

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022621\
 Data File : BF123313.D
 Acq On : 26 Feb 2021 20:54
 Operator : JU/CG
 Sample : M1476-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ML-CON

Quant Time: Feb 26 23:29:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

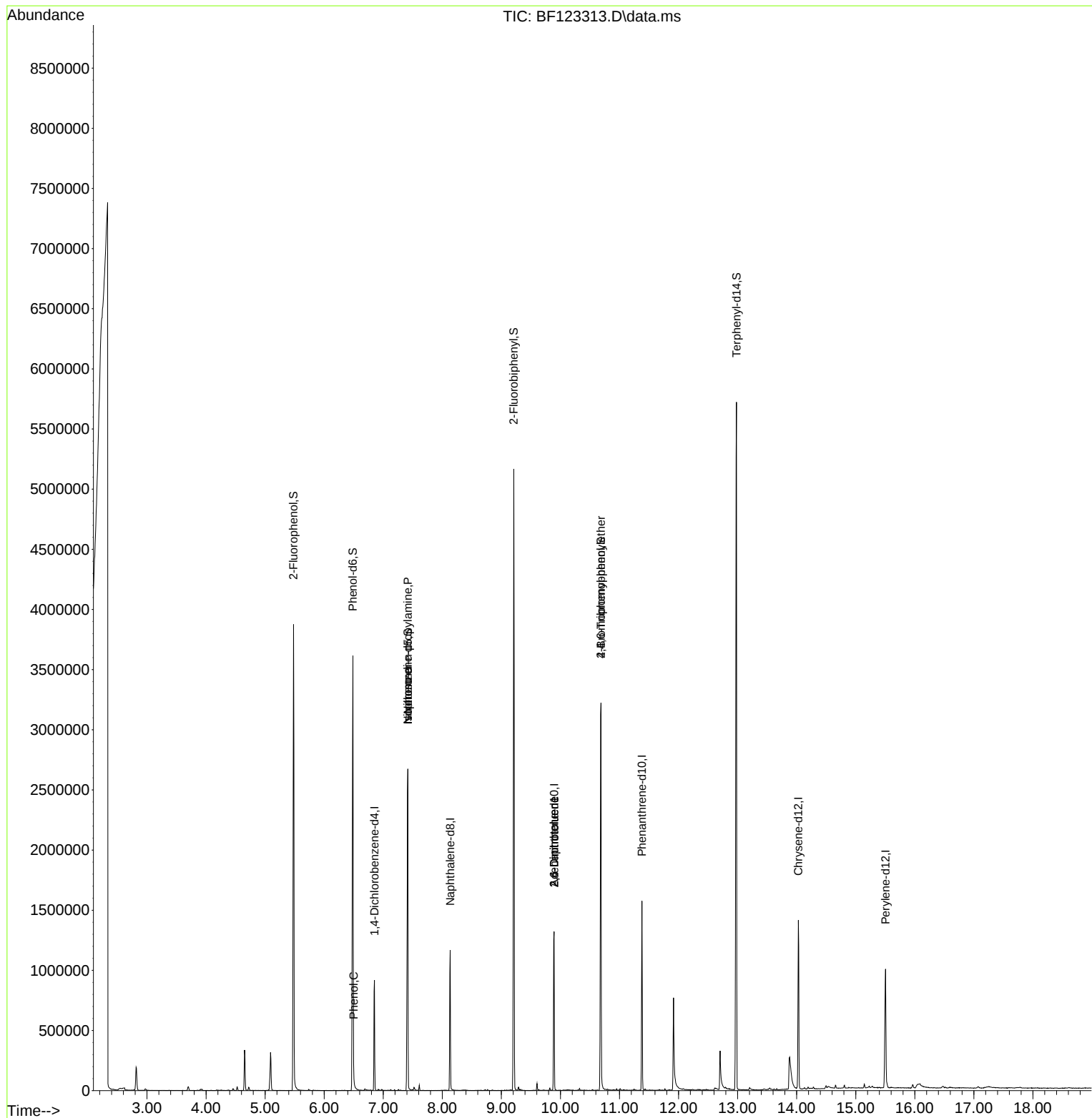
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	120900	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	491349	20.00	ng	-0.01
39) Acenaphthene-d10	9.892	164	262050	20.00	ng	-0.01
64) Phenanthrene-d10	11.380	188	504928	20.00	ng	-0.01
76) Chrysene-d12	14.027	240	463412	20.00	ng	-0.02
86) Perylene-d12	15.504	264	419436	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1052005	125.25	ng	0.00
7) Phenol-d6	6.487	99	1244521	109.06	ng	0.00
23) Nitrobenzene-d5	7.416	82	939921	87.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	372088	139.45	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1521199	83.38	ng	-0.01
79) Terphenyl-d14	12.980	244	1857638	77.08	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	2263	Below Cal	#	1
10) Phenol	6.498	94	25410	2.04	ng	95
19) n-Nitroso-di-n-propyla...	7.416	70	130567	19.23	ng	# 78
25) Isophorone	7.416	82	934304	46.55	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	33583	7.44	ng	# 32
57) 2,4-Dinitrotoluene	9.892	165	33583	5.53	ng	# 26
67) 4-Bromophenyl-phenylether	10.686	248	27185	4.94	ng	# 1

