

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022521\
 Data File : BF123301.D
 Acq On : 25 Feb 2021 16:29
 Operator : JU/CG
 Sample : M1478-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLABS-SLP

Quant Time: Feb 25 16:56:33 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)

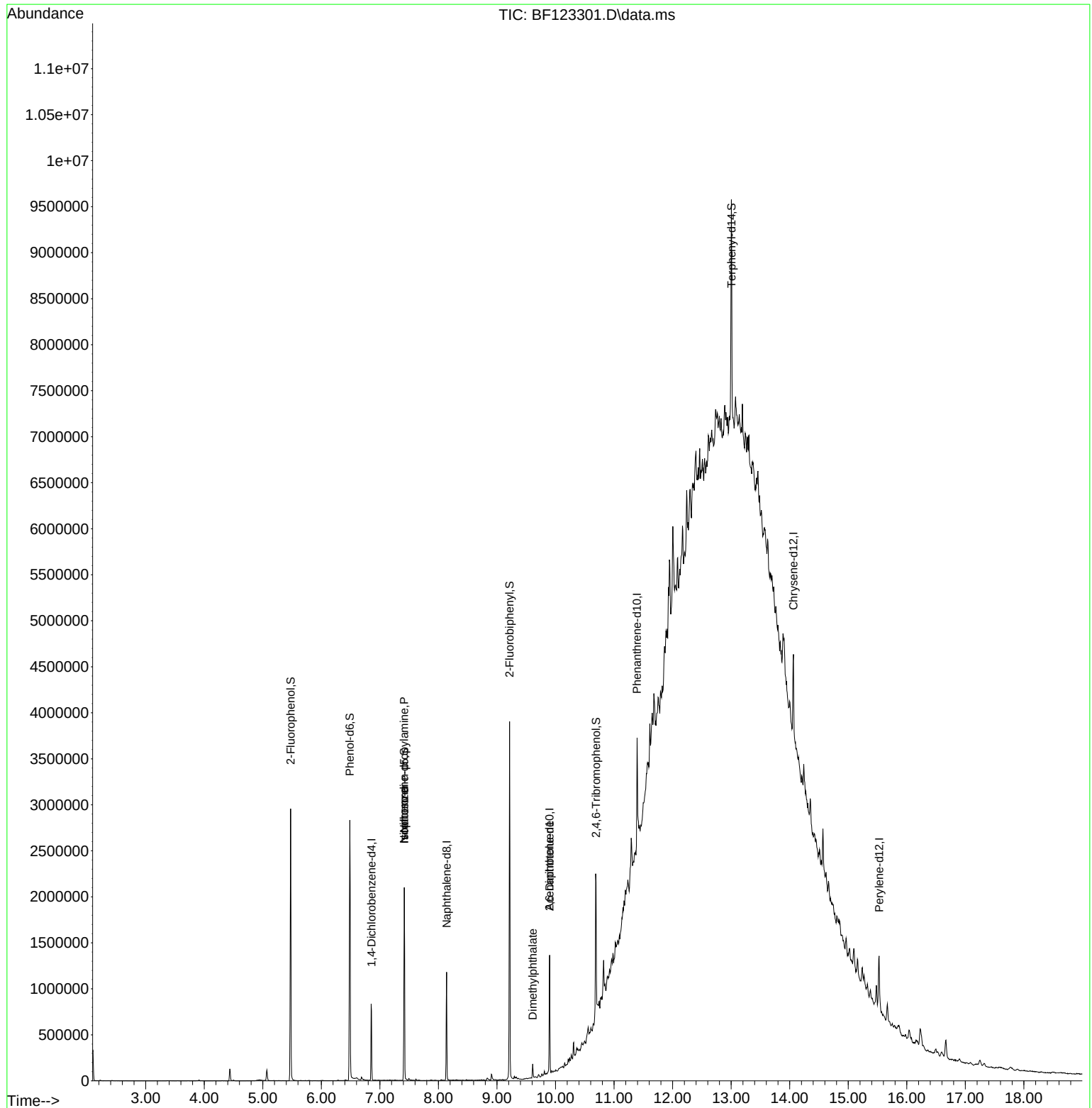
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	107721	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	448047	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	236296	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	405091	20.00	ng	# 0.00
76) Chrysene-d12	14.062	240	327909	20.00	ng	0.02
86) Perylene-d12	15.527	264	256273	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	733012	97.95	ng	0.00
7) Phenol-d6	6.486	99	989871	97.36	ng	0.00
23) Nitrobenzene-d5	7.416	82	672378	68.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	181425	75.40	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1089738	66.24	ng	0.00
79) Terphenyl-d14	13.004	244	1067284	62.59	ng	0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	6.404	77	1113	Below Cal	#	21
19) n-Nitroso-di-n-propyla...	7.416	70	92926	15.36	ng	# 80
25) Isophorone	7.416	82	666815	36.43	ng	# 65
50) Dimethylphthalate	9.610	163	49252	2.79	ng	100
51) 2,6-Dinitrotoluene	9.898	165	33092	8.13	ng	# 33

