

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123440.D
 Acq On : 24 Mar 2021 15:41
 Operator : JU/CG
 Sample : M1770-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105D

Quant Time: Mar 24 16:24:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 24 12:51:15 2021
 Response via : Initial Calibration

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

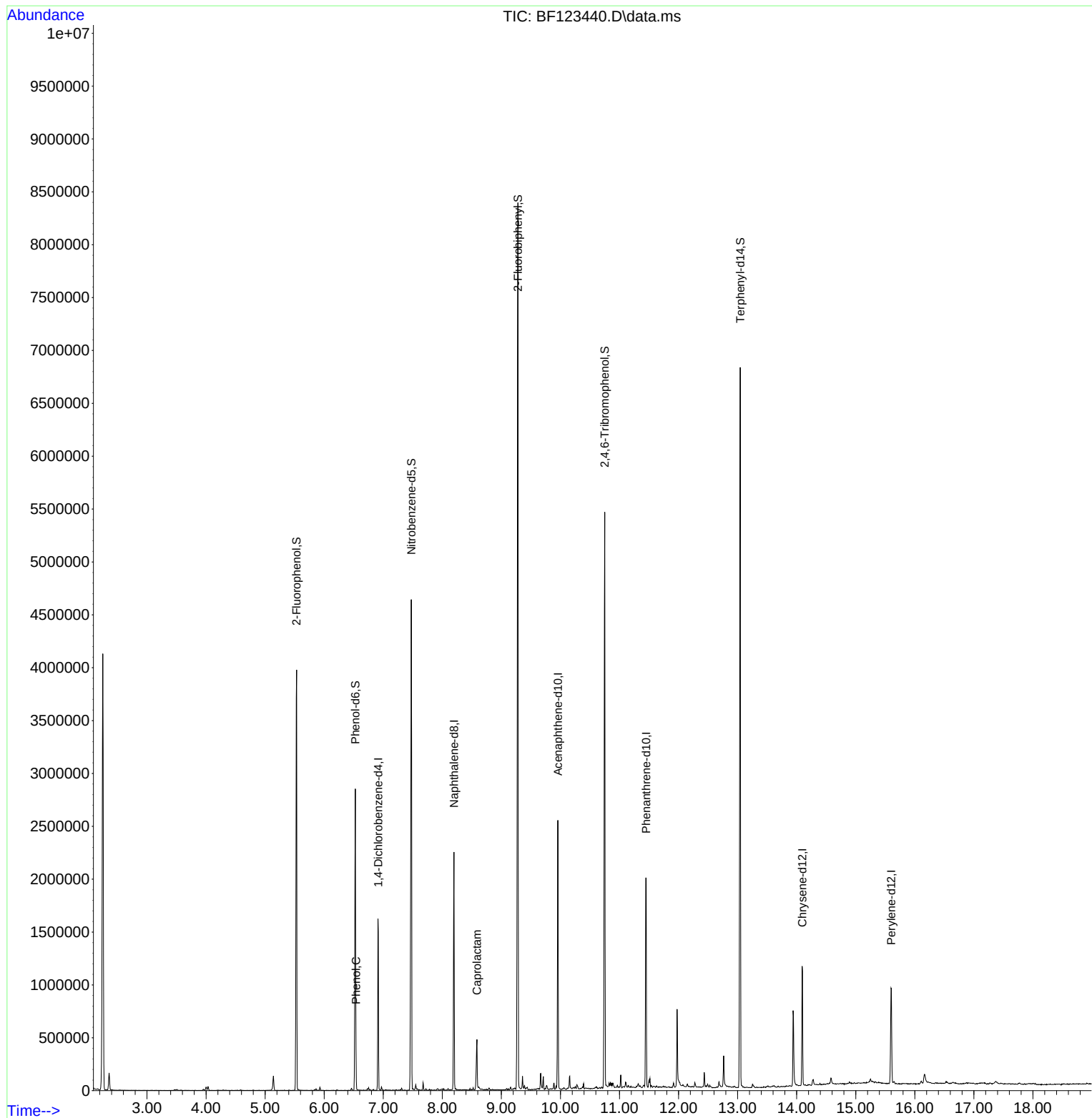
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	233949	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	884426	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	483618	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	747404	20.00	ng	0.00
76) Chrysene-d12	14.098	240	410654	20.00	ng	-0.01
86) Perylene-d12	15.604	264	450073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	994753	69.56	ng	0.00
7) Phenol-d6	6.528	99	789635	41.48	ng	-0.01
23) Nitrobenzene-d5	7.475	82	1556720	95.00	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	666648	123.30	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	2680932	79.20	ng	0.00
79) Terphenyl-d14	13.045	244	2205362	91.01	ng	0.00
Target Compounds						
10) Phenol	6.539	94	67189	3.44	ng	Qvalue 93
35) Caprolactam	8.586	113	46920	11.04	ng	# 52