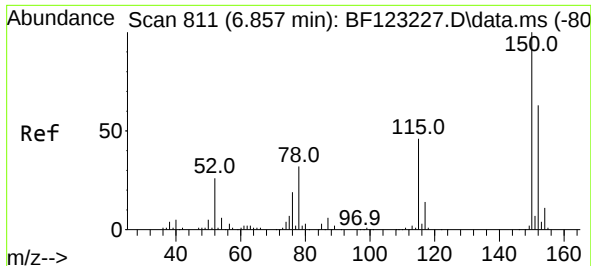
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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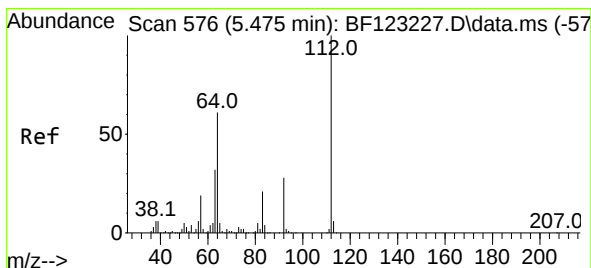
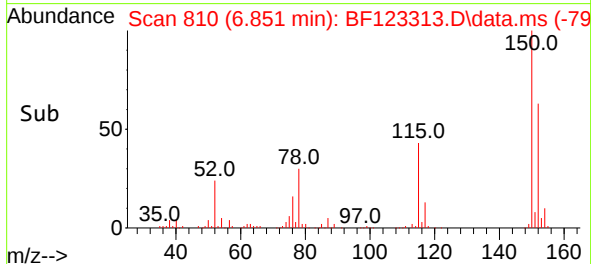
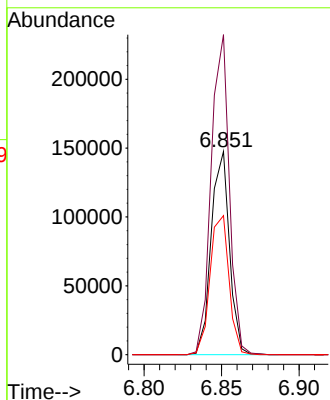
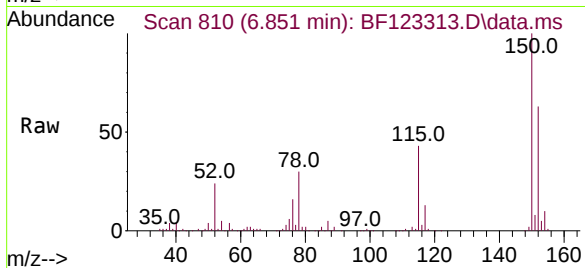




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123313.D
Acq: 26 Feb 2021 20:54

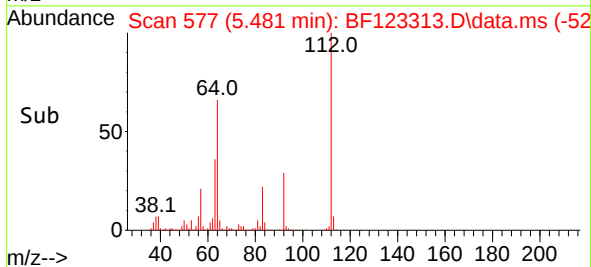
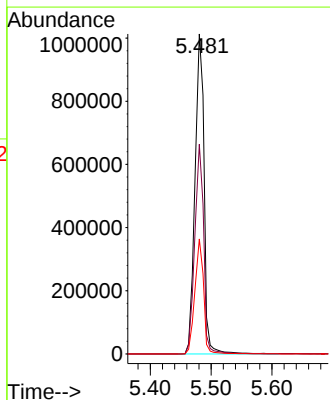
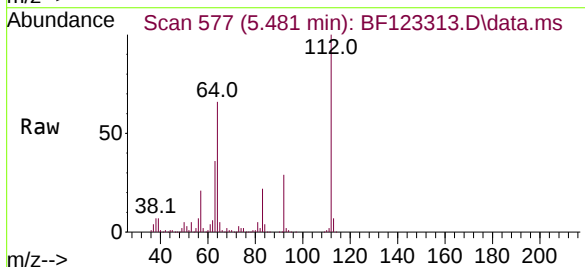
Instrument :
BNA_F
ClientSampleId :
ML-CON

Tgt Ion:152 Resp: 120900
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.6
115 68.4 49.3 73.9



#5
2-Fluorophenol
Concen: 125.25 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF123313.D
Acq: 26 Feb 2021 20:54

Tgt Ion:112 Resp: 1052005
Ion Ratio Lower Upper
112 100
64 65.6 46.9 70.3
63 35.9 24.5 36.7

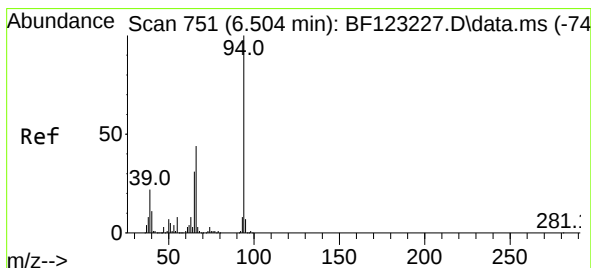
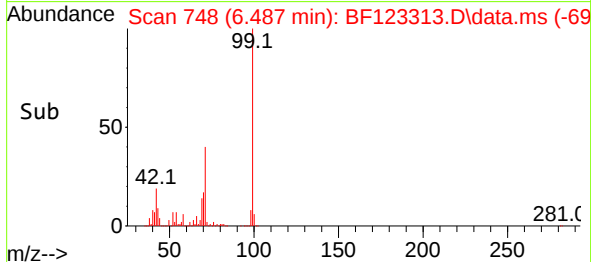
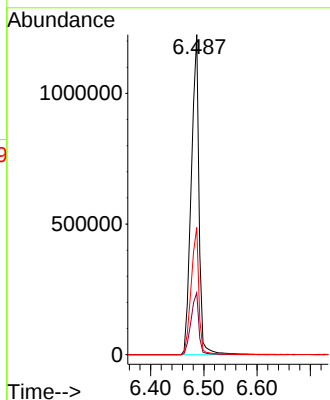
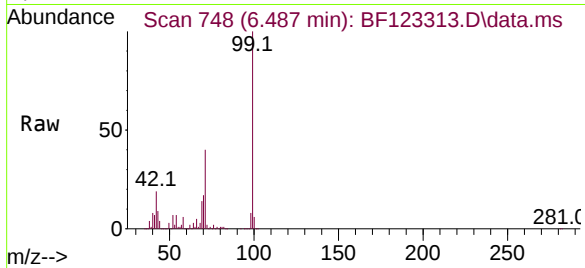




