

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF122997.D
 Acq On : 18 Jan 2021 20:32
 Operator : JU/CG
 Sample : M1141-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T872-T871

Quant Time: Jan 18 23:50:52 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)

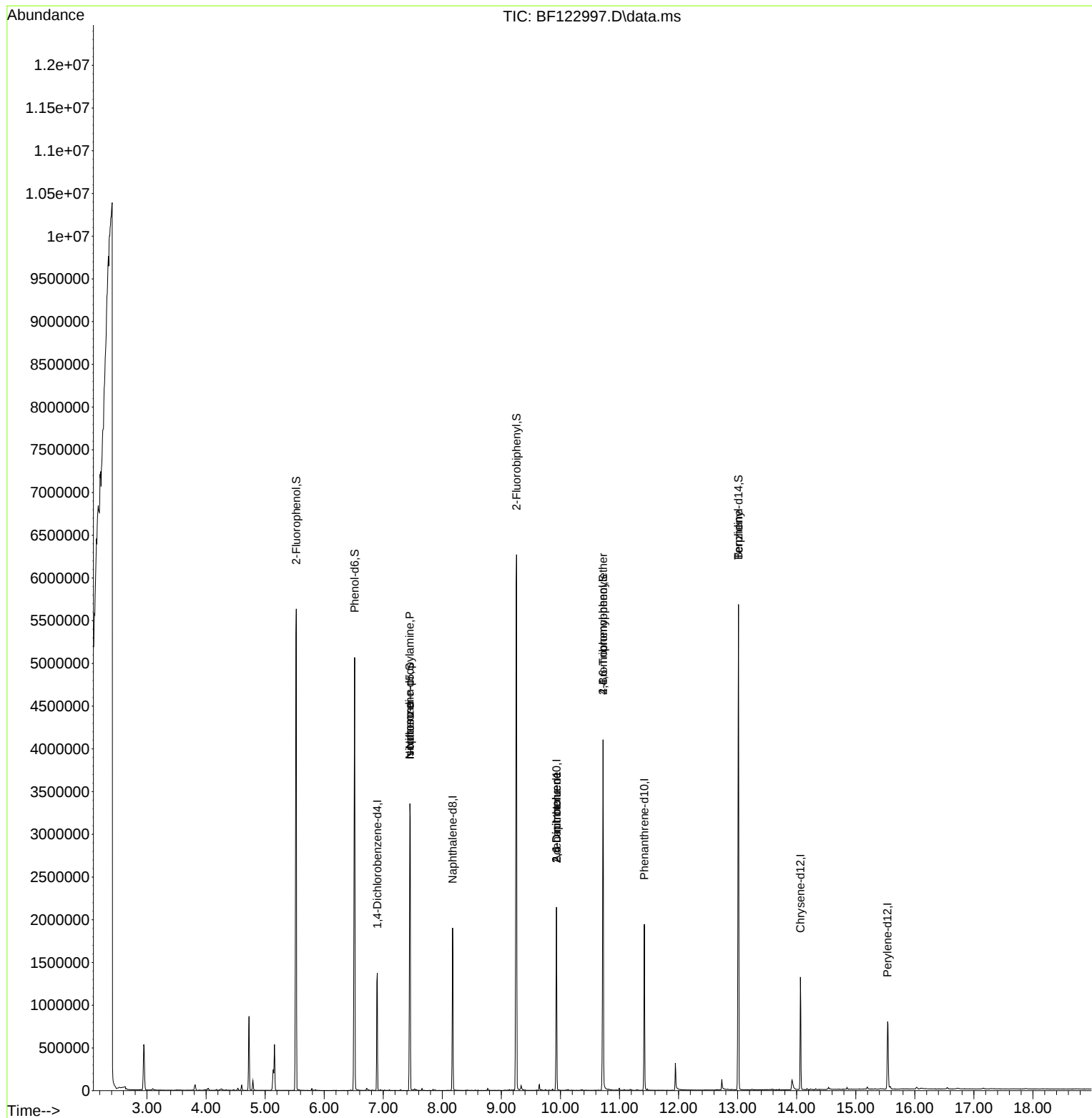
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	188665	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	868083	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	404238	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	623314	20.00	ng	# 0.00
76) Chrysene-d12	14.063	240	396452	20.00	ng	#-0.01
86) Perylene-d12	15.539	264	360478	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1589837	127.38	ng	0.02
7) Phenol-d6	6.516	99	1737013	103.55	ng	0.00
23) Nitrobenzene-d5	7.451	82	1183715	70.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	485311	106.16	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2231690	77.31	ng	0.00
79) Terphenyl-d14	13.016	244	1640110	75.85	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	115	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	161767	16.28	ng	# 81
25) Isophorone	7.451	82	1183701	39.33	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	52481	7.65	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	52481	5.95	ng	# 25
67) 4-Bromophenyl-phenylether	10.722	248	28962	3.80	ng	# 1
77) Benzydine	13.016	184	23082	2.20	ng	# 89

