

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110620\
 Data File : BP003848.D
 Acq On : 06 Nov 2020 19:40
 Operator : CG/JU
 Sample : L4656-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SR-L14-L13-SOUTH

Manual Integrations
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 11/10/2020 11:59:28 AM

Quant Time: Nov 06 23:34:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 11:33:14 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	157638	20.00	ng	0.00
21) Naphthalene-d8	11.134	136	612294	20.00	ng	# 0.00
39) Acenaphthene-d10	14.916	164	378081	20.00	ng	0.00
64) Phenanthrene-d10	17.645	188	760200	20.00	ng	0.00
76) Chrysene-d12	21.674	240	662400	20.00	ng	0.00
86) Perylene-d12	24.151	264	715166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	1033033	109.37	ng	0.00
7) Phenol-d6	7.469	99	1343559	99.09	ng	0.00
23) Nitrobenzene-d5	9.463	82	844211	67.53	ng	0.00
42) 2,4,6-Tribromophenol	16.398	330	516257	109.17	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	1803562	66.69	ng	0.00
79) Terphenyl-d14	20.139	244	2049884	59.79	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.493	94	30777	2.35	ng	# 67
31) Naphthalene	11.181	128	135499	4.12	ng	99
37) 2-Methylnaphthalene	12.769	142	65869	2.80	ng	98
38) 1-Methylnaphthalene	12.981	142	68001	3.03	ng	99
49) Acenaphthylene	14.640	152	80293	2.27	ng	# 95
50) Dimethylphthalate	14.340	163	289906	9.81	ng	99
52) Acenaphthene	14.981	154	336364	14.28	ng	97
55) Dibenzofuran	15.310	168	242122	6.92	ng	# 98
58) Fluorene	15.951	166	539175	19.24	ng	98
71) Phenanthrene	17.692	178	6558829	153.73	ng	99
72) Anthracene	17.775	178	2163795	52.51	ng	99
73) Carbazole	18.028	167	436654	11.42	ng	98
75) Fluoranthene	19.628	202	8860198	179.98	ng	96
78) Pyrene	19.975	202	7902688	175.81	ng	99
81) Benzo(a)anthracene	21.657	228	4329778	99.12	ng	98
83) Chrysene	21.716	228	3847484	91.67	ng	97
87) Indeno(1,2,3-cd)pyrene	26.715	276	2297114	44.53	ng	# 94
88) Benzo(b)fluoranthene	23.404	252	4694949m	100.32	ng	
89) Benzo(k)fluoranthene	23.439	252	1496106m	32.38	ng	
90) Benzo(a)pyrene	24.051	252	3647060	84.18	ng	97
91) Dibenzo(a,h)anthracene	26.704	278	610608	14.20	ng	97
92) Benzo(g,h,i)perylene	27.509	276	2248922	54.03	ng	97

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

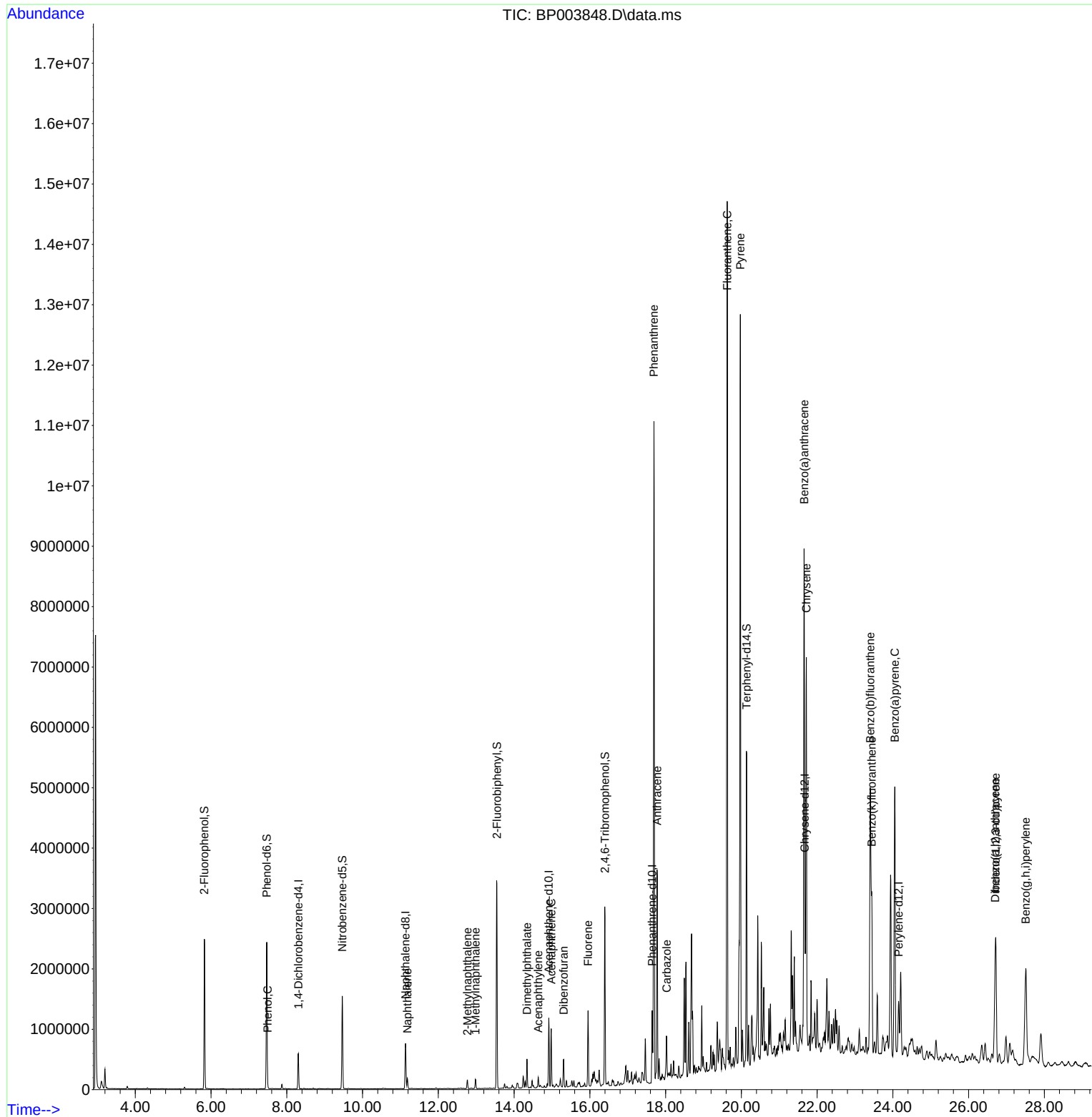
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110620\
Data File : BP003848.D
Acq On : 06 Nov 2020 19:40
Operator : CG/JU
Sample : L4656-08
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ALS Vial : 17 Sample Multiplier: 1

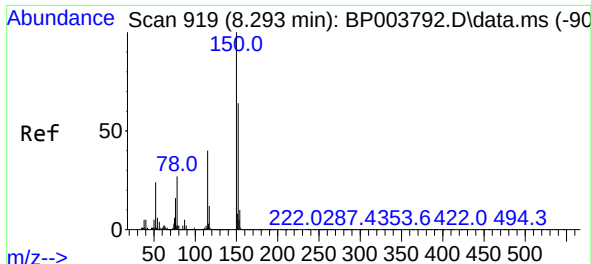
Instrument :
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ClientSampleId :
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Quant Time: Nov 06 23:34:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 11:33:14 2020
Response via : Initial Calibration





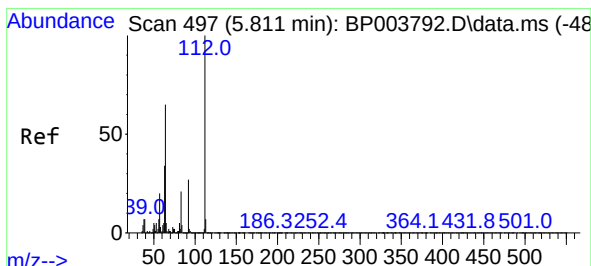
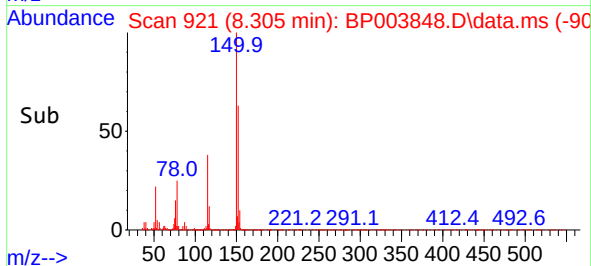
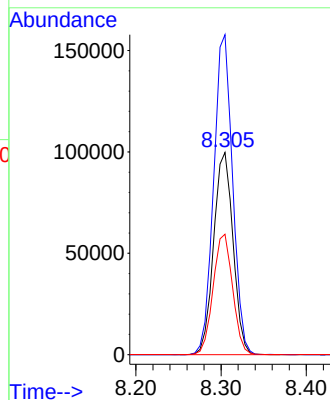
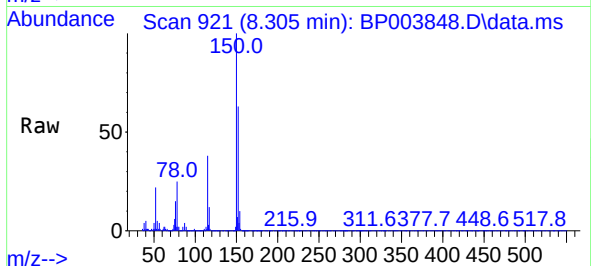
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.305 min Scan# 921
Delta R.T. -0.000 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

Tgt Ion:152 Resp: 157638
Ion Ratio Lower Upper
152 100
150 158.2 123.8 185.6
115 59.6 43.8 65.6

Instrument :
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ClientSampleId :
SR-L14-L13-SOUTH

