

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
 Data File : BF124677.D
 Acq On : 21 Jul 2021 23:34
 Operator : JU/CG
 Sample : M3089-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R99997-(A-D)-(0-3)

Quant Time: Jul 22 01:31:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 16:08:04 2021
 Response via : Initial Calibration

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

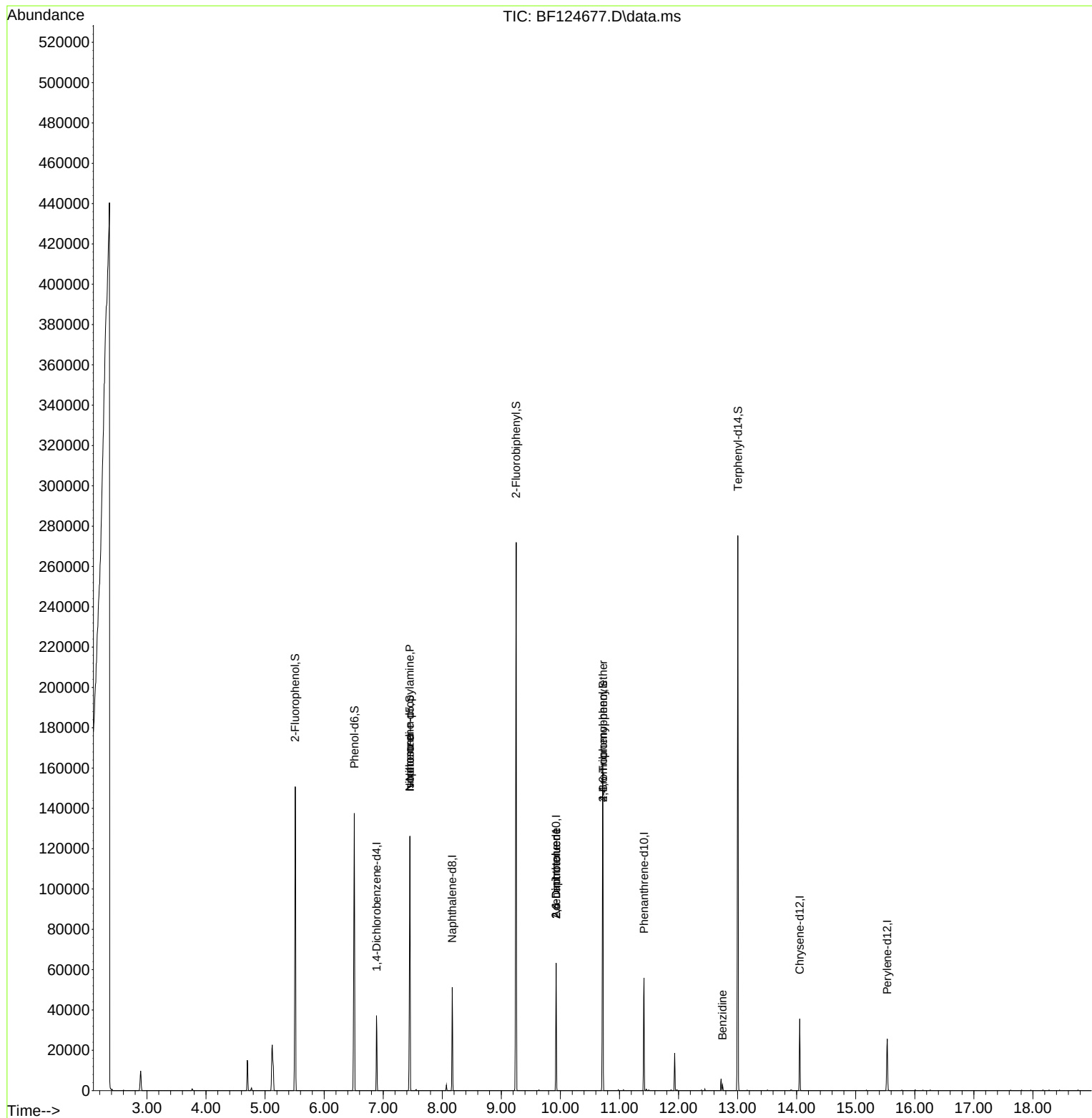
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	5627	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	21732	20.00	ng	0.00
39) Acenaphthene-d10	9.928	164	12072	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	20993	20.00	ng	0.00
76) Chrysene-d12	14.051	240	13252	20.00	ng	-0.01
86) Perylene-d12	15.533	264	13254	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	43811	134.90	ng	0.00
7) Phenol-d6	6.510	99	47020	119.01	ng	-0.01
23) Nitrobenzene-d5	7.451	82	35419	102.89	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	16172	172.15	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	82312	99.43	ng	0.00
79) Terphenyl-d14	13.004	244	89785	113.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	4723	21.26	ng	Qvalue # 77
25) Isophorone	7.451	82	35418	56.04	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	1440	8.70	ng	# 26
57) 2,4-Dinitrotoluene	9.928	165	1440	6.35	ng	# 18
67) 4-Bromophenyl-phenylether	10.722	248	1195	5.50	ng	# 1
77) Benzidine	12.745	184	1679	3.39	ng	# 82

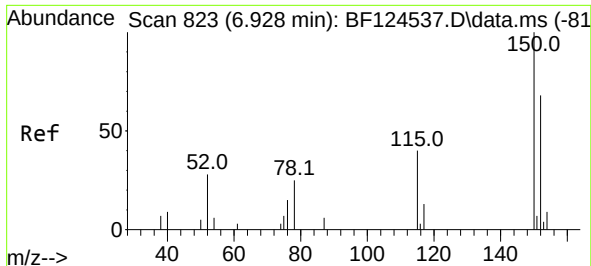
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
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R99997-(A-D)-(0-3)

