

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)

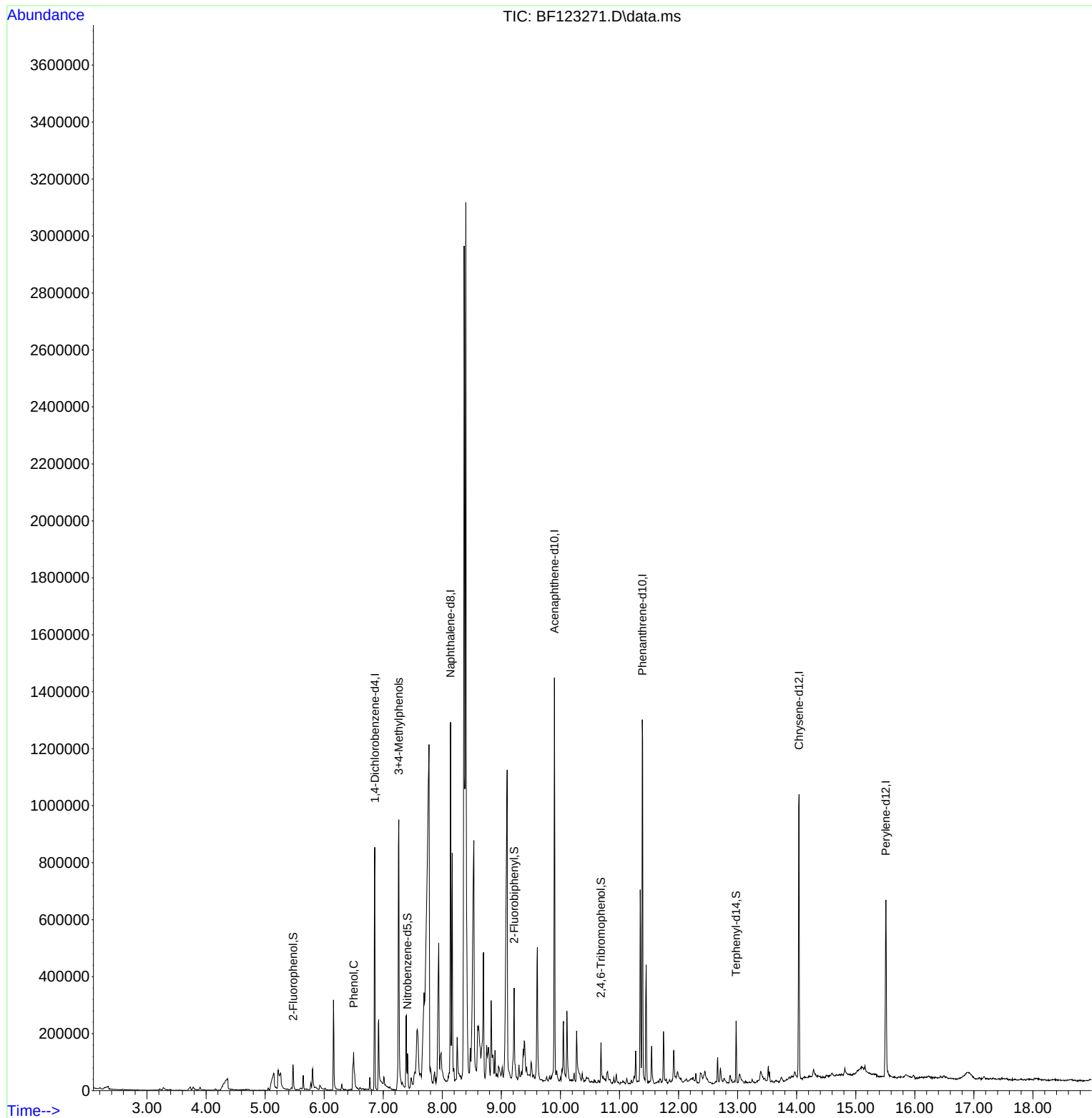
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	115651	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	470379	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	241140	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	456961	20.00	ng	0.00
76) Chrysene-d12	14.039	240	330897	20.00	ng	0.00
86) Perylene-d12	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						
10) Phenol	6.498	94	37884	3.18	ng	Qvalue 96
20) 3+4-Methylphenols	7.263	107	238908	25.06	ng	# 60

