

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
 Data File : BF123064.D
 Acq On : 28 Jan 2021 17:37
 Operator : JU/CG
 Sample : M1262-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JTY2-WC-S-1-1.0-6.0

Quant Time: Jan 28 23:41:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 28 00:48:07 2021
 Response via : Initial Calibration

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

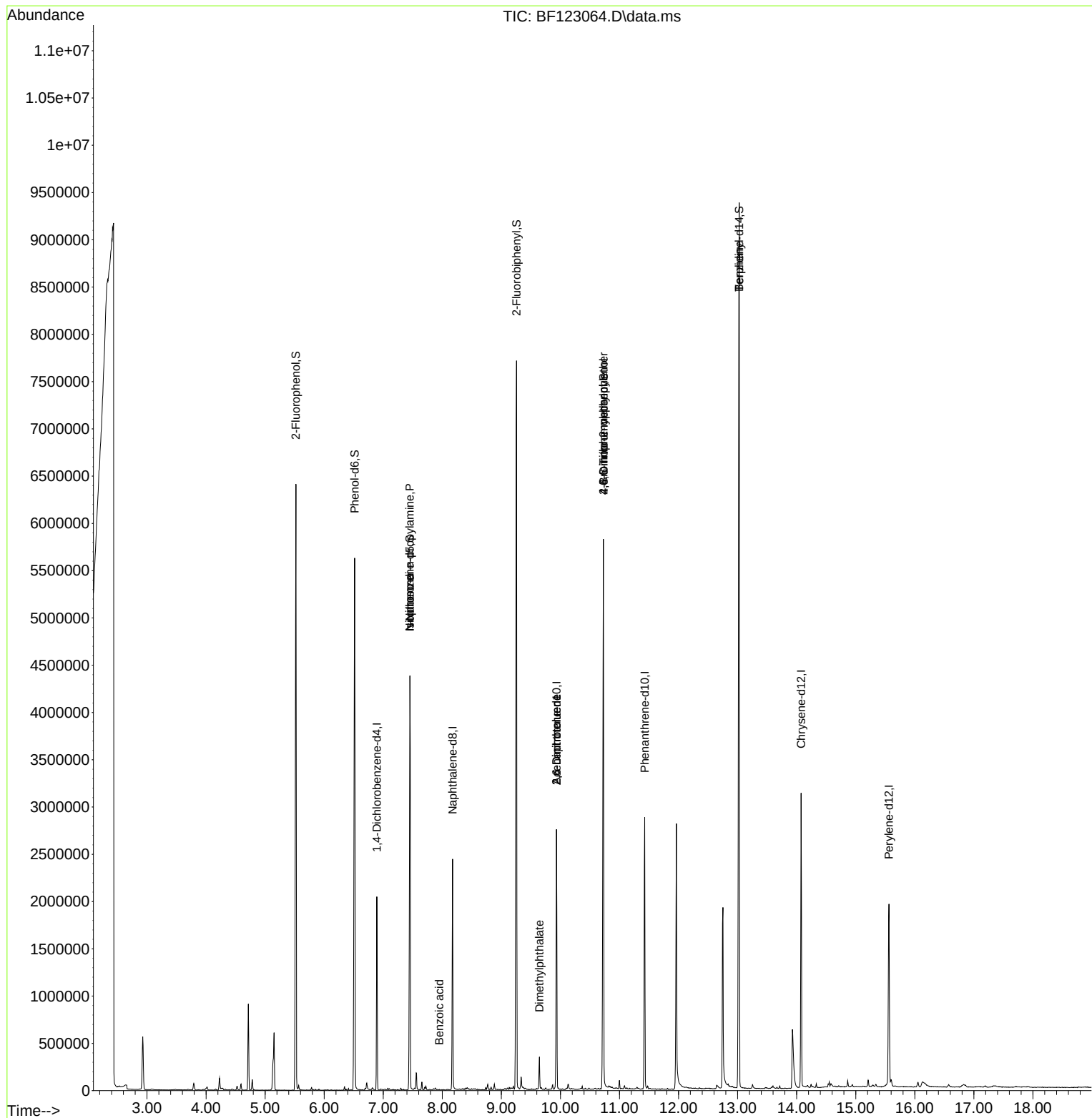
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	265048	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	1027720	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	559030	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	1044531	20.00	ng	0.00
76) Chrysene-d12	14.074	240	1002294	20.00	ng	-0.01
86) Perylene-d12	15.562	264	866557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1934770	112.60	ng	0.02
7) Phenol-d6	6.516	99	2314011	99.36	ng	0.00
23) Nitrobenzene-d5	7.451	82	1600593	78.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	809143	133.33	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2749661	73.12	ng	0.00
79) Terphenyl-d14	13.027	244	3453613	67.70	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	219284	15.66	ng	# 81
25) Isophorone	7.451	82	1598300	42.73	ng	# 65
32) Benzoic acid	7.951	122	1193	5.00	ng	# 49
50) Dimethylphthalate	9.645	163	133046	3.03	ng	99
51) 2,6-Dinitrotoluene	9.933	165	72458	7.76	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	72458	5.96	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	1797	5.26	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	52874	3.97	ng	# 1
77) Benzidine	13.027	184	46355	2.04	ng	# 91

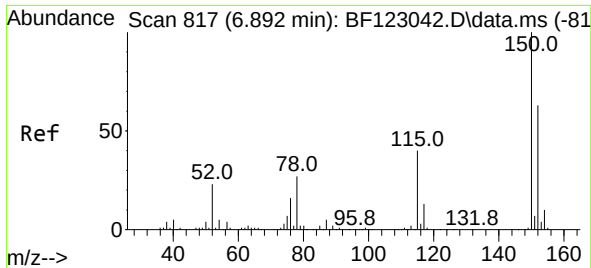
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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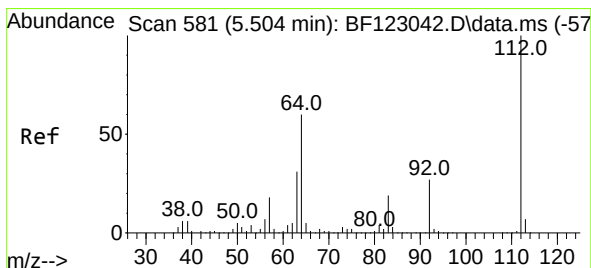
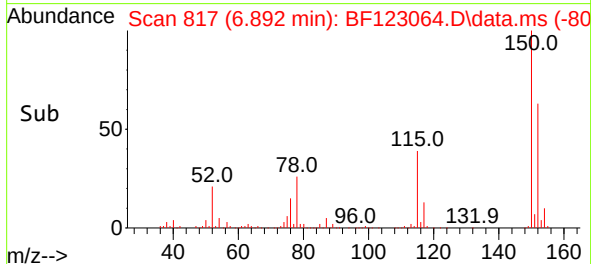
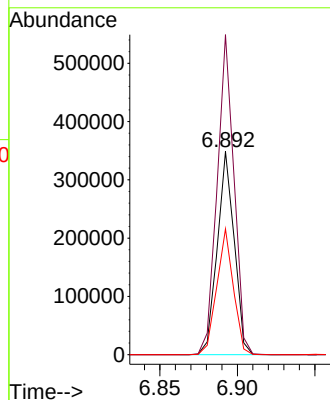
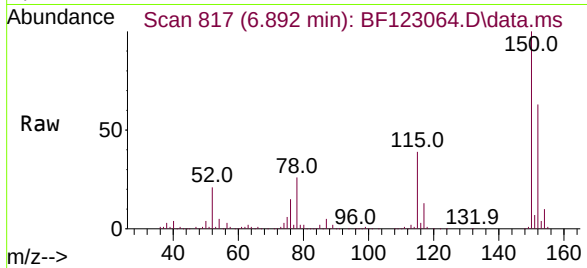