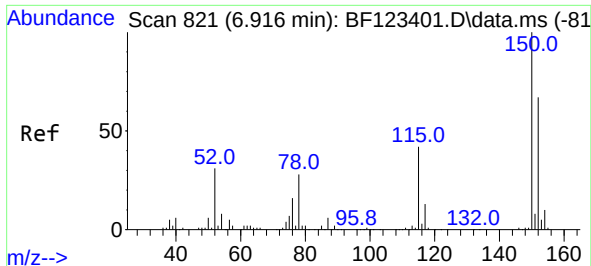
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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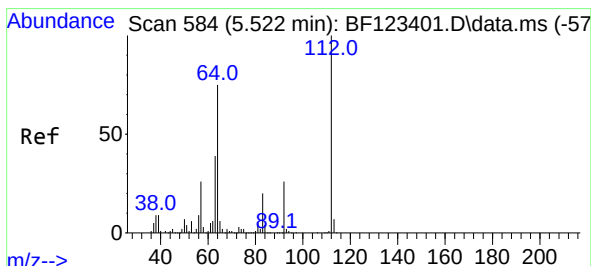
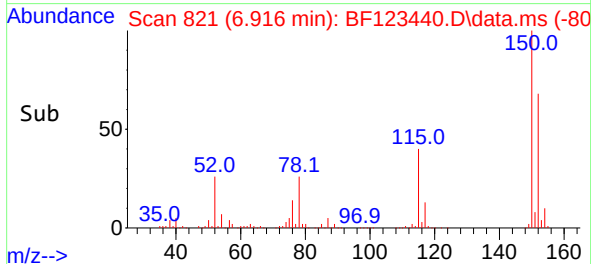
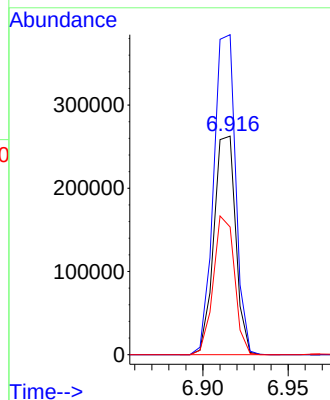
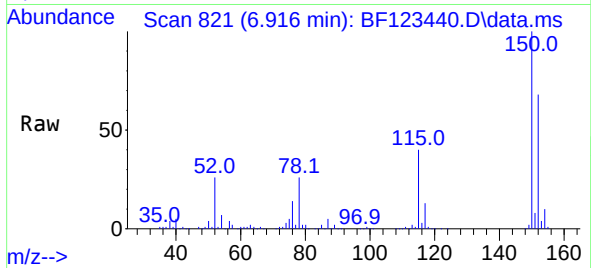




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

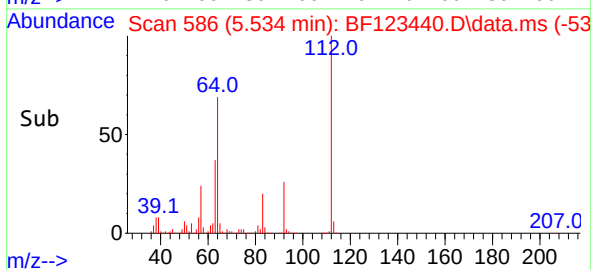
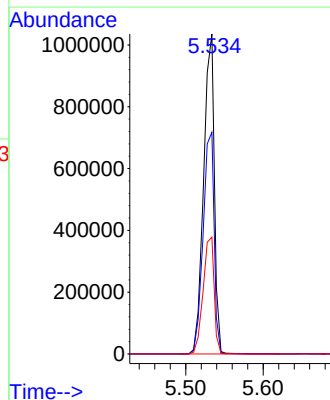
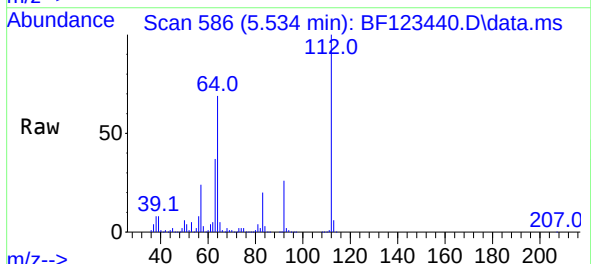
Instrument :
BNA_F
ClientSampleId :
MW-105D

