

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123271.D
 Acq On : 22 Feb 2021 21:58
 Operator : JU/CG
 Sample : M1425-13DL 25X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 41061DL

Quant Time: Feb 23 03:51:54 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)

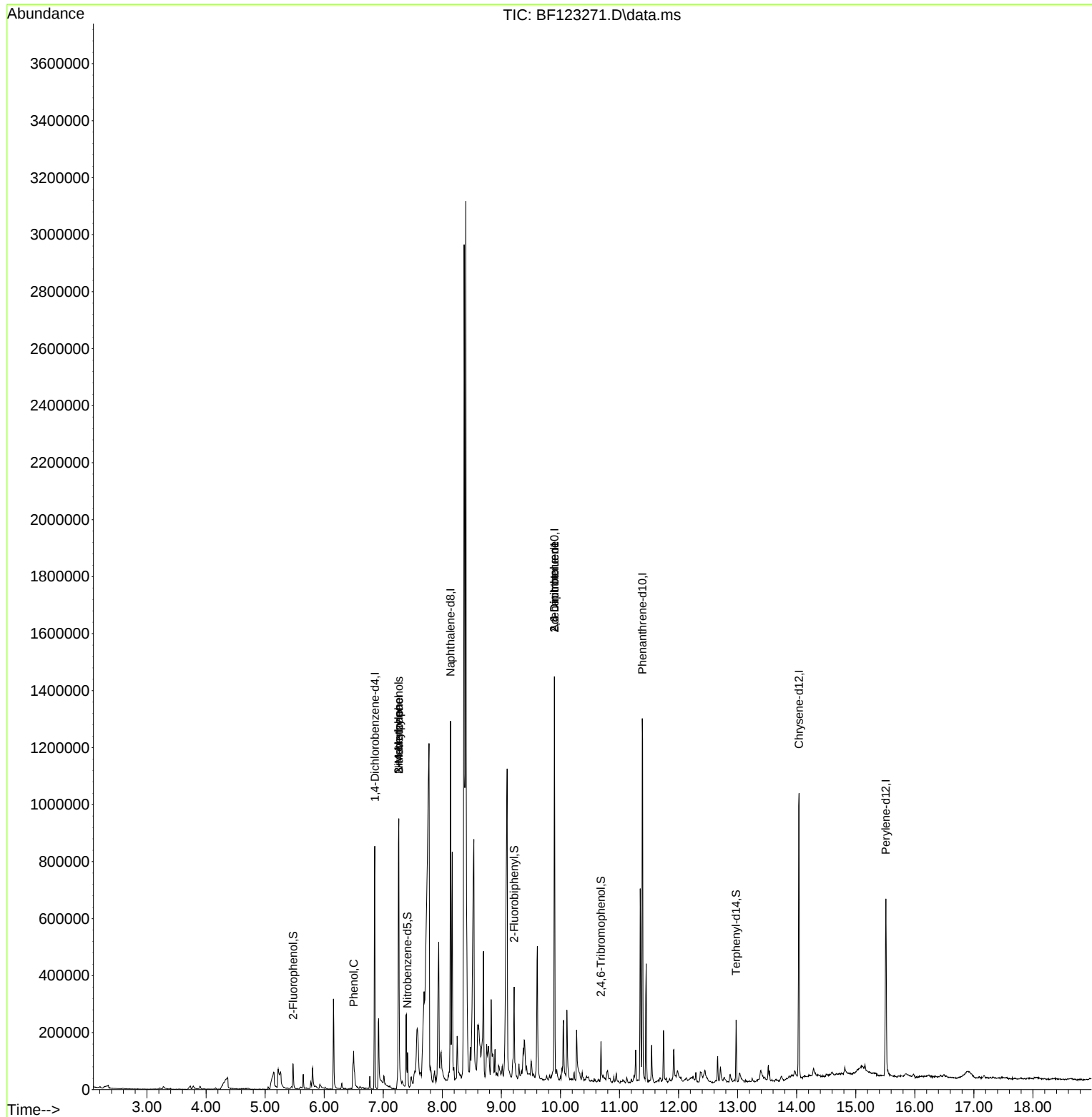
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	115651	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	470379	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	241140	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	456961	20.00	ng	0.00
76) Chrysene-d12	14.039	240	330897	20.00	ng	0.00
86) Perylene-d12	15.509	264	259461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	25213	3.14	ng	0.00
7) Phenol-d6	6.487	99	16953	1.55	ng	0.00
23) Nitrobenzene-d5	7.410	82	36221	3.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	11657	4.75	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	59952	3.57	ng	0.00
79) Terphenyl-d14	12.974	244	52733	3.06	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.404	77	284	Below Cal	#	86
10) Phenol	6.498	94	37884	3.18	ng	96
17) 2-Methylphenol	7.263	107	238908	32.91	ng	# 71
20) 3+4-Methylphenols	7.263	107	238908	25.06	ng	# 60
24) Nitrobenzene	7.263	77	82962	7.66	ng	# 41
51) 2,6-Dinitrotoluene	9.898	165	31290	7.53	ng	# 33
57) 2,4-Dinitrotoluene	9.898	165	31290	5.60	ng	# 27