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

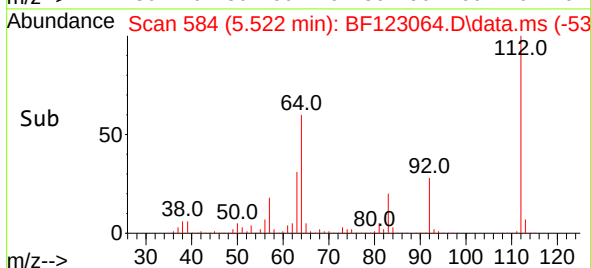
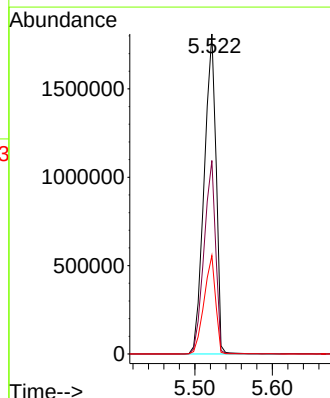
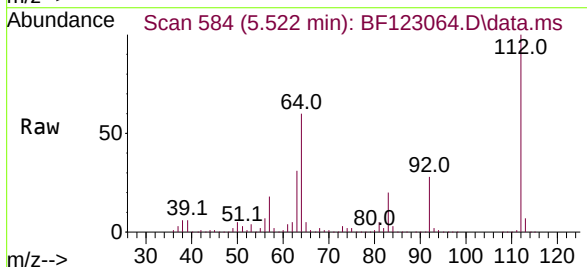
Instrument :
BNA_F
ClientSampleId :
JTY2-WC-S-1-1.0-6.0

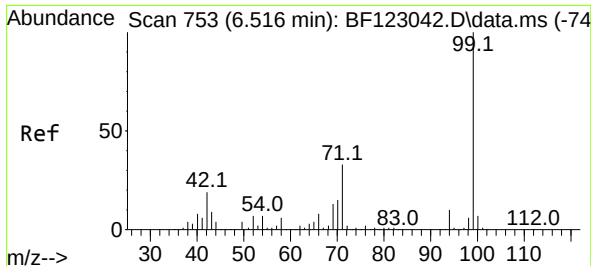
Tgt Ion:152 Resp: 265048
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.6
115 61.9 49.3 73.9



#5
2-Fluorophenol
Concen: 112.60 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

Tgt Ion:112 Resp: 1934770
Ion Ratio Lower Upper
112 100
64 60.5 46.9 70.3
63 30.8 24.5 36.7



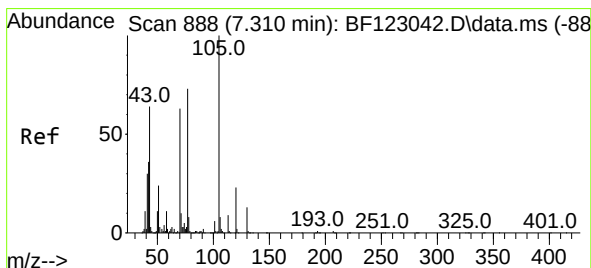
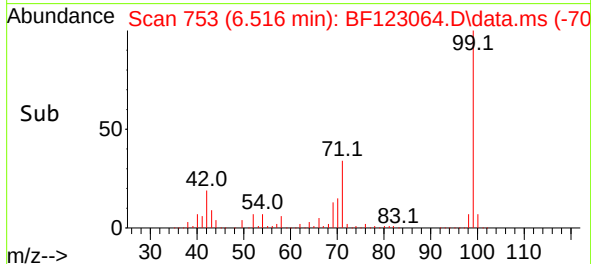
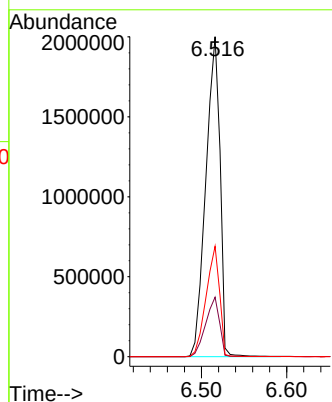
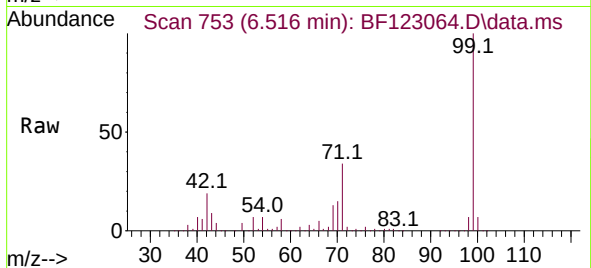


