

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
 Data File : BP007163.D
 Acq On : 24 Sep 2021 17:41
 Operator : CG/JU
 Sample : M3875-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20882

Manual Integrations
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Quant Time: Sep 24 18:10:23 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	7.887	152	251640	20.000	ng	0.00
21) Naphthalene-d8	10.687	136	987967	20.000	ng	# 0.00
39) Acenaphthene-d10	14.522	164	521488	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	1198778	20.000	ng	# 0.00
76) Chrysene-d12	21.351	240	1141689	20.000	ng	# 0.00
86) Perylene-d12	23.768	264	203452	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1920806	127.775	ng	0.00
7) Phenol-d6	7.063	99	1979149	96.327	ng	0.00
23) Nitrobenzene-d5	9.051	82	1480681	87.280	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	1032152	152.666	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	3417211	93.877	ng	0.00
79) Terphenyl-d14	19.827	244	4602939	77.258	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.364	88	390537m	64.242	ng	
10) Phenol	7.093	94	1420705	71.721	ng	90
20) 3+4-Methylphenols	8.657	107	853853	46.243	ng	85
32) Benzoic acid	10.046	122	340538	33.365	ng	93
84) Bis(2-ethylhexyl)phtha...	21.263	149	211300	4.899	ng	99
88) Benzo(b)fluoranthene	23.027	252	45357	3.730	ng	# 16

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

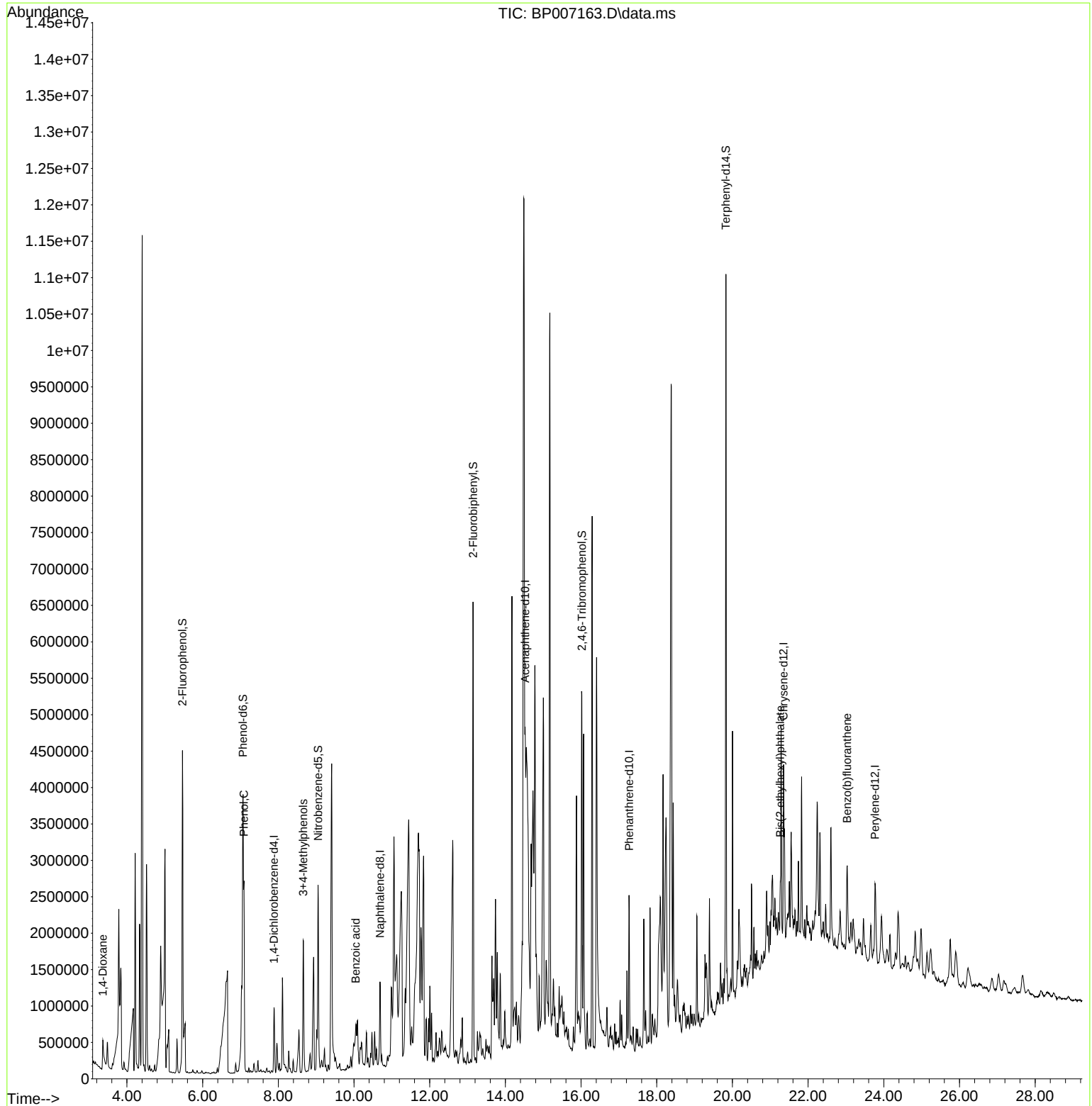
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Data File : BP007163.D
Acq On : 24 Sep 2021 17:41
Operator : CG/JU
Sample : M3875-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