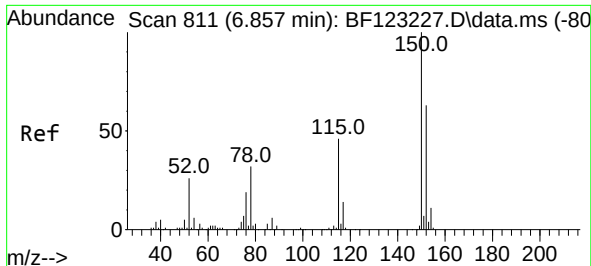
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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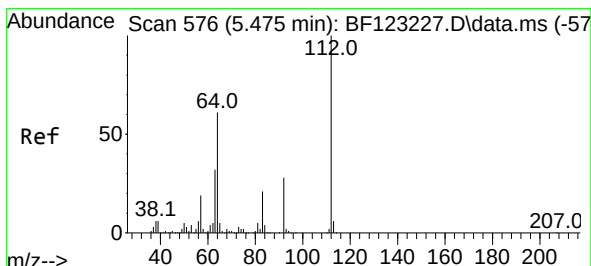
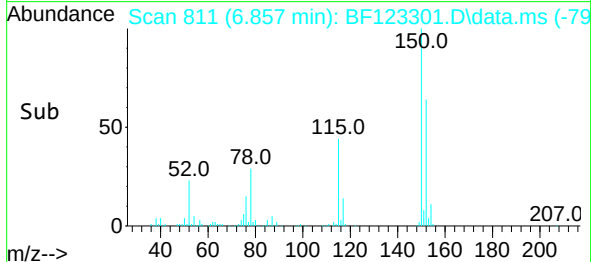
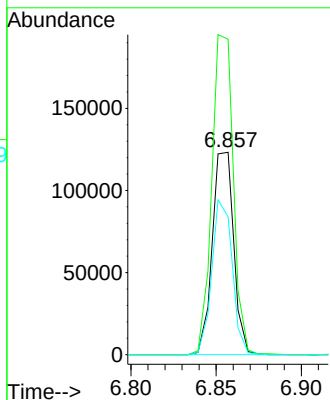
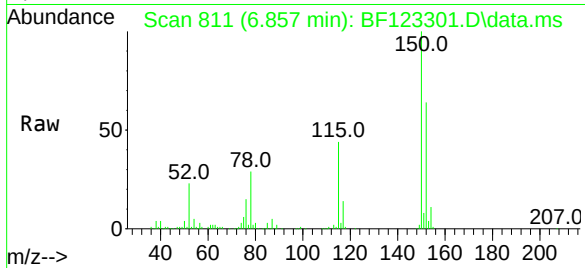




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123301.D
Acq: 25 Feb 2021 16:29

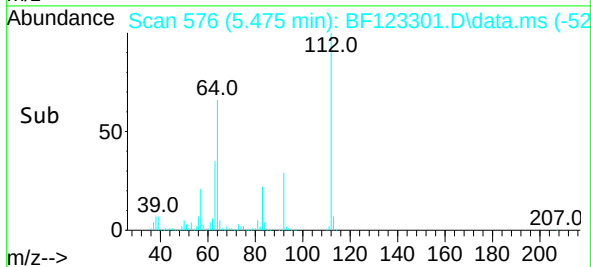
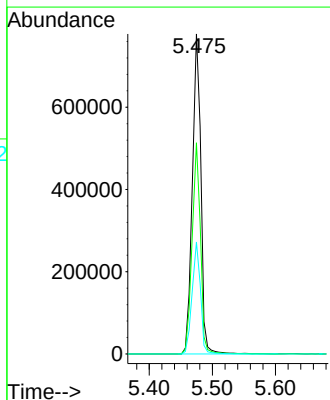
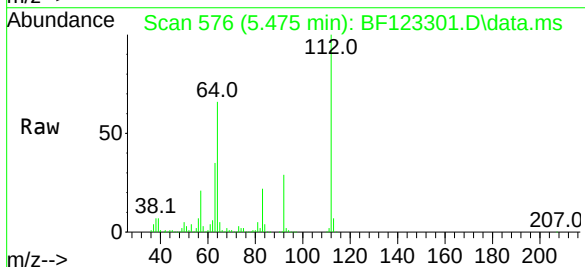
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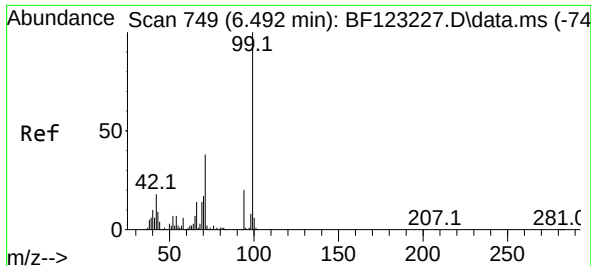
Tgt Ion:152 Resp: 107721
Ion Ratio Lower Upper
152 100
150 155.9 125.8 188.6
115 68.0 49.3 73.9



#5
2-Fluorophenol
Concen: 97.95 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.000 min
Lab File: BF123301.D
Acq: 25 Feb 2021 16:29

