

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
 Data File : BP003916.D
 Acq On : 10 Nov 2020 22:59
 Operator : CG/JU
 Sample : L4589-01DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-110620DL

Manual Integrations
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 11/11/2020 10:32:56 AM

Quant Time: Nov 11 00:15:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 13:41:24 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	191412	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	682827	20.00	ng	# 0.00
39) Acenaphthene-d10	14.898	164	371816	20.00	ng	0.00
64) Phenanthrene-d10	17.633	188	658363	20.00	ng	0.00
76) Chrysene-d12	21.663	240	630902	20.00	ng	0.00
86) Perylene-d12	24.139	264	681535	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	84054	7.33	ng	0.00
7) Phenol-d6	7.452	99	108137	6.57	ng	0.00
23) Nitrobenzene-d5	9.440	82	57208	4.10	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	24337	5.23	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	117725	4.43	ng	0.00
79) Terphenyl-d14	20.127	244	142773	4.37	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.622	152	94161	2.71	ng	99
58) Fluorene	15.939	166	85085	3.09	ng	99
71) Phenanthrene	17.675	178	776187	21.01	ng	99
72) Anthracene	17.763	178	298461	8.36	ng	99
75) Fluoranthene	19.610	202	1813109	42.53	ng	100
78) Pyrene	19.957	202	1583161	36.98	ng	99
81) Benzo(a)anthracene	21.645	228	895071	21.51	ng	98
83) Chrysene	21.698	228	729300	18.24	ng	97
87) Indeno(1,2,3-cd)pyrene	26.692	276	463753	9.43	ng	# 94
88) Benzo(b)fluoranthene	23.392	252	1022734m	22.93	ng	
89) Benzo(k)fluoranthene	23.427	252	305284m	6.93	ng	
90) Benzo(a)pyrene	24.033	252	734769	17.80	ng	97
91) Dibenzo(a,h)anthracene	26.686	278	122896	3.00	ng	95
92) Benzo(g,h,i)perylene	27.480	276	428006	10.79	ng	96

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

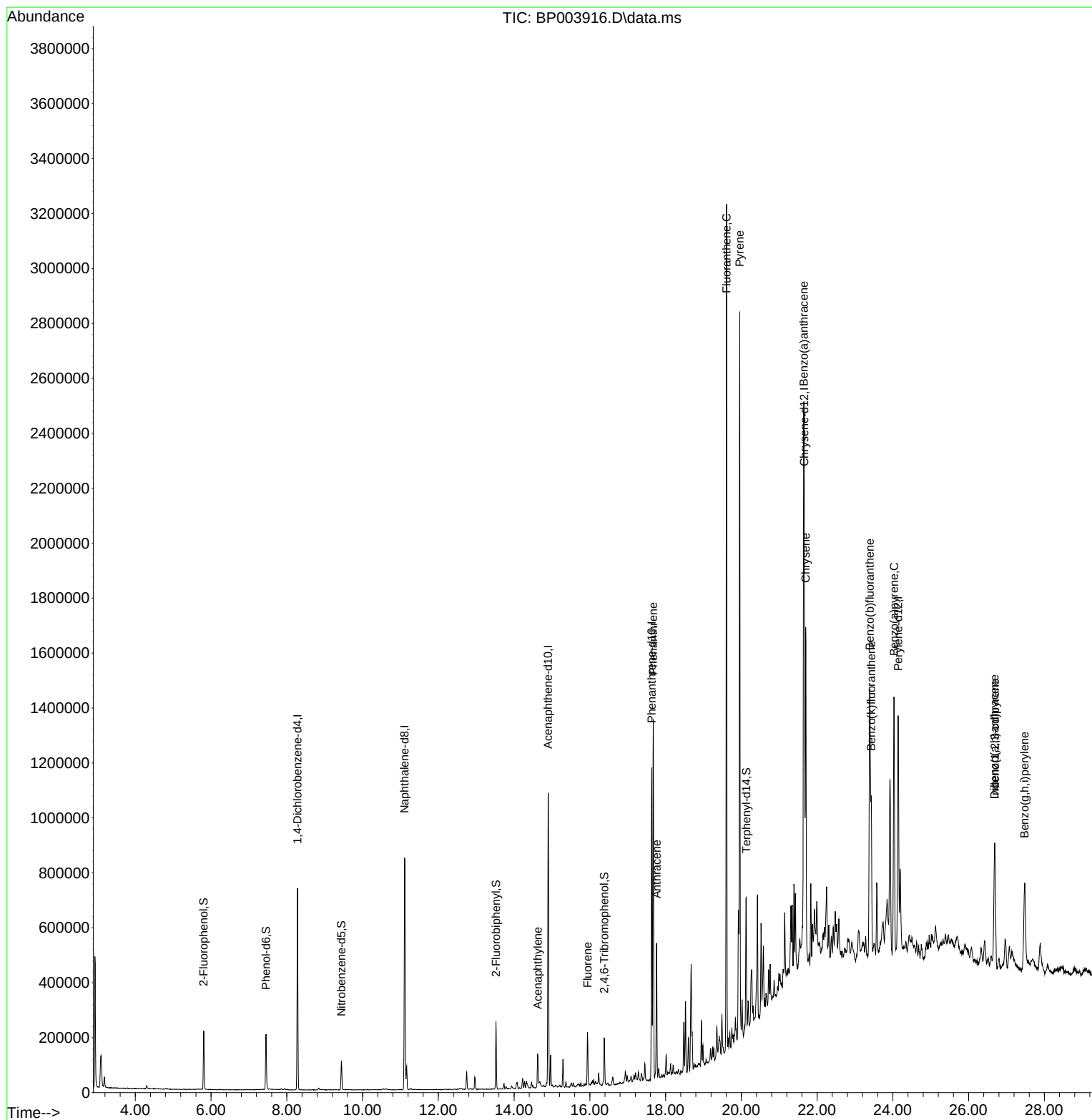
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Data File : BP003916.D
Acq On : 10 Nov 2020 22:59
Operator : CG/JU
Sample : L4589-01DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

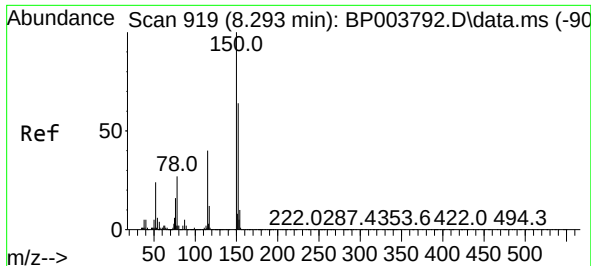
Instrument :
BNA_P
ClientSampled :
CL-02-110620DL

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Quant Time: Nov 11 00:15:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 13:41:24 2020
Response via : Initial Calibration





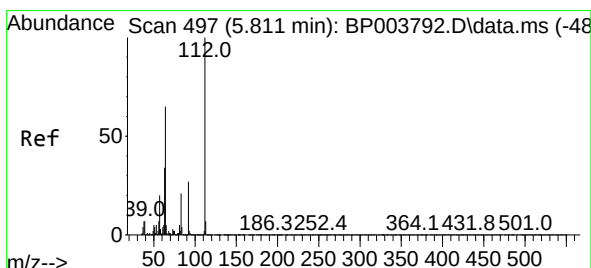
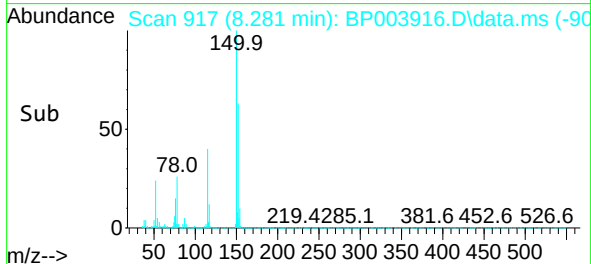
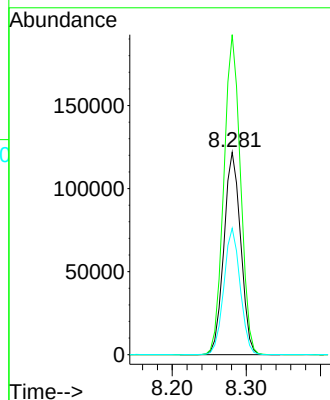
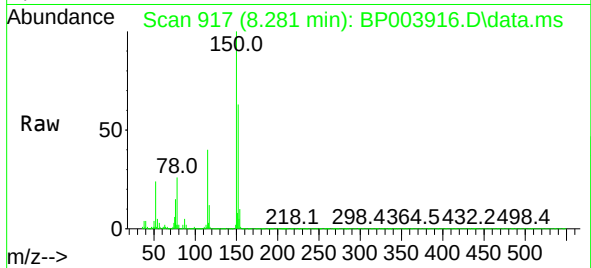
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:152 Resp: 191412
Ion Ratio Lower Upper
152 100
150 158.0 123.8 185.6
115 62.5 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
CL-02-110620DL

