

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124070.D
 Acq On : 26 May 2021 18:31
 Operator : JU/CG
 Sample : PB136675BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136675BL

Quant Time: May 27 04:52:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

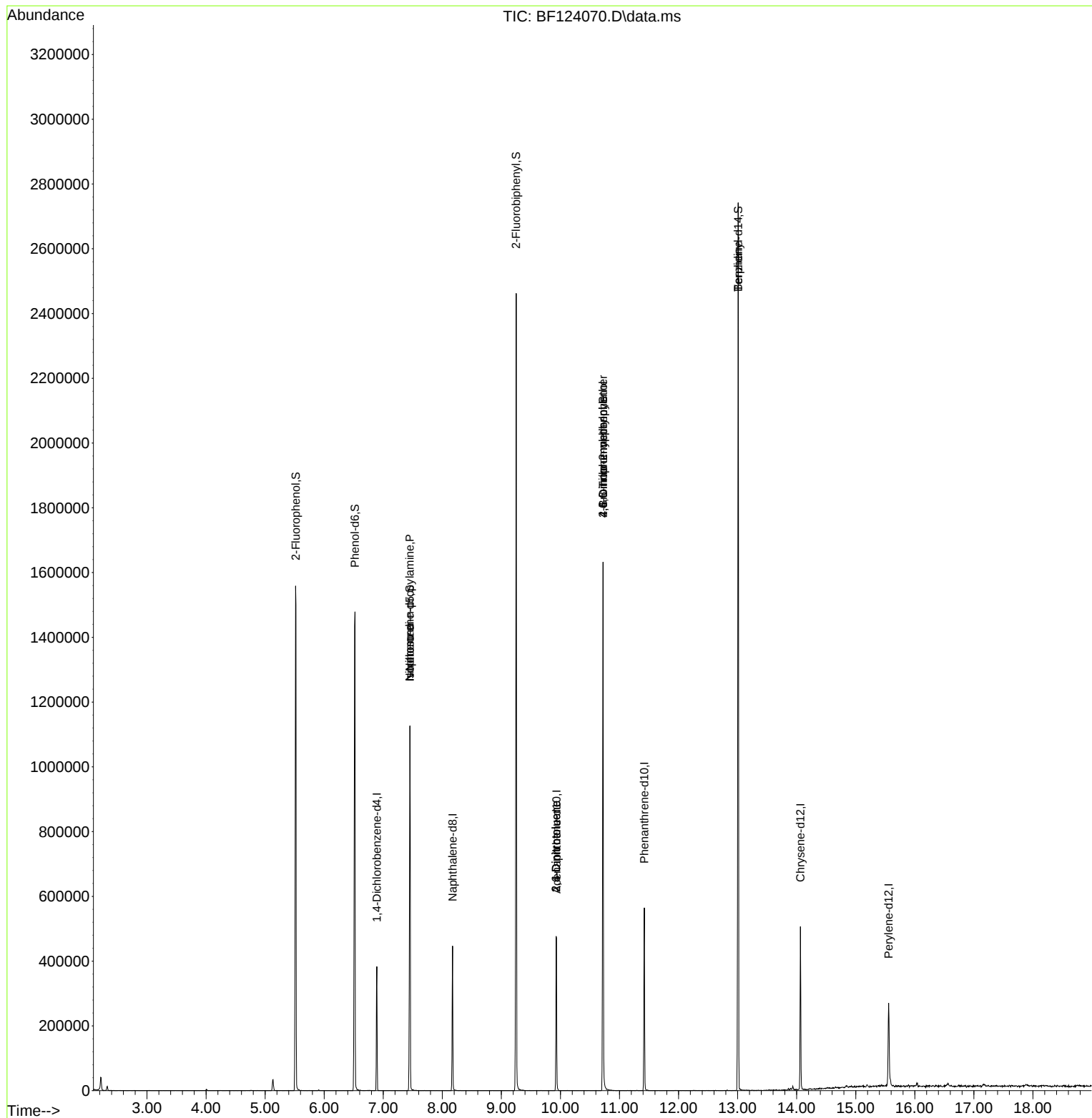
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	43428	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	172059	20.00	ng	-0.01
39) Acenaphthene-d10	9.933	164	96960	20.00	ng	-0.01
64) Phenanthrene-d10	11.421	188	188784	20.00	ng	0.00
76) Chrysene-d12	14.062	240	155340	20.00	ng	0.00
86) Perylene-d12	15.556	264	121610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	379856	122.81	ng	0.01
7) Phenol-d6	6.522	99	464528	115.77	ng	0.00
23) Nitrobenzene-d5	7.451	82	358721	89.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	162302	139.37	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	647737	82.21	ng	-0.01
79) Terphenyl-d14	13.010	244	829627	80.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	52229	19.26	ng	# 70
25) Isophorone	7.451	82	358715	46.69	ng	# 69
51) 2,6-Dinitrotoluene	9.927	165	12696	8.11	ng	# 12
57) 2,4-Dinitrotoluene	9.927	165	12696	6.61	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.721	198	451	5.77	ng	# 1
67) 4-Bromophenyl-phenylether	10.721	248	10138	4.09	ng	# 1
77) Benzidine	13.010	184	14230	3.80	ng	# 93

