concen: 4.412 ng
RT: 10.804 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132785.D
Acq: 14 Mar 2023 18:53

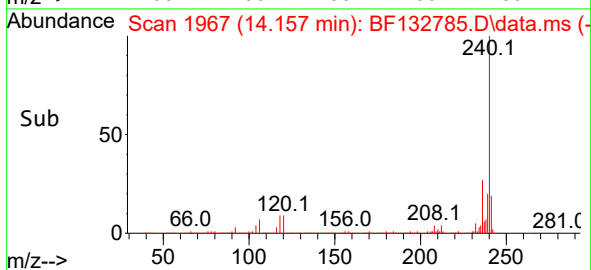
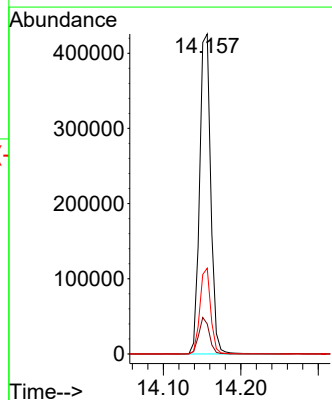
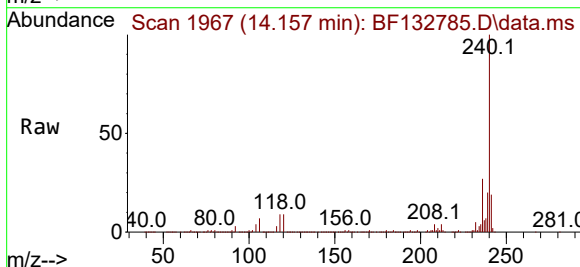
Instrument :
BNA_F
ClientSampleId :
C0AA9

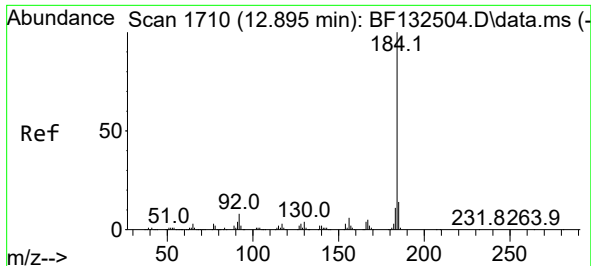
Tgt Ion:248 Resp: 38528
Ion Ratio Lower Upper
248 100
250 186.8 77.0 115.4#
141 456.9 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BF132785.D
Acq: 14 Mar 2023 18:53

Tgt Ion:240 Resp: 423353
Ion Ratio Lower Upper
240 100
120 9.4 7.2 10.8
236 26.8 21.8 32.6

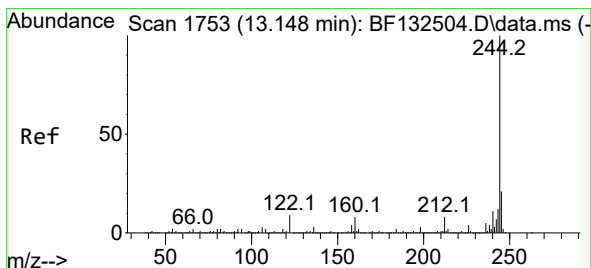
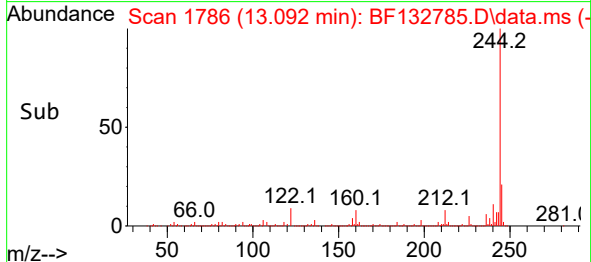
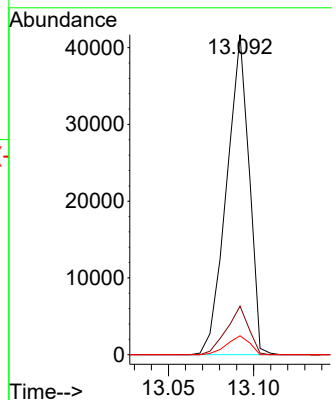
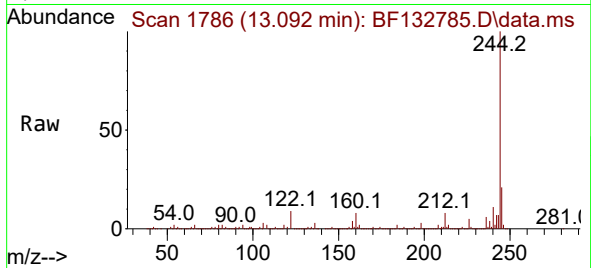