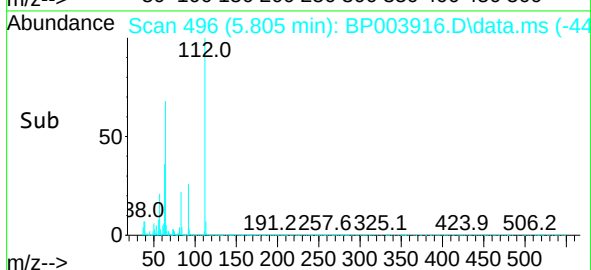
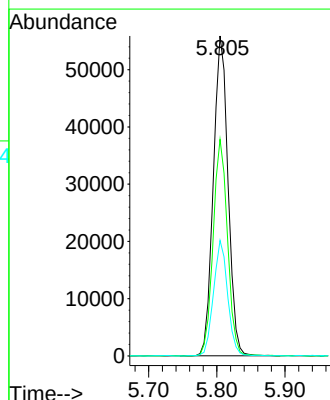
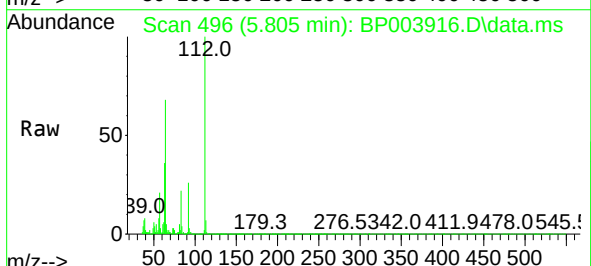
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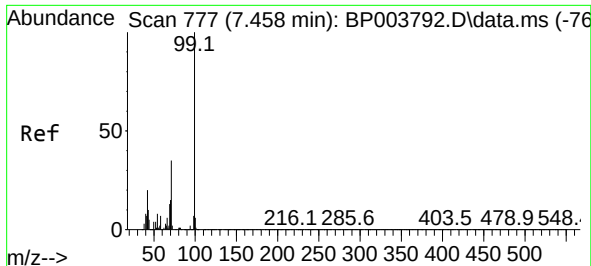
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#5
2-Fluorophenol
Concen: 7.33 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

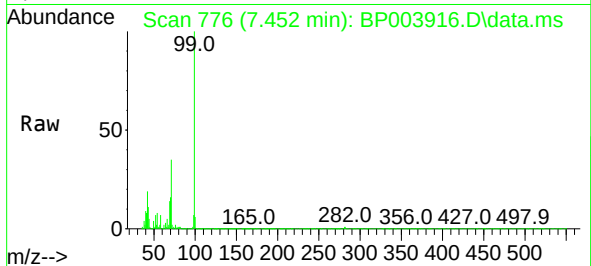
Tgt Ion:112 Resp: 84054
Ion Ratio Lower Upper
112 100
64 67.7 32.8 49.2#
63 36.1 17.0 25.4#





#7
Phenol-d6
Concen: 6.57 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

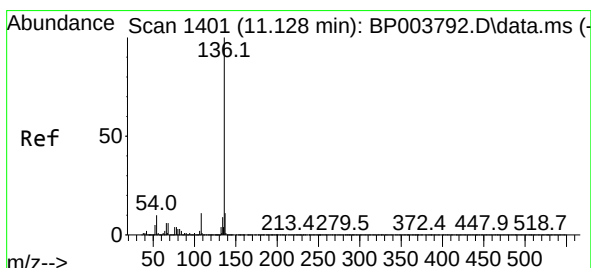
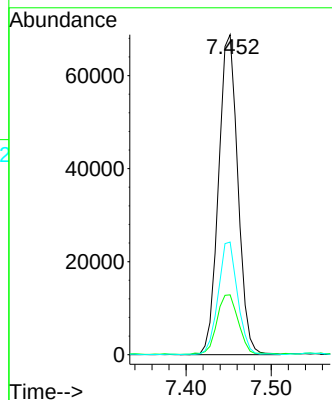
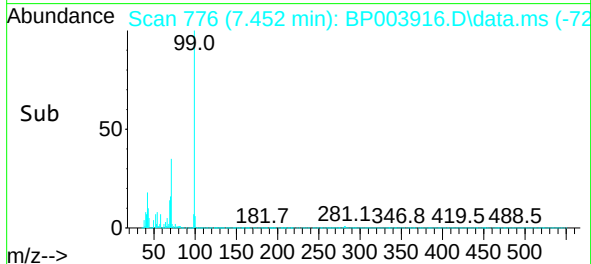
Instrument :
BNA_P
ClientSampleId :
CL-02-110620DL



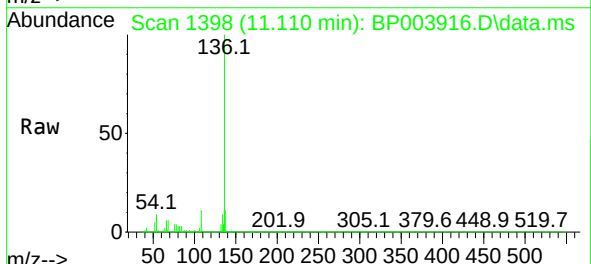
Tgt Ion: 99 Resp: 108137
Ion Ratio Lower Upper
99 100
42 18.7 8.6 13.0#
71 35.2 23.4 35.2#

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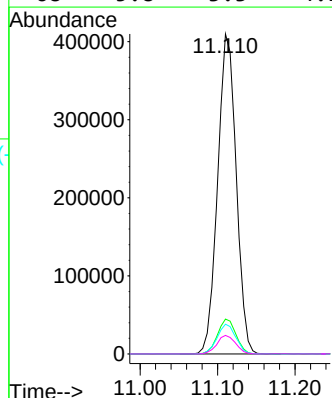
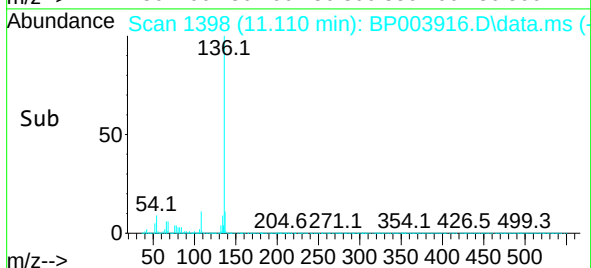
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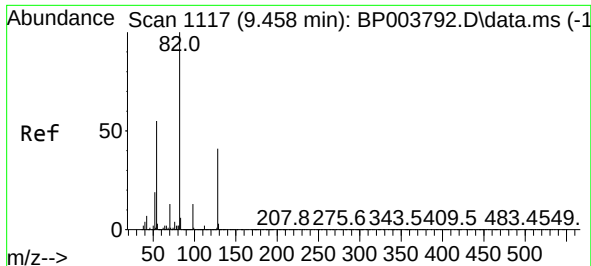


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59



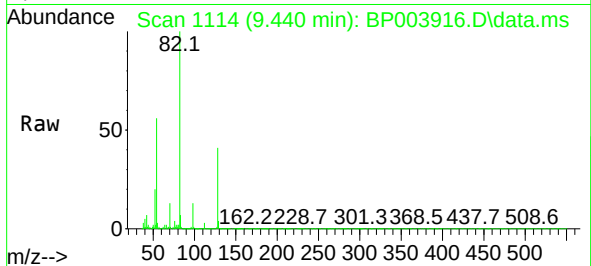
Tgt Ion: 136 Resp: 682827
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.3 3.6 5.4#
68 5.8 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 4.10 ng
RT: 9.440 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