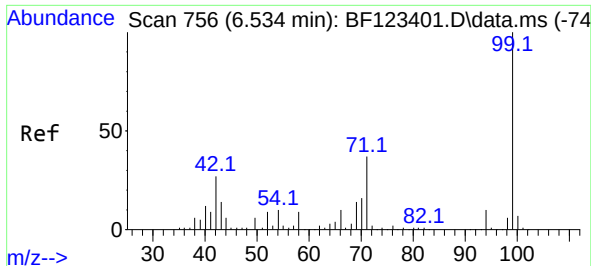
Tgt Ion:152 Resp: 233949
Ion Ratio Lower Upper
152 100
150 146.4 125.8 188.6
115 58.4 49.3 73.9



#5
2-Fluorophenol
Concen: 69.56 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

Tgt Ion:112 Resp: 994753
Ion Ratio Lower Upper
112 100
64 69.2 46.9 70.3
63 36.5 24.5 36.7

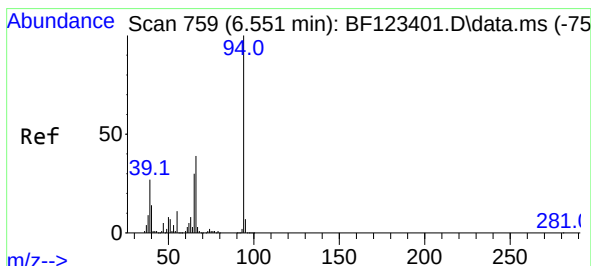
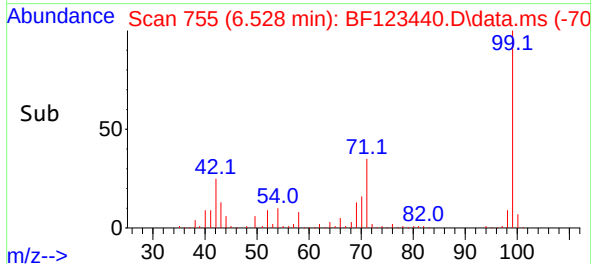
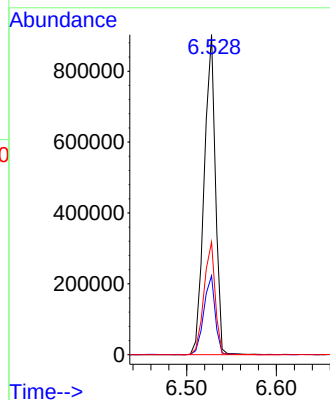
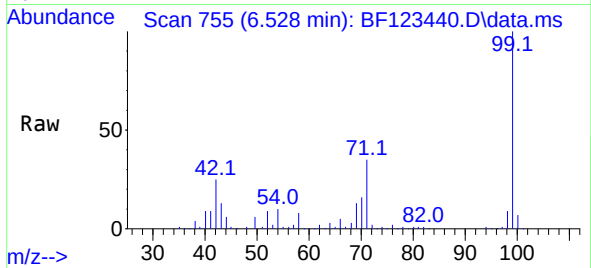




#7
Phenol-d6
Concen: 41.48 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

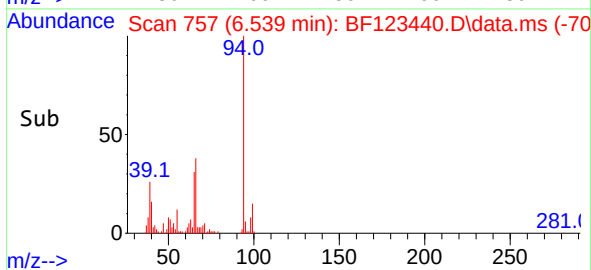
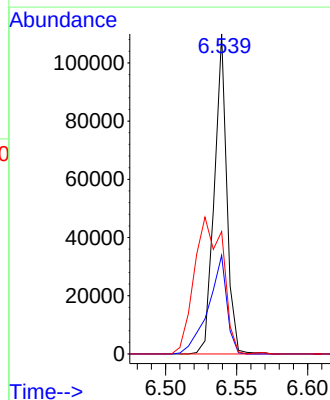
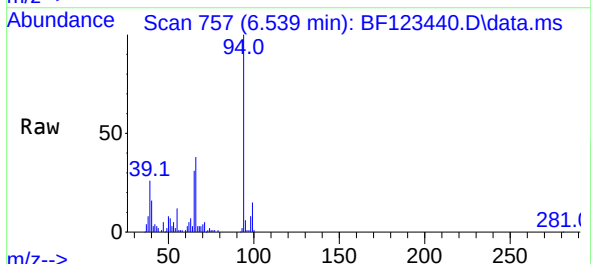
Instrument :
BNA_F
ClientSampleId :
MW-105D