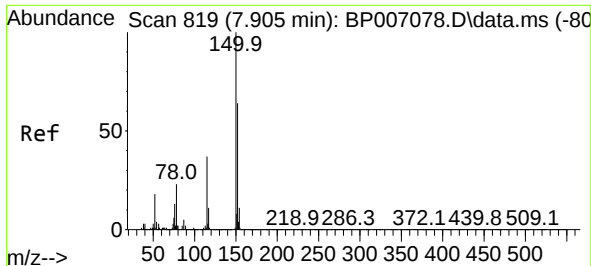
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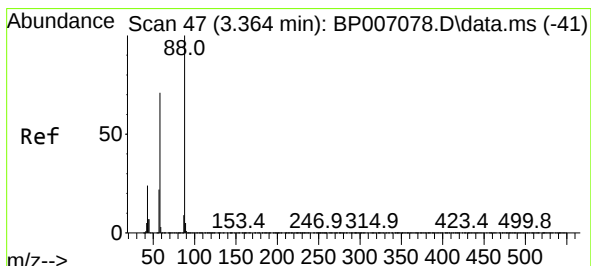
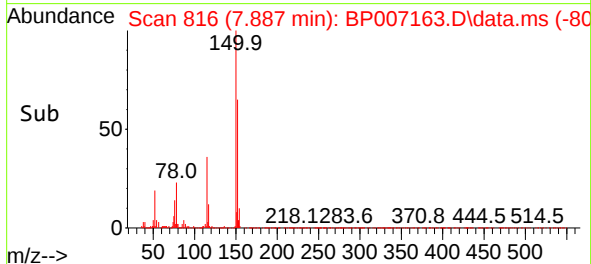
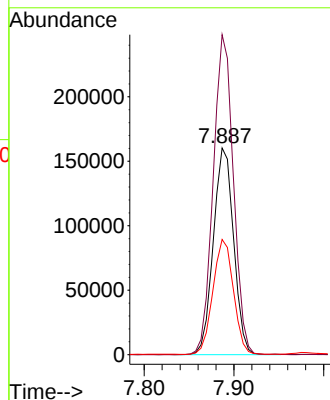
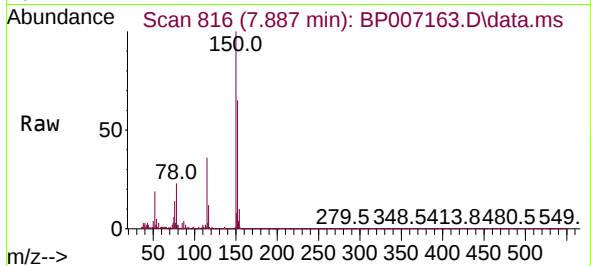
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

Tgt Ion: 152 Resp: 251640
Ion Ratio Lower Upper
152 100
150 154.7 125.6 188.4
115 55.7 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
20882

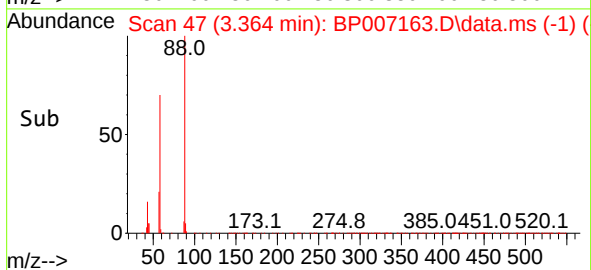
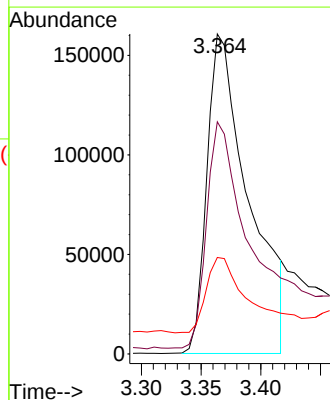
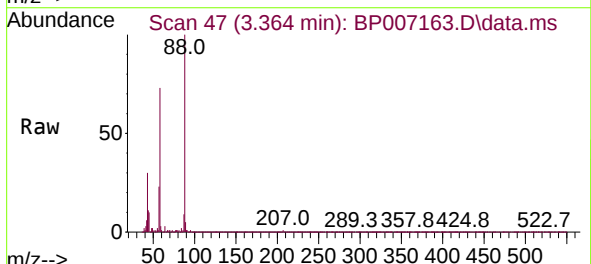
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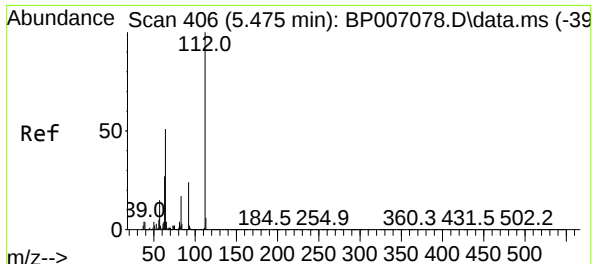
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#2
1,4-Dioxane
Concen: 64.242 ng m
RT: 3.364 min Scan# 47
Delta R.T. 0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

Tgt Ion: 88 Resp: 390537
Ion Ratio Lower Upper
88 100
58 89.1 46.7 70.1#
43 25.4 20.3 30.5