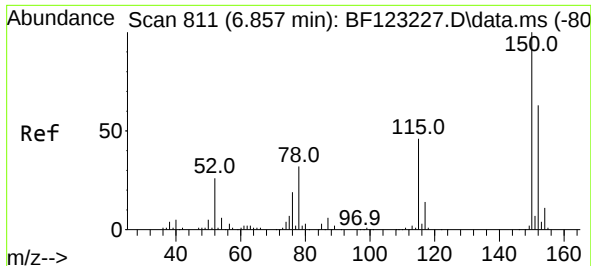
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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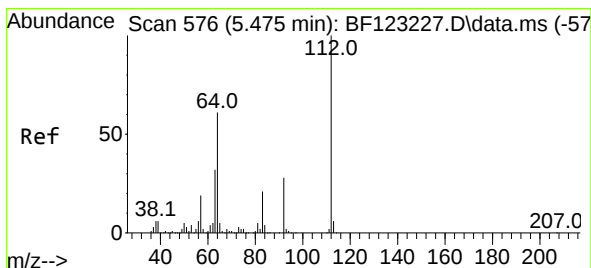
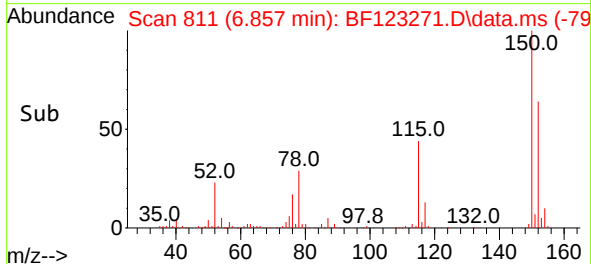
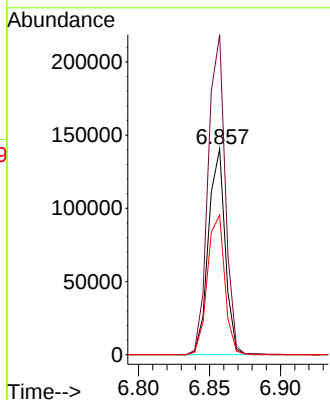
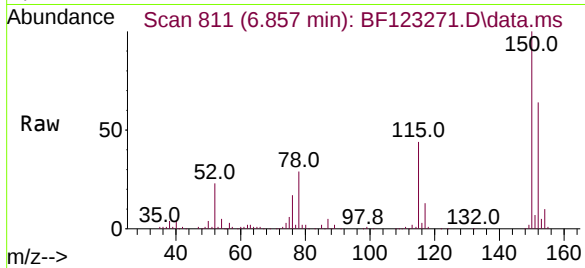




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

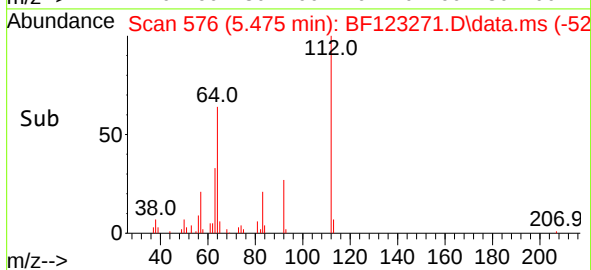
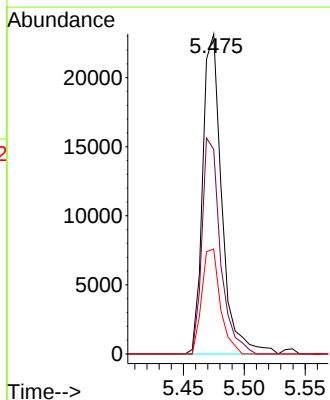
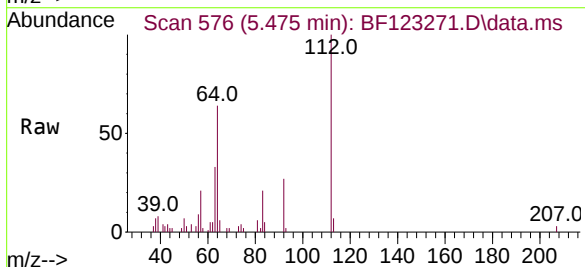
Instrument :
BNA_F
ClientSampleId :
41061DL

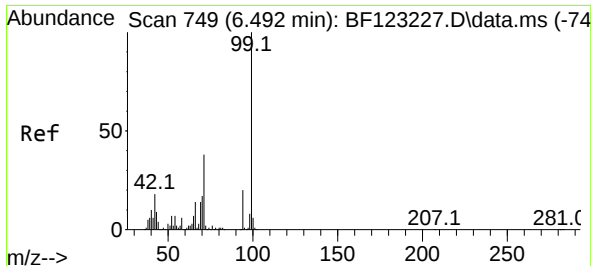
Tgt Ion:152 Resp: 115651
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 67.8 49.3 73.9



#5
2-Fluorophenol
Concen: 3.14 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

Tgt Ion:112 Resp: 25213
Ion Ratio Lower Upper
112 100
64 63.9 46.9 70.3
63 32.8 24.5 36.7

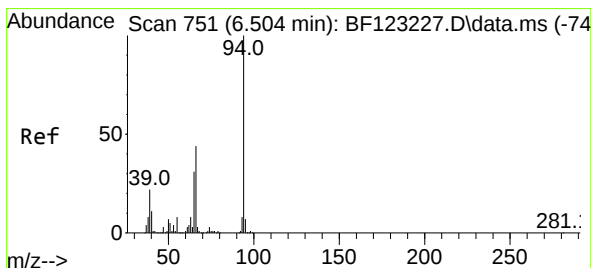
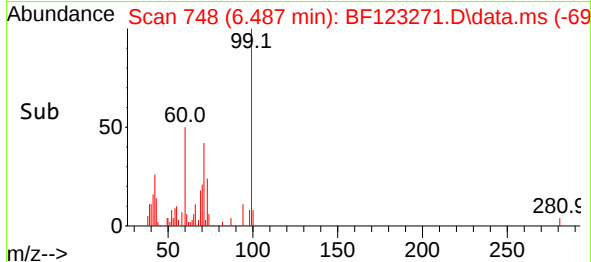
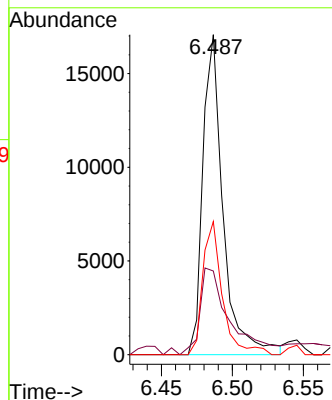
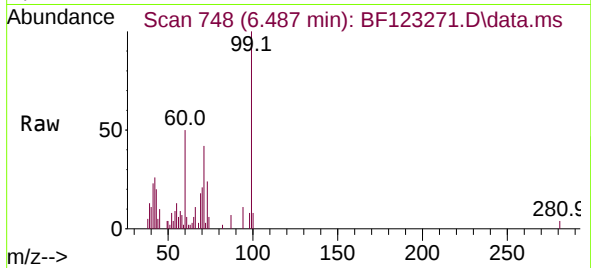




