

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
 Data File : BP004050.D
 Acq On : 21 Nov 2020 22:04
 Operator : CG/JU
 Sample : L4857-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 304EM-STOCKPILE

Manual Integrations
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mohammad
 11/24/2020 9:01:57 AM

Quant Time: Nov 23 05:02:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 03:48:44 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	104957	20.00	ng	-0.03
21) Naphthalene-d8	11.093	136	396172	20.00	ng	#-0.04
39) Acenaphthene-d10	14.887	164	242334	20.00	ng	-0.02
64) Phenanthrene-d10	17.616	188	498433	20.00	ng	#-0.02
76) Chrysene-d12	21.651	240	455912	20.00	ng	0.00
86) Perylene-d12	24.121	264	496570	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	527490	83.88	ng	0.00
7) Phenol-d6	7.452	99	677139	75.01	ng	0.00
23) Nitrobenzene-d5	9.428	82	420305	51.96	ng	-0.03
42) 2,4,6-Tribromophenol	16.375	330	220684	72.81	ng	-0.01
45) 2-Fluorobiphenyl	13.510	172	868156	50.08	ng	-0.02
79) Terphenyl-d14	20.116	244	1002909	42.50	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.481	94	36515	4.19	ng	71
49) Acenaphthylene	14.610	152	68766	3.03	ng	97
50) Dimethylphthalate	14.310	163	71186	3.76	ng	99
71) Phenanthrene	17.657	178	118690	4.24	ng	98
75) Fluoranthene	19.598	202	356743	11.05	ng	99
78) Pyrene	19.945	202	335594	10.85	ng	98
81) Benzo(a)anthracene	21.633	228	181968	6.05	ng	95
83) Chrysene	21.692	228	211407	7.32	ng	98
87) Indeno(1,2,3-cd)pyrene	26.668	276	157328	4.39	ng	# 93
88) Benzo(b)fluoranthene	23.374	252	305707m	9.41	ng	
89) Benzo(k)fluoranthene	23.410	252	92432m	2.88	ng	
90) Benzo(a)pyrene	24.010	252	206343	6.86	ng	96
92) Benzo(g,h,i)perylene	27.457	276	162107	5.61	ng	98

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

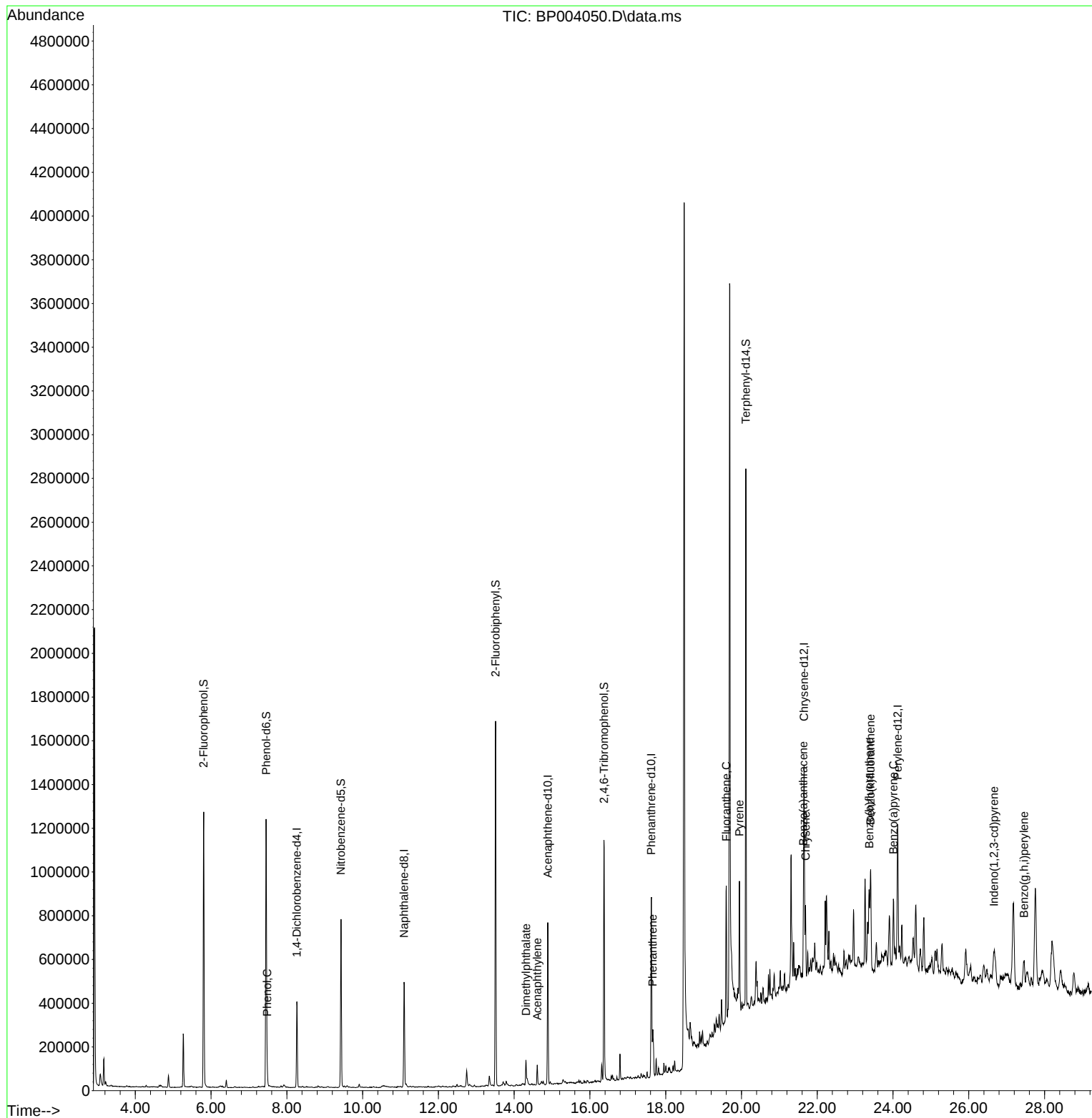
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Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