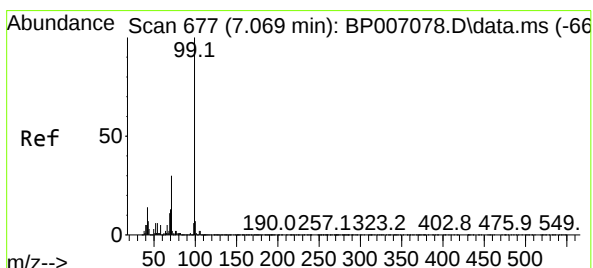
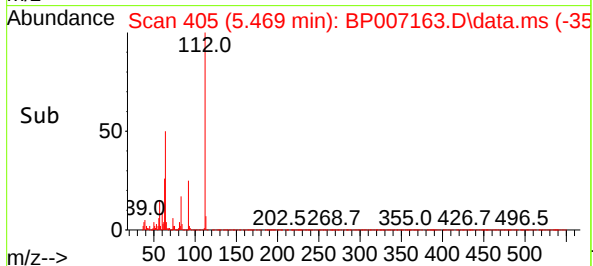
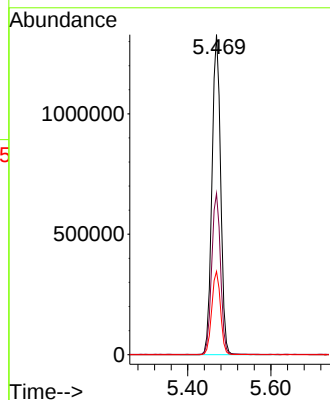
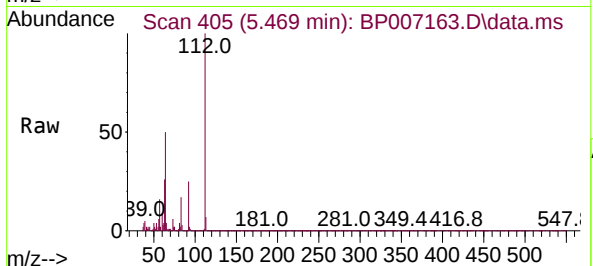
#5
2-Fluorophenol
Concen: 127.775 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 1920806
Ion Ratio Lower Upper
112 100
64 50.3 41.4 62.2
63 26.0 23.8 35.8

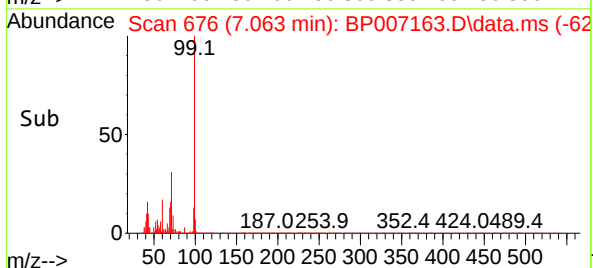
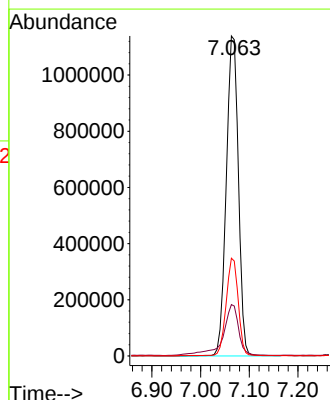
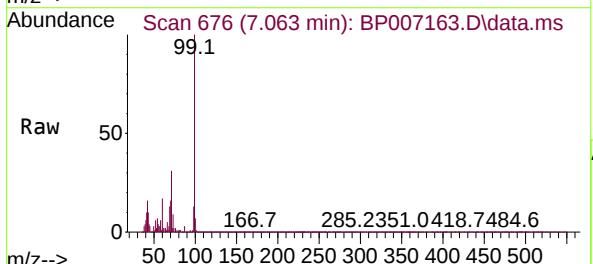
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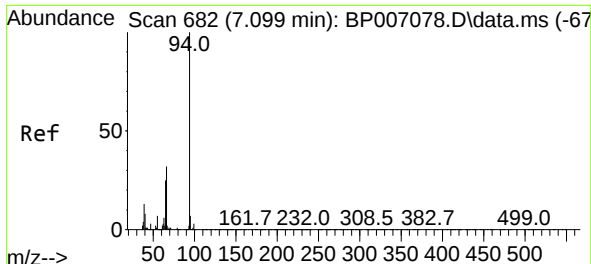
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#7
Phenol-d6
Concen: 96.327 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

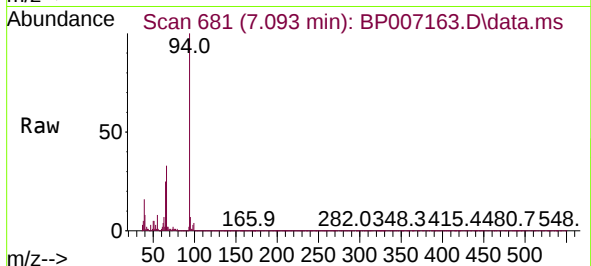
Tgt Ion: 99 Resp: 1979149
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.0
71 30.6 30.6 46.0#





#10
Phenol
Concen: 71.721 ng
RT: 7.093 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

Instrument :
BNA_P
ClientSampleId :
20882

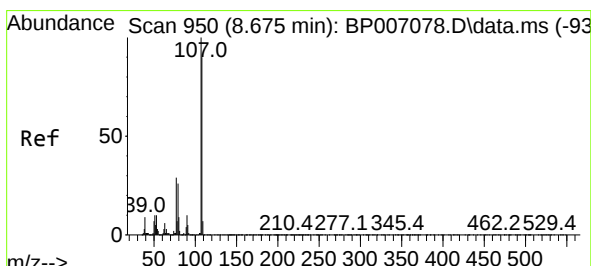
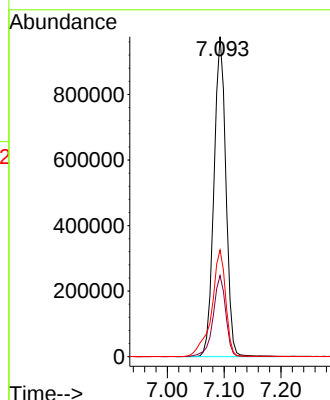
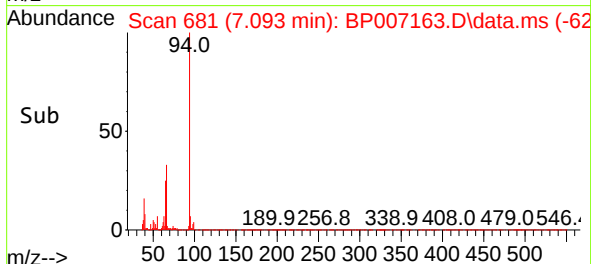


