

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF123004.D
 Acq On : 19 Jan 2021 00:13
 Operator : JU/CG
 Sample : M1146-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 520-Z

Quant Time: Jan 19 01:34:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 18 13:14:08 2021
 Response via : Initial Calibration

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

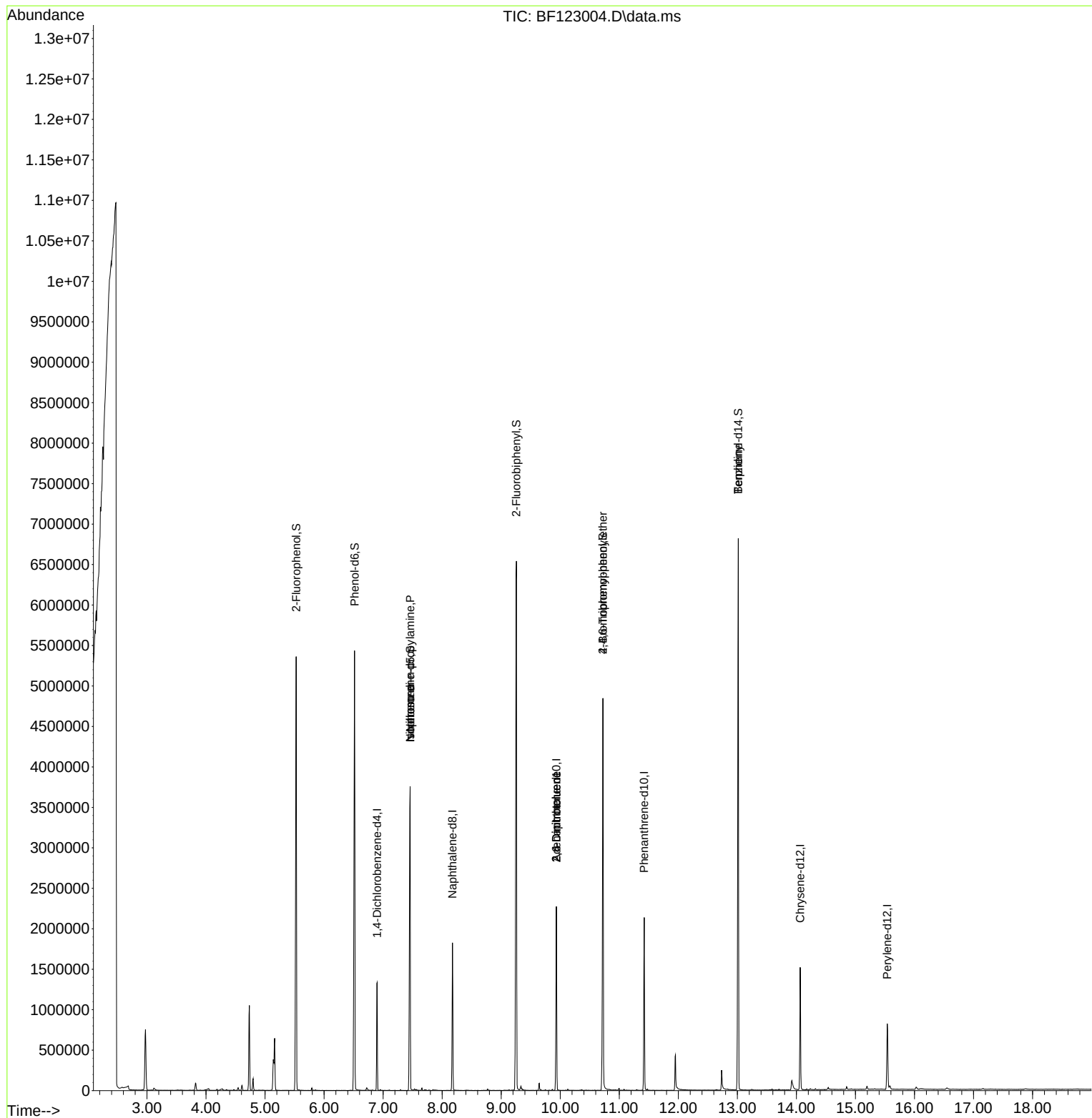
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	185018	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	794341	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	436891	20.00	ng	0.00
64) Phenanthrene-d10	11.421	188	711979	20.00	ng	# 0.00
76) Chrysene-d12	14.062	240	449341	20.00	ng	#-0.01
86) Perylene-d12	15.539	264	353400	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1386644	113.29	ng	0.02
7) Phenol-d6	6.516	99	1929145	117.27	ng	0.00
23) Nitrobenzene-d5	7.457	82	1305544	84.58	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	602198	121.89	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2355974	75.51	ng	0.00
79) Terphenyl-d14	13.015	244	2017785	82.33	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	251	Below Cal	#	83
19) n-Nitroso-di-n-propyla...	7.457	70	179180	18.39	ng	# 84
25) Isophorone	7.457	82	1305711	47.41	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	56071	7.56	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	56071	5.88	ng	# 26
67) 4-Bromophenyl-phenylether	10.721	248	36262	4.17	ng	# 1
77) Benzydine	13.015	184	27960	2.35	ng	# 89