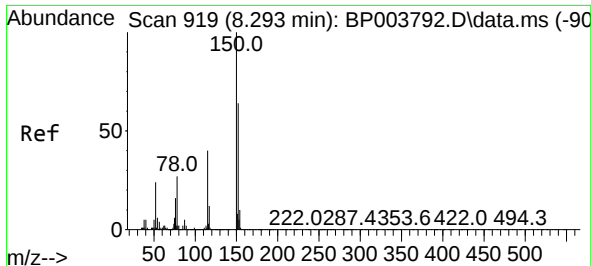
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 03:48:44 2020
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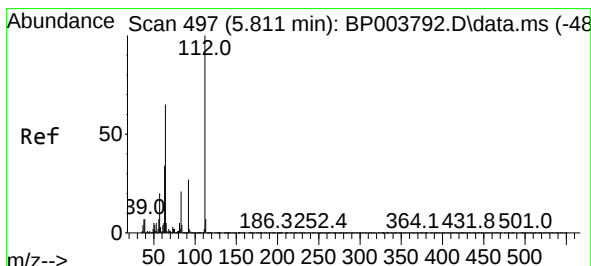
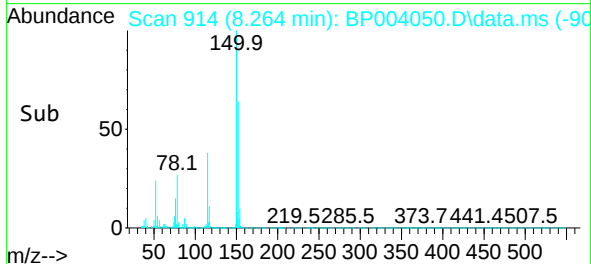
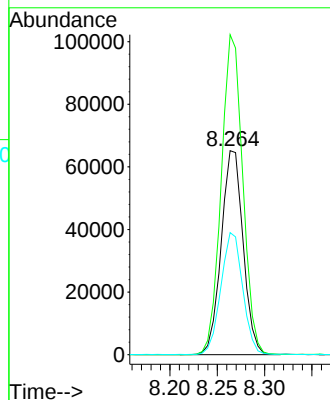
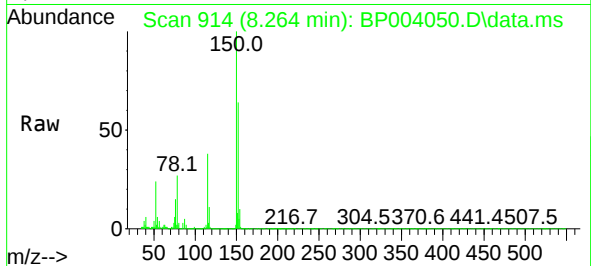
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.264 min Scan# 914
Delta R.T. -0.029 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion:152 Resp: 104957
Ion Ratio Lower Upper
152 100
150 156.8 123.8 185.6
115 59.8 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
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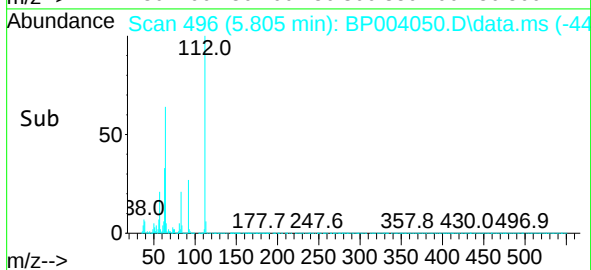
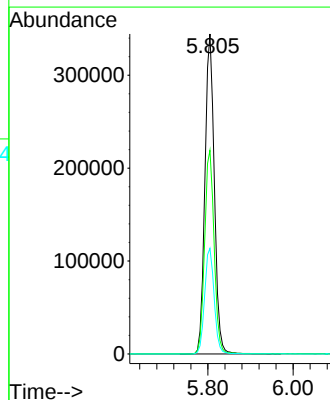
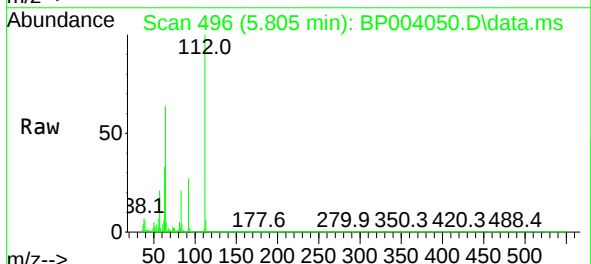
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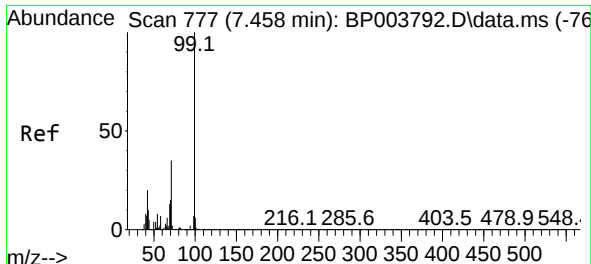
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#5
2-Fluorophenol
Concen: 83.88 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.006 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

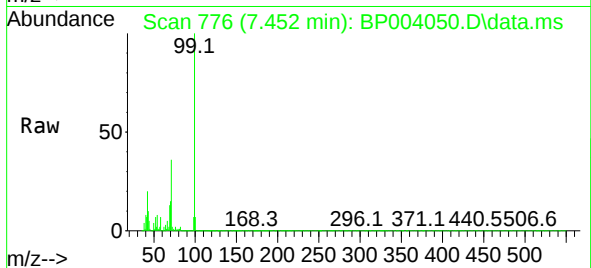
Tgt Ion:112 Resp: 527490
Ion Ratio Lower Upper
112 100
64 63.7 32.8 49.2#
63 33.0 17.0 25.4#





#7
Phenol-d6
Concen: 75.01 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

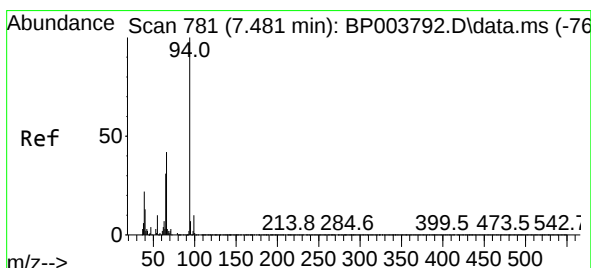
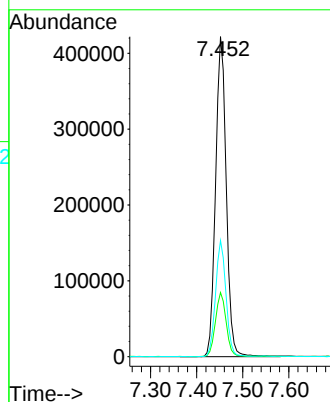
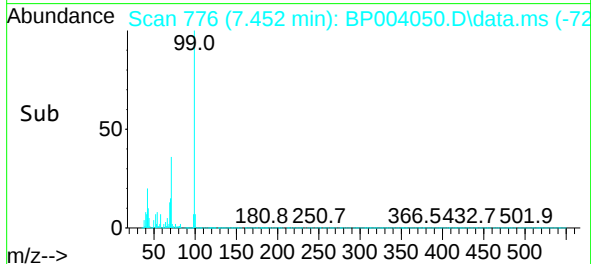
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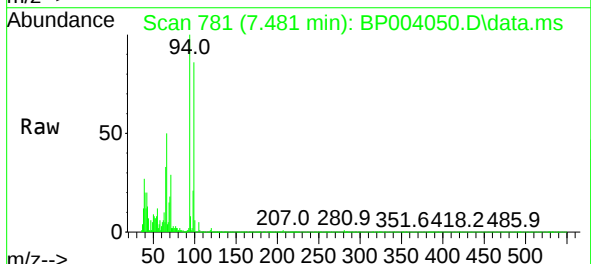
Tgt Ion: 99 Resp: 677139
Ion Ratio Lower Upper
99 100
42 20.1 8.6 13.0#
71 36.3 23.4 35.2#

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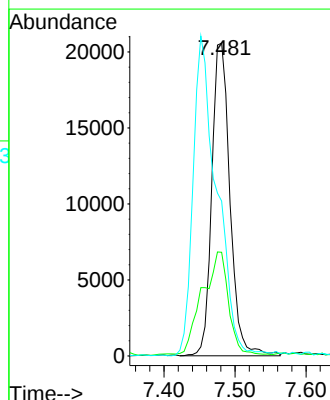
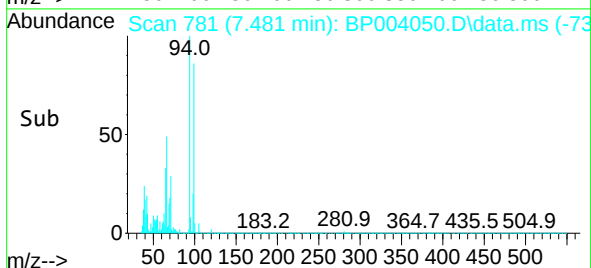
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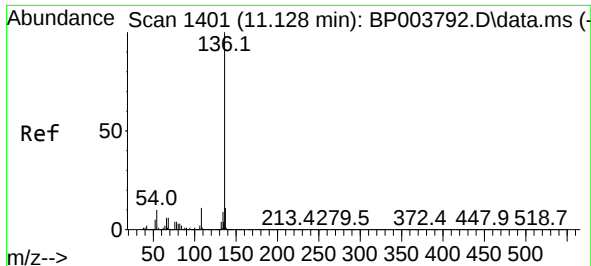


#10
Phenol
Concen: 4.19 ng
RT: 7.481 min Scan# 781
Delta R.T. -0.000 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04



Tgt Ion: 94 Resp: 36515
Ion Ratio Lower Upper
94 100
65 33.1 2.3 42.3
66 49.5 10.9 50.9





