

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
 Data File : BP007240.D
 Acq On : 28 Sep 2021 20:27
 Operator : CG/JU
 Sample : M3960-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RAMB-MW06-GW

Quant Time: Sep 29 04:19:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

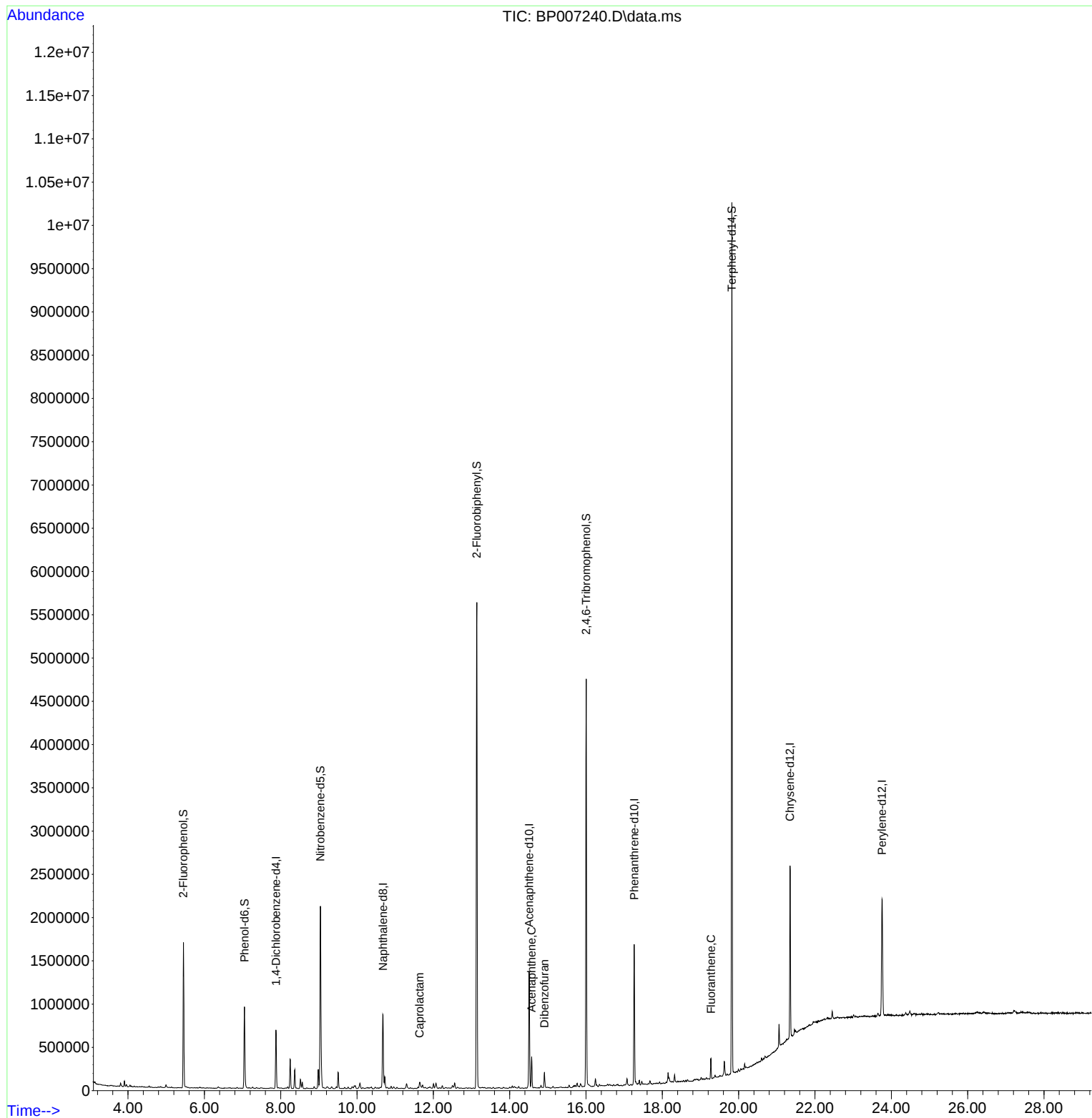
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	192859	20.000	ng	-0.02
21) Naphthalene-d8	10.681	136	756406	20.000	ng	#-0.01
39) Acenaphthene-d10	14.510	164	479985	20.000	ng	-0.02
64) Phenanthrene-d10	17.263	188	985373	20.000	ng	-0.01
76) Chrysene-d12	21.345	240	977871	20.000	ng	#-0.01
86) Perylene-d12	23.757	264	1033939	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	766747	66.551	ng	-0.01
7) Phenol-d6	7.052	99	579165	36.780	ng	-0.01
23) Nitrobenzene-d5	9.040	82	1255616	96.671	ng	-0.02
42) 2,4,6-Tribromophenol	16.004	330	1018687	163.703	ng	-0.01
45) 2-Fluorobiphenyl	13.140	172	3118701	93.085	ng	-0.01
79) Terphenyl-d14	19.822	244	4804558	94.151	ng	-0.01
Target Compounds						
						Qvalue
35) Caprolactam	11.640	113	24912	6.828	ng	# 76
52) Acenaphthene	14.575	154	130883	5.071	ng	100
55) Dibenzofuran	14.910	168	114687	2.664	ng	95
75) Fluoranthene	19.274	202	139130	2.286	ng	97

