

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020321\
 Data File : BF123103.D
 Acq On : 3 Feb 2021 14:39
 Operator : JU/CG
 Sample : M1292-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU421-003-1015

Quant Time: Feb 03 15:24:54 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)

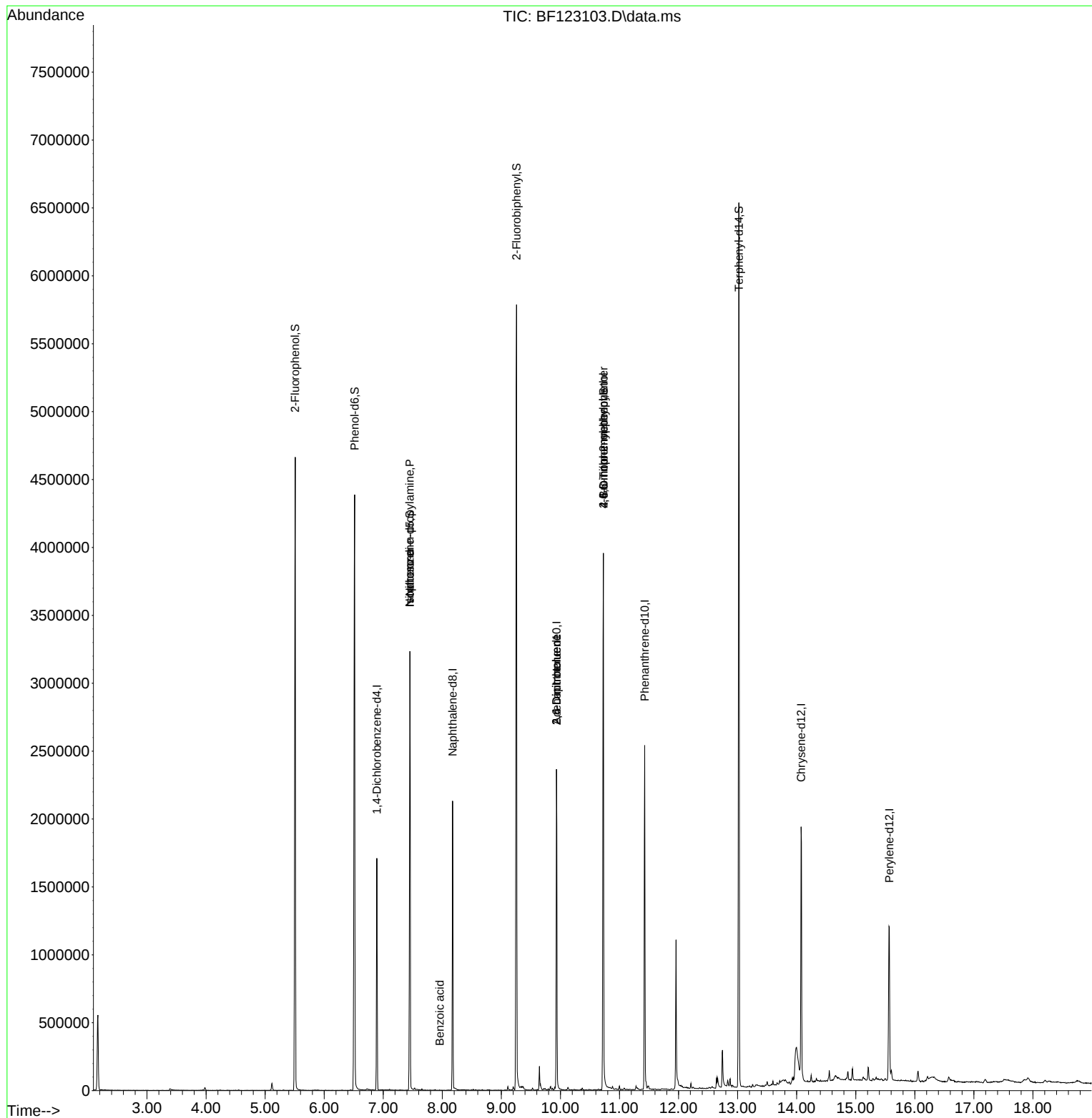
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	227399	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	887615	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	483234	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	882950	20.00	ng	0.00
76) Chrysene-d12	14.074	240	666871	20.00	ng	-0.01
86) Perylene-d12	15.568	264	565962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1314174	89.15	ng	0.00
7) Phenol-d6	6.516	99	1687814	84.47	ng	0.00
23) Nitrobenzene-d5	7.451	82	1056872	59.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	508164	96.87	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1898405	58.40	ng	0.00
79) Terphenyl-d14	13.021	244	2095868	61.75	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	140831	11.72	ng	# 80
25) Isophorone	7.451	82	1056861	32.71	ng	# 65
32) Benzoic acid	7.957	122	158	4.93	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	62032	7.68	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	62021	5.91	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	1102	5.18	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	33928	3.02	ng	# 1

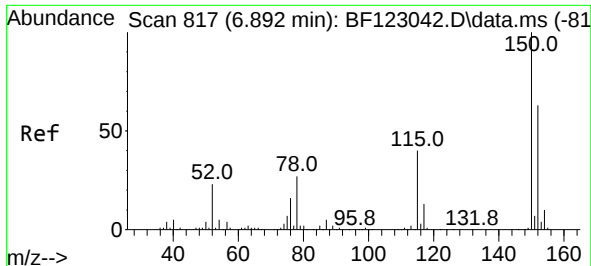
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