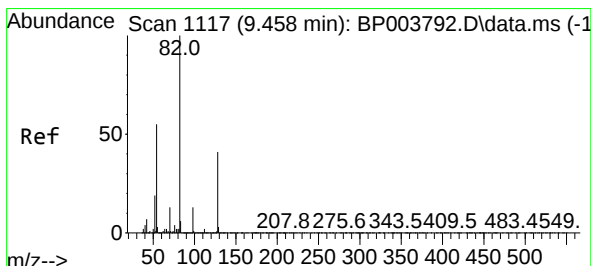
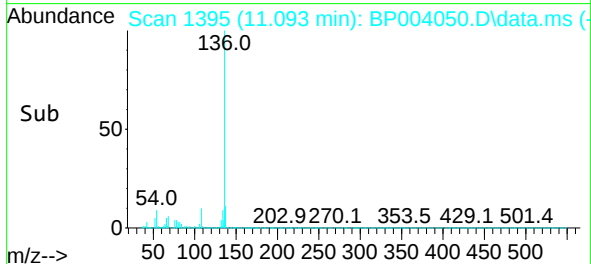
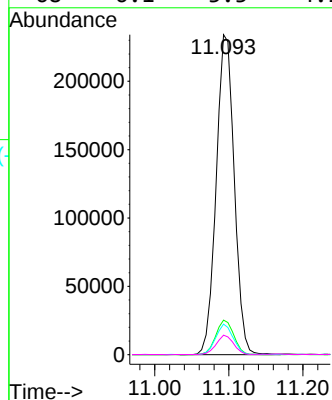
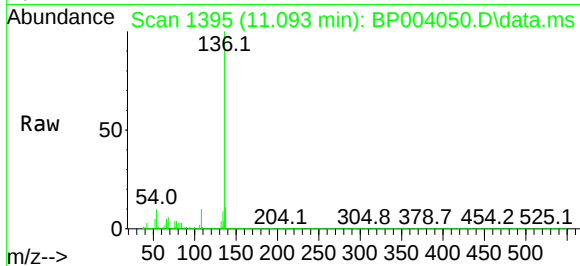
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.093 min Scan# 1395
Delta R.T. -0.035 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion:	136	Resp:	396172
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	9.5	3.6	5.4#
68	6.1	3.3	4.9#

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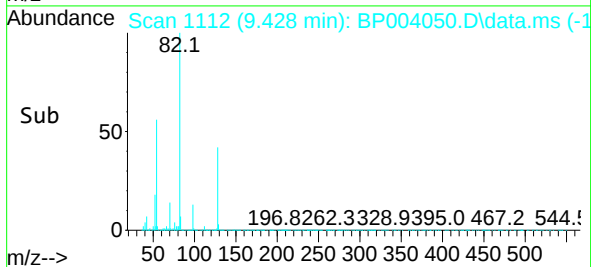
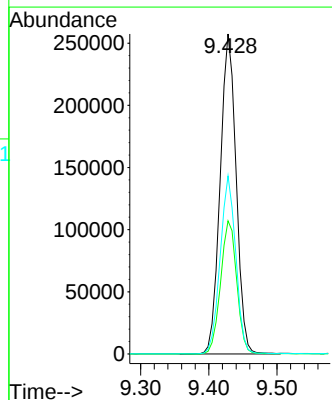
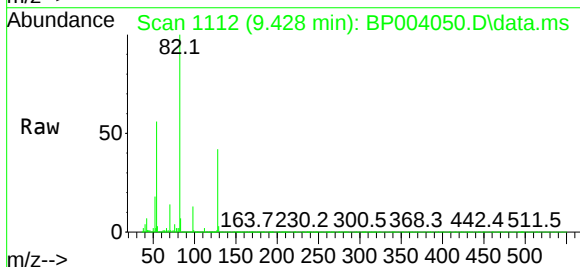
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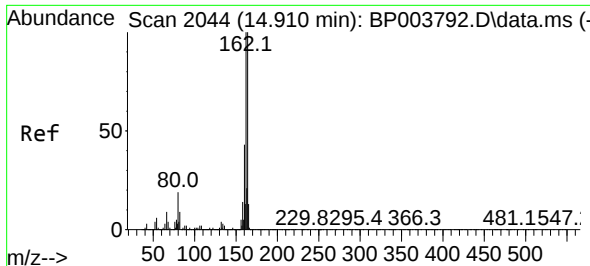
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#23
Nitrobenzene-d5
Concen: 51.96 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.029 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

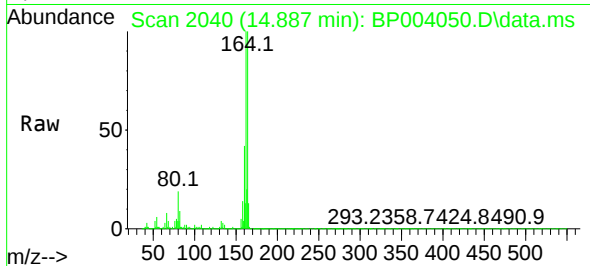
Tgt Ion:	82	Resp:	420305
Ion Ratio	Lower	Upper	
82	100		
128	41.6	45.6	68.4#
54	55.6	30.1	45.1#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.024 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

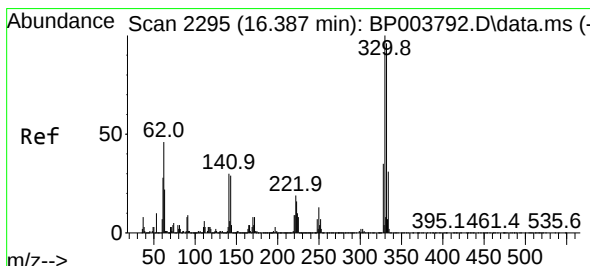
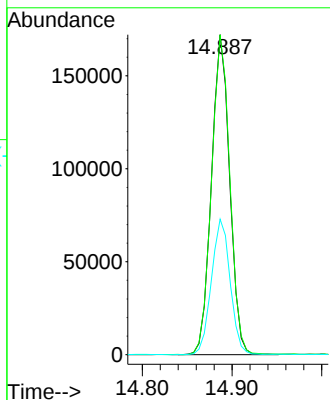
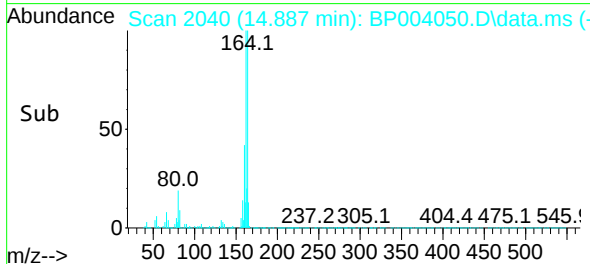
Instrument :
BNA_P
ClientSampleId :
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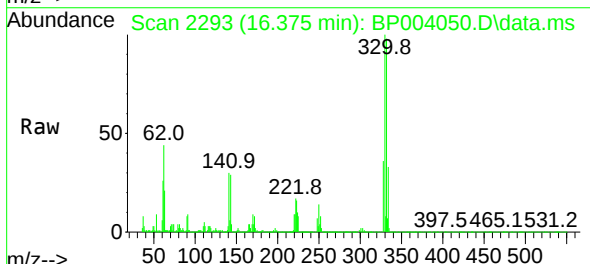
Tgt Ion:164 Resp: 242334
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.2
160 42.3 36.1 54.1