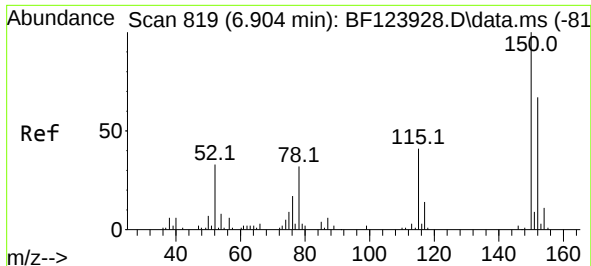
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
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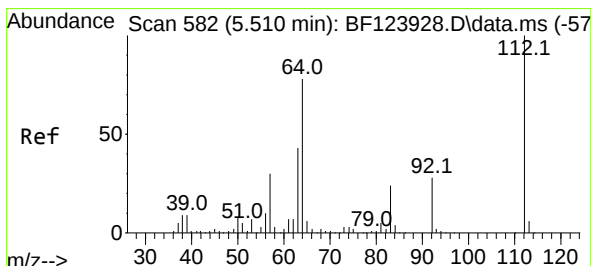
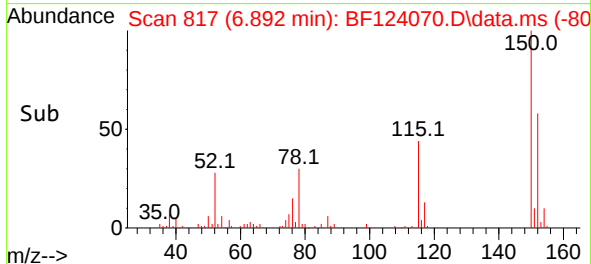
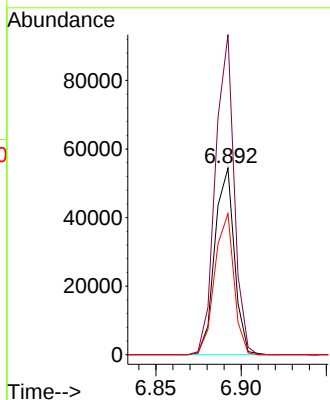
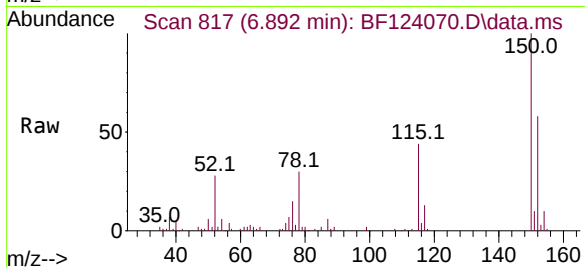




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124070.D
Acq: 26 May 2021 18:31

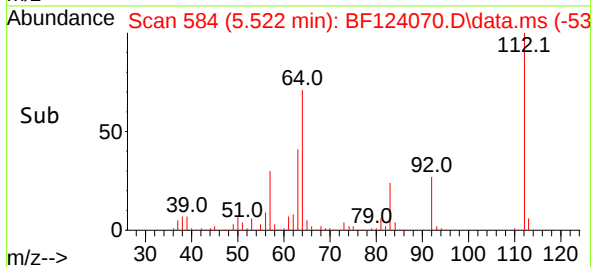
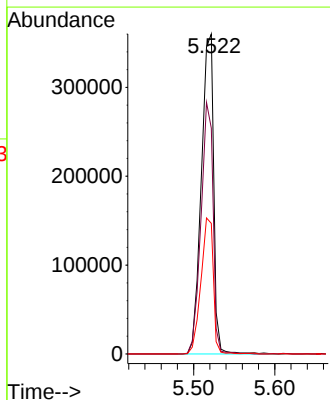
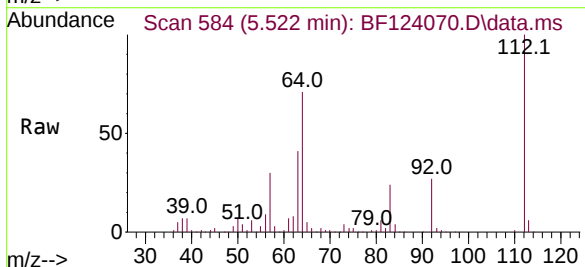
Instrument :
BNA_F
ClientSampleId :
PB136675BL

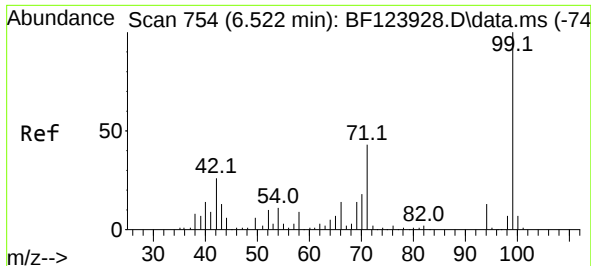
Tgt Ion:152 Resp: 43428
Ion Ratio Lower Upper
152 100
150 171.6 127.0 190.6
115 75.6 54.3 81.5



#5
2-Fluorophenol
Concen: 122.81 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF124070.D
Acq: 26 May 2021 18:31

Tgt Ion:112 Resp: 379856
Ion Ratio Lower Upper
112 100
64 70.6 61.4 92.0
63 40.8 33.0 49.4

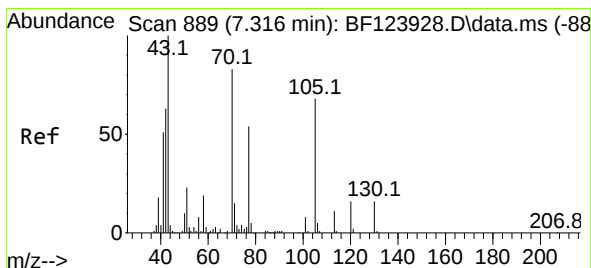
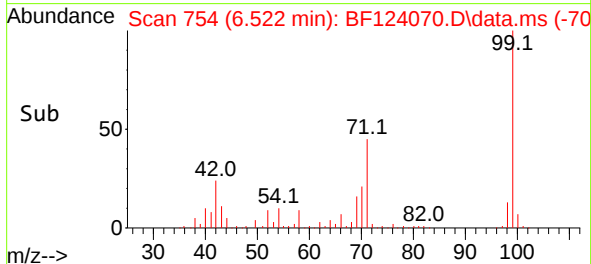
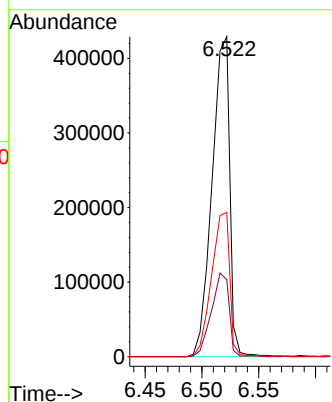
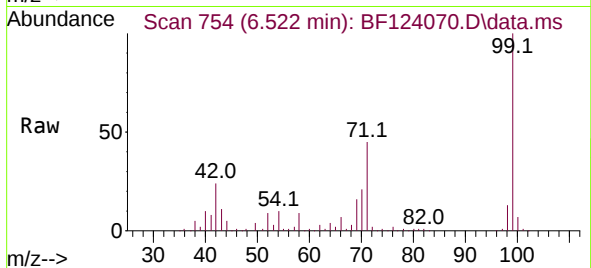