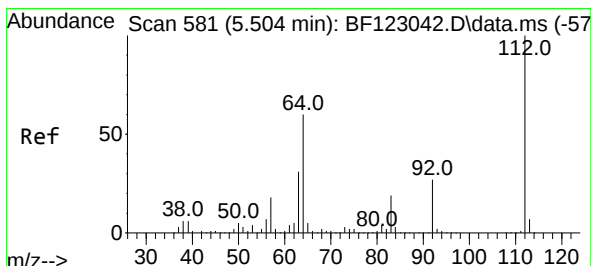
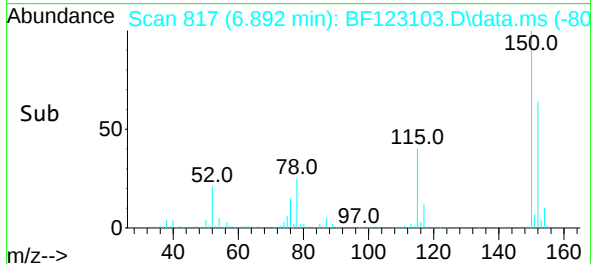
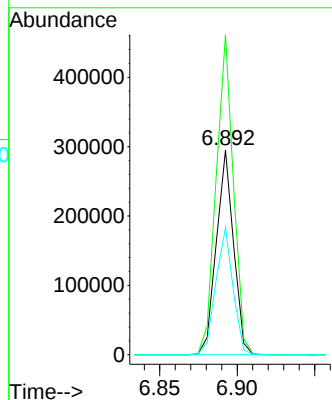
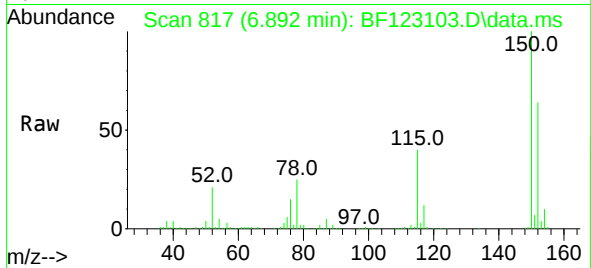




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF123103.D
 Acq: 3 Feb 2021 14:39

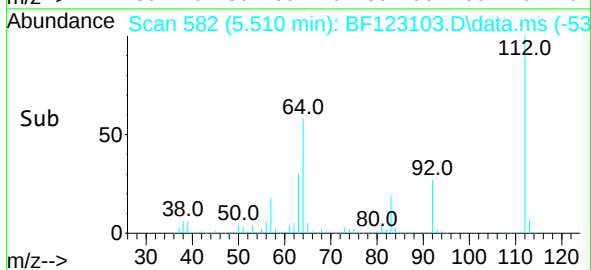
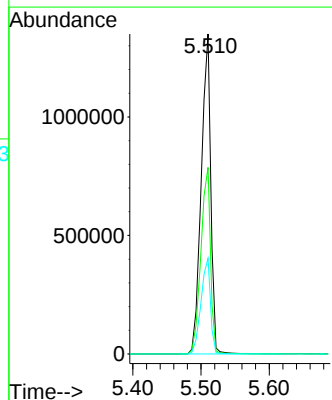
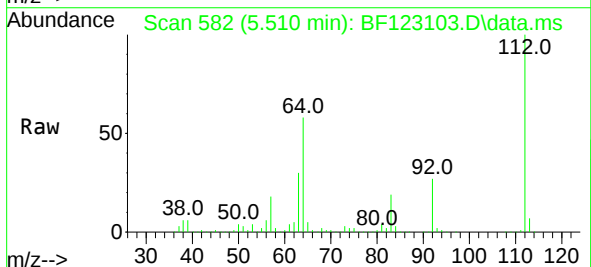
Instrument :
 BNA_F
 ClientSampleId :
 OU421-003-1015

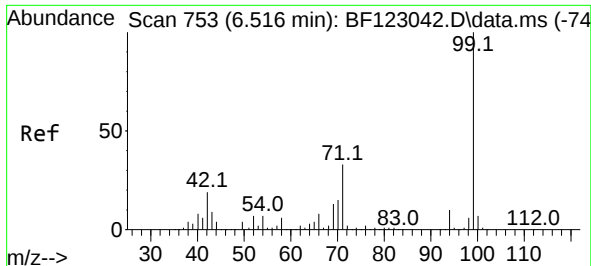
Tgt Ion:152 Resp: 227399
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.8 188.6
 115 62.0 49.3 73.9



#5
 2-Fluorophenol
 Concen: 89.15 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.006 min
 Lab File: BF123103.D
 Acq: 3 Feb 2021 14:39

Tgt Ion:112 Resp: 1314174
 Ion Ratio Lower Upper
 112 100
 64 58.3 46.9 70.3
 63 29.9 24.5 36.7



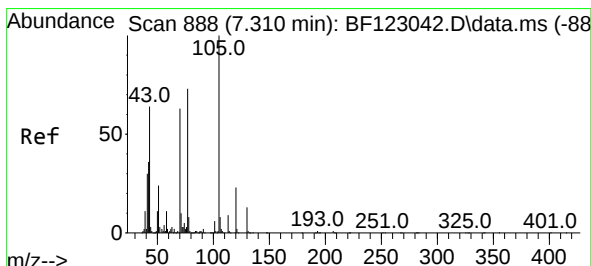
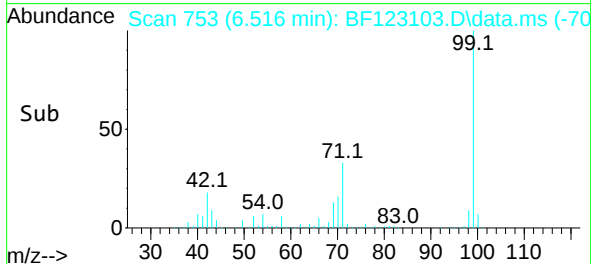
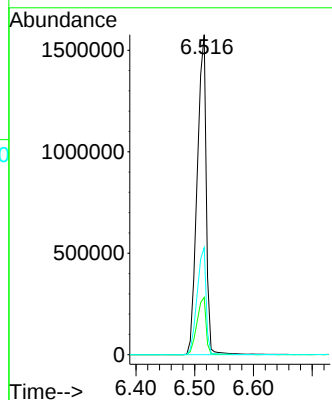
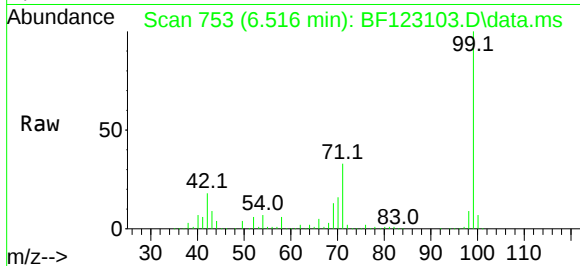