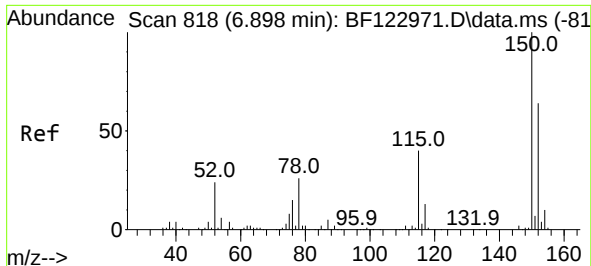
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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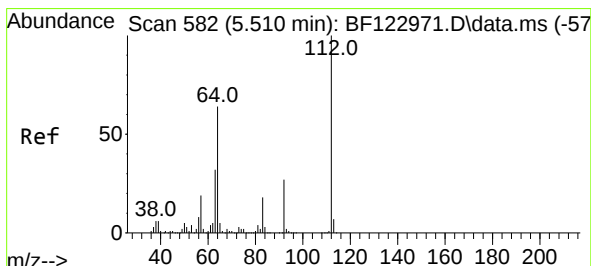
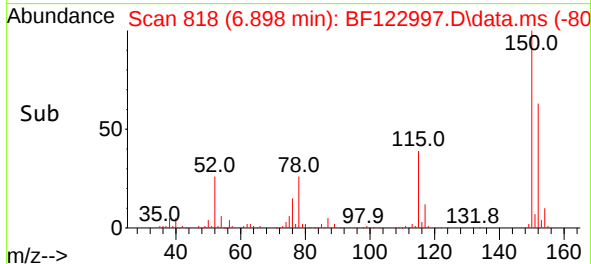
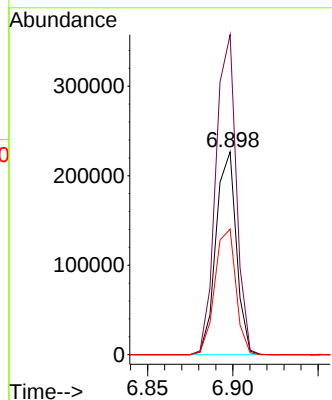
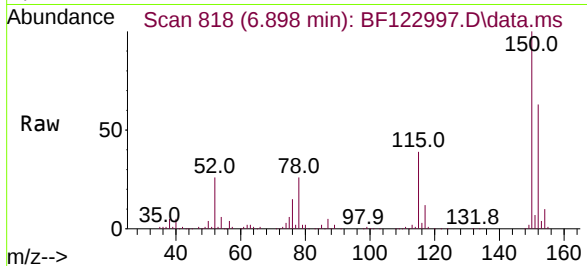




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.898 min Scan# 818
 Delta R.T. 0.000 min
 Lab File: BF122997.D
 Acq: 18 Jan 2021 20:32

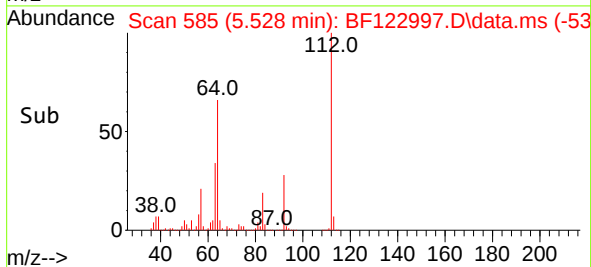
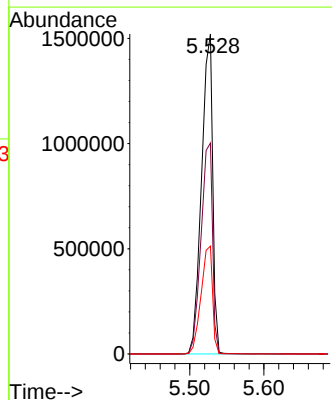
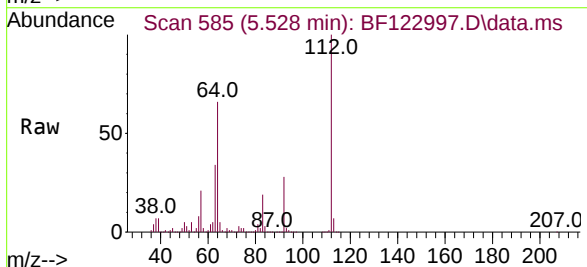
Instrument :
 BNA_F
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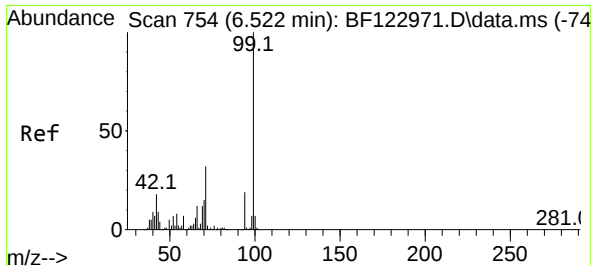
Tgt Ion:152 Resp: 188665
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.8 188.6
 115 61.9 49.3 73.9



#5
 2-Fluorophenol
 Concen: 127.38 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.018 min
 Lab File: BF122997.D
 Acq: 18 Jan 2021 20:32

Tgt Ion:112 Resp: 1589837
 Ion Ratio Lower Upper
 112 100
 64 65.9 46.9 70.3
 63 33.7 24.5 36.7

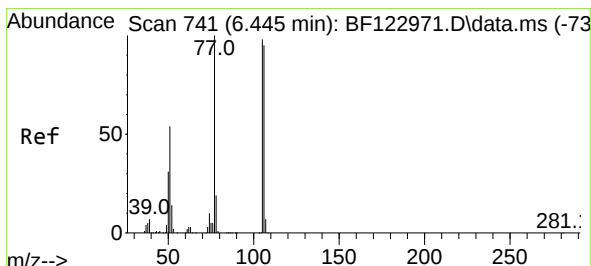
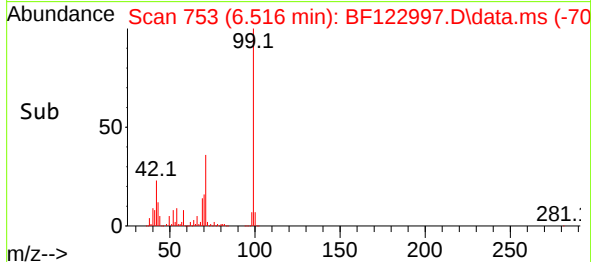
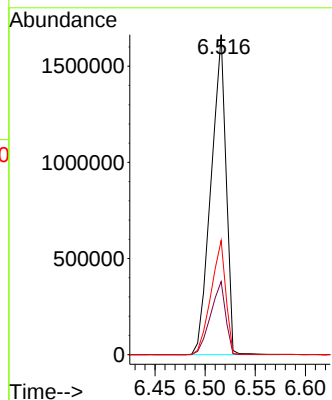
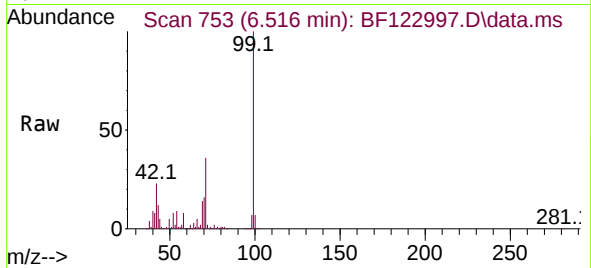