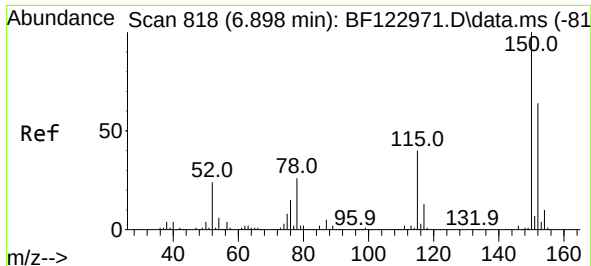
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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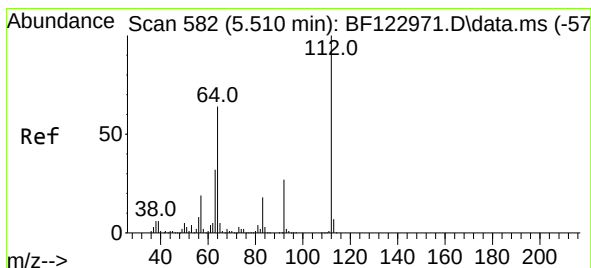
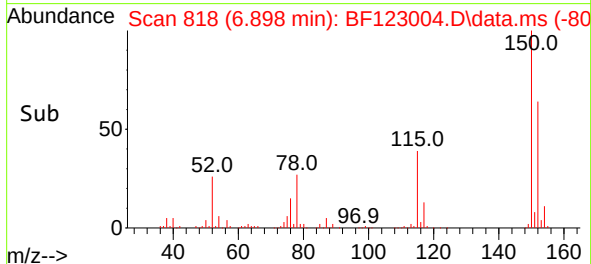
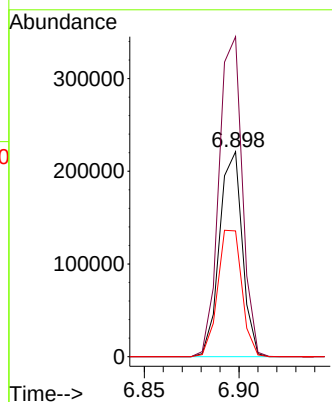
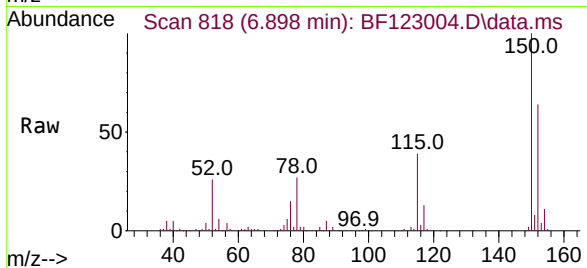




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123004.D
Acq: 19 Jan 2021 00:13

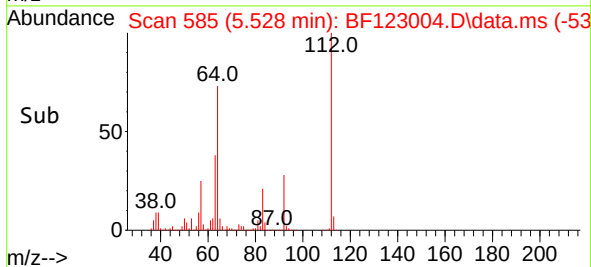
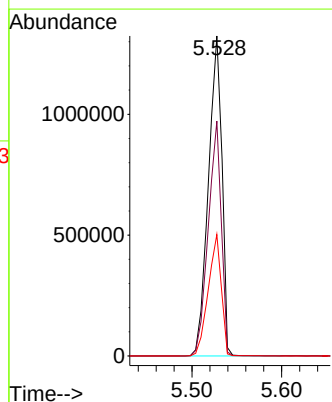
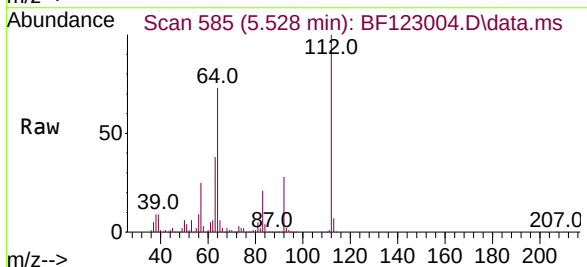
Instrument :
BNA_F
ClientSampled :
520-Z

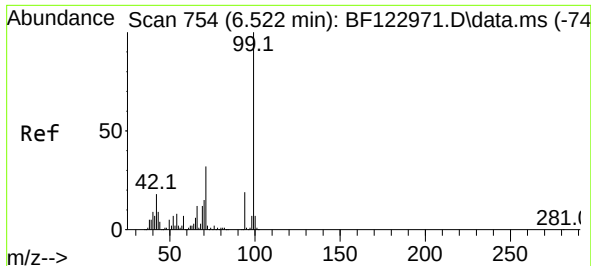
Tgt Ion:152 Resp: 185018
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.6
115 61.4 49.3 73.9



#5
2-Fluorophenol
Concen: 113.29 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF123004.D
Acq: 19 Jan 2021 00:13

Tgt Ion:112 Resp: 1386644
Ion Ratio Lower Upper
112 100
64 73.4 46.9 70.3#
63 38.0 24.5 36.7#

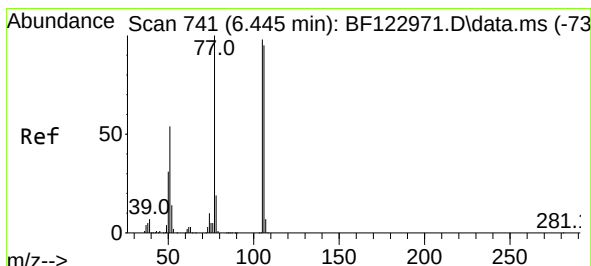
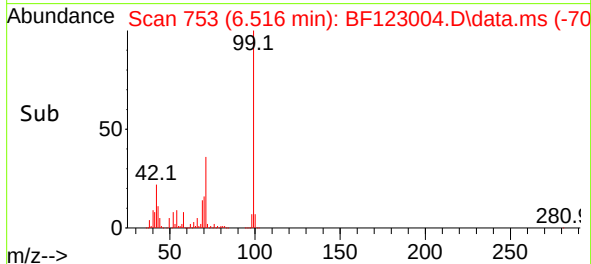
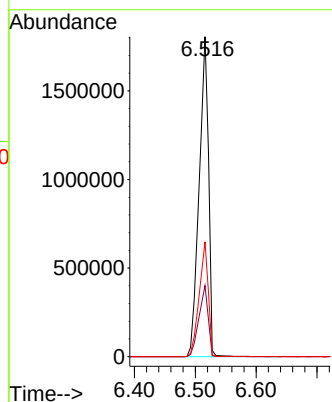
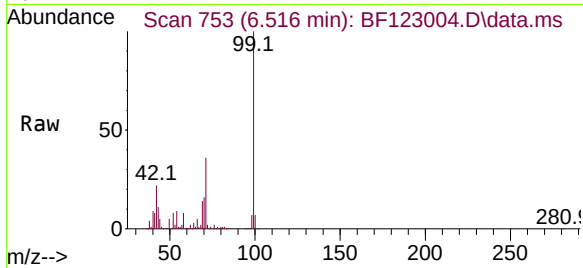