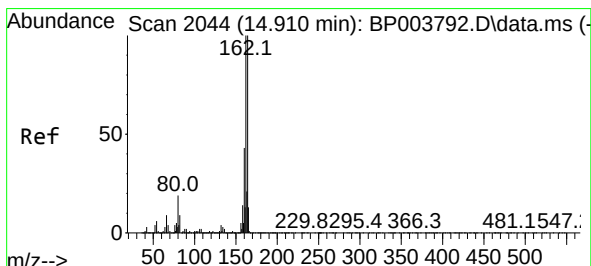
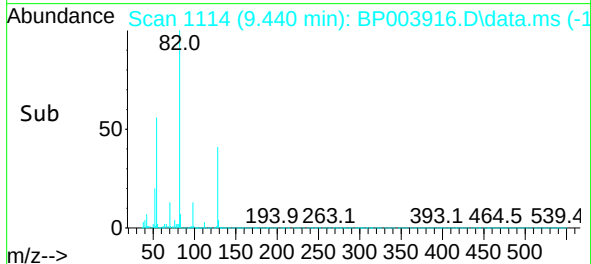
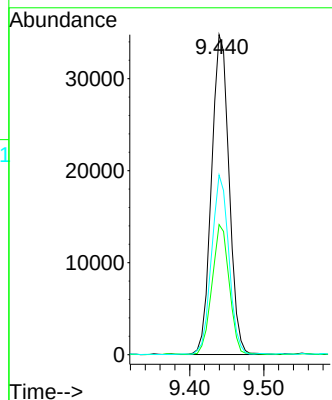
Instrument :
BNA_P
ClientSampleId :
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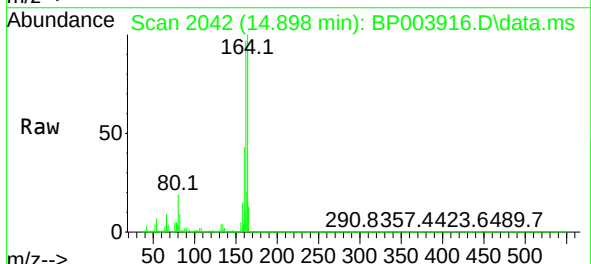
Tgt Ion: 82 Resp: 57208
Ion Ratio Lower Upper
82 100
128 40.7 45.6 68.4#
54 56.2 30.1 45.1#

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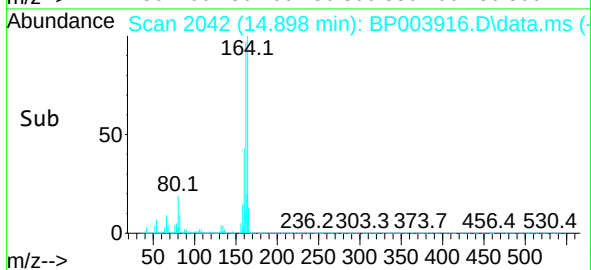
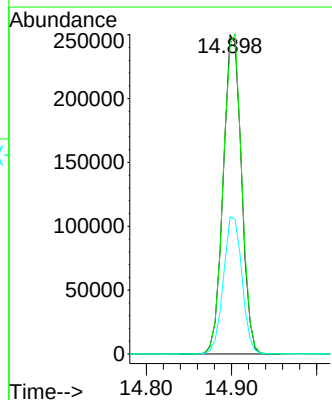
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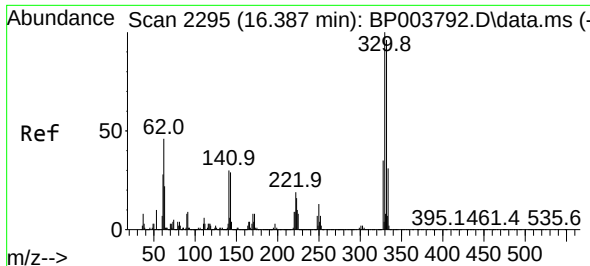


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.898 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59



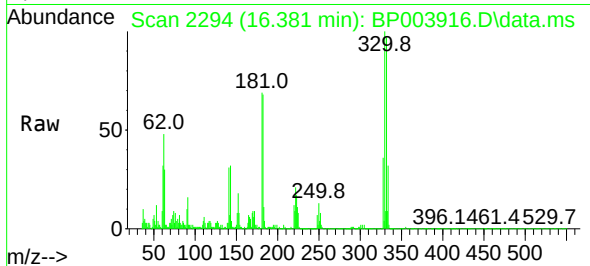
Tgt Ion: 164 Resp: 371816
Ion Ratio Lower Upper
164 100
162 97.0 79.4 119.2
160 43.0 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 5.23 ng
RT: 16.381 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

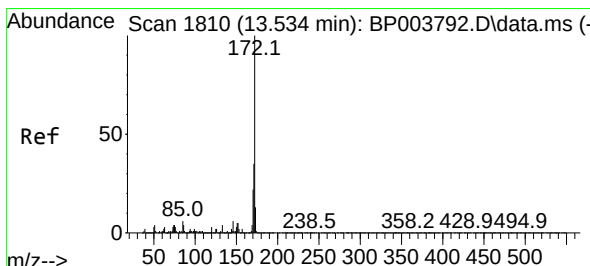
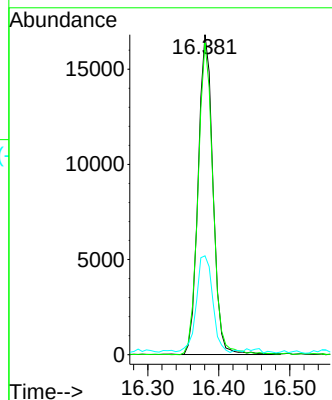
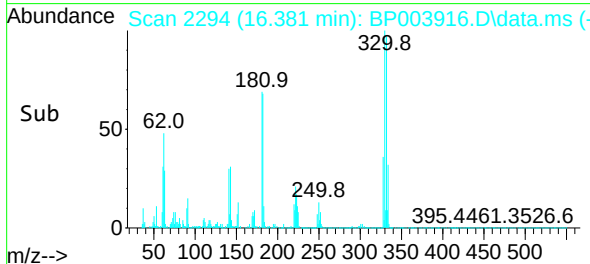
Instrument :
BNA_P
ClientSampleId :
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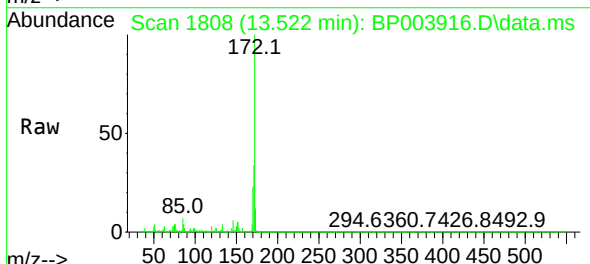
Tgt Ion: 330 Resp: 24337
Ion Ratio Lower Upper
330 100
332 99.1 77.1 115.7
141 33.4 23.4 35.2

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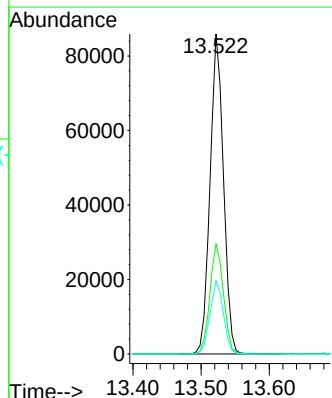
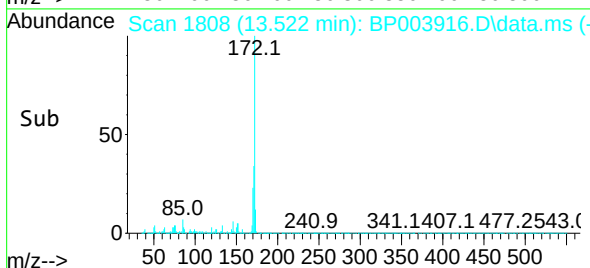
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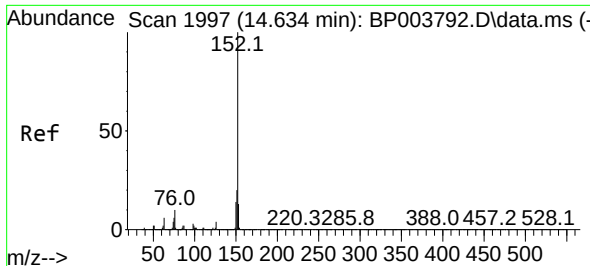