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QLast Update : Wed Jul 21 16:08:04 2021
Response via : Initial Calibration

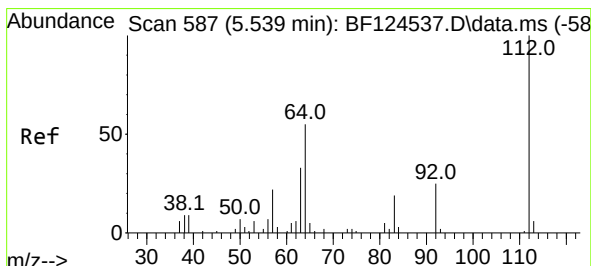
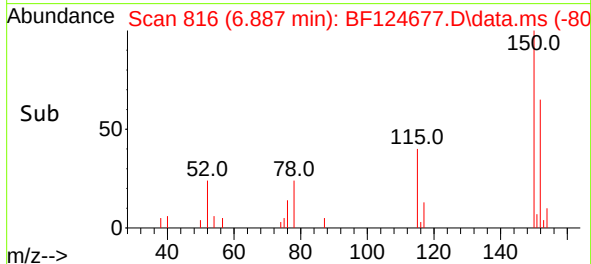
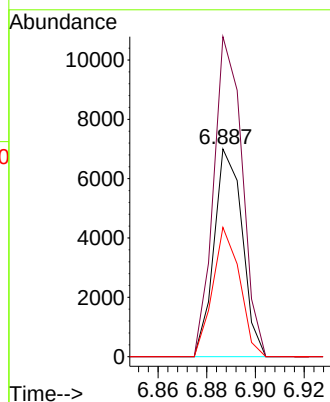
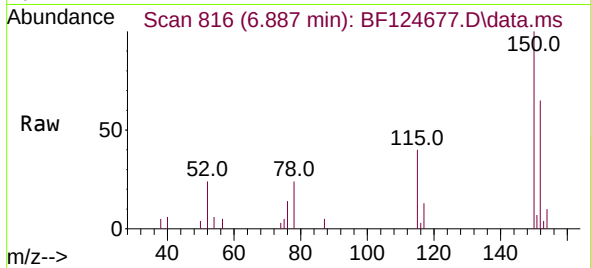




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF124677.D
Acq: 21 Jul 2021 23:34

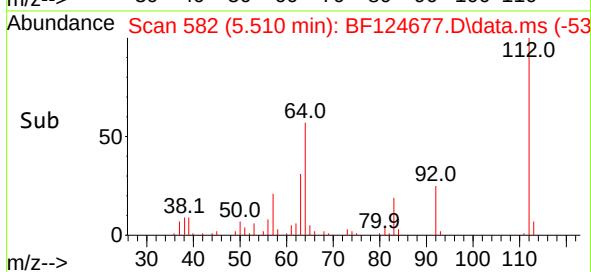
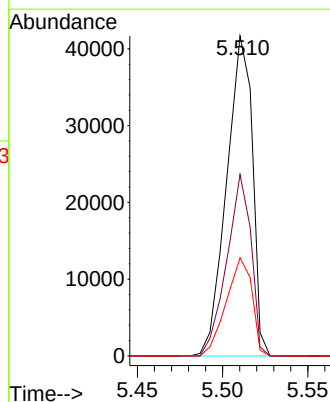
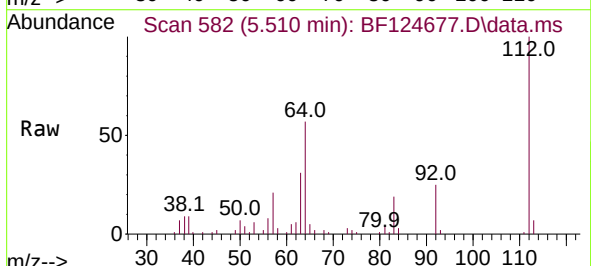
Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

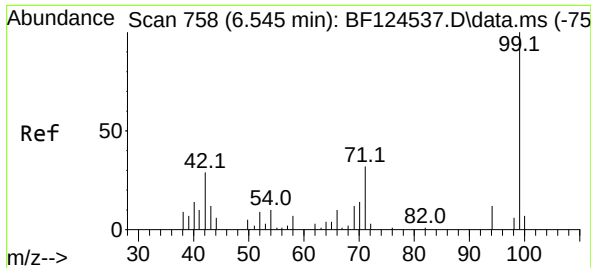
Tgt Ion:152 Resp: 5627
Ion Ratio Lower Upper
152 100
150 154.1 117.6 176.4
115 62.2 47.1 70.7



#5
2-Fluorophenol
Concen: 134.90 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF124677.D
Acq: 21 Jul 2021 23:34

Tgt Ion:112 Resp: 43811
Ion Ratio Lower Upper
112 100
64 56.7 44.2 66.2
63 30.6 26.2 39.2