#7
Phenol-d6
Concen: 115.77 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF124070.D
Acq: 26 May 2021 18:31

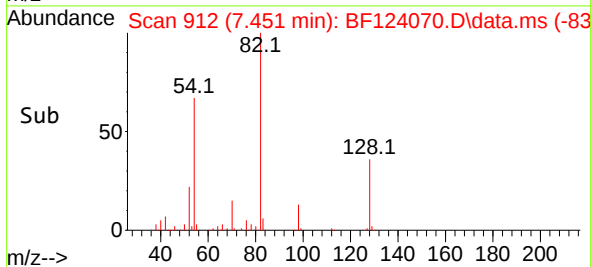
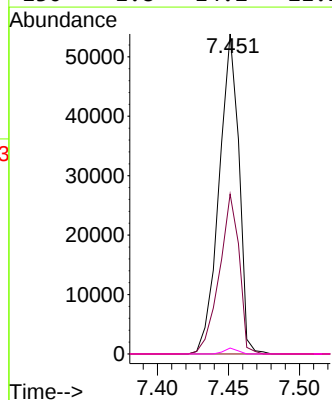
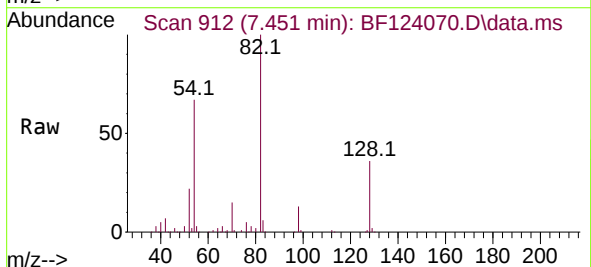
Instrument :
BNA_F
ClientSampleId :
PB136675BL

Tgt Ion: 99 Resp: 464528
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.8
71 45.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.26 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF124070.D
Acq: 26 May 2021 18:31

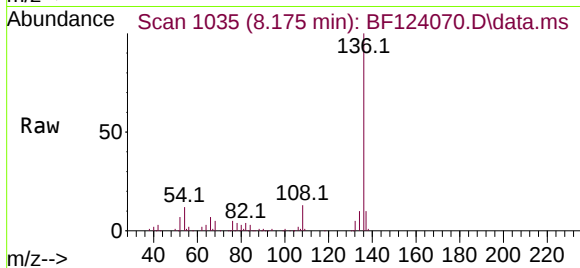
Tgt Ion: 70 Resp: 52229
Ion Ratio Lower Upper
70 100
42 50.0 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#



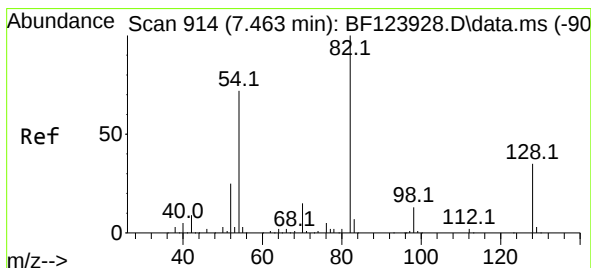
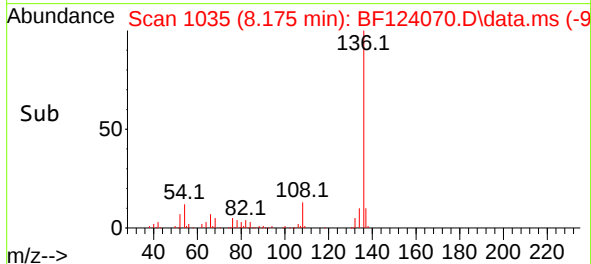
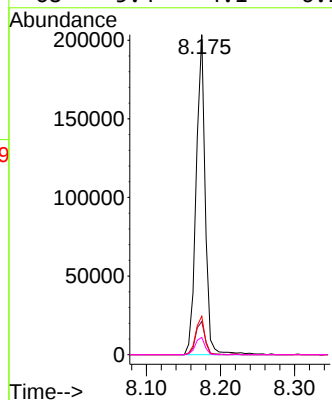


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124070.D
Acq: 26 May 2021 18:31

Instrument :
BNA_F
ClientSampleId :
PB136675BL

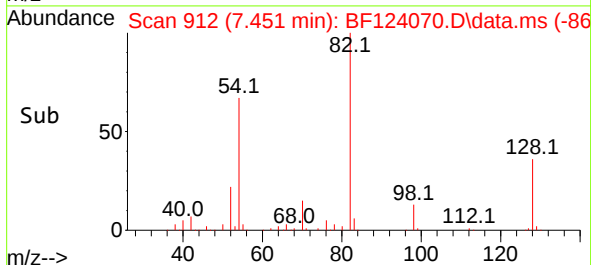
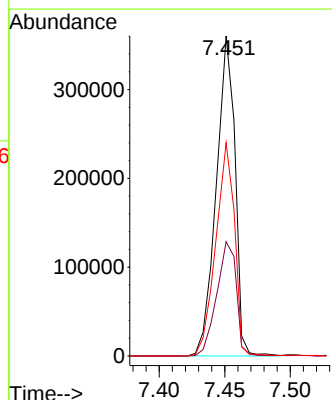
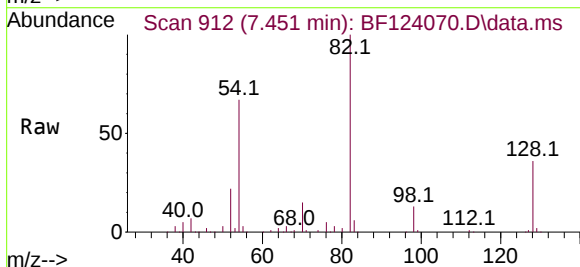


