

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012921\
 Data File : BF123078.D
 Acq On : 29 Jan 2021 13:02
 Operator : JU/CG
 Sample : M1179-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-TP3

Quant Time: Jan 29 22:33:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

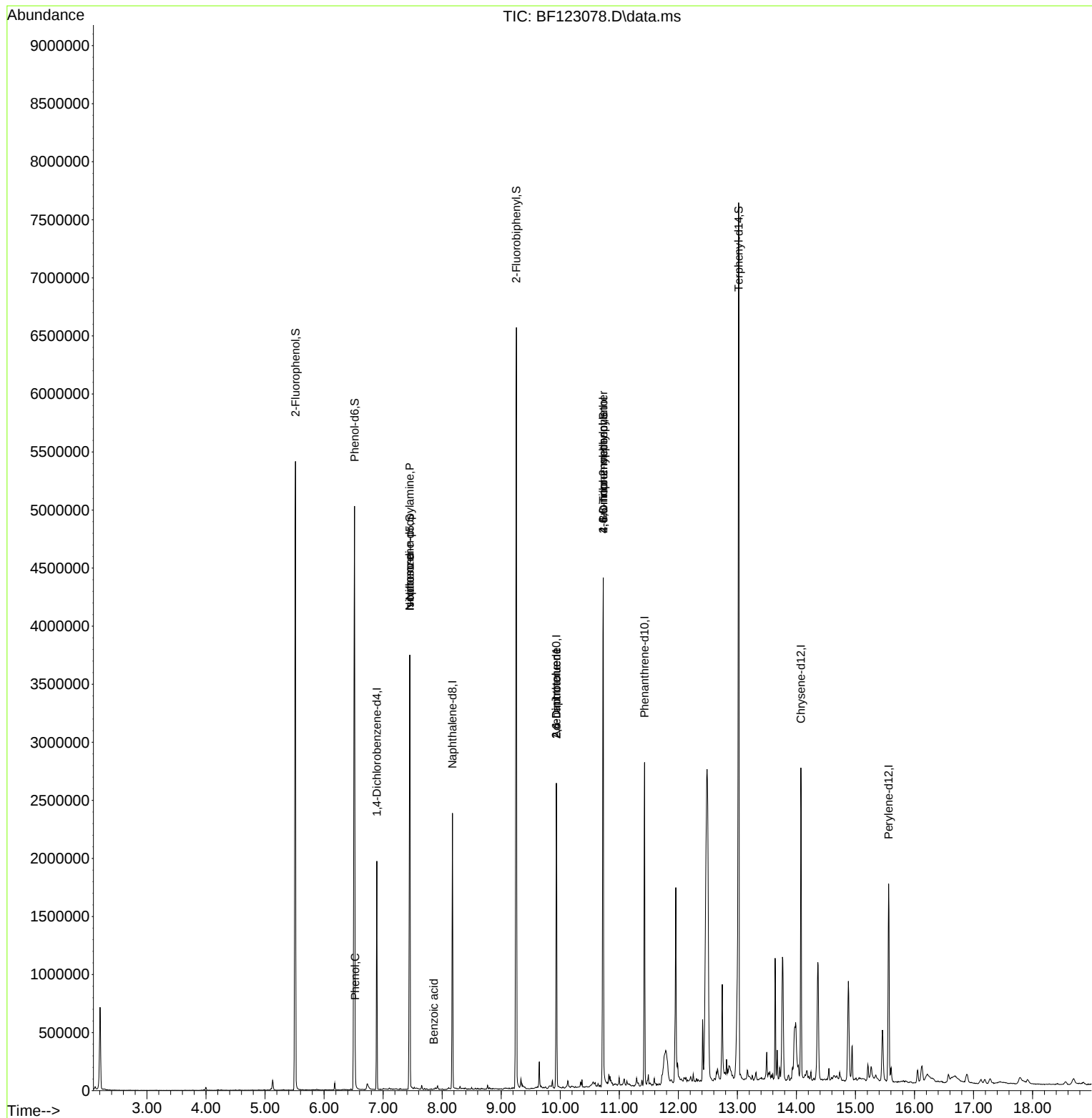
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	261189	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	1017717	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	543476	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	995210	20.00	ng	0.00
76) Chrysene-d12	14.074	240	933069	20.00	ng	-0.01
86) Perylene-d12	15.562	264	804575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1661405	98.12	ng	0.01
7) Phenol-d6	6.516	99	2106089	91.76	ng	0.00
23) Nitrobenzene-d5	7.451	82	1351340	66.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	599443	101.61	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2292715	62.71	ng	0.00
79) Terphenyl-d14	13.021	244	2632028	55.42	ng	0.00
Target Compounds						
10) Phenol	6.528	94	60948	2.68	ng	Qvalue 89
19) n-Nitroso-di-n-propyla...	7.451	70	180050	13.05	ng	# 80
25) Isophorone	7.451	82	1348413	36.40	ng	# 65
32) Benzoic acid	7.857	122	944	4.98	ng	90
51) 2,6-Dinitrotoluene	9.933	165	71325	7.85	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	71445	6.05	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	1178	5.17	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	39531	3.12	ng	# 1