#7
Phenol-d6
Concen: 109.06 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123313.D
Acq: 26 Feb 2021 20:54

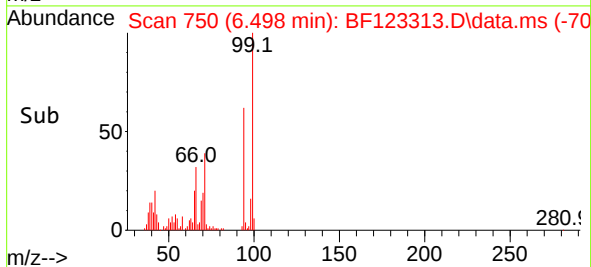
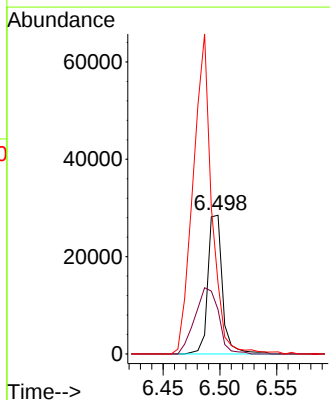
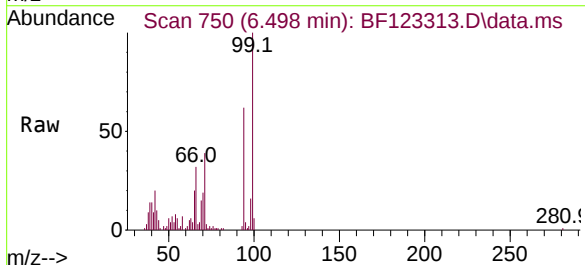
Instrument :
BNA_F
ClientSampleId :
ML-CON

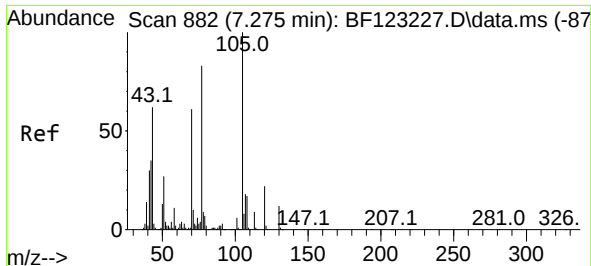
Tgt Ion: 99 Resp: 1244521
Ion Ratio Lower Upper
99 100
42 19.3 13.8 20.6
71 39.8 26.9 40.3



#10
Phenol
Concen: 2.04 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123313.D
Acq: 26 Feb 2021 20:54

Tgt Ion: 94 Resp: 25410
Ion Ratio Lower Upper
94 100
65 31.9 11.2 51.2
66 51.1 25.8 65.8



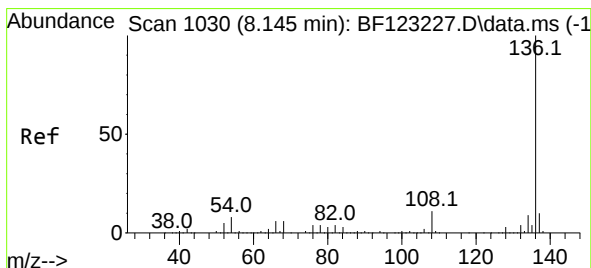
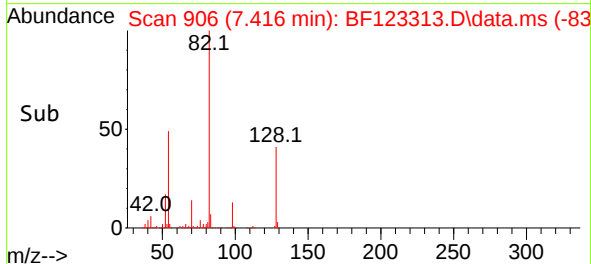
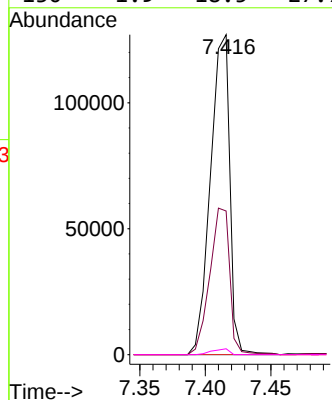
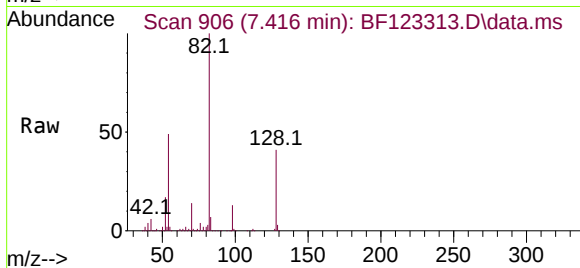


#19
n-Nitroso-di-n-propylamine
Concen: 19.23 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123313.D
Acq: 26 Feb 2021 20:54