#7
Phenol-d6
Concen: 99.36 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

Instrument :
BNA_F
ClientSampleId :
JTY2-WC-S-1-1.0-6.0

Tgt Ion: 99 Resp: 2314011

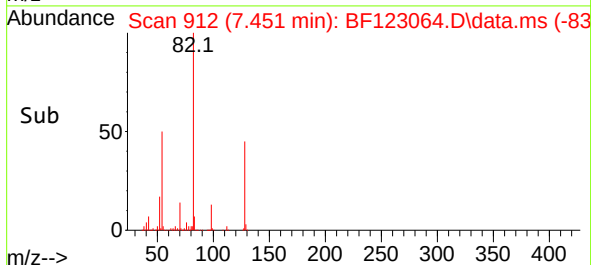
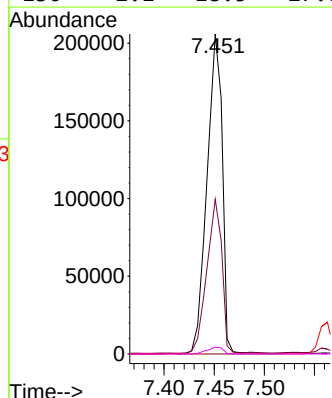
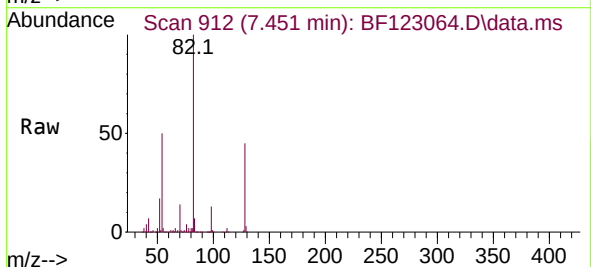
Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.8	20.6
71	34.5	26.9	40.3

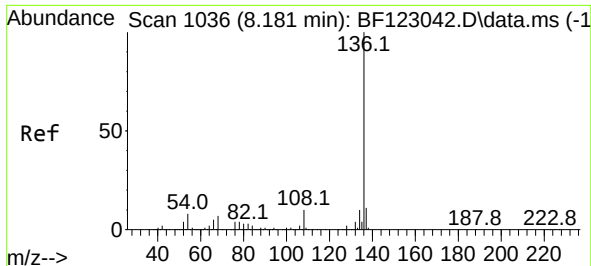


#19
n-Nitroso-di-n-propylamine
Concen: 15.66 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

Tgt Ion: 70 Resp: 219284

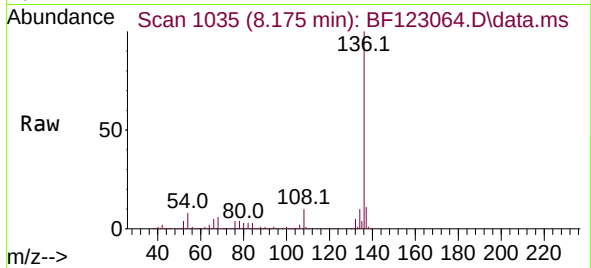
Ion	Ratio	Lower	Upper
70	100		
42	48.4	43.0	64.4
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#





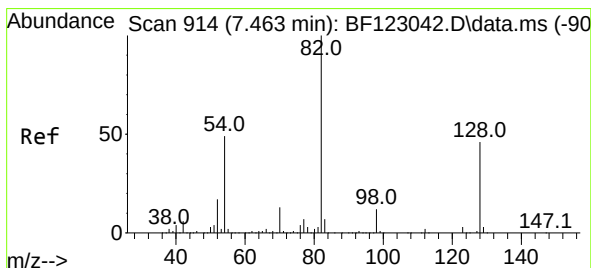
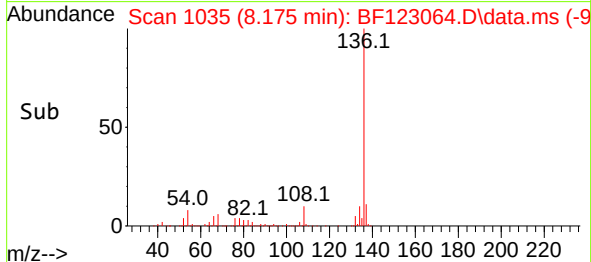
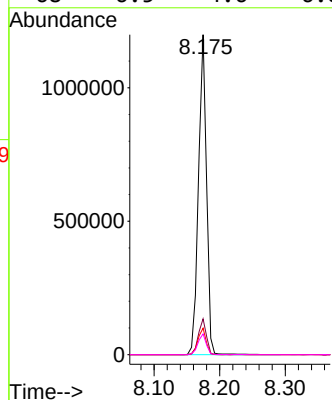
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

Instrument :
BNA_F
ClientSampleId :
JTY2-WC-S-1-1.0-6.0



Tgt Ion:136 Resp: 1027720

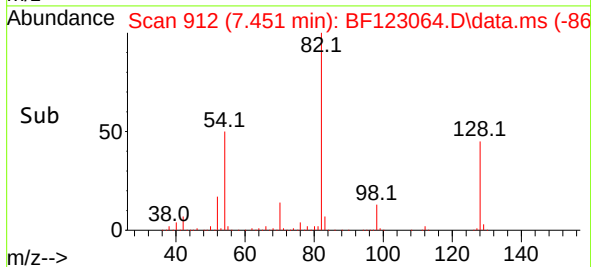
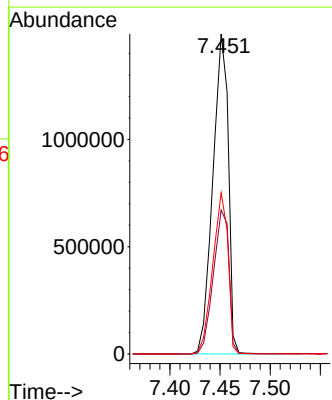
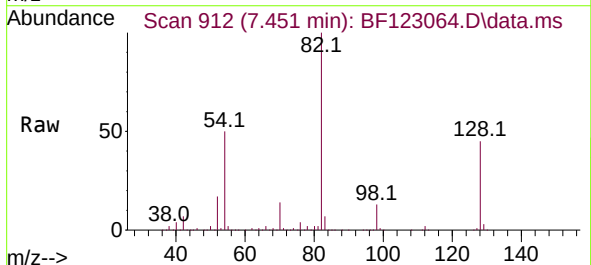
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.3	5.5	8.3#
68	6.5	4.6	6.8

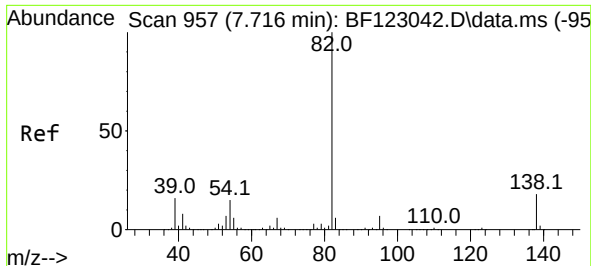


#23
Nitrobenzene-d5
Concen: 78.38 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