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

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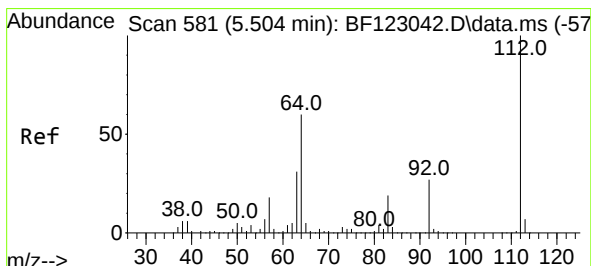
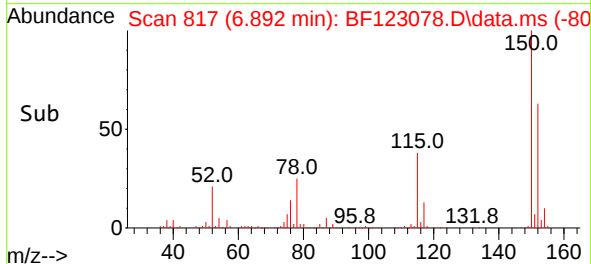
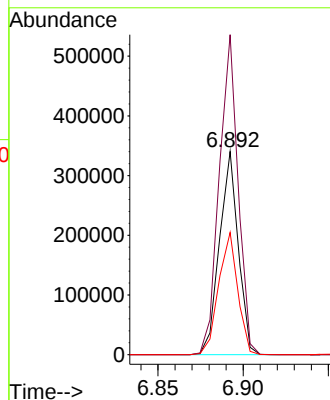
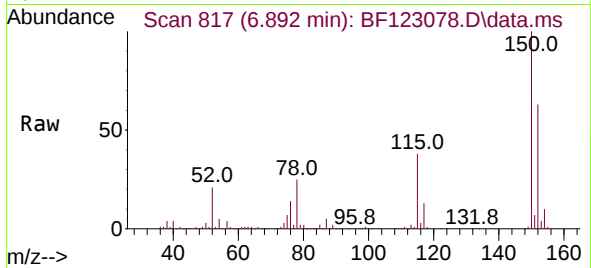




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

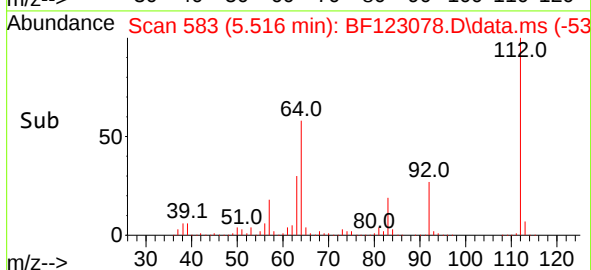
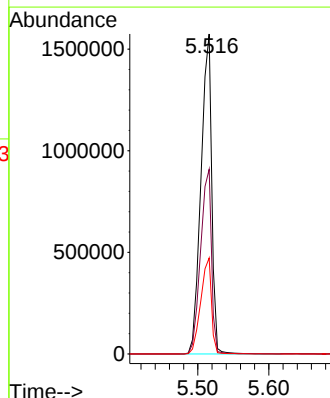
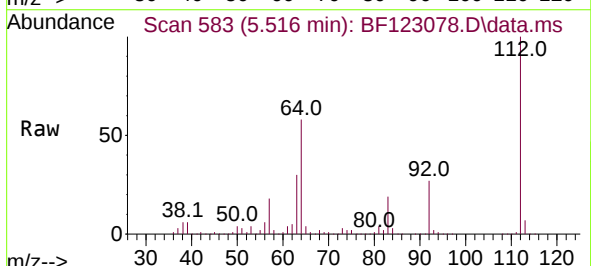
Instrument :
BNA_F
ClientSampled :
HS-TP3

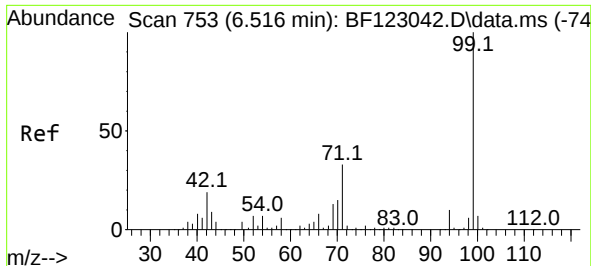
Tgt Ion:152 Resp: 261189
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.6
115 60.2 49.3 73.9



#5
2-Fluorophenol
Concen: 98.12 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

Tgt Ion:112 Resp: 1661405
Ion Ratio Lower Upper
112 100
64 57.7 46.9 70.3
63 30.0 24.5 36.7



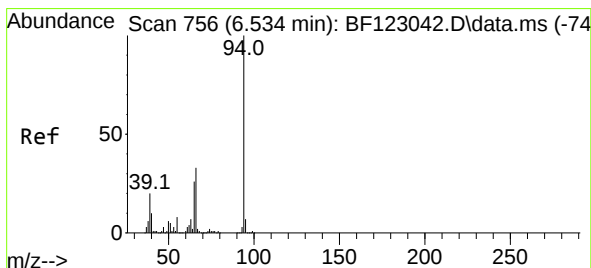
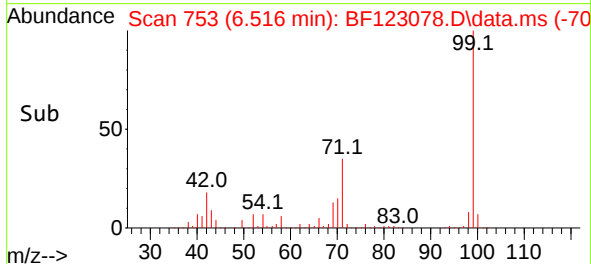
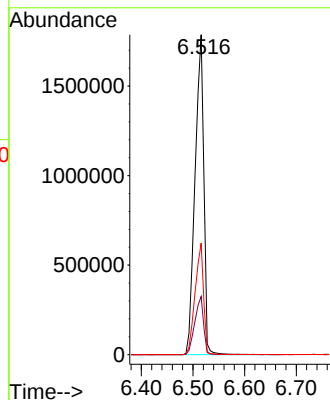
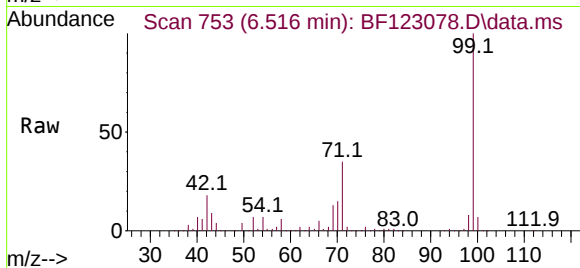