Instrument :
BNA_F
ClientSampleId :
ML-CON

Tgt Ion: 70 Resp: 130567

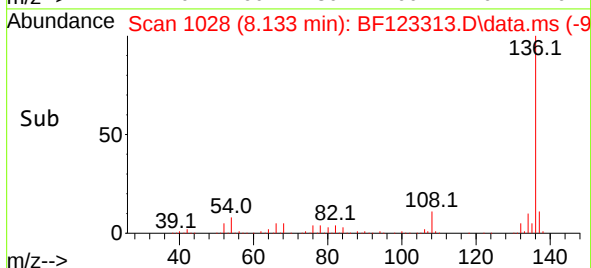
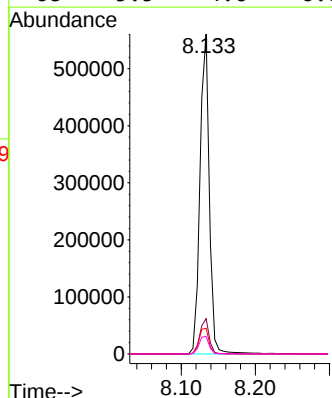
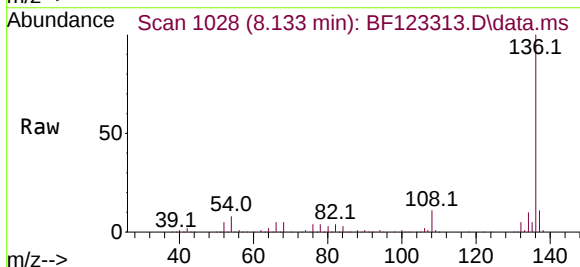
Ion	Ratio	Lower	Upper
70	100		
42	44.9	43.0	64.4
101	0.0	7.9	11.9#
130	1.9	18.5	27.7#

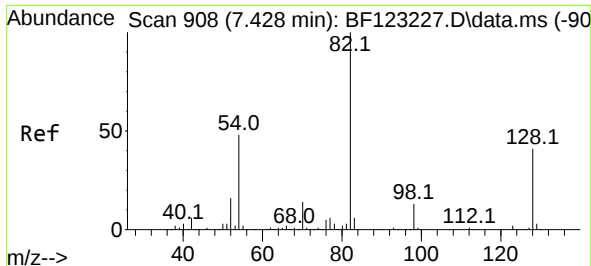


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123313.D
Acq: 26 Feb 2021 20:54

Tgt Ion: 136 Resp: 491349

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.1	5.5	8.3
68	5.5	4.6	6.8

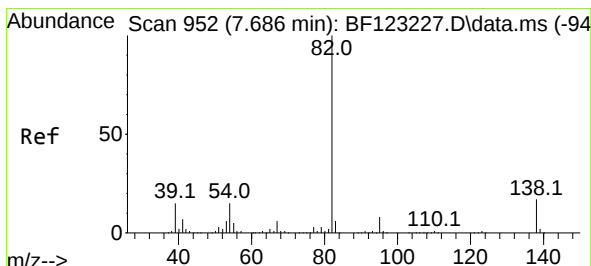
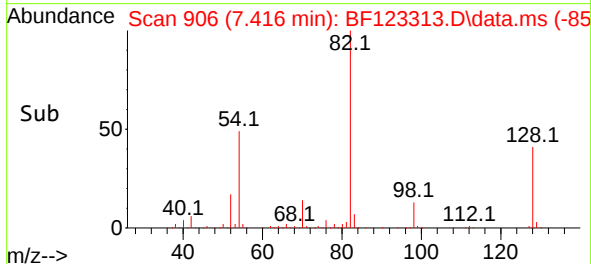
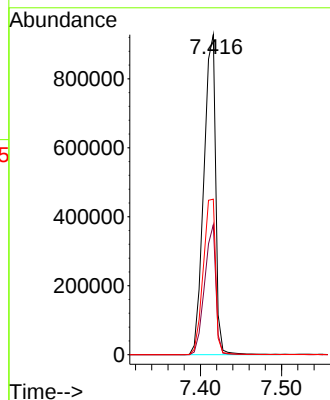
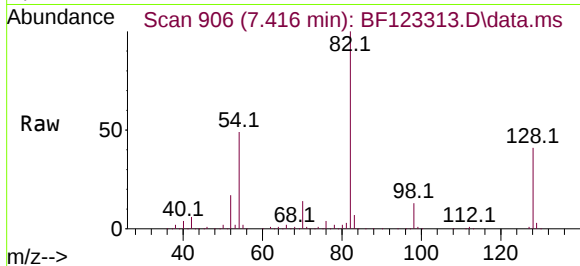




#23
Nitrobenzene-d5
Concen: 87.57 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123313.D
Acq: 26 Feb 2021 20:54

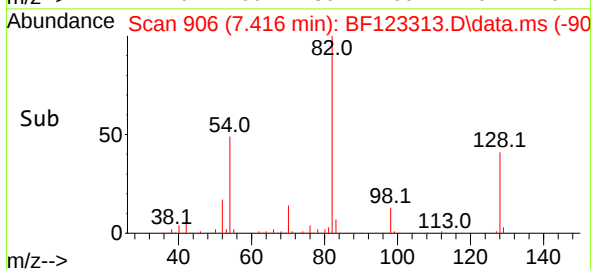
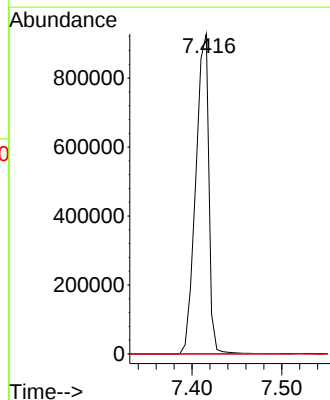
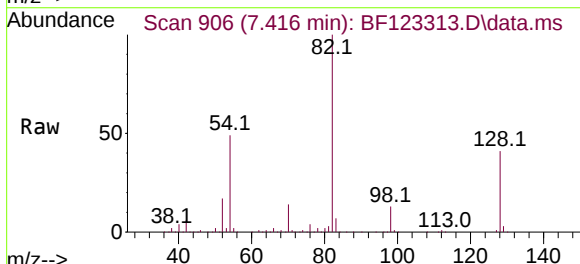
Instrument :
BNA_F
ClientSampleId :
ML-CON

