

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
 Data File : BF123113.D
 Acq On : 4 Feb 2021 14:04
 Operator : JU/CG
 Sample : M1291-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU421-005-0205

Quant Time: Feb 04 14:31:23 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)

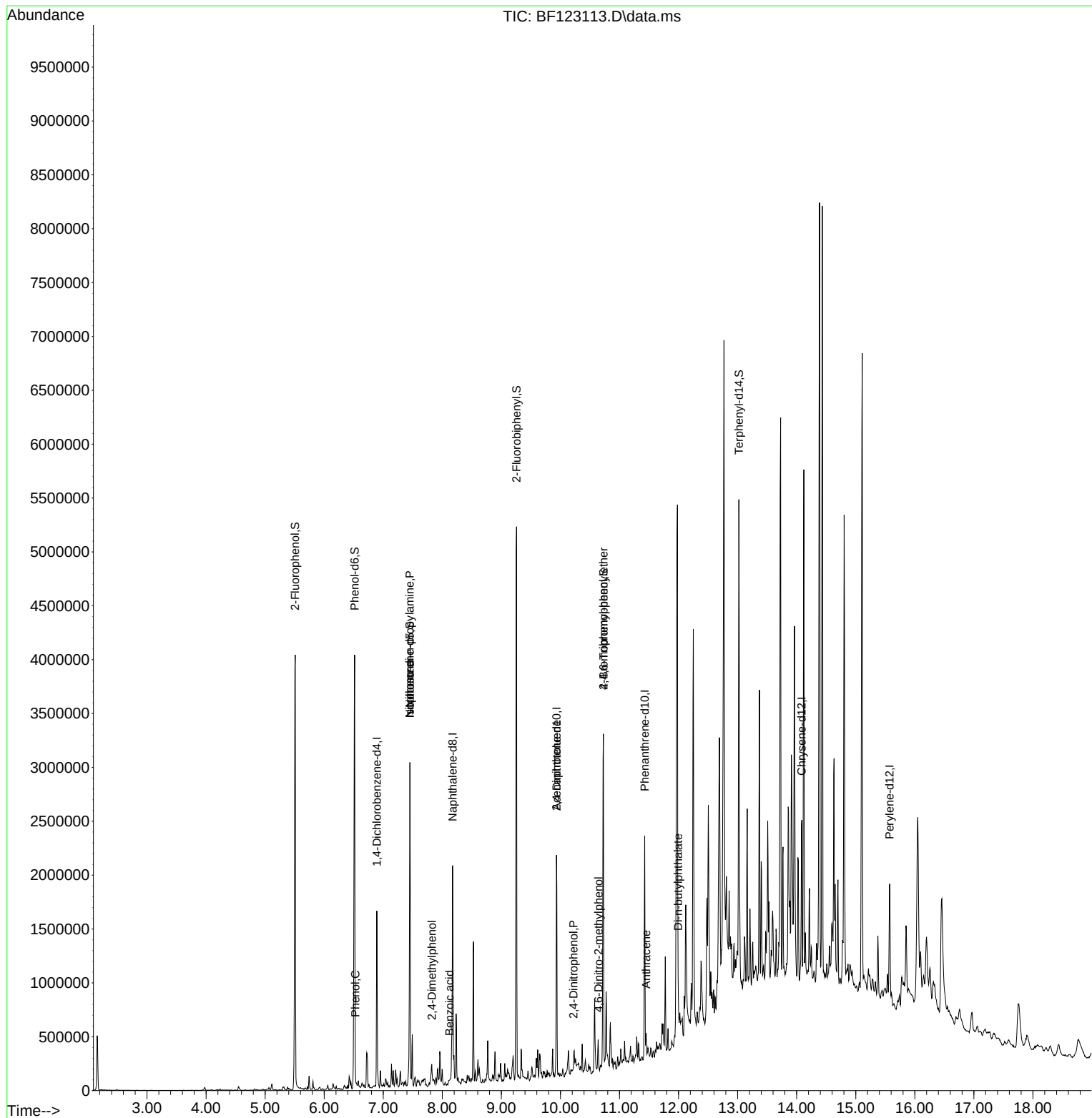
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	214879	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	812797	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	416333	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	679058	20.00	ng	0.00
76) Chrysene-d12	14.086	240	485357	20.00	ng	0.00
86) Perylene-d12	15.574	264	510277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1192295	85.59	ng	0.00
7) Phenol-d6	6.516	99	1525699	80.80	ng	0.00
23) Nitrobenzene-d5	7.451	82	961420	59.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	406008	89.83	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1703347	60.82	ng	0.00
79) Terphenyl-d14	13.021	244	1441267	58.34	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.528	94	59000	3.15	ng	85
19) n-Nitroso-di-n-propyla...	7.451	70	133175	11.73	ng	# 80
25) Isophorone	7.451	82	951478	32.16	ng	# 65
27) 2,4-Dimethylphenol	7.822	122	29576	2.38	ng	98
32) Benzoic acid	8.122	122	3405	5.22	ng	94
54) 2,4-Dinitrophenol	10.222	184	131	6.88	ng	# 1
57) 2,4-Dinitrotoluene	9.933	165	57843	6.39	ng	# 27
65) 4,6-Dinitro-2-methylph...	10.645	198	139	5.01	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	27654	3.20	ng	# 1
72) Anthracene	11.451	178	83615	2.07	ng	99
74) Di-n-butylphthalate	11.992	149	106973	2.40	ng	99

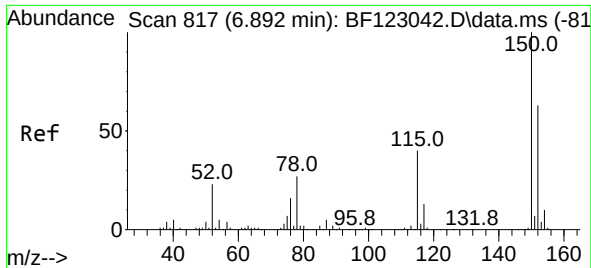
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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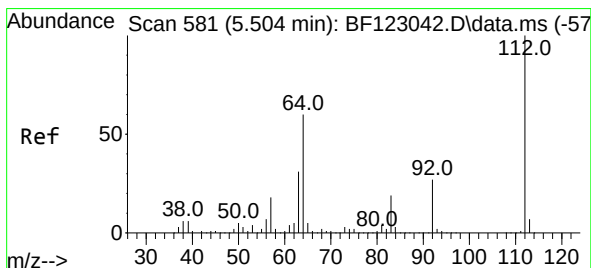
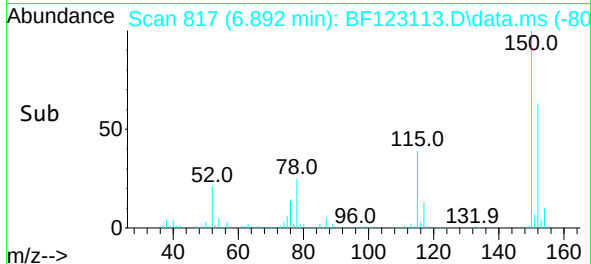
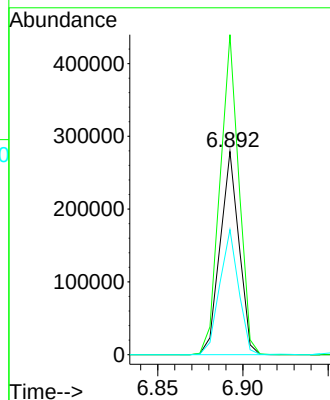
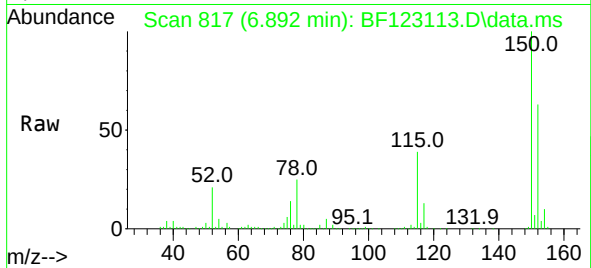