#45
2-Fluorobiphenyl
Concen: 4.43 ng
RT: 13.522 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59



Tgt Ion: 172 Resp: 117725
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 22.8 19.2 28.8





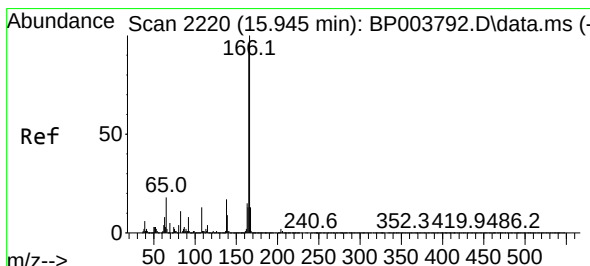
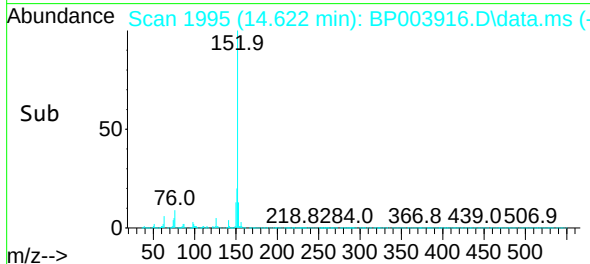
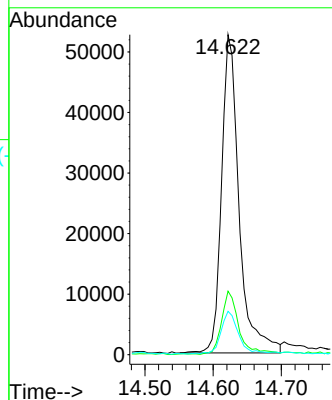
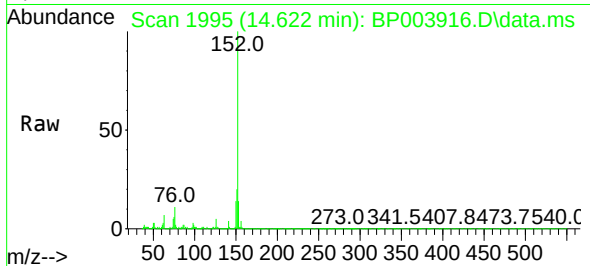
#49
Acenaphthylene
Concen: 2.71 ng
RT: 14.622 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:	152	Resp:	94161
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.9	23.9
153	13.6	10.5	15.7

Instrument :
BNA_P
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CL-02-110620DL

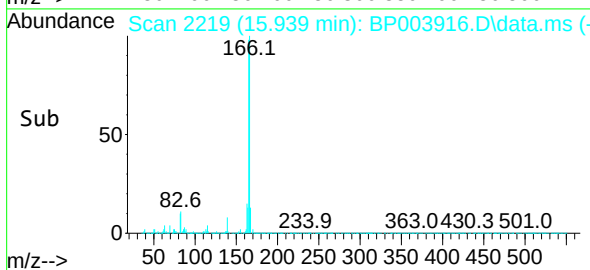
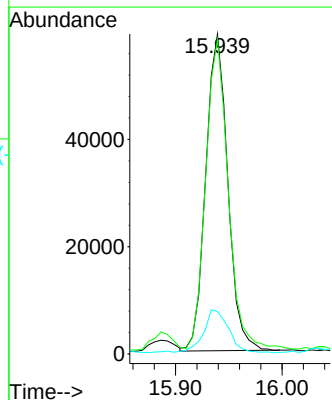
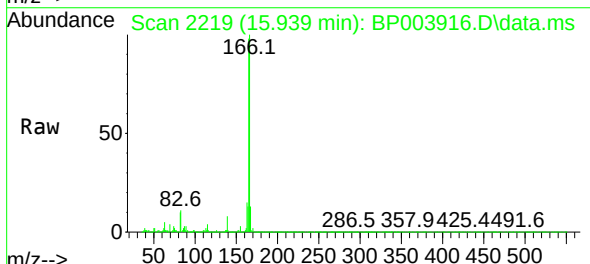
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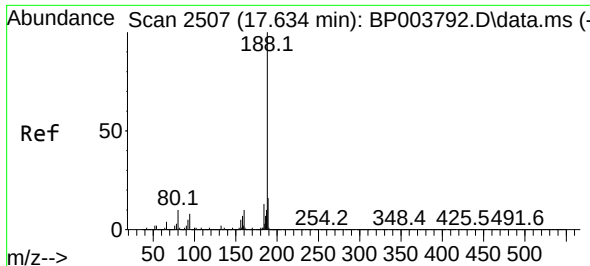
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#58
Fluorene
Concen: 3.09 ng
RT: 15.939 min Scan# 2219
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:	166	Resp:	85085
Ion Ratio	Lower	Upper	
166	100		
165	98.4	77.8	116.8
167	13.3	11.0	16.4





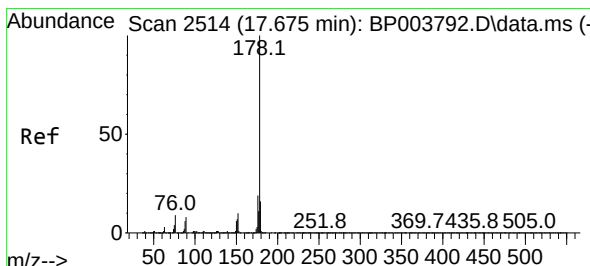
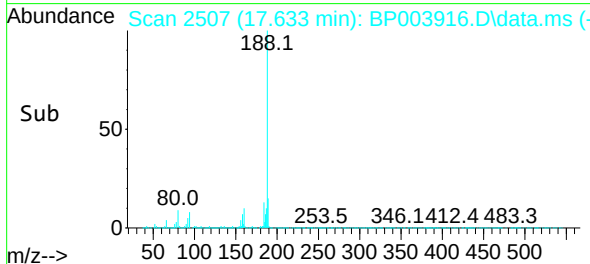
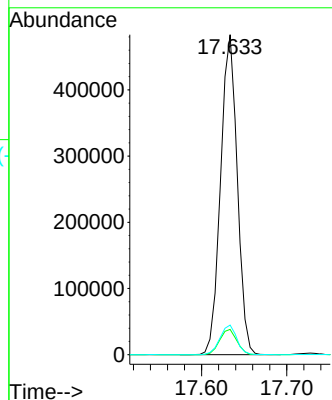
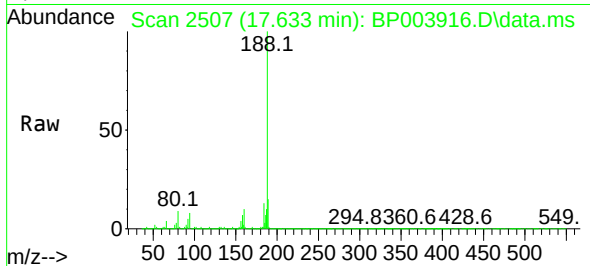
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.633 min Scan# 2507
Delta R.T. 0.006 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:188 Resp: 658363
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 9.2 6.2 9.2