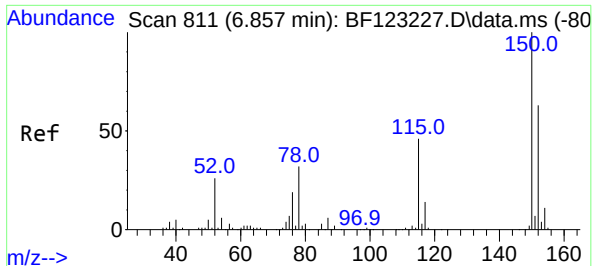
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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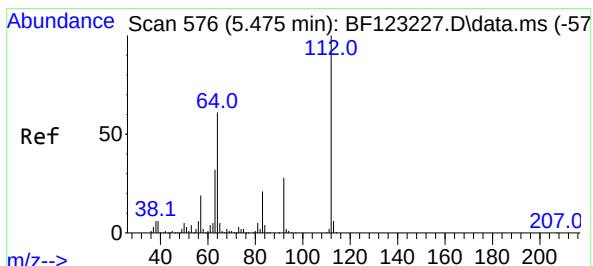
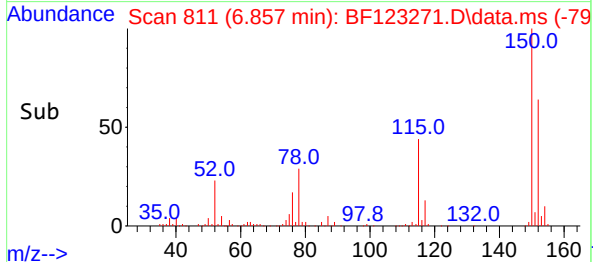
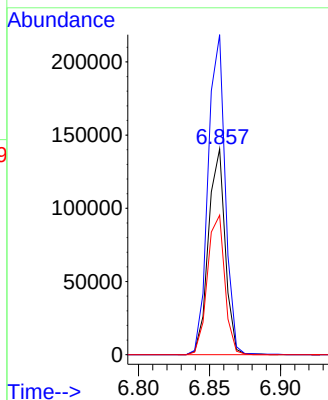
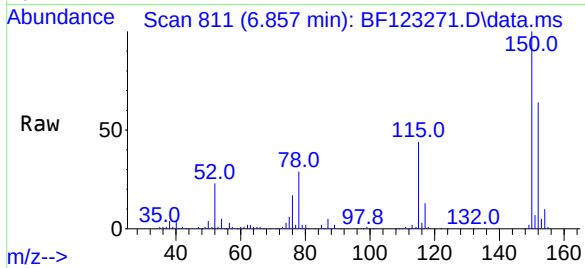




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

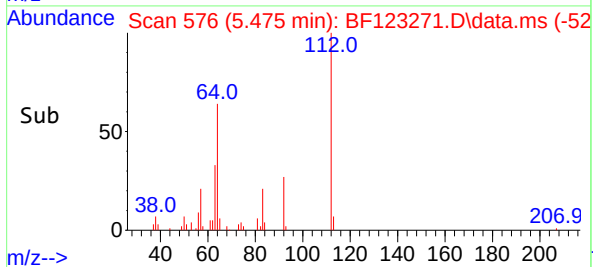
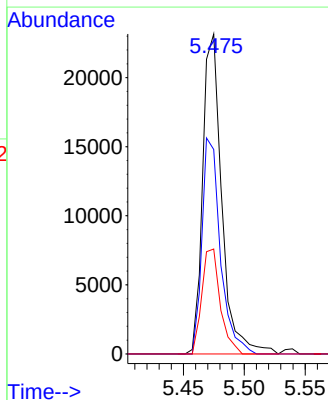
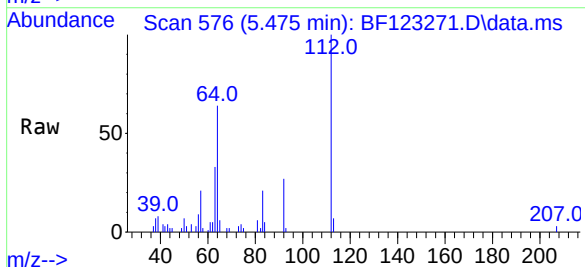
Instrument :
BNA_F
ClientSampleId :
41061DL