Tgt Ion: 82 Resp: 1600593

Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.0	55.4
54	50.3	38.4	57.6

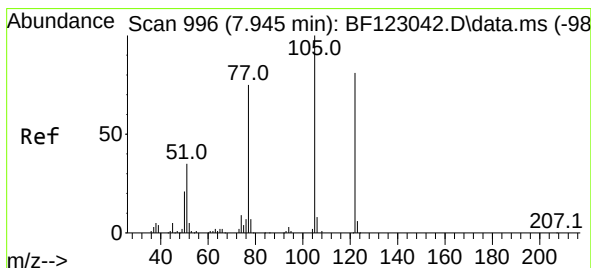
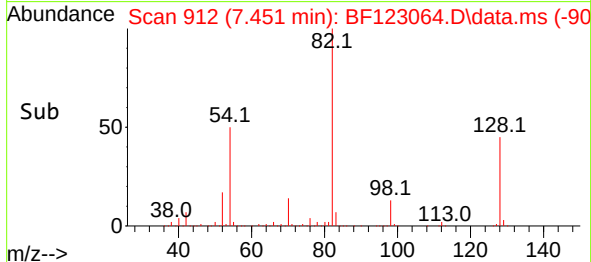
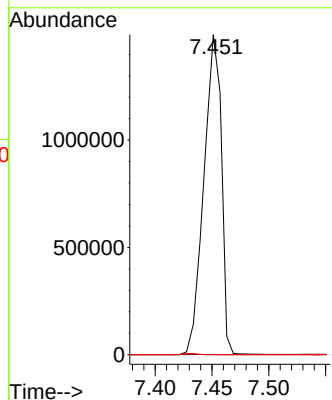
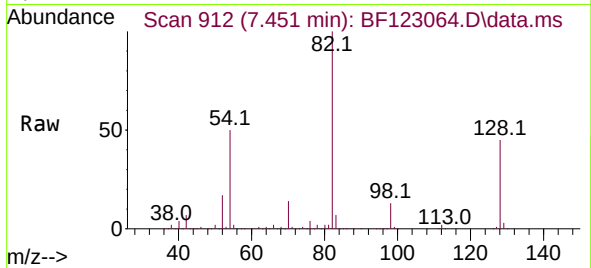




#25
Isophorone
Concen: 42.73 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

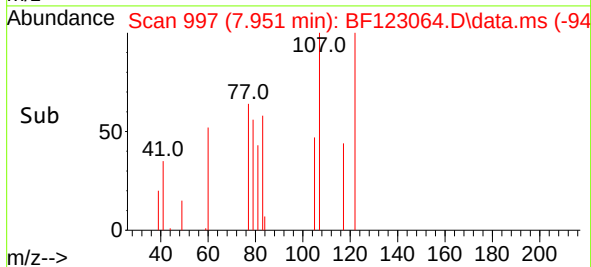
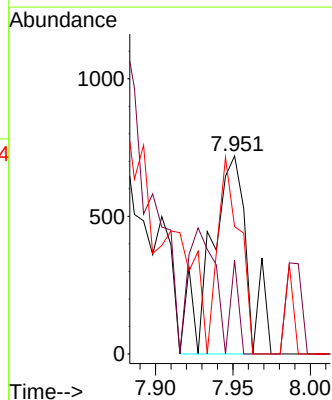
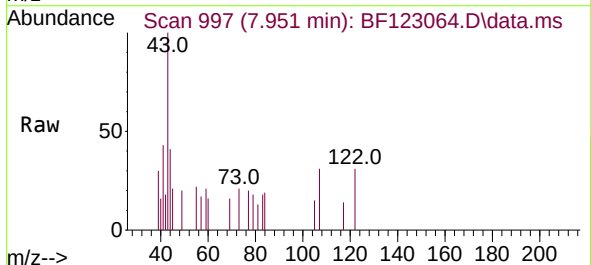
Instrument :
BNA_F
ClientSampleId :
JTY2-WC-S-1-1.0-6.0

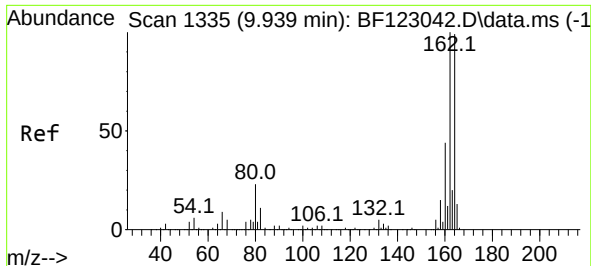
Tgt Ion: 82 Resp: 1598300
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 5.00 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

Tgt Ion: 122 Resp: 1193
Ion Ratio Lower Upper
122 100
105 47.2 104.8 144.8#
77 64.3 71.0 111.0#

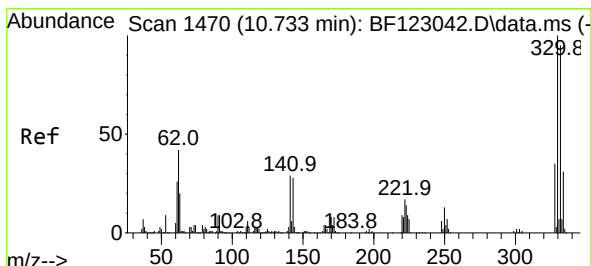
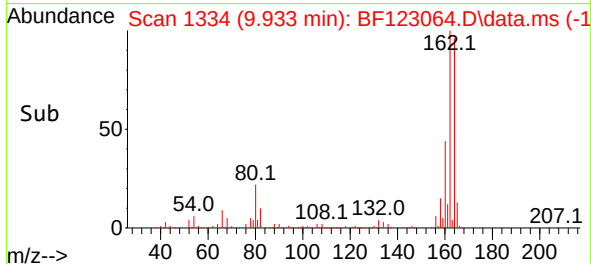
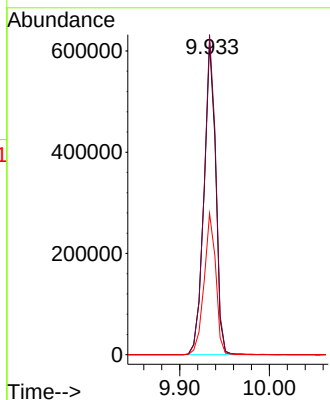
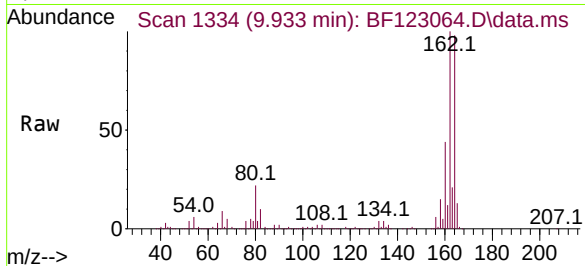