Instrument :
BNA_P
ClientSampleId :
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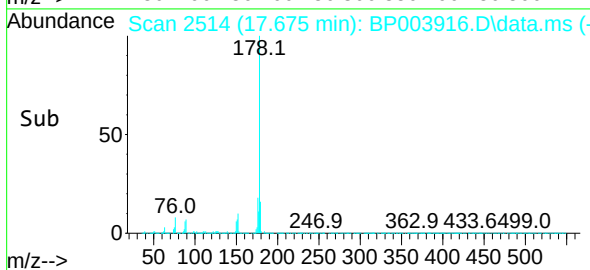
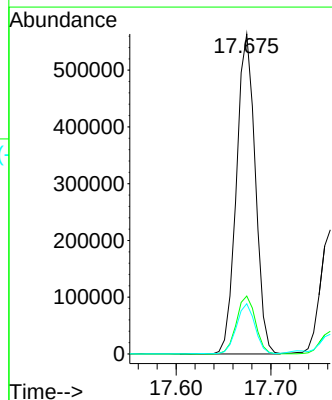
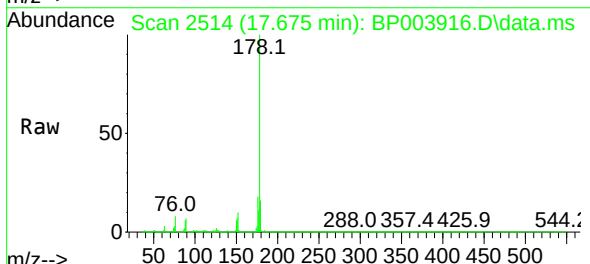
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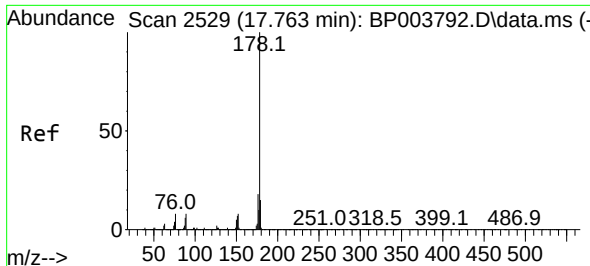
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#71
Phenanthrene
Concen: 21.01 ng
RT: 17.675 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:178 Resp: 776187
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 15.7 12.5 18.7





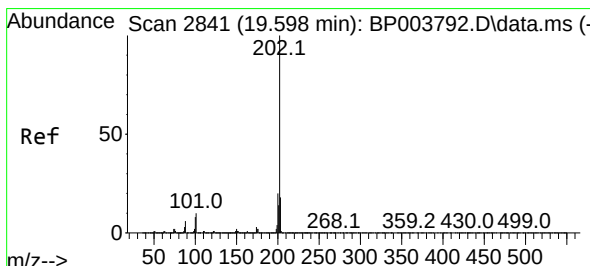
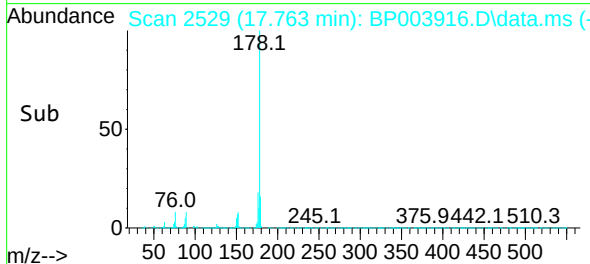
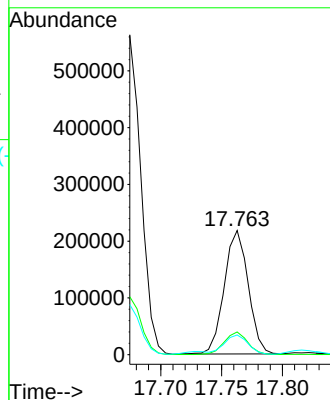
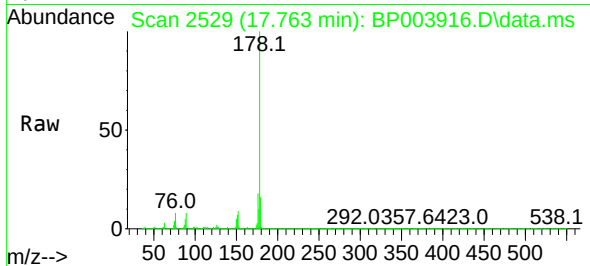
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 Anthracene
 Concen: 8.36 ng
 RT: 17.763 min Scan# 2529
 Delta R.T. -0.000 min
 Lab File: BP003916.D
 Acq: 10 Nov 2020 22:59

Tgt Ion:178 Resp: 298461
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.0 22.4
 179 15.9 12.5 18.7

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-110620DL

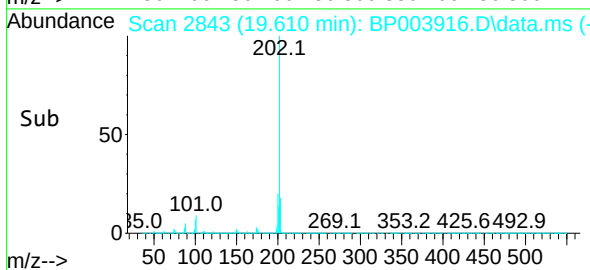
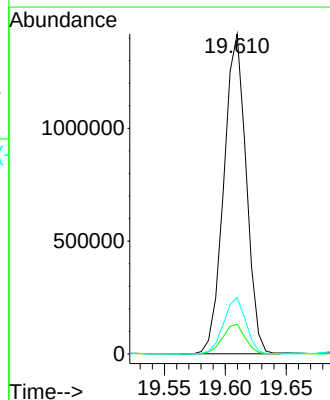
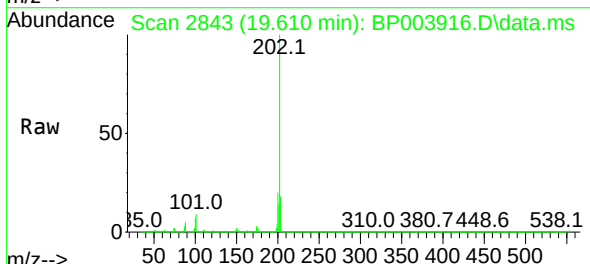
Manual Integrations
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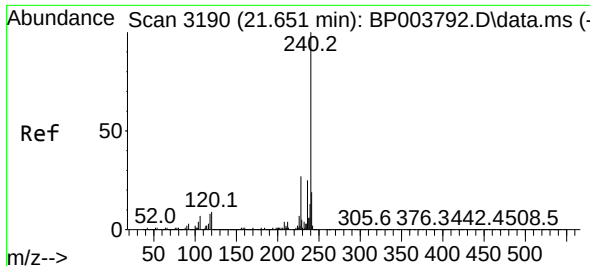
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#75
 Fluoranthene
 Concen: 42.53 ng
 RT: 19.610 min Scan# 2843
 Delta R.T. 0.006 min
 Lab File: BP003916.D
 Acq: 10 Nov 2020 22:59

Tgt Ion:202 Resp: 1813109
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 29.4
 203 17.6 0.0 37.8





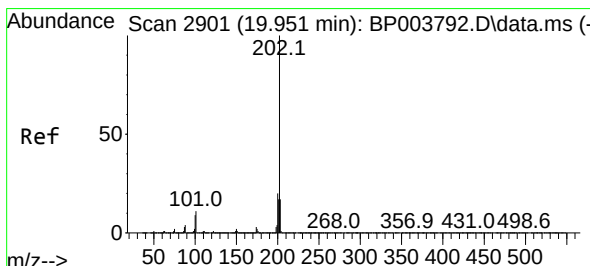
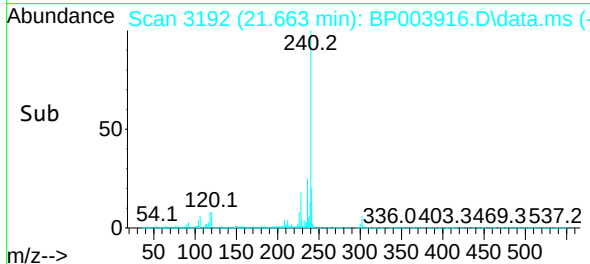
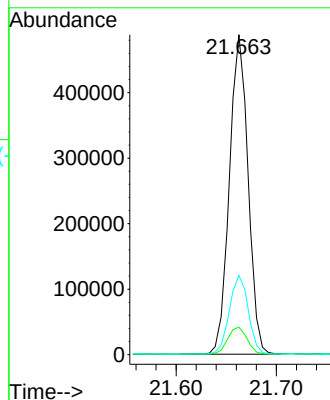
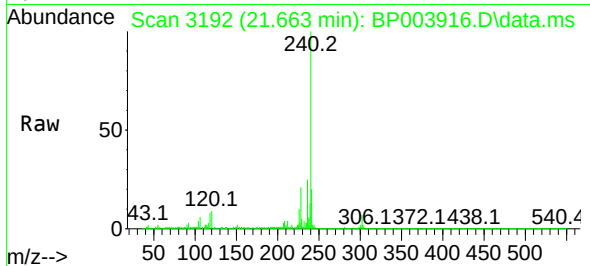
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.663 min Scan# 3192
Delta R.T. 0.006 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:240 Resp: 630902
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.6
236 24.8 20.8 31.2