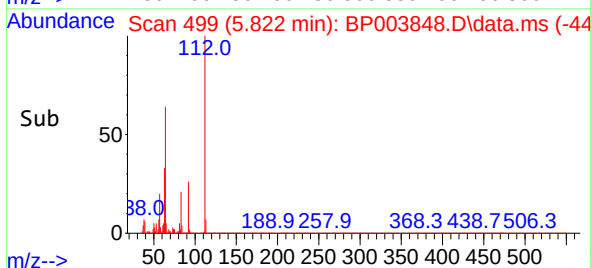
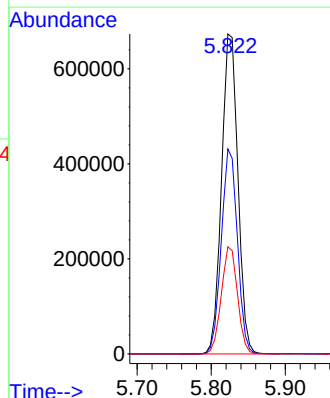
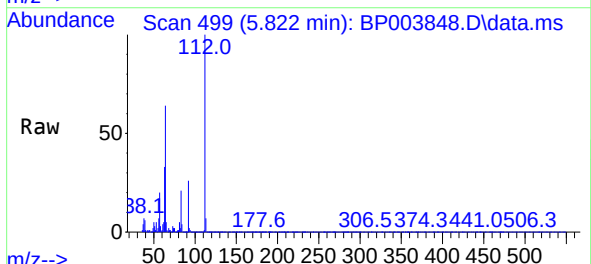
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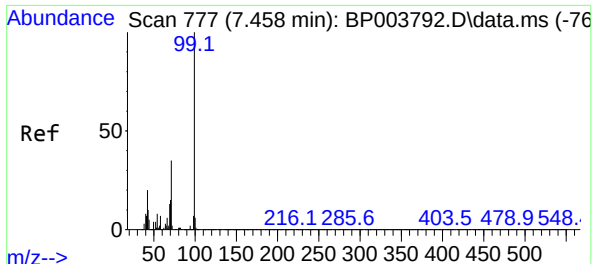
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#5
2-Fluorophenol
Concen: 109.37 ng
RT: 5.822 min Scan# 499
Delta R.T. 0.000 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

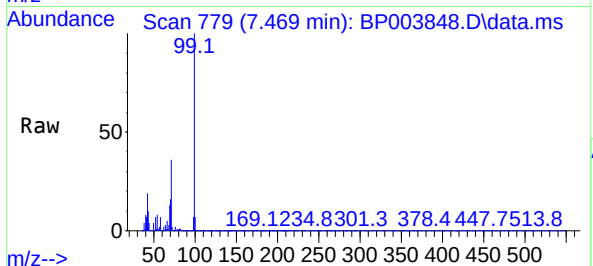
Tgt Ion:112 Resp: 1033033
Ion Ratio Lower Upper
112 100
64 64.1 32.8 49.2#
63 33.5 17.0 25.4#





#7
Phenol-d6
Concen: 99.09 ng
RT: 7.469 min Scan# 779
Delta R.T. 0.000 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

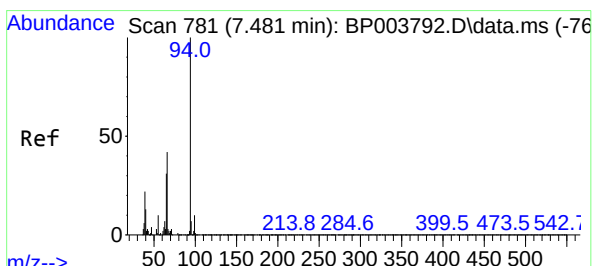
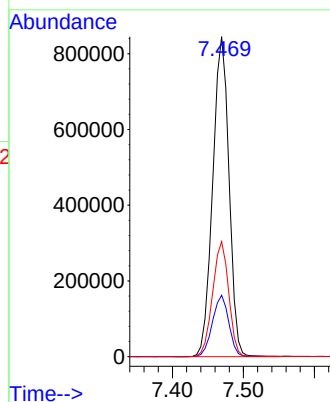
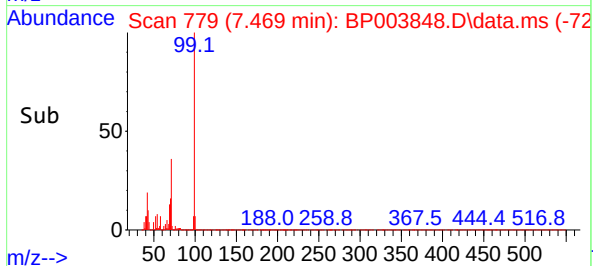
Instrument :
BNA_P
ClientSampleId :
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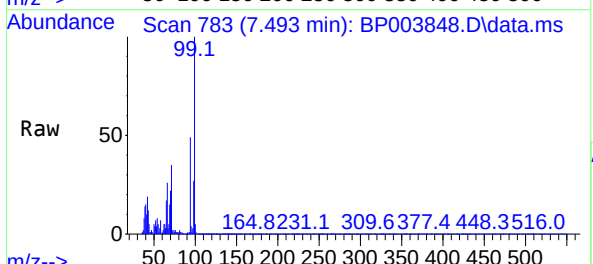
Tgt Ion: 99 Resp: 1343559
Ion Ratio Lower Upper
99 100
42 19.2 8.6 13.0#
71 35.9 23.4 35.2#

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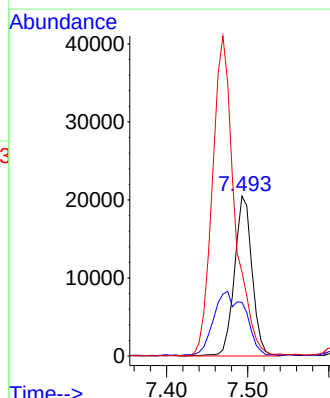
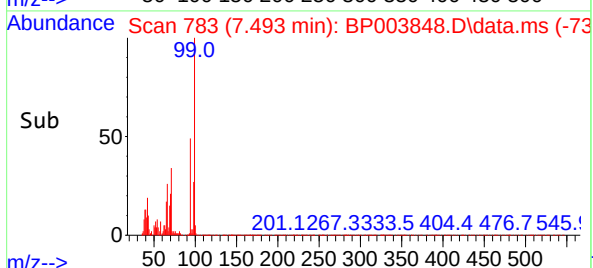
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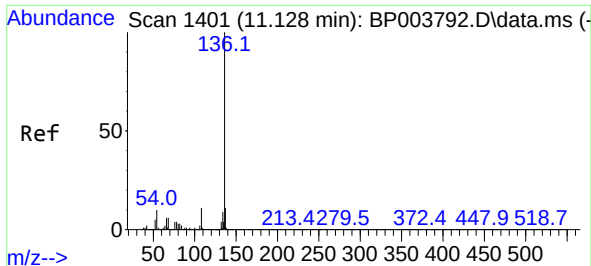


#10
Phenol
Concen: 2.35 ng
RT: 7.493 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40



Tgt Ion: 94 Resp: 30777
Ion Ratio Lower Upper
94 100
65 33.5 2.3 42.3
66 52.5 10.9 50.9#





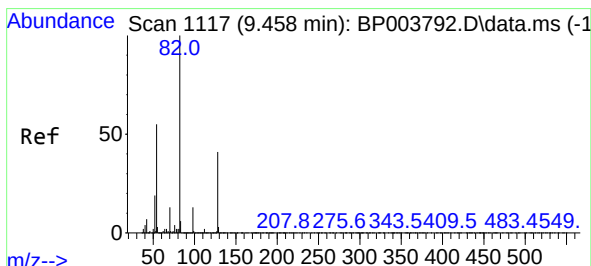
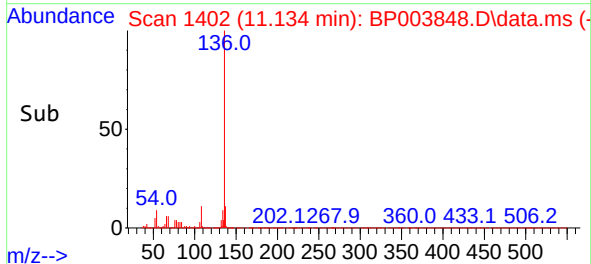
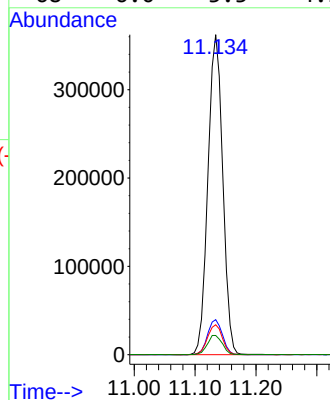
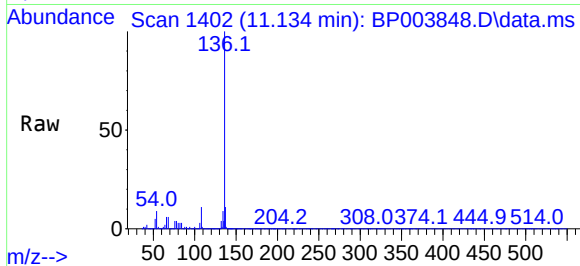
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.134 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

Tgt Ion:	136	Resp:	612294
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	9.4	3.6	5.4#
68	6.0	3.3	4.9#

Instrument :
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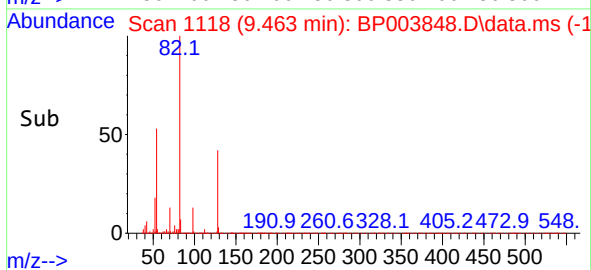
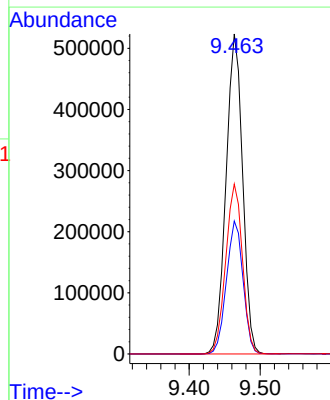
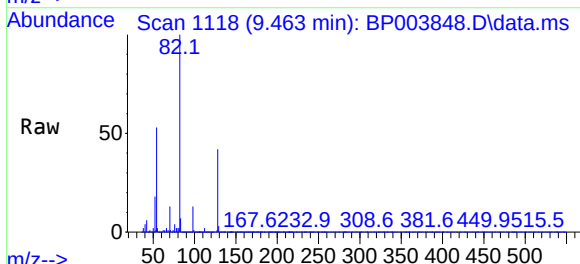
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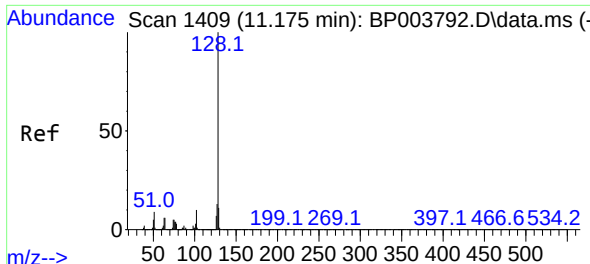
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#23
Nitrobenzene-d5
Concen: 67.53 ng
RT: 9.463 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