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

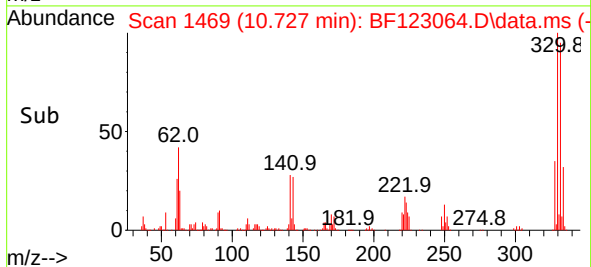
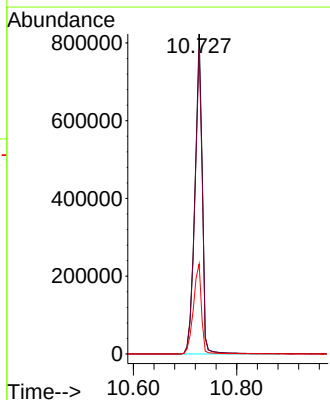
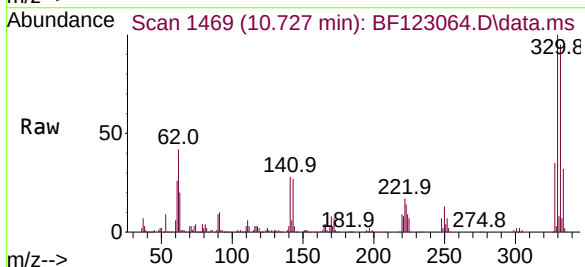
Instrument :
BNA_F
ClientSampleId :
JTY2-WC-S-1-1.0-6.0

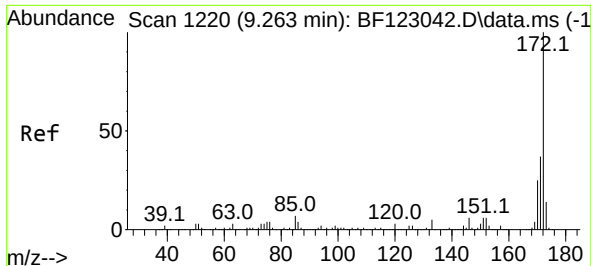
Tgt Ion:164 Resp: 559030
Ion Ratio Lower Upper
164 100
162 102.6 80.8 121.2
160 45.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 133.33 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

Tgt Ion:330 Resp: 809143
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 30.9 23.8 35.8

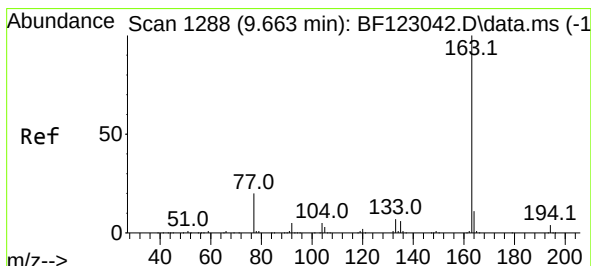
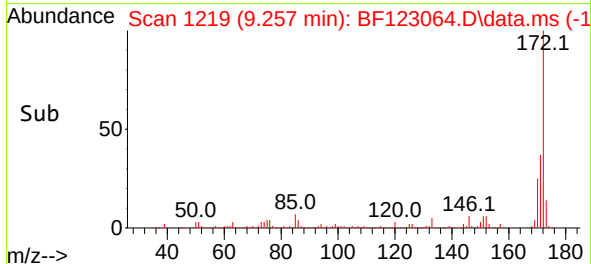
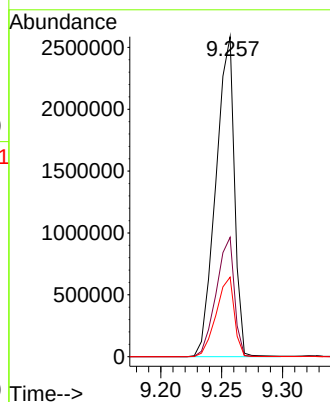
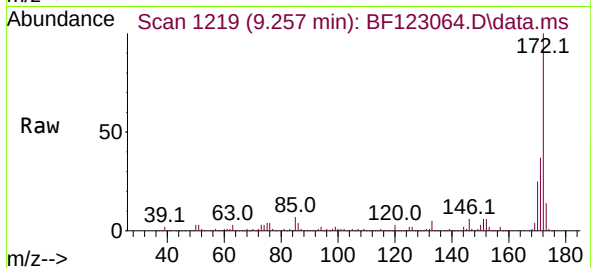




#45
2-Fluorobiphenyl
Concen: 73.12 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

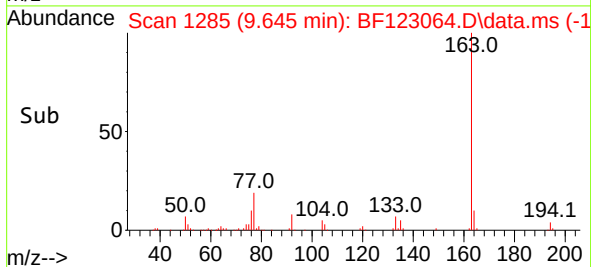
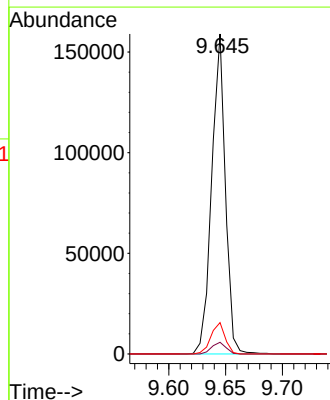
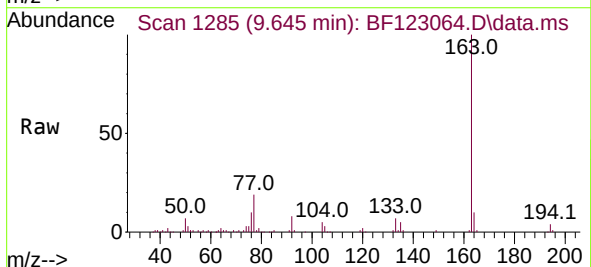
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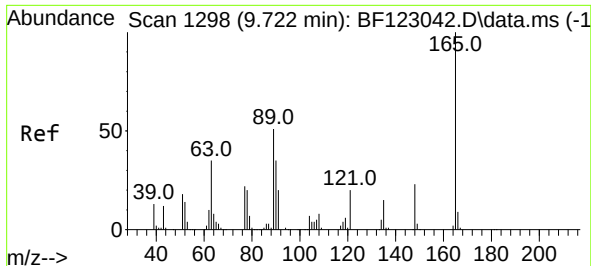
Tgt Ion:172 Resp: 2749661
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 24.8 19.5 29.3