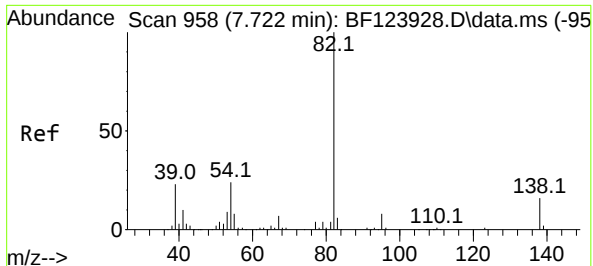
Tgt Ion:136 Resp: 172059
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 12.1 9.8 14.6
68 5.4 4.1 6.1



#23
Nitrobenzene-d5
Concen: 89.83 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124070.D
Acq: 26 May 2021 18:31

Tgt Ion: 82 Resp: 358721
Ion Ratio Lower Upper
82 100
128 35.7 29.4 44.2
54 66.6 54.1 81.1

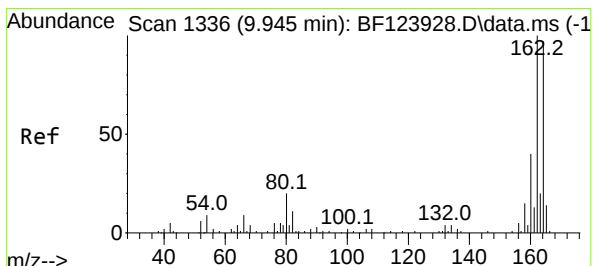
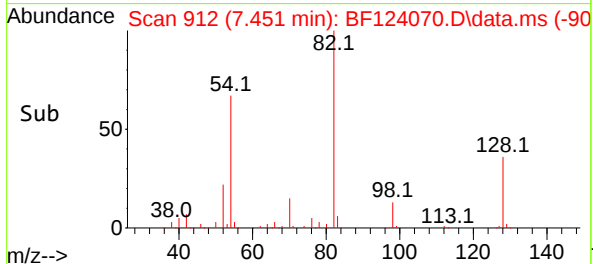
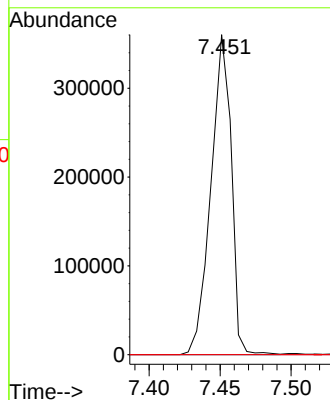
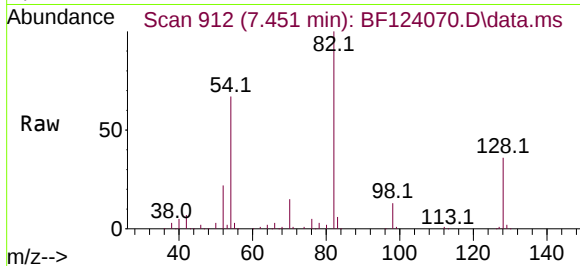




#25
Isophorone
Concen: 46.69 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.271 min
Lab File: BF124070.D
Acq: 26 May 2021 18:31

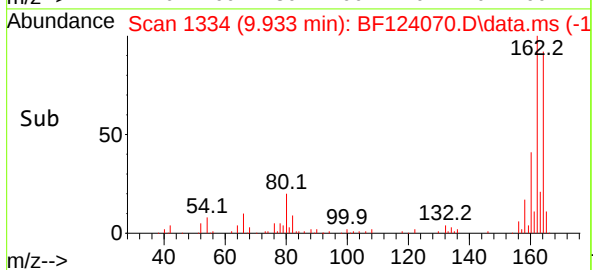
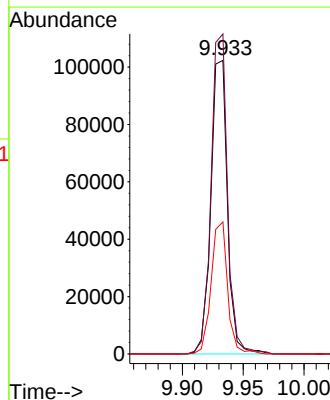
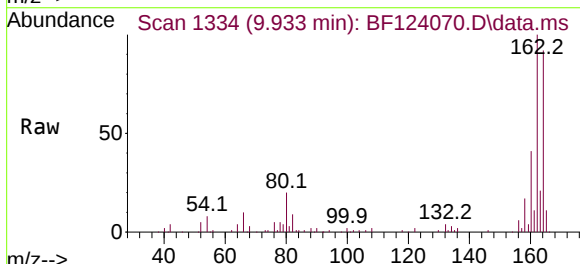
Instrument :
BNA_F
ClientSampleId :
PB136675BL

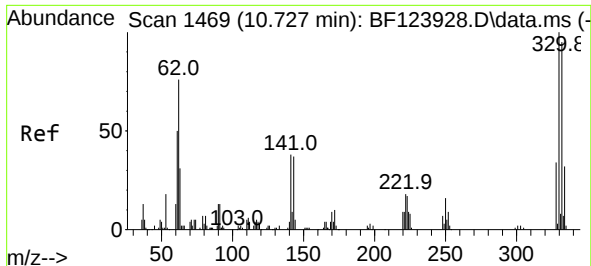
Tgt Ion: 82 Resp: 358715
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124070.D
Acq: 26 May 2021 18:31

Tgt Ion: 164 Resp: 96960
Ion Ratio Lower Upper
164 100
162 109.0 80.7 121.1
160 45.0 37.3 55.9