Instrument :
BNA_P
ClientSampleId :
CL-02-110620DL

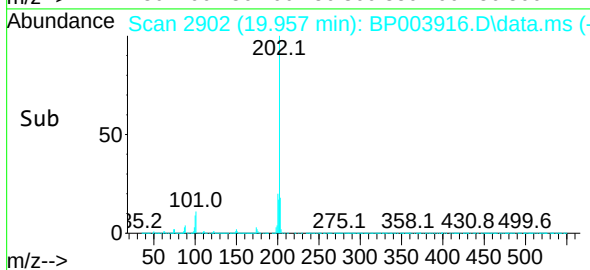
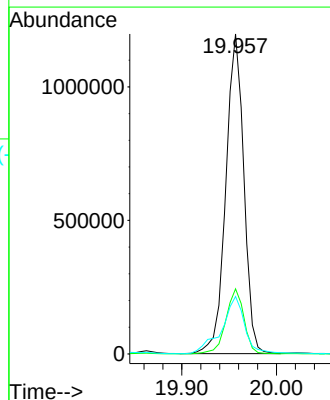
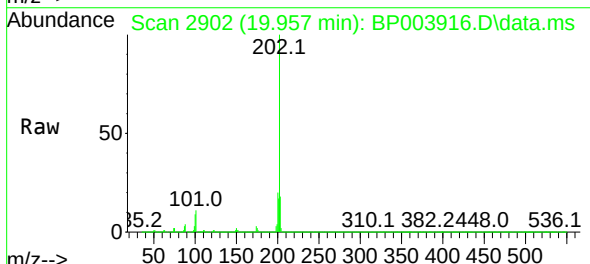
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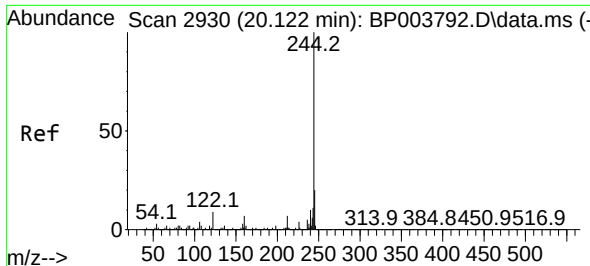
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#78
Pyrene
Concen: 36.98 ng
RT: 19.957 min Scan# 2902
Delta R.T. 0.006 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:202 Resp: 1583161
Ion Ratio Lower Upper
202 100
200 20.4 17.1 25.7
203 18.0 14.2 21.2





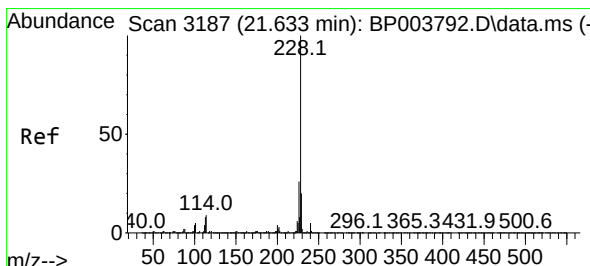
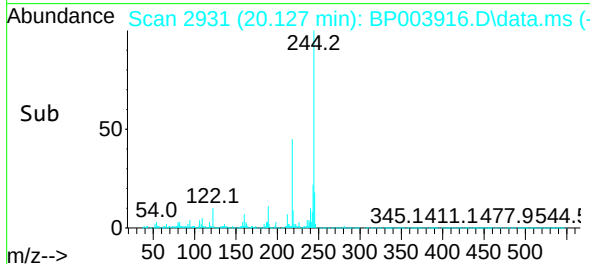
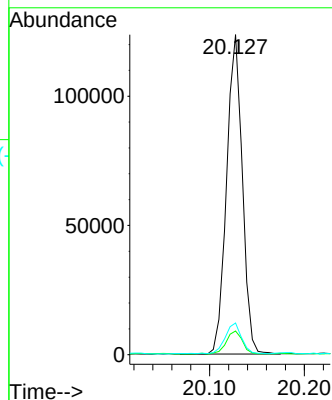
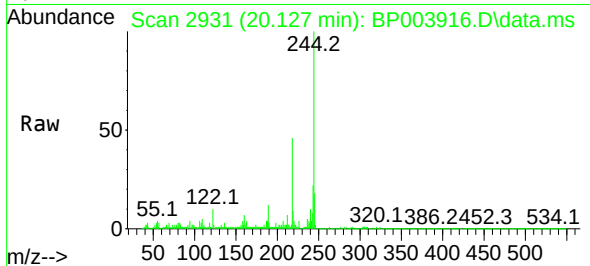
#79
 Terphenyl-d14
 Concen: 4.37 ng
 RT: 20.127 min Scan# 2931
 Delta R.T. -0.000 min
 Lab File: BP003916.D
 Acq: 10 Nov 2020 22:59

Tgt Ion:244 Resp: 142773
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 9.9 7.8 11.8

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-110620DL

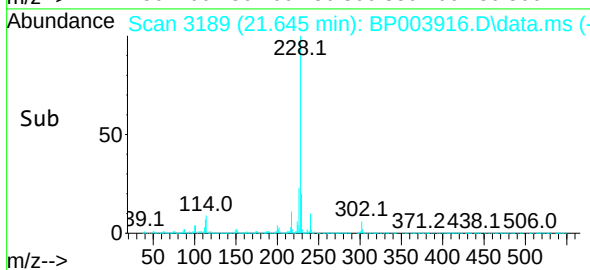
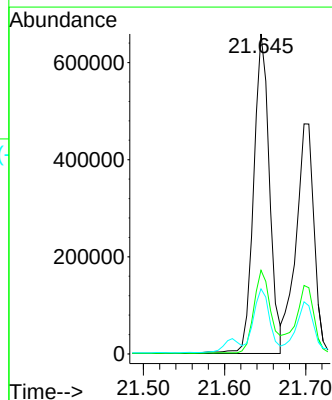
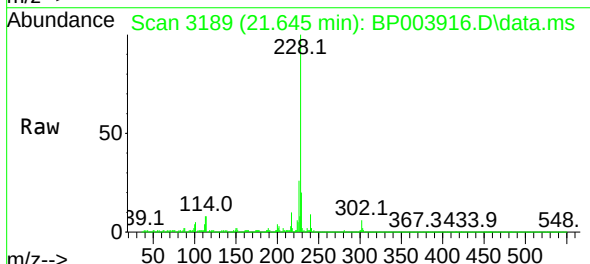
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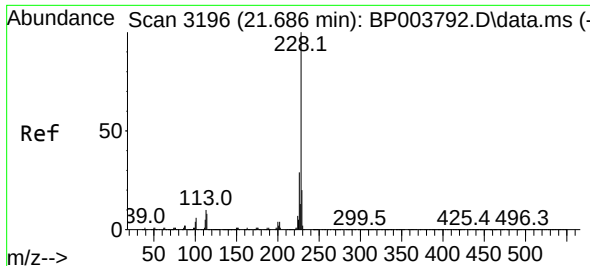
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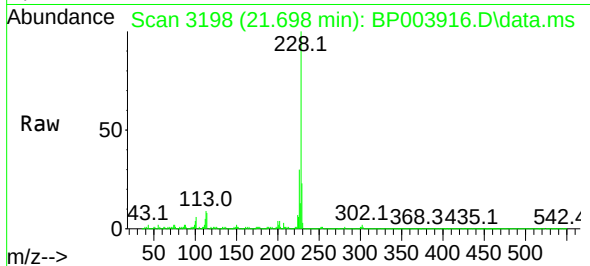
#81
 Benzo(a)anthracene
 Concen: 21.51 ng
 RT: 21.645 min Scan# 3189
 Delta R.T. -0.000 min
 Lab File: BP003916.D
 Acq: 10 Nov 2020 22:59