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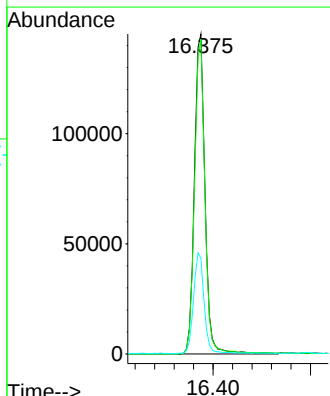
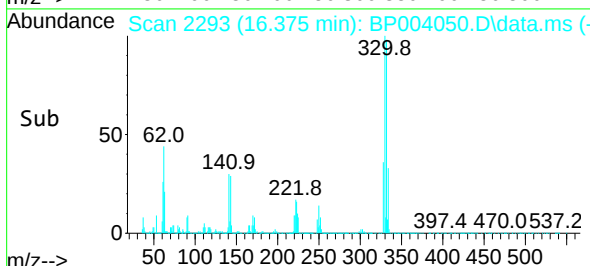
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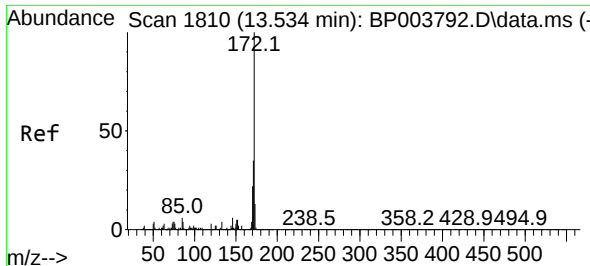


#42
2,4,6-Tribromophenol
Concen: 72.81 ng
RT: 16.375 min Scan# 2293
Delta R.T. -0.012 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04



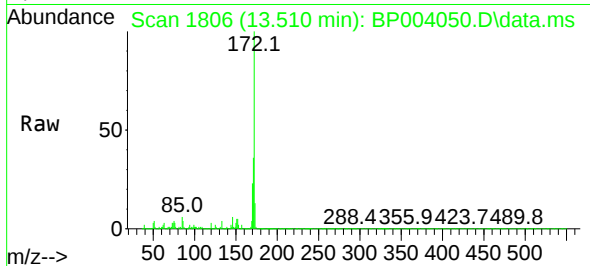
Tgt Ion:330 Resp: 220684
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 31.5 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 50.08 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.024 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

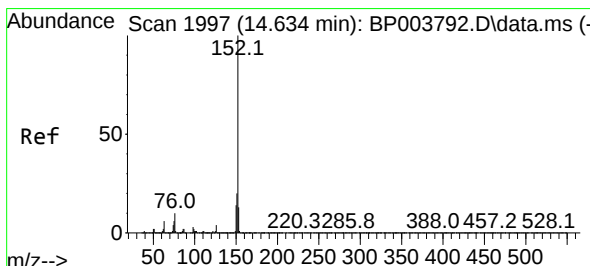
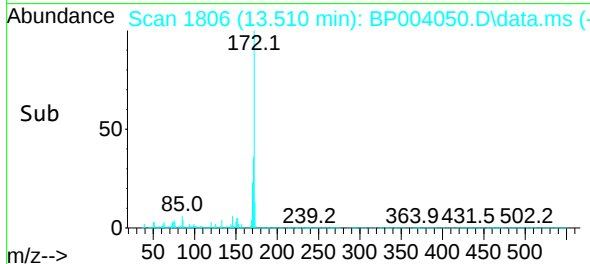
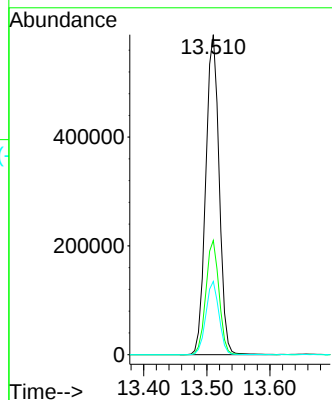
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Tgt Ion:172 Resp: 868156
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 22.9 19.2 28.8

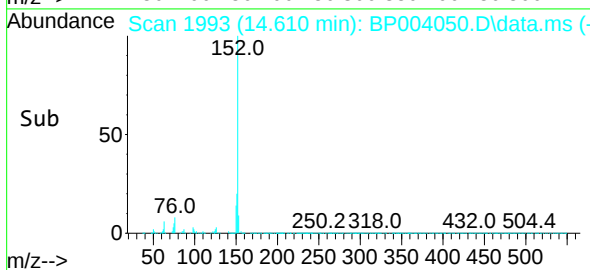
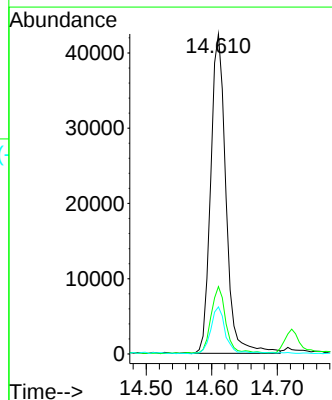
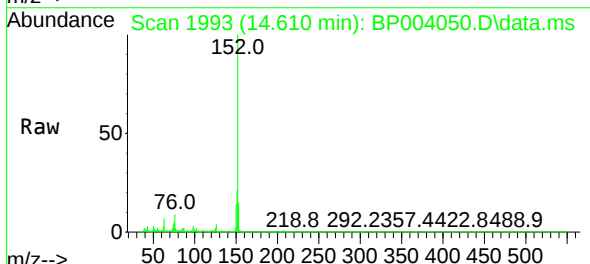
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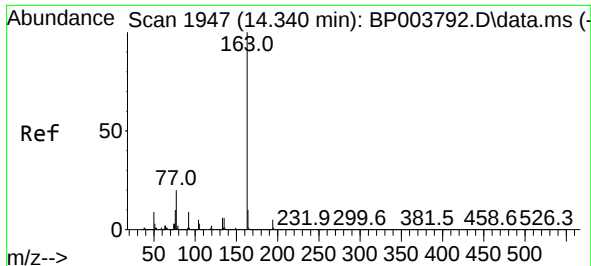
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#49
Acenaphthylene
Concen: 3.03 ng
RT: 14.610 min Scan# 1993
Delta R.T. -0.024 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion:152 Resp: 68766
Ion Ratio Lower Upper
152 100
151 21.1 15.9 23.9
153 14.7 10.5 15.7





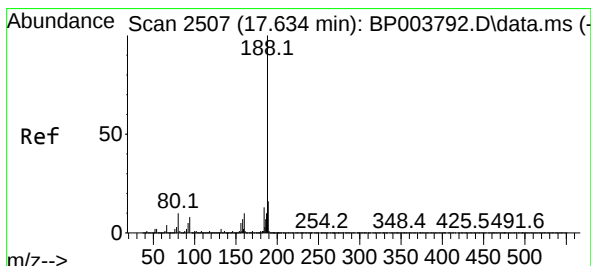
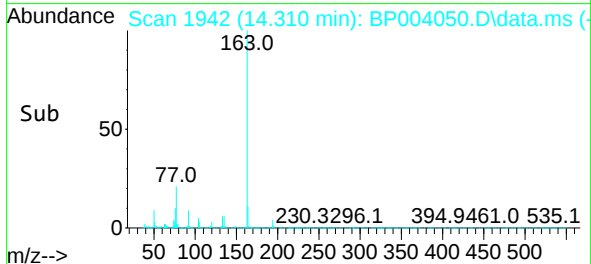
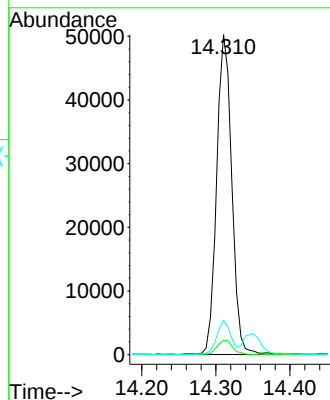
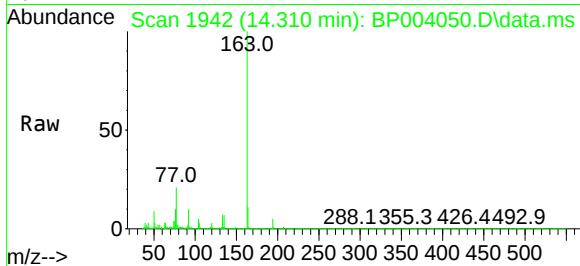
#50
Dimethylphthalate
Concen: 3.76 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.029 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion:163 Resp: 71186
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.8 8.2 12.2