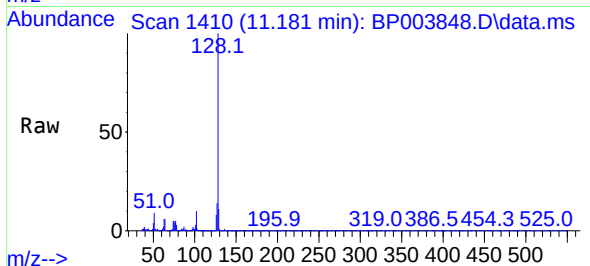
Tgt Ion:	82	Resp:	844211
Ion Ratio	Lower	Upper	
82	100		
128	41.6	45.6	68.4#
54	53.1	30.1	45.1#





#31
Naphthalene
Concen: 4.12 ng
RT: 11.181 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

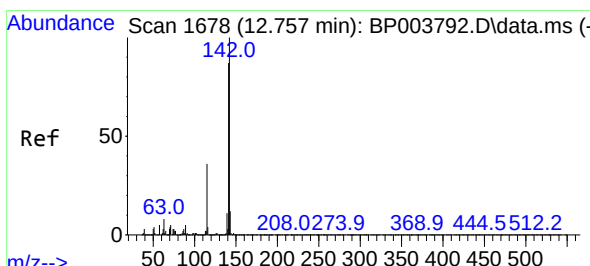
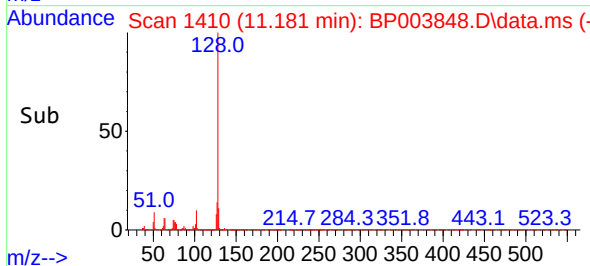
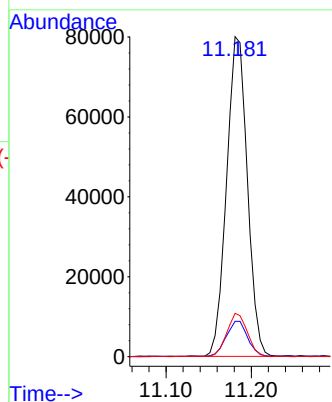
Instrument :
BNA_P
ClientSampleId :
SR-L14-L13-SOUTH



Tgt Ion:128 Resp: 135499
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.6 10.6 15.8

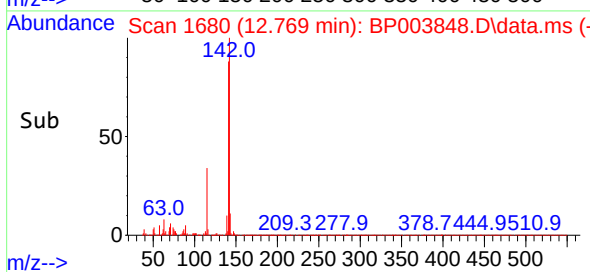
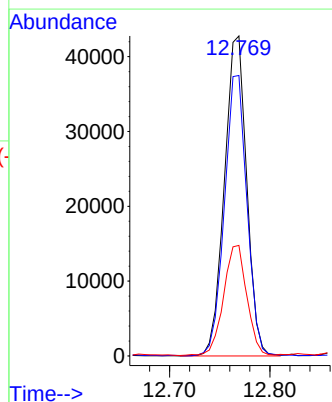
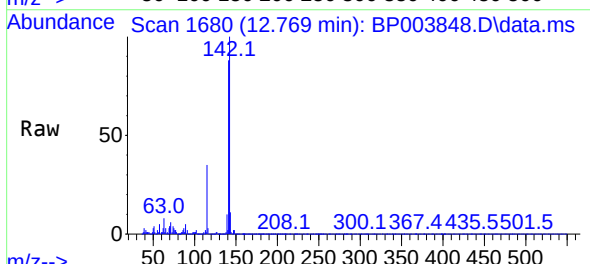
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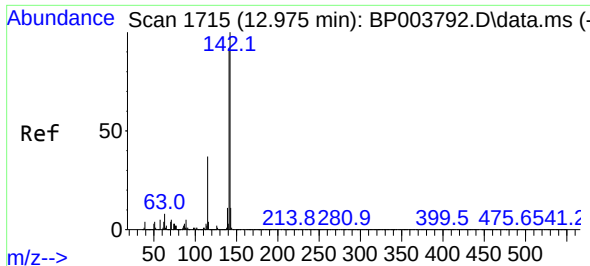
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#37
2-Methylnaphthalene
Concen: 2.80 ng
RT: 12.769 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

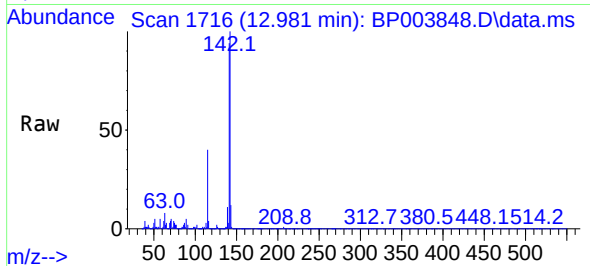
Tgt Ion:142 Resp: 65869
Ion Ratio Lower Upper
142 100
141 87.7 71.4 107.2
115 34.6 25.8 38.6





#38
1-Methylnaphthalene
Concen: 3.03 ng
RT: 12.981 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

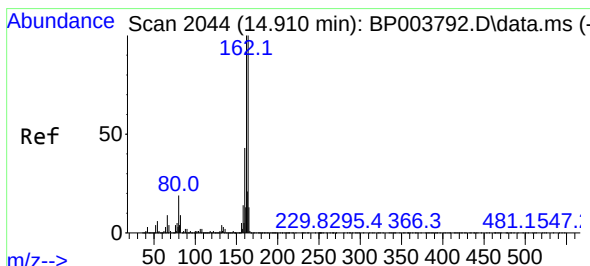
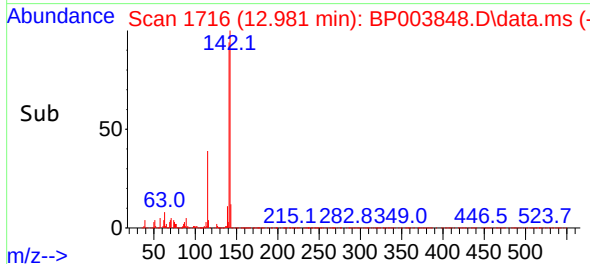
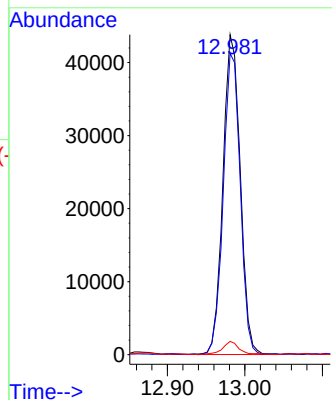
Instrument :
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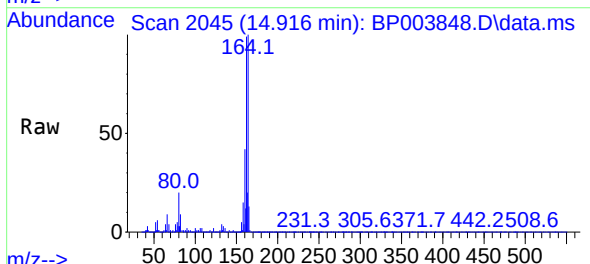
Tgt Ion:142 Resp: 68001
Ion Ratio Lower Upper
142 100
141 94.2 74.4 111.6
116 4.1 2.9 4.3

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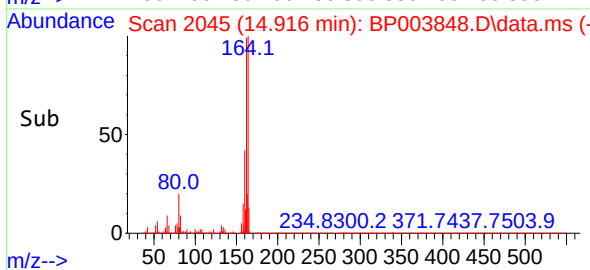
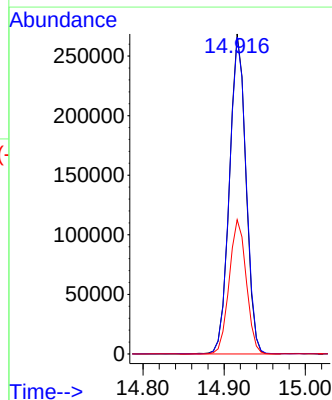
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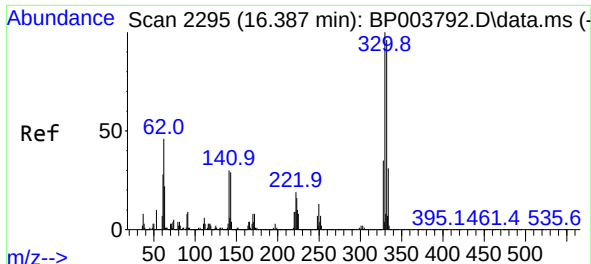


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.916 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40



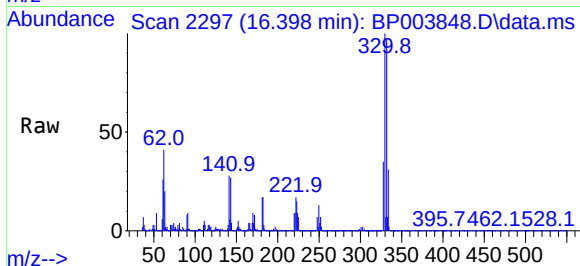
Tgt Ion:164 Resp: 378081
Ion Ratio Lower Upper
164 100
162 99.0 79.4 119.2
160 41.9 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 109.17 ng
RT: 16.398 min Scan# 2297
Delta R.T. 0.000 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