Tgt Ion:228 Resp: 895071
 Ion Ratio Lower Upper
 228 100
 226 26.2 22.1 33.1
 229 20.3 15.9 23.9

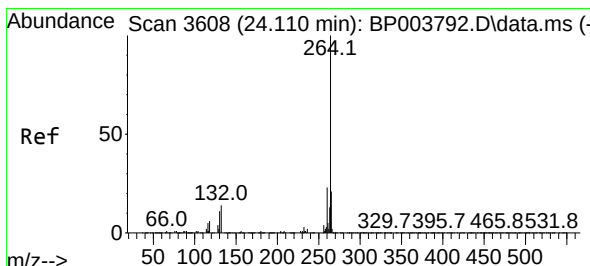
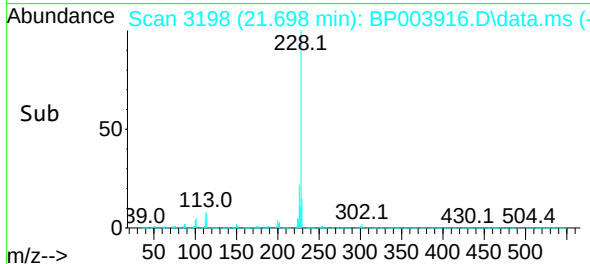
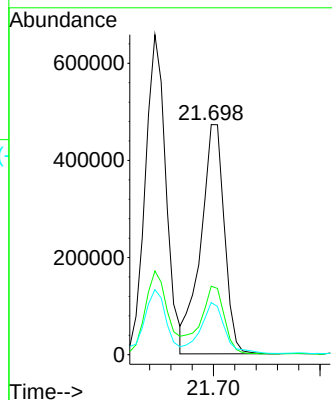




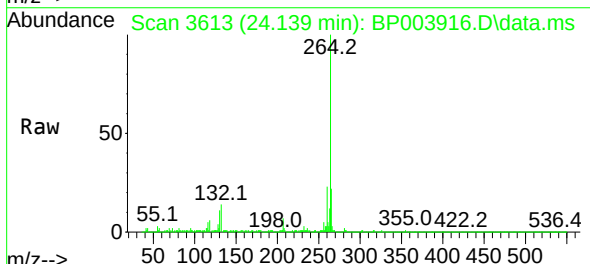
#83
Chrysene
Concen: 18.24 ng
RT: 21.698 min Scan# 3198
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59



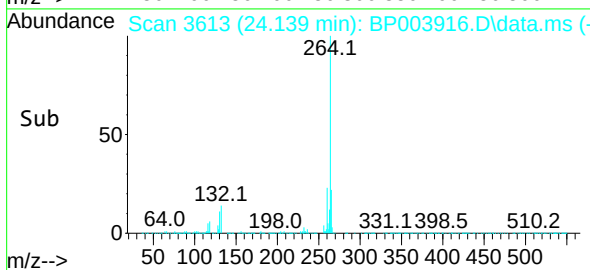
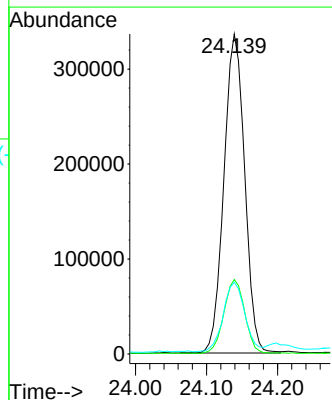
Tgt Ion:228 Resp: 729300
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 22.7 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.139 min Scan# 3613
Delta R.T. 0.012 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59



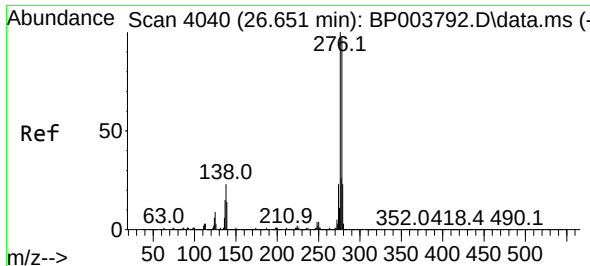
Tgt Ion:264 Resp: 681535
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 22.4 17.4 26.2



Instrument :
BNA_P
ClientSampleId :
CL-02-110620DL

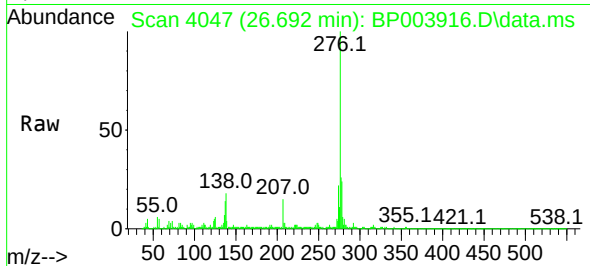
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#87
Indeno(1,2,3-cd)pyrene
Concen: 9.43 ng
RT: 26.692 min Scan# 4047
Delta R.T. 0.006 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

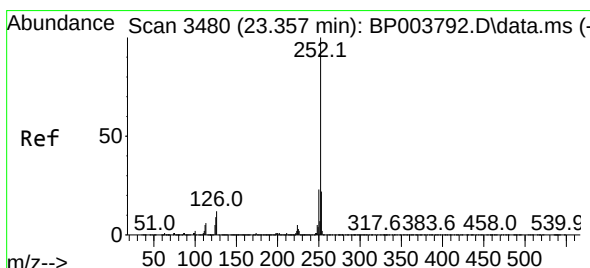
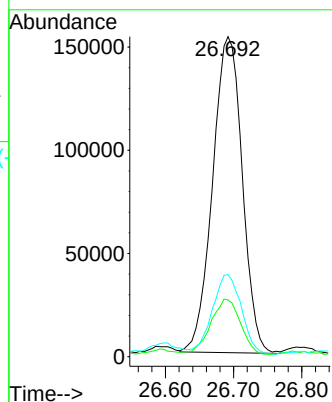
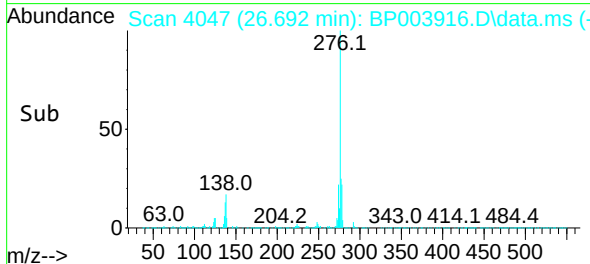
Instrument :
BNA_P
ClientSampleID :
CL-02-110620DL



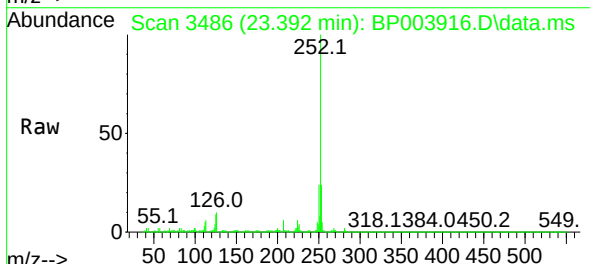
Tgt Ion: 276 Resp: 463753
Ion Ratio Lower Upper
276 100
138 17.5 18.7 28.1#
277 24.8 20.4 30.6

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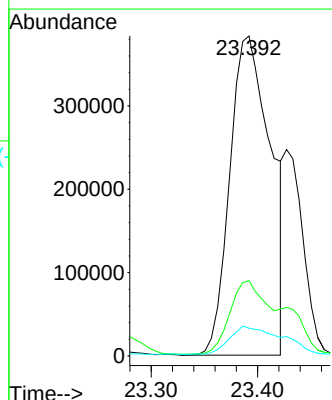
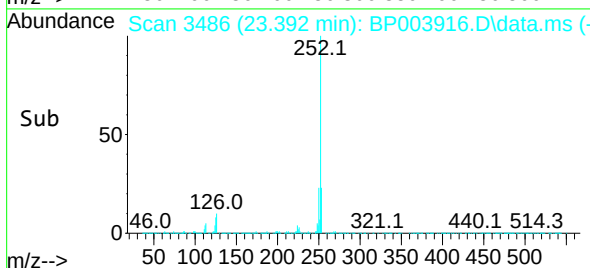
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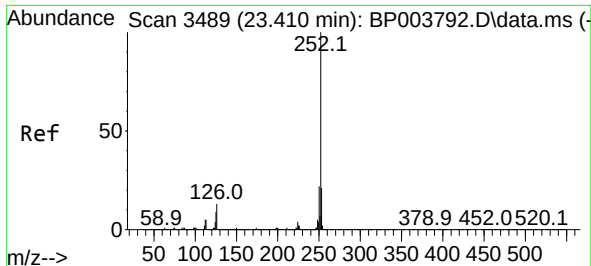