#7
Phenol-d6
Concen: 1.55 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

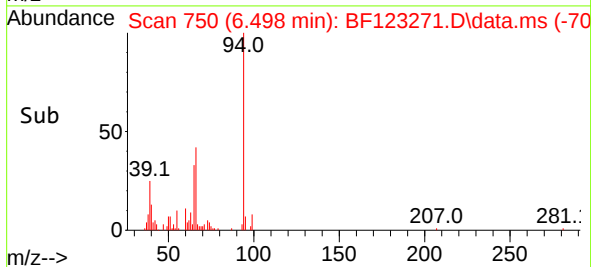
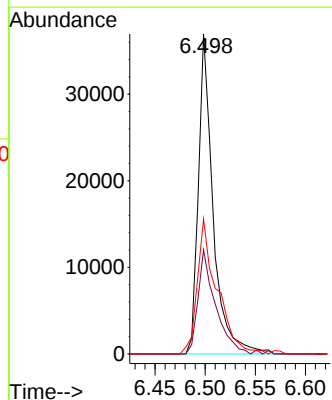
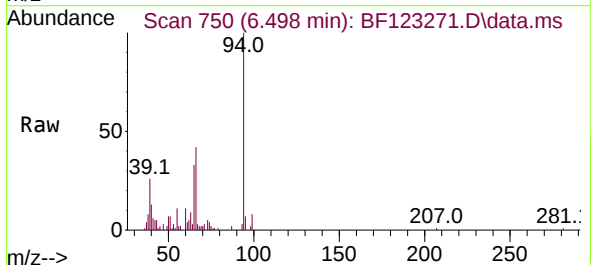
Instrument :
BNA_F
ClientSampleId :
41061DL

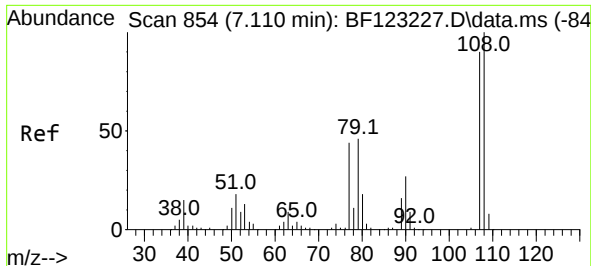
Tgt Ion: 99 Resp: 16953
Ion Ratio Lower Upper
99 100
42 26.2 13.8 20.6#
71 41.6 26.9 40.3#



#10
Phenol
Concen: 3.18 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

Tgt Ion: 94 Resp: 37884
Ion Ratio Lower Upper
94 100
65 32.5 11.2 51.2
66 42.2 25.8 65.8

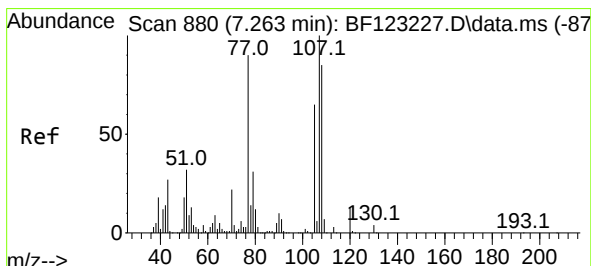
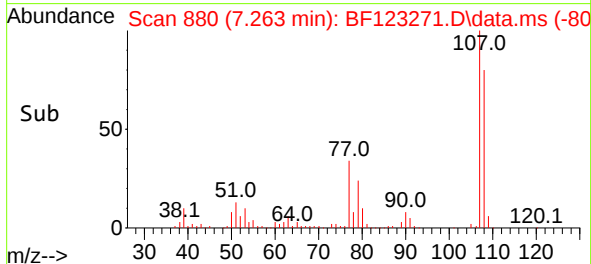
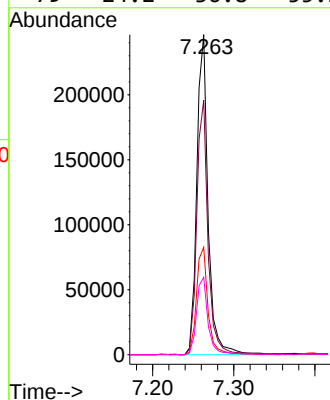
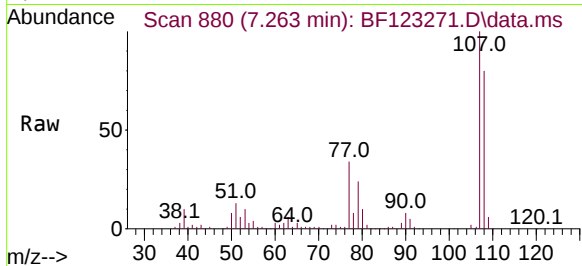