Instrument :
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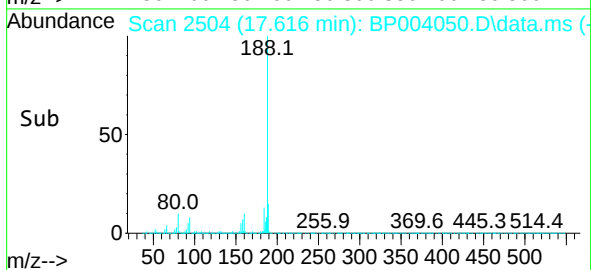
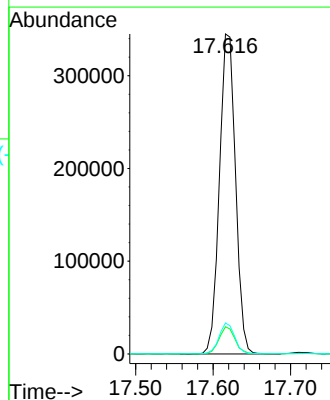
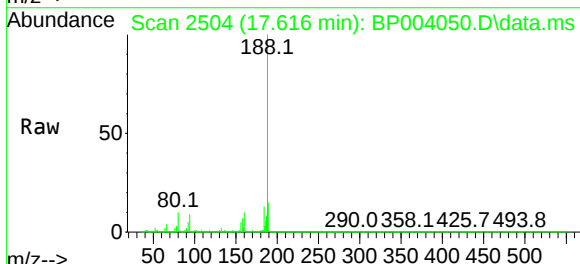
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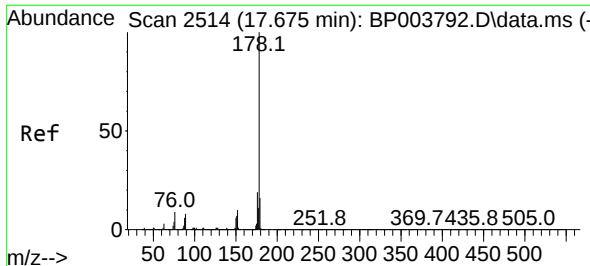
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.616 min Scan# 2504
Delta R.T. -0.018 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

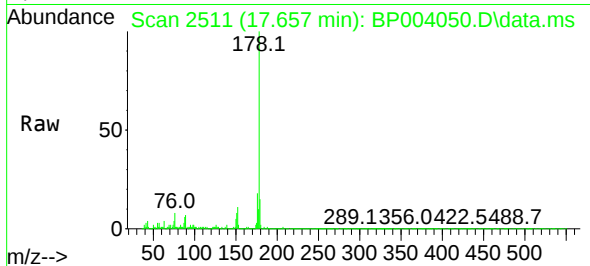
Tgt Ion:188 Resp: 498433
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.2
80 9.7 6.2 9.2#





#71
Phenanthrene
Concen: 4.24 ng
RT: 17.657 min Scan# 2511
Delta R.T. -0.018 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

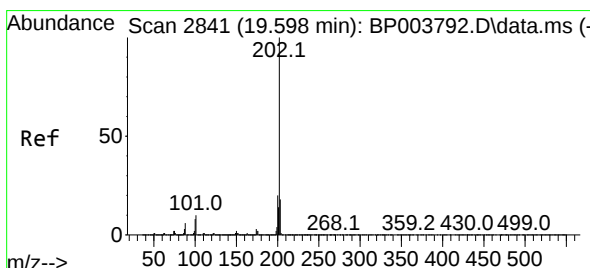
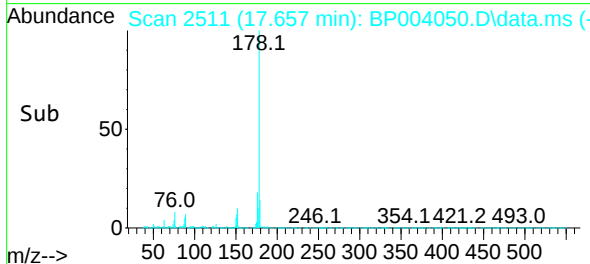
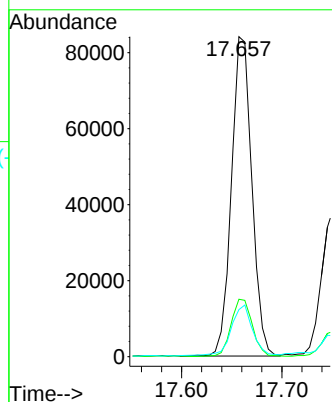
Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 118690
Ion Ratio Lower Upper
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176 18.0 15.3 22.9
179 14.7 12.5 18.7

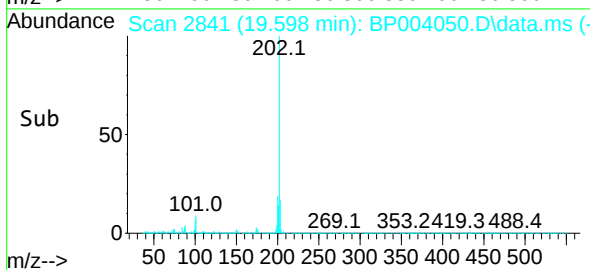
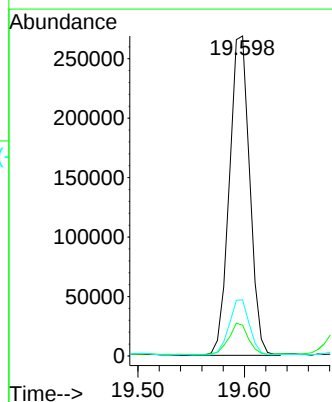
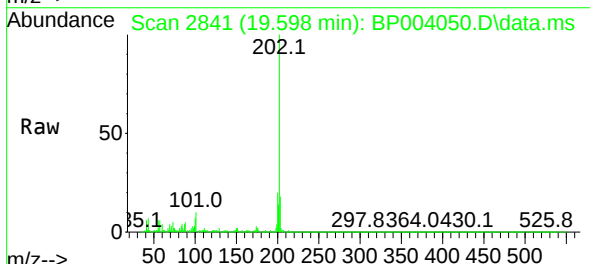
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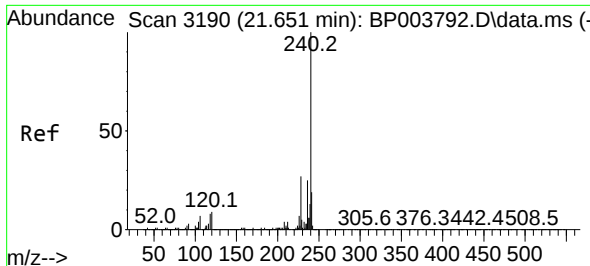
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#75
Fluoranthene
Concen: 11.05 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

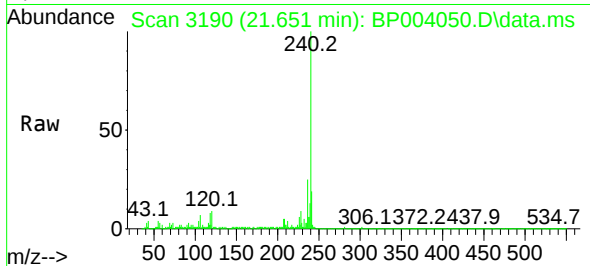
Tgt Ion:202 Resp: 356743
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.4
203 17.5 0.0 37.8





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.651 min Scan# 3190
Delta R.T. -0.000 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