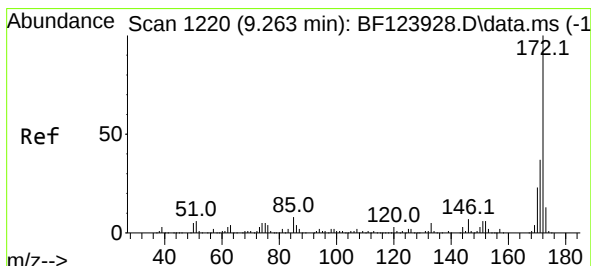
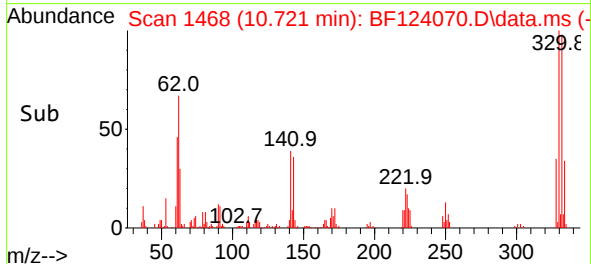
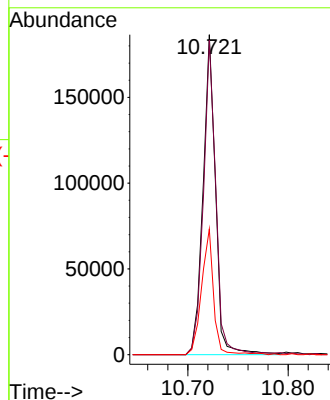
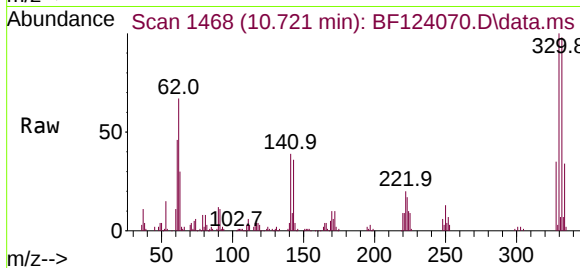




#42
2,4,6-Tribromophenol
Concen: 139.37 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124070.D
Acq: 26 May 2021 18:31

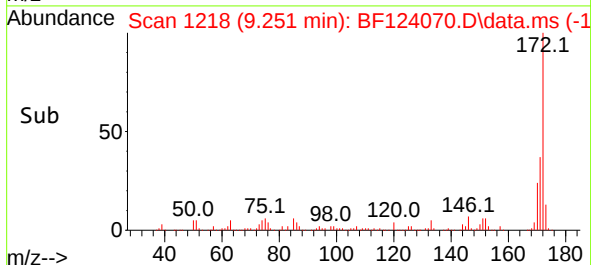
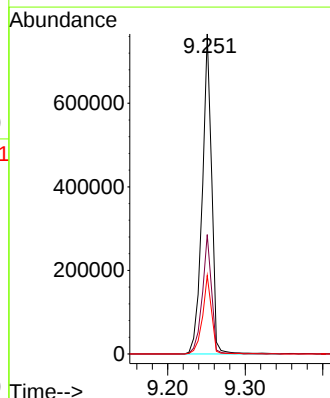
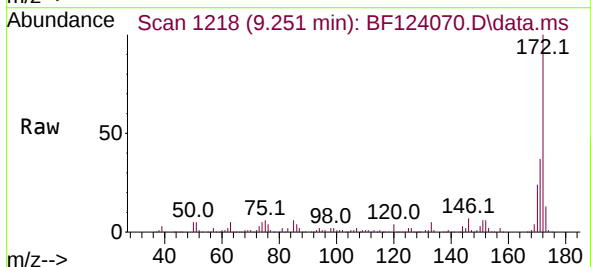
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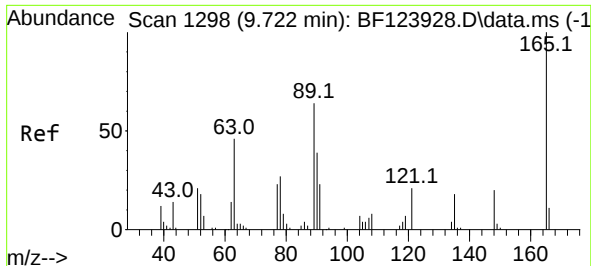
Tgt Ion: 330 Resp: 162302
Ion Ratio Lower Upper
330 100
332 98.9 77.1 115.7
141 37.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 82.21 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124070.D
Acq: 26 May 2021 18:31

Tgt Ion: 172 Resp: 647737
Ion Ratio Lower Upper
172 100
171 37.3 28.1 42.1
170 24.5 19.2 28.8

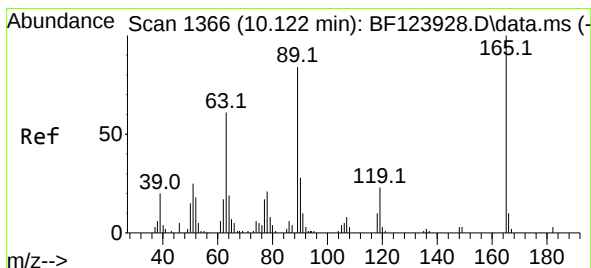
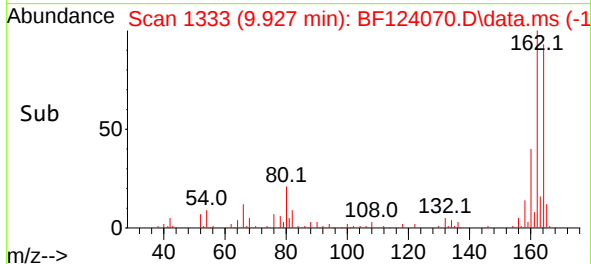
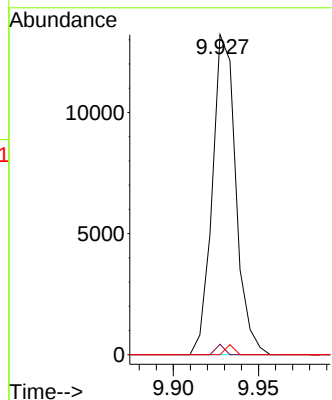
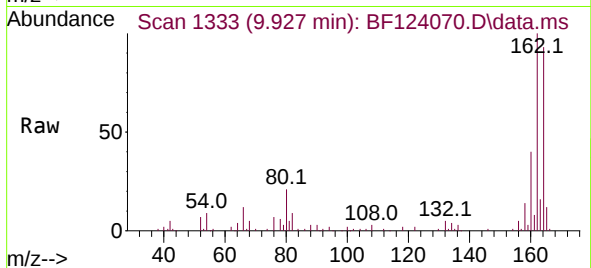