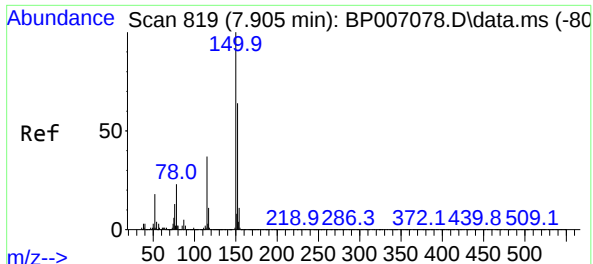
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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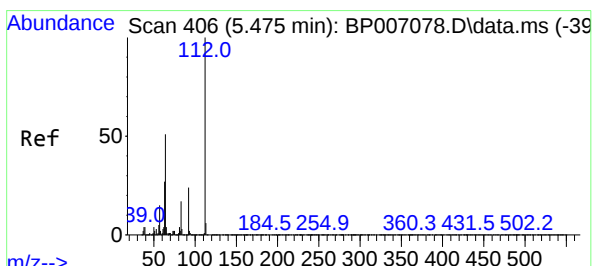
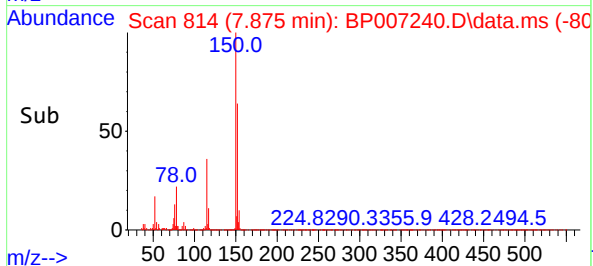
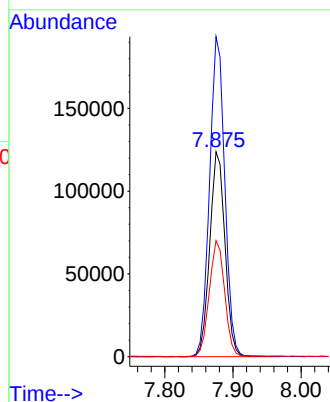
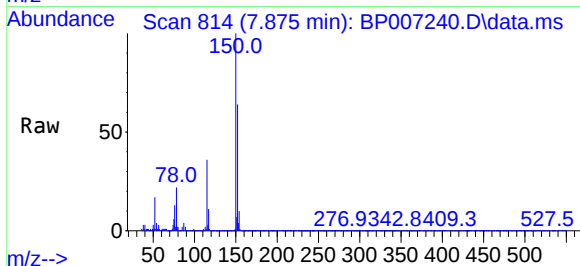




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.018 min
Lab File: BP007240.D
Acq: 28 Sep 2021 20:27

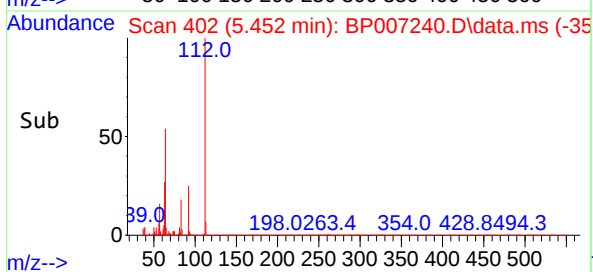
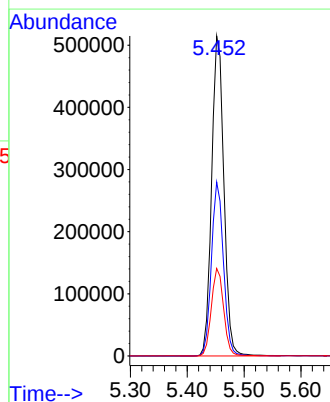
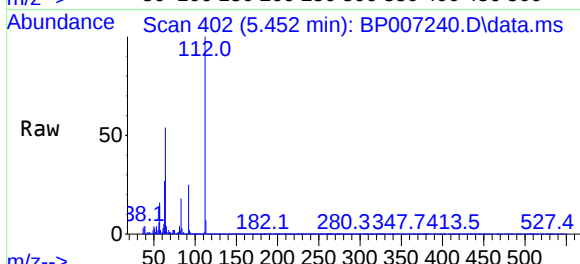
Instrument :
BNA_P
ClientSampleId :
RAMB-MW06-GW

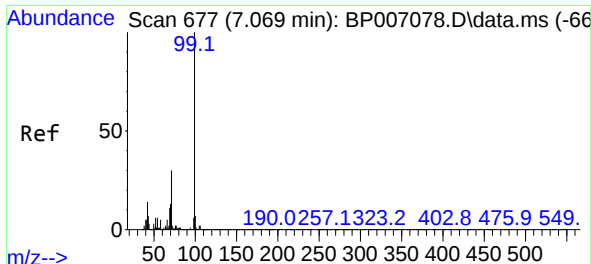
Tgt Ion:152 Resp: 192859
Ion Ratio Lower Upper
152 100
150 156.2 125.6 188.4
115 56.6 48.5 72.7



#5
2-Fluorophenol
Concen: 66.551 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.012 min
Lab File: BP007240.D
Acq: 28 Sep 2021 20:27