#17
2-Methylphenol
Concen: 32.91 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.153 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

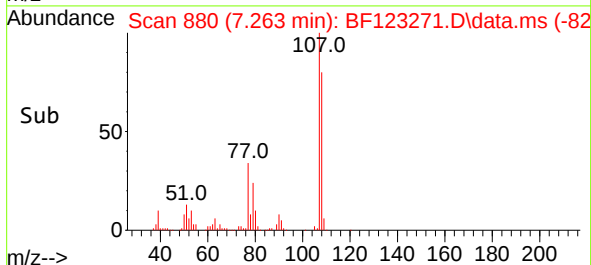
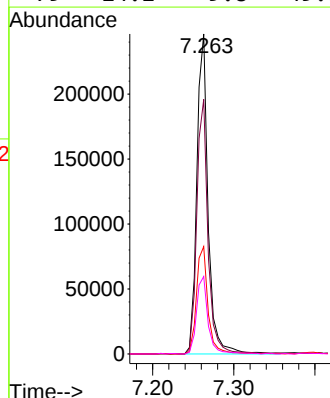
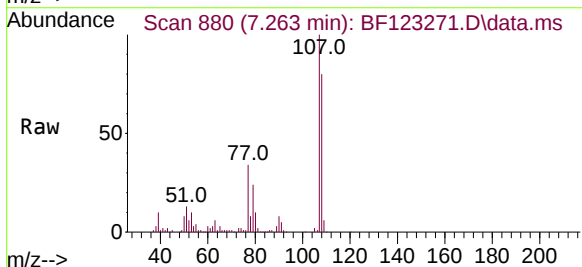
Instrument :
BNA_F
ClientSampleId :
41061DL

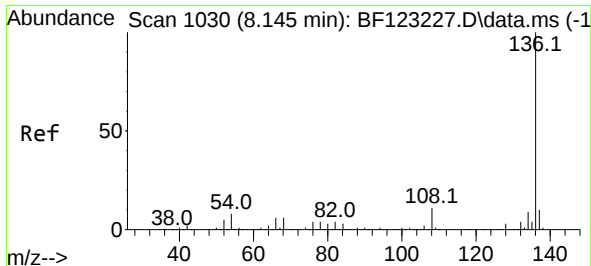
Tgt Ion:107 Resp: 238908
Ion Ratio Lower Upper
107 100
108 79.5 91.1 136.7#
77 33.6 36.3 54.5#
79 24.2 36.8 55.2#



#20
3+4-Methylphenols
Concen: 25.06 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

Tgt Ion:107 Resp: 238908
Ion Ratio Lower Upper
107 100
108 79.5 68.7 108.7
77 33.6 89.8 129.8#
79 24.2 9.8 49.8



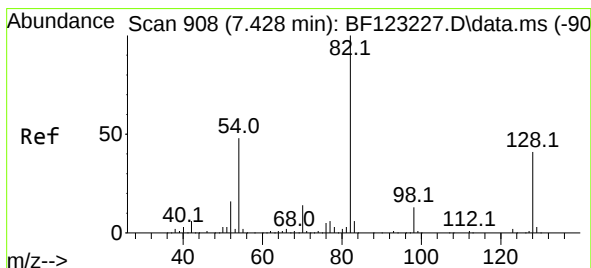
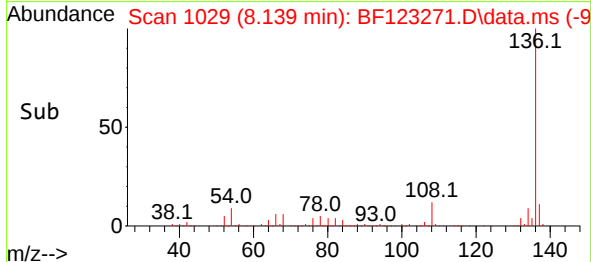
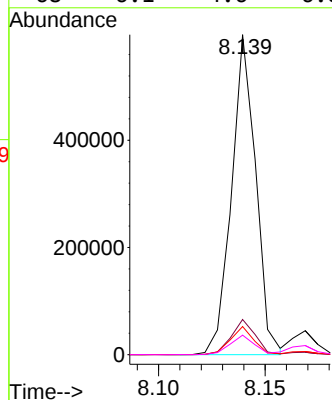
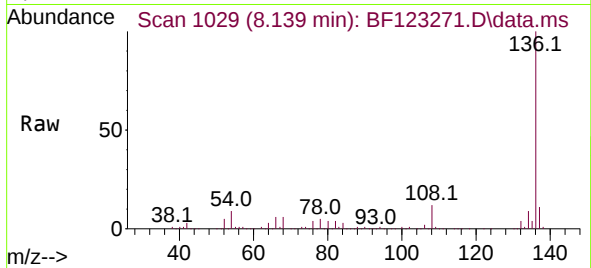