Tgt Ion:112 Resp: 733012
Ion Ratio Lower Upper
112 100
64 66.0 46.9 70.3
63 35.0 24.5 36.7

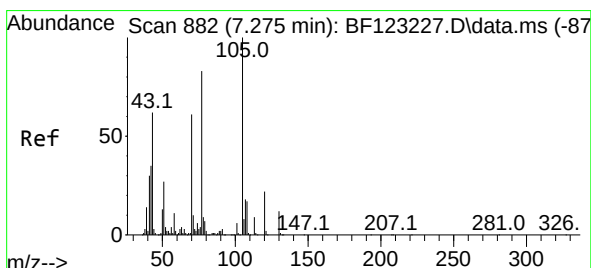
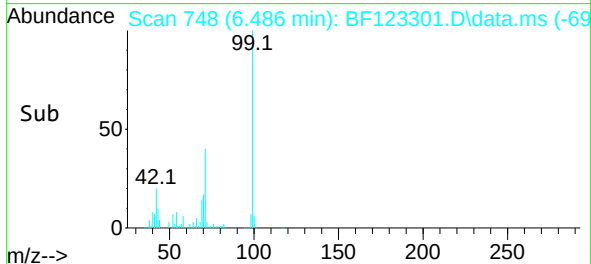
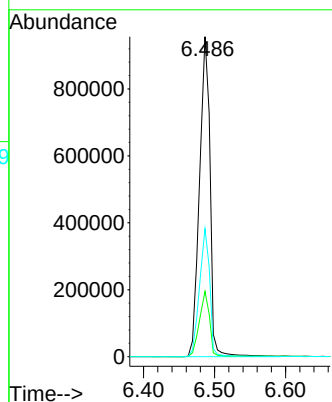
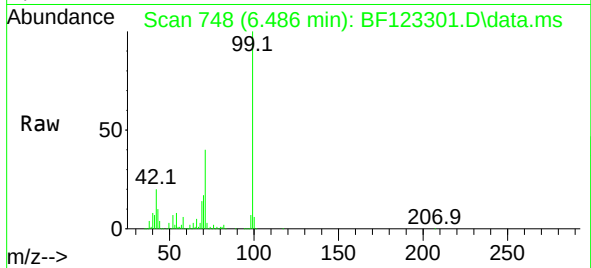




#7
Phenol-d6
Concen: 97.36 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123301.D
Acq: 25 Feb 2021 16:29

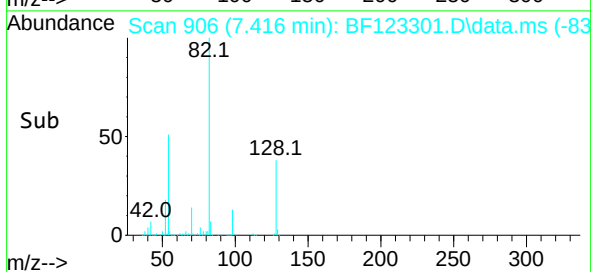
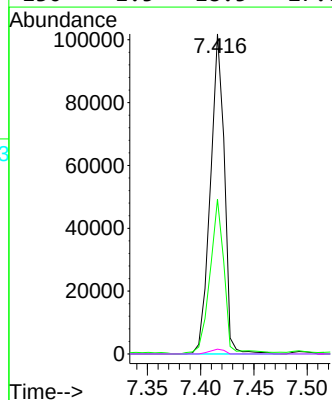
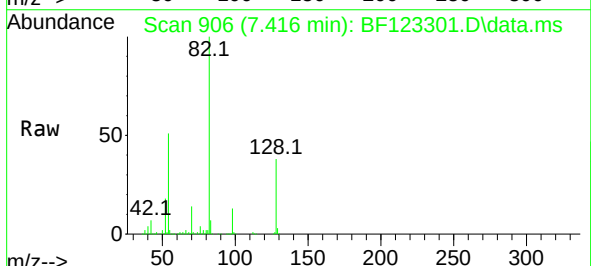
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ClientSampleId :
SLABS-SLP

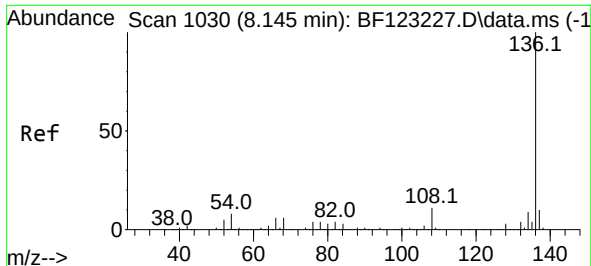
Tgt Ion: 99 Resp: 989871
Ion Ratio Lower Upper
99 100
42 20.4 13.8 20.6
71 40.0 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.36 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123301.D
Acq: 25 Feb 2021 16:29

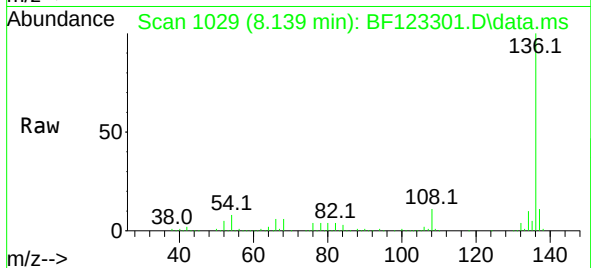
Tgt Ion: 70 Resp: 92926
Ion Ratio Lower Upper
70 100
42 48.3 43.0 64.4
101 0.0 7.9 11.9#
130 1.5 18.5 27.7#