Tgt Ion:112 Resp: 766747
Ion Ratio Lower Upper
112 100
64 54.4 41.4 62.2
63 27.4 23.8 35.8

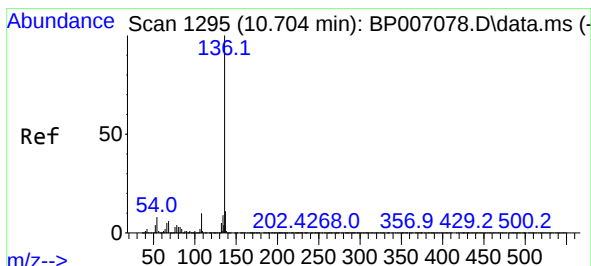
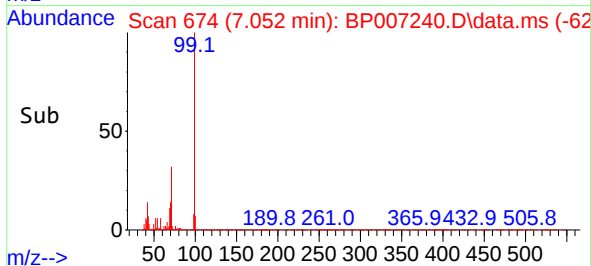
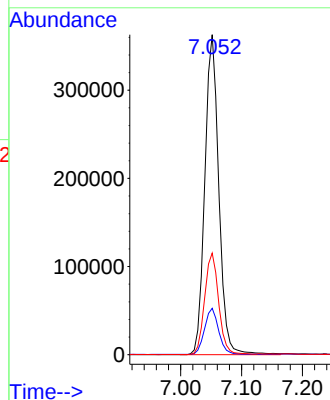
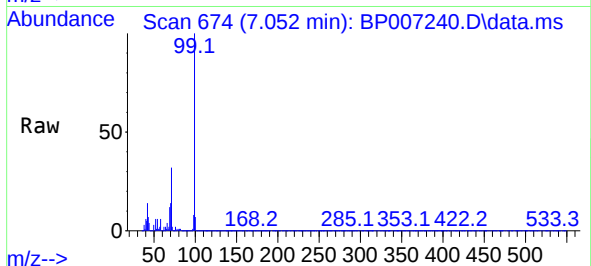




#7
Phenol-d6
Concen: 36.780 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP007240.D
Acq: 28 Sep 2021 20:27

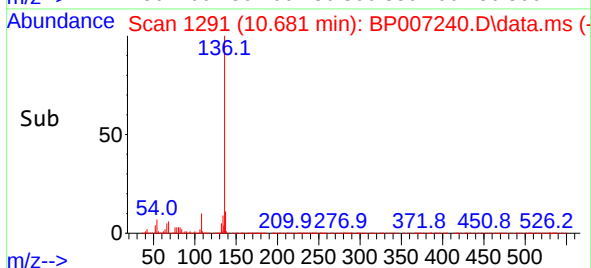
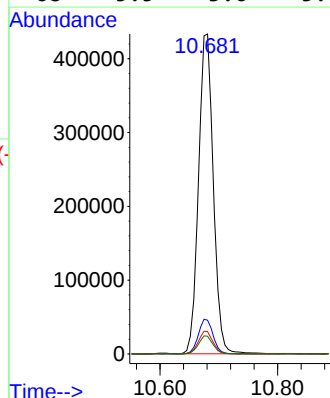
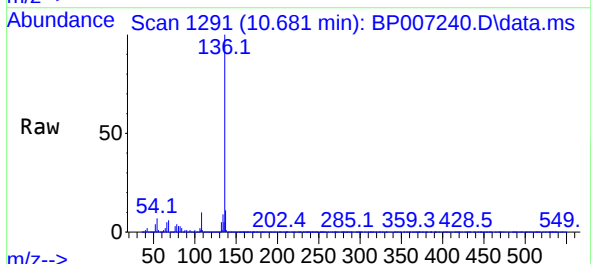
Instrument :
BNA_P
ClientSampleId :
RAMB-MW06-GW

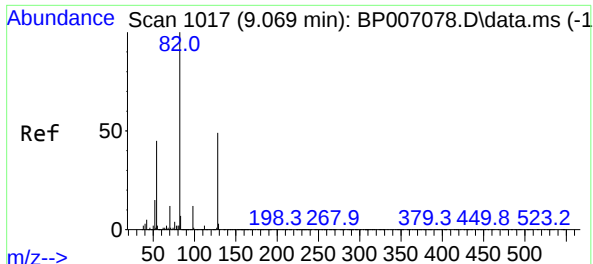
Tgt Ion: 99 Resp: 579165
Ion Ratio Lower Upper
99 100
42 14.5 13.4 20.0
71 31.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BP007240.D
Acq: 28 Sep 2021 20:27

Tgt Ion: 136 Resp: 756406
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.0 4.6 6.8#
68 5.5 3.6 5.4#