#7
Phenol-d6
Concen: 84.47 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123103.D
Acq: 3 Feb 2021 14:39

Instrument :
BNA_F
ClientSampleId :
OU421-003-1015

Tgt Ion: 99 Resp: 1687814

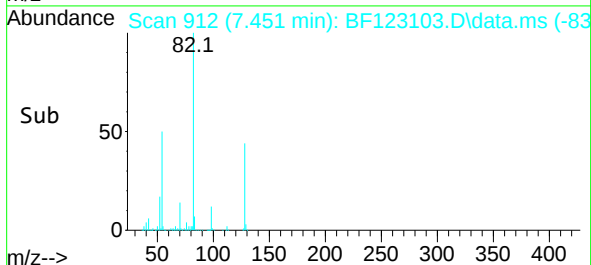
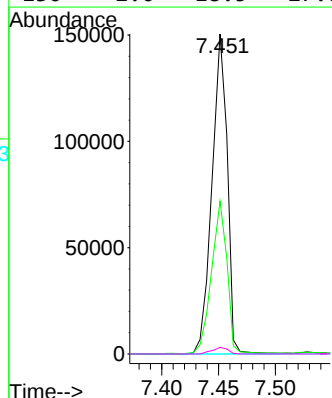
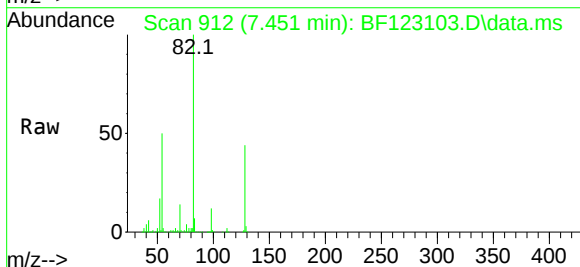
Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.8	20.6
71	33.4	26.9	40.3

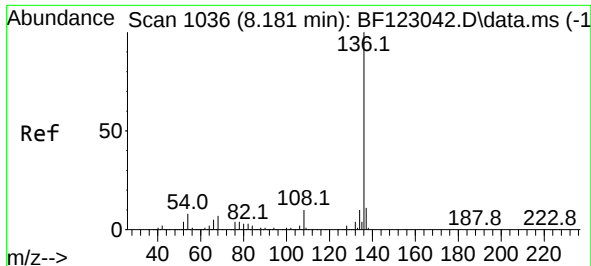


#19
n-Nitroso-di-n-propylamine
Concen: 11.72 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123103.D
Acq: 3 Feb 2021 14:39

Tgt Ion: 70 Resp: 140831

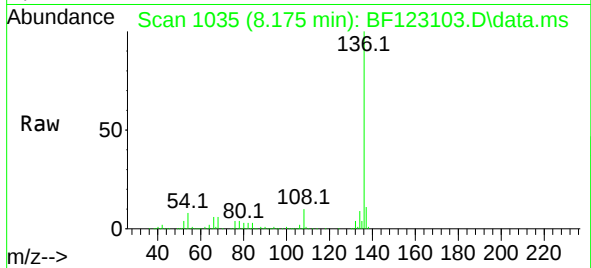
Ion	Ratio	Lower	Upper
70	100		
42	47.8	43.0	64.4
101	0.0	7.9	11.9#
130	2.0	18.5	27.7#



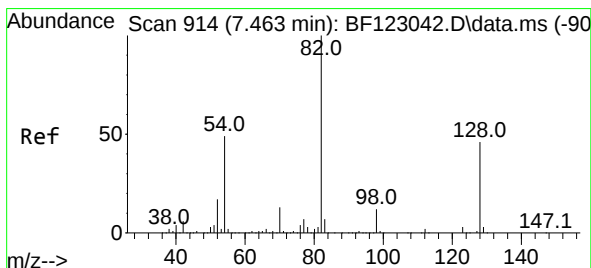
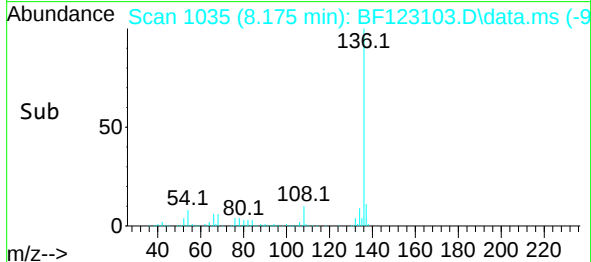
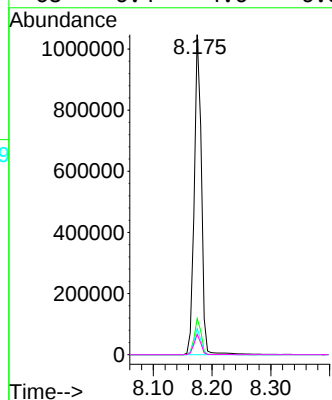


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123103.D
Acq: 3 Feb 2021 14:39

Instrument :
BNA_F
ClientSampleId :
OU421-003-1015

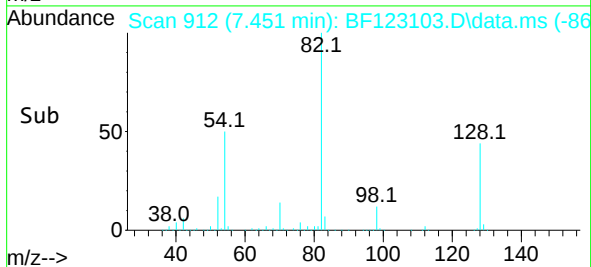
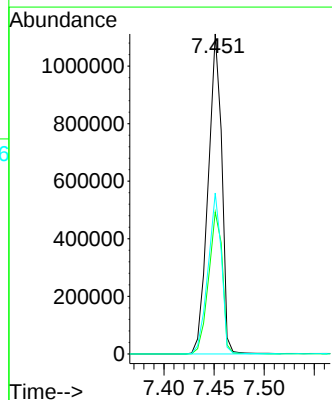
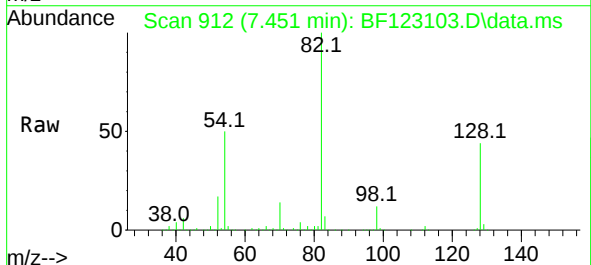