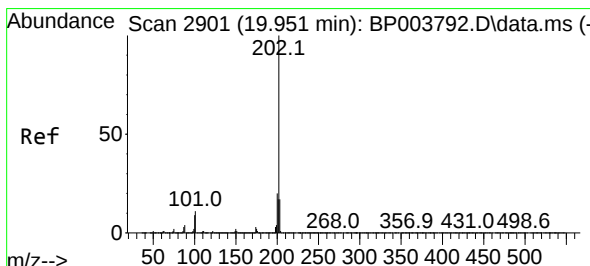
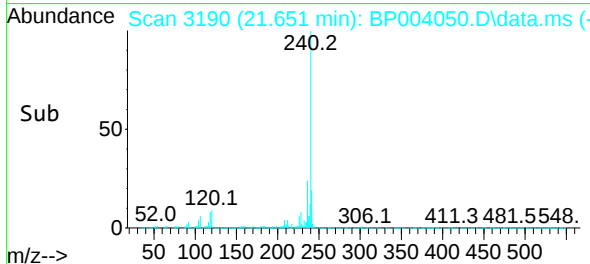
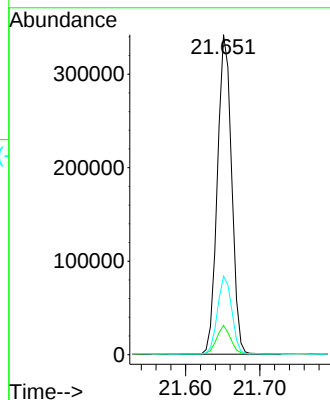
Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE



Tgt Ion:240 Resp: 455912
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 24.5 20.8 31.2

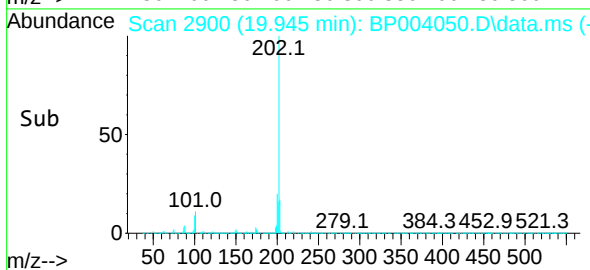
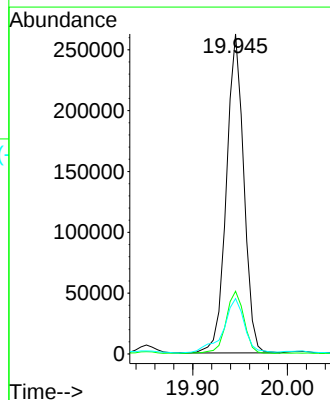
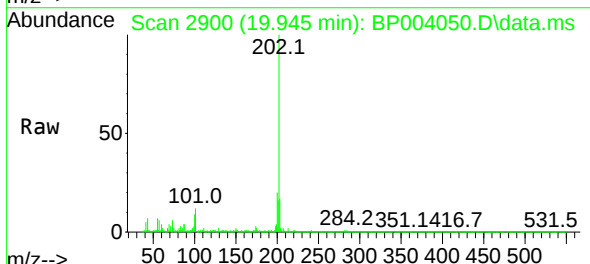
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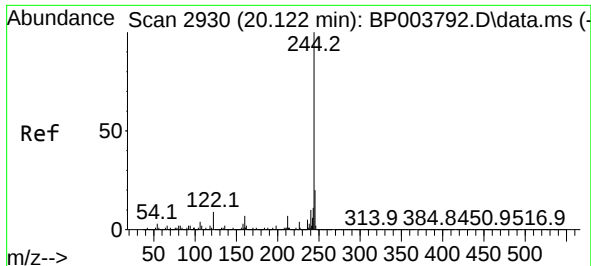
mohammad
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#78
Pyrene
Concen: 10.85 ng
RT: 19.945 min Scan# 2900
Delta R.T. -0.006 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

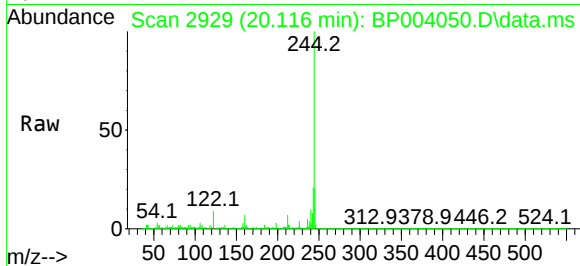
Tgt Ion:202 Resp: 335594
Ion Ratio Lower Upper
202 100
200 19.6 17.1 25.7
203 17.3 14.2 21.2





#79
Terphenyl-d14
Concen: 42.50 ng
RT: 20.116 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

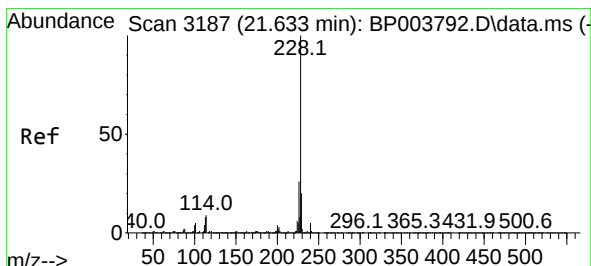
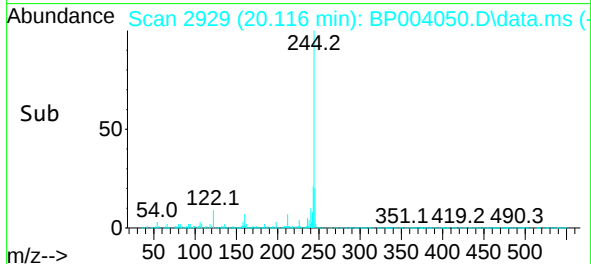
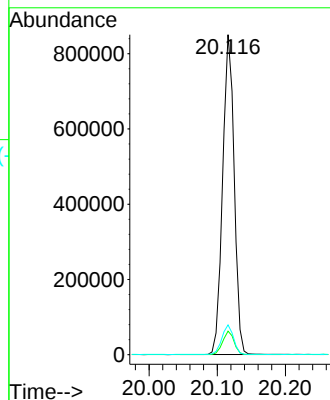
Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE



Tgt Ion:244 Resp: 1002909
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.3 7.8 11.8

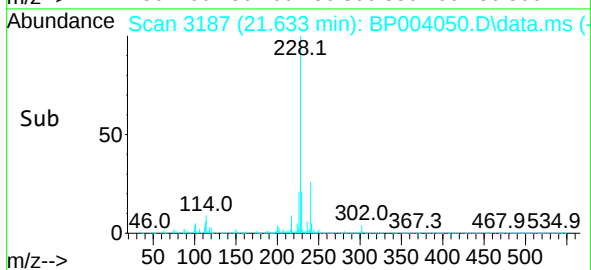
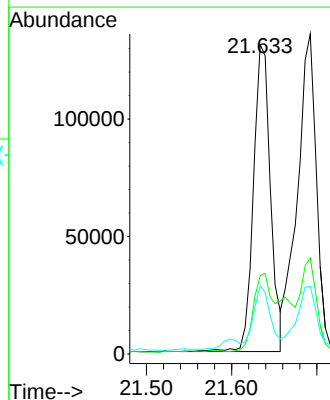
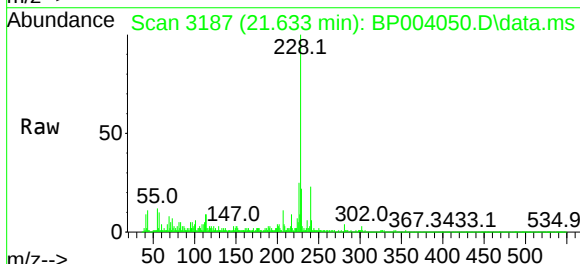
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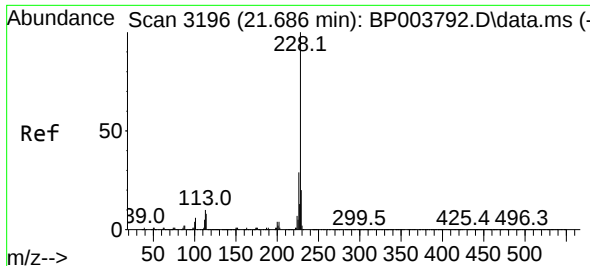
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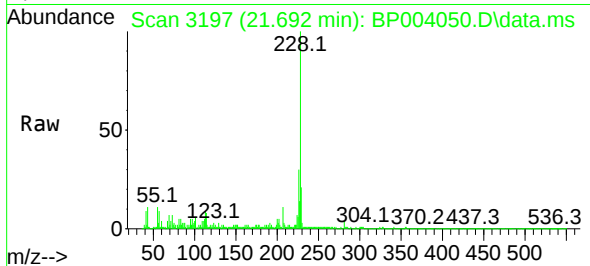
#81
Benzo(a)anthracene
Concen: 6.05 ng
RT: 21.633 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion:228 Resp: 181968
Ion Ratio Lower Upper
228 100
226 25.3 22.1 33.1
229 22.0 15.9 23.9