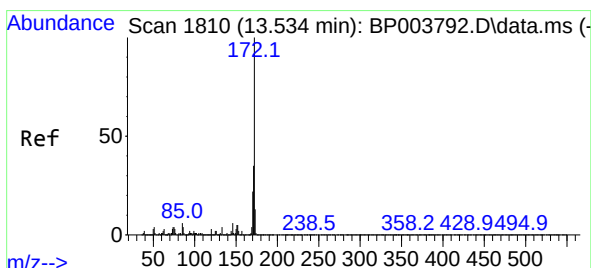
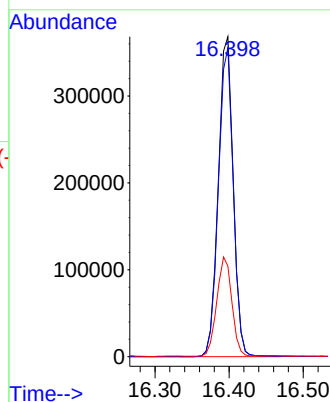
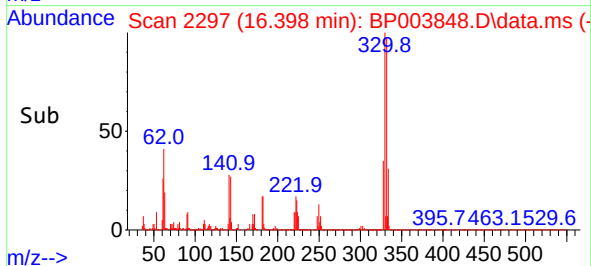
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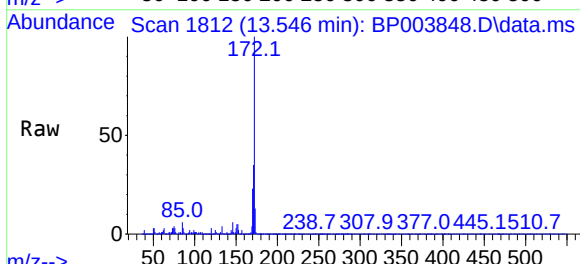
Tgt Ion:330 Resp: 516257
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 31.2 23.4 35.2

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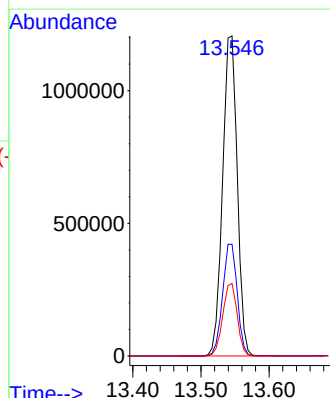
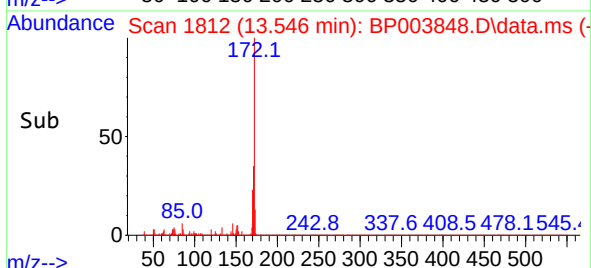
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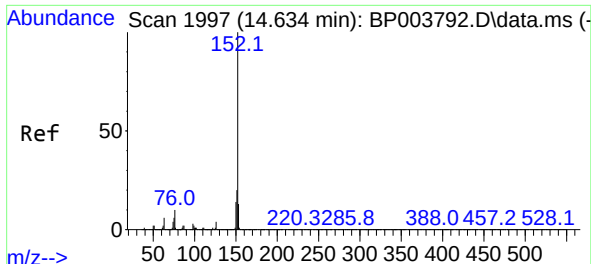


#45
2-Fluorobiphenyl
Concen: 66.69 ng
RT: 13.546 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40



Tgt Ion:172 Resp: 1803562
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 22.7 19.2 28.8





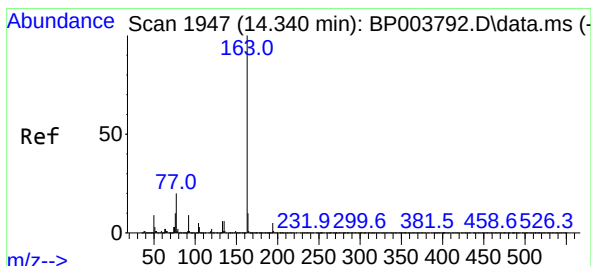
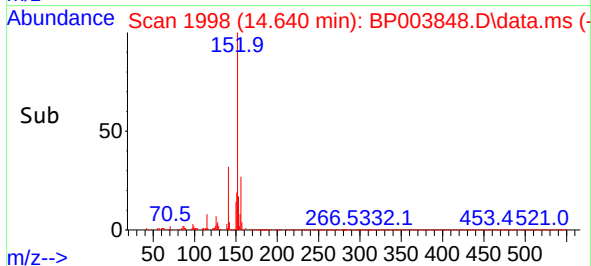
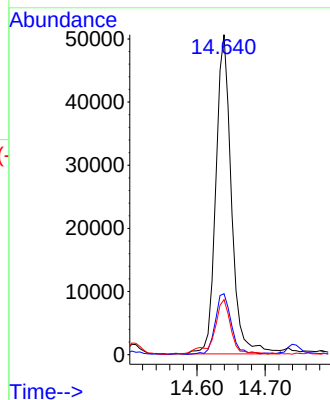
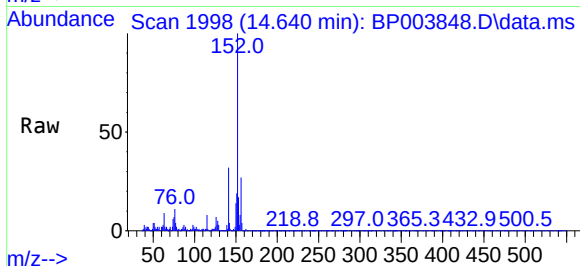
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Acenaphthylene
Concen: 2.27 ng
RT: 14.640 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

Tgt Ion:152 Resp: 80293
Ion Ratio Lower Upper
152 100
151 19.0 15.9 23.9
153 17.2 10.5 15.7#

Instrument :
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SR-L14-L13-SOUTH

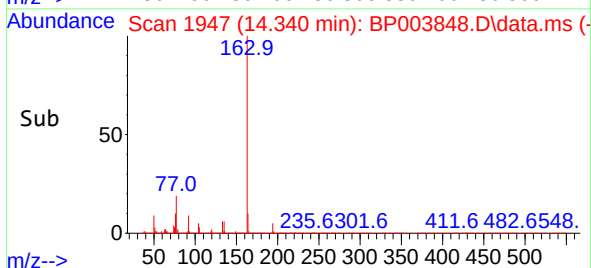
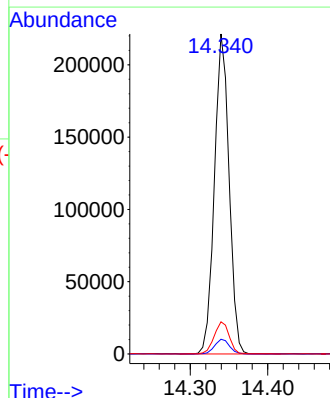
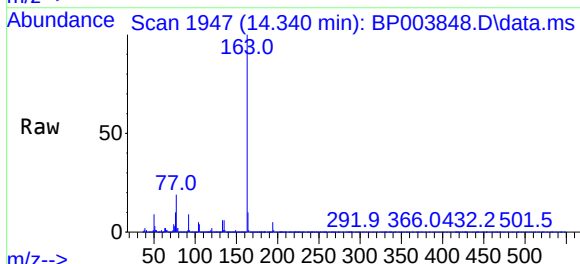
Manual Integrations
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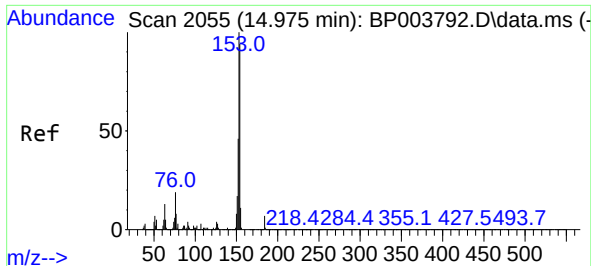
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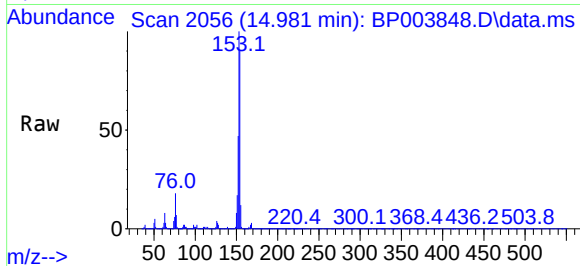
#50
Dimethylphthalate
Concen: 9.81 ng
RT: 14.340 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

Tgt Ion:163 Resp: 289906
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 10.0 8.2 12.2

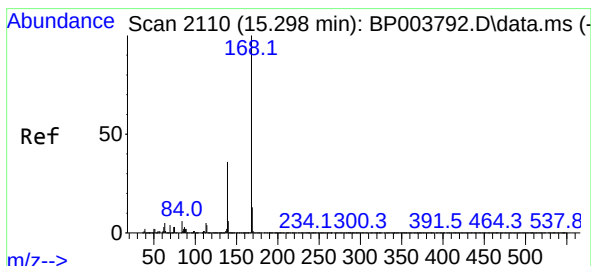
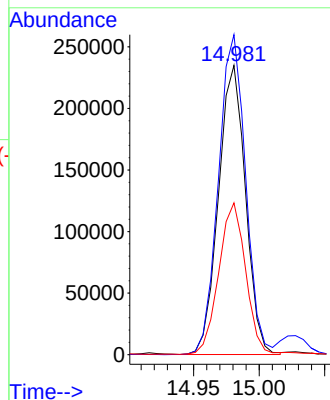
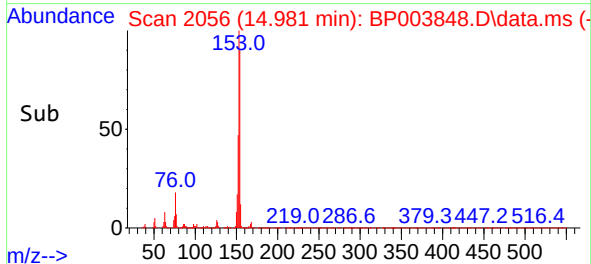




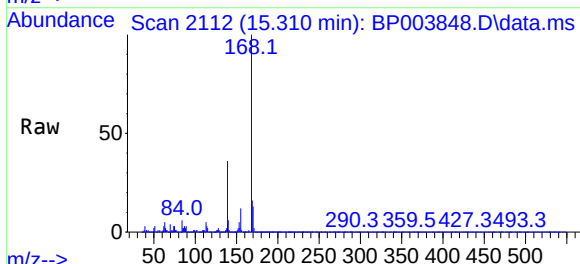
#52
Acenaphthene
Concen: 14.28 ng
RT: 14.981 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40