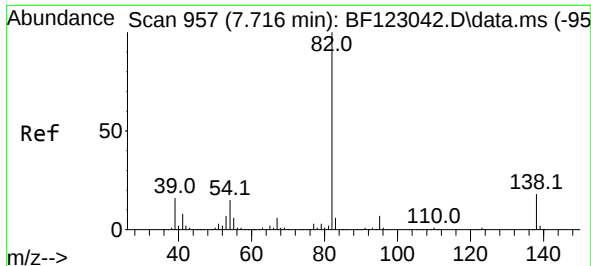
Tgt Ion:136 Resp: 887615
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.2 5.5 8.3
68 6.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 59.92 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123103.D
Acq: 3 Feb 2021 14:39

Tgt Ion: 82 Resp: 1056872
Ion Ratio Lower Upper
82 100
128 44.3 37.0 55.4
54 50.3 38.4 57.6

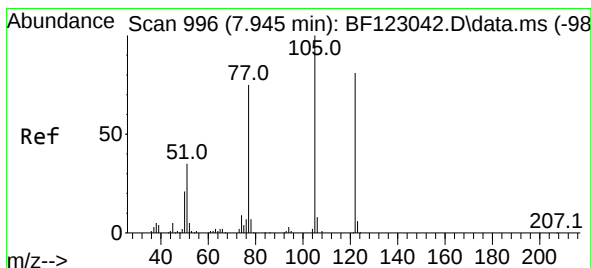
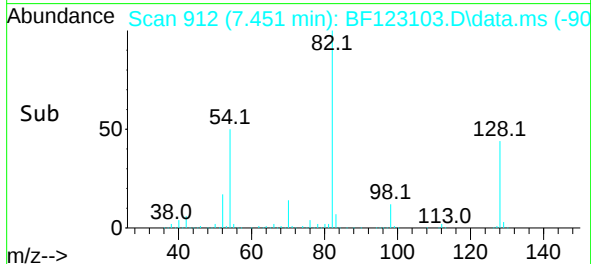
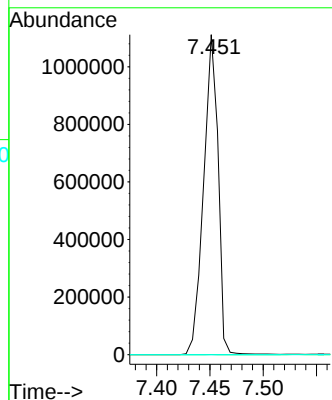
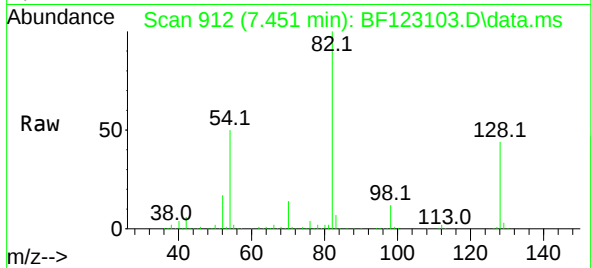




#25
Isophorone
Concen: 32.71 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123103.D
Acq: 3 Feb 2021 14:39

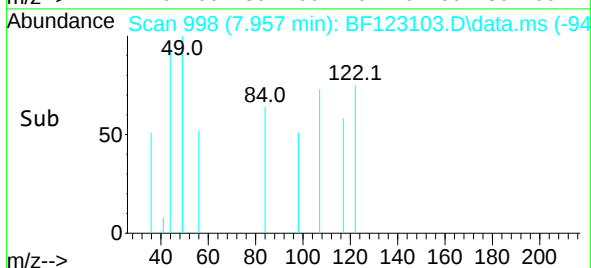
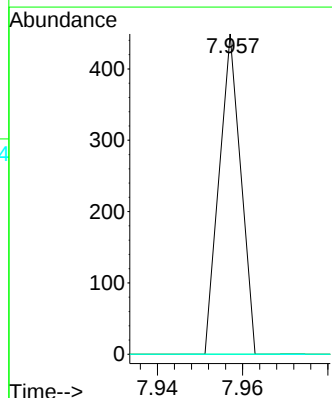
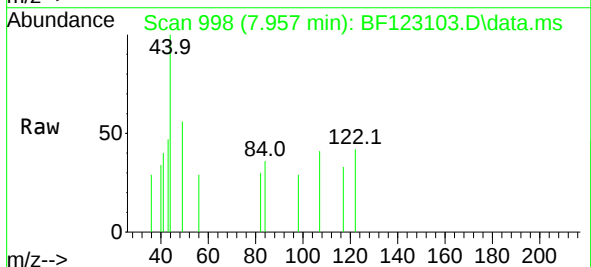
Instrument :
BNA_F
ClientSampleId :
OU421-003-1015

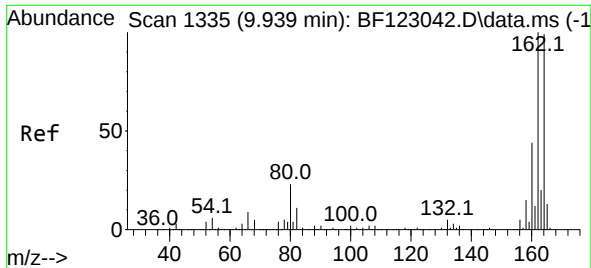
Tgt Ion: 82 Resp: 1056861
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 4.93 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.012 min
Lab File: BF123103.D
Acq: 3 Feb 2021 14:39