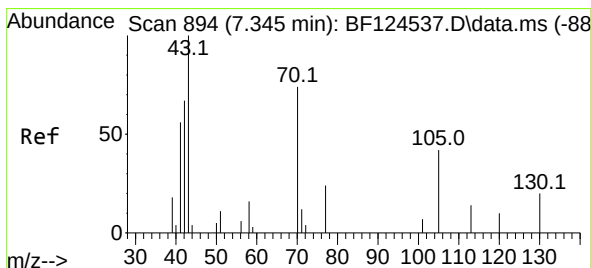
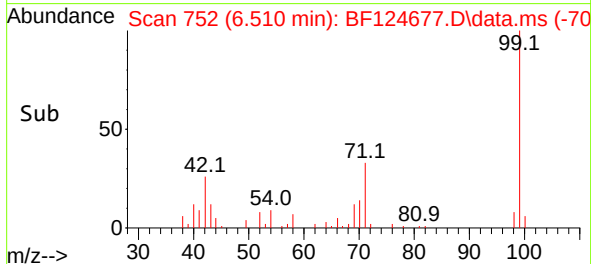
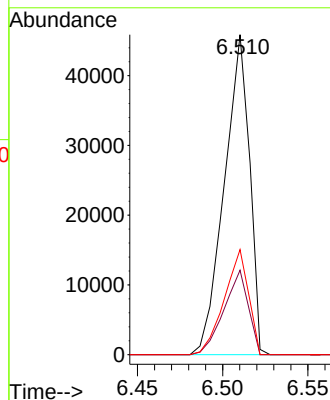
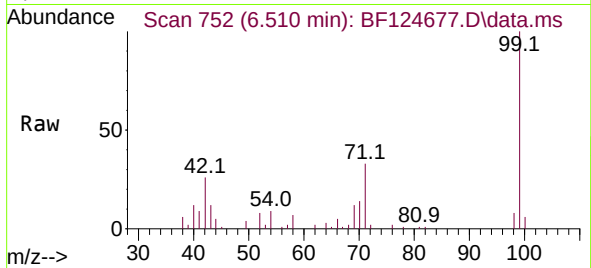




#7
Phenol-d6
Concen: 119.01 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF124677.D
Acq: 21 Jul 2021 23:34

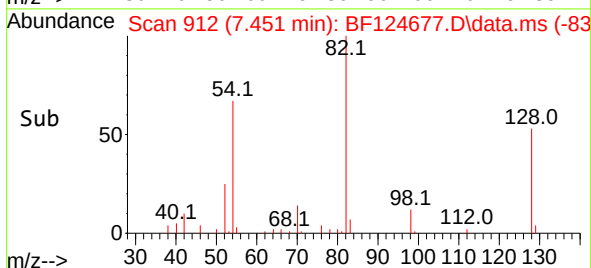
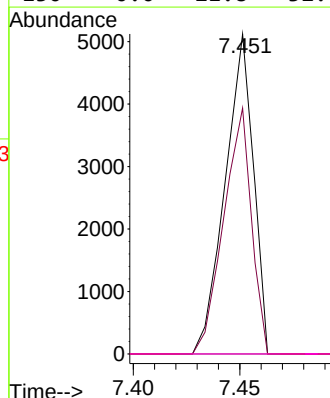
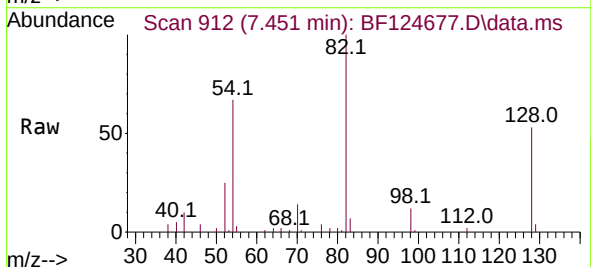
Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

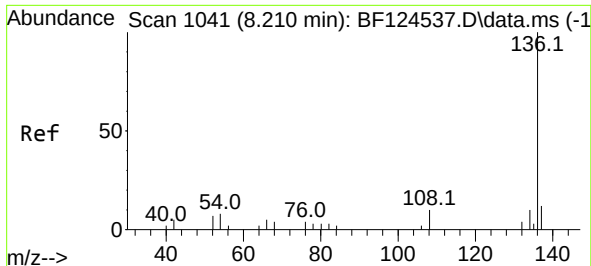
Tgt Ion: 99 Resp: 47020
Ion Ratio Lower Upper
99 100
42 26.4 23.5 35.3
71 32.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.26 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF124677.D
Acq: 21 Jul 2021 23:34

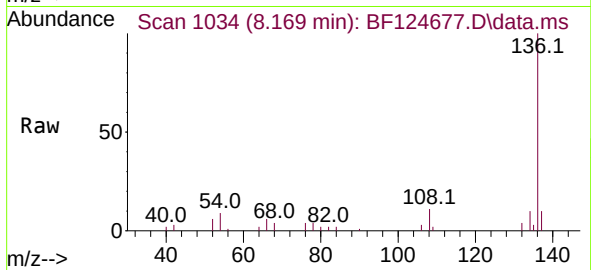
Tgt Ion: 70 Resp: 4723
Ion Ratio Lower Upper
70 100
42 76.8 72.2 108.2
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



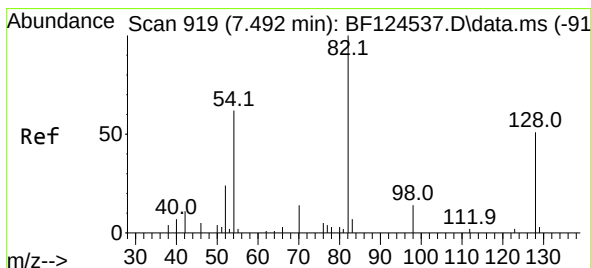
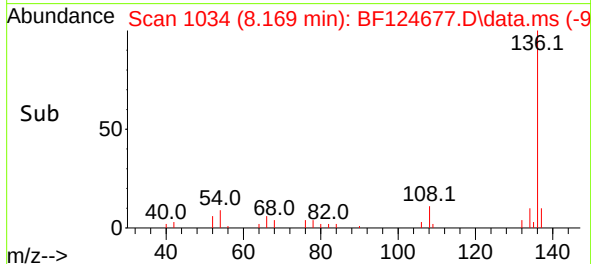
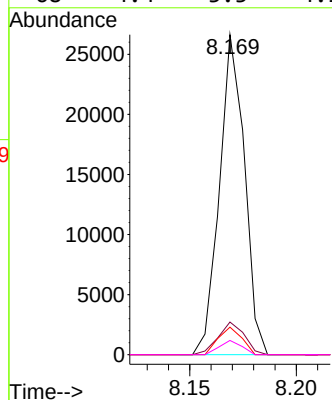