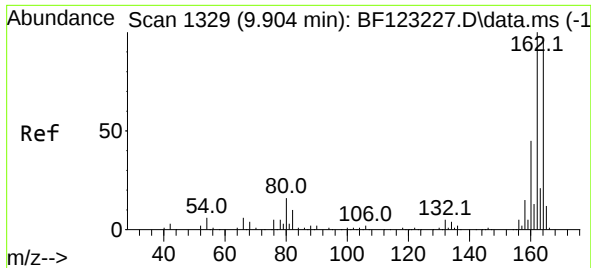
Tgt Ion: 82 Resp: 939921
Ion Ratio Lower Upper
82 100
128 40.6 37.0 55.4
54 48.6 38.4 57.6



#25
Isophorone
Concen: 46.55 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF123313.D
Acq: 26 Feb 2021 20:54

Tgt Ion: 82 Resp: 934304
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

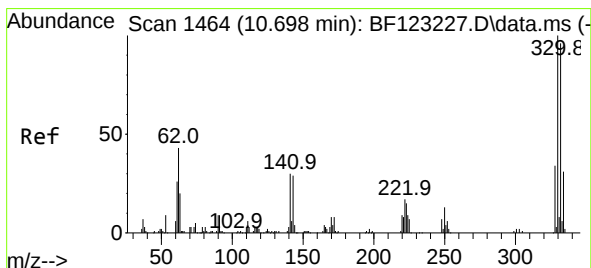
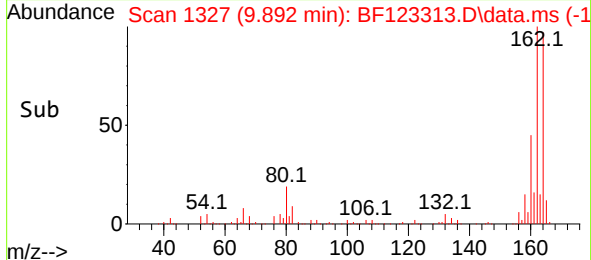
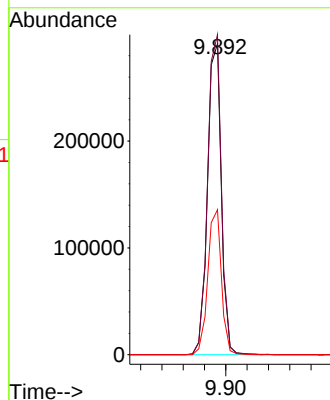
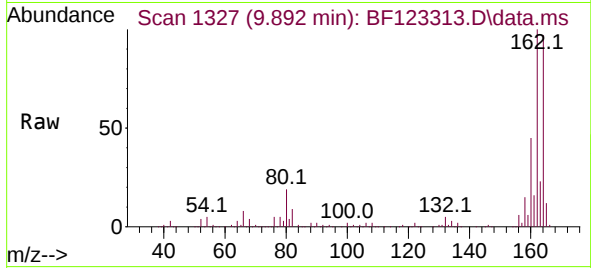




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123313.D
Acq: 26 Feb 2021 20:54

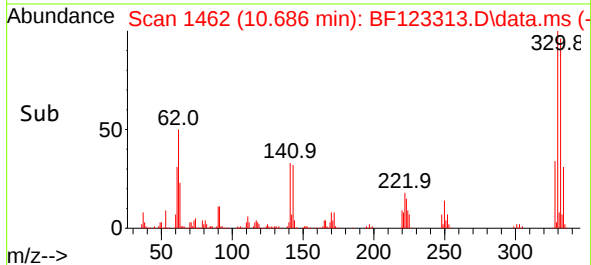
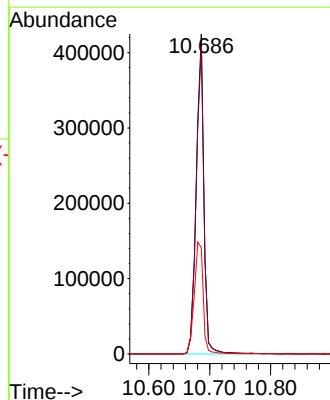
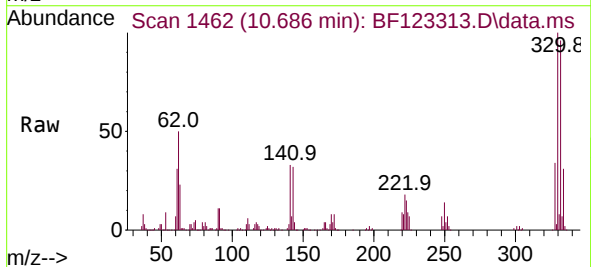
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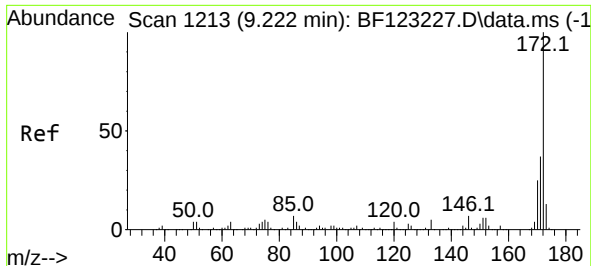
Tgt Ion:164 Resp: 262050
Ion Ratio Lower Upper
164 100
162 102.9 80.8 121.2
160 46.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 139.45 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123313.D
Acq: 26 Feb 2021 20:54