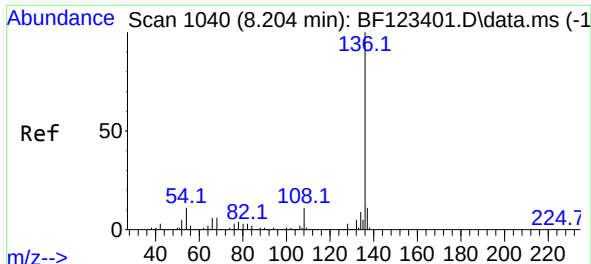
Tgt Ion: 99 Resp: 789635
Ion Ratio Lower Upper
99 100
42 24.7 13.8 20.6#
71 35.2 26.9 40.3



#10
Phenol
Concen: 3.44 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

Tgt Ion: 94 Resp: 67189
Ion Ratio Lower Upper
94 100
65 30.8 11.2 51.2
66 38.2 25.8 65.8



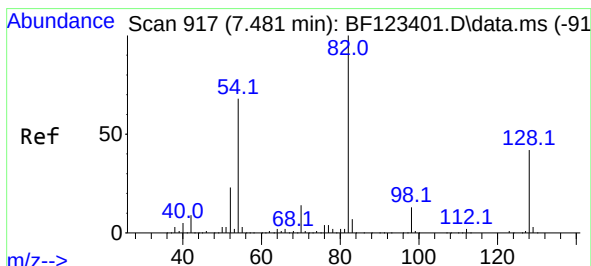
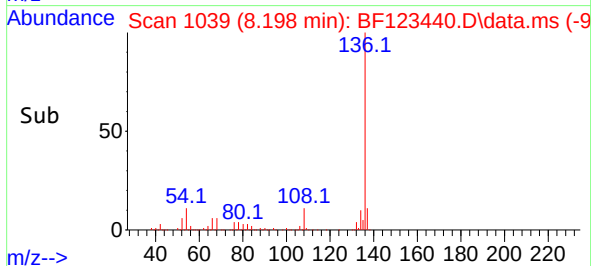
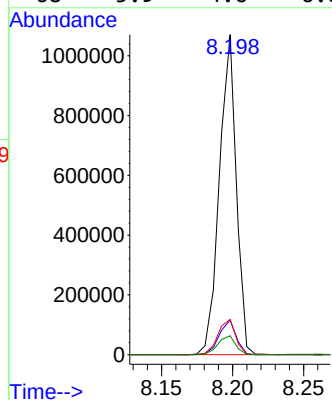
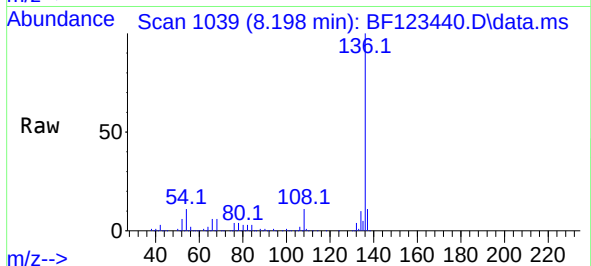