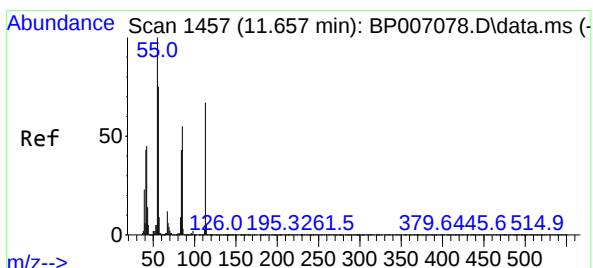
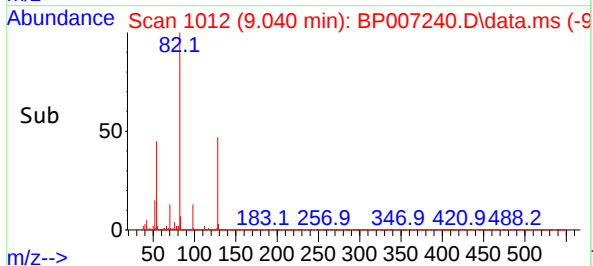
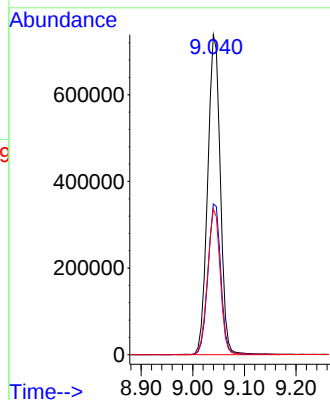
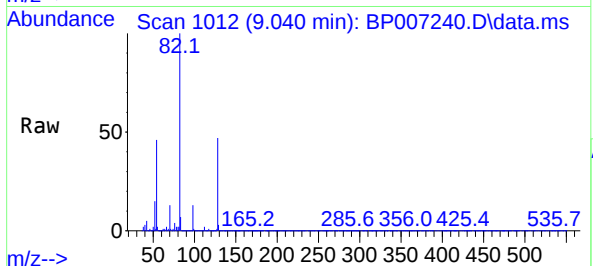




#23
Nitrobenzene-d5
Concen: 96.671 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.018 min
Lab File: BP007240.D
Acq: 28 Sep 2021 20:27

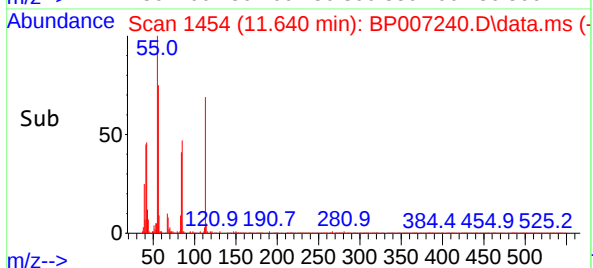
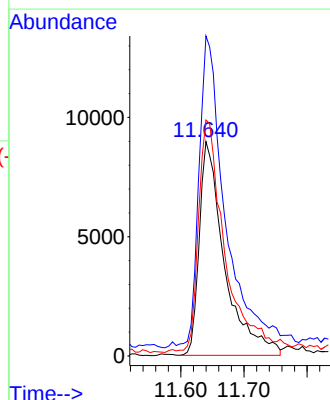
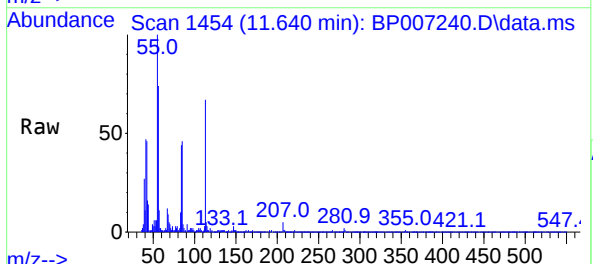
Instrument :
BNA_P
ClientSampleId :
RAMB-MW06-GW

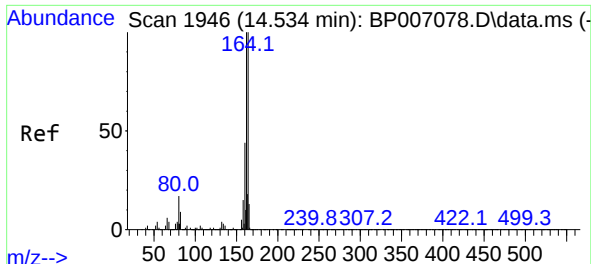
Tgt Ion: 82 Resp: 1255616
Ion Ratio Lower Upper
82 100
128 47.1 35.7 53.5
54 45.5 35.0 52.4



#35
Caprolactam
Concen: 6.828 ng
RT: 11.640 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BP007240.D
Acq: 28 Sep 2021 20:27

Tgt Ion: 113 Resp: 24912
Ion Ratio Lower Upper
113 100
55 149.3 98.9 138.9#
56 110.1 71.7 111.7