Tgt Ion:330 Resp: 372088
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 40.9 23.8 35.8#

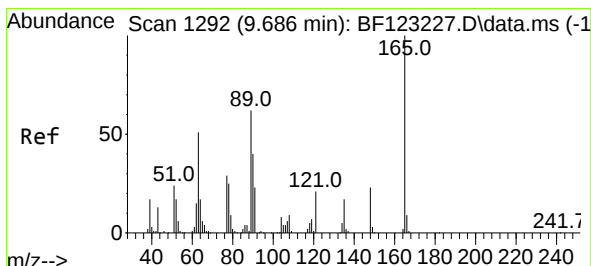
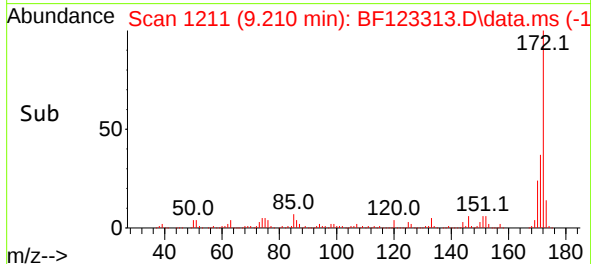
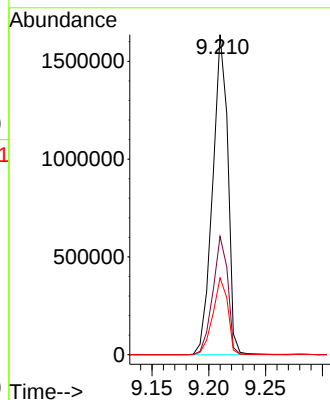
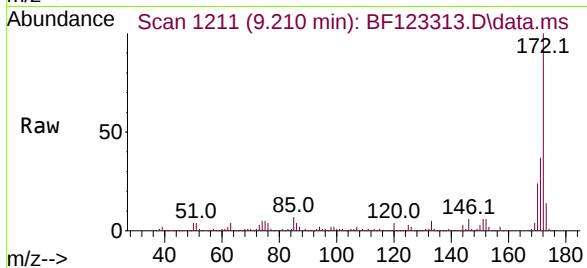




#45
2-Fluorobiphenyl
Concen: 83.38 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF123313.D
Acq: 26 Feb 2021 20:54

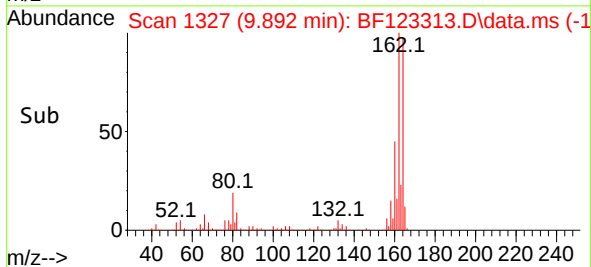
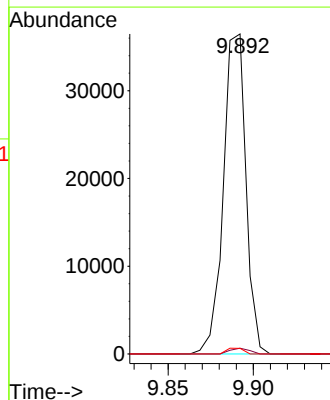
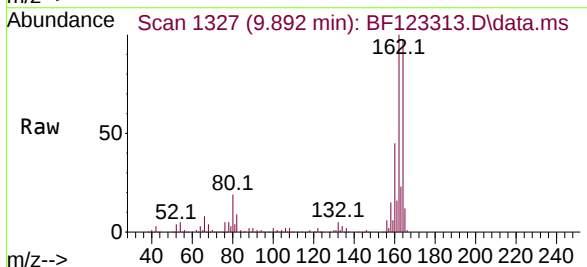
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ClientSampleId :
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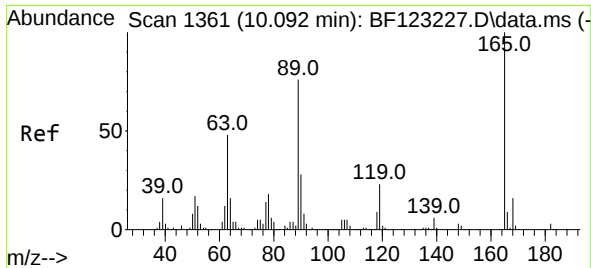
Tgt Ion:172 Resp: 1521199
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.0 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.44 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF123313.D
Acq: 26 Feb 2021 20:54

Tgt Ion:165 Resp: 33583
Ion Ratio Lower Upper
165 100
63 1.8 36.6 55.0#
89 1.8 39.4 59.0#