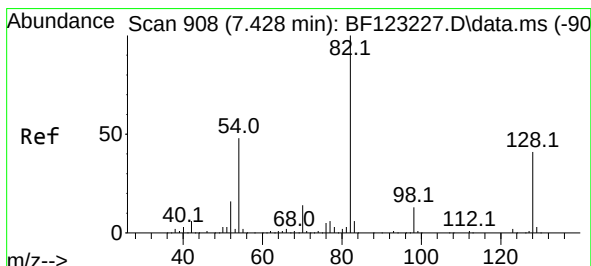
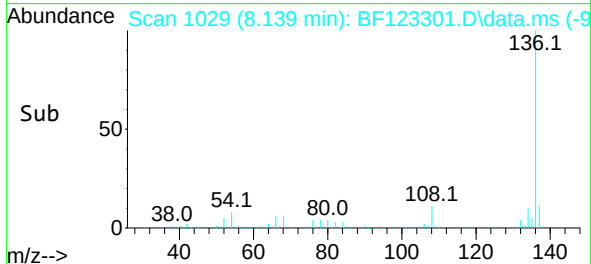
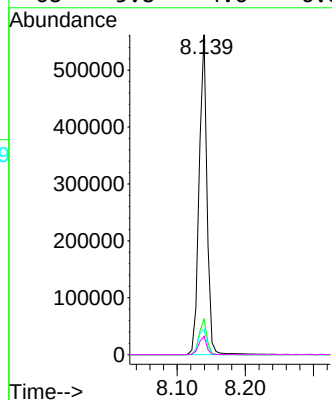


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123301.D
Acq: 25 Feb 2021 16:29

Instrument :
BNA_F
ClientSampleId :
SLABS-SLP

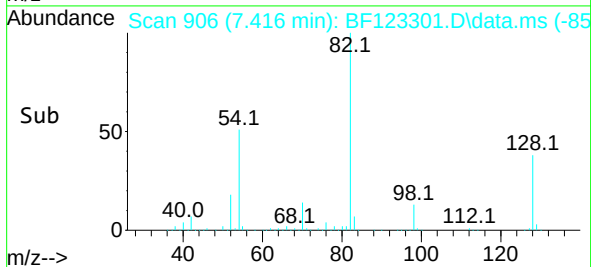
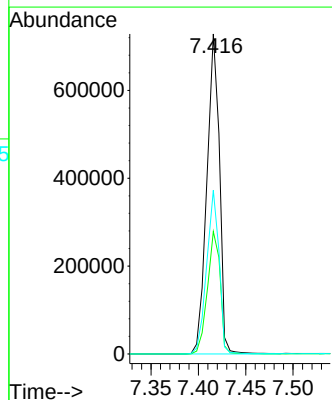
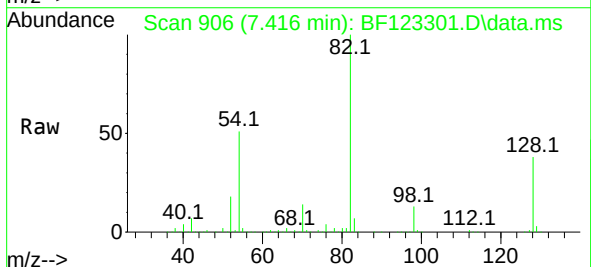


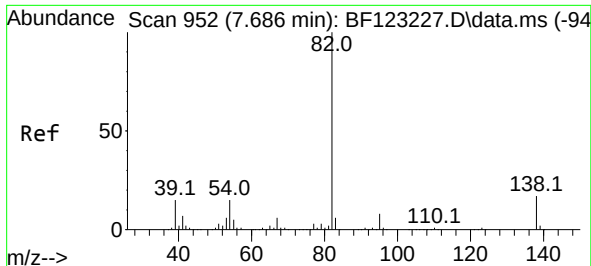
Tgt Ion:136 Resp: 448047
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.0 5.5 8.3
68 5.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 68.70 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123301.D
Acq: 25 Feb 2021 16:29

Tgt Ion: 82 Resp: 672378
Ion Ratio Lower Upper
82 100
128 38.2 37.0 55.4
54 51.2 38.4 57.6