Tgt Ion: 122 Resp: 158
Ion Ratio Lower Upper
122 100
105 0.0 104.8 144.8#
77 0.0 71.0 111.0#

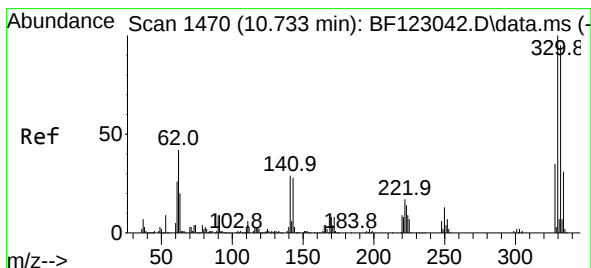
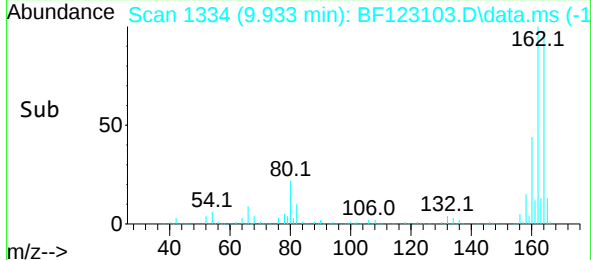
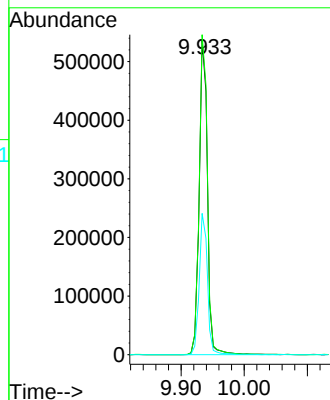
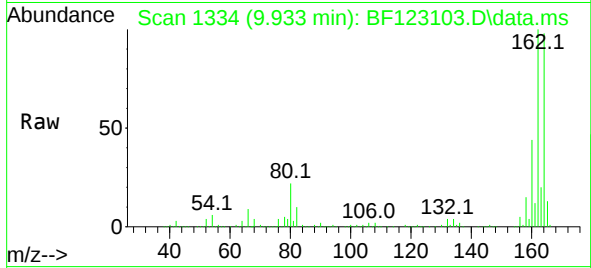




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123103.D
Acq: 3 Feb 2021 14:39

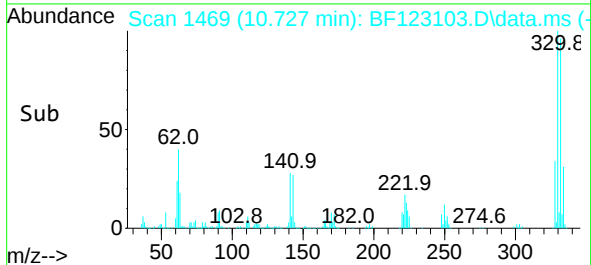
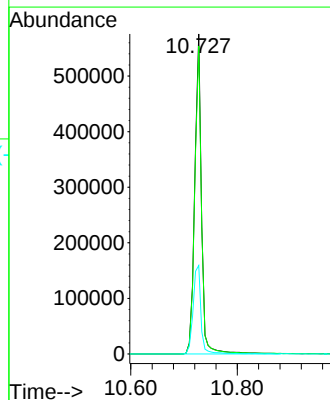
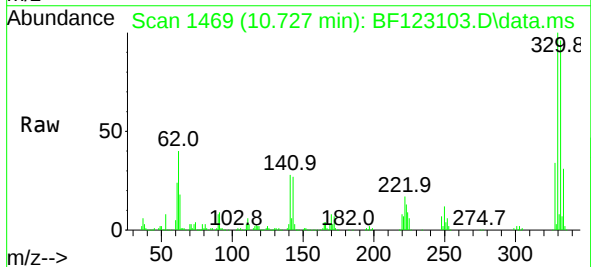
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ClientSampleId :
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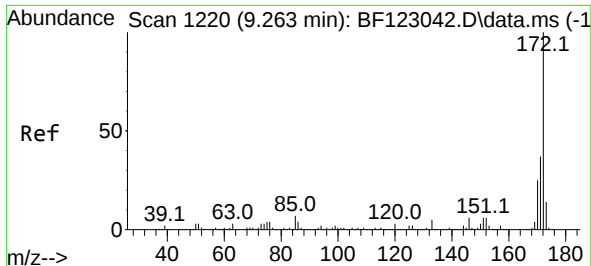
Tgt Ion:164 Resp: 483234
Ion Ratio Lower Upper
164 100
162 101.7 80.8 121.2
160 44.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 96.87 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123103.D
Acq: 3 Feb 2021 14:39

Tgt Ion:330 Resp: 508164
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 32.1 23.8 35.8

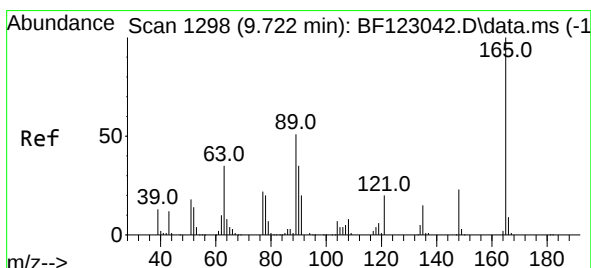
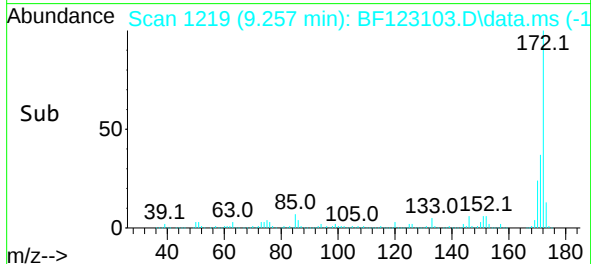
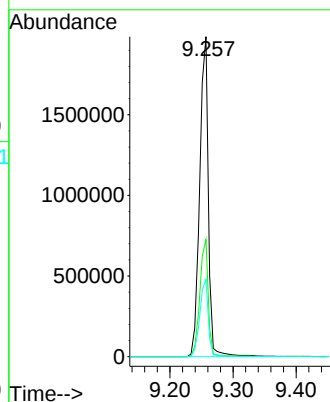
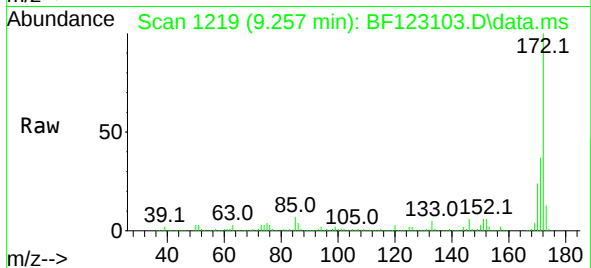