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

Instrument :
BNA_F
ClientSampleId :
41061DL

Tgt Ion:136 Resp: 470379

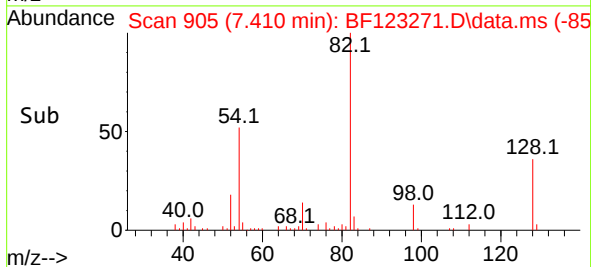
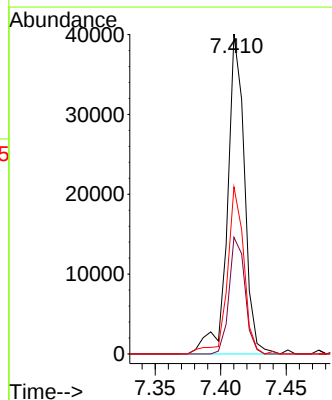
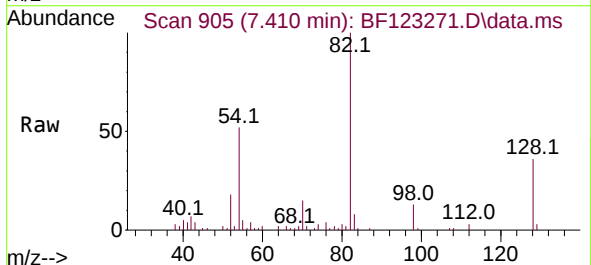
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.8	5.5	8.3#
68	6.1	4.6	6.8

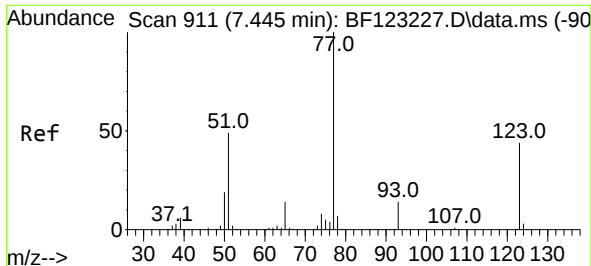


#23
Nitrobenzene-d5
Concen: 3.52 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

Tgt Ion: 82 Resp: 36221

Ion	Ratio	Lower	Upper
82	100		
128	36.5	37.0	55.4#
54	52.2	38.4	57.6

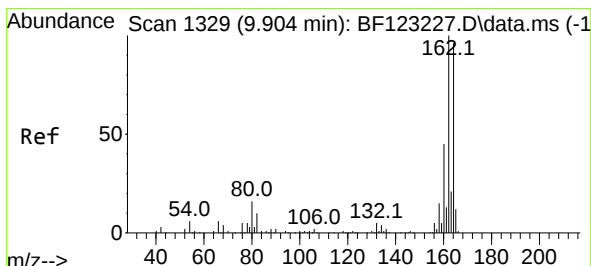
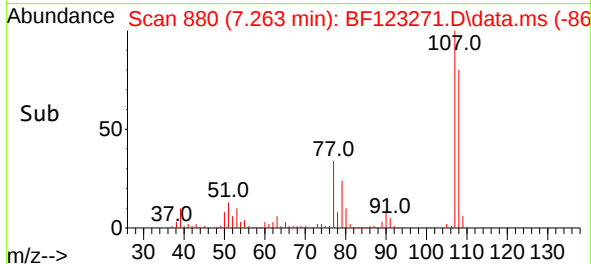
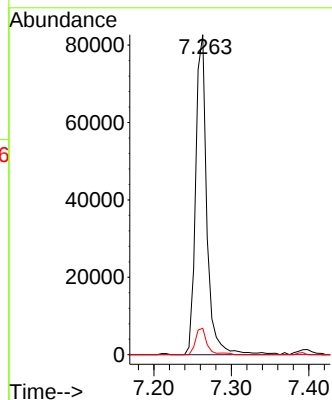
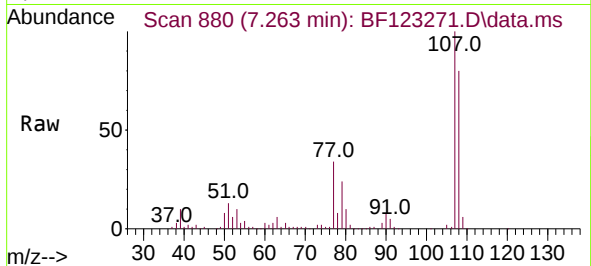




#24
Nitrobenzene
Concen: 7.66 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.182 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

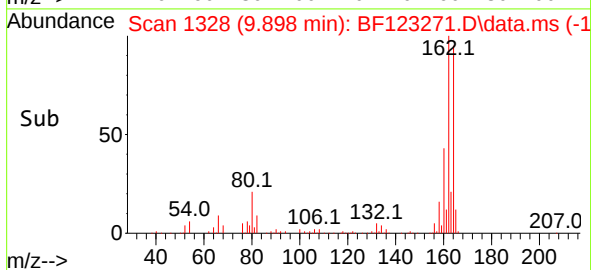
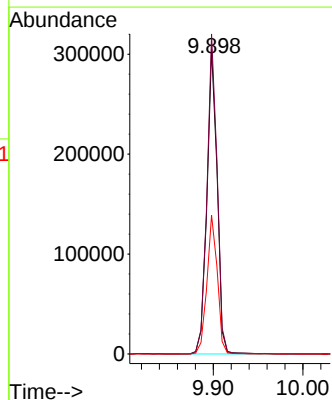
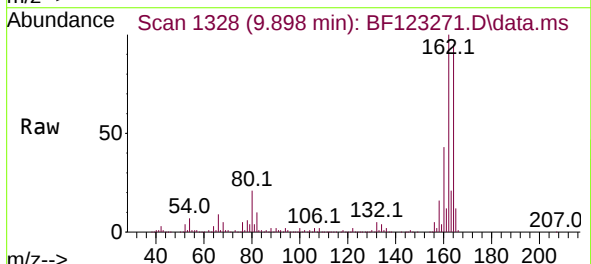
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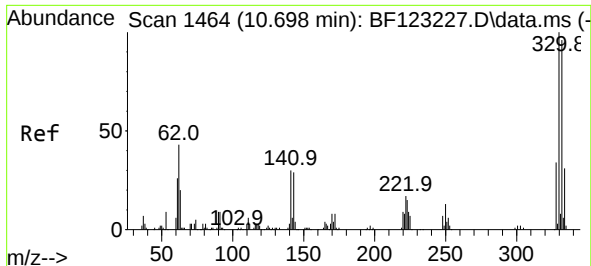
Tgt Ion: 77 Resp: 82962
Ion Ratio Lower Upper
77 100
123 0.0 39.3 58.9#
65 8.3 10.6 15.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