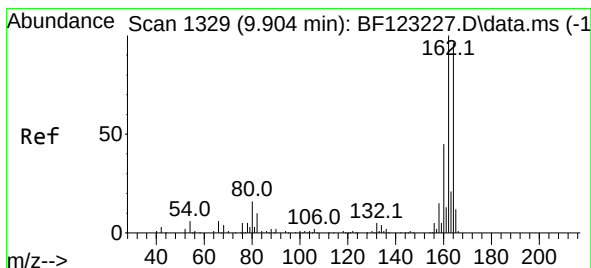
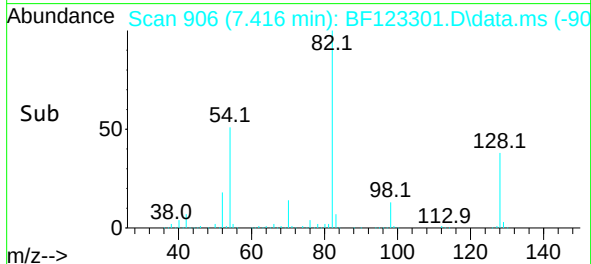
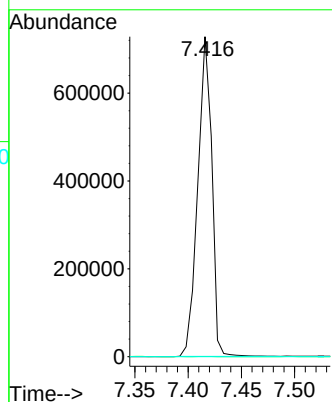
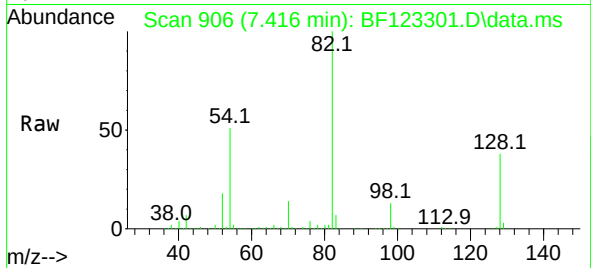




#25
Isophorone
Concen: 36.43 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF123301.D
Acq: 25 Feb 2021 16:29

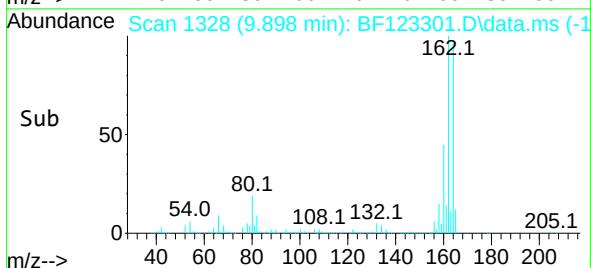
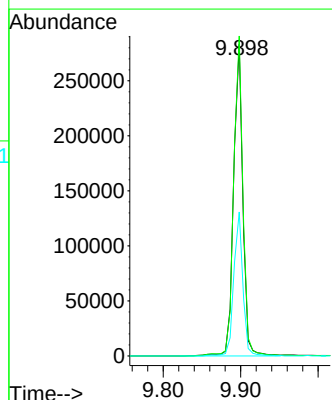
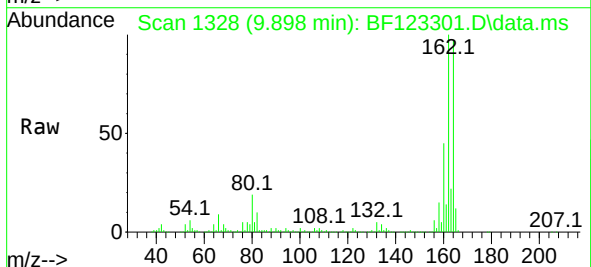
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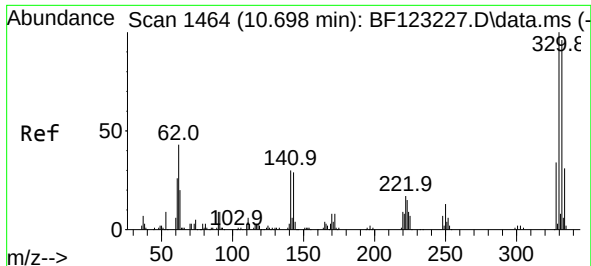
Tgt Ion: 82 Resp: 666815
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123301.D
Acq: 25 Feb 2021 16:29

Tgt Ion: 164 Resp: 236296
Ion Ratio Lower Upper
164 100
162 102.7 80.8 121.2
160 46.2 35.4 53.0

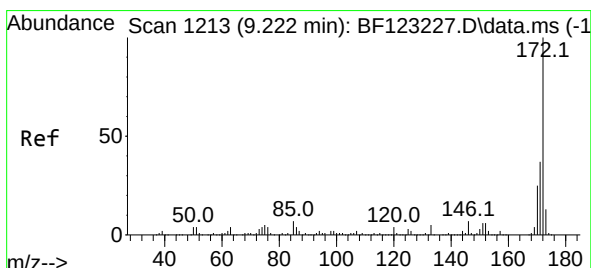
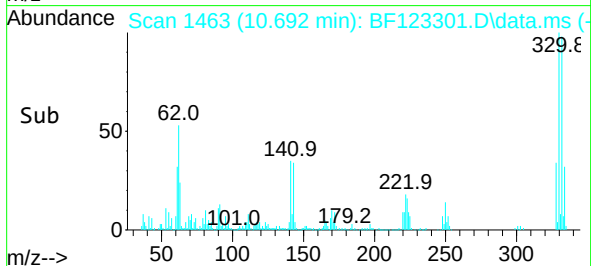
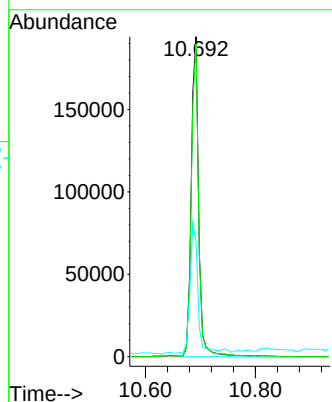
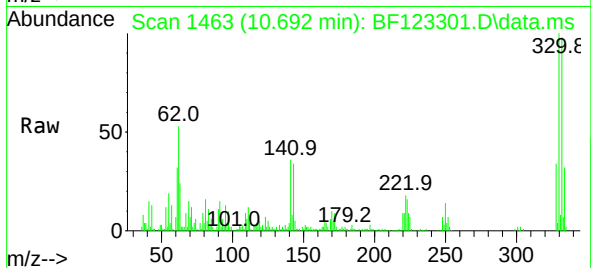