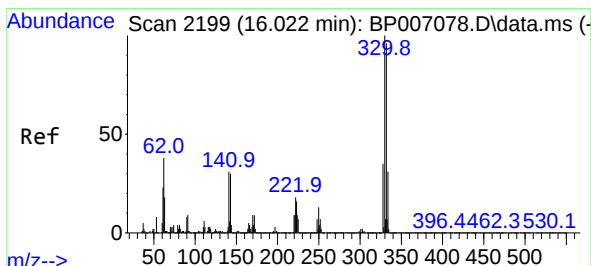
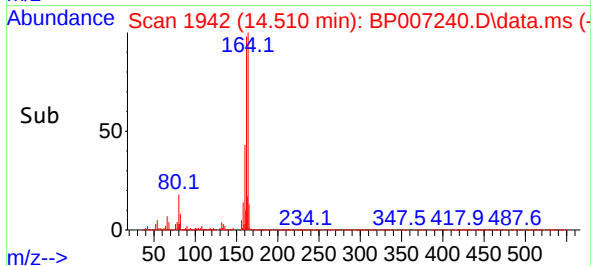
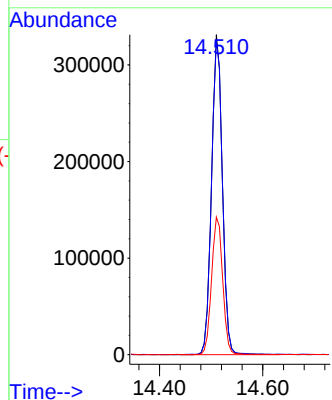
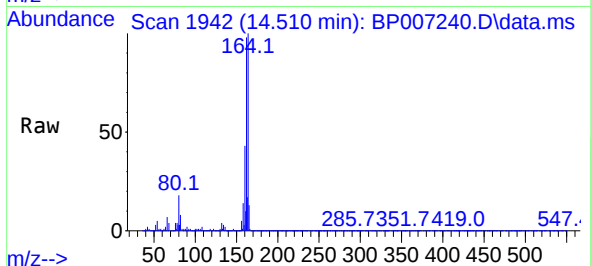




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BP007240.D
Acq: 28 Sep 2021 20:27

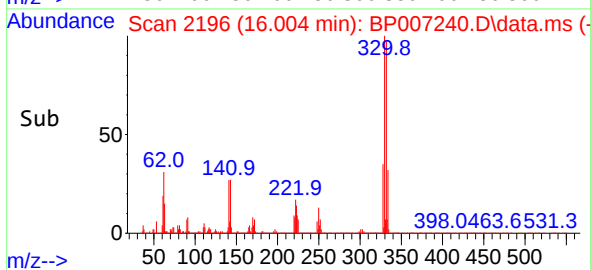
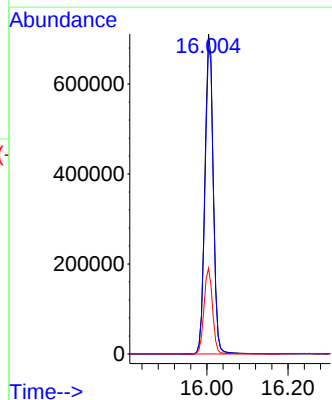
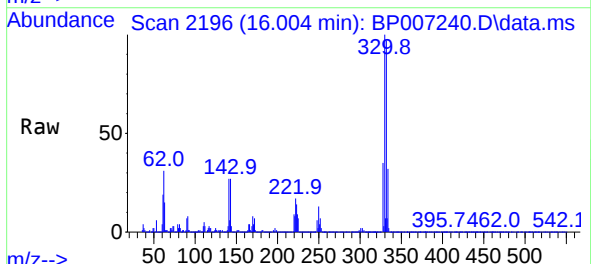
Instrument :
BNA_P
ClientSampleId :
RAMB-MW06-GW

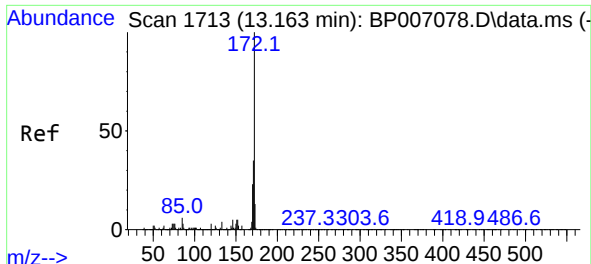
Tgt Ion:164 Resp: 479985
Ion Ratio Lower Upper
164 100
162 98.2 80.2 120.2
160 43.0 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 163.703 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BP007240.D
Acq: 28 Sep 2021 20:27

Tgt Ion:330 Resp: 1018687
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 27.0 25.4 38.2

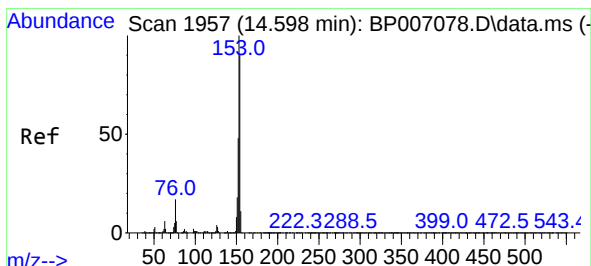
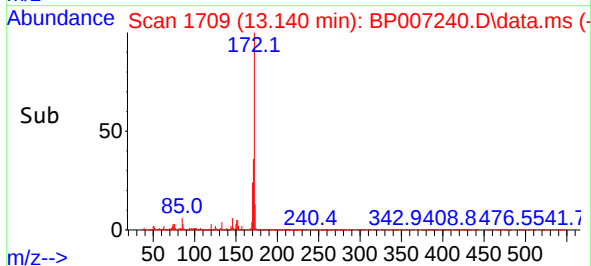
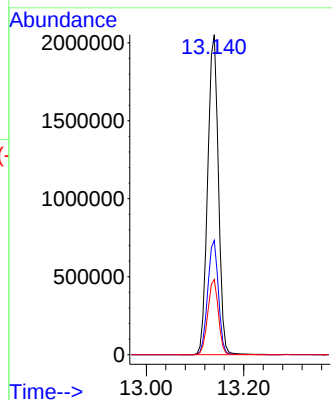
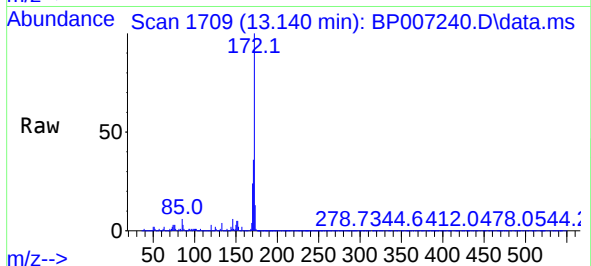