#7
Phenol-d6
Concen: 103.55 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF122997.D
Acq: 18 Jan 2021 20:32

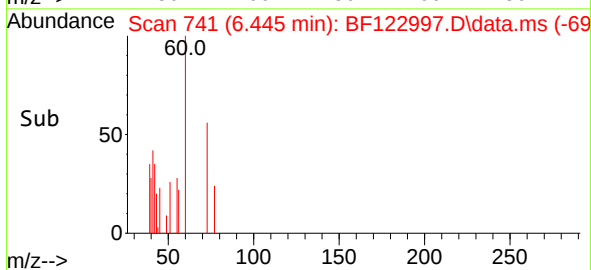
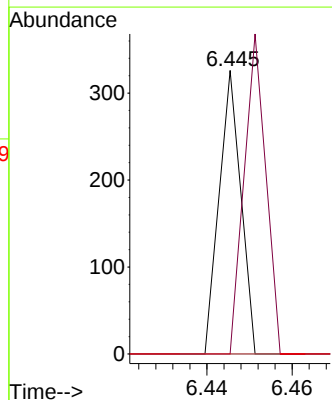
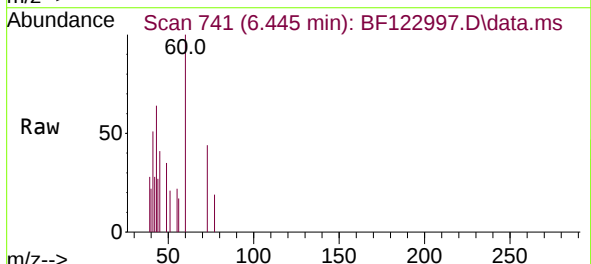
Instrument :
BNA_F
ClientSampleId :
T872-T871

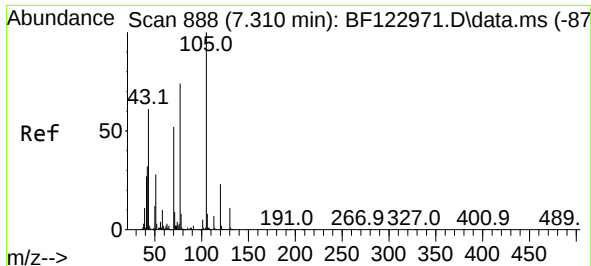
Tgt Ion: 99 Resp: 1737013
Ion Ratio Lower Upper
99 100
42 22.8 13.8 20.6#
71 35.7 26.9 40.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF122997.D
Acq: 18 Jan 2021 20:32

Tgt Ion: 77 Resp: 115
Ion Ratio Lower Upper
77 100
105 0.0 80.6 120.6#
106 0.0 77.2 117.2#

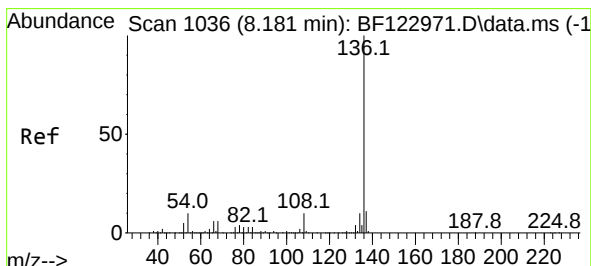
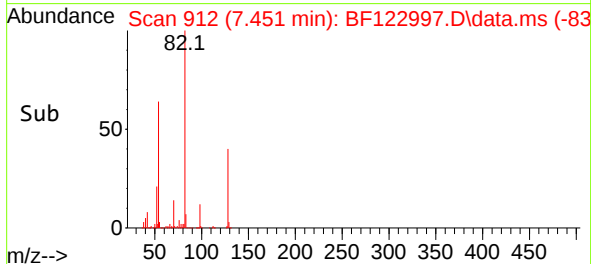
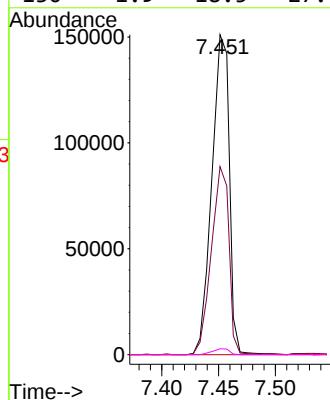
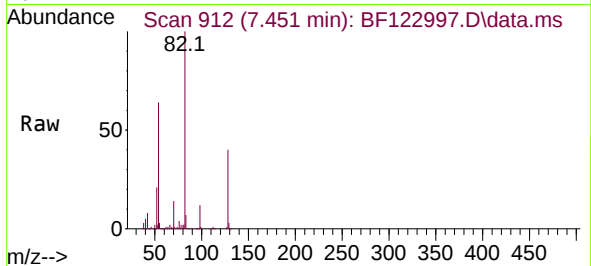




#19
n-Nitroso-di-n-propylamine
Concen: 16.28 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF122997.D
Acq: 18 Jan 2021 20:32