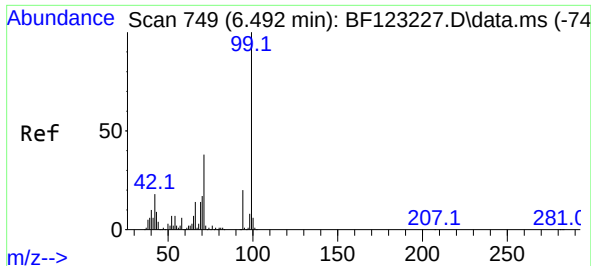
Tgt Ion:152 Resp: 115651
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 67.8 49.3 73.9



#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

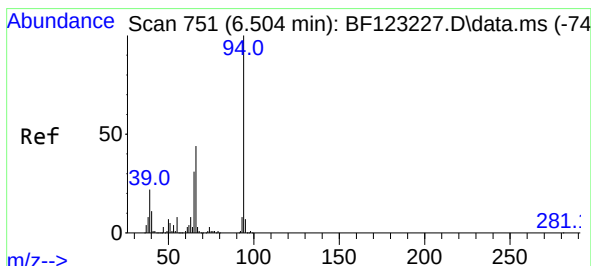
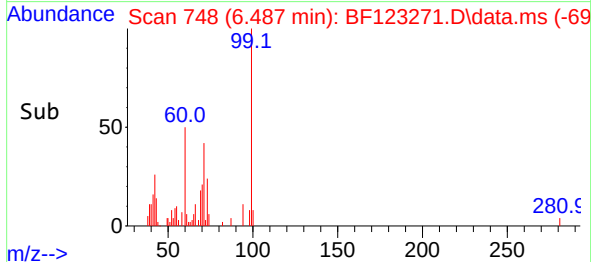
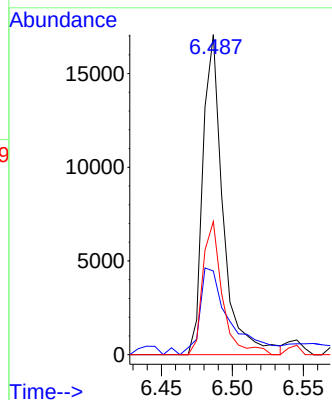
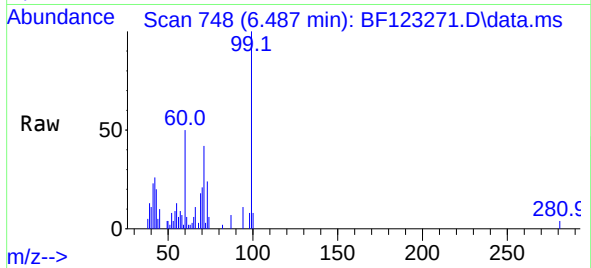




#7
Phenol-d6
Concen: 1.55 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

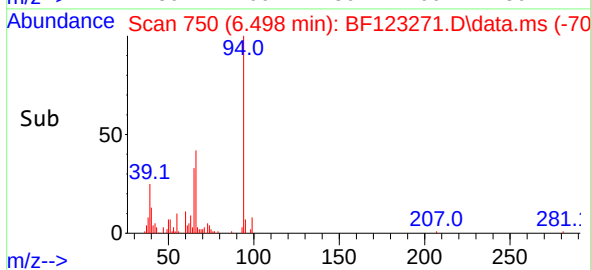
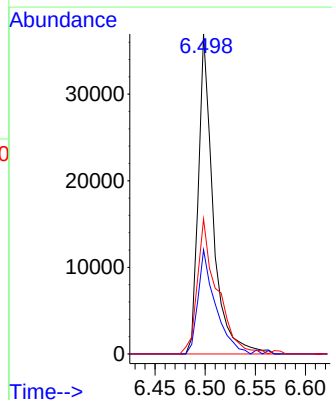
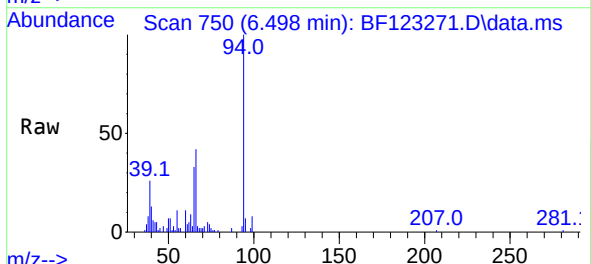
Instrument :
BNA_F
ClientSampleId :
41061DL