#45
2-Fluorobiphenyl
Concen: 93.085 ng
RT: 13.140 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BP007240.D
Acq: 28 Sep 2021 20:27

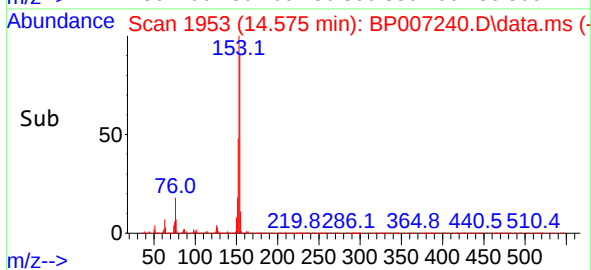
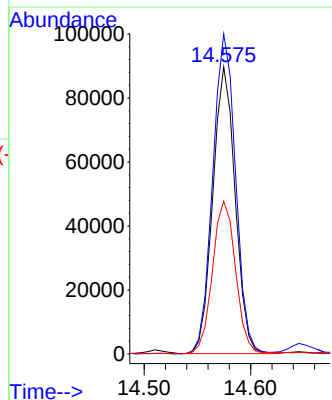
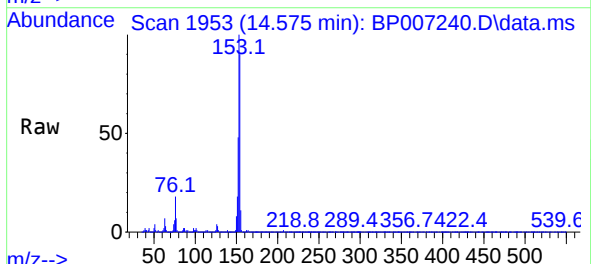
Instrument :
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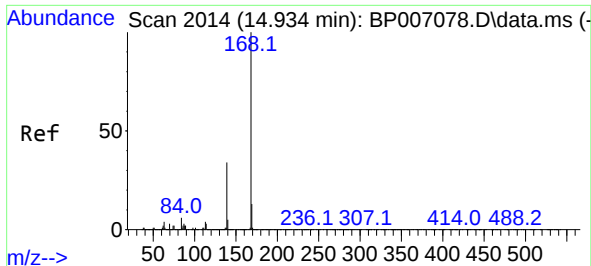
Tgt Ion:172 Resp: 3118701
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.5 18.6 27.8



#52
Acenaphthene
Concen: 5.071 ng
RT: 14.575 min Scan# 1953
Delta R.T. -0.012 min
Lab File: BP007240.D
Acq: 28 Sep 2021 20:27

Tgt Ion:154 Resp: 130883
Ion Ratio Lower Upper
154 100
153 111.5 89.4 134.2
152 53.2 43.0 64.4

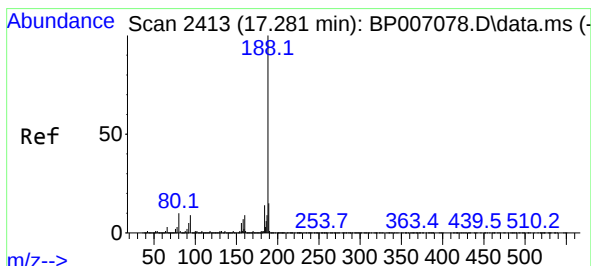
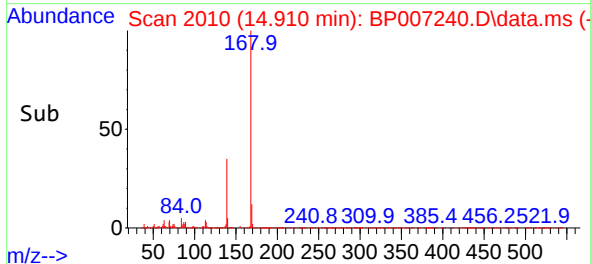
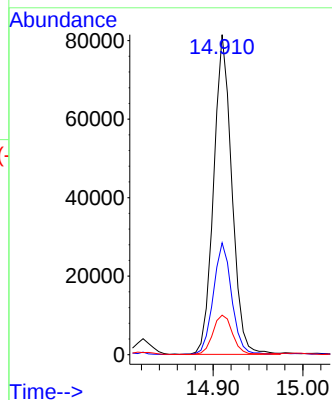
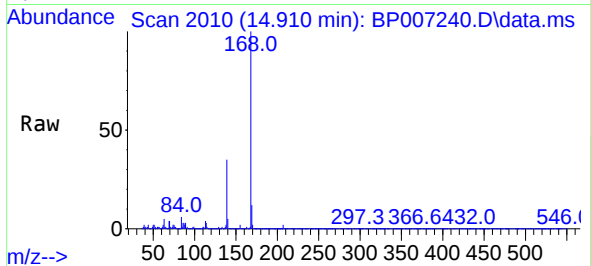