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion:136 Resp: 884426

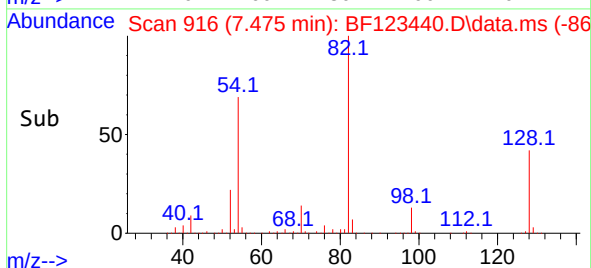
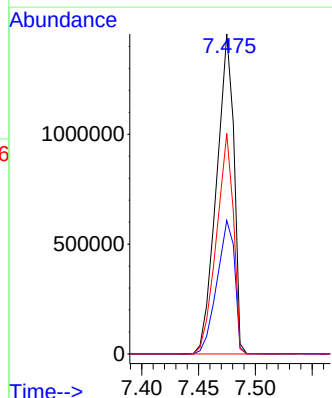
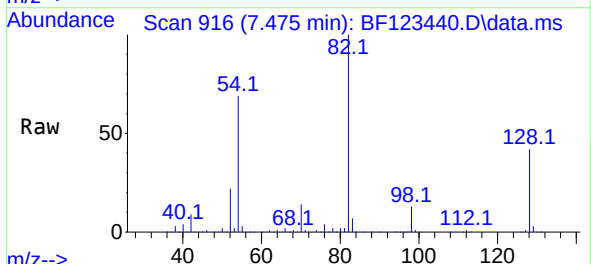
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	11.0	5.5	8.3#
68	5.9	4.6	6.8

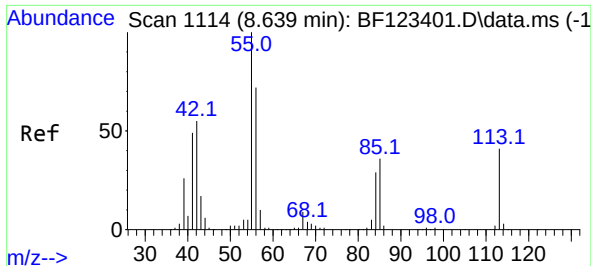


#23
Nitrobenzene-d5
Concen: 95.00 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

Tgt Ion: 82 Resp: 1556720

Ion	Ratio	Lower	Upper
82	100		
128	41.7	37.0	55.4
54	68.9	38.4	57.6#

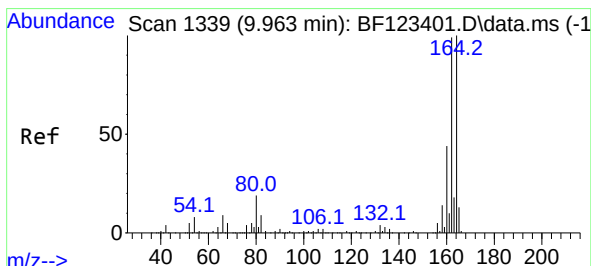
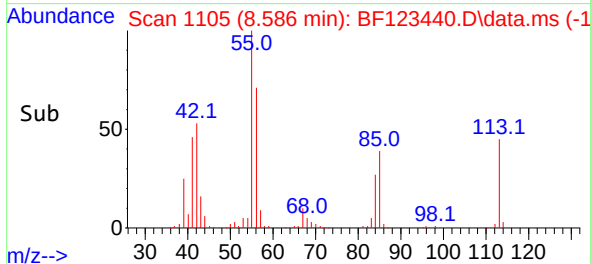
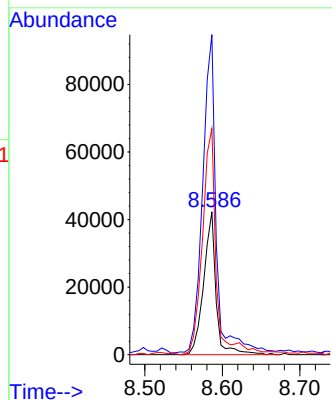
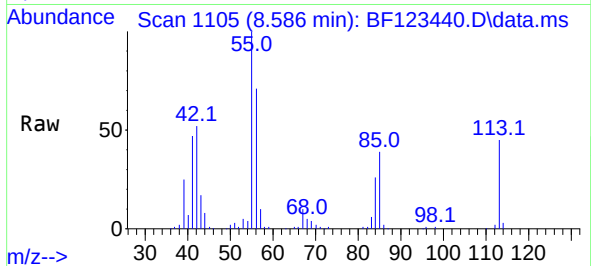




#35
Caprolactam
Concen: 11.04 ng
RT: 8.586 min Scan# 1105
Delta R.T. -0.065 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