#45
2-Fluorobiphenyl
Concen: 58.40 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123103.D
Acq: 3 Feb 2021 14:39

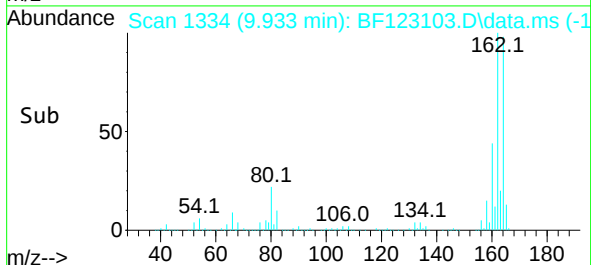
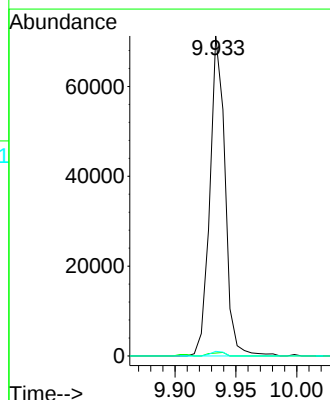
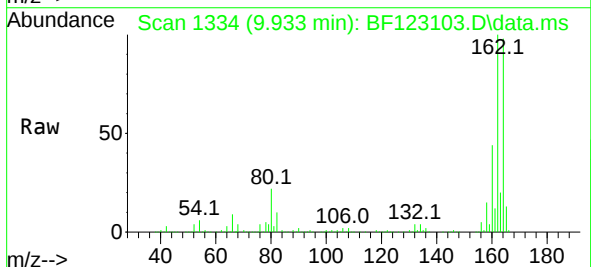
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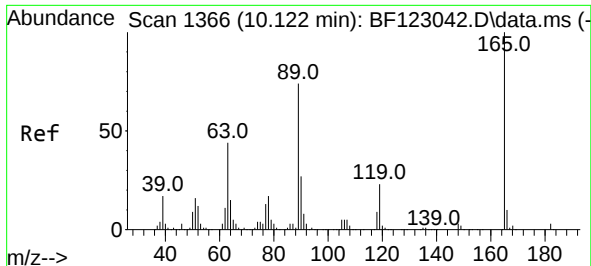
Tgt Ion:172 Resp: 1898405
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.2 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.68 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123103.D
Acq: 3 Feb 2021 14:39

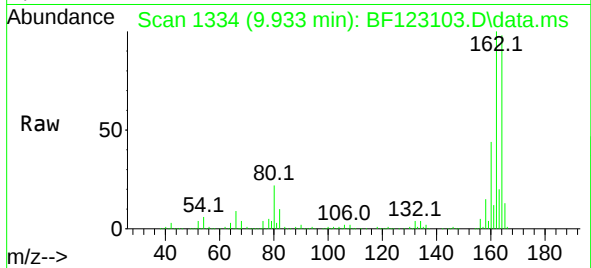
Tgt Ion:165 Resp: 62032
Ion Ratio Lower Upper
165 100
63 0.9 36.6 55.0#
89 1.4 39.4 59.0#



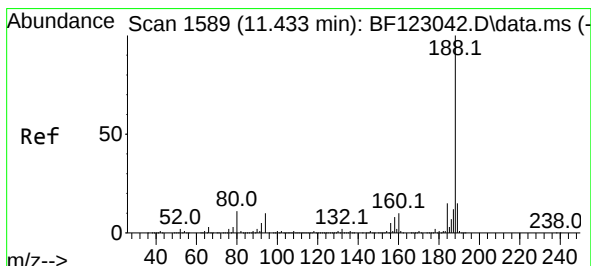
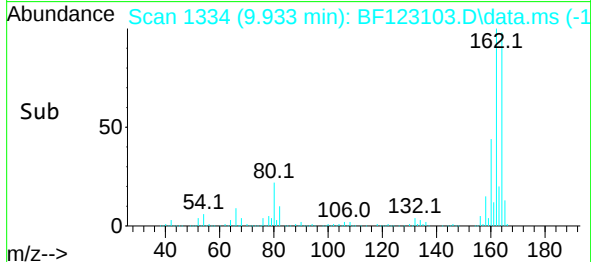
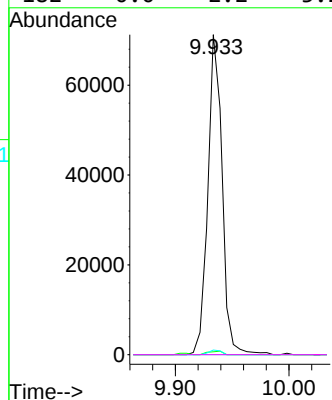


#57
2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123103.D
Acq: 3 Feb 2021 14:39