#50
Dimethylphthalate
Concen: 3.03 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

Tgt Ion:163 Resp: 133046
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.8 8.1 12.1

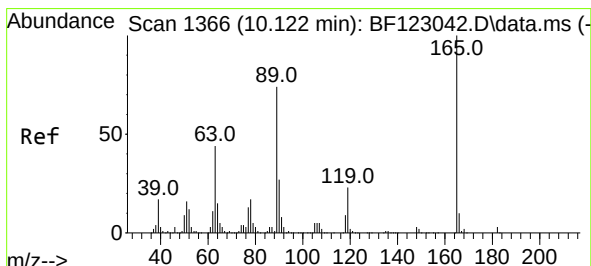
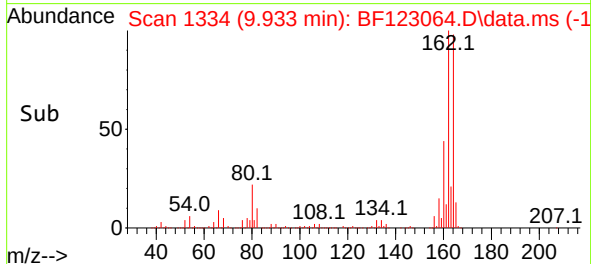
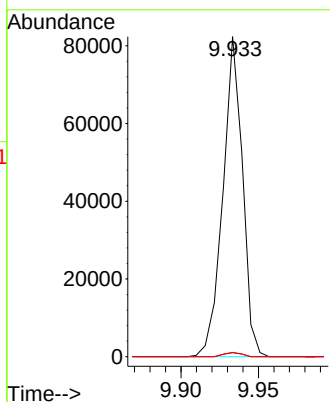
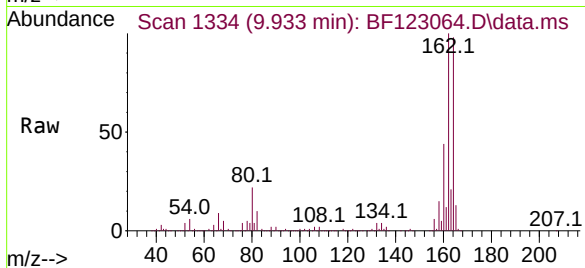




#51
2,6-Dinitrotoluene
Concen: 7.76 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

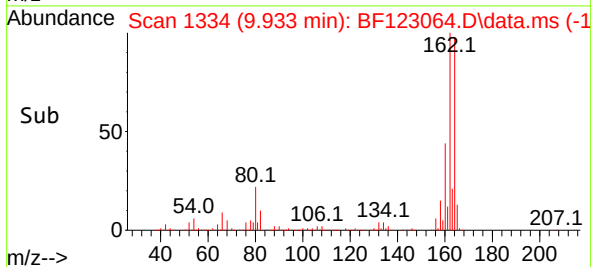
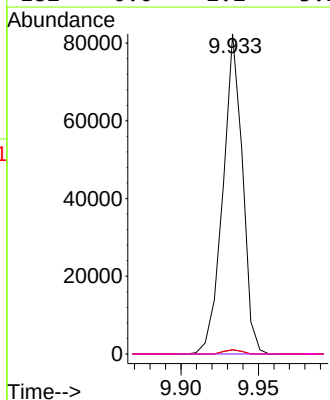
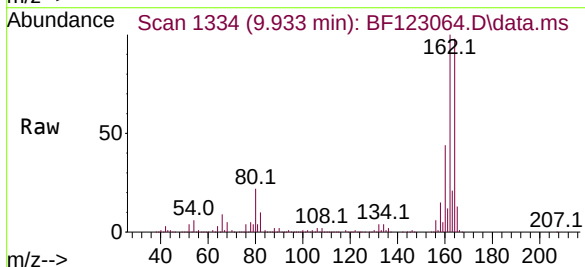
Instrument :
BNA_F
ClientSampleId :
JTY2-WC-S-1-1.0-6.0

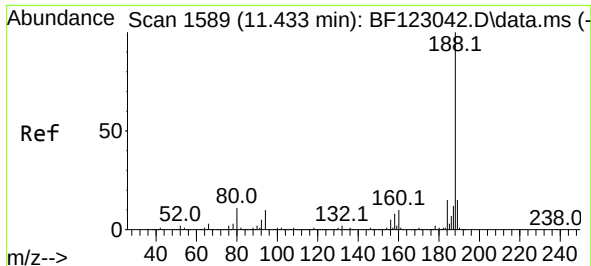
Tgt Ion:165 Resp: 72458
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

Tgt Ion:165 Resp: 72458
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

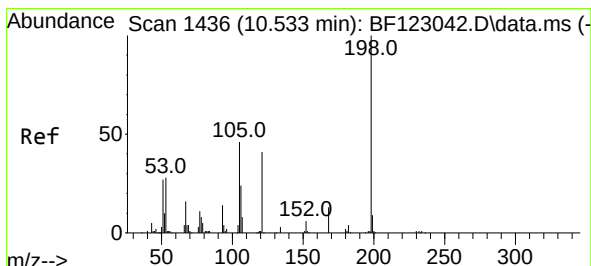
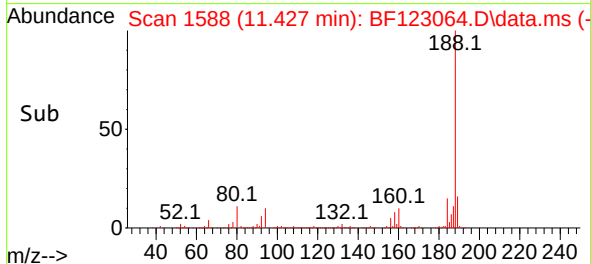
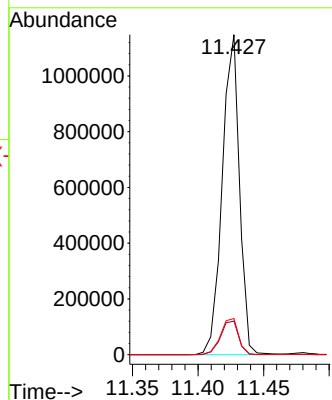
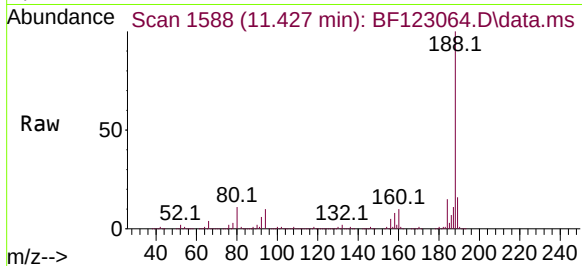