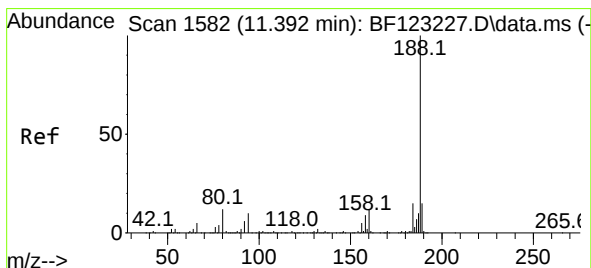
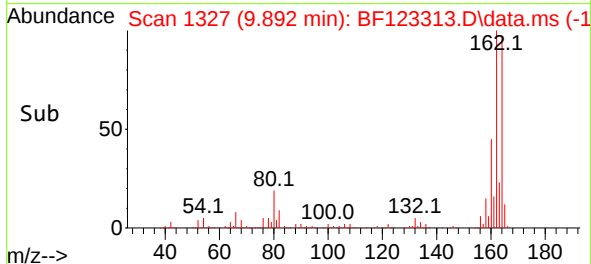
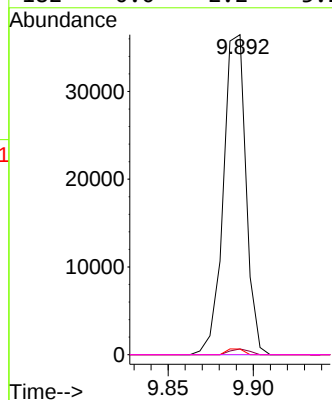
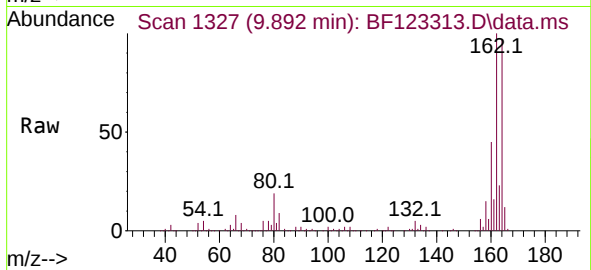




#57
2,4-Dinitrotoluene
Concen: 5.53 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF123313.D
Acq: 26 Feb 2021 20:54

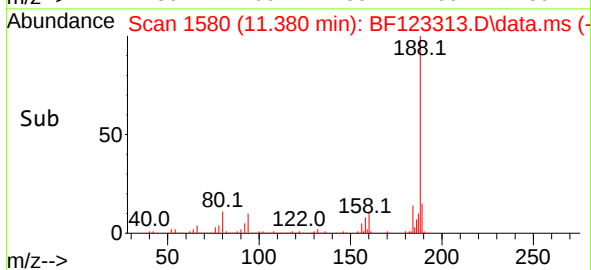
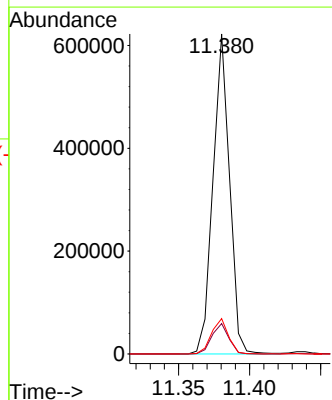
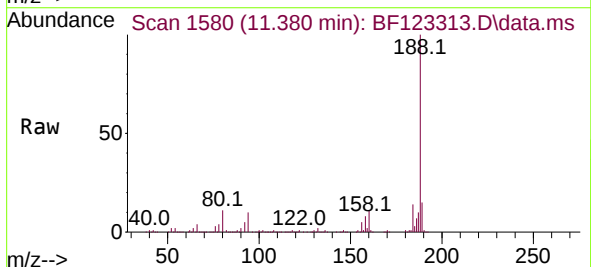
Instrument :
BNA_F
ClientSampleId :
ML-CON

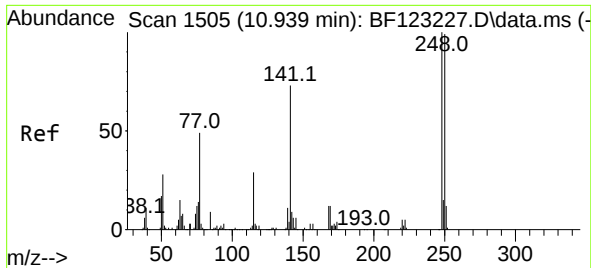
Tgt Ion:165	Resp:	33583
Ion Ratio	Lower	Upper
165	100	
63	1.8	34.3 51.5#
89	1.8	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF123313.D
Acq: 26 Feb 2021 20:54

Tgt Ion:188	Resp:	504928
Ion Ratio	Lower	Upper
188	100	
94	9.5	7.4 11.2
80	11.1	8.2 12.4

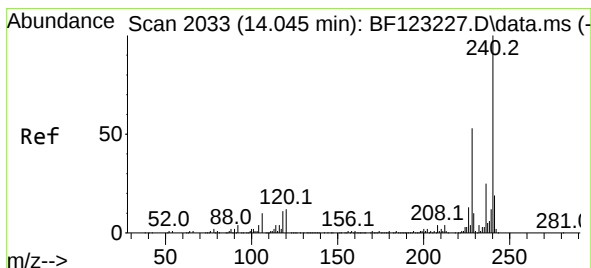
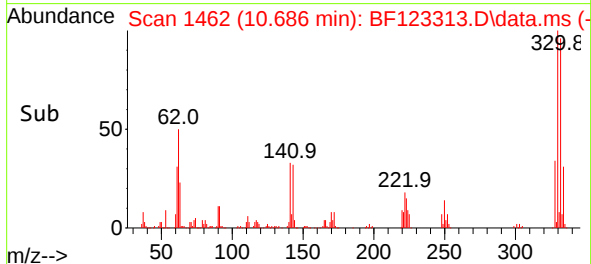
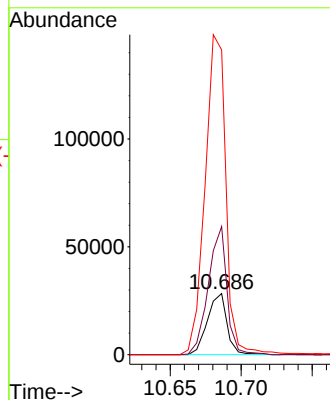
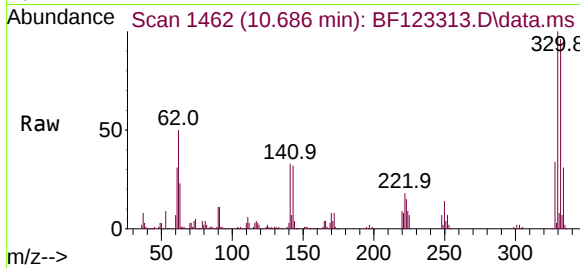