Instrument :
BNA_F
ClientSampleId :
OU421-003-1015

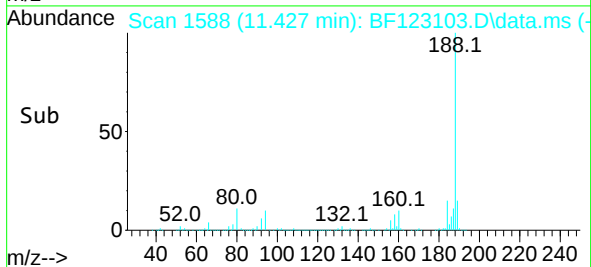
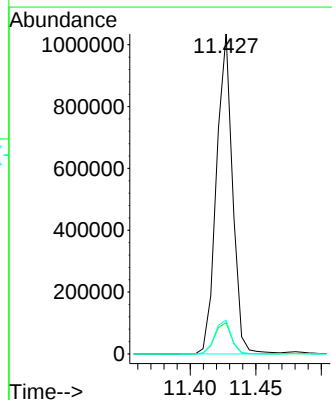
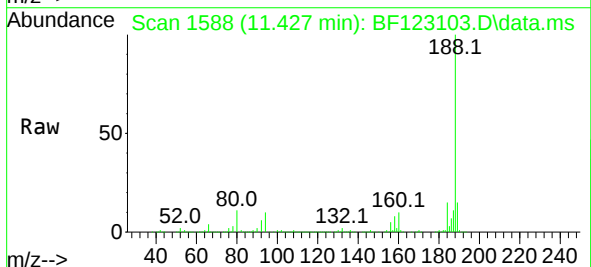


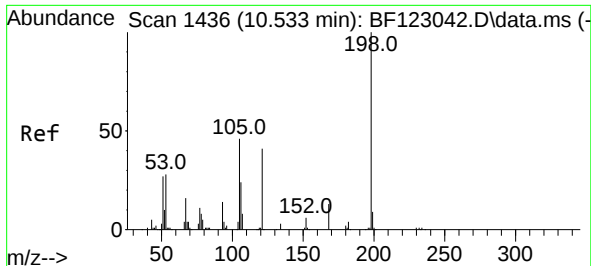
Tgt Ion:165 Resp: 62021
Ion Ratio Lower Upper
165 100
63 0.9 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123103.D
Acq: 3 Feb 2021 14:39

Tgt Ion:188 Resp: 882950
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.6 8.2 12.4

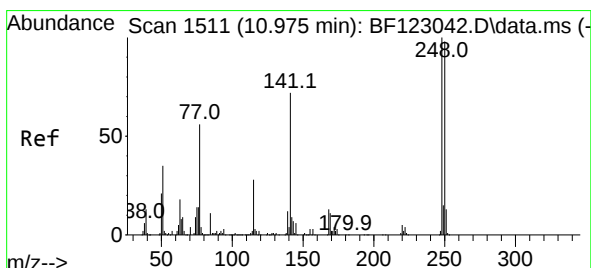
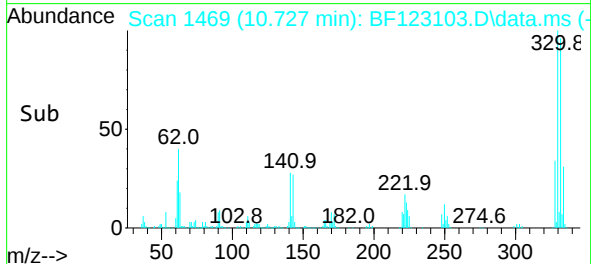
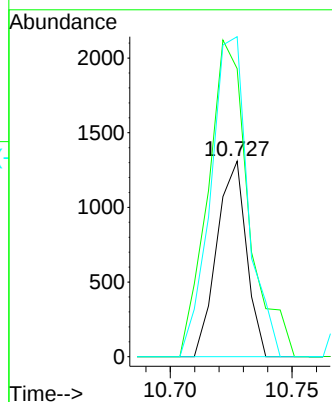
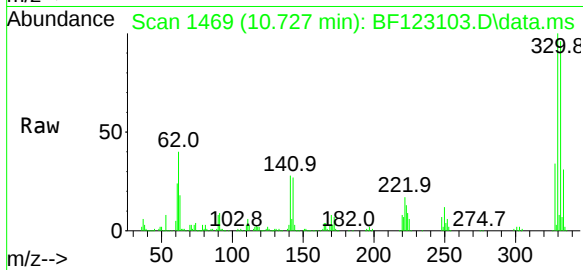




#65
4,6-Dinitro-2-methylphenol
Concen: 5.18 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123103.D
Acq: 3 Feb 2021 14:39

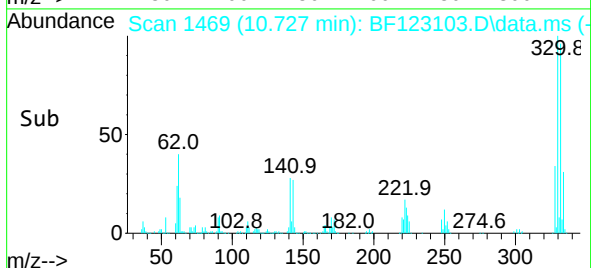
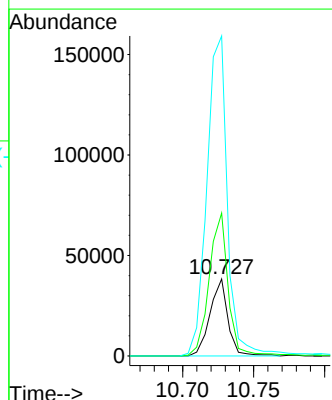
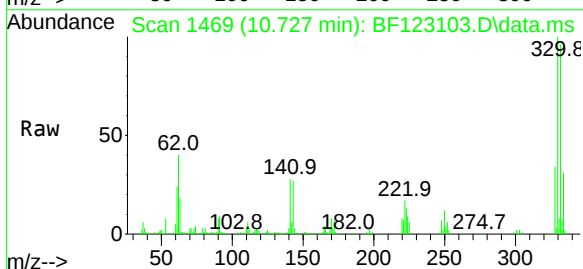
Instrument :
BNA_F
ClientSampleId :
OU421-003-1015