#51
2,6-Dinitrotoluene
Concen: 8.11 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF124070.D
Acq: 26 May 2021 18:31

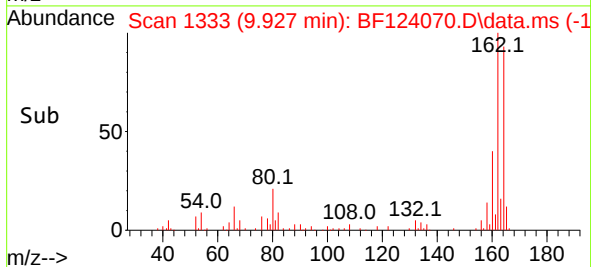
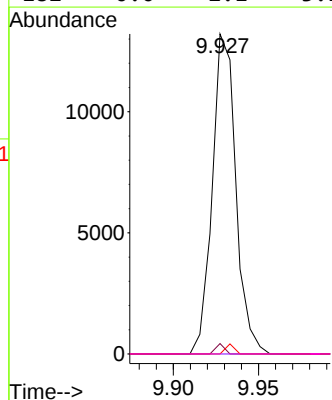
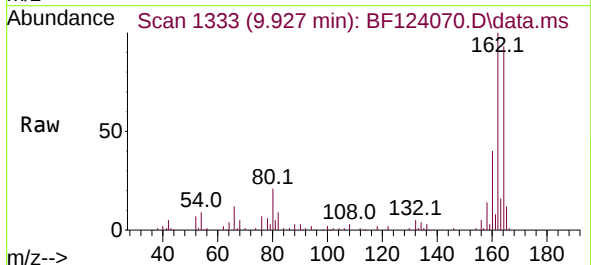
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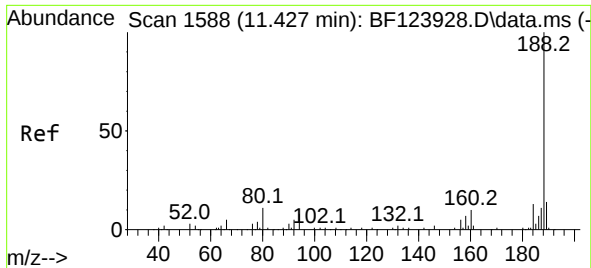
Tgt Ion:165 Resp: 12696
Ion Ratio Lower Upper
165 100
63 3.2 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.61 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124070.D
Acq: 26 May 2021 18:31

Tgt Ion:165 Resp: 12696
Ion Ratio Lower Upper
165 100
63 3.2 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

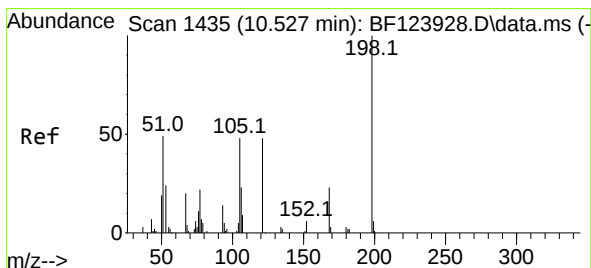
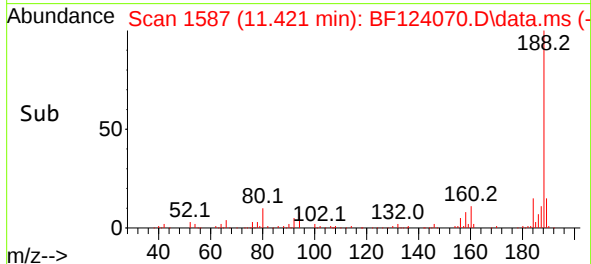
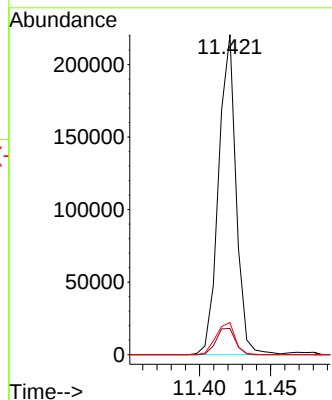
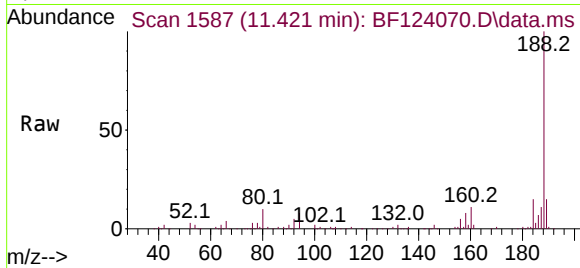




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124070.D
Acq: 26 May 2021 18:31