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF123113.D
 Acq: 4 Feb 2021 14:04

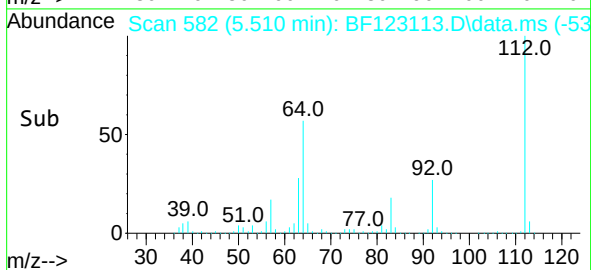
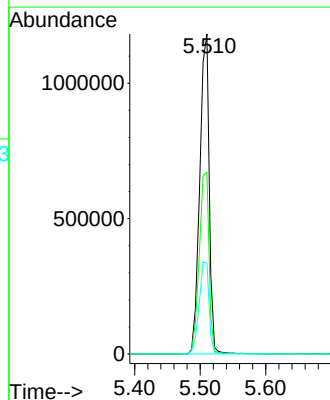
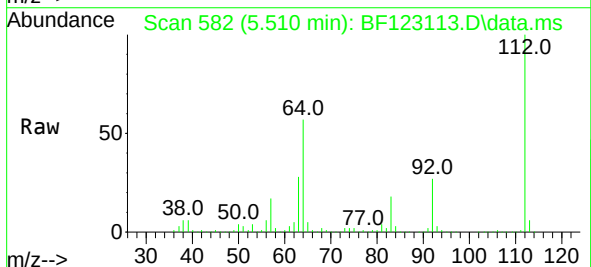
Instrument :
 BNA_F
 ClientSampleId :
 OU421-005-0205

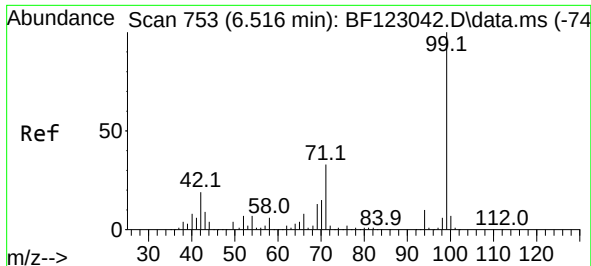
Tgt Ion:152 Resp: 214879
 Ion Ratio Lower Upper
 152 100
 150 157.5 125.8 188.6
 115 61.6 49.3 73.9



#5
 2-Fluorophenol
 Concen: 85.59 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.006 min
 Lab File: BF123113.D
 Acq: 4 Feb 2021 14:04

Tgt Ion:112 Resp: 1192295
 Ion Ratio Lower Upper
 112 100
 64 56.7 46.9 70.3
 63 28.5 24.5 36.7



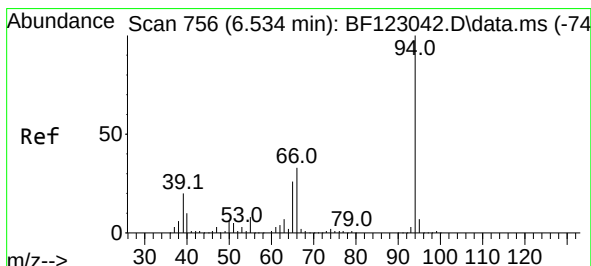
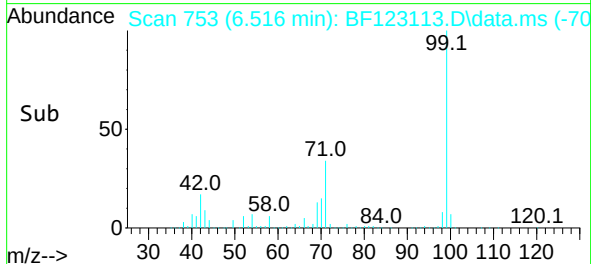
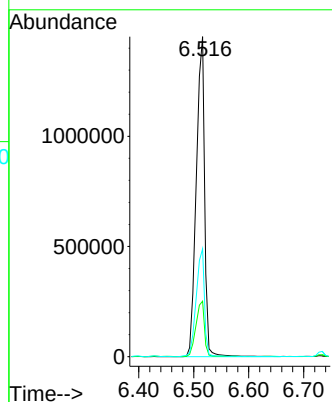
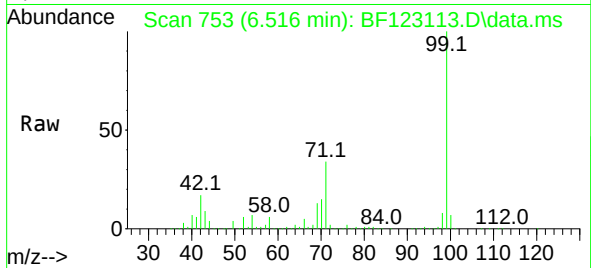


#7
Phenol-d6
Concen: 80.80 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

Instrument :
BNA_F
ClientSampleId :
OU421-005-0205

Tgt Ion: 99 Resp: 1525699

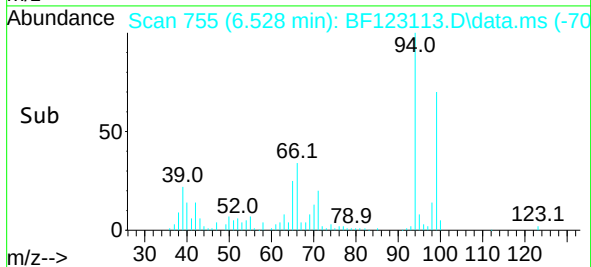
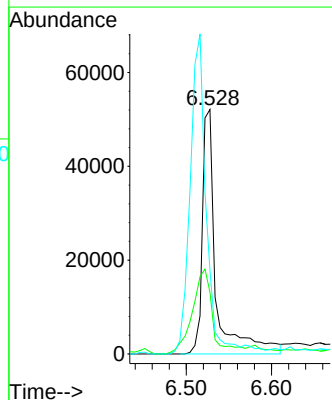
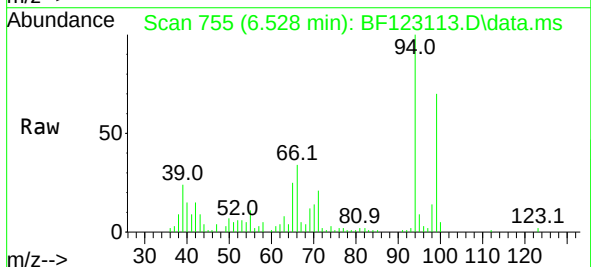
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	33.7	26.9	40.3