#7
Phenol-d6
Concen: 117.27 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF123004.D
Acq: 19 Jan 2021 00:13

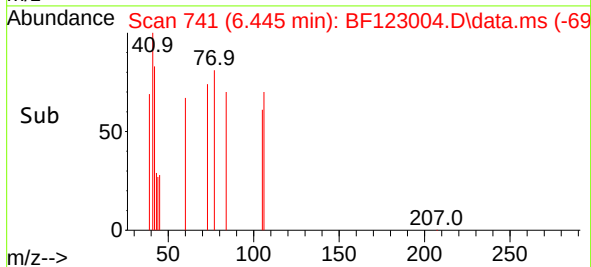
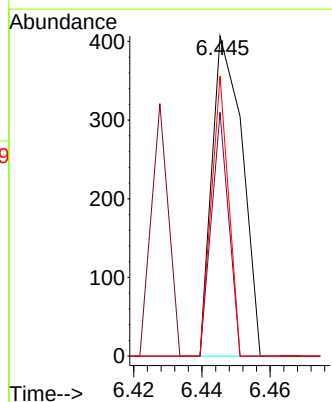
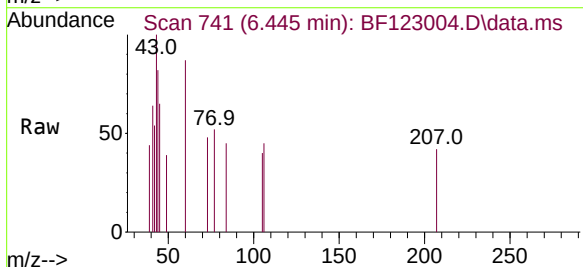
Instrument :
BNA_F
ClientSampled :
520-Z

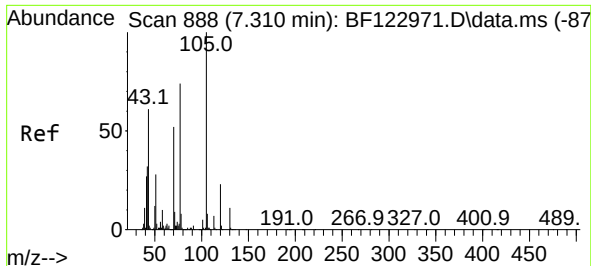
Tgt Ion: 99 Resp: 1929145
Ion Ratio Lower Upper
99 100
42 22.2 13.8 20.6#
71 35.9 26.9 40.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF123004.D
Acq: 19 Jan 2021 00:13

Tgt Ion: 77 Resp: 251
Ion Ratio Lower Upper
77 100
105 76.2 80.6 120.6#
106 87.5 77.2 117.2

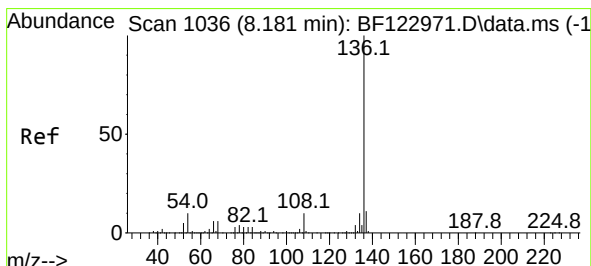
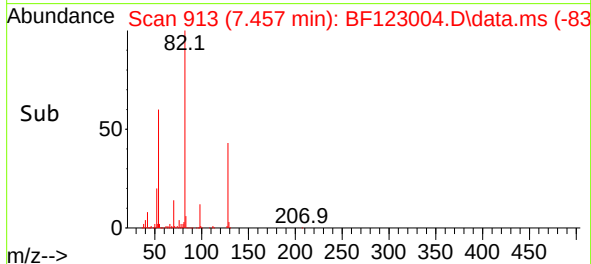
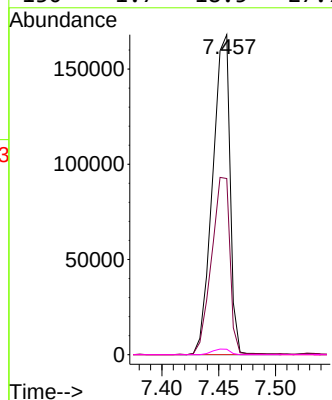
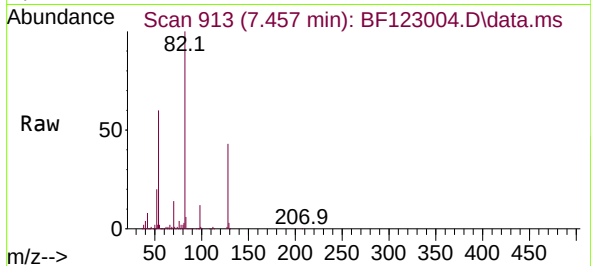




#19
n-Nitroso-di-n-propylamine
Concen: 18.39 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF123004.D
Acq: 19 Jan 2021 00:13