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF124677.D
Acq: 21 Jul 2021 23:34

Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

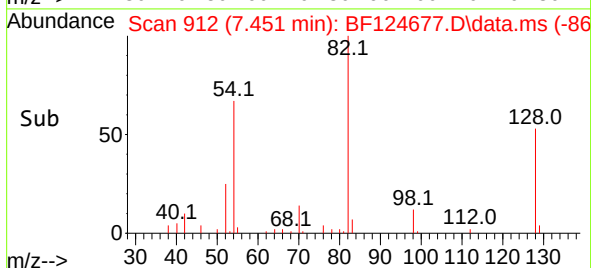
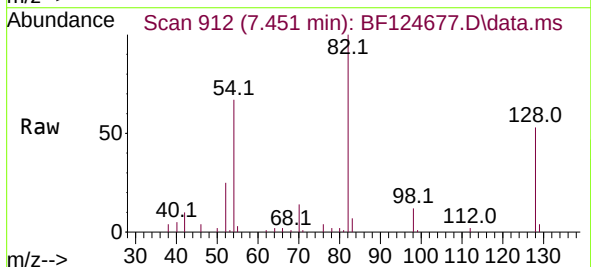
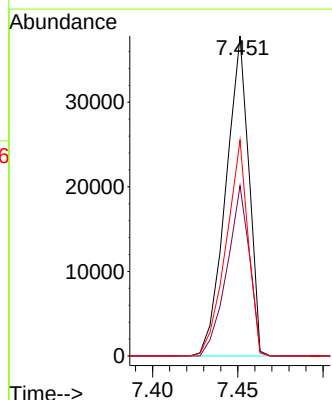


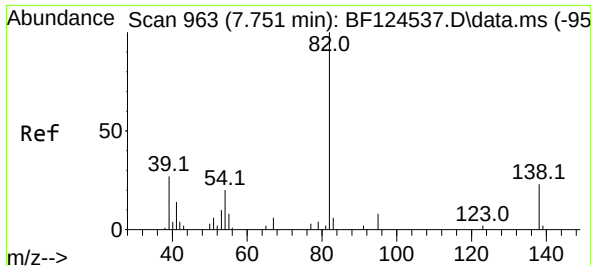
Tgt Ion:	136	Resp:	21732
Ion Ratio	Lower	Upper	
136	100		
137	10.2	9.8	14.6
54	8.6	6.4	9.6
68	4.4	3.3	4.9



#23
Nitrobenzene-d5
Concen: 102.89 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF124677.D
Acq: 21 Jul 2021 23:34

Tgt Ion:	82	Resp:	35419
Ion Ratio	Lower	Upper	
82	100		
128	53.2	40.6	60.8
54	67.4	49.6	74.4

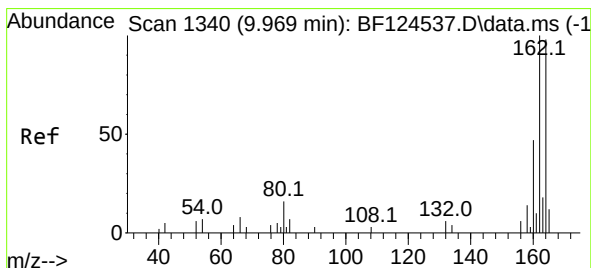
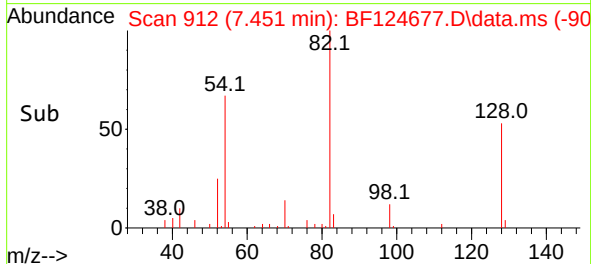
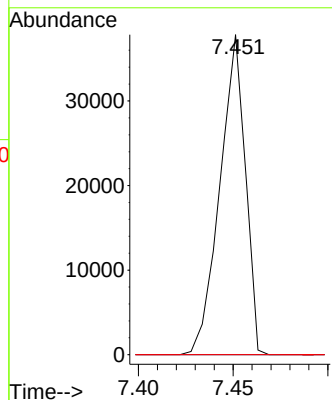
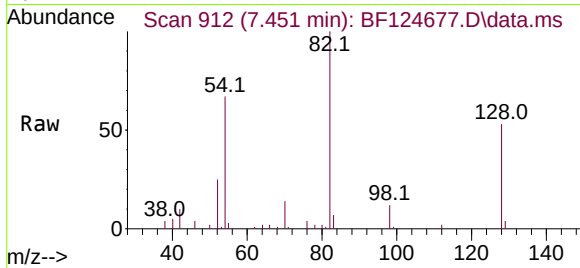




#25
Isophorone
Concen: 56.04 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.264 min
Lab File: BF124677.D
Acq: 21 Jul 2021 23:34