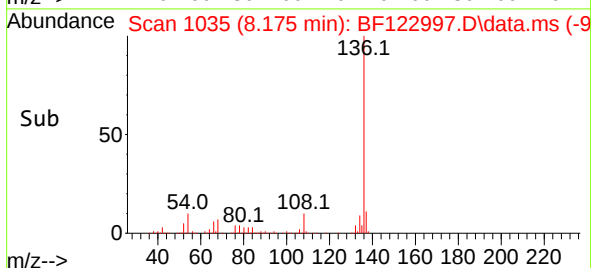
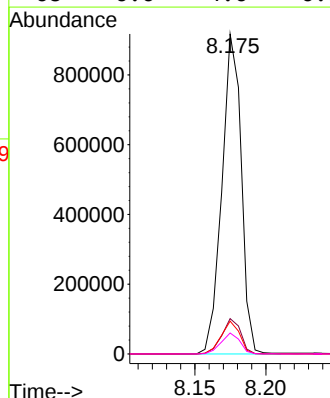
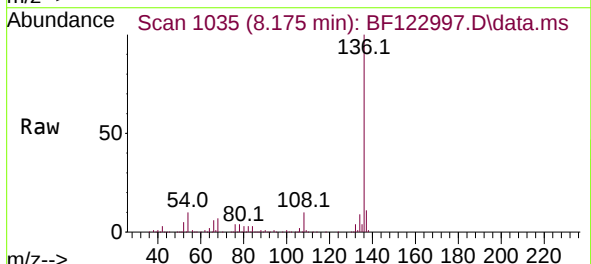
Instrument :
BNA_F
ClientSampleId :
T872-T871

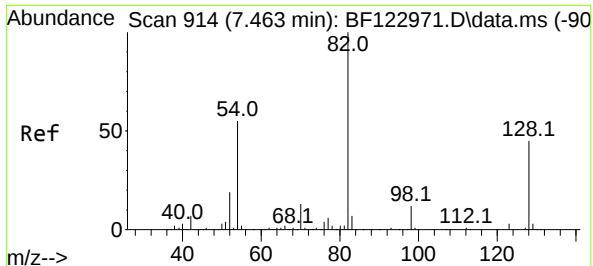
Tgt Ion: 70	Resp: 161767
Ion Ratio	Lower Upper
70 100	
42 58.8	43.0 64.4
101 0.0	7.9 11.9#
130 1.9	18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122997.D
Acq: 18 Jan 2021 20:32

Tgt Ion: 136	Resp: 868083
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 10.2	5.5 8.3#
68 6.6	4.6 6.8

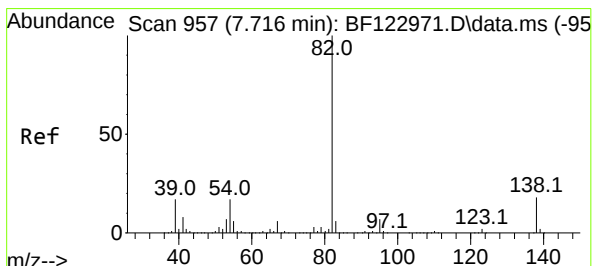
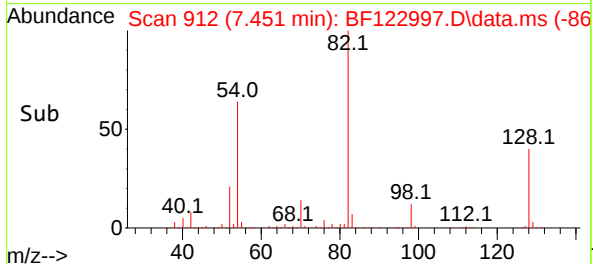
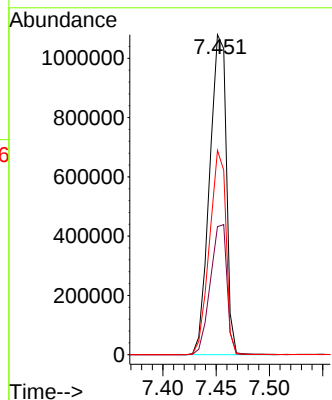
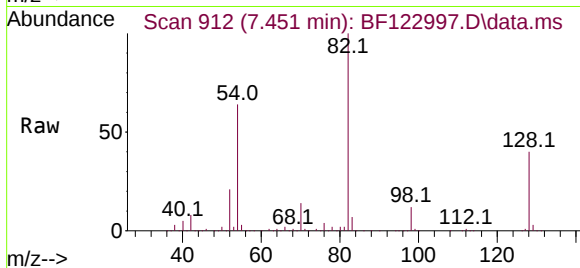




#23
Nitrobenzene-d5
Concen: 70.17 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF122997.D
Acq: 18 Jan 2021 20:32

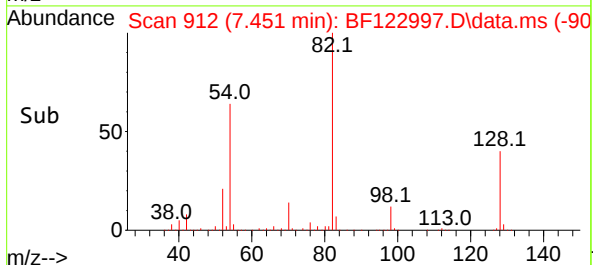
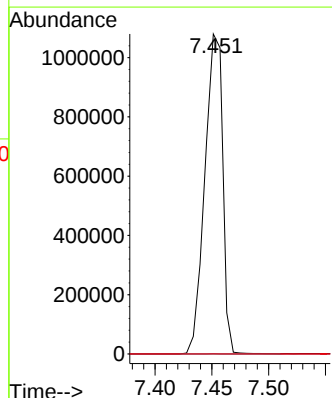
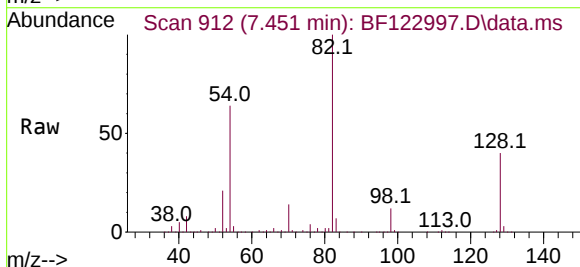
Instrument :
BNA_F
ClientSampleId :
T872-T871

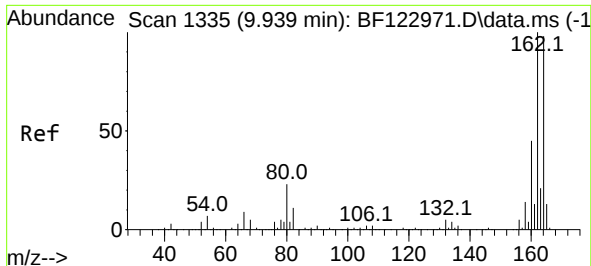
Tgt Ion: 82 Resp: 1183715
Ion Ratio Lower Upper
82 100
128 40.0 37.0 55.4
54 63.8 38.4 57.6#