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

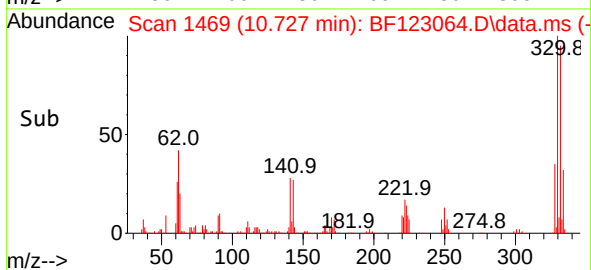
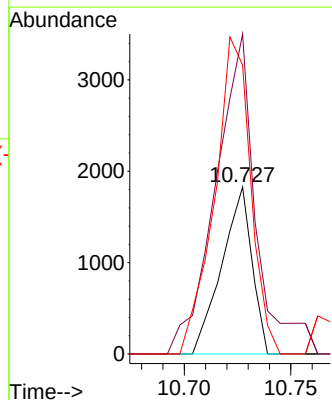
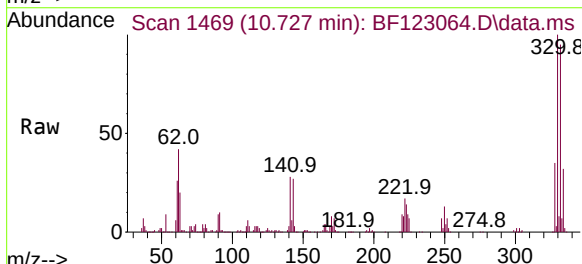
Instrument :
BNA_F
ClientSampleId :
JTY2-WC-S-1-1.0-6.0

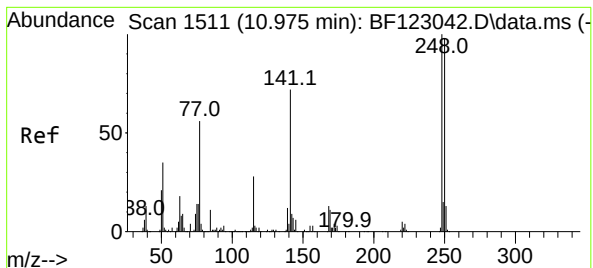
Tgt Ion:188 Resp: 1044531
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 11.3 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.26 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

Tgt Ion:198 Resp: 1797
Ion Ratio Lower Upper
198 100
51 191.5 20.3 60.3#
105 172.8 23.0 63.0#

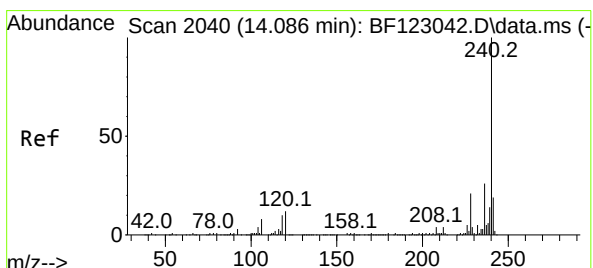
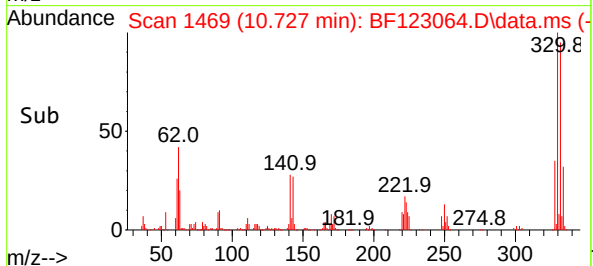
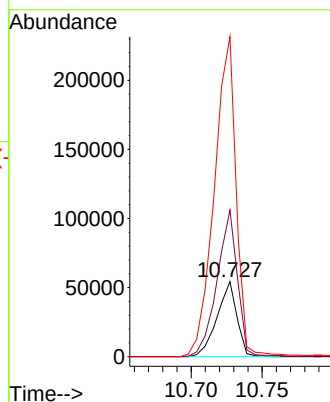
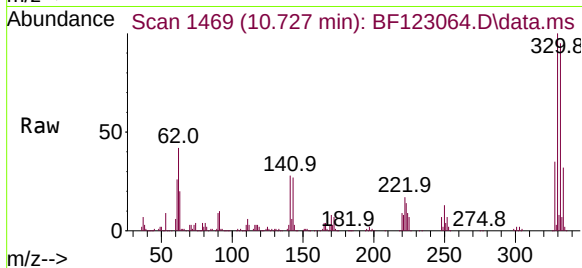




#67
4-Bromophenyl-phenylether
Concen: 3.97 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

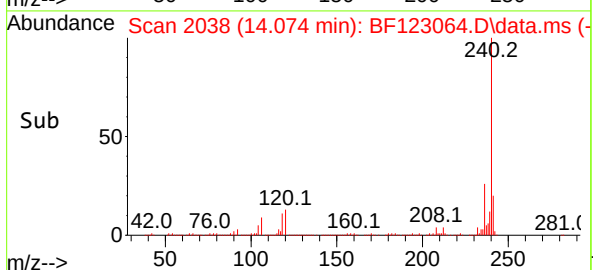
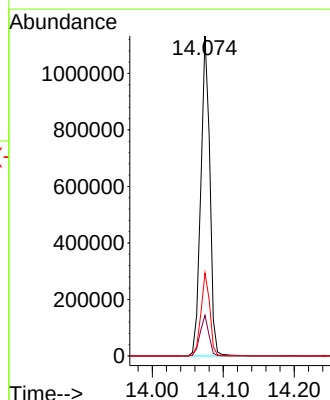
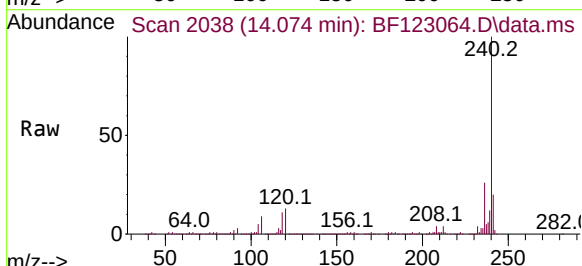
Instrument :
BNA_F
ClientSampleId :
JTY2-WC-S-1-1.0-6.0