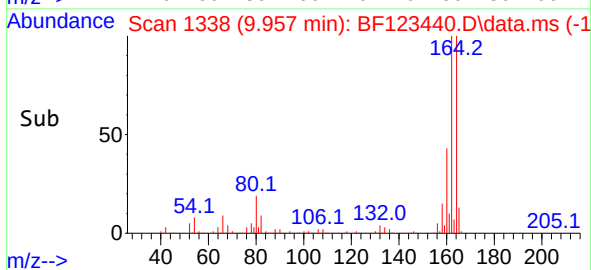
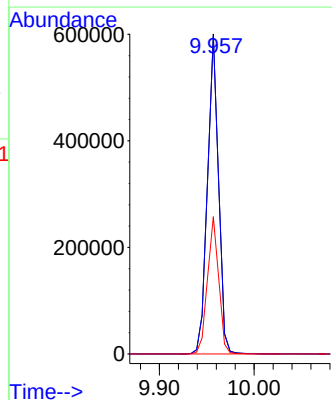
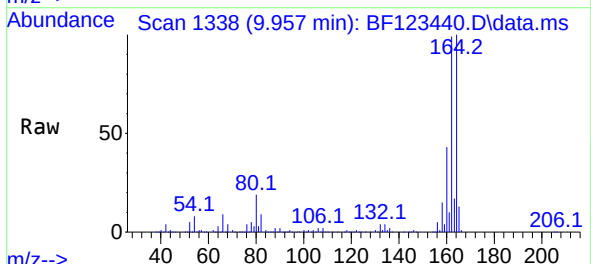
Instrument :
BNA_F
ClientSampled :
MW-105D

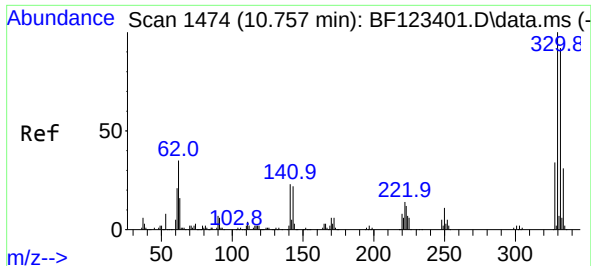
Tgt Ion:113 Resp: 46920
Ion Ratio Lower Upper
113 100
55 224.0 133.7 173.7#
56 158.3 95.3 135.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

Tgt Ion:164 Resp: 483618
Ion Ratio Lower Upper
164 100
162 99.2 80.8 121.2
160 42.9 35.4 53.0

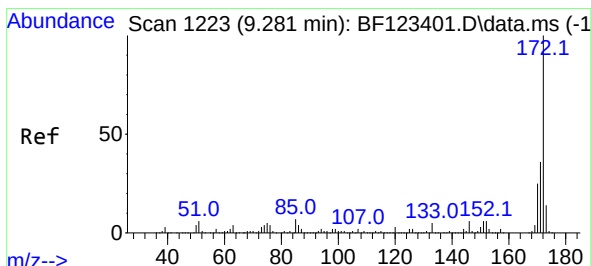
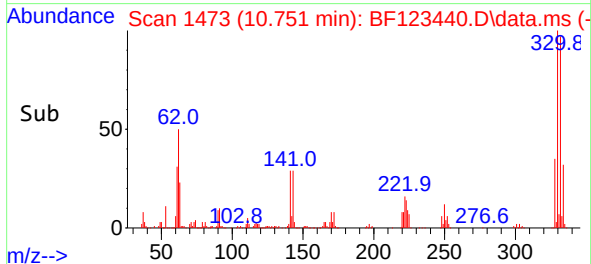
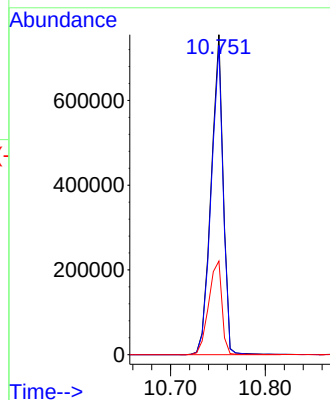
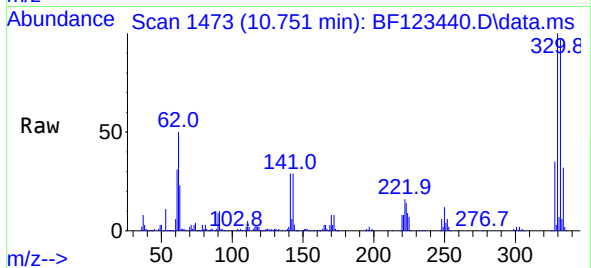




#42
2,4,6-Tribromophenol
Concen: 123.30 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