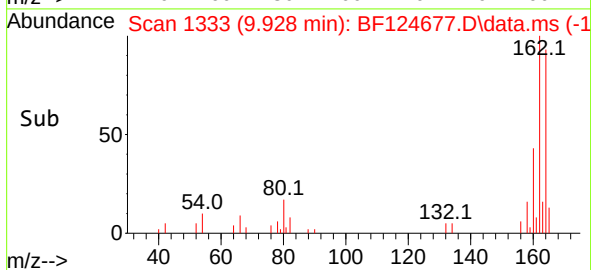
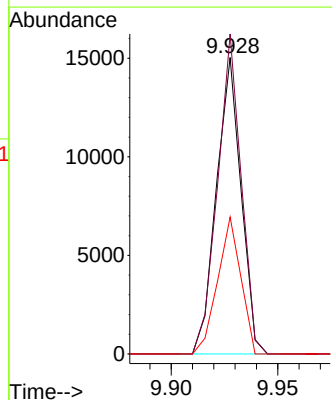
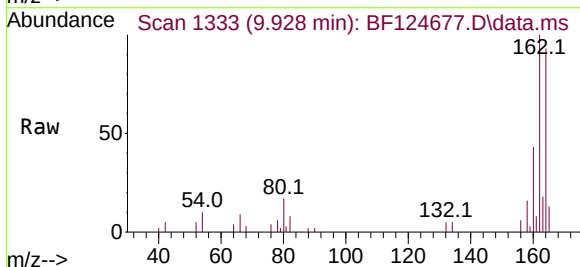
Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

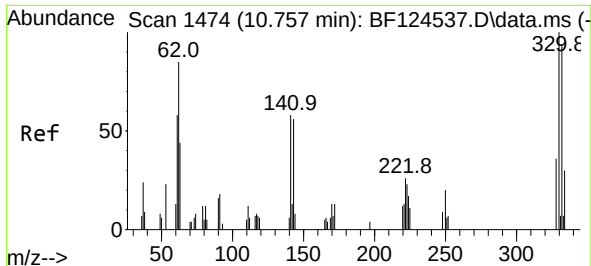
Tgt Ion: 82 Resp: 35418
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124677.D
Acq: 21 Jul 2021 23:34

Tgt Ion: 164 Resp: 12072
Ion Ratio Lower Upper
164 100
162 108.0 81.3 121.9
160 46.2 38.0 57.0

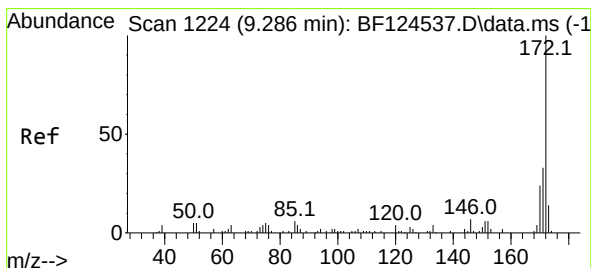
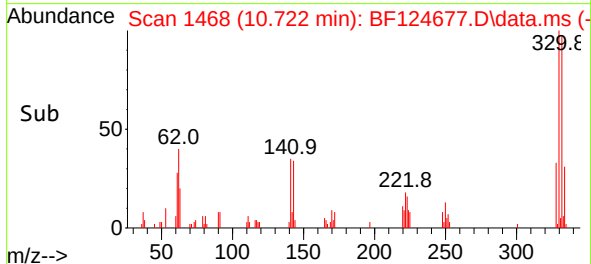
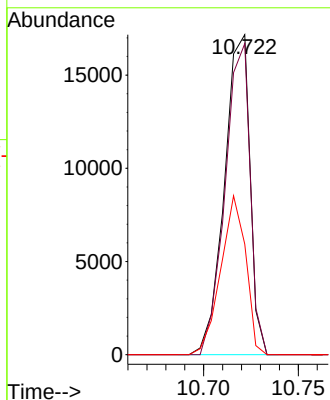
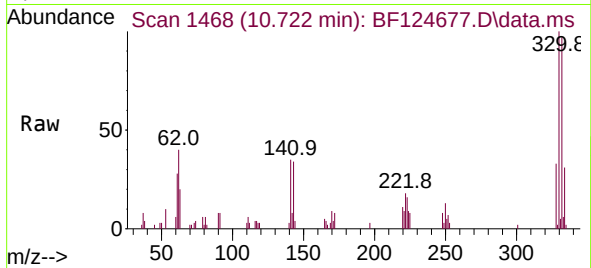




#42
2,4,6-Tribromophenol
Concen: 172.15 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF124677.D
Acq: 21 Jul 2021 23:34

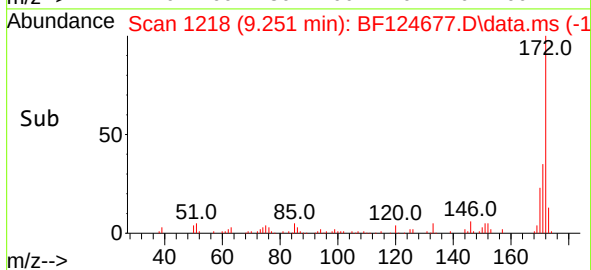
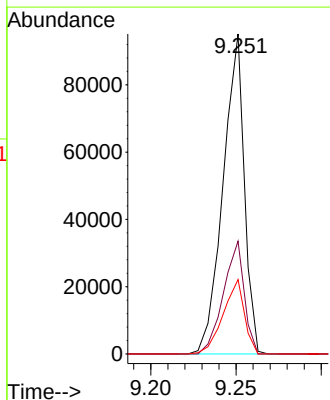
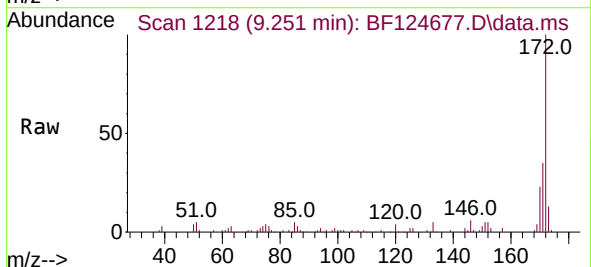
Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