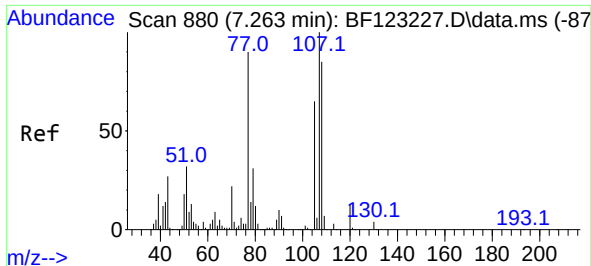
Tgt Ion: 99 Resp: 16953
Ion Ratio Lower Upper
99 100
42 26.2 13.8 20.6#
71 41.6 26.9 40.3#



#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



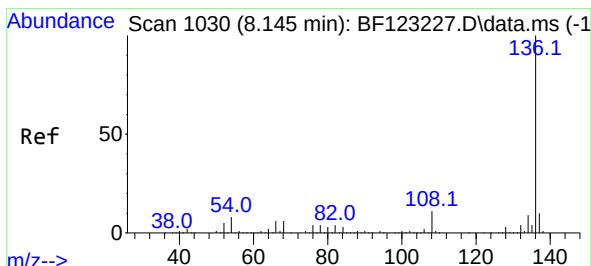
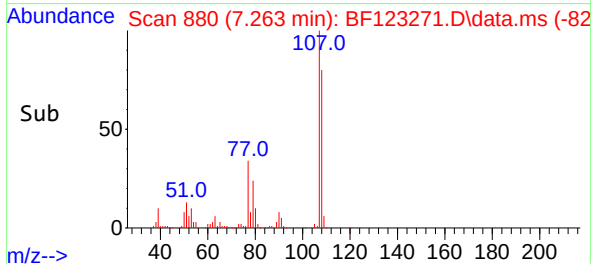
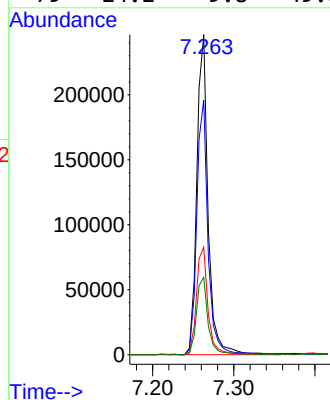
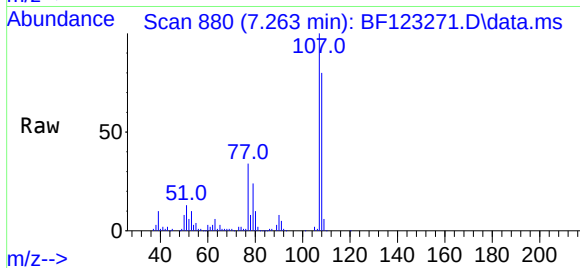


#20
3+4-Methylphenols
Concen: 25.06 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

Instrument :
BNA_F
ClientSampleId :
41061DL

Tgt Ion:107 Resp: 238908

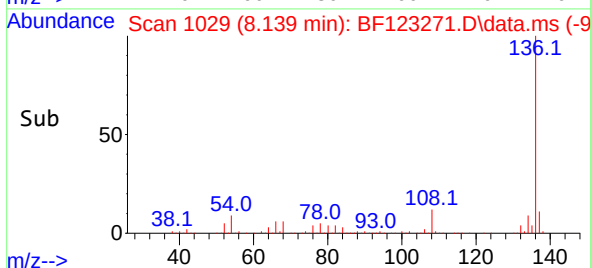
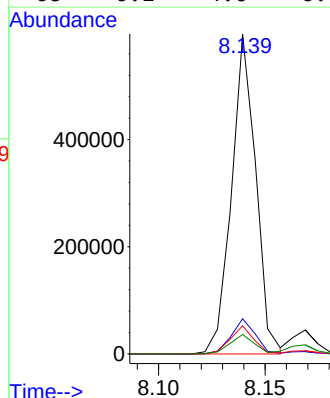
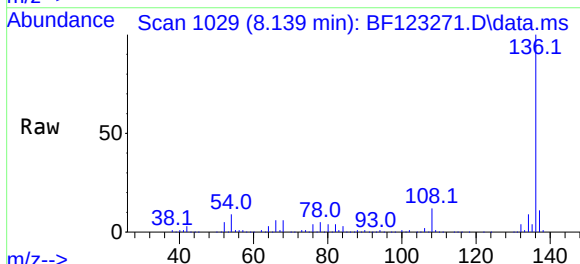
Ion	Ratio	Lower	Upper
107	100		
108	79.5	68.7	108.7
77	33.6	89.8	129.8#
79	24.2	9.8	49.8