#7
Phenol-d6
Concen: 91.76 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

Instrument :
BNA_F
ClientSampleId :
HS-TP3

Tgt Ion: 99 Resp: 2106089

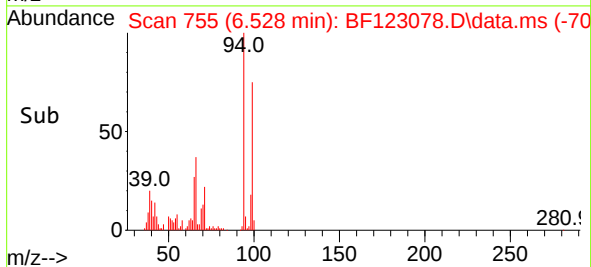
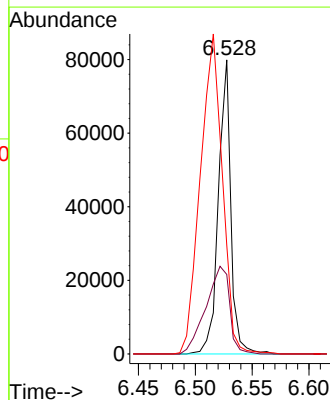
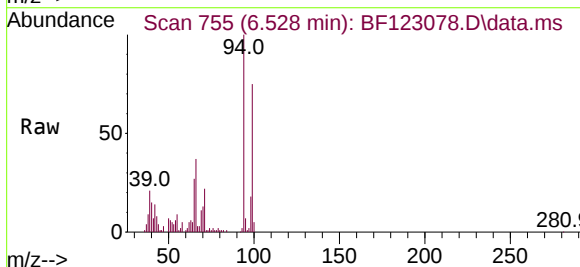
Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.8	20.6
71	34.8	26.9	40.3

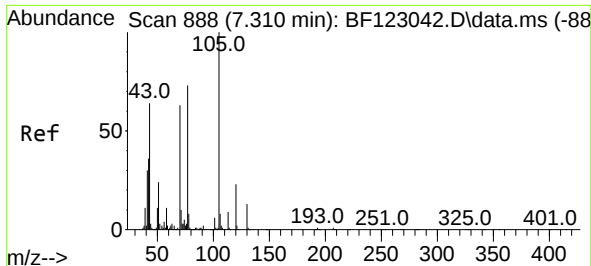


#10
Phenol
Concen: 2.68 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

Tgt Ion: 94 Resp: 60948

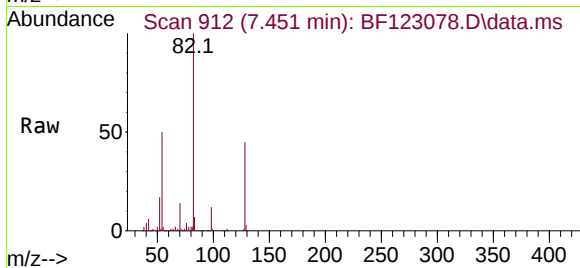
Ion	Ratio	Lower	Upper
94	100		
65	27.0	11.2	51.2
66	37.1	25.8	65.8



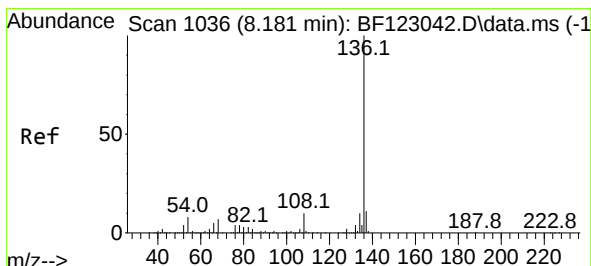
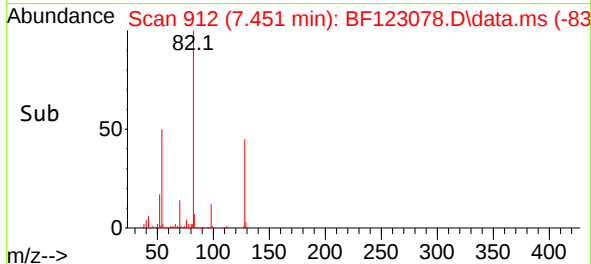
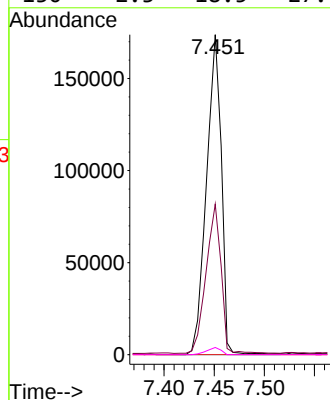


#19
n-Nitroso-di-n-propylamine
Concen: 13.05 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

Instrument :
BNA_F
ClientSampleId :
HS-TP3

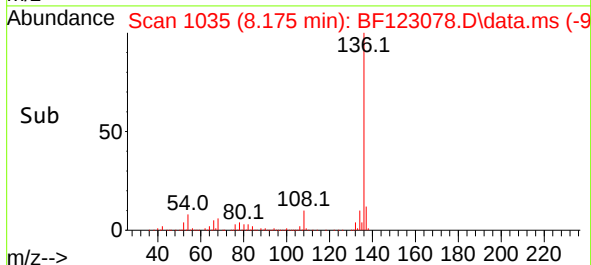
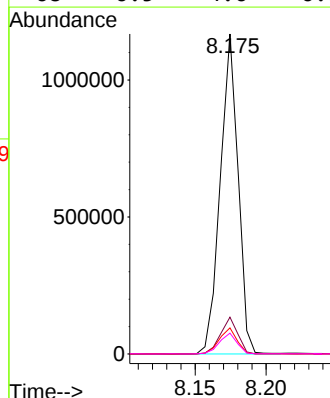
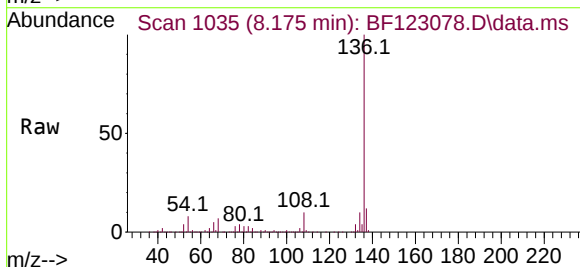