#42
2,4,6-Tribromophenol
Concen: 75.40 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123301.D
Acq: 25 Feb 2021 16:29

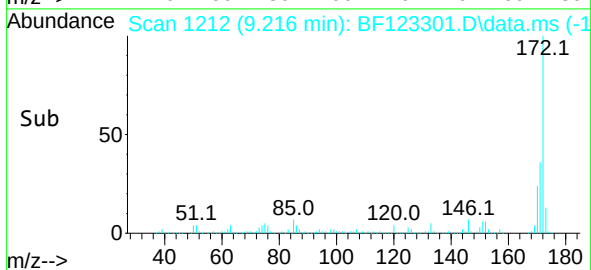
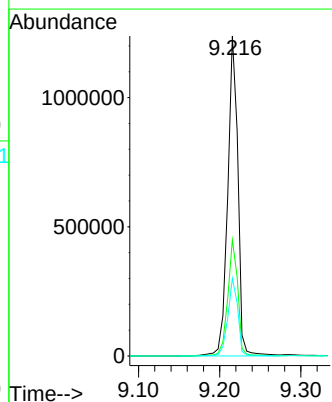
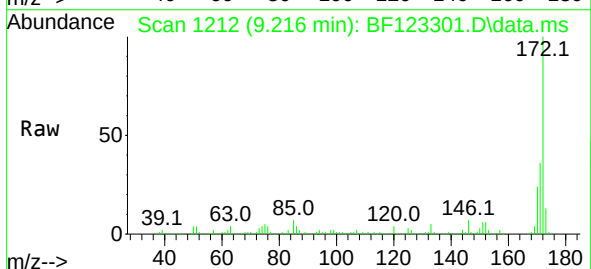
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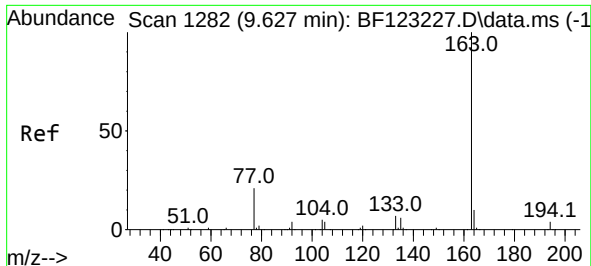
Tgt Ion: 330 Resp: 181425
Ion Ratio Lower Upper
330 100
332 94.2 77.5 116.3
141 42.2 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 66.24 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123301.D
Acq: 25 Feb 2021 16:29

Tgt Ion: 172 Resp: 1089738
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.2 19.5 29.3

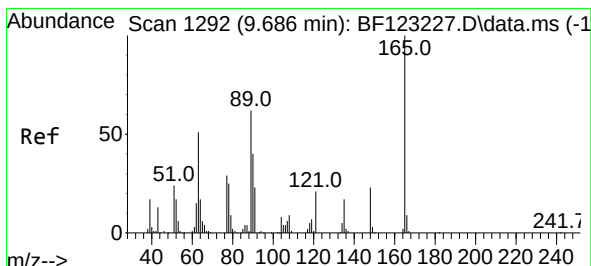
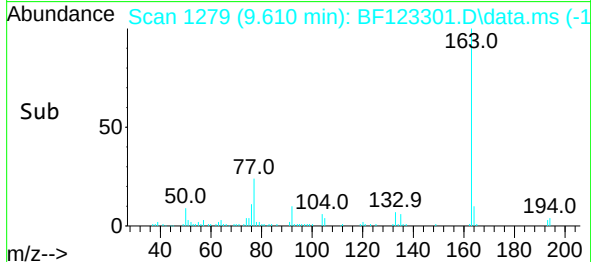
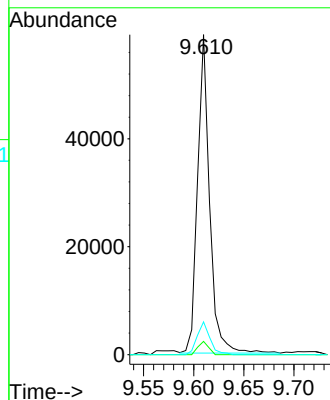
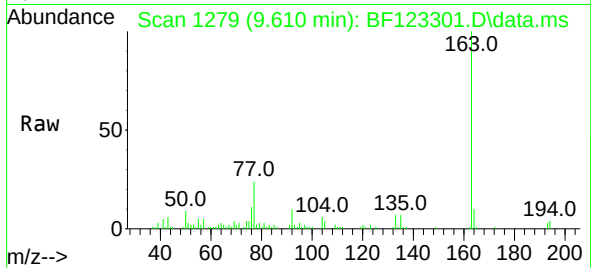