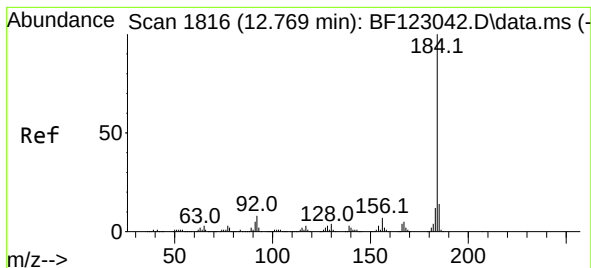
Tgt Ion:248 Resp: 52874
Ion Ratio Lower Upper
248 100
250 195.2 76.8 115.2#
141 426.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

Tgt Ion:240 Resp: 1002294
Ion Ratio Lower Upper
240 100
120 12.7 8.6 12.8
236 26.0 20.3 30.5





#77

Benzidine

Concen: 2.04 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.259 min

Lab File: BF123064.D

Acq: 28 Jan 2021 17:37

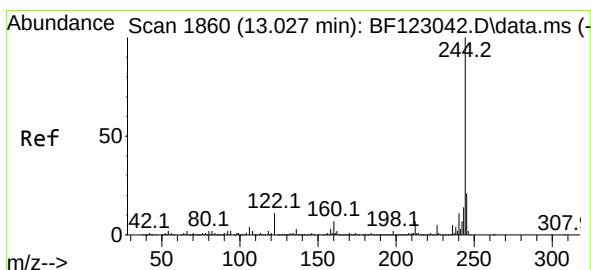
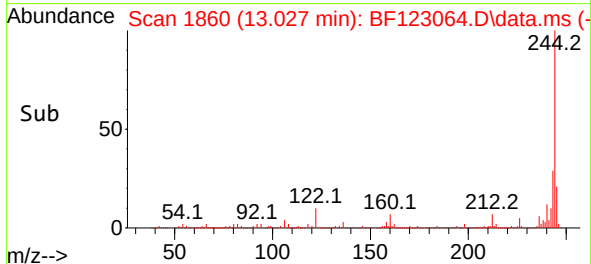
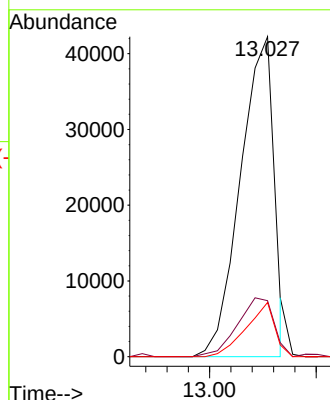
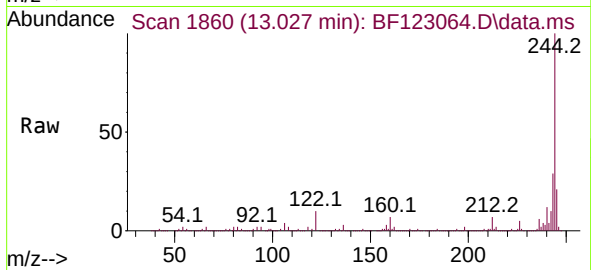
Tgt Ion:184	Resp:	46355
Ion Ratio	Lower	Upper
184	100	
185	17.5	11.8 17.6
183	17.0	9.7 14.5#

Instrument :

BNA_F

ClientSampleId :

JTY2-WC-S-1-1.0-6.0



#79

Terphenyl-d14

Concen: 67.70 ng

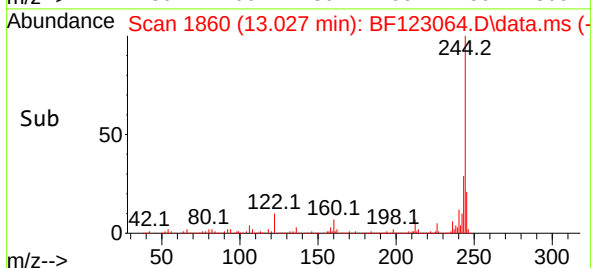
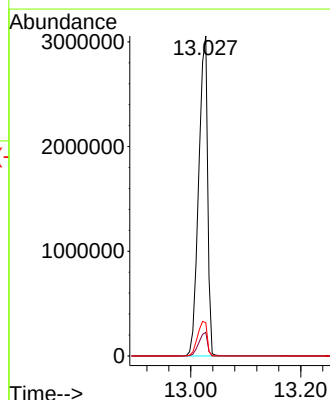
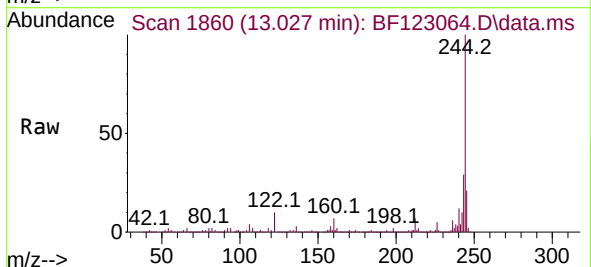
RT: 13.027 min Scan# 1860

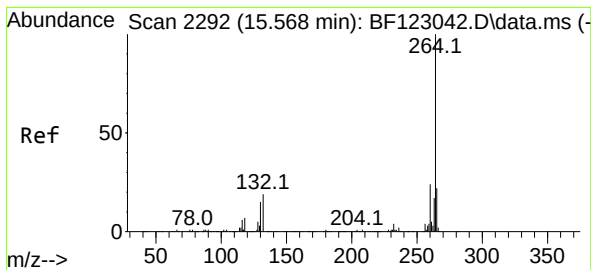
Delta R.T. -0.000 min

Lab File: BF123064.D

Acq: 28 Jan 2021 17:37

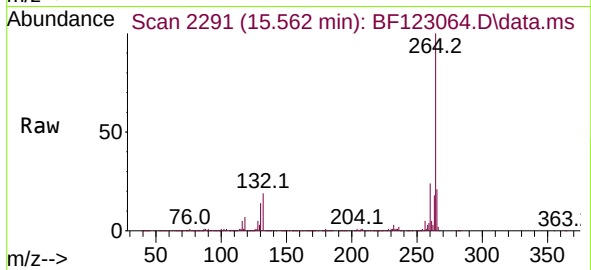
Tgt Ion:244	Resp:	3453613
Ion Ratio	Lower	Upper
244	100	
212	7.4	5.7 8.5
122	10.4	8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF123064.D
Acq: 28 Jan 2021 17:37

Instrument :
BNA_F
ClientSampleId :
JTY2-WC-S-1-1.0-6.0



Tgt Ion:264 Resp: 866557
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 21.5 17.0 25.6