#25
Isophorone
Concen: 39.33 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF122997.D
Acq: 18 Jan 2021 20:32

Tgt Ion: 82 Resp: 1183701
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: BF122997.D

Acq: 18 Jan 2021 20:32

Tgt Ion:164 Resp: 404238

Ion Ratio Lower Upper

164 100

162 103.8 80.8 121.2

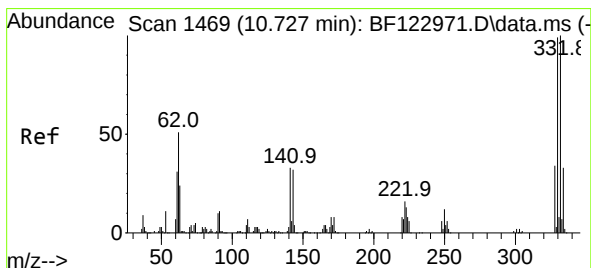
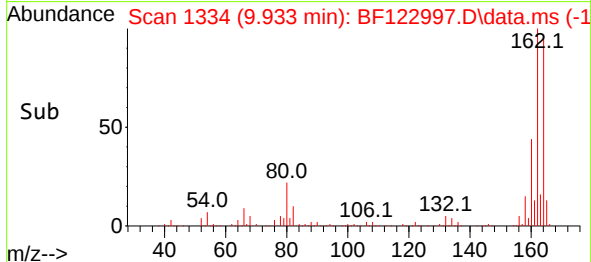
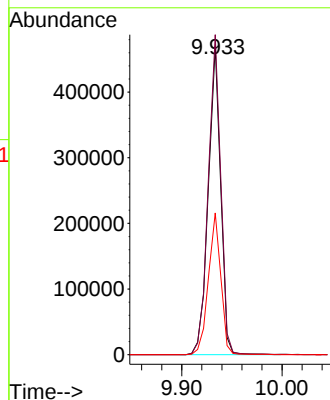
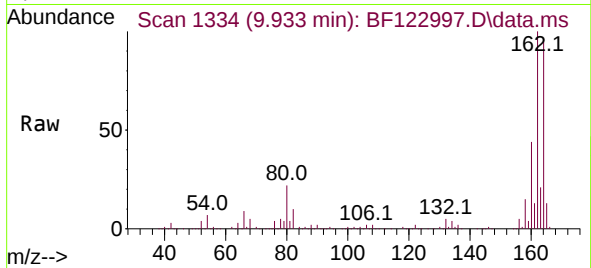
160 46.0 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

T872-T871



#42

2,4,6-Tribromophenol

Concen: 106.16 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.005 min

Lab File: BF122997.D

Acq: 18 Jan 2021 20:32

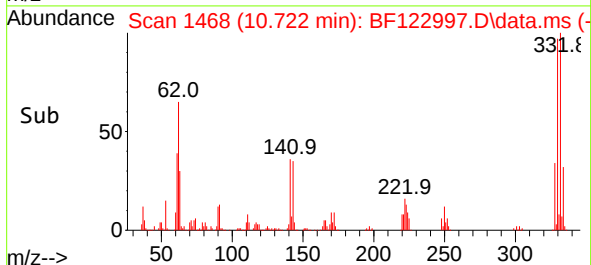
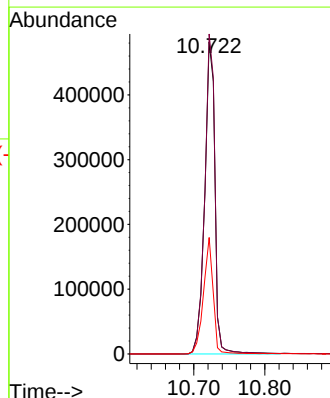
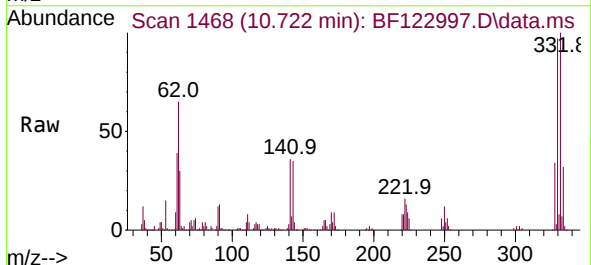
Tgt Ion:330 Resp: 485311