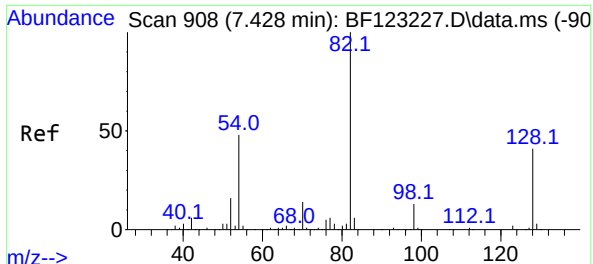


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

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

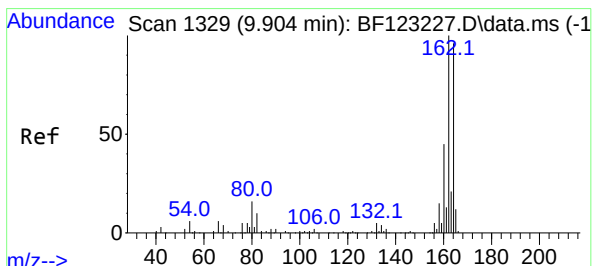
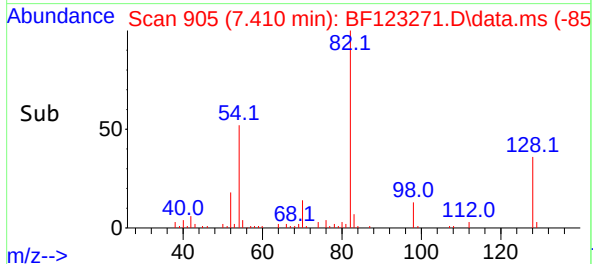
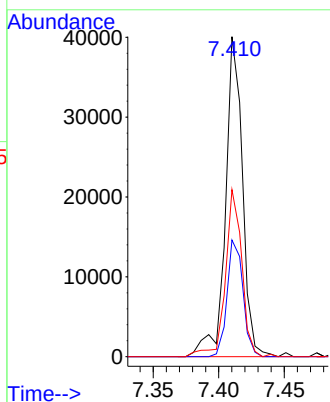
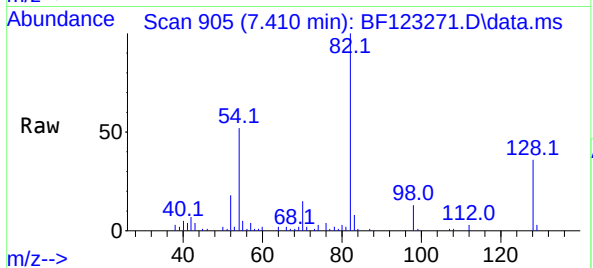




#23
Nitrobenzene-d5
Concen: 3.52 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