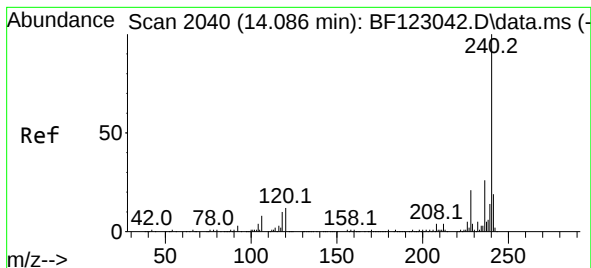
Tgt Ion:198 Resp: 1102
Ion Ratio Lower Upper
198 100
51 147.4 20.3 60.3#
105 163.7 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.02 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123103.D
Acq: 3 Feb 2021 14:39

Tgt Ion:248 Resp: 33928
Ion Ratio Lower Upper
248 100
250 185.7 76.8 115.2#
141 415.7 59.8 89.8#

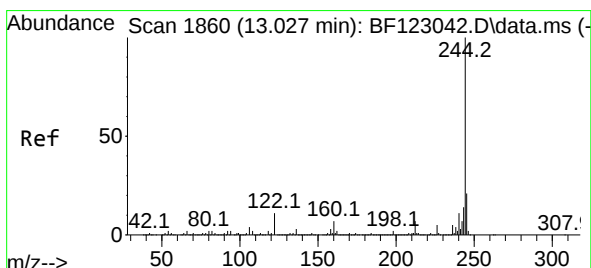
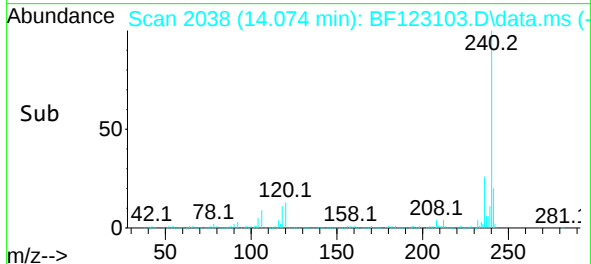
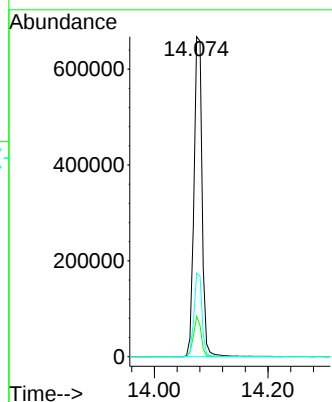
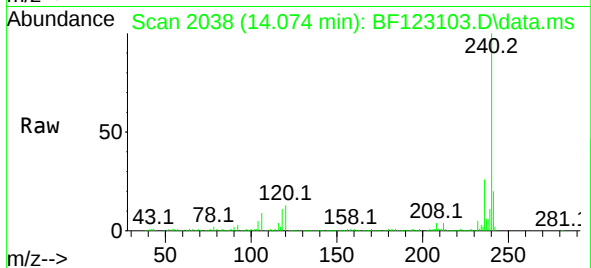




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123103.D
Acq: 3 Feb 2021 14:39

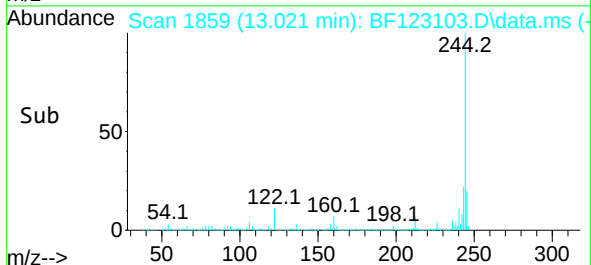
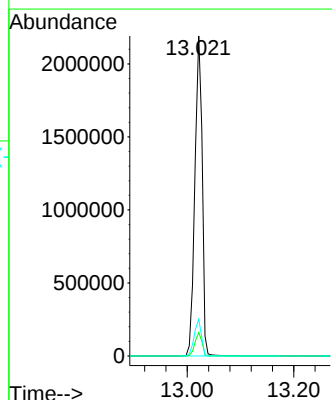
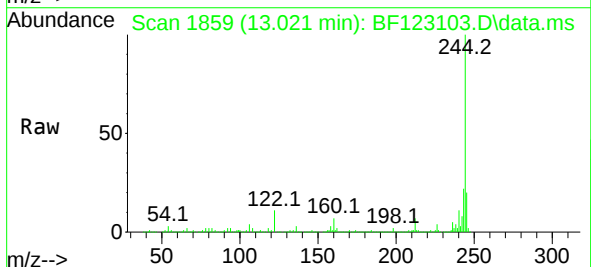
Instrument :
BNA_F
ClientSampleId :
OU421-003-1015

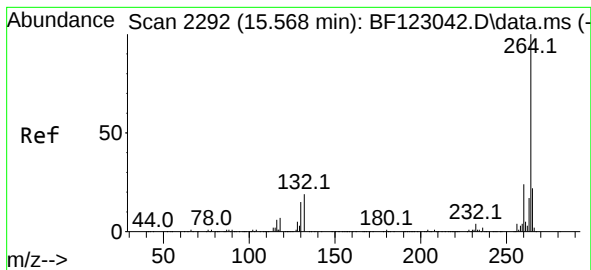
Tgt Ion:240 Resp: 666871
Ion Ratio Lower Upper
240 100
120 12.6 8.6 12.8
236 26.1 20.3 30.5



#79
Terphenyl-d14
Concen: 61.75 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123103.D
Acq: 3 Feb 2021 14:39

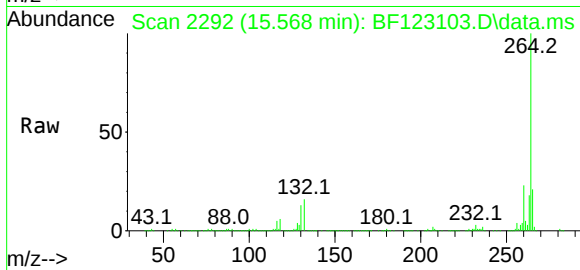
Tgt Ion:244 Resp: 2095868
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.5 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BF123103.D
Acq: 3 Feb 2021 14:39

Instrument :
BNA_F
ClientSampleId :
OU421-003-1015



Tgt Ion:264 Resp: 565962

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.1	17.0	25.6