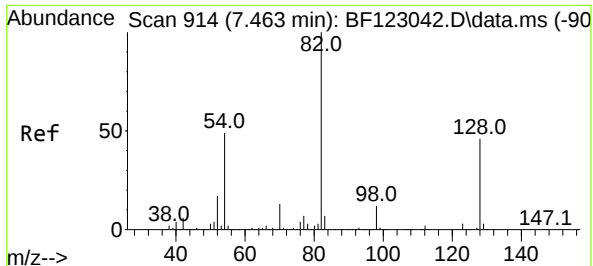
Tgt Ion: 70 Resp: 180050
Ion Ratio Lower Upper
70 100
42 47.1 43.0 64.4
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

Tgt Ion: 136 Resp: 1017717
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 8.1 5.5 8.3
68 6.5 4.6 6.8

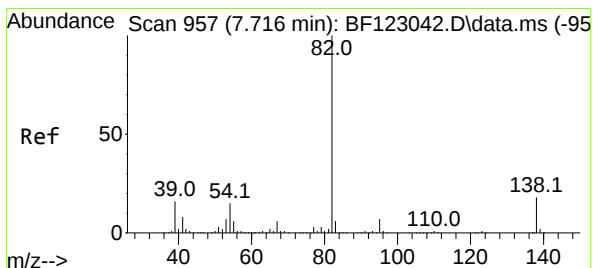
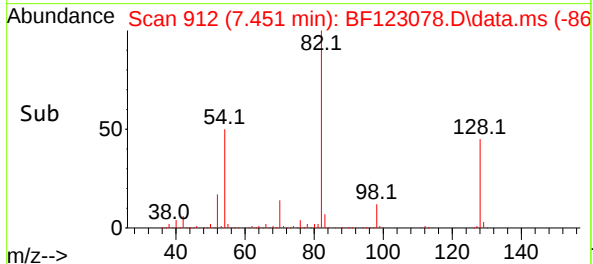
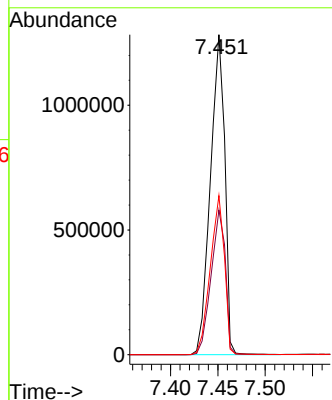
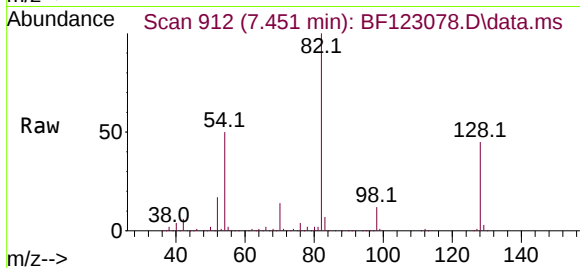




#23
Nitrobenzene-d5
Concen: 66.82 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

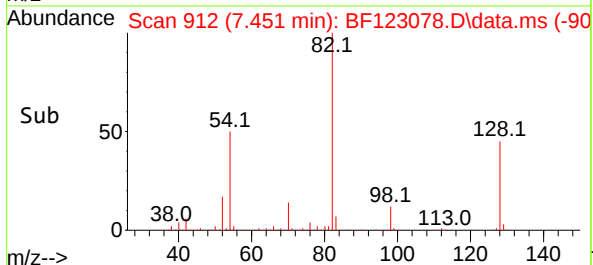
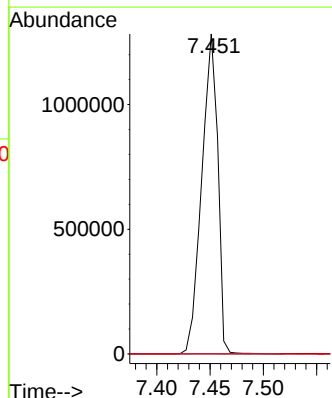
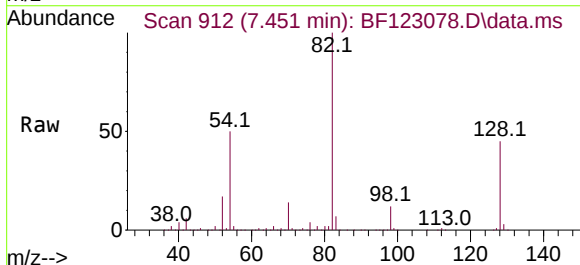
Instrument :
BNA_F
ClientSampleId :
HS-TP3

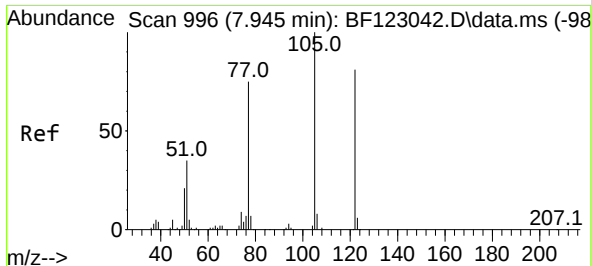
Tgt Ion: 82 Resp: 1351340
Ion Ratio Lower Upper
82 100
128 45.2 37.0 55.4
54 49.7 38.4 57.6



#25
Isophorone
Concen: 36.40 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