Tgt Ion: 164 Resp: 241140
Ion Ratio Lower Upper
164 100
162 105.0 80.8 121.2
160 45.6 35.4 53.0

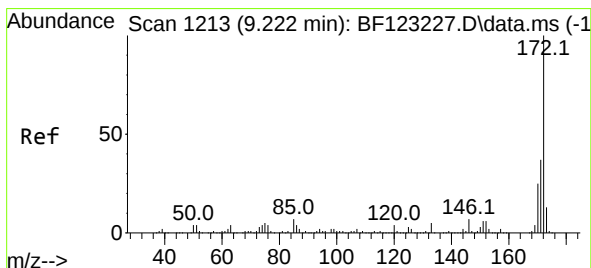
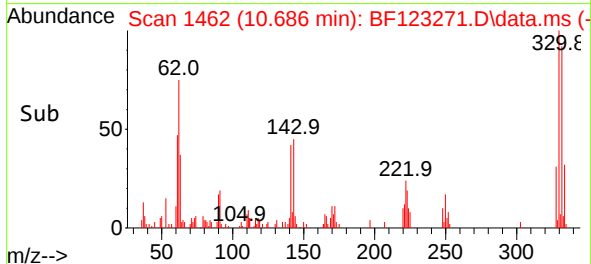
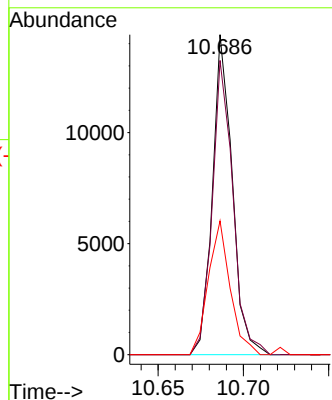
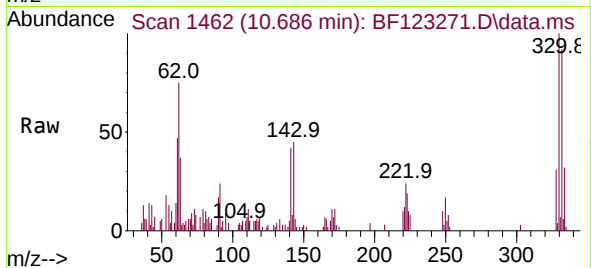




#42
2,4,6-Tribromophenol
Concen: 4.75 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

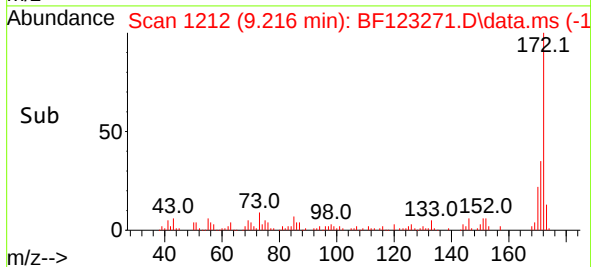
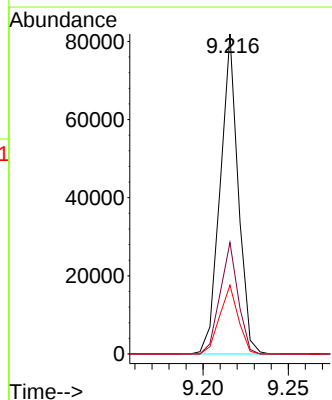
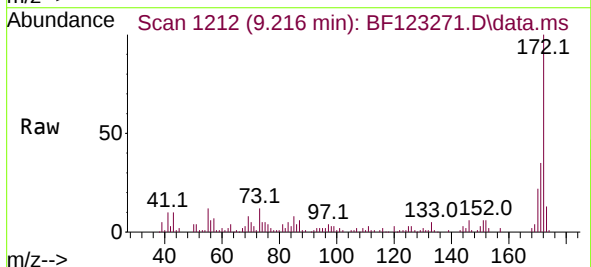
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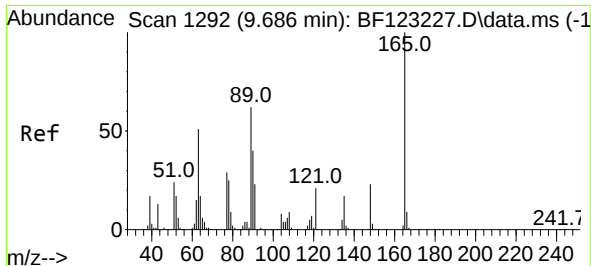
Tgt Ion: 330 Resp: 11657
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 46.1 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 3.57 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

Tgt Ion: 172 Resp: 59952
Ion Ratio Lower Upper
172 100
171 34.8 29.6 44.4
170 21.5 19.5 29.3