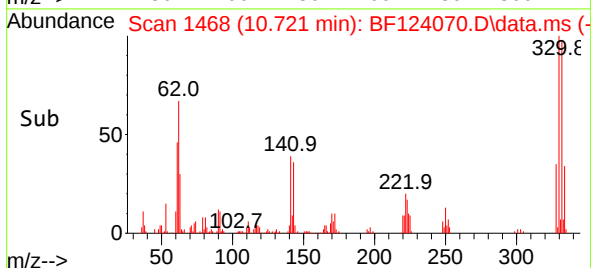
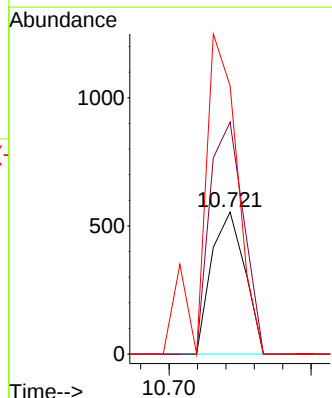
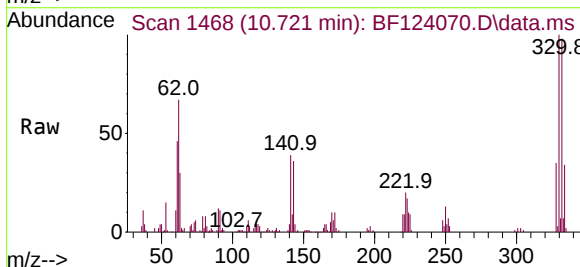
Instrument :
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ClientSampleId :
PB136675BL

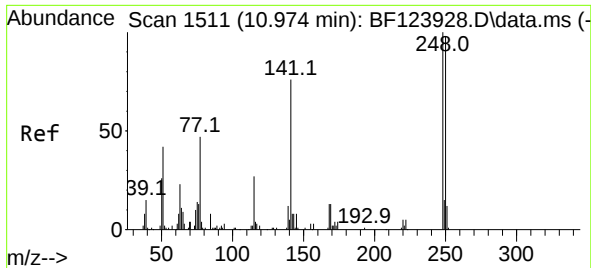
Tgt Ion:188 Resp: 188784
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 10.1 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.77 ng
RT: 10.721 min Scan# 1468
Delta R.T. 0.194 min
Lab File: BF124070.D
Acq: 26 May 2021 18:31

Tgt Ion:198 Resp: 451
Ion Ratio Lower Upper
198 100
51 163.4 64.8 104.8#
105 188.8 42.6 82.6#

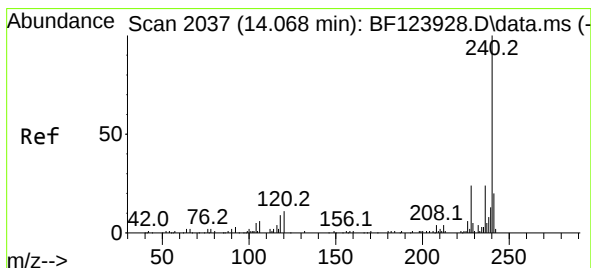
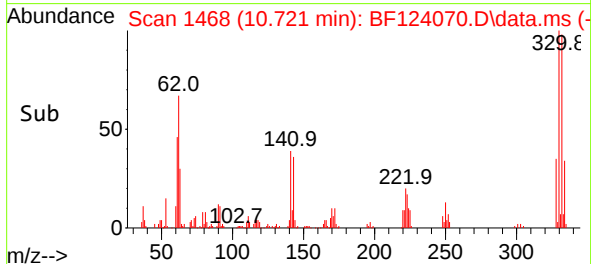
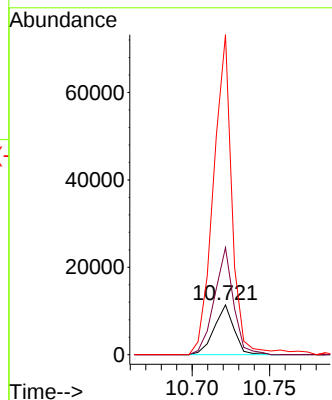
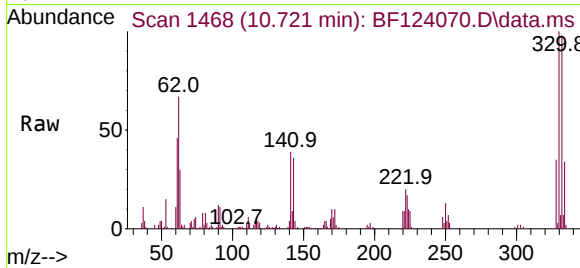




#67
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.253 min
Lab File: BF124070.D
Acq: 26 May 2021 18:31

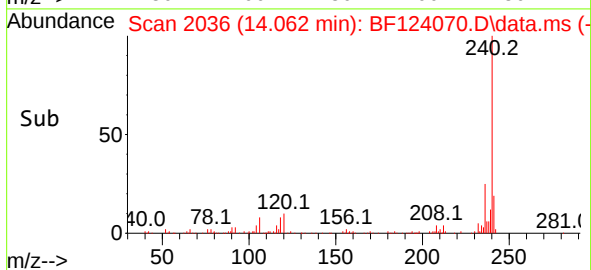
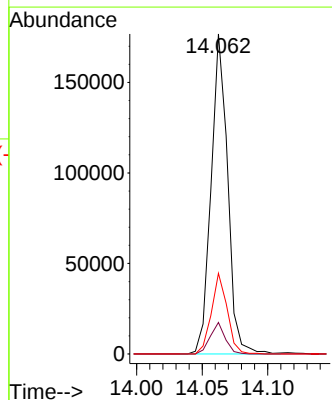
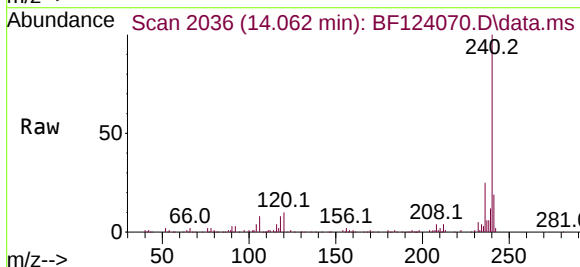
Instrument :
BNA_F
ClientSampleId :
PB136675BL