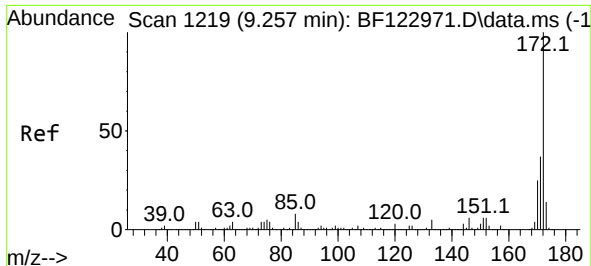
Ion Ratio Lower Upper

330 100

332 101.7 77.5 116.3

141 35.4 23.8 35.8

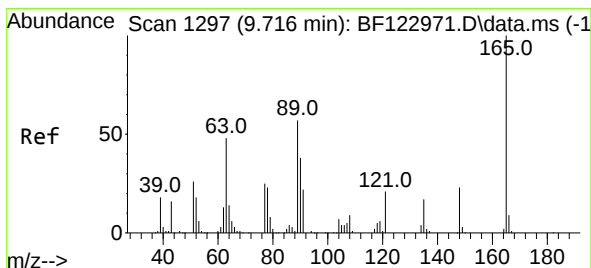
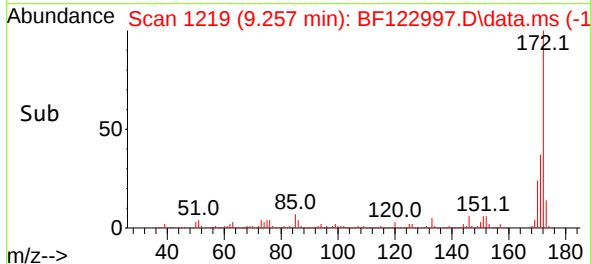
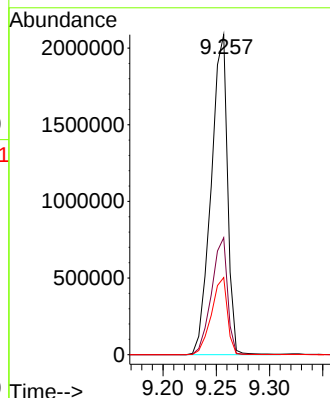
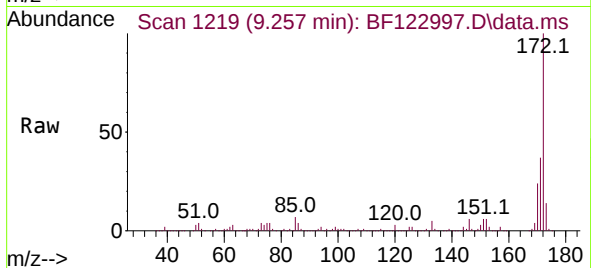




#45
2-Fluorobiphenyl
Concen: 77.31 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF122997.D
Acq: 18 Jan 2021 20:32

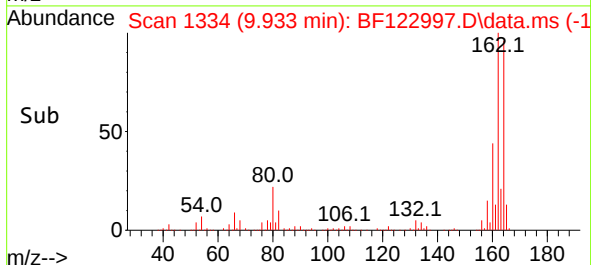
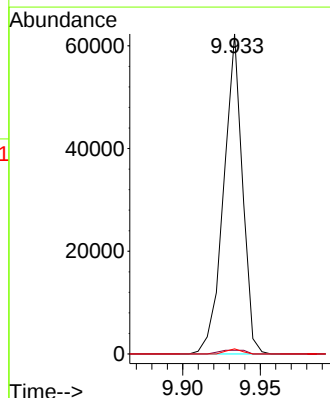
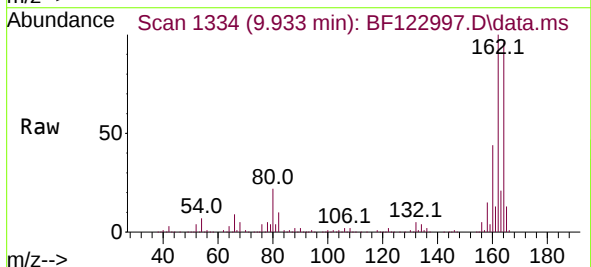
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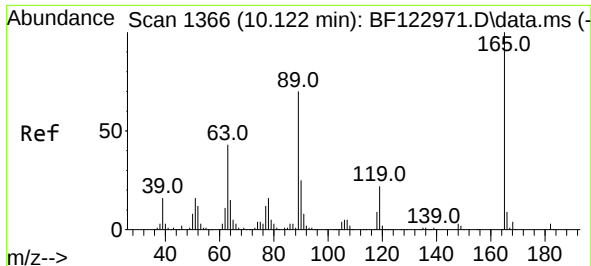
Tgt Ion:172 Resp: 2231690
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.1 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF122997.D
Acq: 18 Jan 2021 20:32

Tgt Ion:165 Resp: 52481
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.6 39.4 59.0#

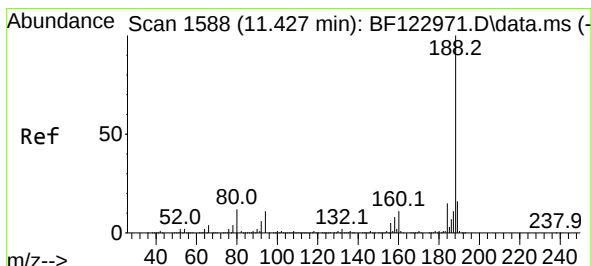
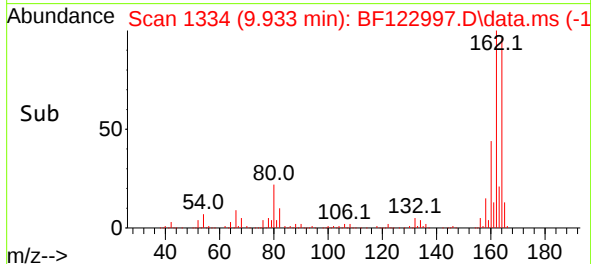
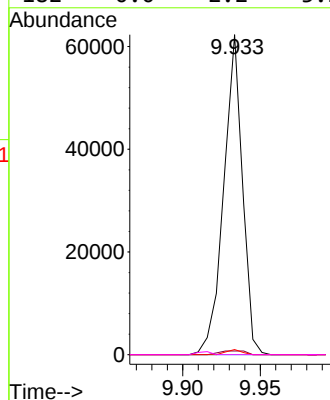
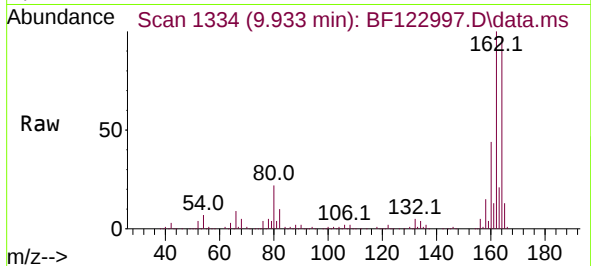




#57
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF122997.D
Acq: 18 Jan 2021 20:32