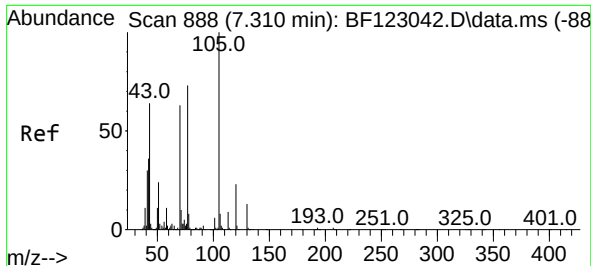


#10
Phenol
Concen: 3.15 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

Tgt Ion: 94 Resp: 59000

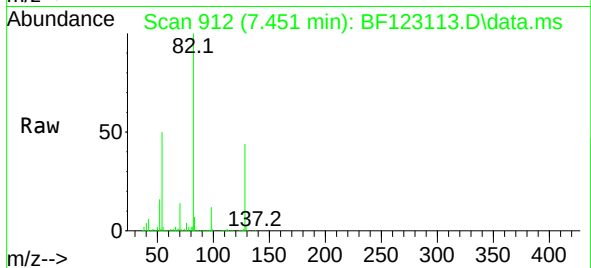
Ion	Ratio	Lower	Upper
94	100		
65	25.2	11.2	51.2
66	34.1	25.8	65.8



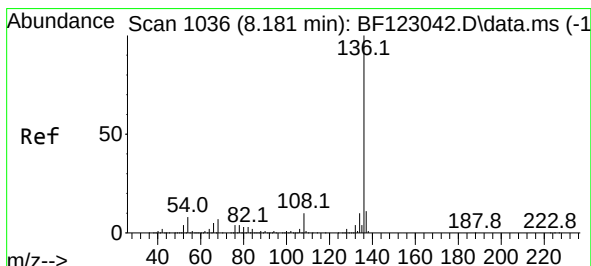
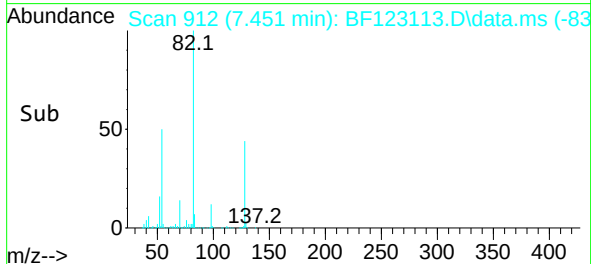
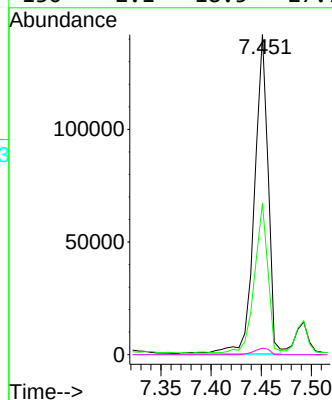


#19
n-Nitroso-di-n-propylamine
Concen: 11.73 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

Instrument :
BNA_F
ClientSampleId :
OU421-005-0205

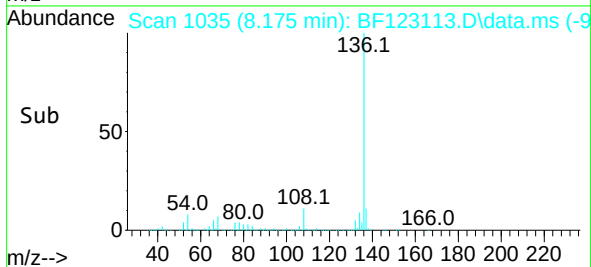
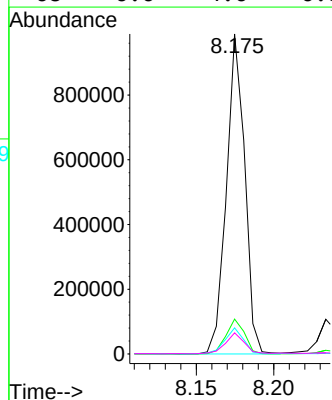
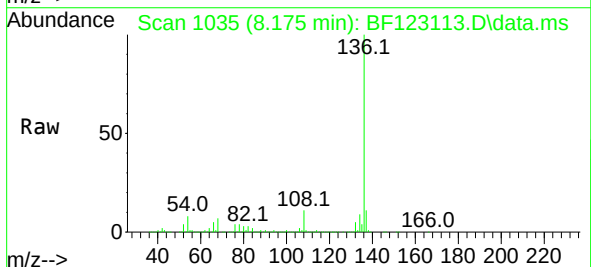


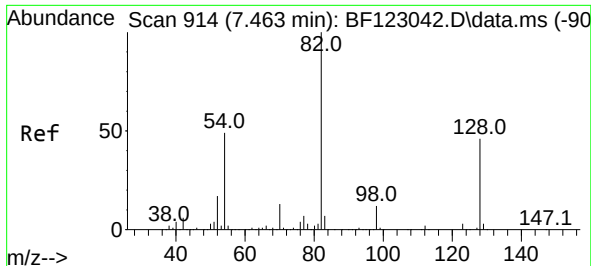
Tgt Ion: 70 Resp: 133175
Ion Ratio Lower Upper
70 100
42 47.3 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

Tgt Ion: 136 Resp: 812797
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.2 5.5 8.3
68 6.6 4.6 6.8

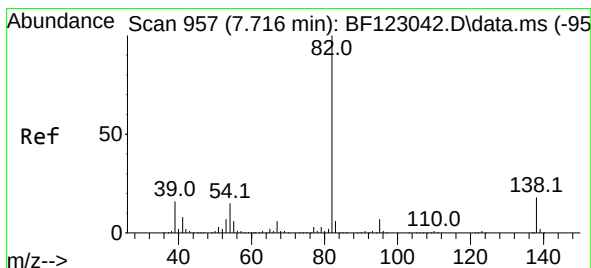
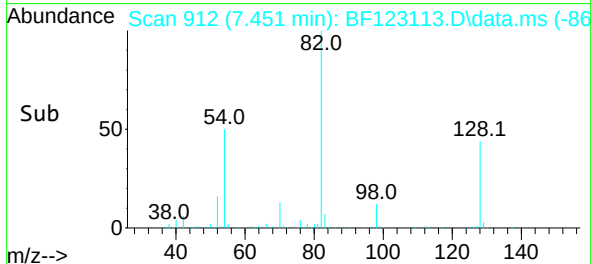
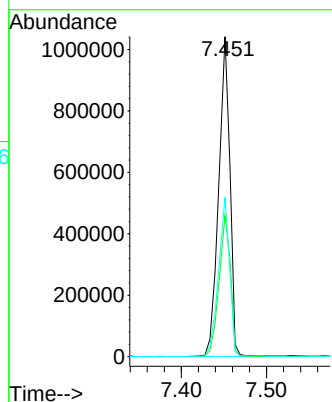
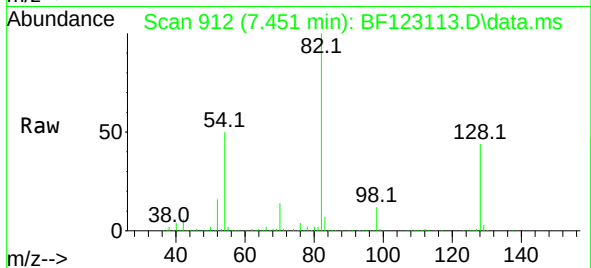