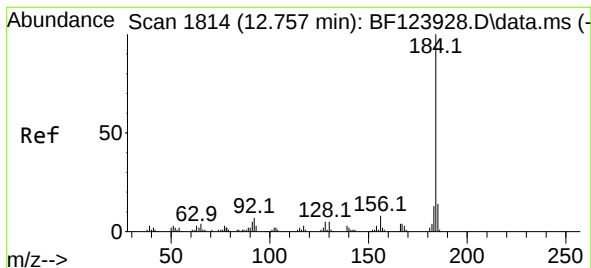
Tgt Ion:248 Resp: 10138
Ion Ratio Lower Upper
248 100
250 214.8 77.4 116.2#
141 642.0 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124070.D
Acq: 26 May 2021 18:31

Tgt Ion:240 Resp: 155340
Ion Ratio Lower Upper
240 100
120 9.8 7.2 10.8
236 25.2 19.0 28.4





#77

Benzidine

Concen: 3.80 ng

RT: 13.010 min Scan# 1857

Delta R.T. 0.253 min

Lab File: BF124070.D

Acq: 26 May 2021 18:31

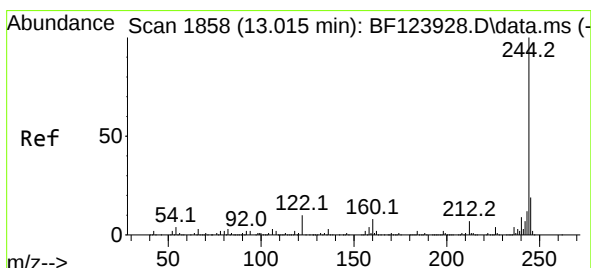
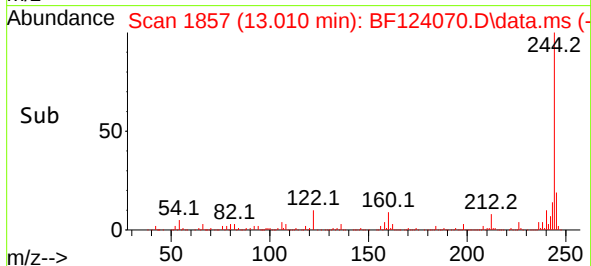
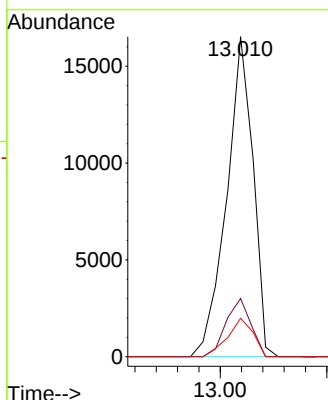
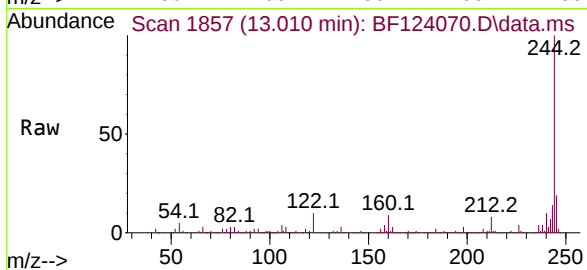
Instrument :

BNA_F

ClientSampleId :

PB136675BL

Tgt Ion:184	Resp:	14230
Ion Ratio	Lower	Upper
184	100	
185	18.2	12.1 18.1#
183	12.0	7.8 11.8#



#79

Terphenyl-d14

Concen: 80.89 ng

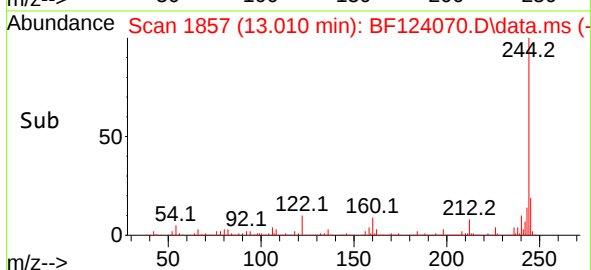
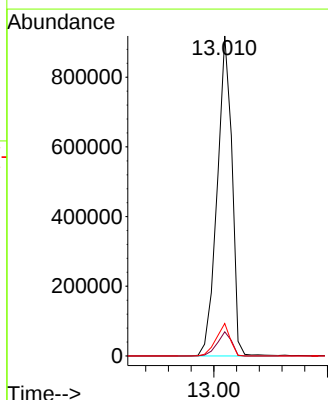
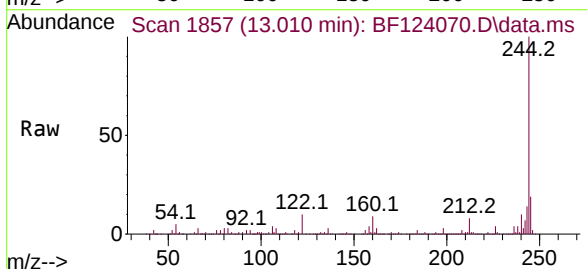
RT: 13.010 min Scan# 1857

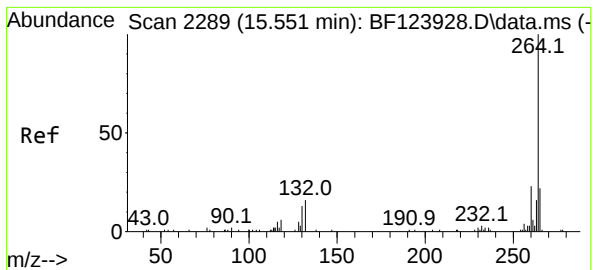
Delta R.T. -0.006 min

Lab File: BF124070.D

Acq: 26 May 2021 18:31

Tgt Ion:244	Resp:	829627
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.7 8.5
122	10.1	9.7 14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.556 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF124070.D
Acq: 26 May 2021 18:31

Instrument :
BNA_F
ClientSampleId :
PB136675BL

Tgt Ion:264	Resp:	121610
Ion Ratio	Lower	Upper
264	100	
260	22.3	18.7 28.1
265	21.5	17.8 26.8