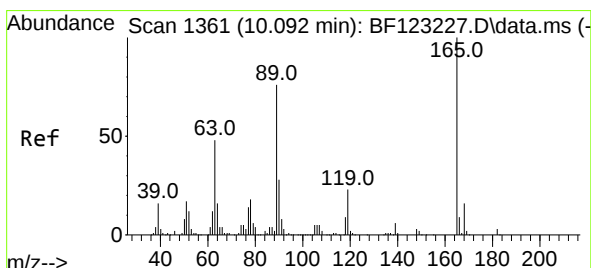
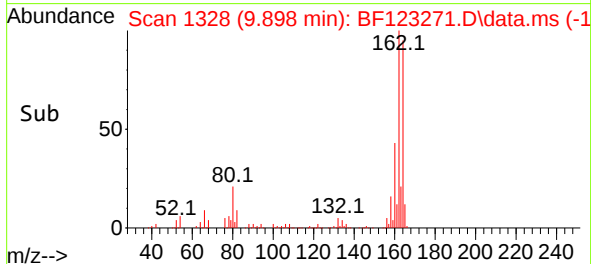
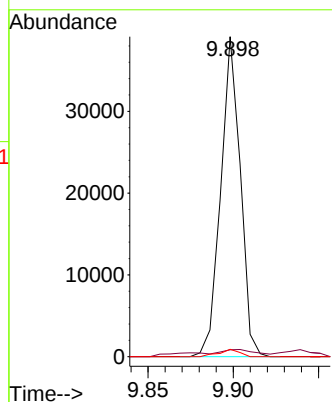
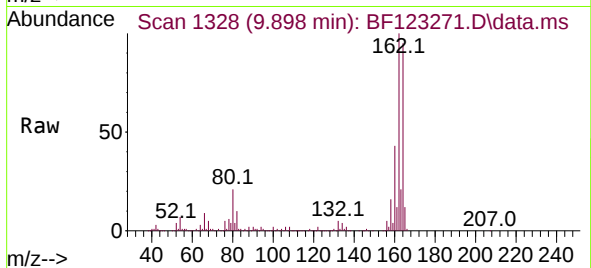




#51
2,6-Dinitrotoluene
Concen: 7.53 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

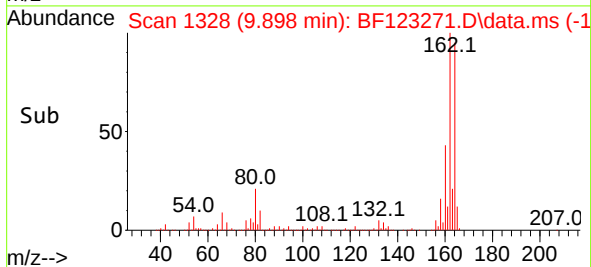
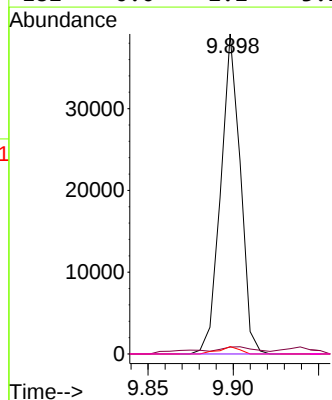
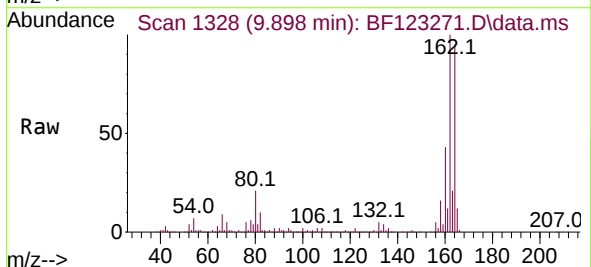
Instrument :
BNA_F
ClientSampleID :
41061DL

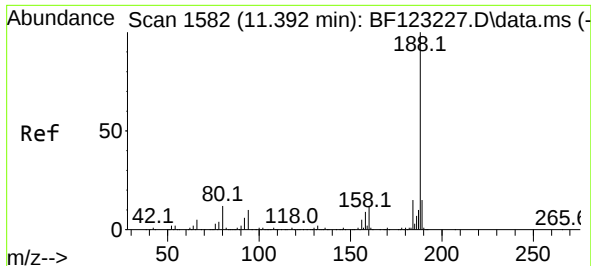
Tgt Ion:165 Resp: 31290
Ion Ratio Lower Upper
165 100
63 2.2 36.6 55.0#
89 2.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.60 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

Tgt Ion:165 Resp: 31290
Ion Ratio Lower Upper
165 100
63 2.2 34.3 51.5#
89 2.3 55.2 82.8#
182 0.0 2.2 3.2#

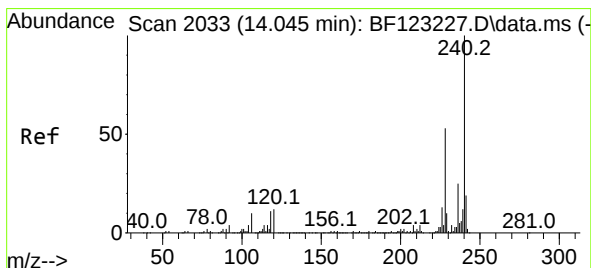
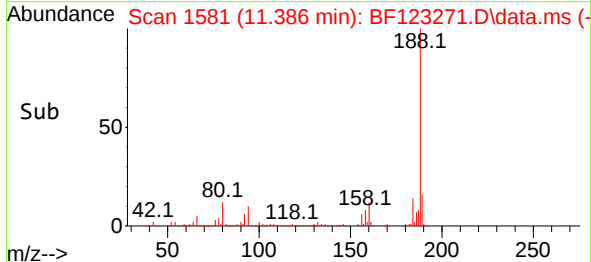
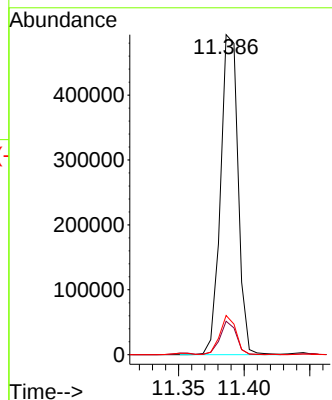
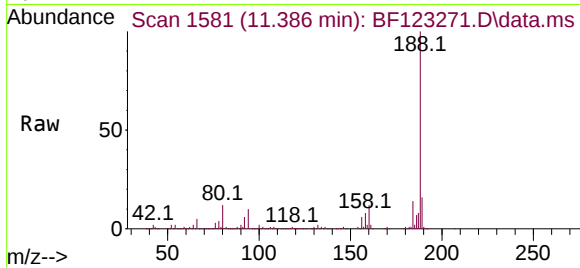