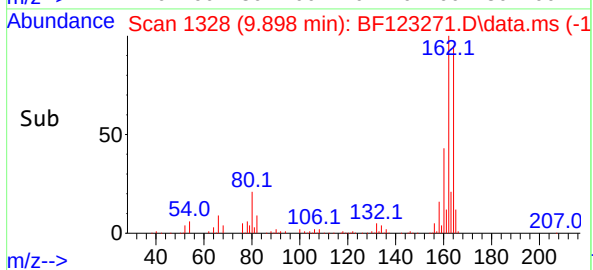
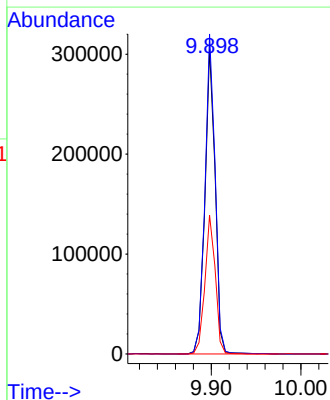
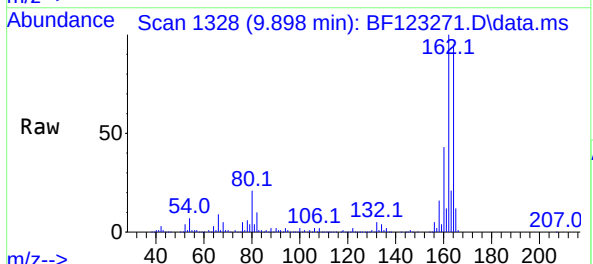
Instrument :
BNA_F
ClientSampleID :
41061DL

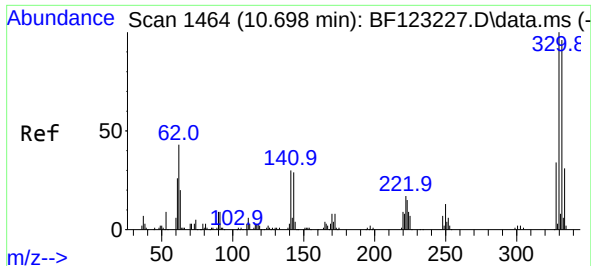
Tgt Ion: 82 Resp: 36221
Ion Ratio Lower Upper
82 100
128 36.5 37.0 55.4#
54 52.2 38.4 57.6



#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

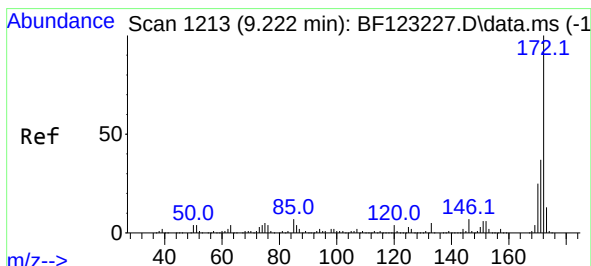
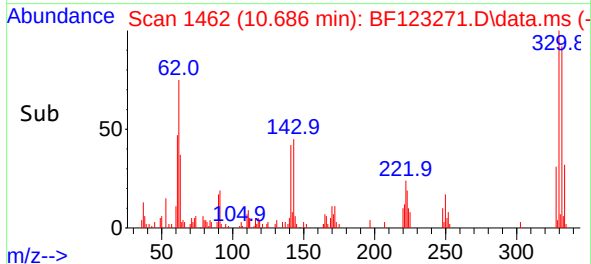
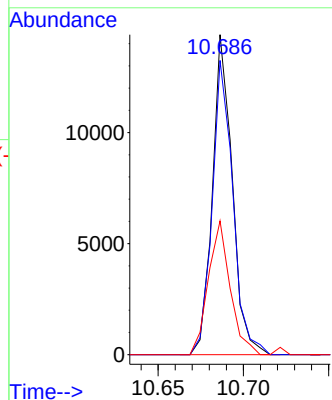
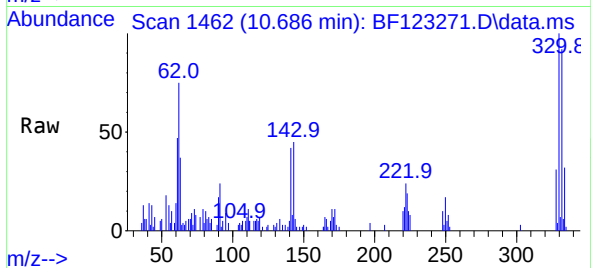




#42
2,4,6-Tribromophenol
Concen: 4.75 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

