

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
 Data File : BP004065.D
 Acq On : 23 Nov 2020 20:46
 Operator : CG/JU
 Sample : L4858-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PHC-340EM-012

Manual Integrations
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Quant Time: Nov 24 06:24:10 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 16:42:41 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.263	152	117155	20.00	ng	0.00
21) Naphthalene-d8	11.098	136	449238	20.00	ng	# 0.00
39) Acenaphthene-d10	14.886	164	275222	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	548512	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	490300	20.00	ng	0.00
86) Perylene-d12	24.133	264	527017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	794090	113.13	ng	0.00
7) Phenol-d6	7.451	99	1007486	99.98	ng	0.00
23) Nitrobenzene-d5	9.428	82	631381	68.83	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	358386	104.11	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	1336629	67.90	ng	0.00
79) Terphenyl-d14	20.121	244	1519088	59.86	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.481	94	113632	11.69	ng	81
20) 3+4-Methylphenols	9.069	107	86415	10.14	ng	96
27) 2,4-Dimethylphenol	10.275	122	89079m	15.00	ng	
50) Dimethylphthalate	14.310	163	69472	3.23	ng	# 99
71) Phenanthrene	17.663	178	162611	5.28	ng	99
75) Fluoranthene	19.598	202	249574	7.03	ng	97
78) Pyrene	19.951	202	241201	7.25	ng	99
81) Benzo(a)anthracene	21.639	228	103959	3.22	ng	# 96
83) Chrysene	21.698	228	124961	4.02	ng	# 95
88) Benzo(b)fluoranthene	23.380	252	153623m	4.45	ng	
90) Benzo(a)pyrene	24.021	252	98655	3.09	ng	# 89
92) Benzo(g,h,i)perylene	27.474	276	79337	2.59	ng	95