Tgt Ion: 94 Resp: 1420705

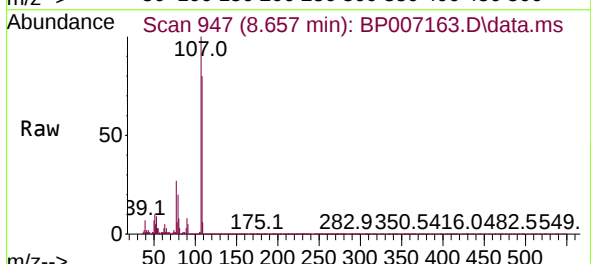
Ion	Ratio	Lower	Upper
94	100		
65	25.4	8.8	48.8
66	33.3	20.7	60.7

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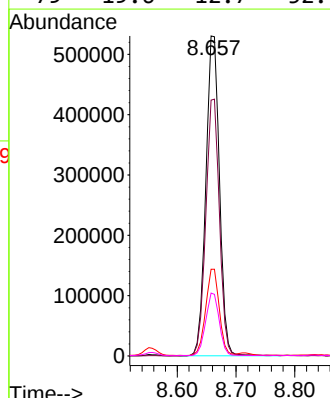
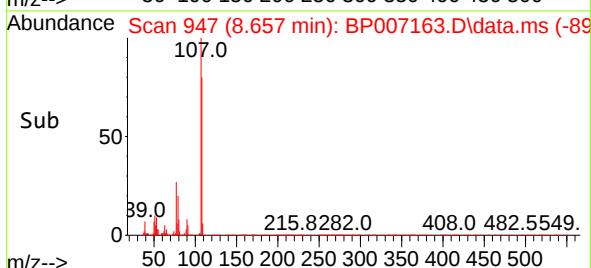


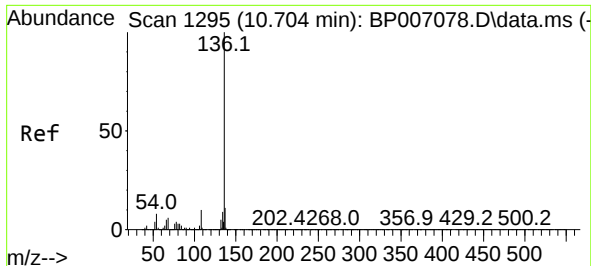
#20
3+4-Methylphenols
Concen: 46.243 ng
RT: 8.657 min Scan# 947
Delta R.T. -0.012 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41



Tgt Ion: 107 Resp: 853853

Ion	Ratio	Lower	Upper
107	100		
108	79.9	71.0	111.0
77	27.1	16.6	56.6
79	19.6	12.7	52.7





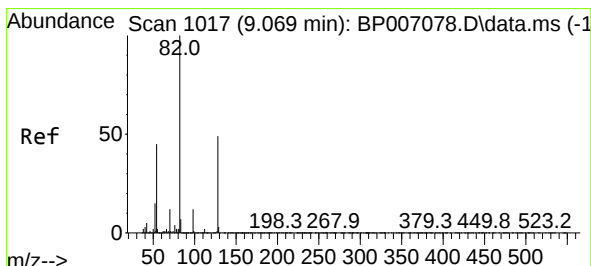
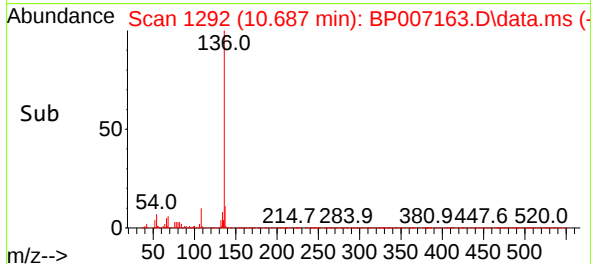
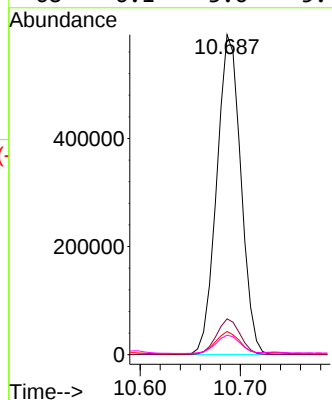
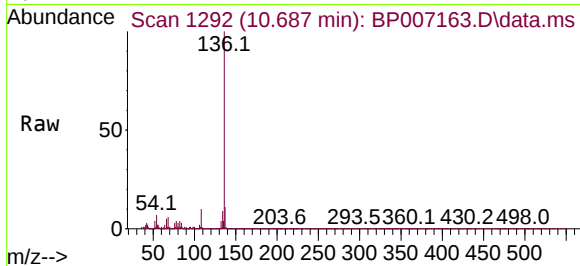
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP007163.D
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Tgt Ion:	136	Resp:	987967
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	12.8
54	7.2	4.6	6.8#
68	6.1	3.6	5.4#