#67
4-Bromophenyl-phenylether
Concen: 4.94 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF123313.D
Acq: 26 Feb 2021 20:54

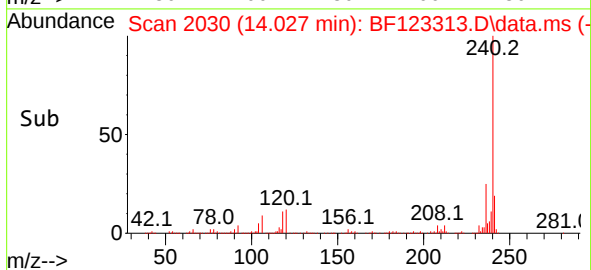
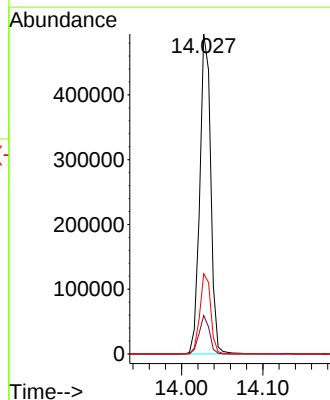
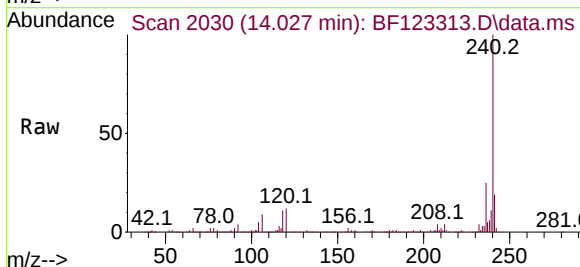
Instrument :
BNA_F
ClientSampleId :
ML-CON

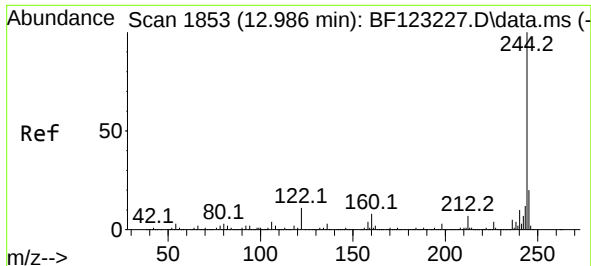
Tgt Ion:248 Resp: 27185
Ion Ratio Lower Upper
248 100
250 209.5 76.8 115.2#
141 498.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.018 min
Lab File: BF123313.D
Acq: 26 Feb 2021 20:54

Tgt Ion:240 Resp: 463412
Ion Ratio Lower Upper
240 100
120 12.0 8.6 12.8
236 25.0 20.3 30.5

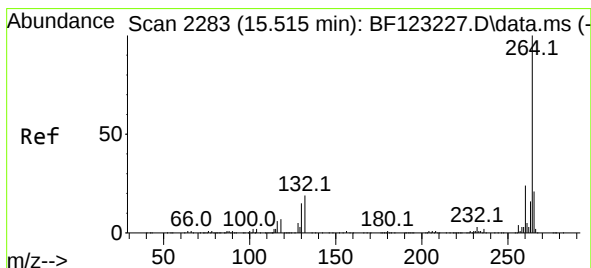
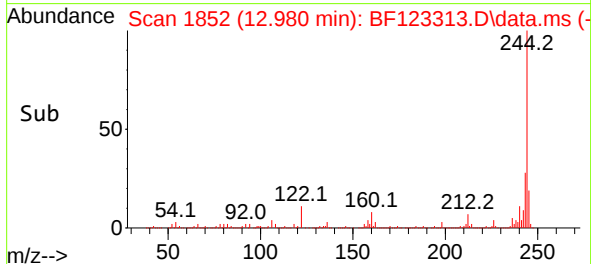
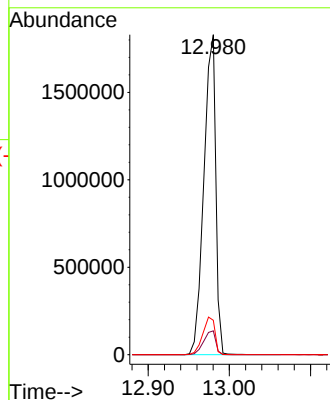
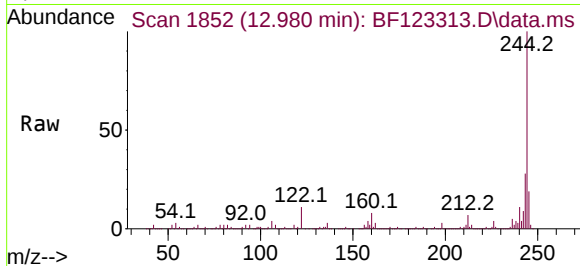




#79
 Terphenyl-d14
 Concen: 77.08 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF123313.D
 Acq: 26 Feb 2021 20:54

Instrument :
 BNA_F
 ClientSampleId :
 ML-CON

Tgt Ion:244 Resp: 1857638
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 10.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.012 min
 Lab File: BF123313.D
 Acq: 26 Feb 2021 20:54

Tgt Ion:264 Resp: 419436
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.5 17.0 25.6