#23
Nitrobenzene-d5
Concen: 59.53 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

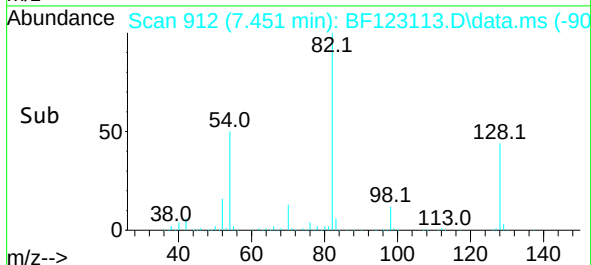
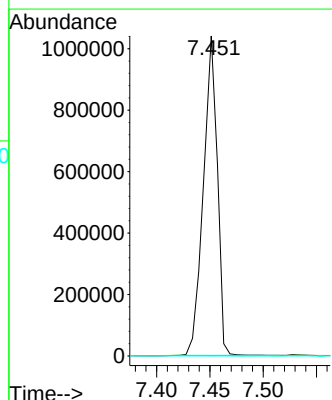
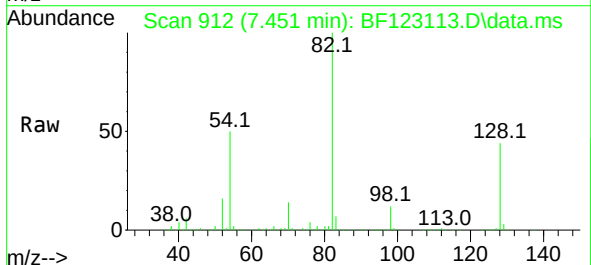
Instrument :
BNA_F
ClientSampleId :
OU421-005-0205

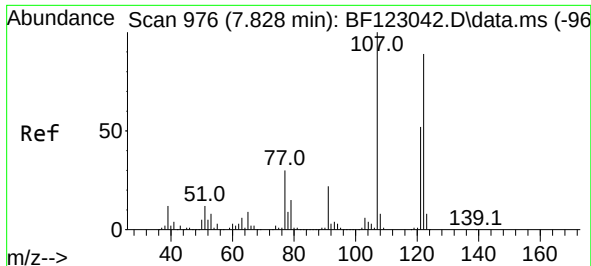
Tgt Ion: 82 Resp: 961420
Ion Ratio Lower Upper
82 100
128 44.1 37.0 55.4
54 49.8 38.4 57.6



#25
Isophorone
Concen: 32.16 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

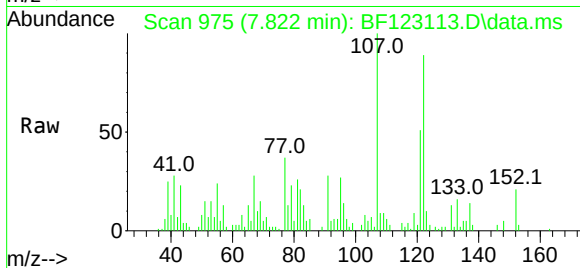
Tgt Ion: 82 Resp: 951478
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



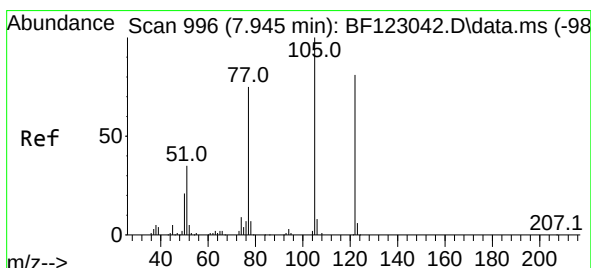
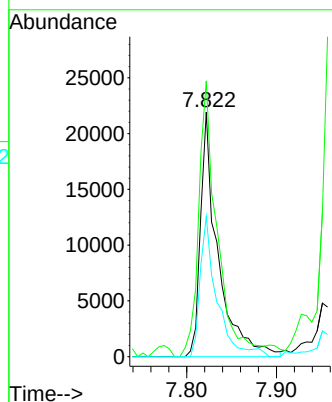
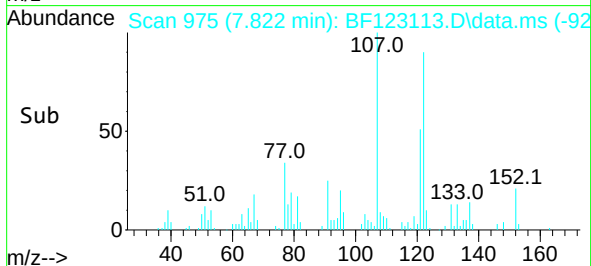


#27
2,4-Dimethylphenol
Concen: 2.38 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

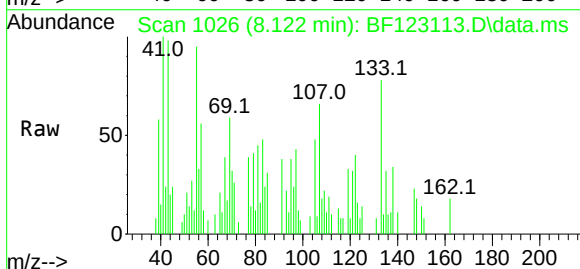
Instrument :
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ClientSampleId :
OU421-005-0205



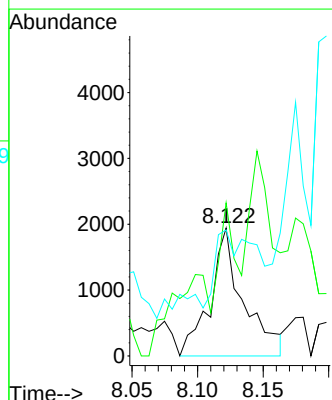
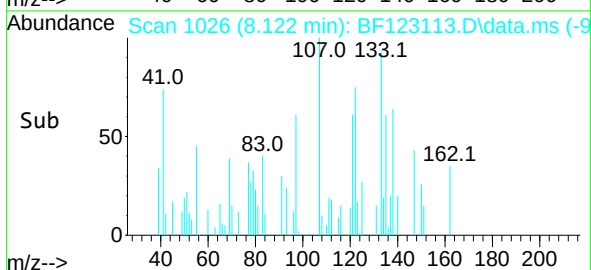
Tgt Ion:122 Resp: 29576
Ion Ratio Lower Upper
122 100
107 112.8 91.8 137.8
121 57.3 47.3 70.9