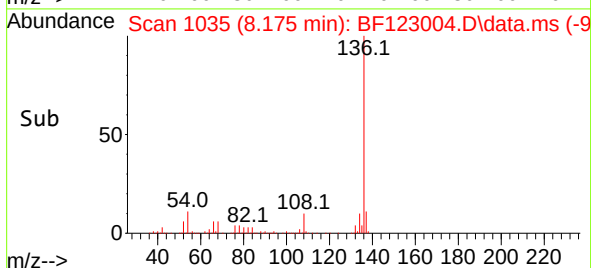
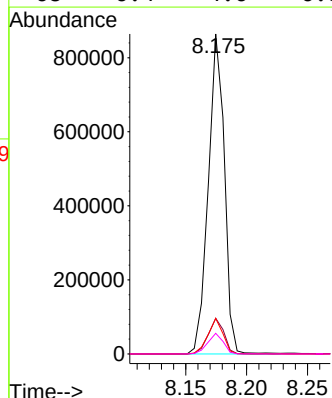
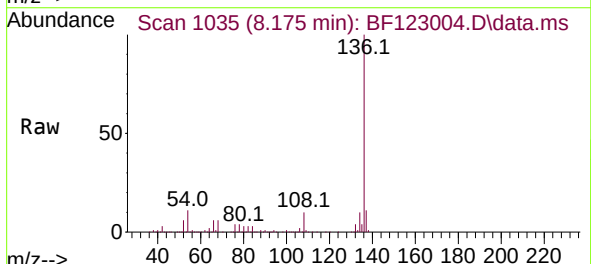
Instrument :
BNA_F
ClientSampleId :
520-Z

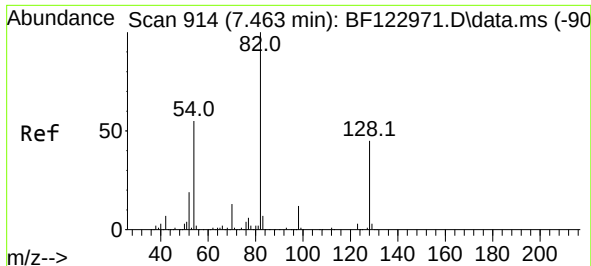
Tgt Ion: 70 Resp: 179180
Ion Ratio Lower Upper
70 100
42 55.1 43.0 64.4
101 0.0 7.9 11.9#
130 1.7 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123004.D
Acq: 19 Jan 2021 00:13

Tgt Ion: 136 Resp: 794341
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.1 5.5 8.3#
68 6.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 84.58 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF123004.D

Acq: 19 Jan 2021 00:13

Tgt Ion: 82 Resp: 1305544

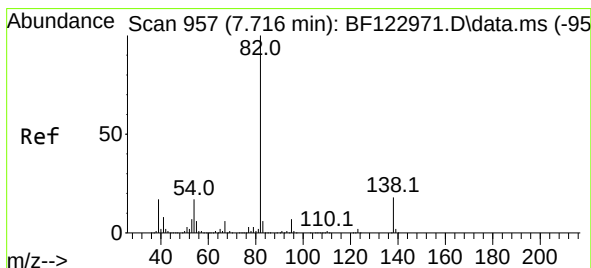
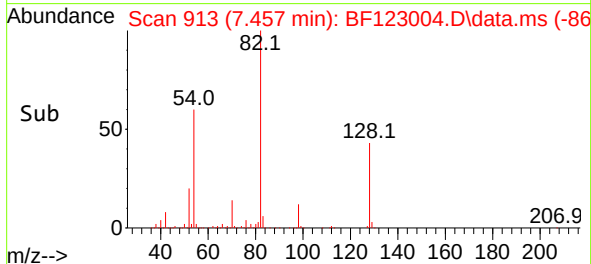
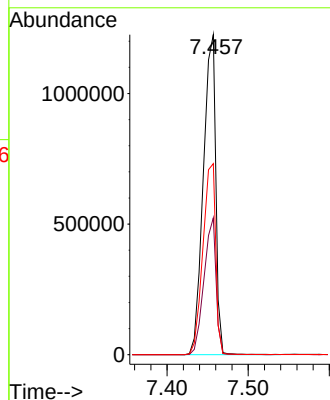
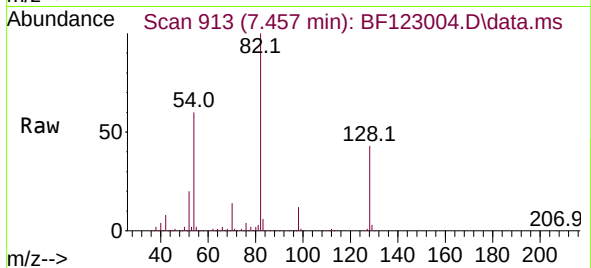
Ion	Ratio	Lower	Upper
82	100		
128	42.7	37.0	55.4
54	59.7	38.4	57.6#

Instrument :

BNA_F

ClientSampled :

520-Z



#25

Isophorone

Concen: 47.41 ng

RT: 7.457 min Scan# 913

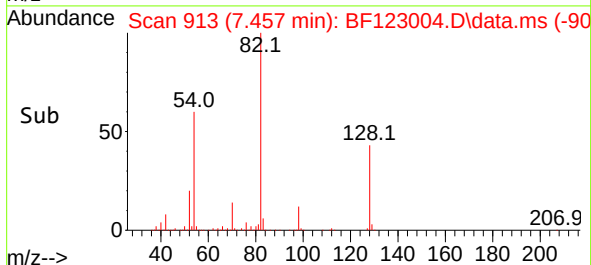
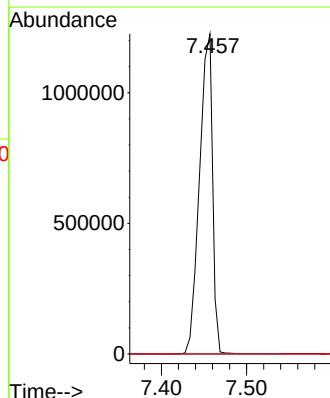
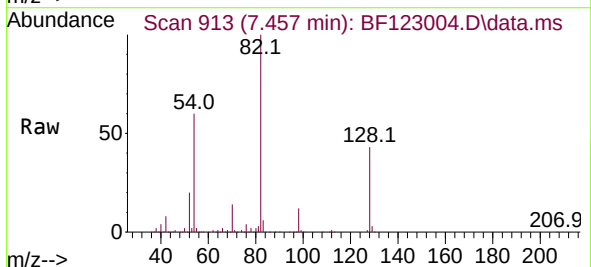
Delta R.T. -0.259 min