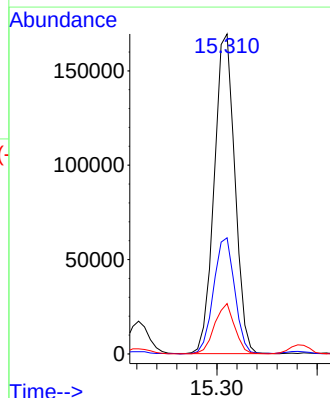
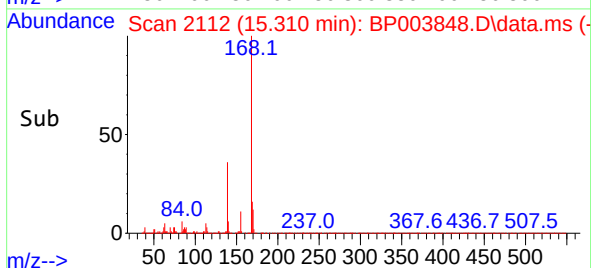
Tgt Ion:154 Resp: 336364
Ion Ratio Lower Upper
154 100
153 110.6 91.0 136.6
152 52.5 43.0 64.6



#55
Dibenzofuran
Concen: 6.92 ng
RT: 15.310 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40



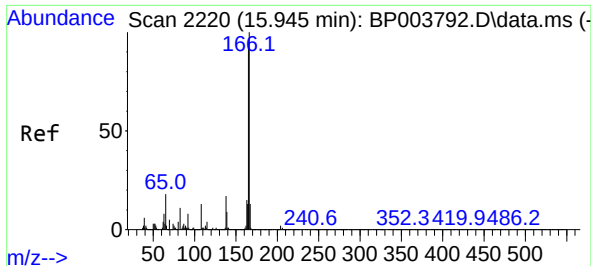
Tgt Ion:168 Resp: 242122
Ion Ratio Lower Upper
168 100
139 36.3 29.1 43.7
169 15.7 10.4 15.6#



Instrument :
BNA_P
ClientSampleId :
SR-L14-L13-SOUTH

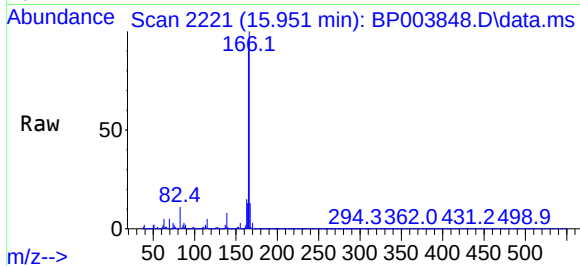
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#58
Fluorene
Concen: 19.24 ng
RT: 15.951 min Scan# 2221
Delta R.T. -0.006 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

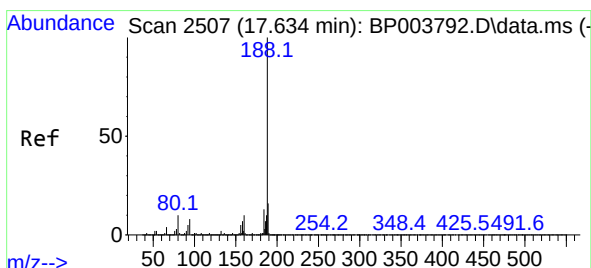
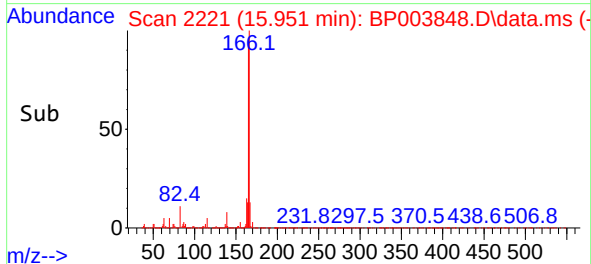
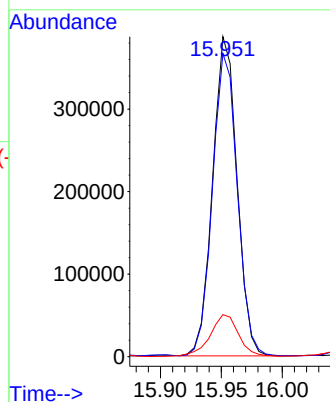
Instrument :
BNA_P
ClientSampleId :
SR-L14-L13-SOUTH



Tgt Ion:166 Resp: 539175
Ion Ratio Lower Upper
166 100
165 94.8 77.8 116.8
167 13.2 11.0 16.4

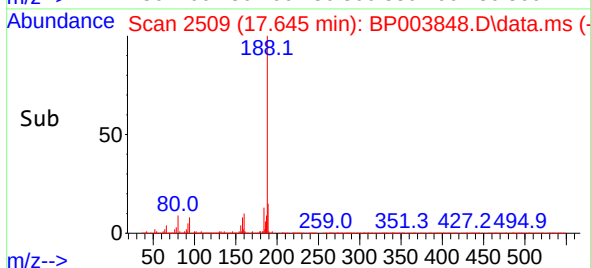
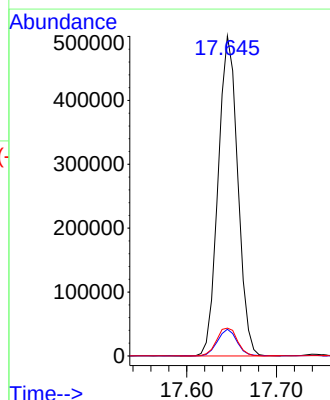
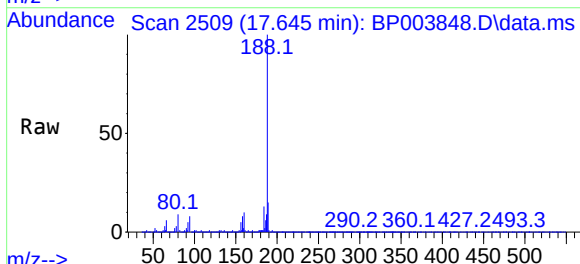
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APPROVED

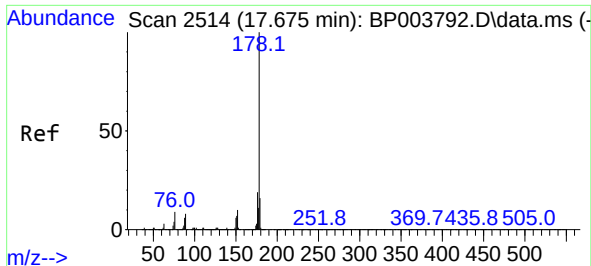
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.645 min Scan# 2509
Delta R.T. 0.000 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

Tgt Ion:188 Resp: 760200
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 8.7 6.2 9.2





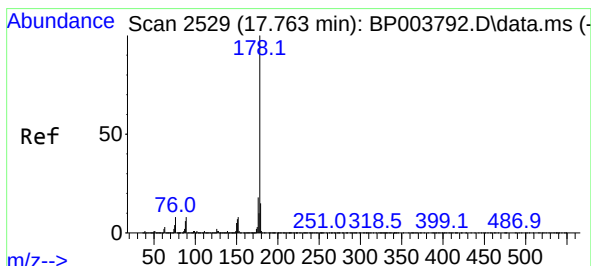
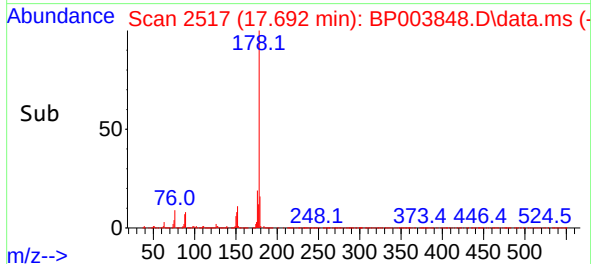
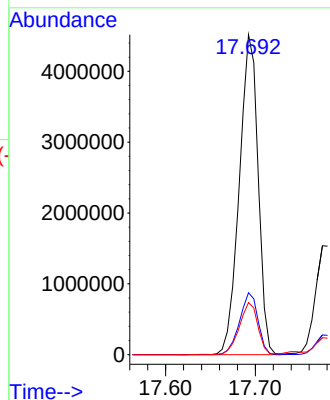
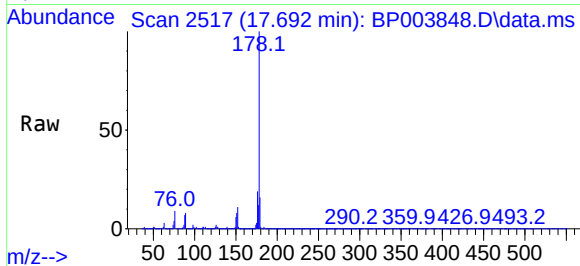
#71
Phenanthrene
Concen: 153.73 ng
RT: 17.692 min Scan# 2517
Delta R.T. 0.006 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

Tgt Ion:178 Resp: 6558829
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 16.3 12.5 18.7

Instrument :
BNA_P
ClientSampleId :
SR-L14-L13-SOUTH

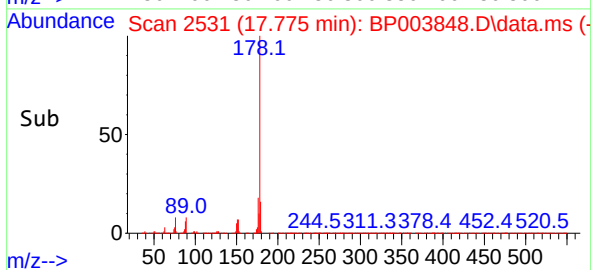
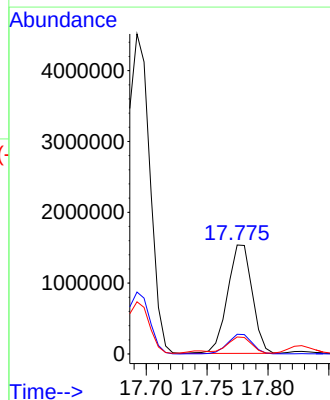
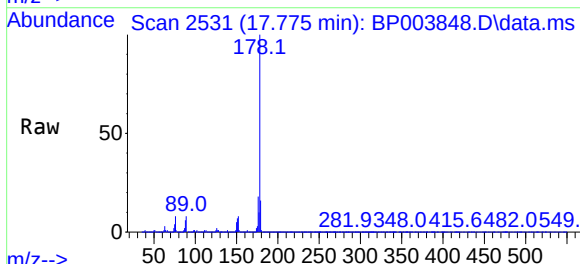
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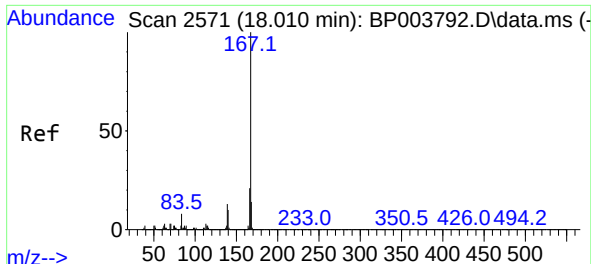
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#72
Anthracene
Concen: 52.51 ng
RT: 17.775 min Scan# 2531
Delta R.T. 0.000 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