#55
Dibenzenofuran
Concen: 2.664 ng
RT: 14.910 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BP007240.D
Acq: 28 Sep 2021 20:27

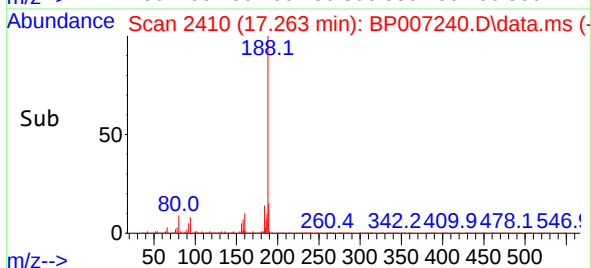
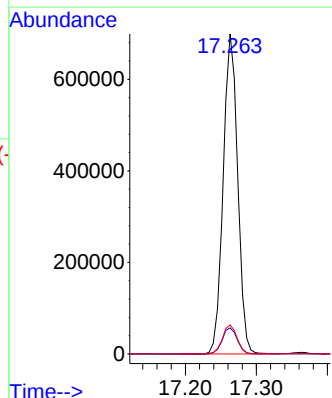
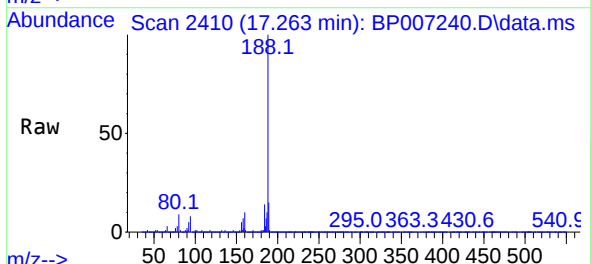
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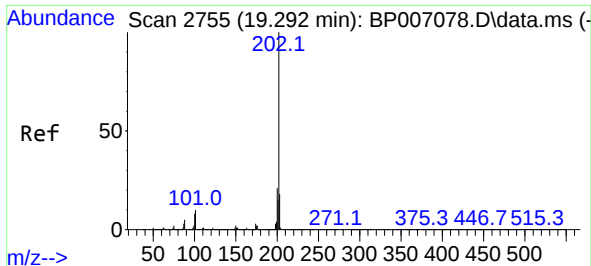
Tgt Ion:168 Resp: 114687
Ion Ratio Lower Upper
168 100
139 35.0 31.0 46.6
169 12.3 10.8 16.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP007240.D
Acq: 28 Sep 2021 20:27

Tgt Ion:188 Resp: 985373
Ion Ratio Lower Upper
188 100
94 8.1 5.6 8.4
80 9.1 6.3 9.5

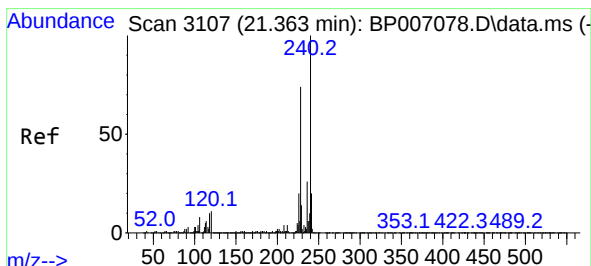
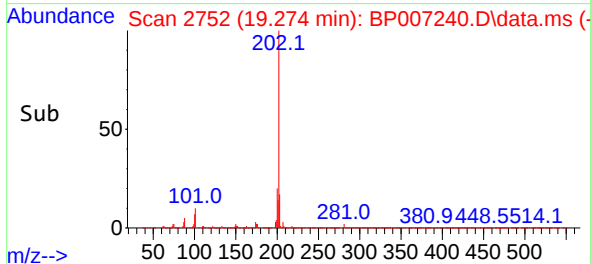
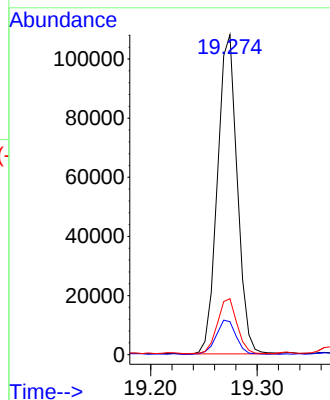
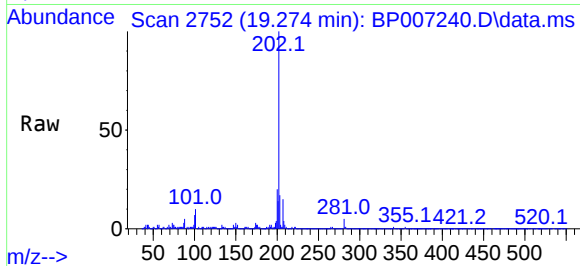