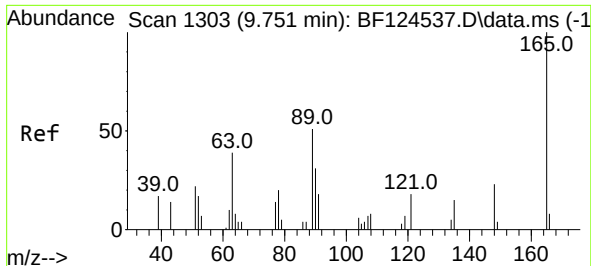
Tgt Ion: 330 Resp: 16172
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 48.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 99.43 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF124677.D
Acq: 21 Jul 2021 23:34

Tgt Ion: 172 Resp: 82312
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.3 18.8 28.2

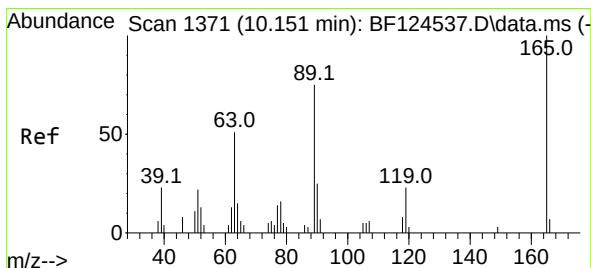
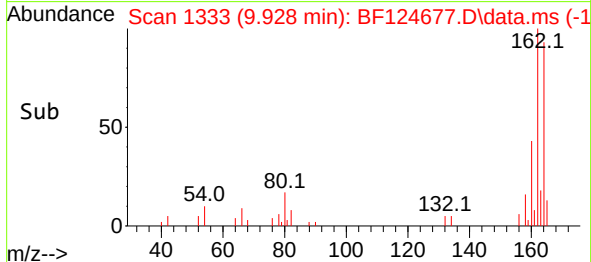
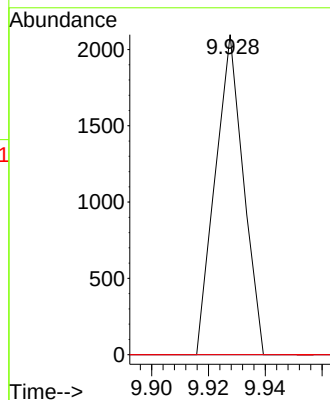
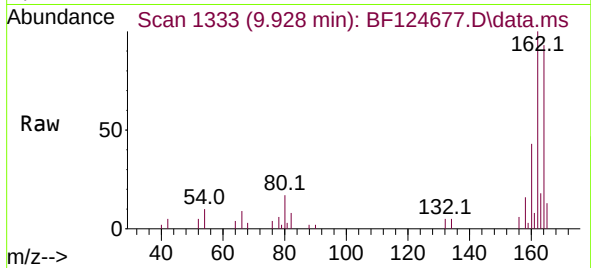




#51
2,6-Dinitrotoluene
Concen: 8.70 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF124677.D
Acq: 21 Jul 2021 23:34

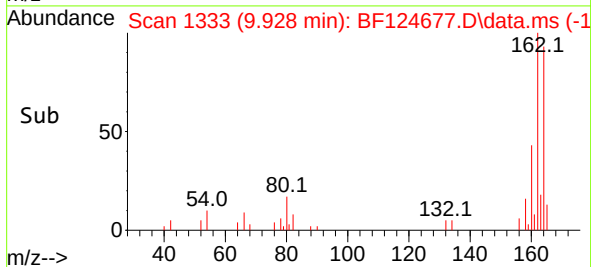
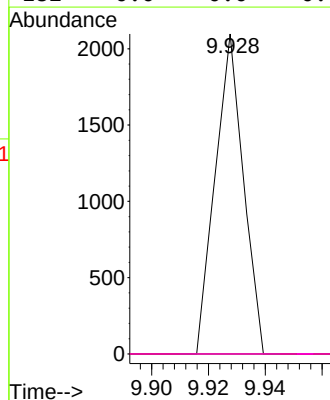
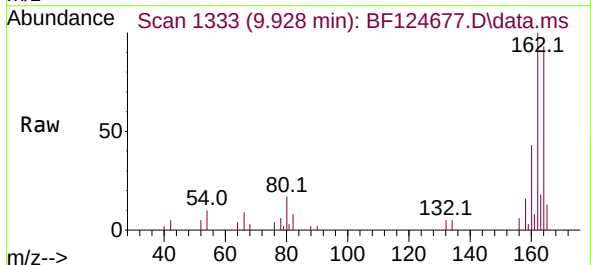
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BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

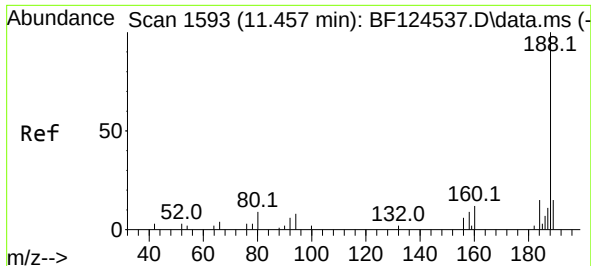
Tgt Ion:165 Resp: 1440
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.35 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124677.D
Acq: 21 Jul 2021 23:34