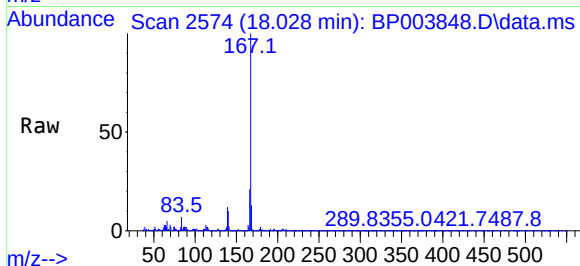
Tgt Ion:178 Resp: 2163795
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.4
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 11.42 ng
 RT: 18.028 min Scan# 2574
 Delta R.T. 0.000 min
 Lab File: BP003848.D
 Acq: 06 Nov 2020 19:40

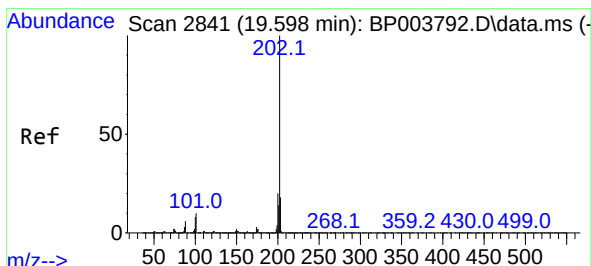
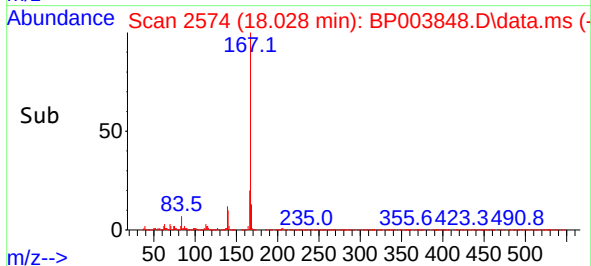
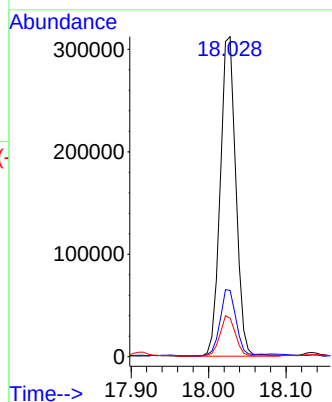
Instrument :
 BNA_P
 ClientSampleId :
 SR-L14-L13-SOUTH



Tgt Ion:167 Resp: 436654
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.6 26.4
 139 12.0 10.2 15.4

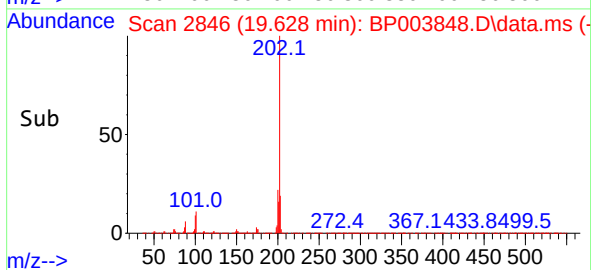
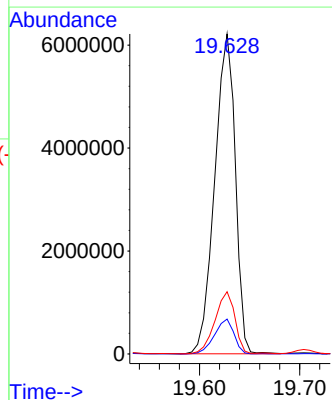
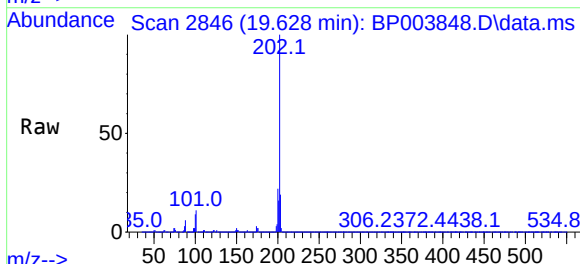
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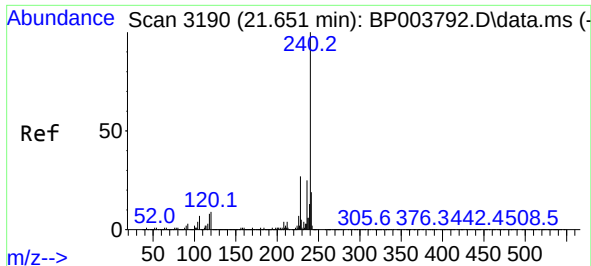
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#75
 Fluoranthene
 Concen: 179.98 ng
 RT: 19.628 min Scan# 2846
 Delta R.T. 0.012 min
 Lab File: BP003848.D
 Acq: 06 Nov 2020 19:40

Tgt Ion:202 Resp: 8860198
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 29.4
 203 19.5 0.0 37.8





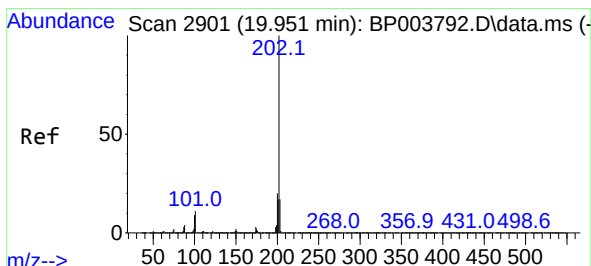
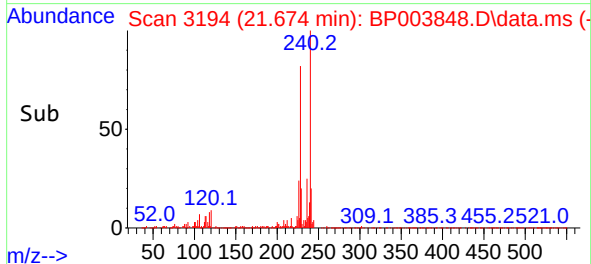
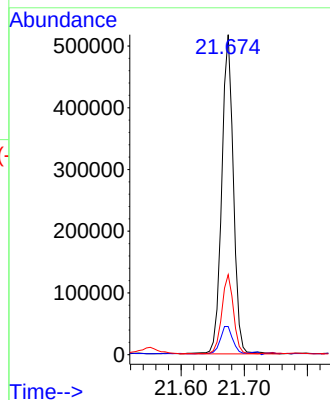
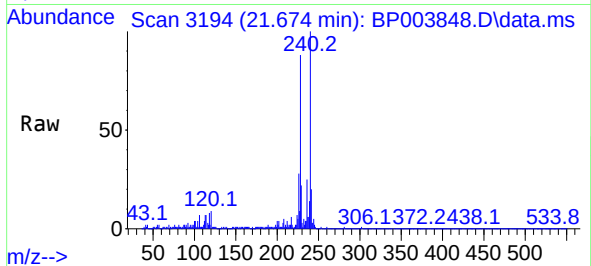
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.674 min Scan# 3194
Delta R.T. 0.006 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

Tgt Ion:240 Resp: 662400
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.6
236 25.0 20.8 31.2

Instrument :
BNA_P
ClientSampleId :
SR-L14-L13-SOUTH

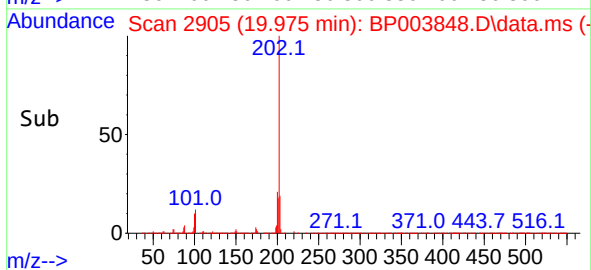
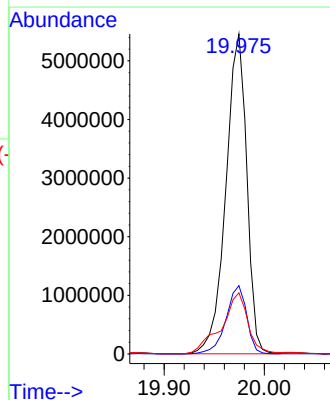
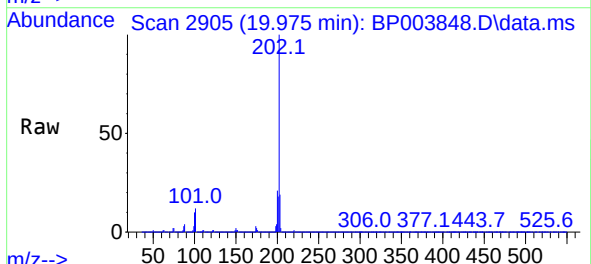
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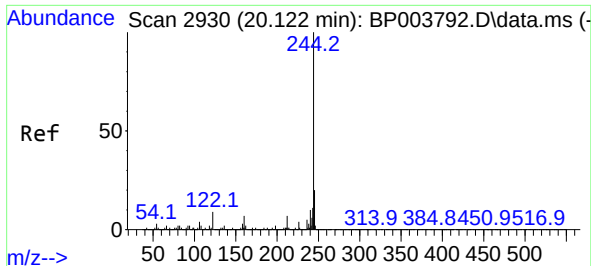
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#78
Pyrene
Concen: 175.81 ng
RT: 19.975 min Scan# 2905
Delta R.T. 0.012 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

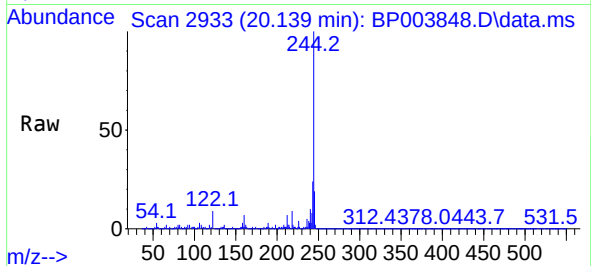
Tgt Ion:202 Resp: 7902688
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 19.1 14.2 21.2





#79
Terphenyl-d14
Concen: 59.79 ng
RT: 20.139 min Scan# 2933
Delta R.T. 0.006 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