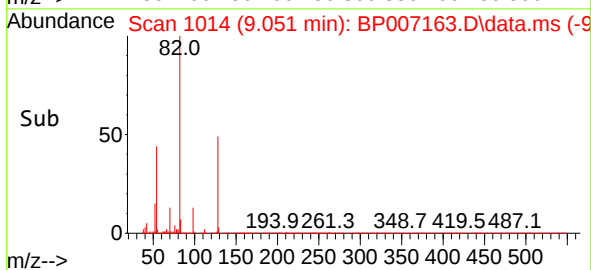
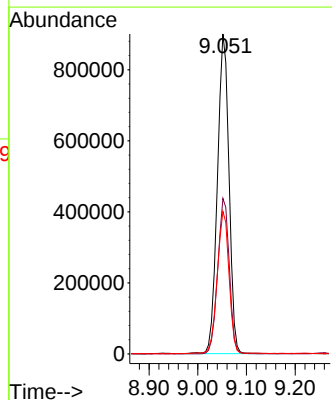
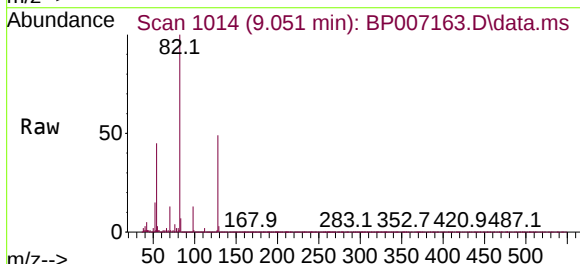
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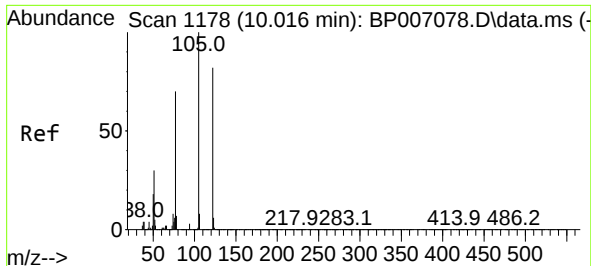
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#23
Nitrobenzene-d5
Concen: 87.280 ng
RT: 9.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

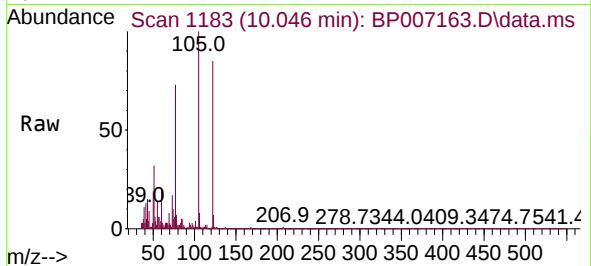
Tgt Ion:	82	Resp:	1480681
Ion Ratio	Lower	Upper	
82	100		
128	48.6	35.7	53.5
54	44.5	35.0	52.4





#32
Benzoic acid
Concen: 33.365 ng
RT: 10.046 min Scan# 1183
Delta R.T. 0.041 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

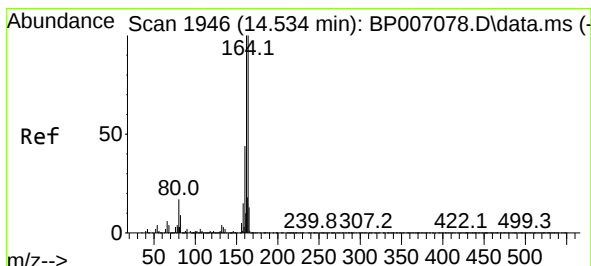
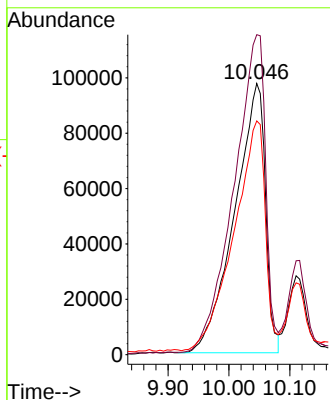
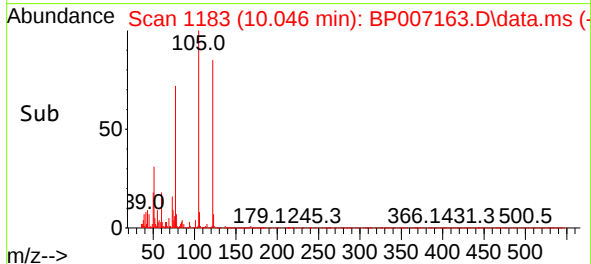
Instrument :
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20882



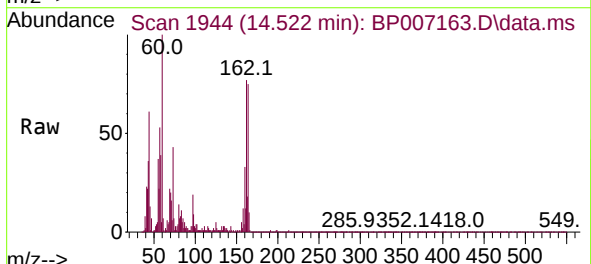
Tgt Ion:122 Resp: 340538
Ion Ratio Lower Upper
122 100
105 118.0 103.2 143.2
77 86.2 76.2 116.2

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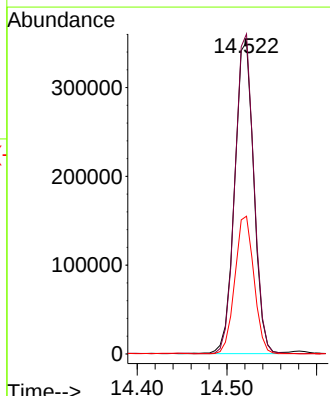
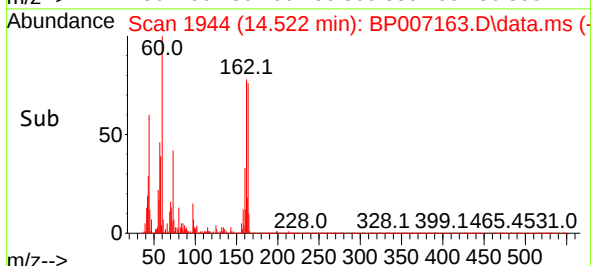
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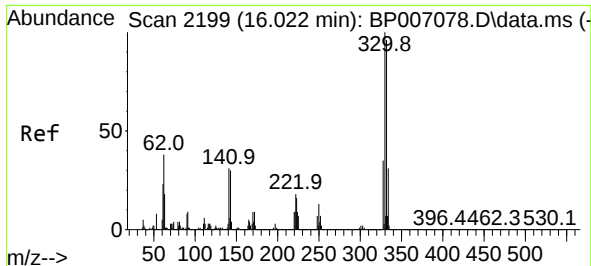