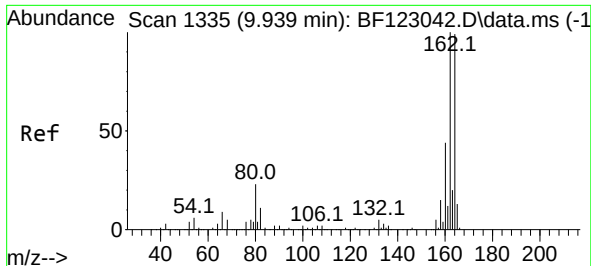


#32
Benzoic acid
Concen: 5.22 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.177 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04



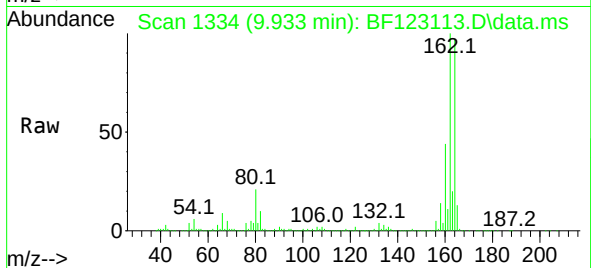
Tgt Ion:122 Resp: 3405
Ion Ratio Lower Upper
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105 119.8 104.8 144.8
77 98.7 71.0 111.0



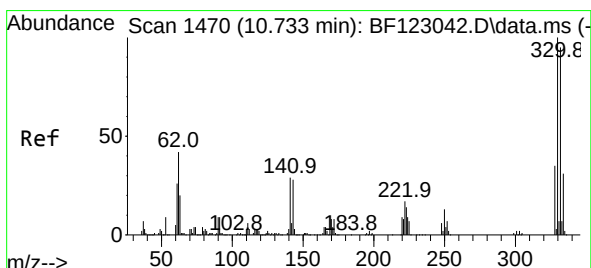
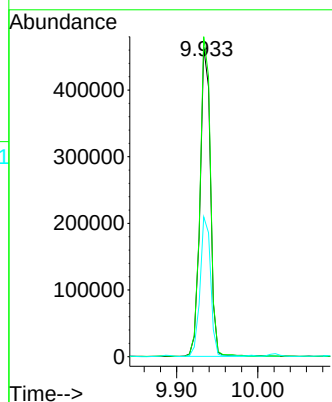
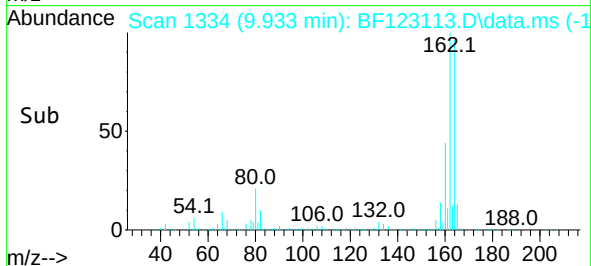


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

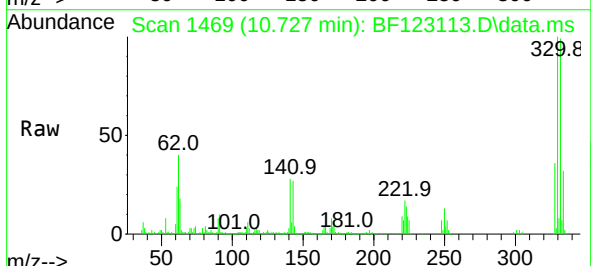
Instrument :
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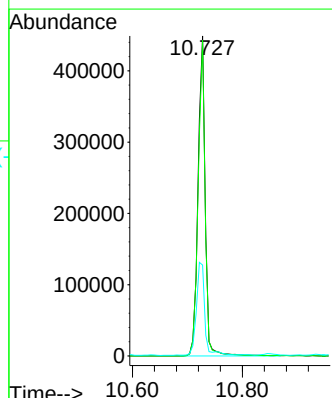
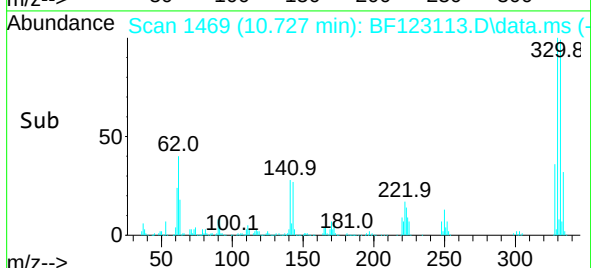
Tgt Ion:164 Resp: 416333
Ion Ratio Lower Upper
164 100
162 103.4 80.8 121.2
160 45.2 35.4 53.0

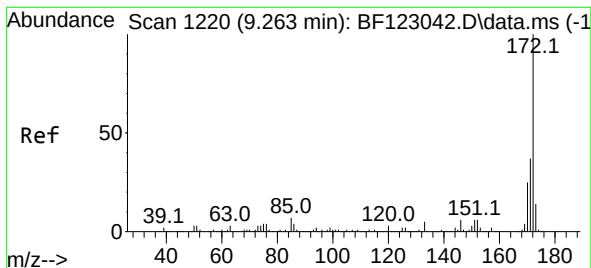


#42
2,4,6-Tribromophenol
Concen: 89.83 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04



Tgt Ion:330 Resp: 406008
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 34.1 23.8 35.8

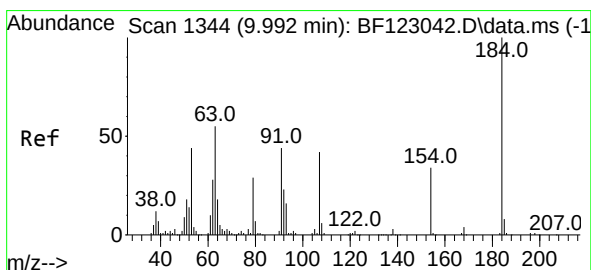
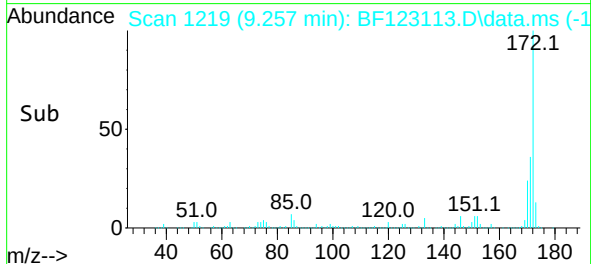
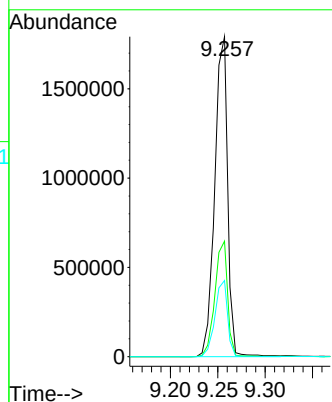
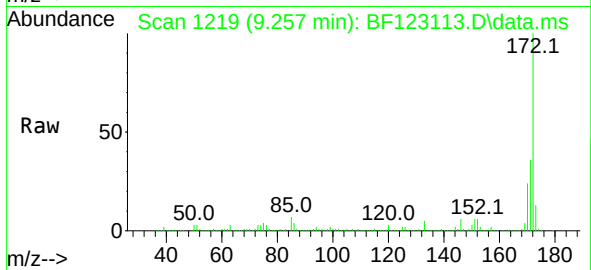