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

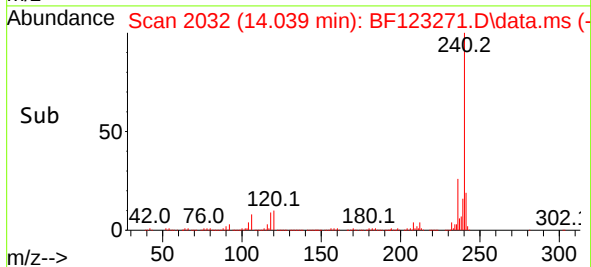
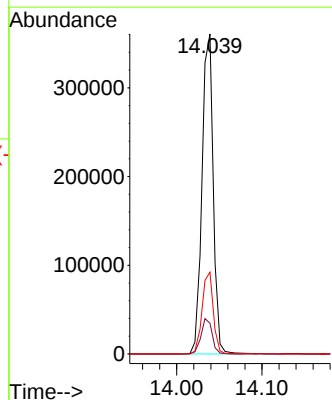
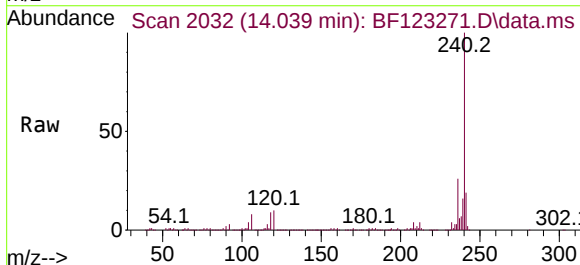
Instrument :
BNA_F
ClientSampleId :
41061DL

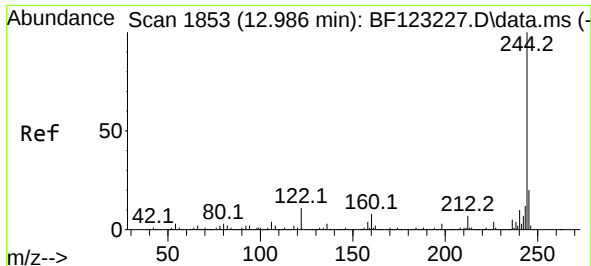
Tgt Ion:188 Resp: 456961
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 12.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

Tgt Ion:240 Resp: 330897
Ion Ratio Lower Upper
240 100
120 9.6 8.6 12.8
236 25.5 20.3 30.5

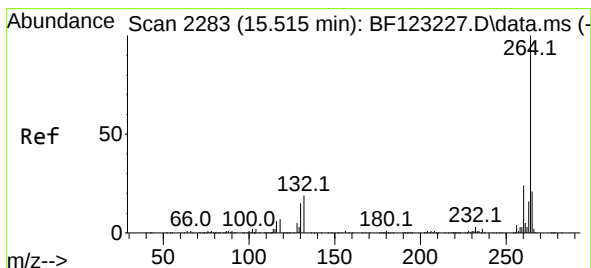
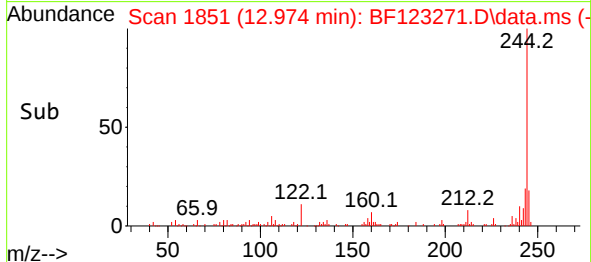
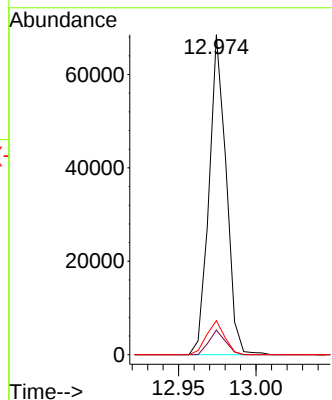
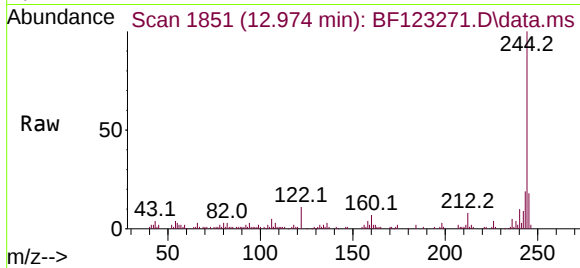




#79
 Terphenyl-d14
 Concen: 3.06 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF123271.D
 Acq: 22 Feb 2021 21:58

Instrument :
 BNA_F
 ClientSampleId :
 41061DL

Tgt Ion:244	Resp:	52733
Ion Ratio	Lower	Upper
244	100	
212	7.7	5.7 8.5
122	10.7	8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF123271.D
 Acq: 22 Feb 2021 21:58

Tgt Ion:264	Resp:	259461
Ion Ratio	Lower	Upper
264	100	
260	23.8	18.6 28.0
265	20.9	17.0 25.6