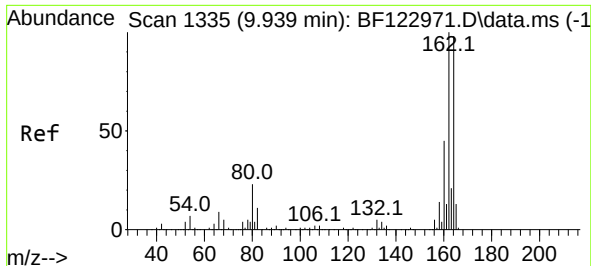
Lab File: BF123004.D

Acq: 19 Jan 2021 00:13

Tgt Ion: 82 Resp: 1305711

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

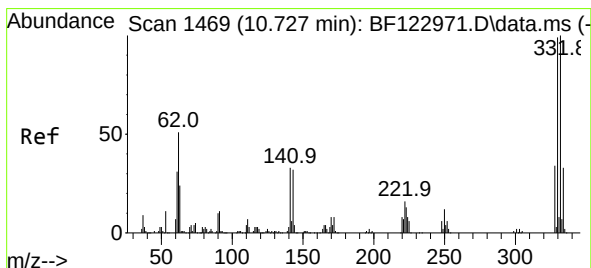
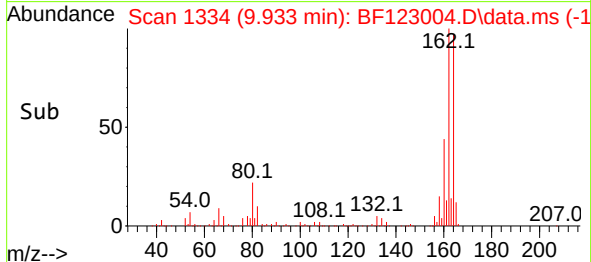
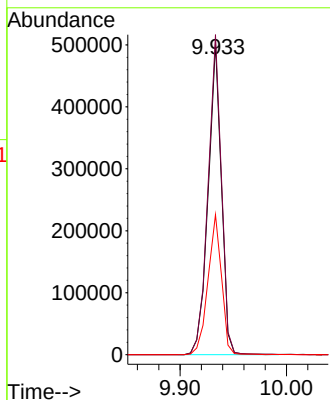
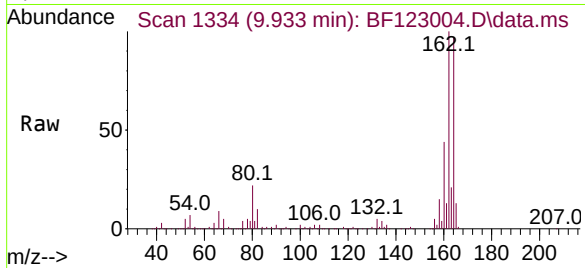




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123004.D
Acq: 19 Jan 2021 00:13

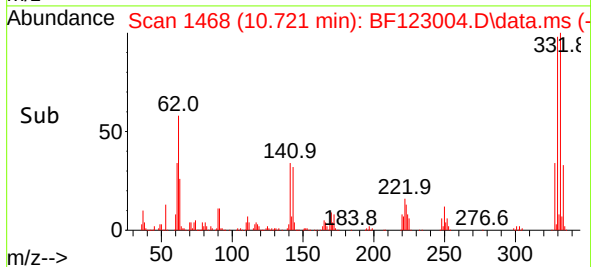
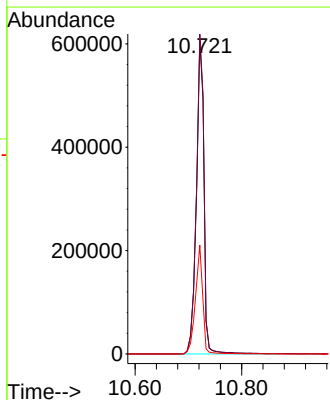
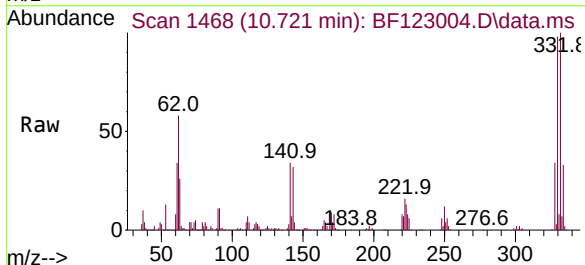
Instrument :
BNA_F
ClientSampled :
520-Z

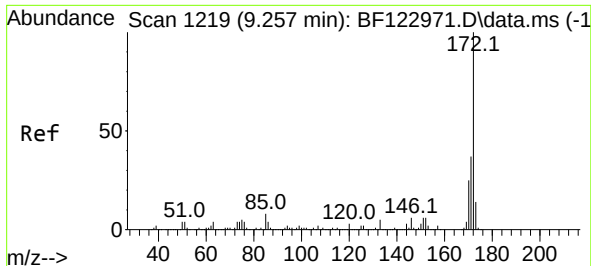
Tgt Ion:164 Resp: 436891
Ion Ratio Lower Upper
164 100
162 102.8 80.8 121.2
160 45.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 121.89 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF123004.D
Acq: 19 Jan 2021 00:13

Tgt Ion:330 Resp: 602198
Ion Ratio Lower Upper
330 100
332 101.8 77.5 116.3
141 33.5 23.8 35.8