#50
Dimethylphthalate
Concen: 2.79 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF123301.D
Acq: 25 Feb 2021 16:29

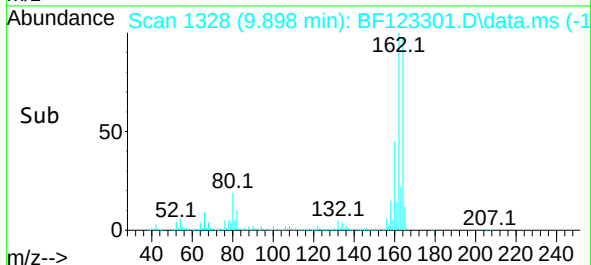
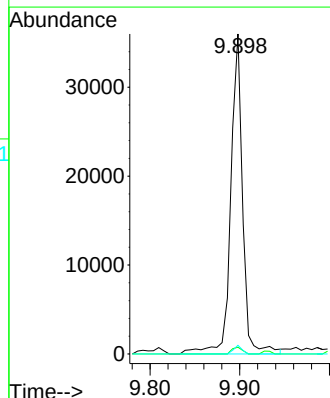
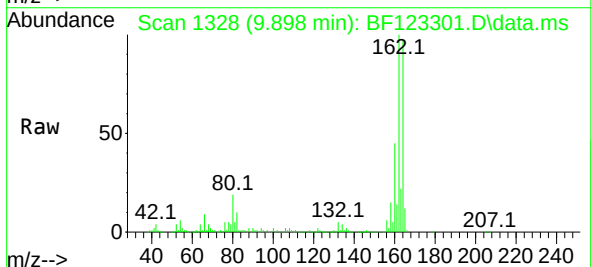
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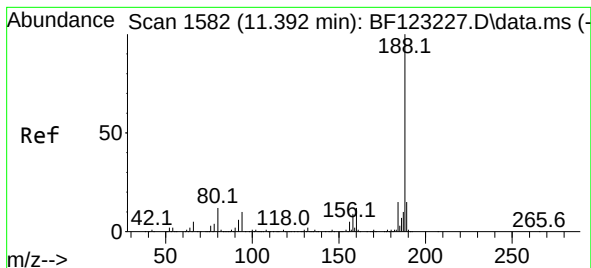
Tgt Ion:163 Resp: 49252
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 8.13 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123301.D
Acq: 25 Feb 2021 16:29

Tgt Ion:165 Resp: 33092
Ion Ratio Lower Upper
165 100
63 2.1 36.6 55.0#
89 2.7 39.4 59.0#

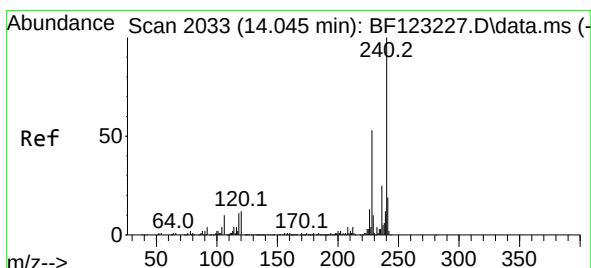
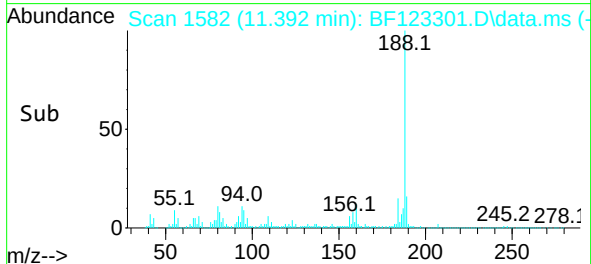
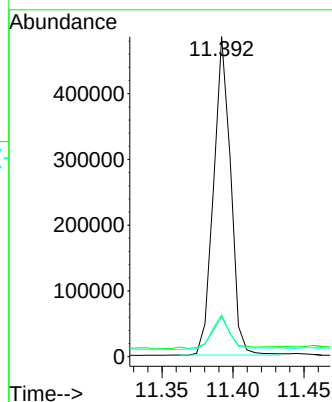
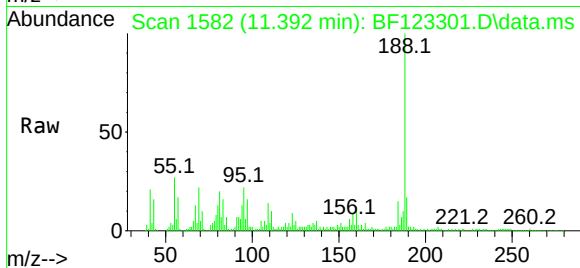