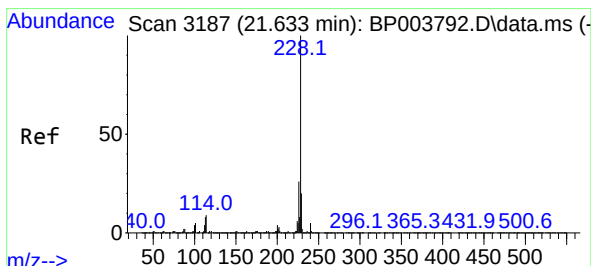
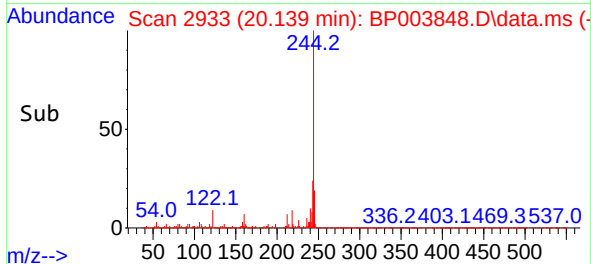
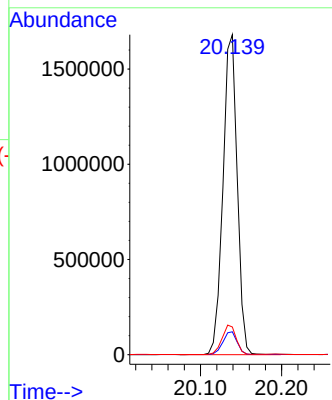
Instrument :
BNA_P
ClientSampleId :
SR-L14-L13-SOUTH



Tgt Ion:244 Resp: 2049884
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 8.6 7.8 11.8

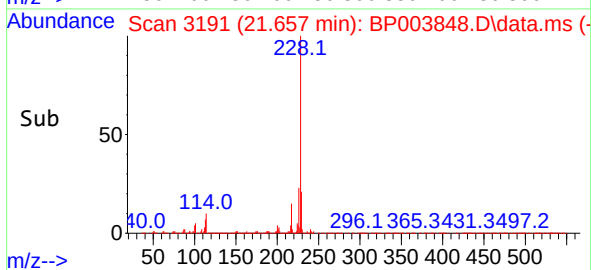
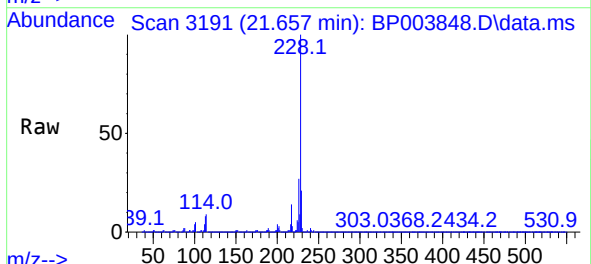
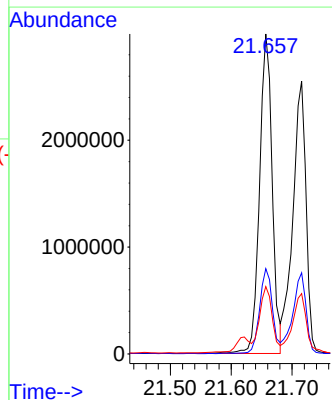
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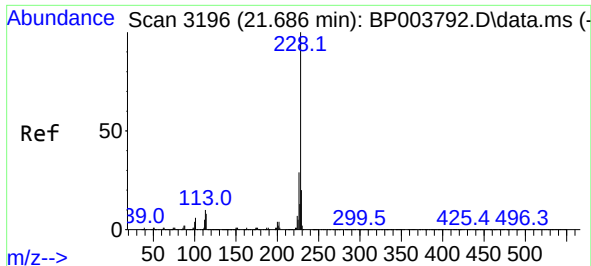
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#81
Benzo(a)anthracene
Concen: 99.12 ng
RT: 21.657 min Scan# 3191
Delta R.T. 0.006 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

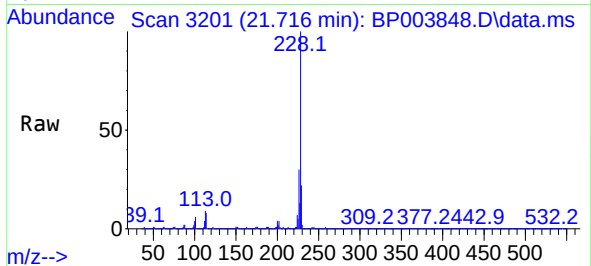
Tgt Ion:228 Resp: 4329778
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 21.0 15.9 23.9





#83
Chrysene
Concen: 91.67 ng
RT: 21.716 min Scan# 3201
Delta R.T. 0.012 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

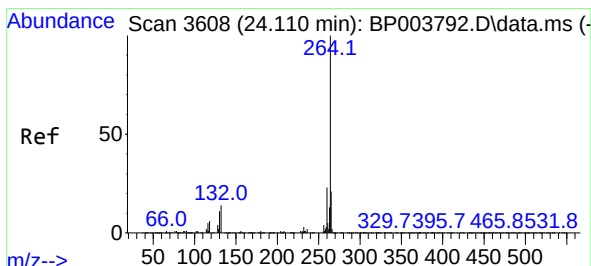
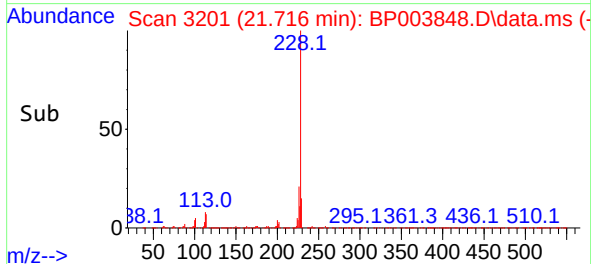
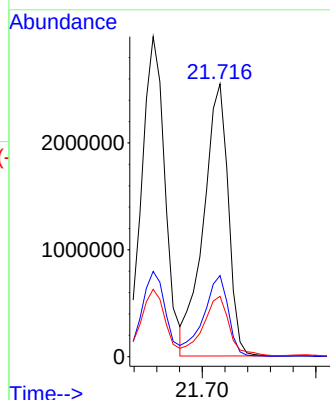
Instrument :
BNA_P
ClientSampleId :
SR-L14-L13-SOUTH



Tgt Ion:228 Resp: 3847484
Ion Ratio Lower Upper
228 100
226 29.7 24.4 36.6
229 22.1 15.8 23.6

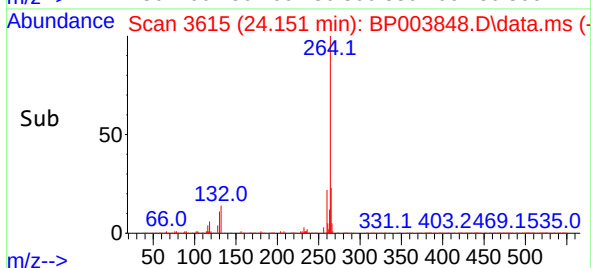
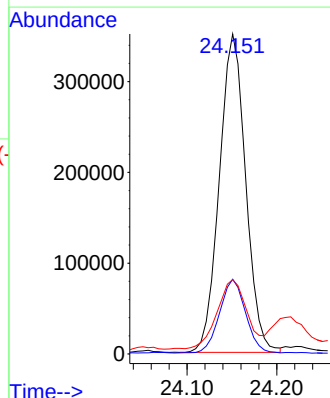
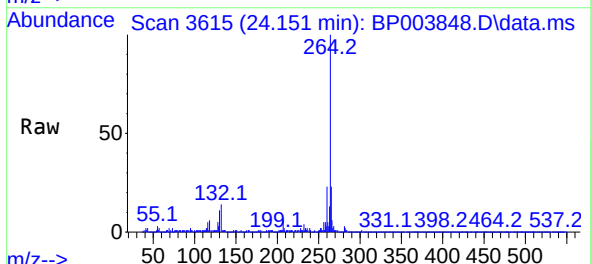
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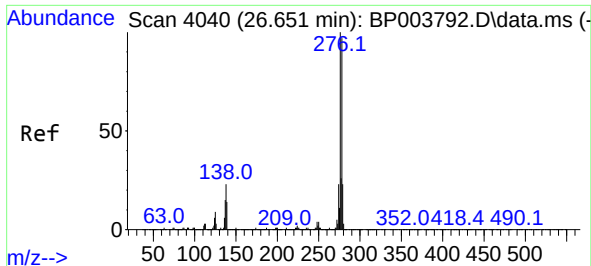
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.151 min Scan# 3615
Delta R.T. 0.006 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

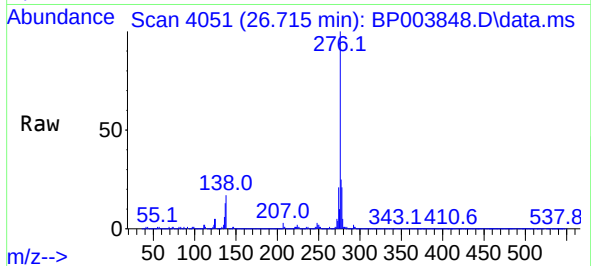
Tgt Ion:264 Resp: 715166
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 23.2 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.53 ng
RT: 26.715 min Scan# 4051
Delta R.T. 0.012 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

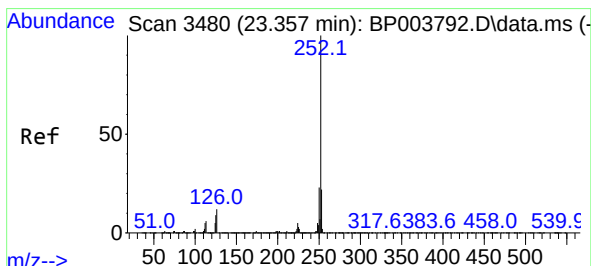
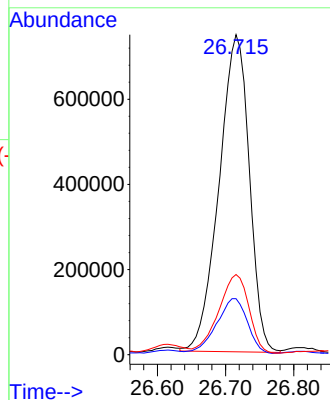
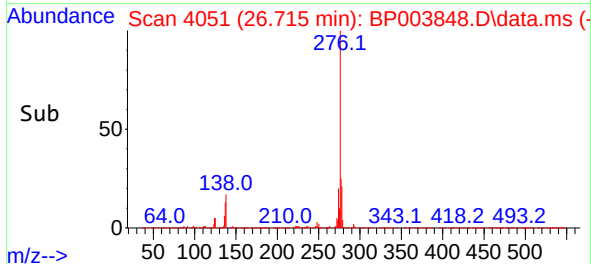
Instrument :
BNA_P
ClientSampleId :
SR-L14-L13-SOUTH