#75
Fluoranthene
Concen: 2.286 ng
RT: 19.274 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BP007240.D
Acq: 28 Sep 2021 20:27

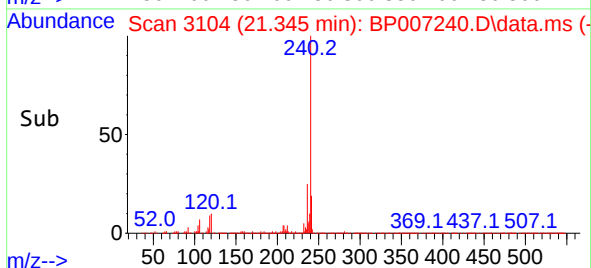
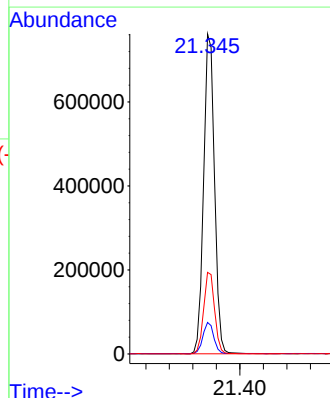
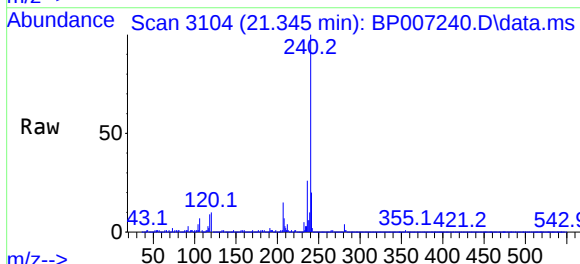
Instrument :
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RAMB-MW06-GW

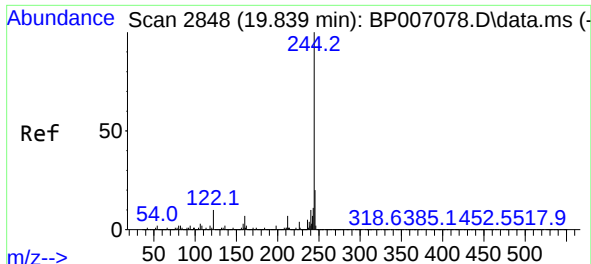
Tgt Ion:202	Resp: 139130
Ion Ratio	Lower Upper
202 100	
101 10.3	0.0 27.6
203 17.5	0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BP007240.D
Acq: 28 Sep 2021 20:27

Tgt Ion:240	Resp: 977871
Ion Ratio	Lower Upper
240 100	
120 9.8	6.5 9.7#
236 25.5	20.6 31.0

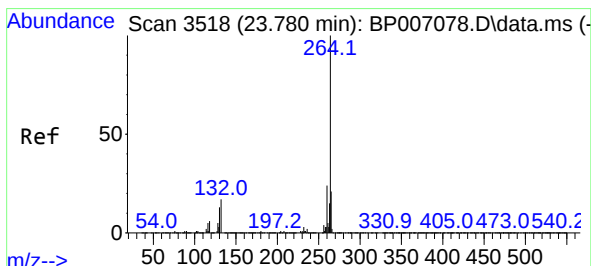
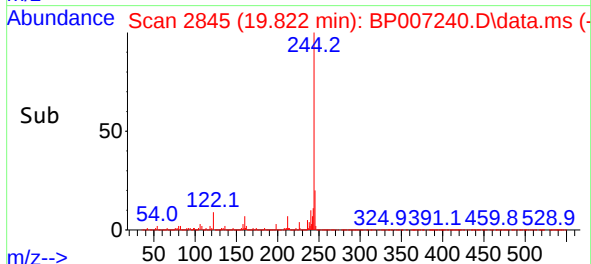
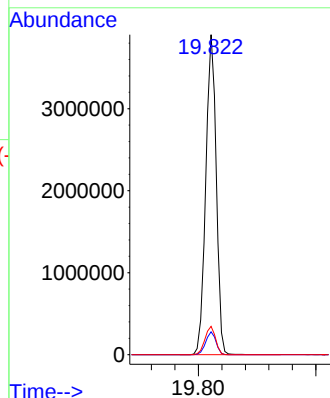
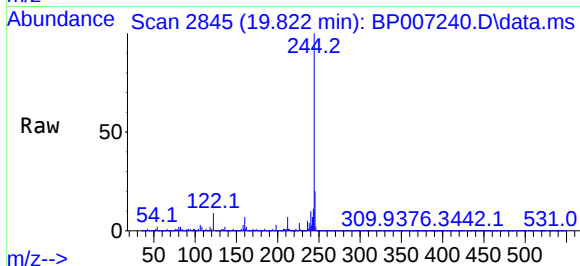




#79
Terphenyl-d14
Concen: 94.151 ng
RT: 19.822 min Scan# 2845
Delta R.T. -0.012 min
Lab File: BP007240.D
Acq: 28 Sep 2021 20:27

Instrument :
BNA_P
ClientSampleId :
RAMB-MW06-GW

Tgt Ion:244 Resp: 4804558
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 8.8 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.012 min
Lab File: BP007240.D
Acq: 28 Sep 2021 20:27

Tgt Ion:264 Resp: 1033939
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.8 17.6 26.4