#88
Benzo(b)fluoranthene
Concen: 22.93 ng m
RT: 23.392 min Scan# 3486
Delta R.T. 0.012 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59



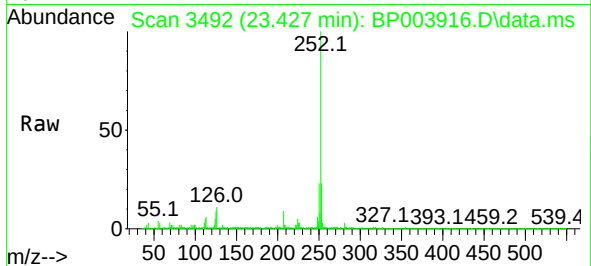
Tgt Ion: 252 Resp: 1022734
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 8.7 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 6.93 ng m
RT: 23.427 min Scan# 3492
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

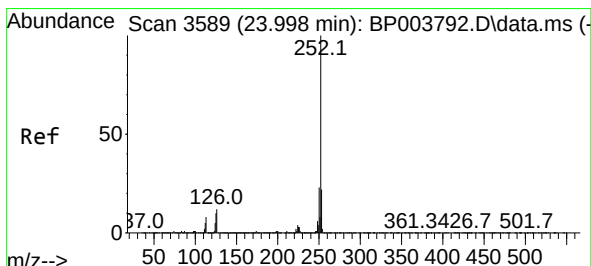
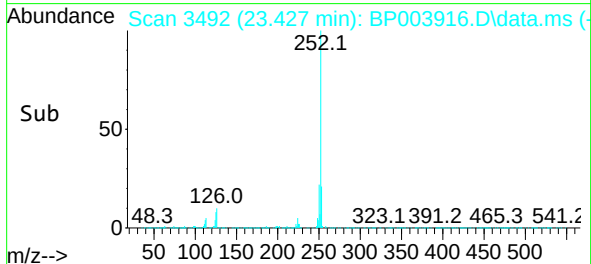
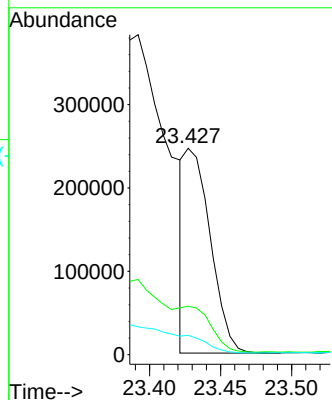
Instrument :
BNA_P
ClientSampleId :
CL-02-110620DL



Tgt Ion:252 Resp: 305284
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 9.4 7.4 11.2

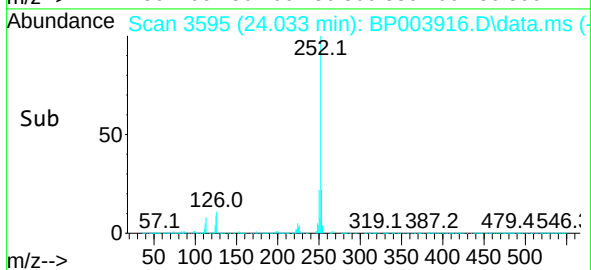
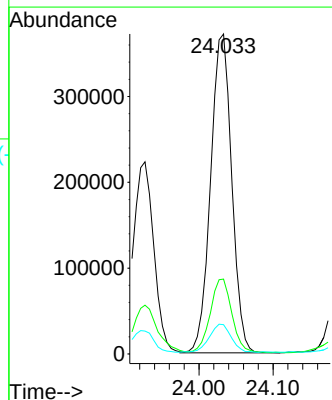
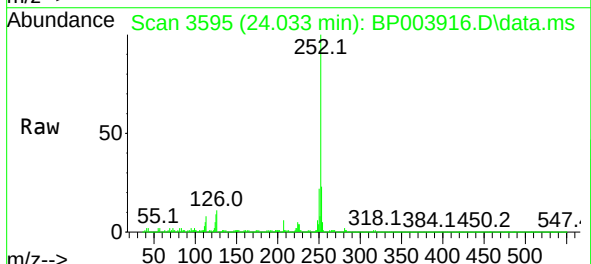
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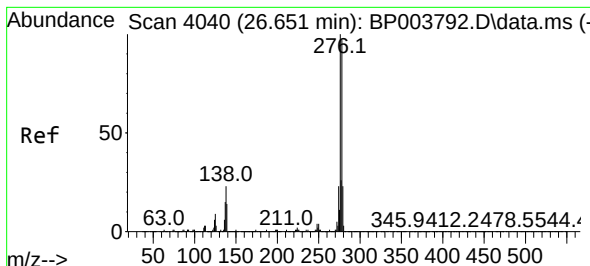
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#90
Benzo(a)pyrene
Concen: 17.80 ng
RT: 24.033 min Scan# 3595
Delta R.T. 0.012 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:252 Resp: 734769
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 9.2 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 3.00 ng

RT: 26.686 min Scan# 4046

Delta R.T. -0.000 min

Lab File: BP003916.D

Acq: 10 Nov 2020 22:59

Tgt Ion: 278 Resp: 122896

Ion Ratio Lower Upper

278 100

139 17.5 12.4 18.6

279 26.1 19.0 28.6

Instrument :

BNA_P

ClientSampleId :

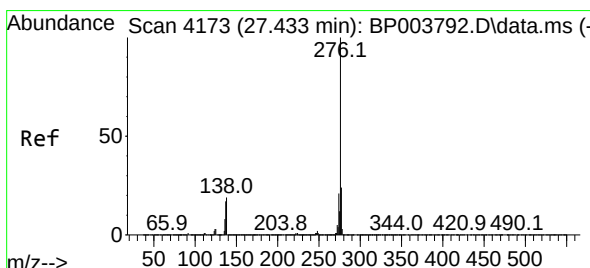
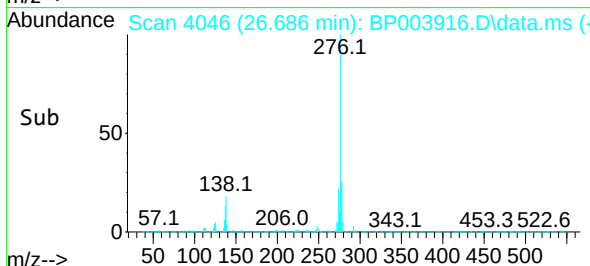
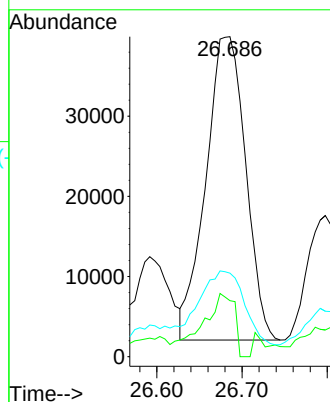
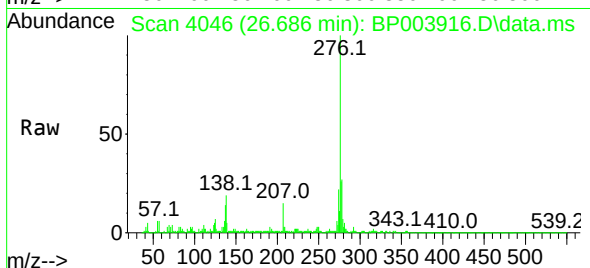
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#92

Benzo(g,h,i)perylene

Concen: 10.79 ng

RT: 27.480 min Scan# 4181

Delta R.T. 0.006 min

Lab File: BP003916.D

Acq: 10 Nov 2020 22:59

Tgt Ion: 276 Resp: 428006

Ion Ratio Lower Upper

276 100

277 24.5 19.0 28.6

138 17.4 16.6 24.8