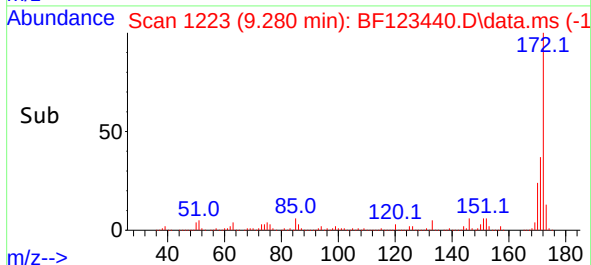
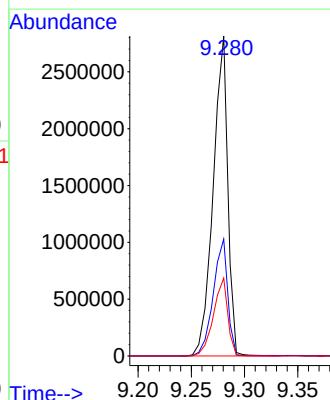
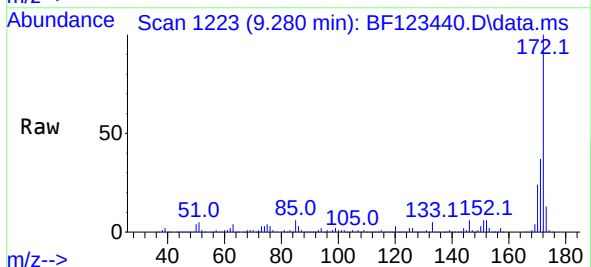
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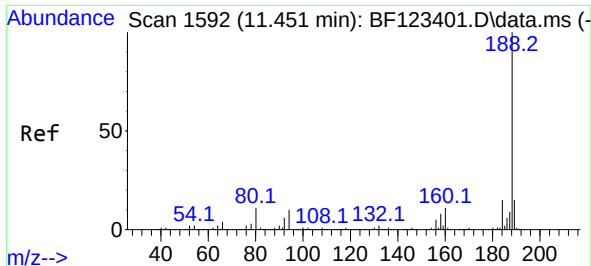
Tgt Ion: 330 Resp: 666648
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 32.2 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 79.20 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

Tgt Ion: 172 Resp: 2680932
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.3 19.5 29.3

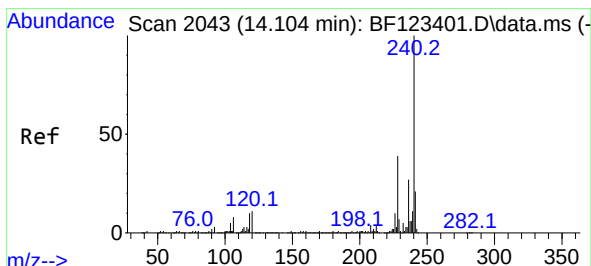
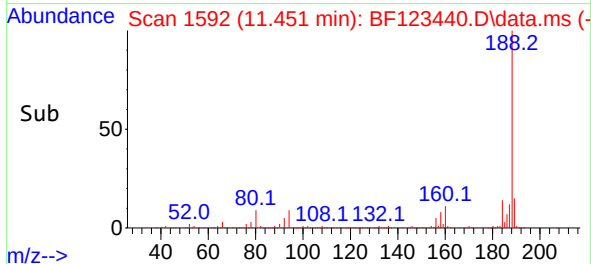
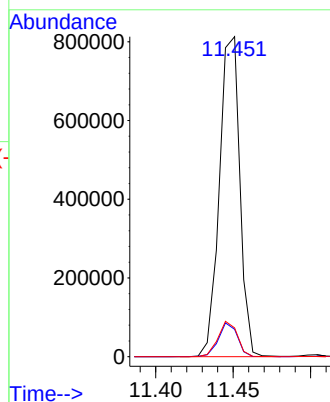
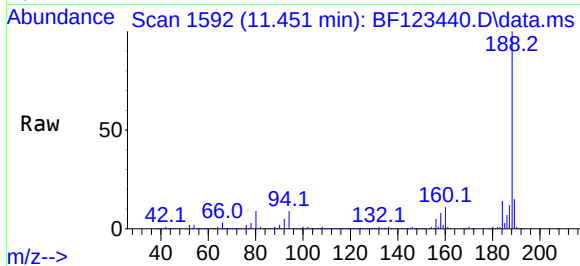