#45
2-Fluorobiphenyl
Concen: 60.82 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

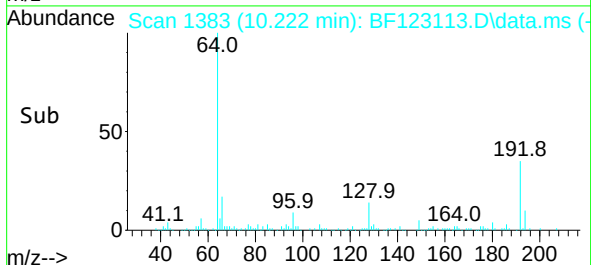
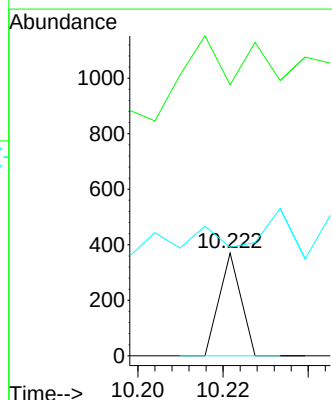
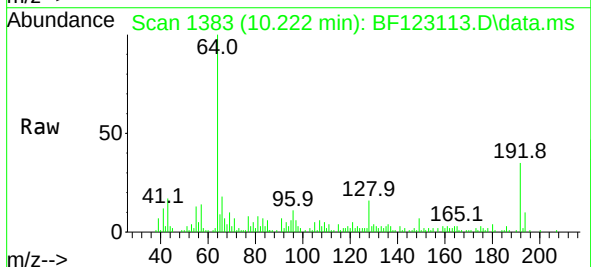
Instrument :
BNA_F
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OU421-005-0205

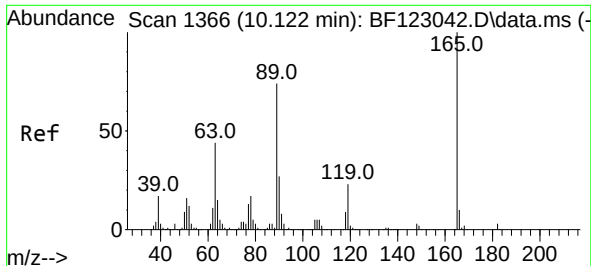
Tgt Ion:172 Resp: 1703347
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.8 19.5 29.3



#54
2,4-Dinitrophenol
Concen: 6.88 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.230 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

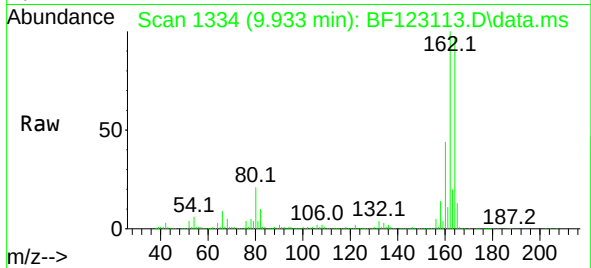
Tgt Ion:184 Resp: 131
Ion Ratio Lower Upper
184 100
63 263.8 51.4 77.2#
154 105.7 49.7 74.5#



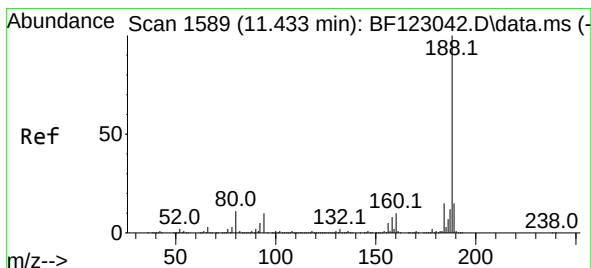
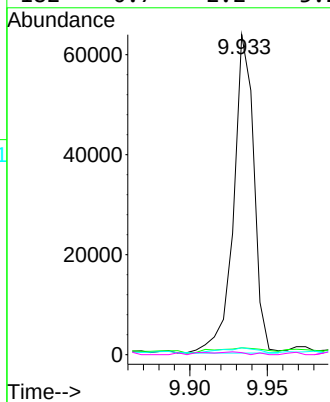
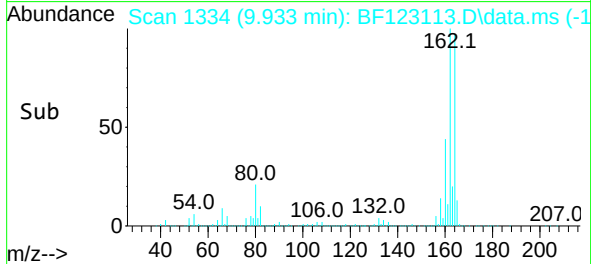


#57
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

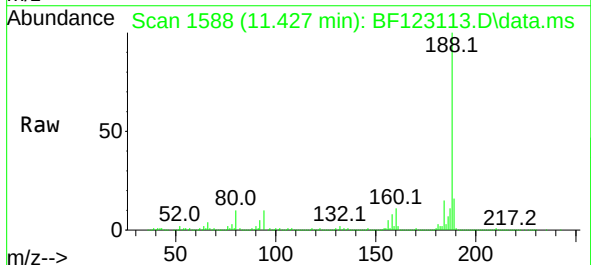
Instrument :
BNA_F
ClientSampleId :
OU421-005-0205



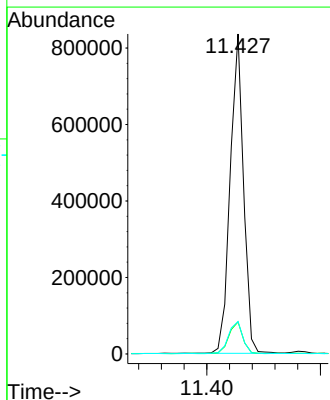
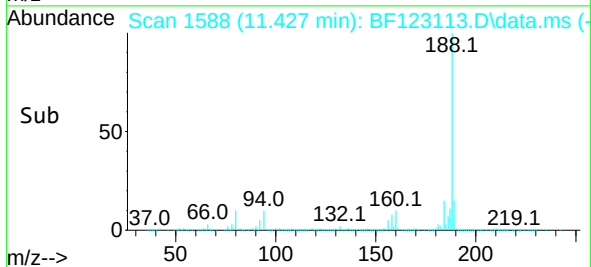
Tgt Ion:165 Resp: 57843
Ion Ratio Lower Upper
165 100
63 2.2 34.3 51.5#
89 2.2 55.2 82.8#
182 0.7 2.2 3.2#

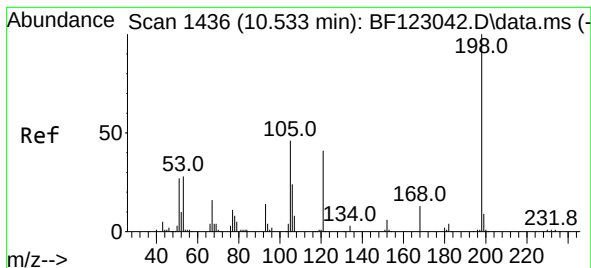


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04



Tgt Ion:188 Resp: 679058
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.1 8.2 12.4