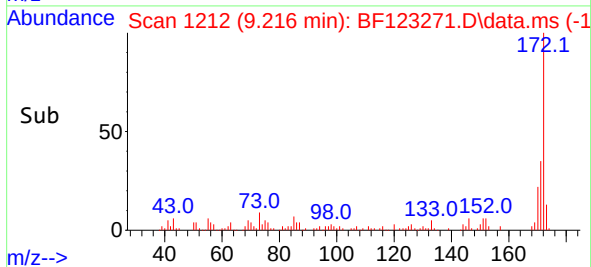
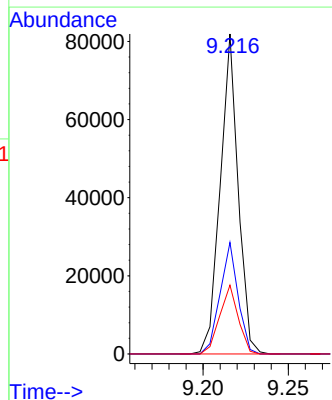
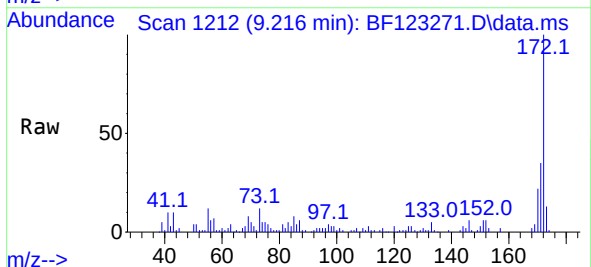
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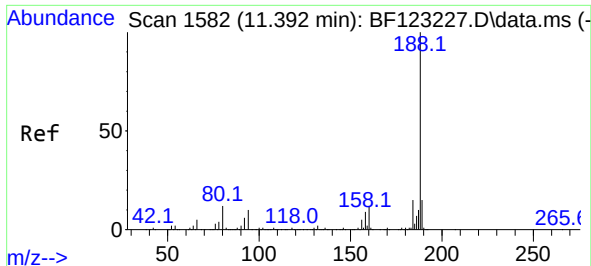
Tgt Ion:330 Resp: 11657
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 46.1 23.8 35.8#



#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



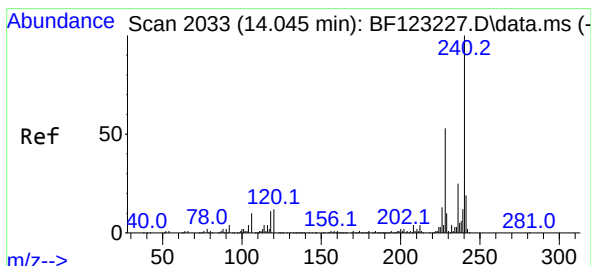
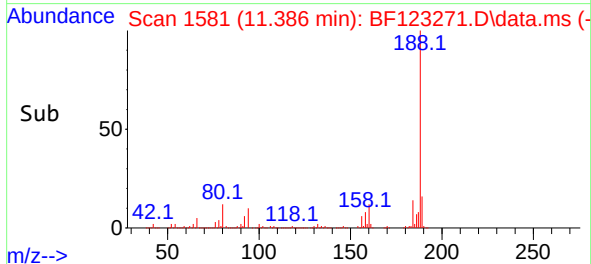
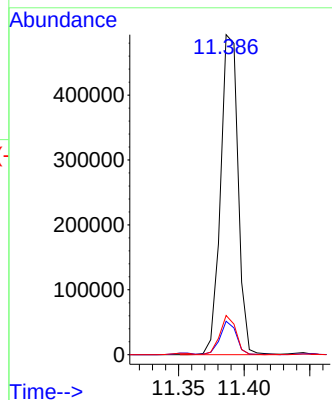
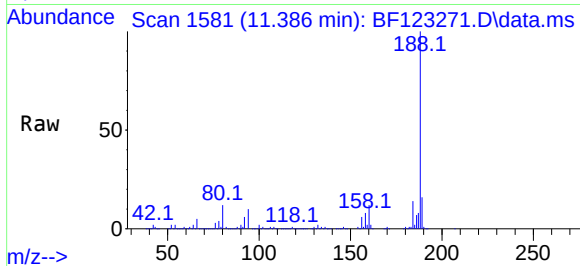