Tgt Ion: 82 Resp: 1348413
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

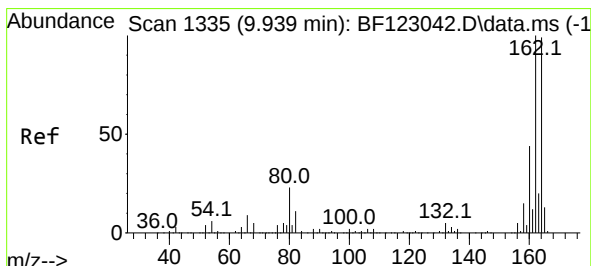
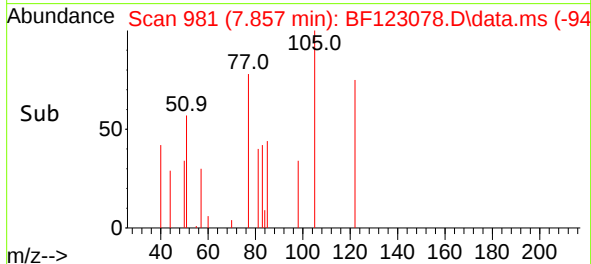
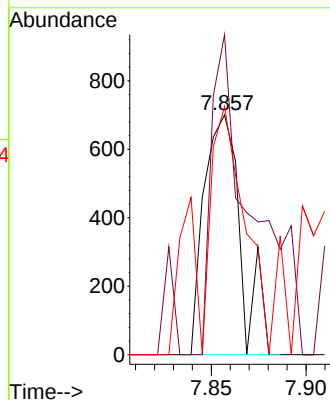
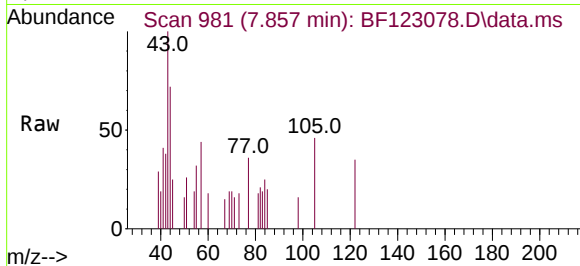




#32
Benzoic acid
Concen: 4.98 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.088 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

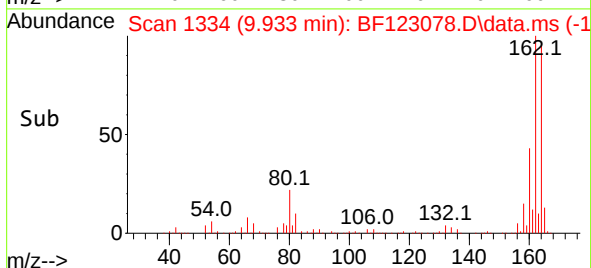
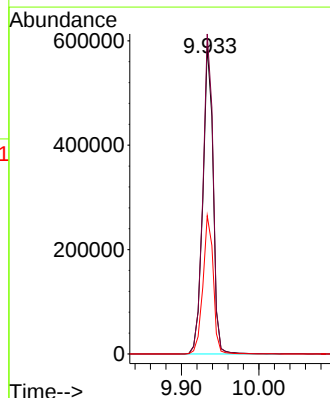
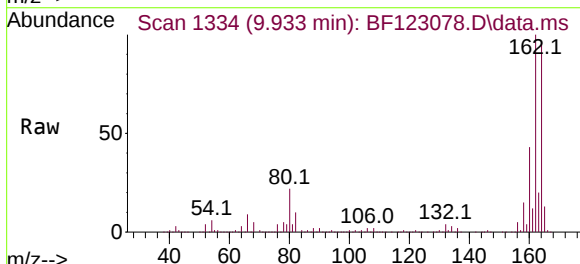
Instrument :
BNA_F
ClientSampleId :
HS-TP3

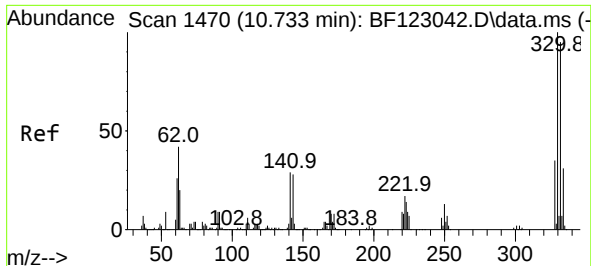
Tgt Ion:	122	Resp:	944
Ion	Ratio	Lower	Upper
122	100		
105	133.4	104.8	144.8
77	103.4	71.0	111.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

Tgt Ion:	164	Resp:	543476
Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.8	121.2
160	45.0	35.4	53.0

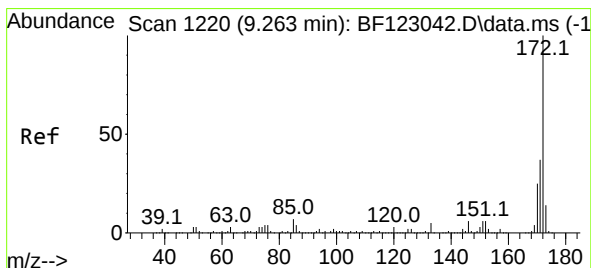
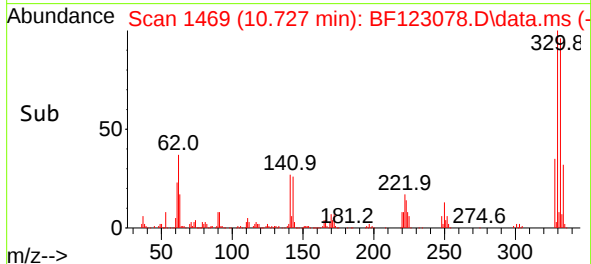
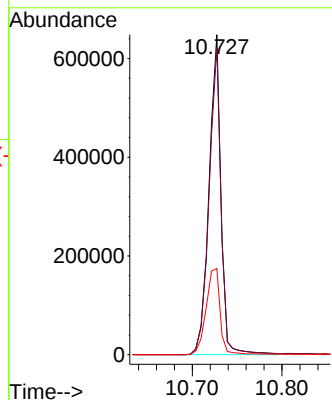
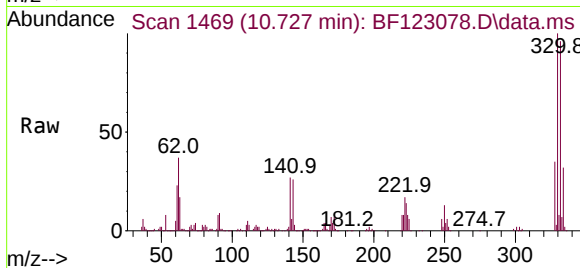




#42
2,4,6-Tribromophenol
Concen: 101.61 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