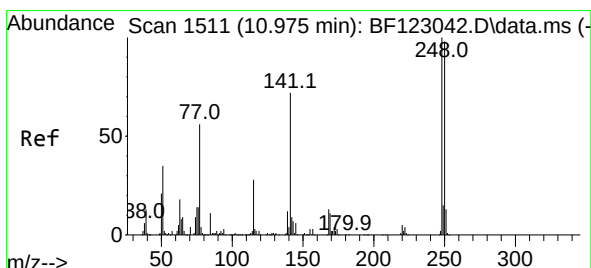
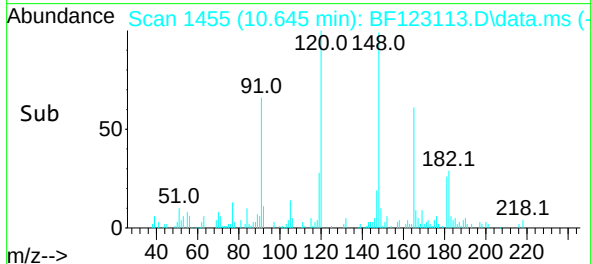
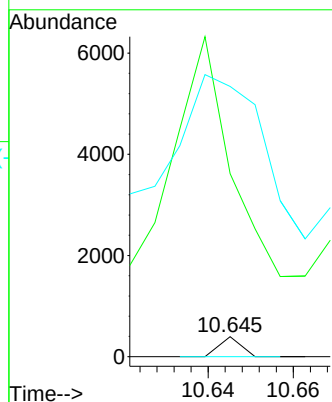
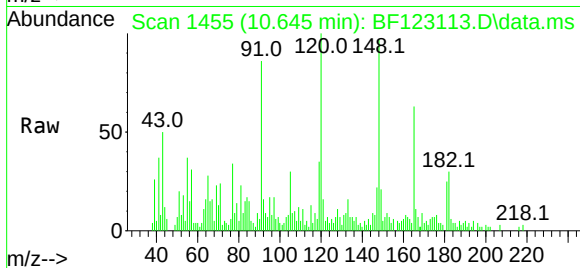




#65
4,6-Dinitro-2-methylphenol
Concen: 5.01 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.112 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

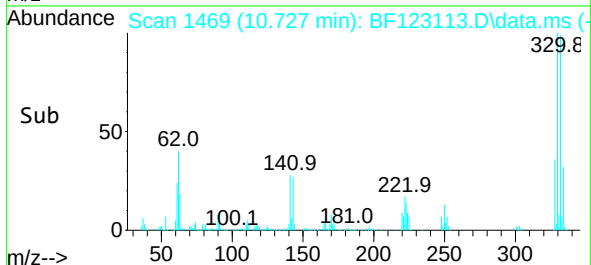
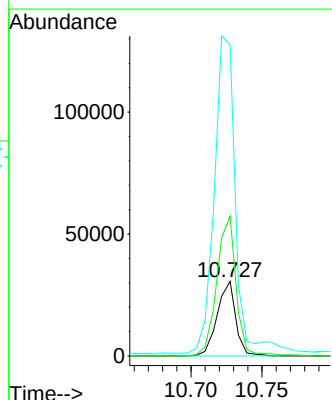
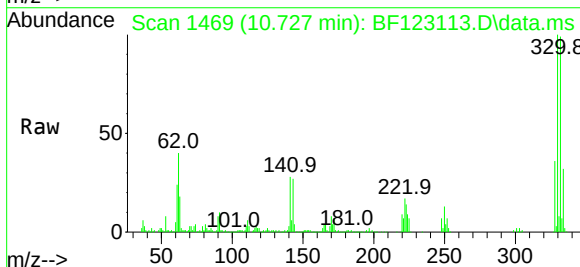
Instrument :
BNA_F
ClientSampleId :
OU421-005-0205

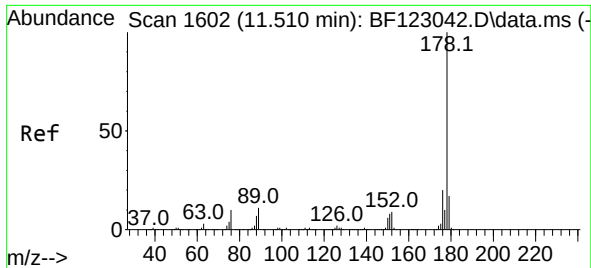
Tgt Ion:198 Resp: 139
Ion Ratio Lower Upper
198 100
51 918.3 20.3 60.3#
105 1356.1 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.20 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

Tgt Ion:248 Resp: 27654
Ion Ratio Lower Upper
248 100
250 187.8 76.8 115.2#
141 417.3 59.8 89.8#

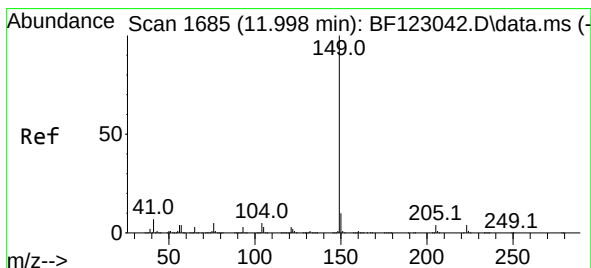
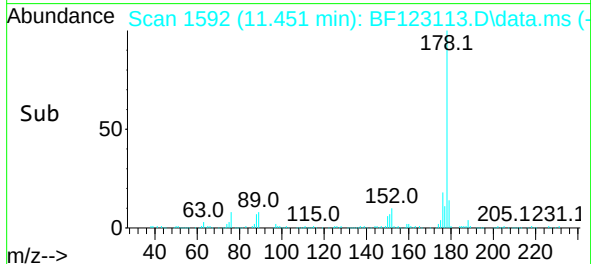
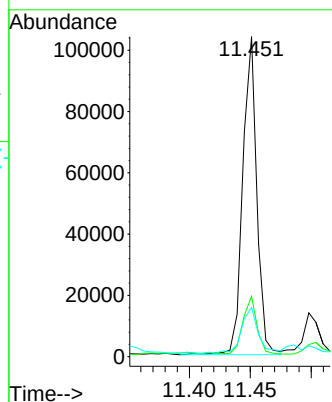
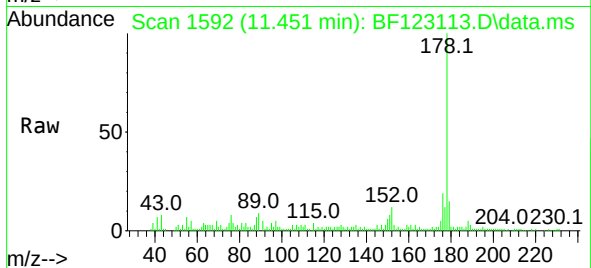




#72
 Anthracene
 Concen: 2.07 ng
 RT: 11.451 min Scan# 1592
 Delta R.T. -0.059 min
 Lab File: BF123113.D
 Acq: 4 Feb 2021 14:04