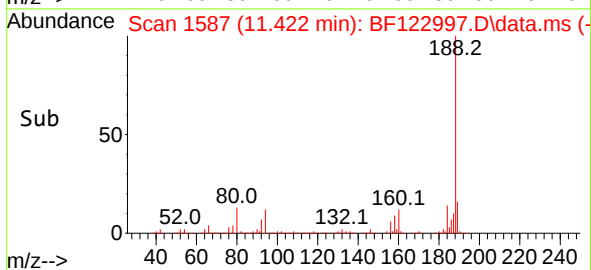
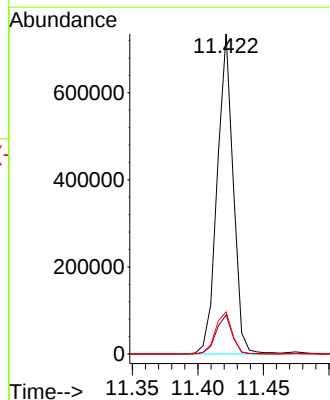
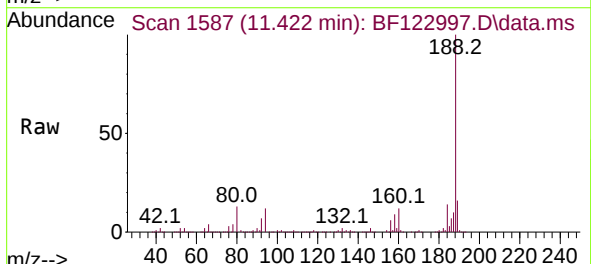
Instrument :
BNA_F
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T872-T871

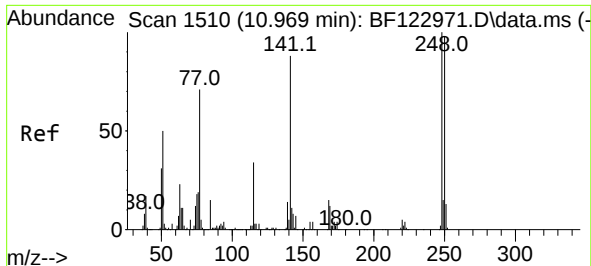
Tgt Ion:165 Resp: 52481
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.6 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF122997.D
Acq: 18 Jan 2021 20:32

Tgt Ion:188 Resp: 623314
Ion Ratio Lower Upper
188 100
94 12.2 7.4 11.2#
80 13.1 8.2 12.4#

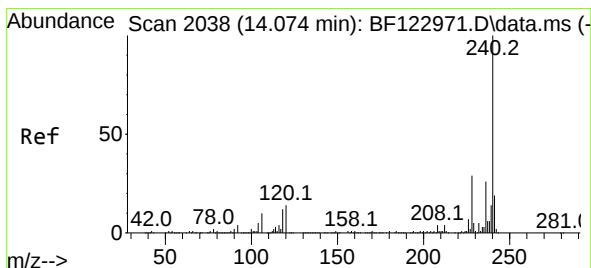
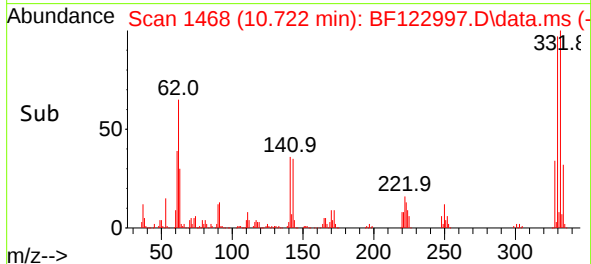
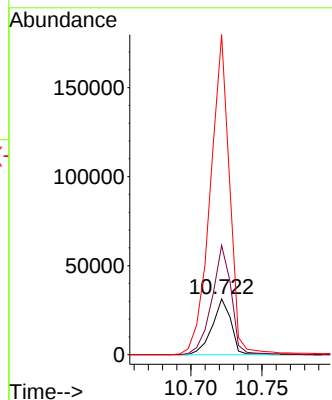
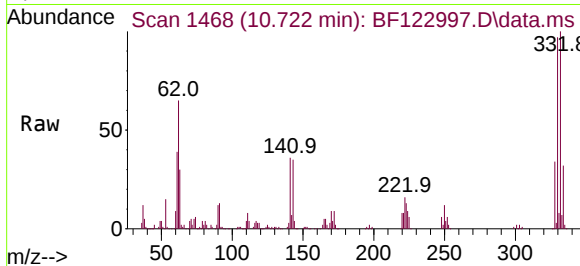




#67
4-Bromophenyl-phenylether
Concen: 3.80 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF122997.D
Acq: 18 Jan 2021 20:32

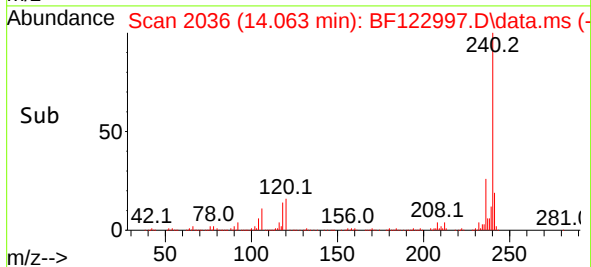
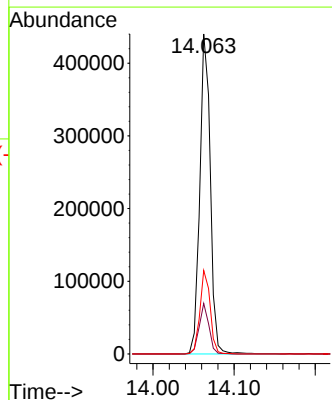
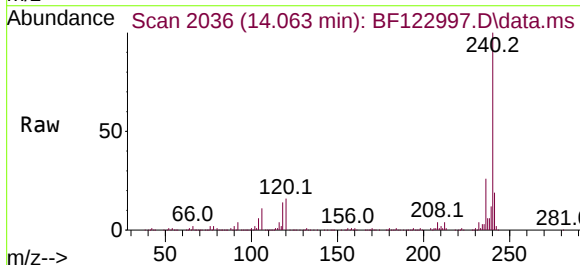
Instrument :
BNA_F
ClientSampleId :
T872-T871