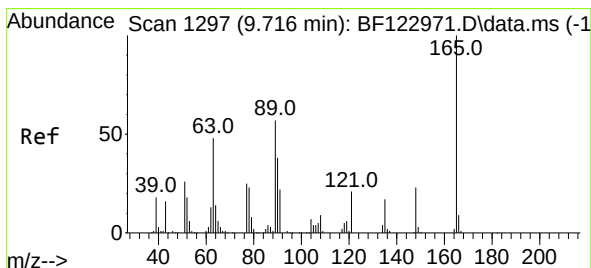
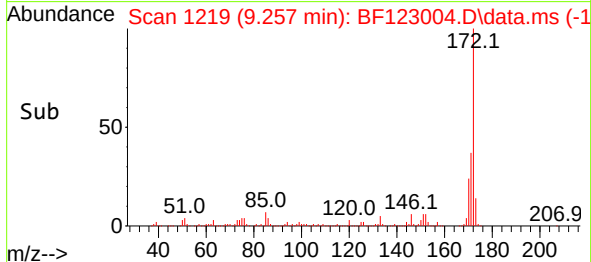
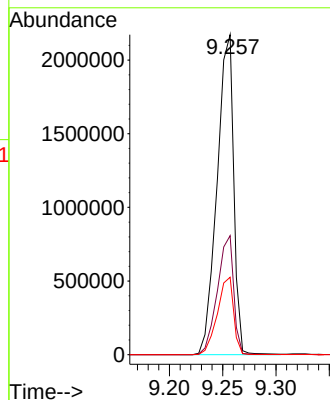
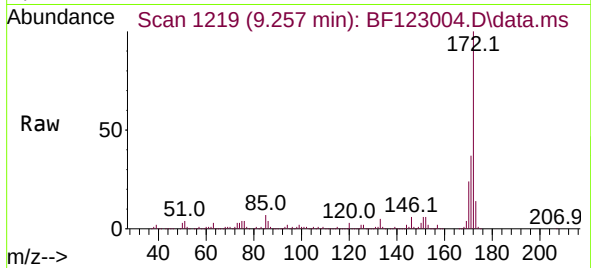




#45
2-Fluorobiphenyl
Concen: 75.51 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF123004.D
Acq: 19 Jan 2021 00:13

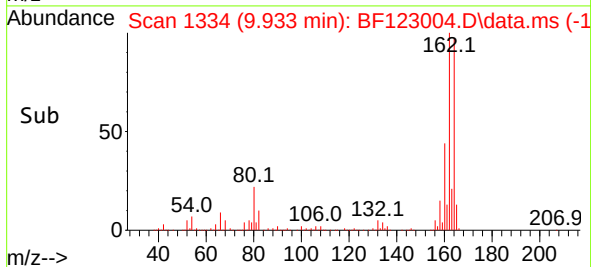
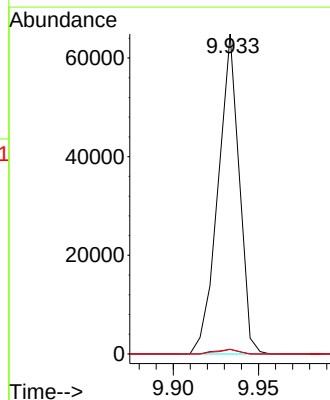
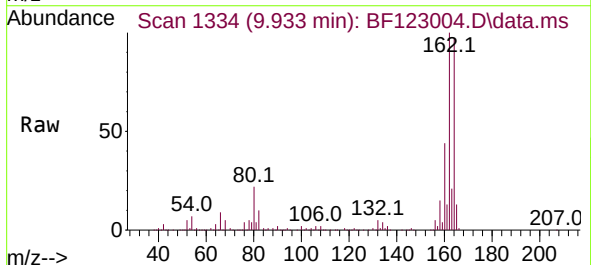
Instrument :
BNA_F
ClientSampleId :
520-Z

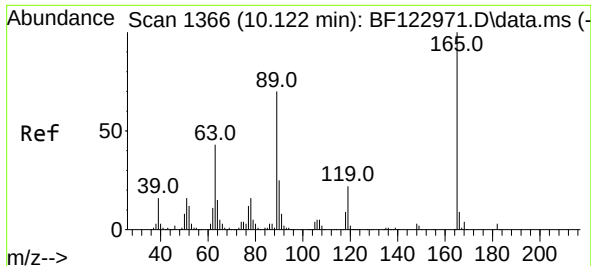
Tgt Ion:172 Resp: 2355974
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 24.2 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.56 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF123004.D
Acq: 19 Jan 2021 00:13

Tgt Ion:165 Resp: 56071
Ion Ratio Lower Upper
165 100
63 1.5 36.6 55.0#
89 1.4 39.4 59.0#

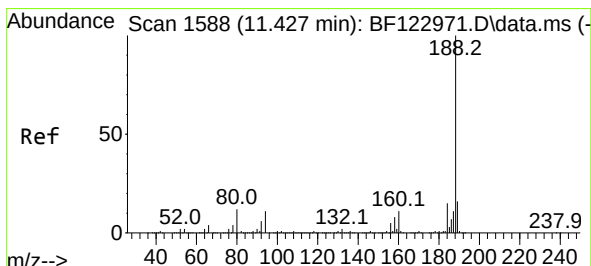
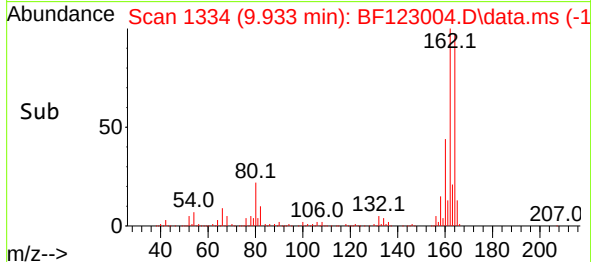
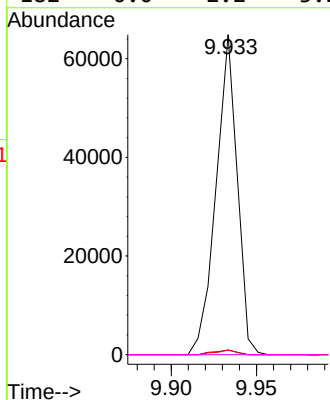
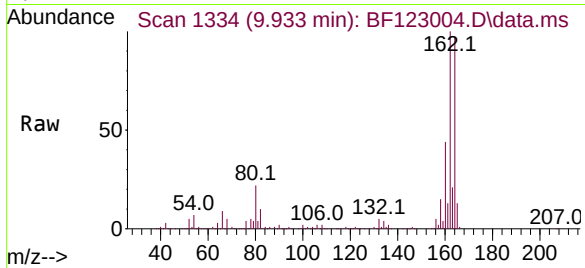




#57
2,4-Dinitrotoluene
Concen: 5.88 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123004.D
Acq: 19 Jan 2021 00:13