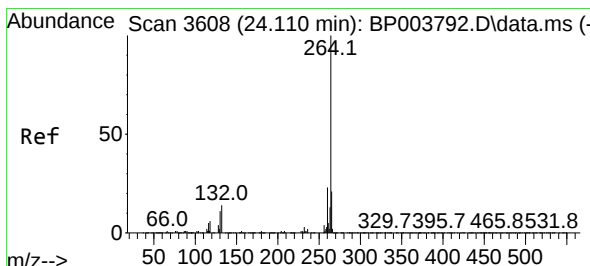
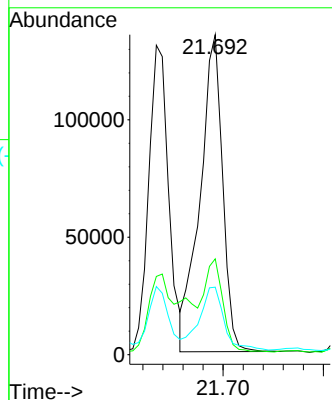
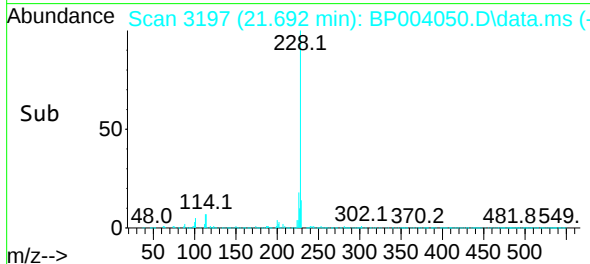




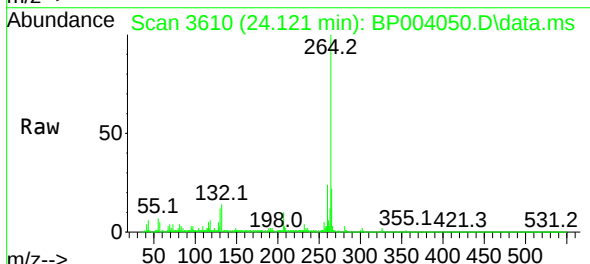
#83
Chrysene
Concen: 7.32 ng
RT: 21.692 min Scan# 3197
Delta R.T. 0.006 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04



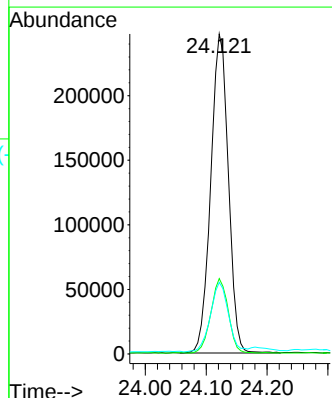
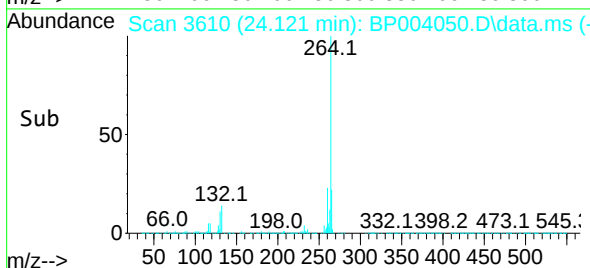
Tgt Ion:228 Resp: 211407
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 21.1 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.121 min Scan# 3610
Delta R.T. 0.012 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04



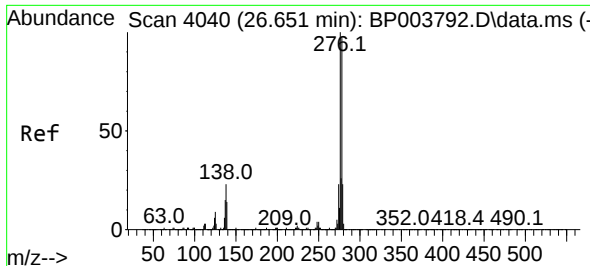
Tgt Ion:264 Resp: 496570
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 22.3 17.4 26.2



Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE

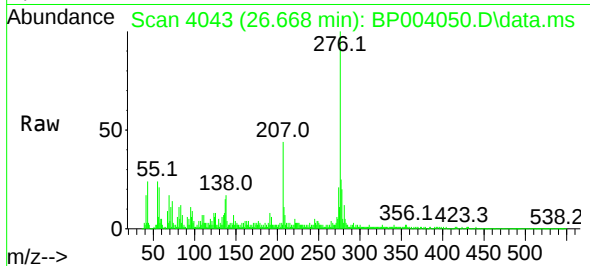
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.39 ng
RT: 26.668 min Scan# 4043
Delta R.T. 0.018 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

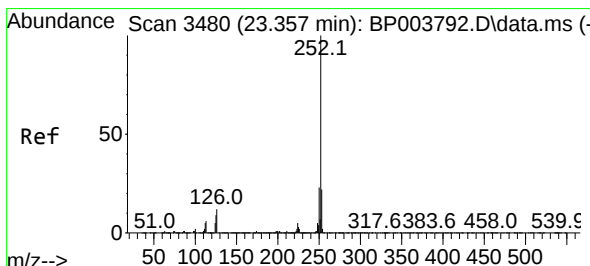
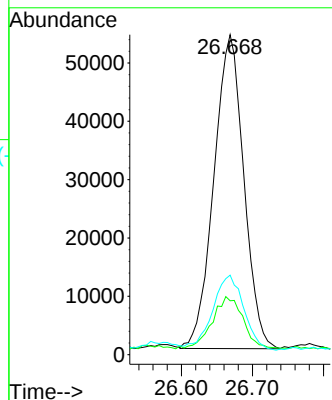
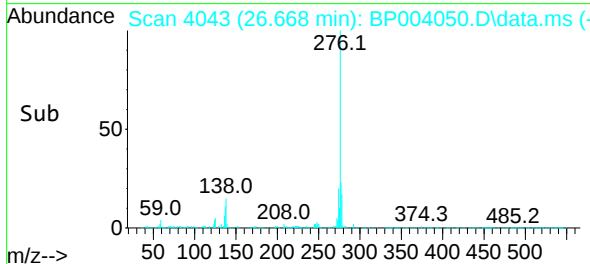
Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE



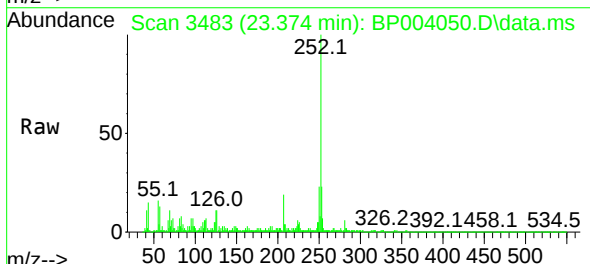
Tgt Ion: 276 Resp: 157328
Ion Ratio Lower Upper
276 100
138 17.3 18.7 28.1#
277 25.0 20.4 30.6