Tgt Ion:165 Resp: 1440
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

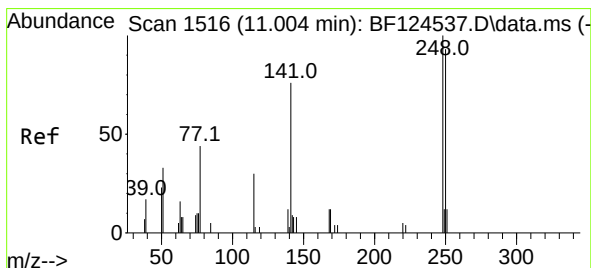
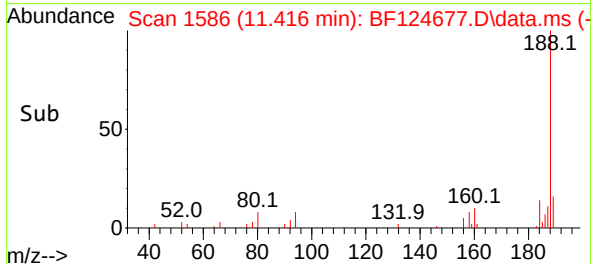
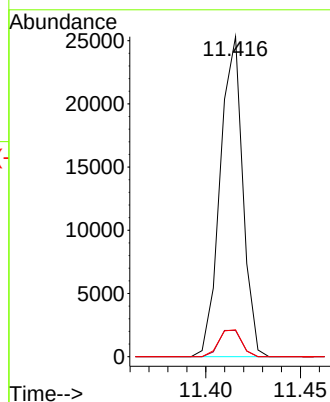
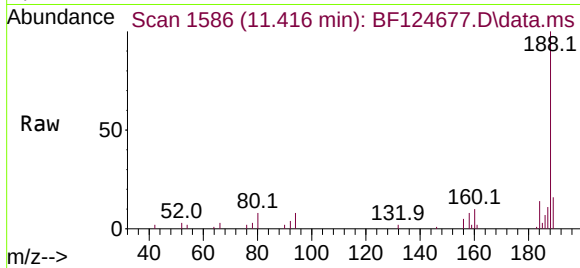




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124677.D
Acq: 21 Jul 2021 23:34

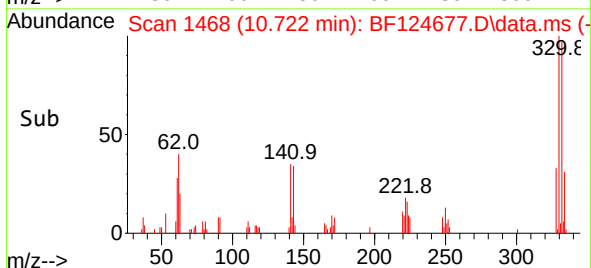
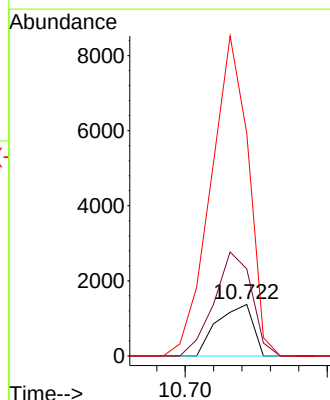
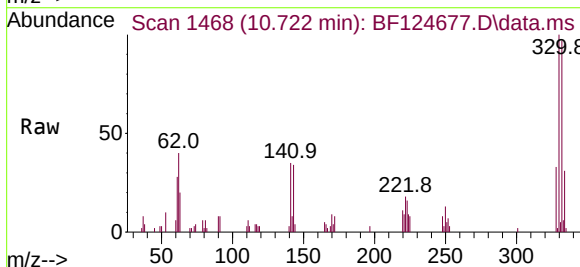
Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

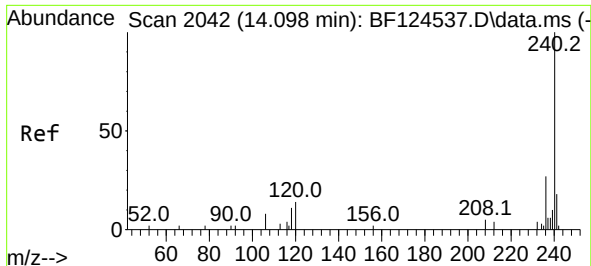
Tgt Ion:188	Resp:	20993
Ion Ratio	Lower	Upper
188	100	
94	8.2	6.7 10.1
80	8.4	7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.50 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF124677.D
Acq: 21 Jul 2021 23:34

Tgt Ion:248	Resp:	1195
Ion Ratio	Lower	Upper
248	100	
250	168.6	74.2 111.4#
141	431.8	60.4 90.6#

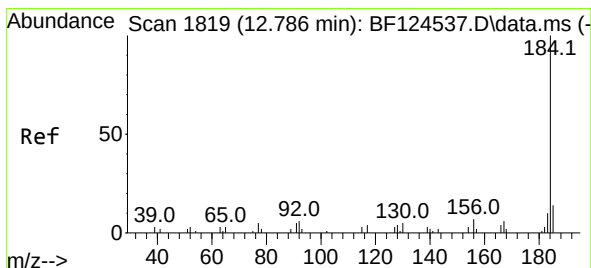
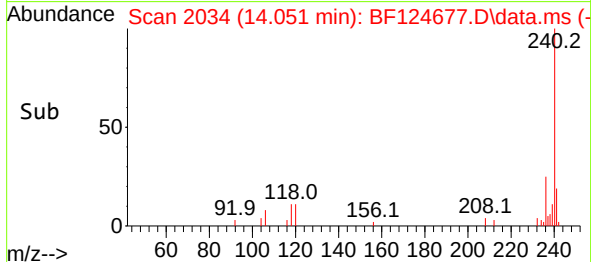
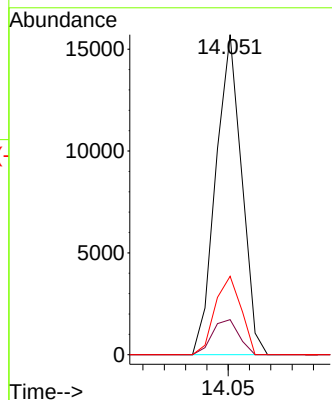
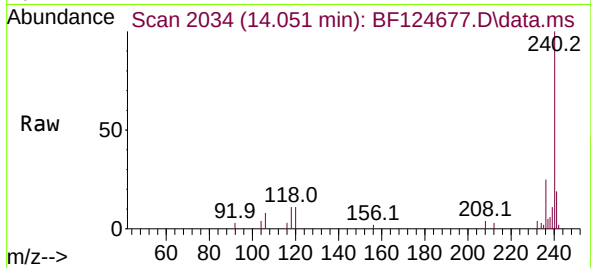