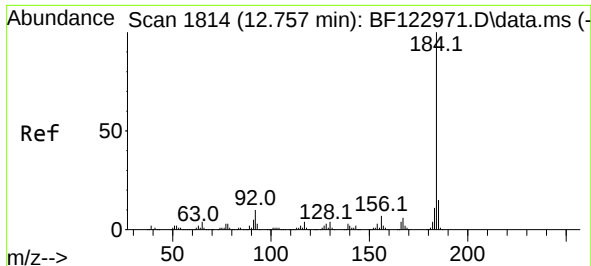
Tgt Ion:248 Resp: 28962
Ion Ratio Lower Upper
248 100
250 196.0 76.8 115.2#
141 574.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF122997.D
Acq: 18 Jan 2021 20:32

Tgt Ion:240 Resp: 396452
Ion Ratio Lower Upper
240 100
120 15.8 8.6 12.8#
236 26.1 20.3 30.5

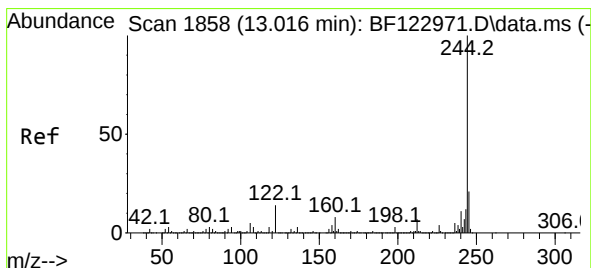
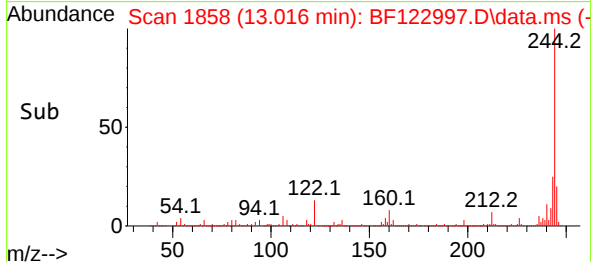
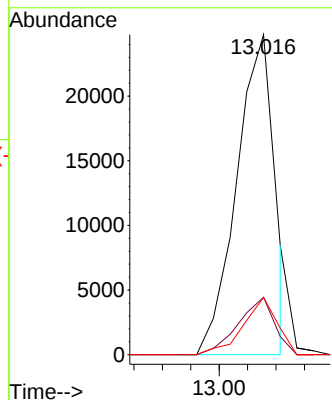
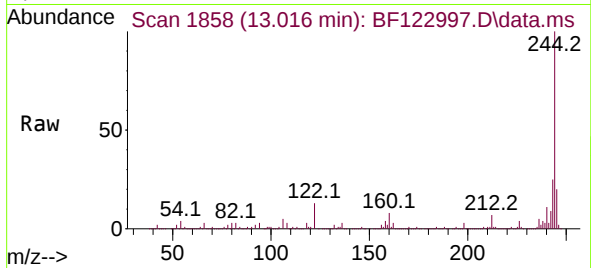




#77
Benzidine
Concen: 2.20 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.259 min
Lab File: BF122997.D
Acq: 18 Jan 2021 20:32

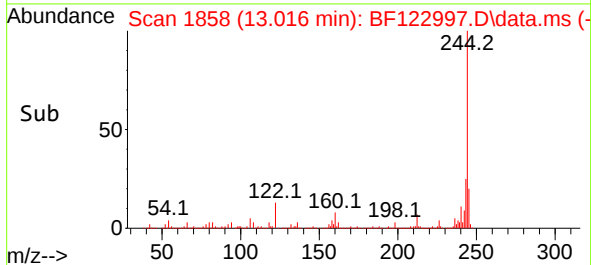
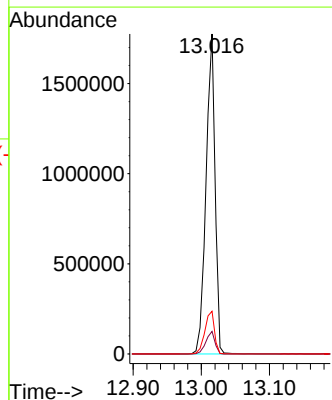
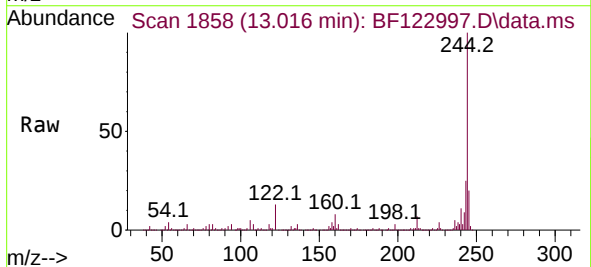
Instrument :
BNA_F
ClientSampleId :
T872-T871

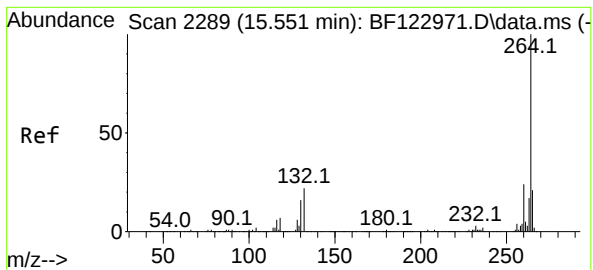
Tgt Ion:184 Resp: 23082
Ion Ratio Lower Upper
184 100
185 17.9 11.8 17.6#
183 17.9 9.7 14.5#



#79
Terphenyl-d14
Concen: 75.85 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BF122997.D
Acq: 18 Jan 2021 20:32

Tgt Ion:244 Resp: 1640110
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 13.3 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: BF122997.D
 Acq: 18 Jan 2021 20:32

Instrument :
 BNA_F
 ClientSampleId :
 T872-T871

Tgt Ion:264 Resp: 360478

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.3	17.0	25.6