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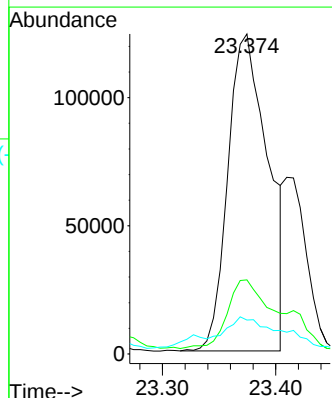
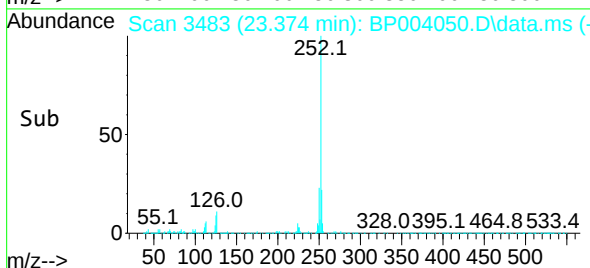
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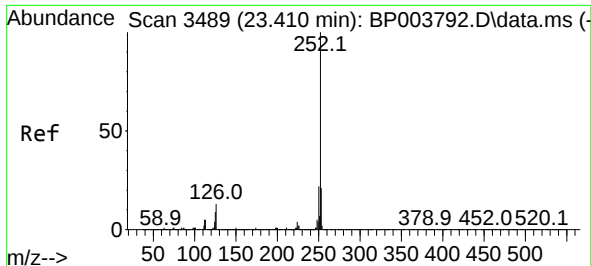


#88
Benzo(b)fluoranthene
Concen: 9.41 ng m
RT: 23.374 min Scan# 3483
Delta R.T. 0.018 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04



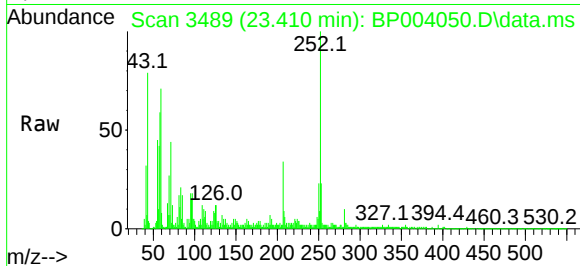
Tgt Ion: 252 Resp: 305707
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 10.6 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 2.88 ng m
RT: 23.410 min Scan# 3489
Delta R.T. -0.000 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

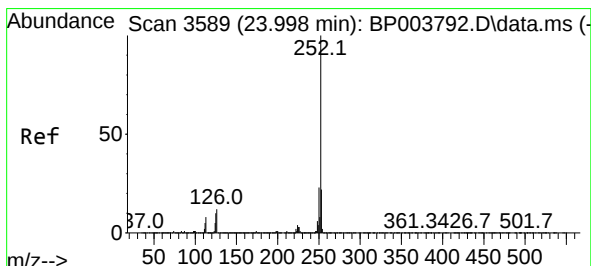
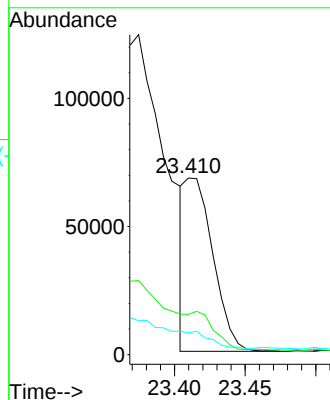
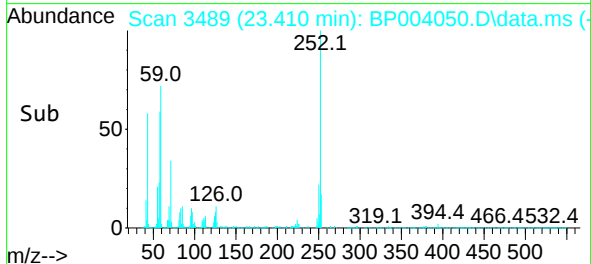
Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE



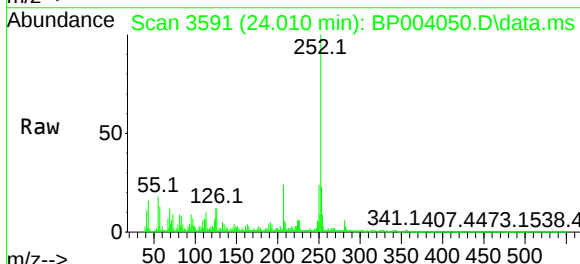
Tgt Ion:252 Resp: 92432
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 12.3 7.4 11.2#

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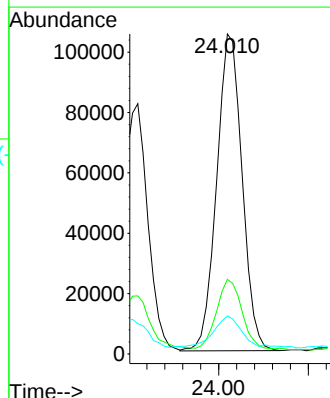
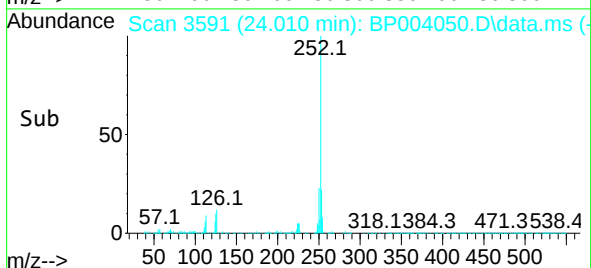
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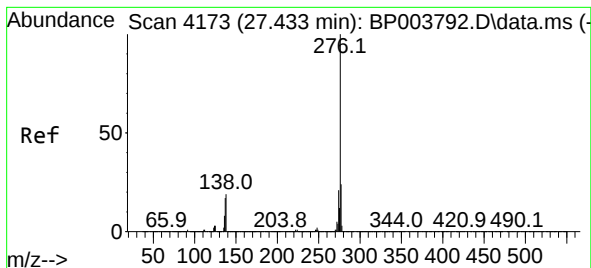


#90
Benzo(a)pyrene
Concen: 6.86 ng
RT: 24.010 min Scan# 3591
Delta R.T. 0.012 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04



Tgt Ion:252 Resp: 206343
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 11.9 8.2 12.4





#92

Benzo(g,h,i)perylene

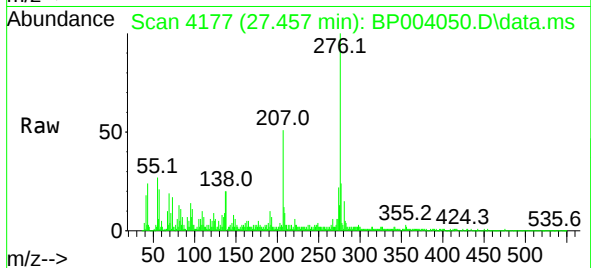
Concen: 5.61 ng

RT: 27.457 min Scan# 4177

Delta R.T. 0.024 min

Lab File: BP004050.D

Acq: 21 Nov 2020 22:04



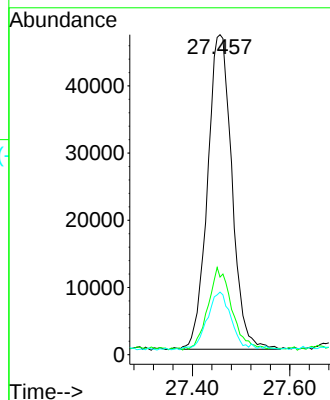
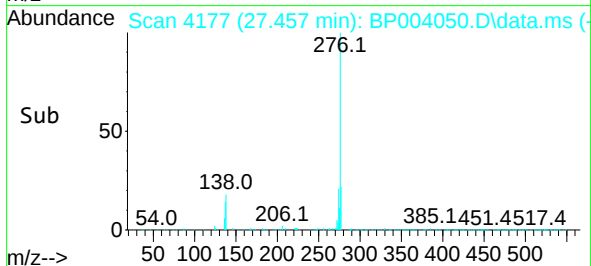
Tgt Ion: 276 Resp: 162107

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.6

138 19.5 16.6 24.8



Instrument :

BNA_P

ClientSampleId :

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