#77
Benzidine
Concen: 3.696 ng
RT: 13.092 min Scan# 1786
Delta R.T. 0.247 min
Lab File: BF132785.D
Acq: 14 Mar 2023 18:53

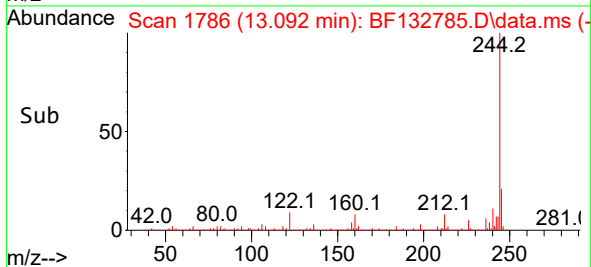
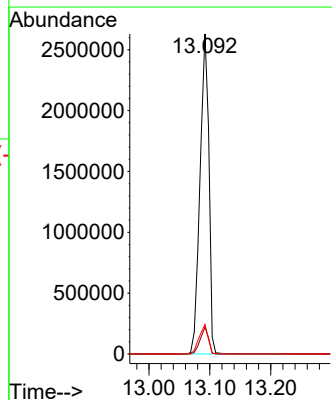
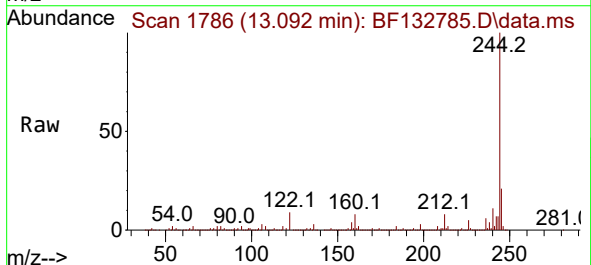
Instrument :
BNA_F
ClientSampleId :
C0AA9

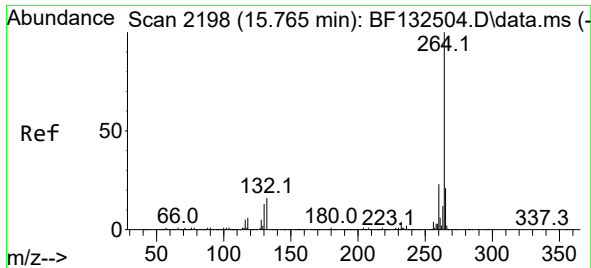
Tgt Ion:184 Resp: 38093
Ion Ratio Lower Upper
184 100
185 15.1 11.7 17.5
183 5.9 8.7 13.1#



#79
Terphenyl-d14
Concen: 106.124 ng
RT: 13.092 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BF132785.D
Acq: 14 Mar 2023 18:53

Tgt Ion:244 Resp: 2657275
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 9.2 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.686 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132785.D
 Acq: 14 Mar 2023 18:53

Instrument :
 BNA_F
 ClientSampleId :
 C0AA9

Tgt Ion:264 Resp: 437803
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.3 17.1 25.7