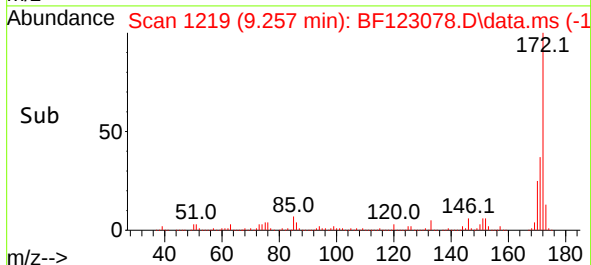
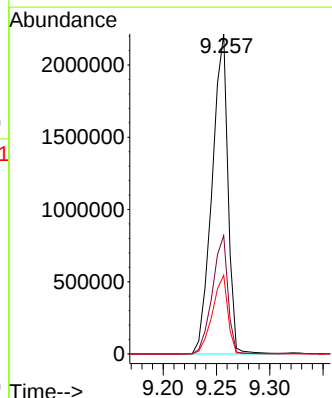
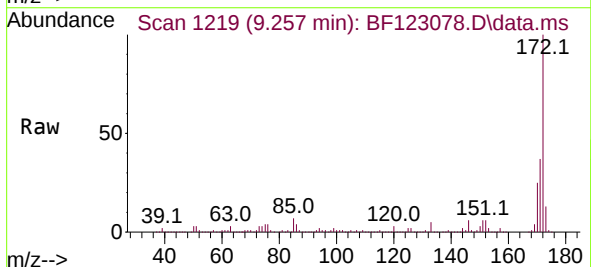
Instrument :
BNA_F
ClientSampleId :
HS-TP3

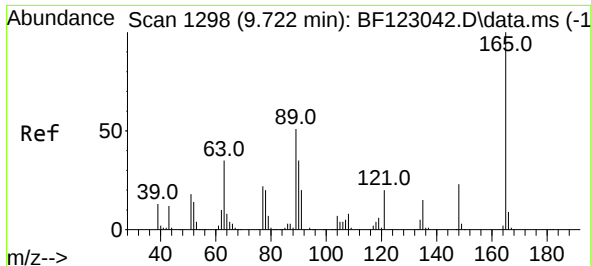
Tgt Ion: 330 Resp: 599443
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 32.2 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 62.71 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

Tgt Ion: 172 Resp: 2292715
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.6 19.5 29.3

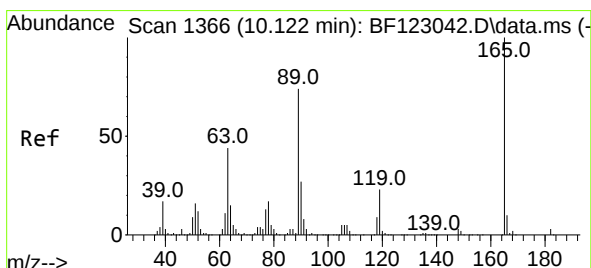
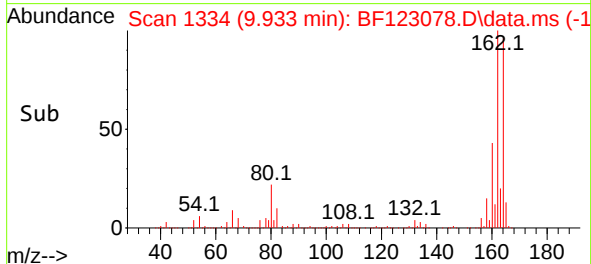
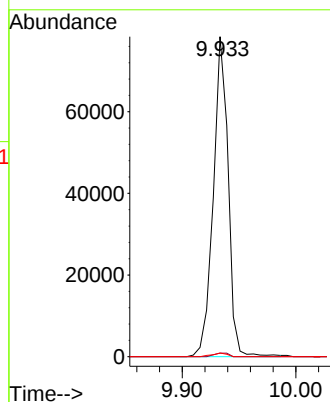
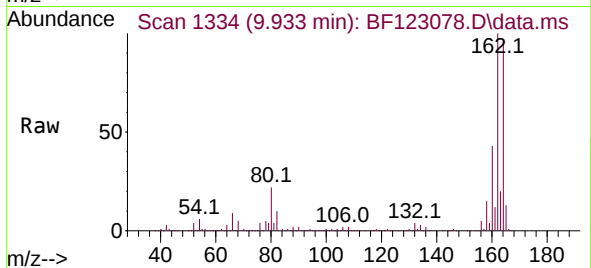




#51
2,6-Dinitrotoluene
Concen: 7.85 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

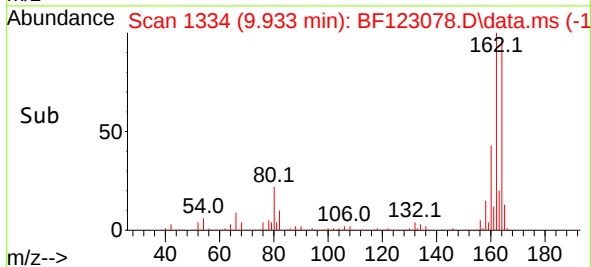
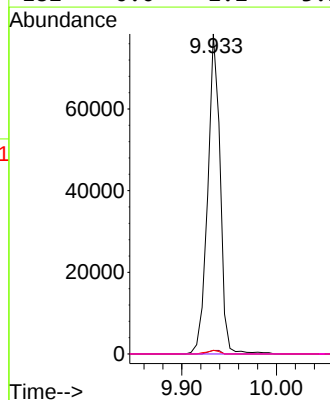
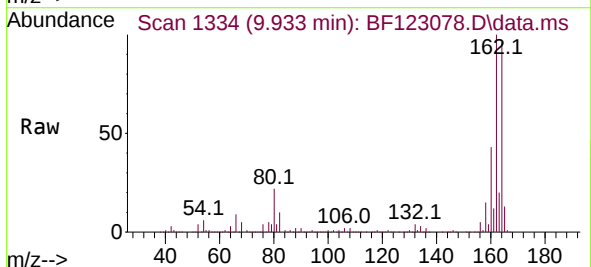
Instrument :
BNA_F
ClientSampleId :
HS-TP3