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 456961

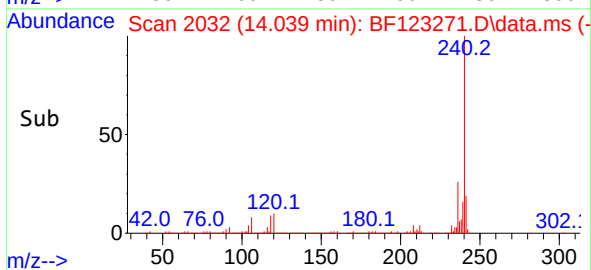
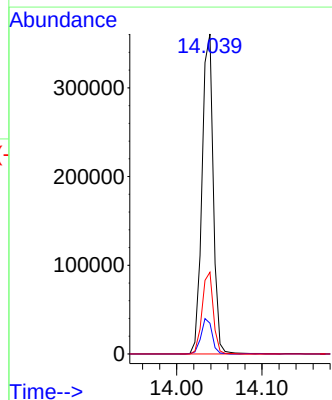
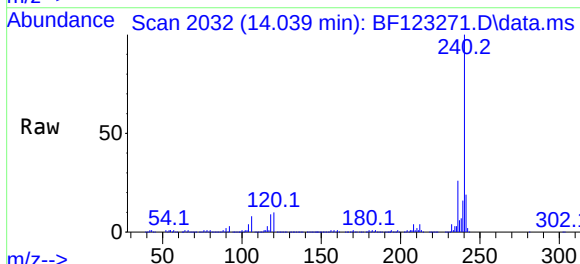
Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.4	11.2
80	12.2	8.2	12.4

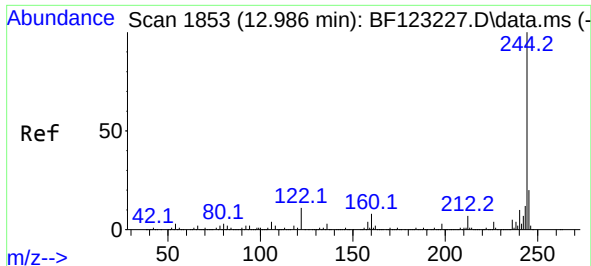


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

Tgt Ion:240 Resp: 330897

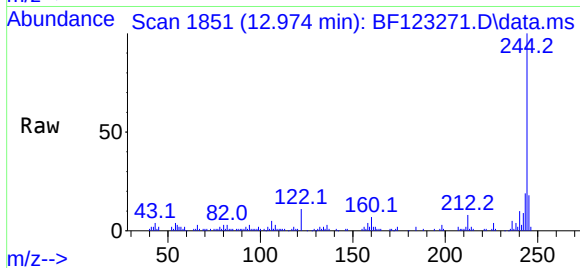
Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.6	12.8
236	25.5	20.3	30.5



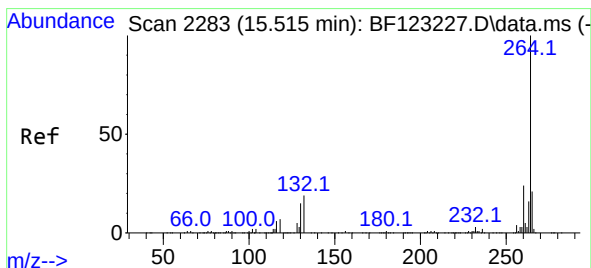
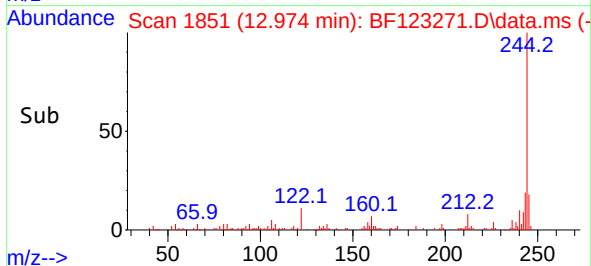
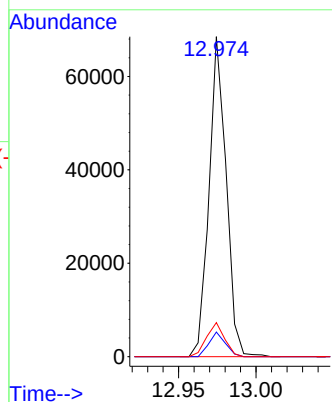


#79
Terphenyl-d14
Concen: 3.06 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF123271.D
Acq: 22 Feb 2021 21:58

Instrument :
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ClientSampleId :
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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