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF123301.D
Acq: 25 Feb 2021 16:29

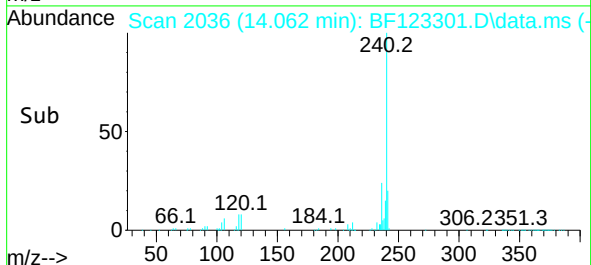
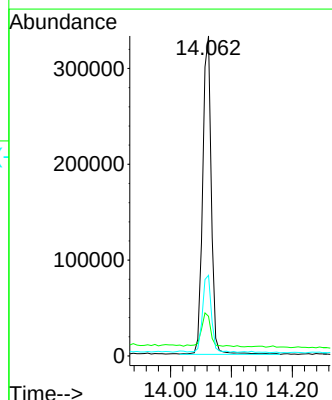
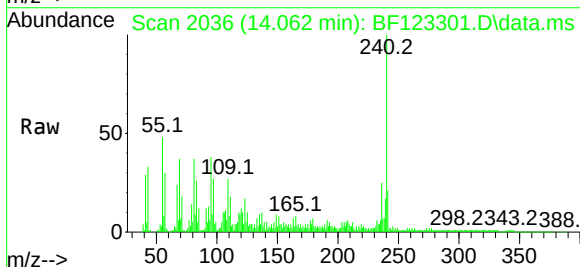
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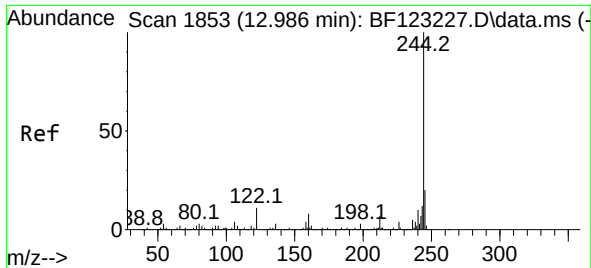
Tgt Ion:188 Resp: 405091
Ion Ratio Lower Upper
188 100
94 12.5 7.4 11.2#
80 13.1 8.2 12.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF123301.D
Acq: 25 Feb 2021 16:29

Tgt Ion:240 Resp: 327909
Ion Ratio Lower Upper
240 100
120 12.4 8.6 12.8
236 25.2 20.3 30.5

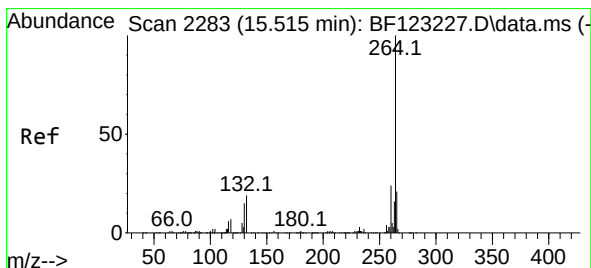
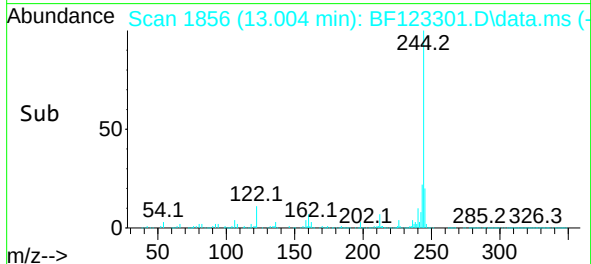
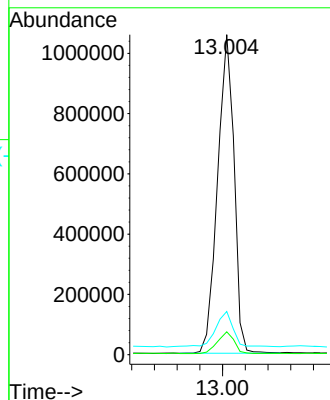
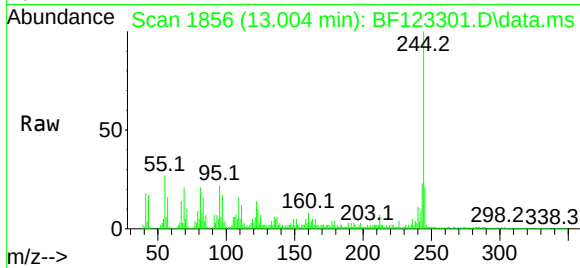




#79
Terphenyl-d14
Concen: 62.59 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.018 min
Lab File: BF123301.D
Acq: 25 Feb 2021 16:29

Instrument :
BNA_F
ClientSampleId :
SLABS-SLP

Tgt Ion:244 Resp: 1067284
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 13.5 8.3 12.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF123301.D
Acq: 25 Feb 2021 16:29

Tgt Ion:264 Resp: 256273
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.4 17.0 25.6