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41



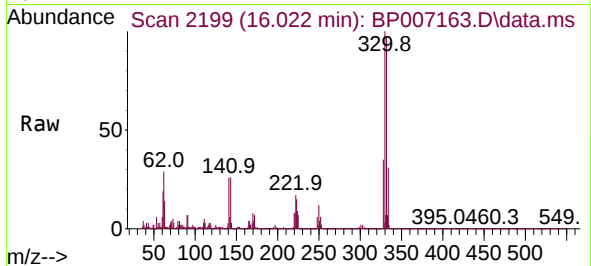
Tgt Ion:164 Resp: 521488
Ion Ratio Lower Upper
164 100
162 102.5 80.2 120.2
160 44.2 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 152.666 ng
RT: 16.022 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

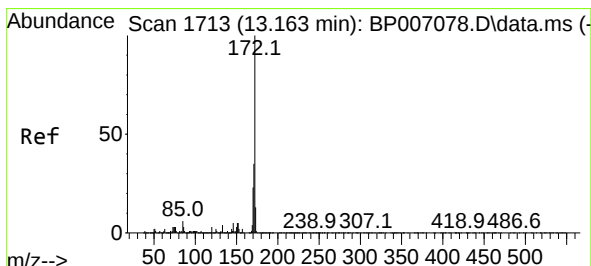
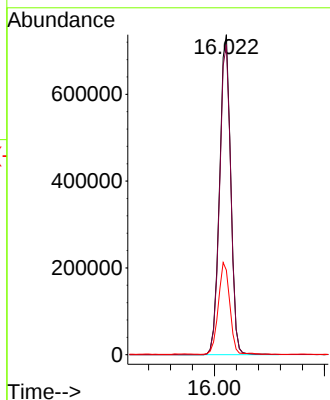
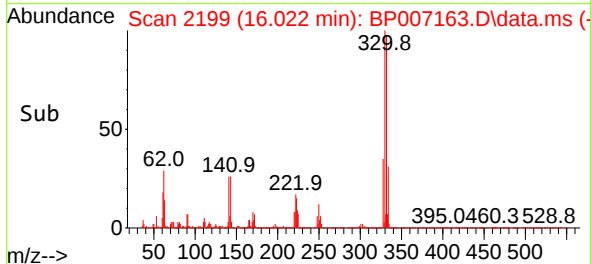
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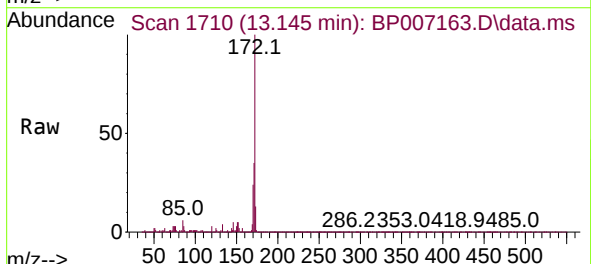
Tgt Ion:330 Resp: 1032152
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 29.3 25.4 38.2

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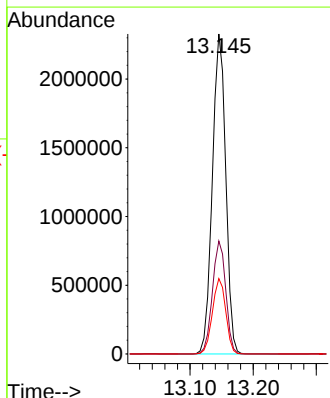
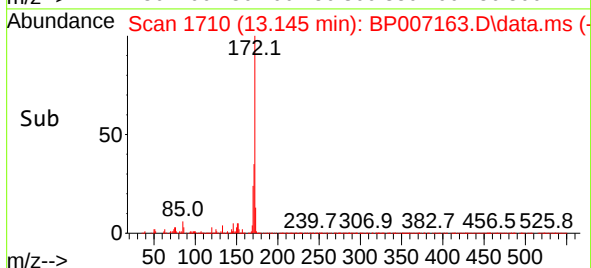
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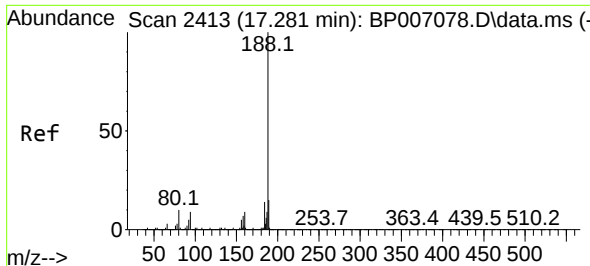


#45
2-Fluorobiphenyl
Concen: 93.877 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41



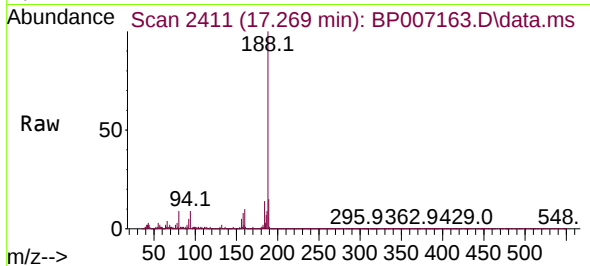
Tgt Ion:172 Resp: 3417211
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.5 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