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

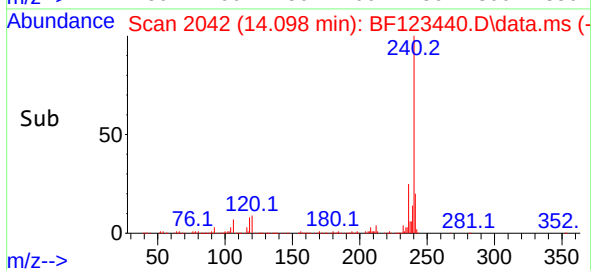
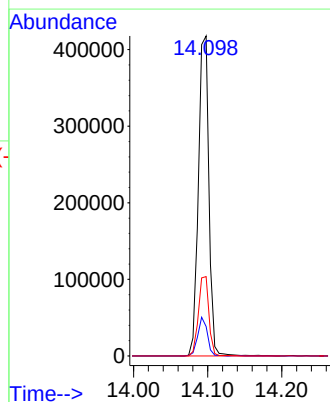
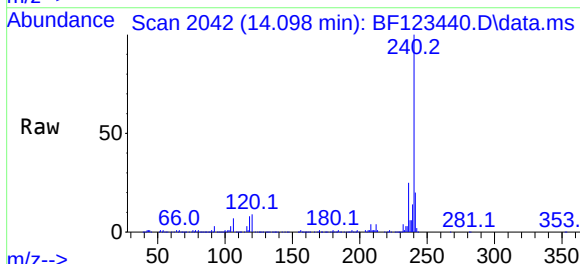
Instrument :
BNA_F
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MW-105D

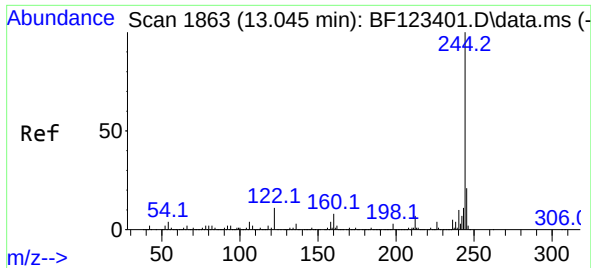
Tgt Ion:188 Resp: 747404
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.0 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

Tgt Ion:240 Resp: 410654
Ion Ratio Lower Upper
240 100
120 9.2 8.6 12.8
236 24.8 20.3 30.5

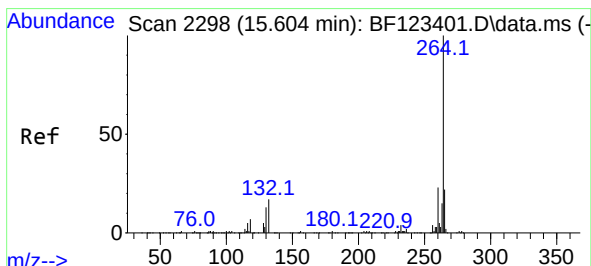
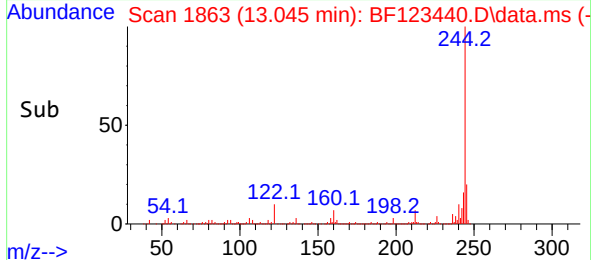
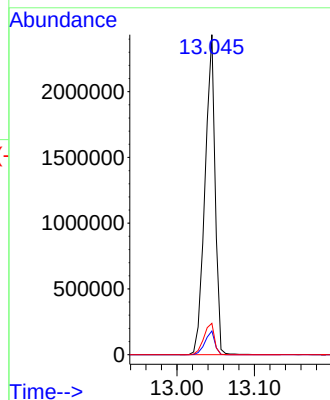
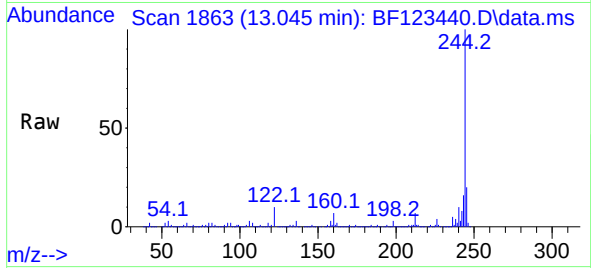




#79
Terphenyl-d14
Concen: 91.01 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion:244 Resp: 2205362
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 9.8 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.604 min Scan# 2298
Delta R.T. -0.006 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

Tgt Ion:264 Resp: 450073
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 22.2 17.0 25.6