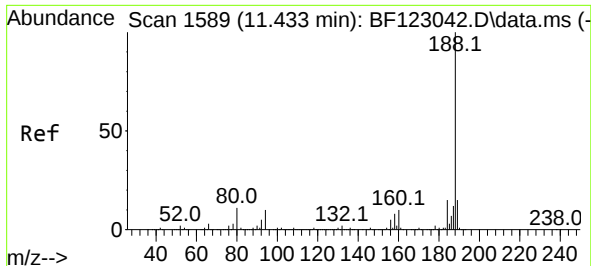
Tgt Ion:165 Resp: 71325
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 6.05 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

Tgt Ion:165 Resp: 71445
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

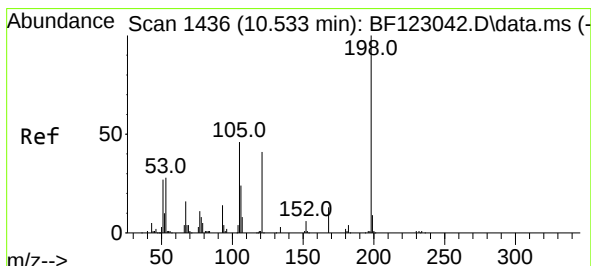
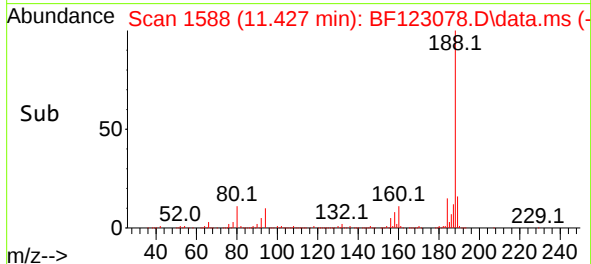
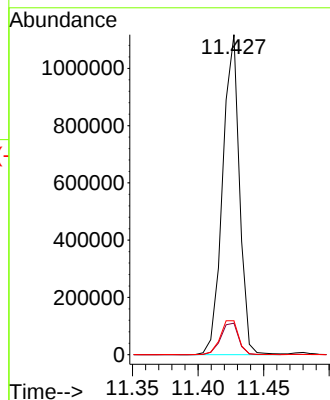
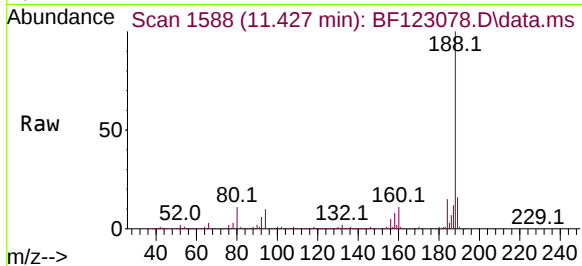




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

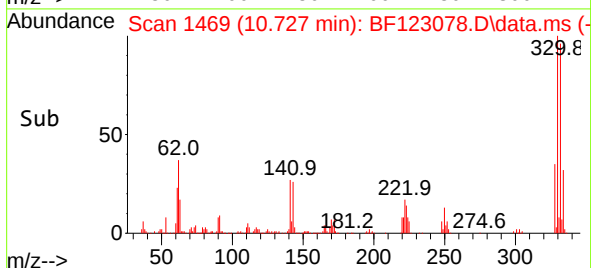
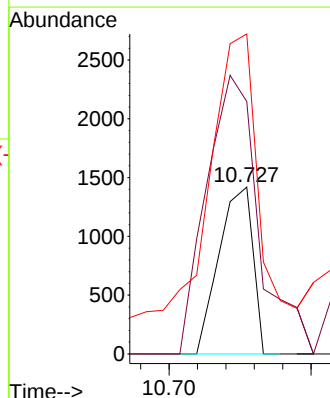
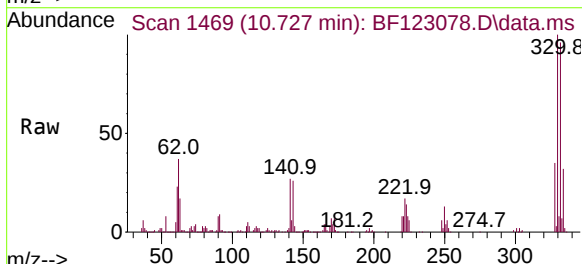
Instrument :
BNA_F
ClientSampleId :
HS-TP3

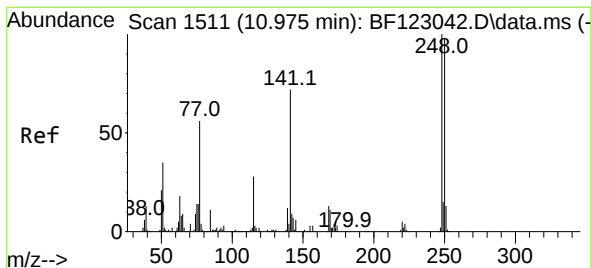
Tgt Ion:188 Resp: 995210
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.6 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.17 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

Tgt Ion:198 Resp: 1178
Ion Ratio Lower Upper
198 100
51 151.3 20.3 60.3#
105 191.8 23.0 63.0#

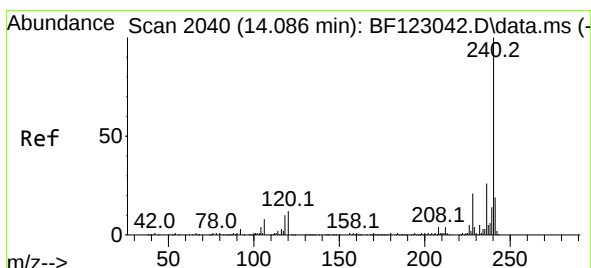
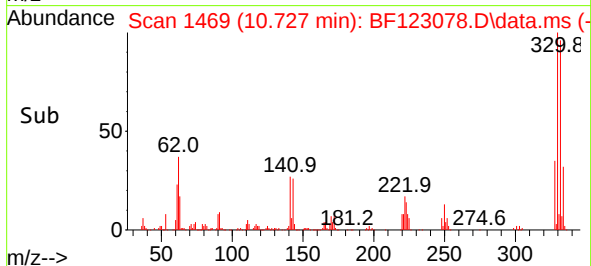
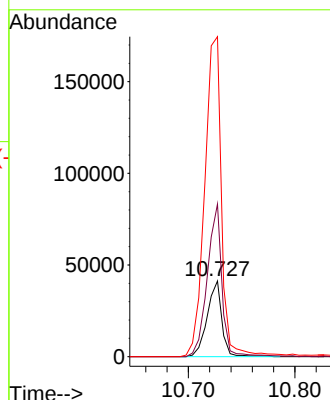
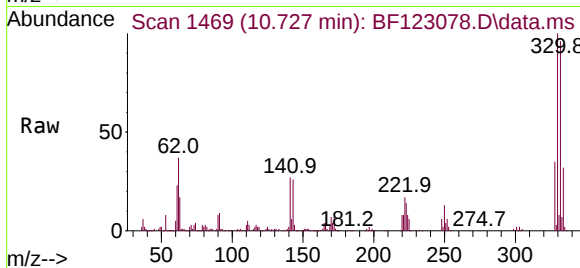