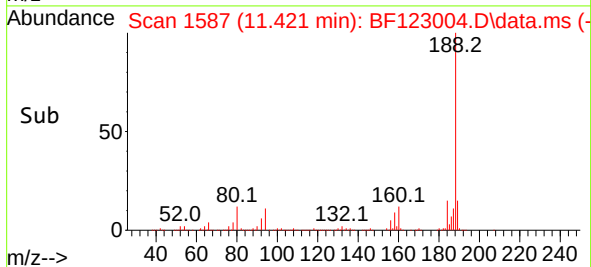
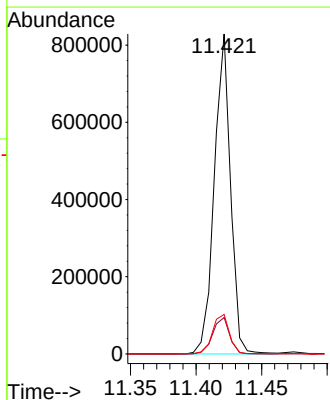
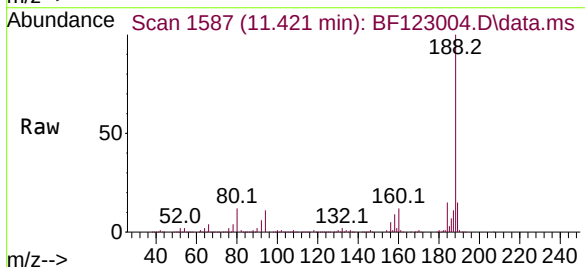
Instrument :
BNA_F
ClientSampleId :
520-Z

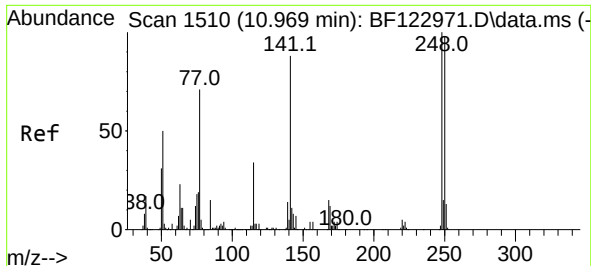
Tgt Ion:165 Resp: 56071
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF123004.D
Acq: 19 Jan 2021 00:13

Tgt Ion:188 Resp: 711979
Ion Ratio Lower Upper
188 100
94 11.4 7.4 11.2#
80 12.4 8.2 12.4#

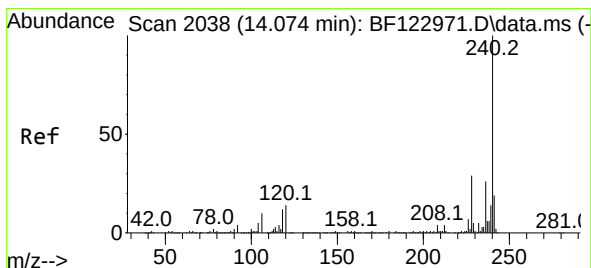
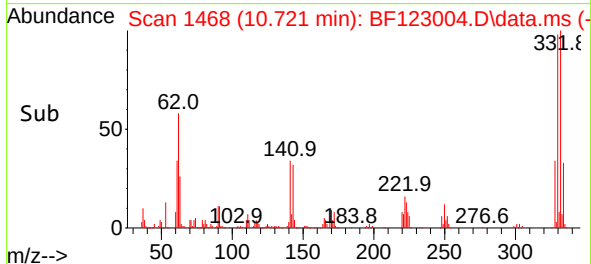
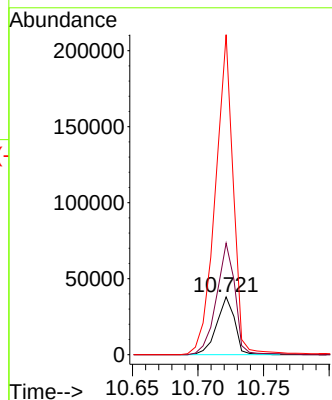
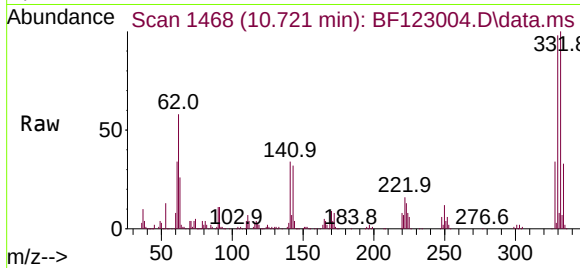




#67
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF123004.D
Acq: 19 Jan 2021 00:13

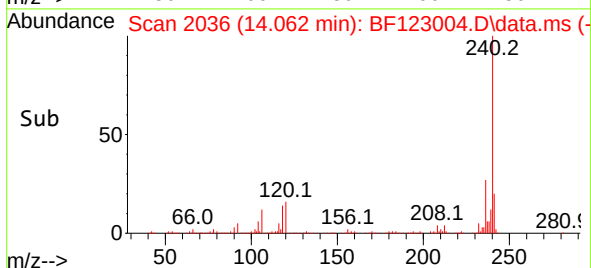
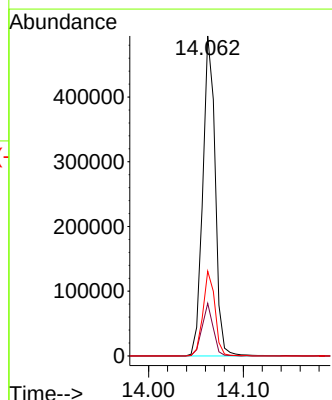
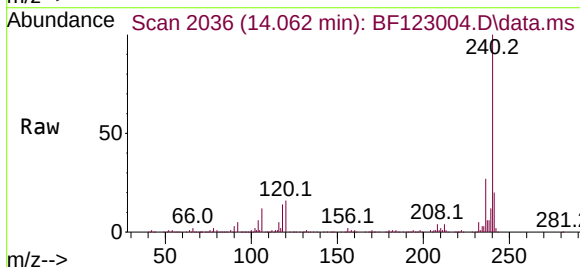
Instrument :
BNA_F
ClientSampled :
520-Z