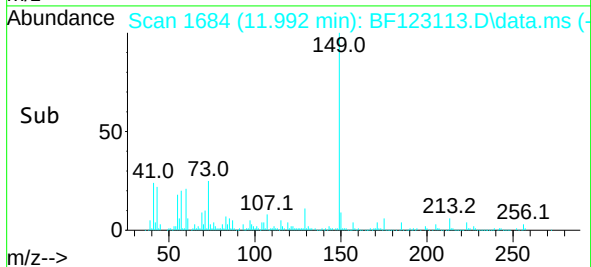
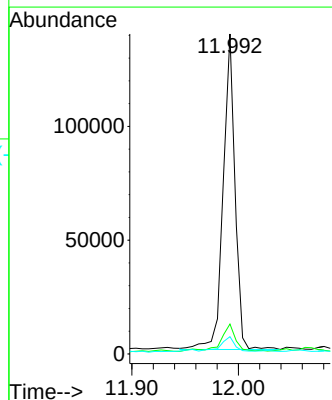
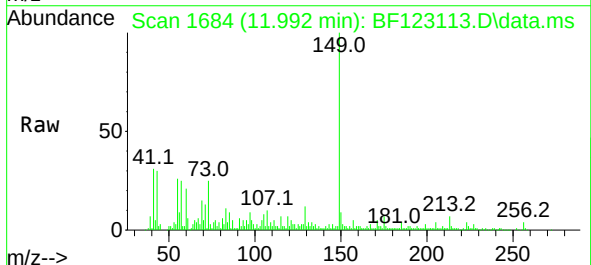
Instrument :
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 ClientSampleId :
 OU421-005-0205

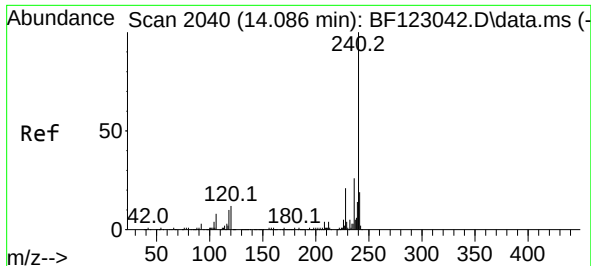
Tgt Ion:178 Resp: 83615
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.4 12.8 19.2



#74
 Di-n-butylphthalate
 Concen: 2.40 ng
 RT: 11.992 min Scan# 1684
 Delta R.T. -0.006 min
 Lab File: BF123113.D
 Acq: 4 Feb 2021 14:04

Tgt Ion:149 Resp: 106973
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 5.4 4.2 6.4

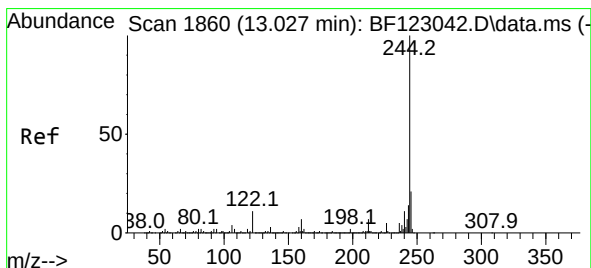
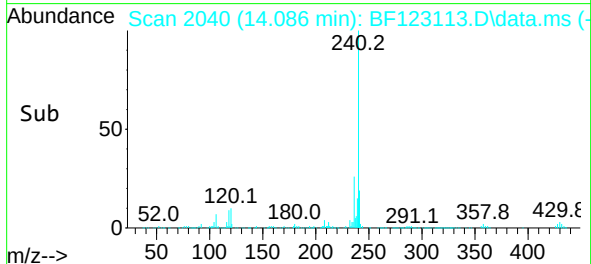
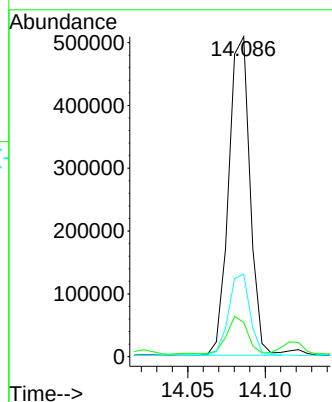
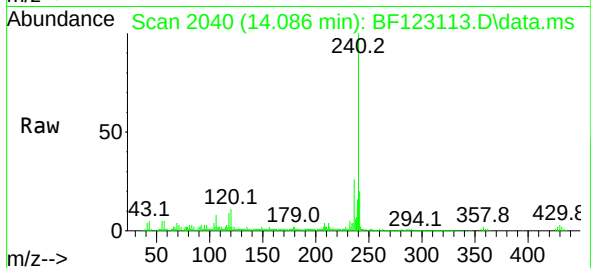




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

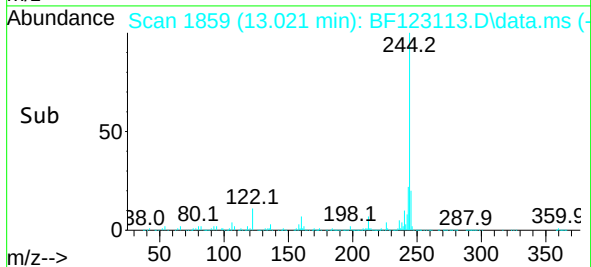
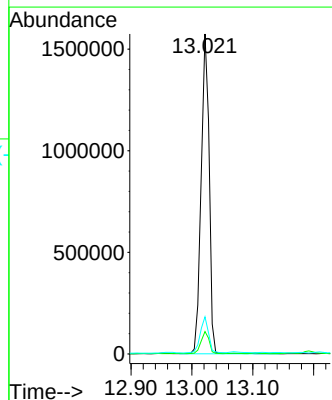
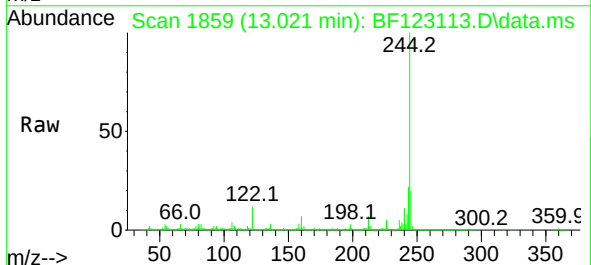
Instrument :
BNA_F
ClientSampleId :
OU421-005-0205

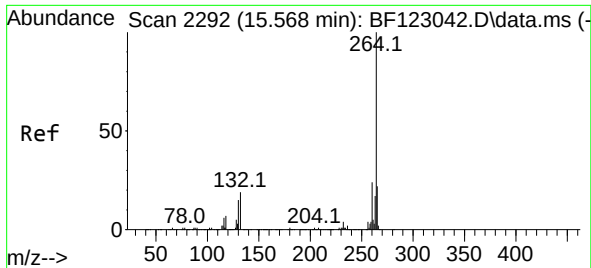
Tgt Ion:240 Resp: 485357
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 25.8 20.3 30.5



#79
Terphenyl-d14
Concen: 58.34 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

Tgt Ion:244 Resp: 1441267
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.6 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.006 min
 Lab File: BF123113.D
 Acq: 4 Feb 2021 14:04

Instrument :
 BNA_F
 ClientSampleId :
 OU421-005-0205

Tgt Ion:264 Resp: 510277
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.6 28.0
 265 22.0 17.0 25.6