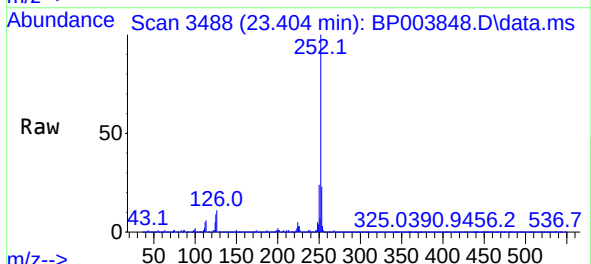
Tgt Ion: 276 Resp: 2297114
Ion Ratio Lower Upper
276 100
138 17.8 18.7 28.1#
277 24.9 20.4 30.6

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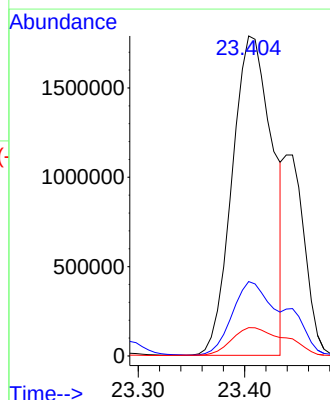
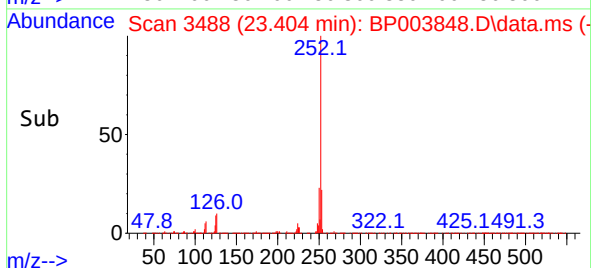
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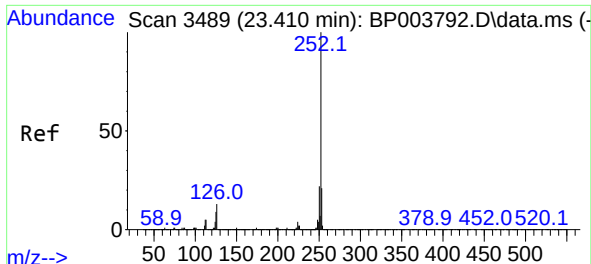


#88
Benzo(b)fluoranthene
Concen: 100.32 ng m
RT: 23.404 min Scan# 3488
Delta R.T. 0.012 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40



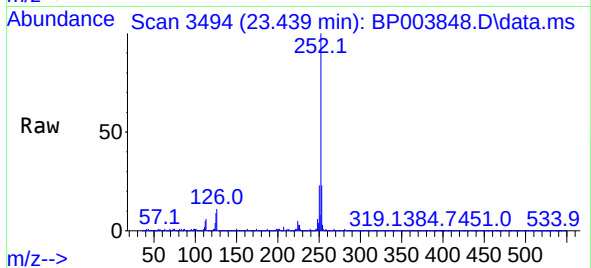
Tgt Ion: 252 Resp: 4694949
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 8.8 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 32.38 ng m
RT: 23.439 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

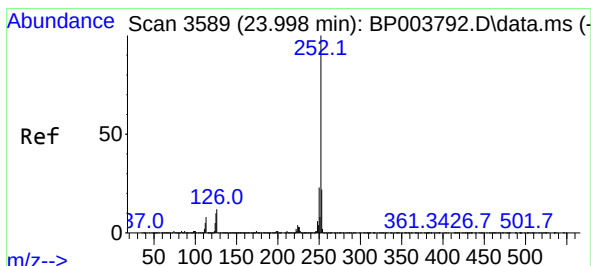
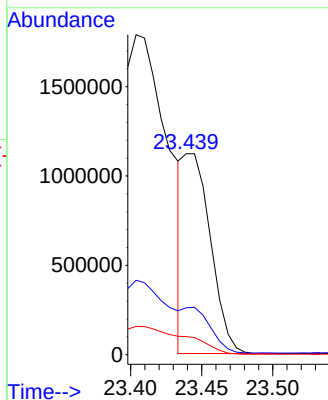
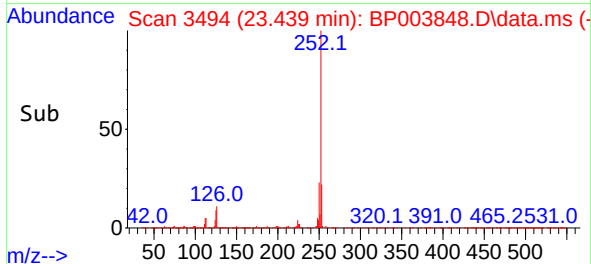
Instrument :
BNA_P
ClientSampleId :
SR-L14-L13-SOUTH



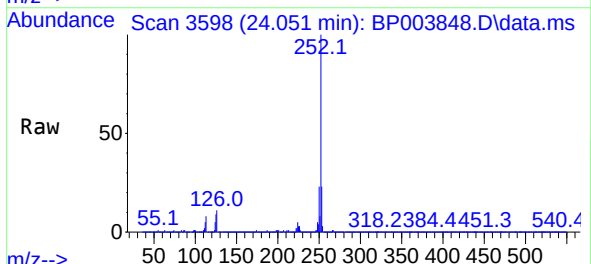
Tgt Ion:252 Resp: 1496106
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 9.0 7.4 11.2

Manual Integrations
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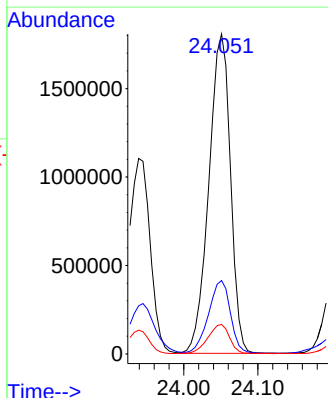
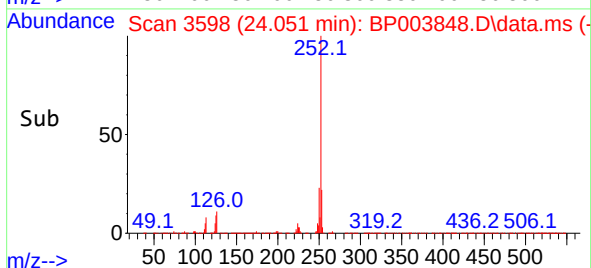
mohammad
11/10/2020 11:59:28 AM

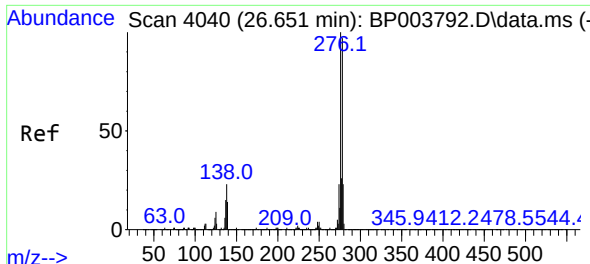


#90
Benzo(a)pyrene
Concen: 84.18 ng
RT: 24.051 min Scan# 3598
Delta R.T. 0.018 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40



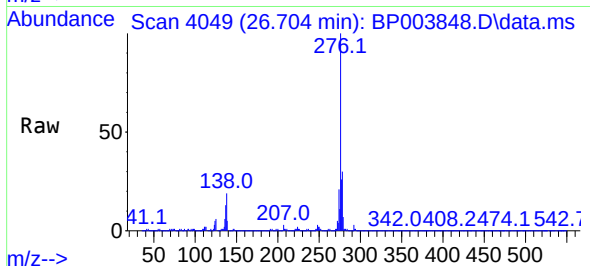
Tgt Ion:252 Resp: 3647060
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 9.2 8.2 12.4





#91
Dibenzo(a,h)anthracene
Concen: 14.20 ng
RT: 26.704 min Scan# 4049
Delta R.T. 0.000 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40

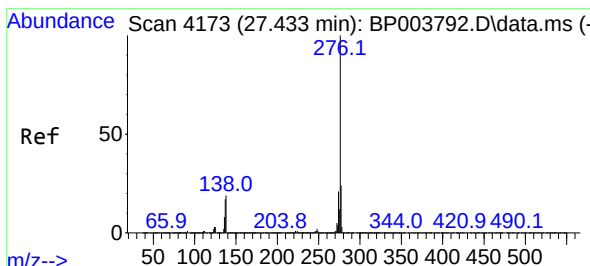
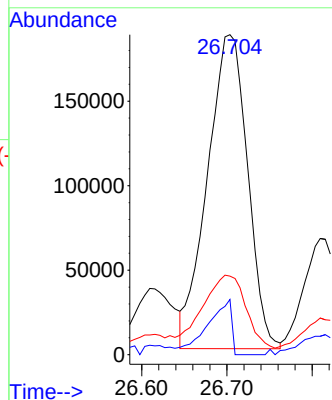
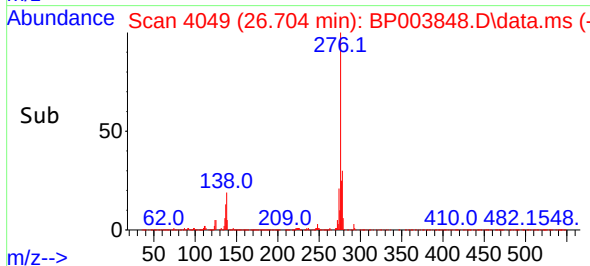
Instrument :
BNA_P
ClientSampleId :
SR-L14-L13-SOUTH



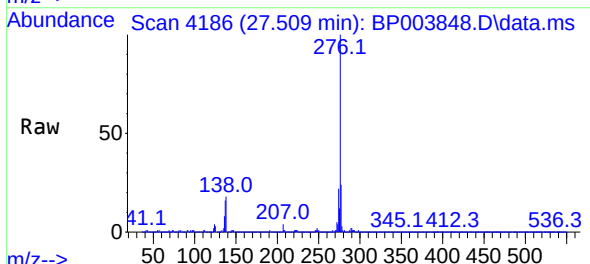
Tgt Ion:278 Resp: 610608
Ion Ratio Lower Upper
278 100
139 17.2 12.4 18.6
279 24.5 19.0 28.6

Manual Integrations
APPROVED

mohammad
11/10/2020 11:59:28 AM



#92
Benzo(g,h,i)perylene
Concen: 54.03 ng
RT: 27.509 min Scan# 4186
Delta R.T. 0.018 min
Lab File: BP003848.D
Acq: 06 Nov 2020 19:40



Tgt Ion:276 Resp: 2248922
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.6
138 18.5 16.6 24.8