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF124677.D
Acq: 21 Jul 2021 23:34

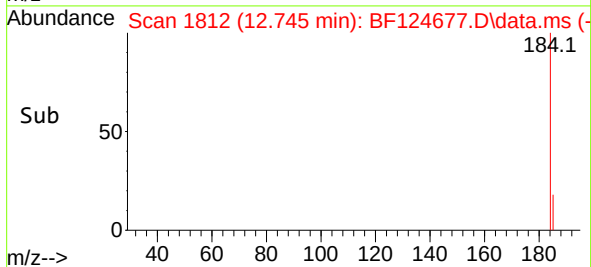
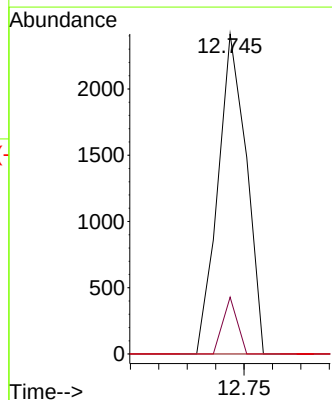
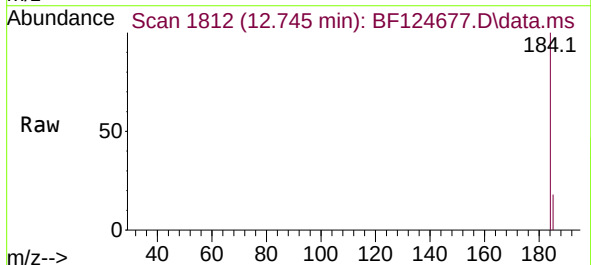
Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

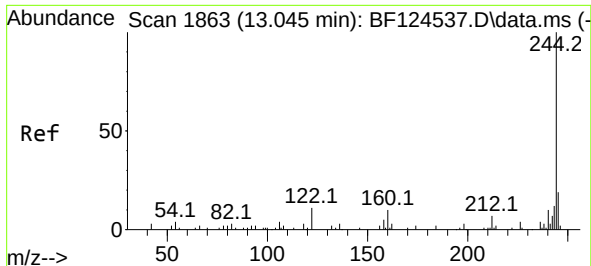
Tgt Ion:240 Resp: 13252
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 24.5 21.6 32.4



#77
Benzidine
Concen: 3.39 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF124677.D
Acq: 21 Jul 2021 23:34

Tgt Ion:184 Resp: 1679
Ion Ratio Lower Upper
184 100
185 17.8 10.8 16.2#
183 0.0 8.1 12.1#

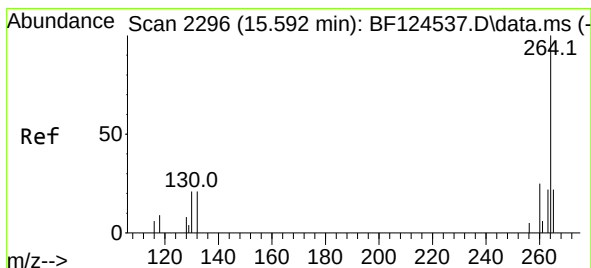
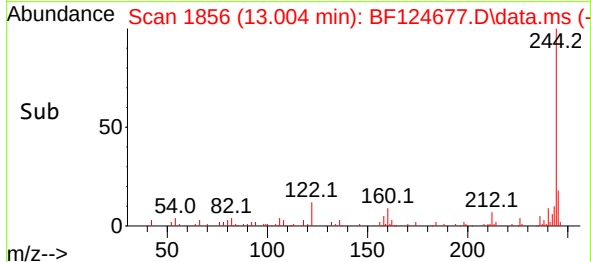
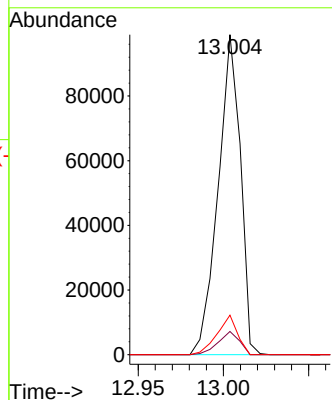
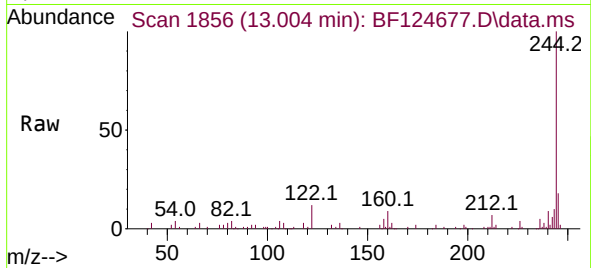




#79
Terphenyl-d14
Concen: 113.77 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF124677.D
Acq: 21 Jul 2021 23:34

Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

Tgt Ion:244 Resp: 89785
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.3 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.533 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BF124677.D
Acq: 21 Jul 2021 23:34

Tgt Ion:264 Resp: 13254
Ion Ratio Lower Upper
264 100
260 23.2 19.6 29.4
265 19.4 17.2 25.8