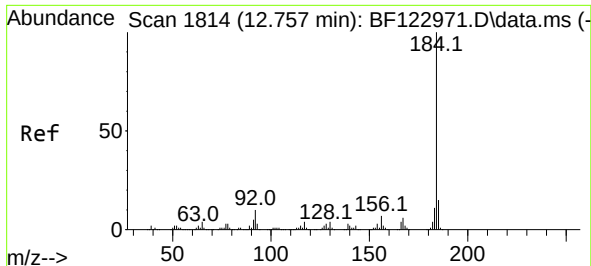
Tgt Ion:248 Resp: 36262
Ion Ratio Lower Upper
248 100
250 193.1 76.8 115.2#
141 554.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123004.D
Acq: 19 Jan 2021 00:13

Tgt Ion:240 Resp: 449341
Ion Ratio Lower Upper
240 100
120 16.5 8.6 12.8#
236 26.5 20.3 30.5

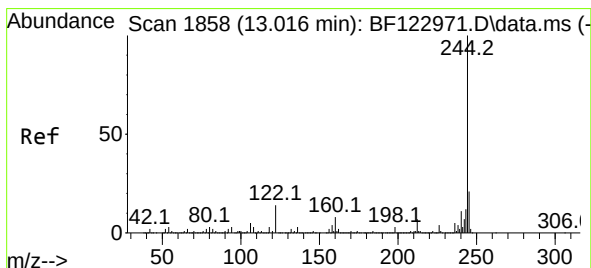
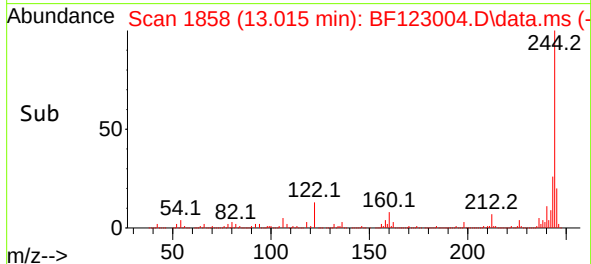
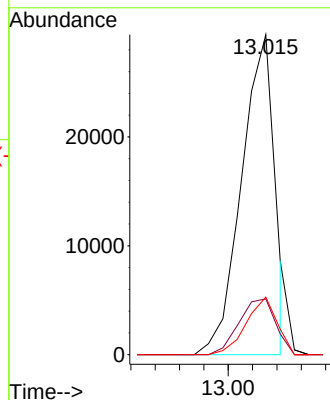
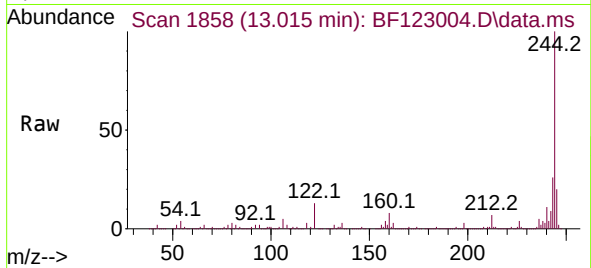




#77
Benzidine
Concen: 2.35 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.259 min
Lab File: BF123004.D
Acq: 19 Jan 2021 00:13

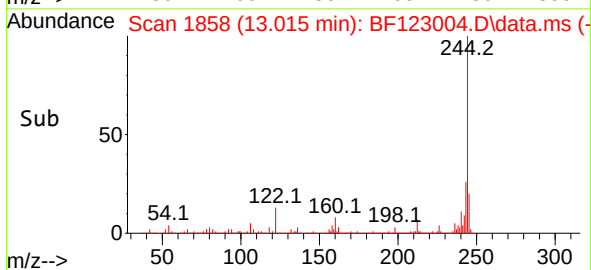
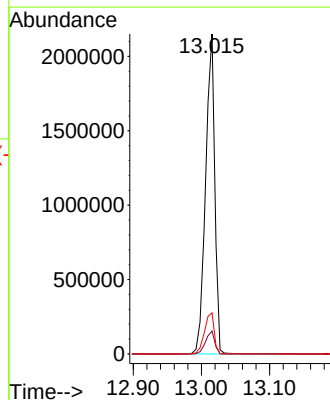
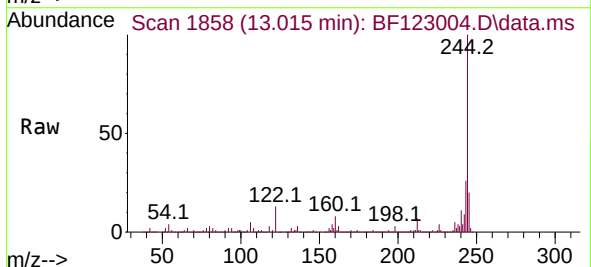
Instrument :
BNA_F
ClientSampled :
520-Z

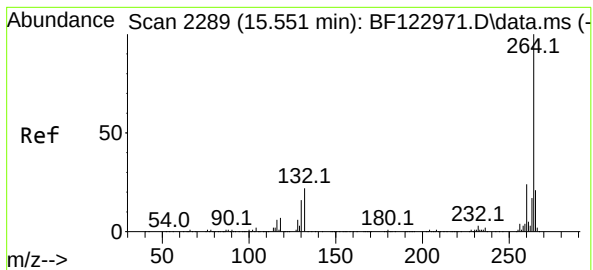
Tgt Ion:184 Resp: 27960
Ion Ratio Lower Upper
184 100
185 17.4 11.8 17.6
183 18.0 9.7 14.5#



#79
Terphenyl-d14
Concen: 82.33 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.001 min
Lab File: BF123004.D
Acq: 19 Jan 2021 00:13

Tgt Ion:244 Resp: 2017785
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 12.9 8.3 12.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BF123004.D
Acq: 19 Jan 2021 00:13

Instrument :
BNA_F
ClientSampleId :
520-Z

Tgt Ion:264 Resp: 353400

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	21.7	17.0	25.6