#67
4-Bromophenyl-phenylether
Concen: 3.12 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

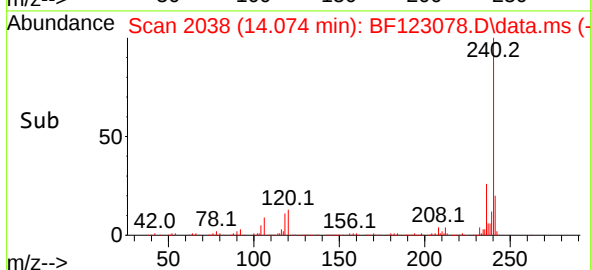
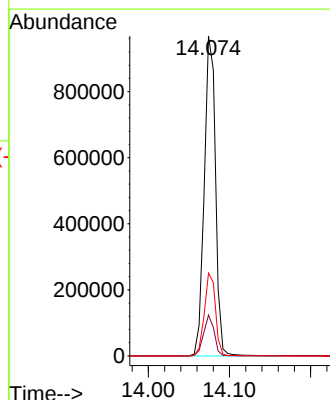
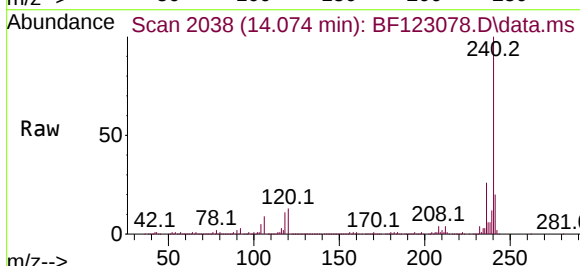
Instrument :
BNA_F
ClientSampleId :
HS-TP3

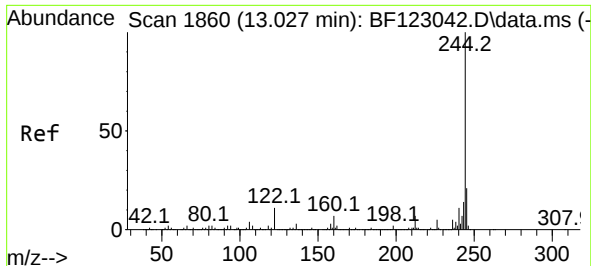
Tgt Ion:248 Resp: 39531
Ion Ratio Lower Upper
248 100
250 201.7 76.8 115.2#
141 423.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

Tgt Ion:240 Resp: 933069
Ion Ratio Lower Upper
240 100
120 12.7 8.6 12.8
236 25.9 20.3 30.5

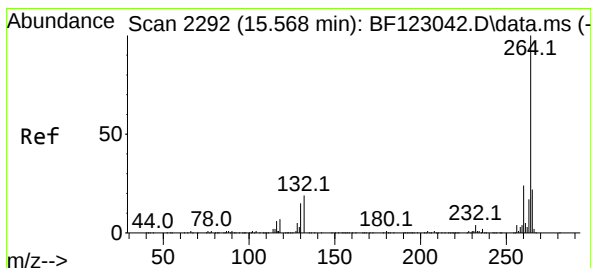
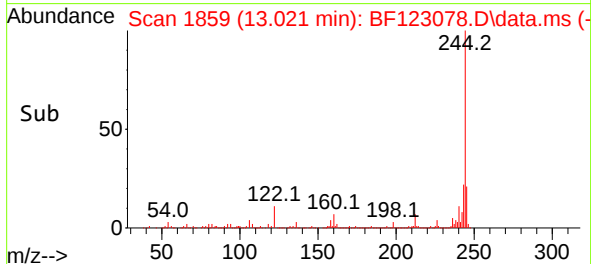
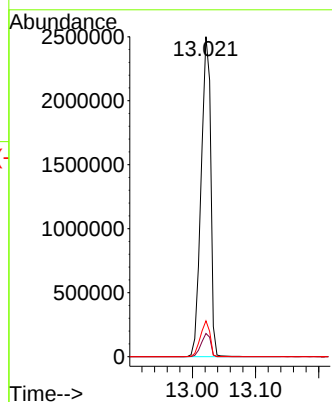
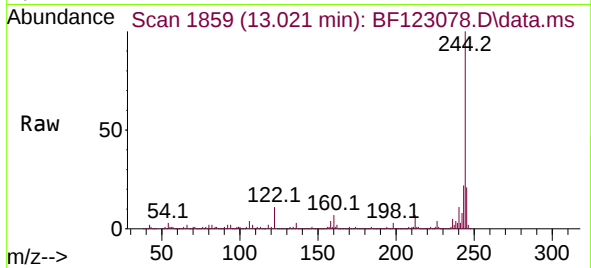




#79
Terphenyl-d14
Concen: 55.42 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123078.D
Acq: 29 Jan 2021 13:02

Instrument :
BNA_F
ClientSampleId :
HS-TP3

Tgt Ion:244 Resp: 2632028
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.2 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: BF123078.D
Acq: 29 Jan 2021 13:02

Tgt Ion:264 Resp: 804575
Ion Ratio Lower Upper
264 100
260 24.7 18.6 28.0
265 22.0 17.0 25.6