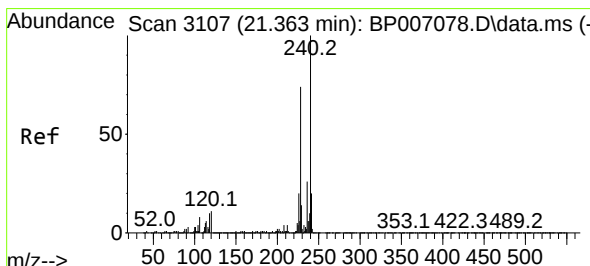
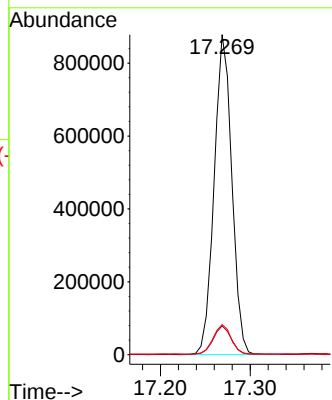
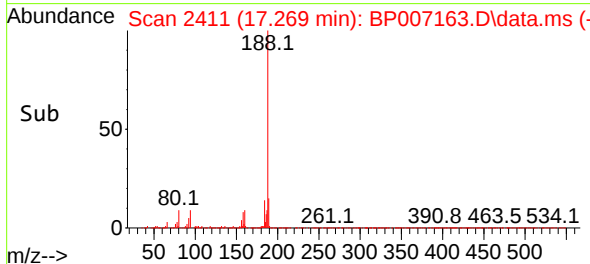
Instrument :
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20882



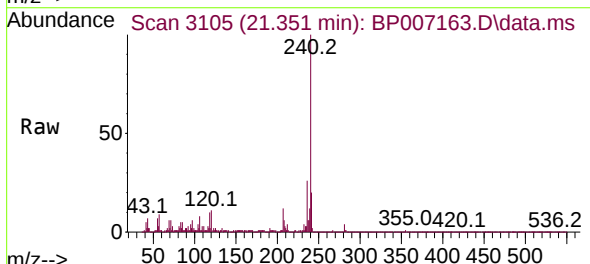
Tgt Ion:188 Resp: 1198778
Ion Ratio Lower Upper
188 100
94 9.0 5.6 8.4#
80 9.4 6.3 9.5

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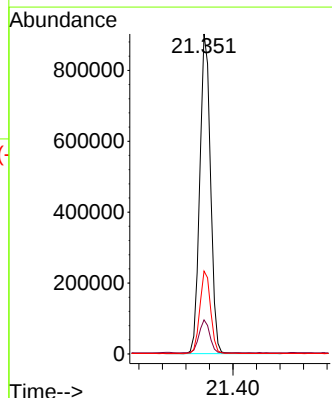
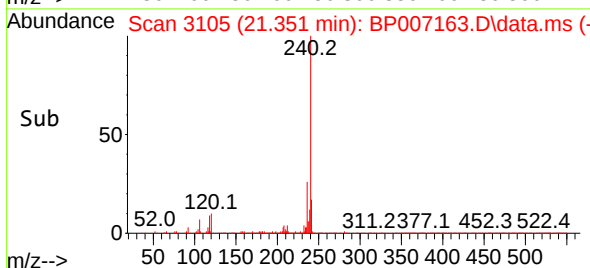
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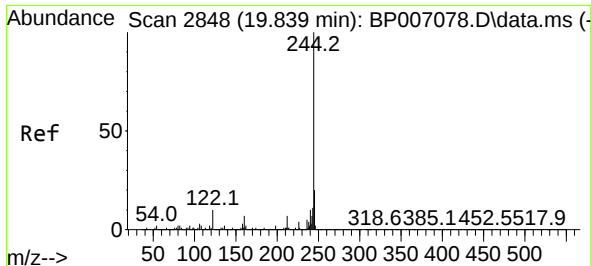


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41



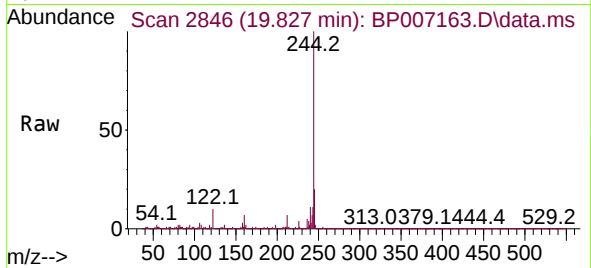
Tgt Ion:240 Resp: 1141689
Ion Ratio Lower Upper
240 100
120 10.7 6.5 9.7#
236 25.9 20.6 31.0





#79
Terphenyl-d14
Concen: 77.258 ng
RT: 19.827 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

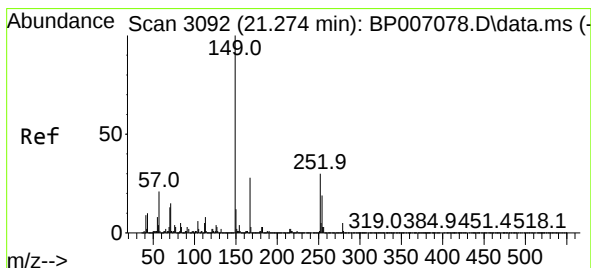
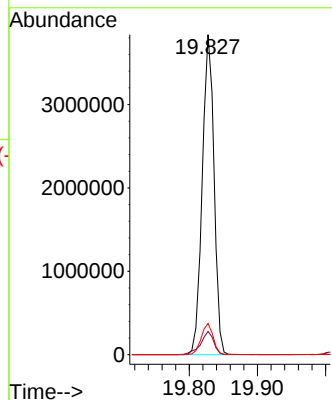
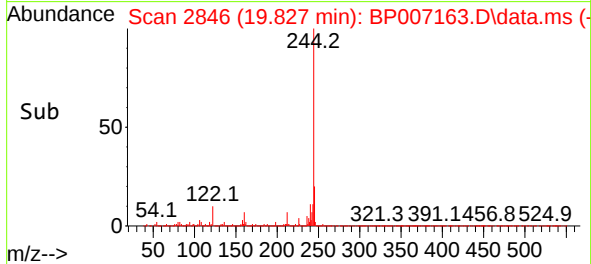
Instrument :
BNA_P
ClientSampled :
20882



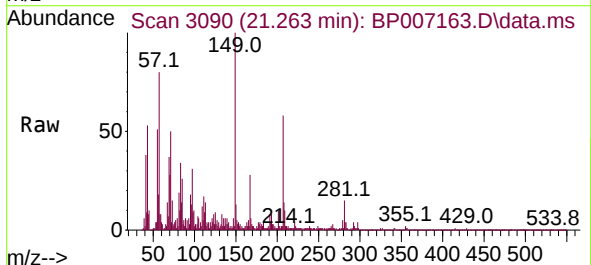
Tgt Ion:244 Resp: 4602939
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.7 7.1 10.7

Manual Integrations
APPROVED

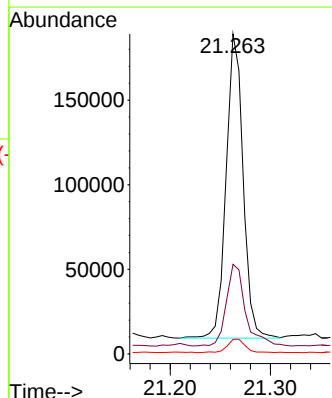
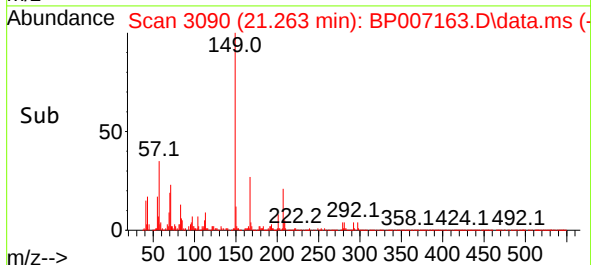
mohammad
9/27/2021 3:04:18 PM

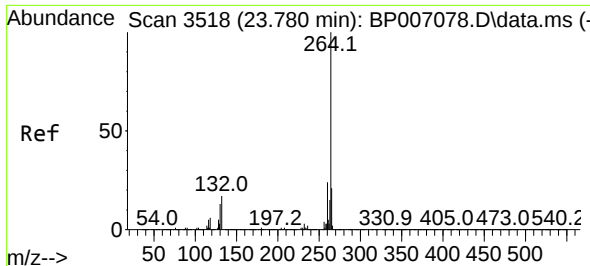


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.899 ng
RT: 21.263 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41



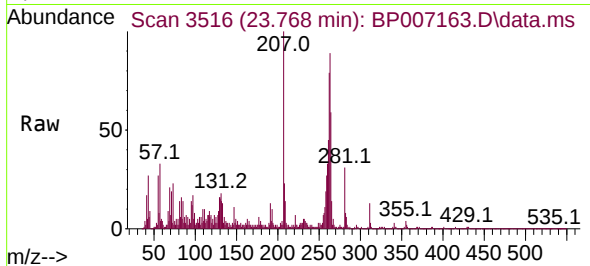
Tgt Ion:149 Resp: 211300
Ion Ratio Lower Upper
149 100
167 28.0 21.9 32.9
279 4.6 4.3 6.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 3516
Delta R.T. -0.000 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

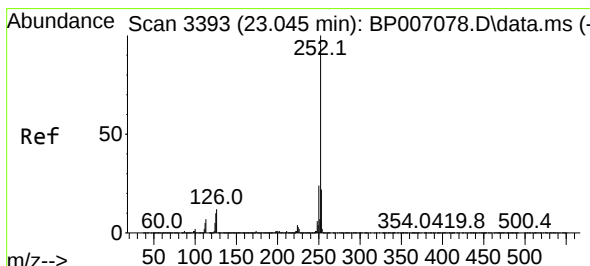
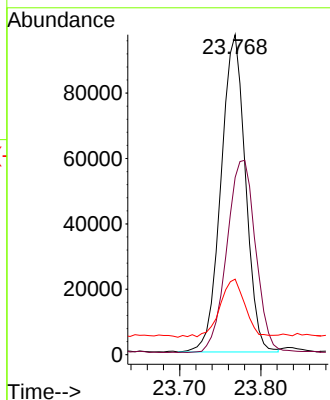
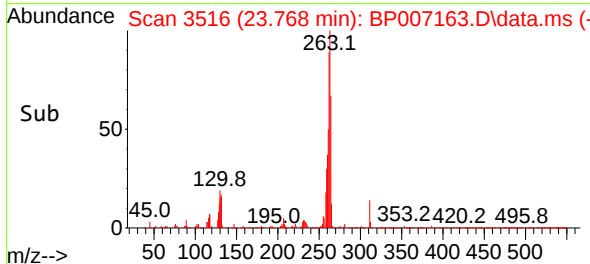
Instrument :
BNA_P
ClientSampled :
20882



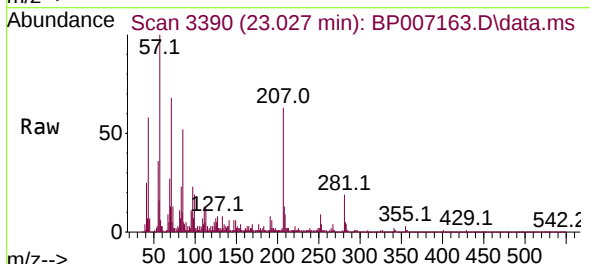
Tgt Ion:264 Resp: 203452
Ion Ratio Lower Upper
264 100
260 55.4 18.6 28.0#
265 23.6 17.6 26.4

Manual Integrations
APPROVED

mohammad
9/27/2021 3:04:18 PM



#88
Benzo(b)fluoranthene
Concen: 3.730 ng
RT: 23.027 min Scan# 3390
Delta R.T. -0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41



Tgt Ion:252 Resp: 45357
Ion Ratio Lower Upper
252 100
253 40.0 17.5 26.3#
125 82.7 6.2 9.4#