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

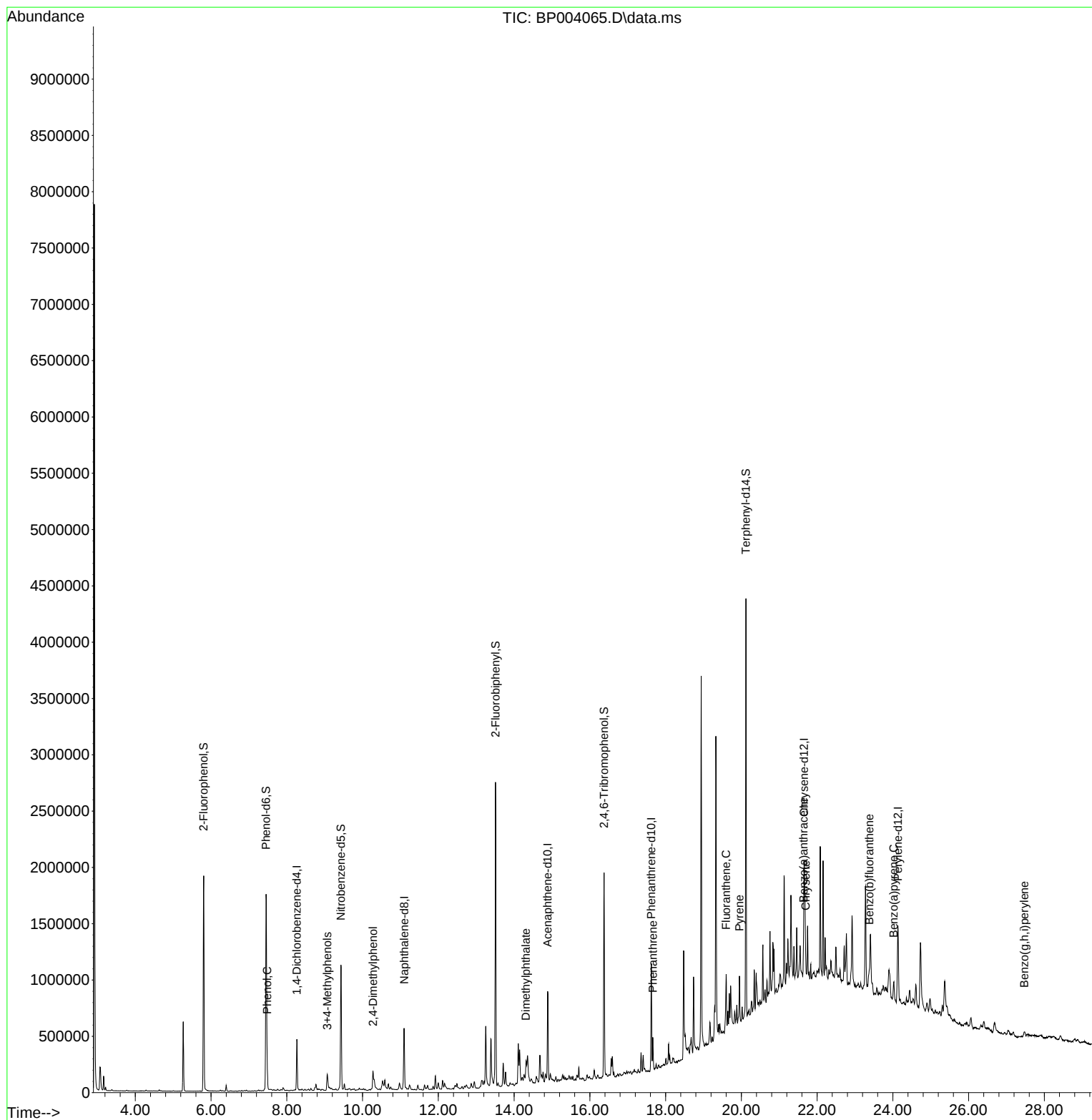
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
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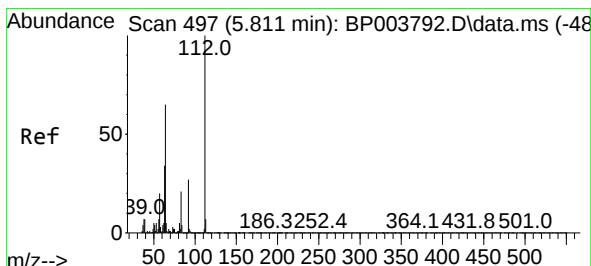
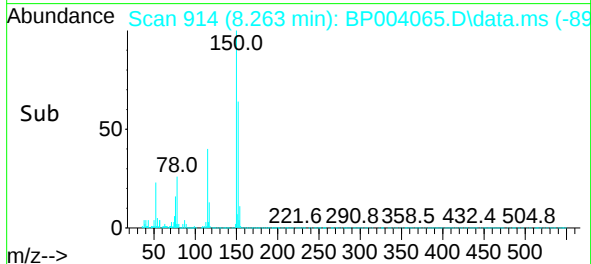
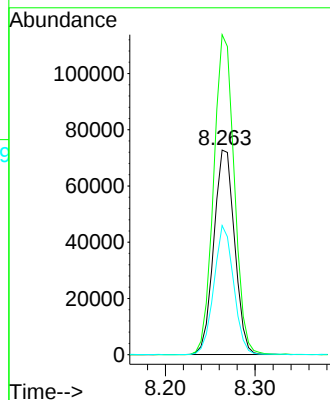
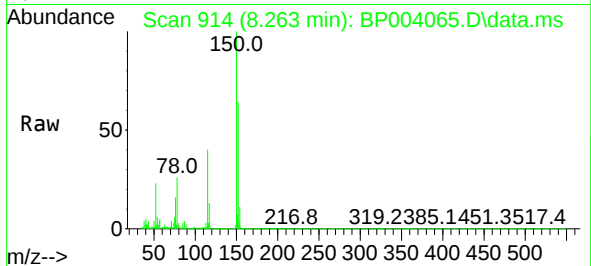
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.263 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

Tgt Ion:152 Resp: 117155
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 63.1 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

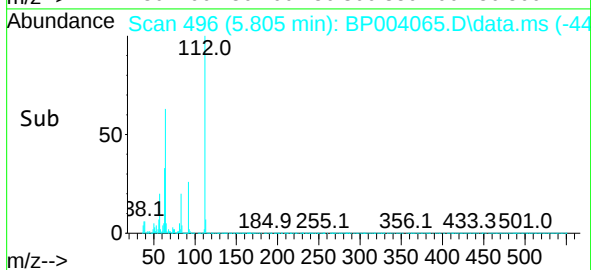
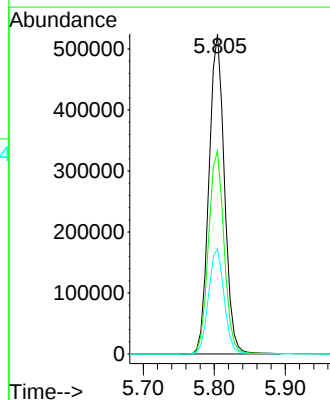
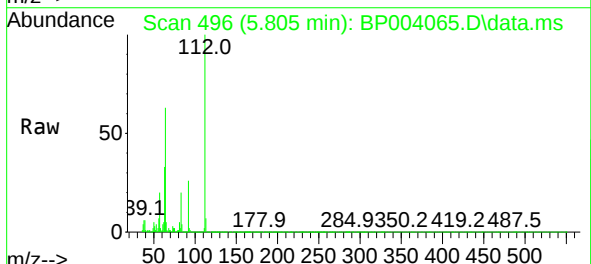
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#5
2-Fluorophenol
Concen: 113.13 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

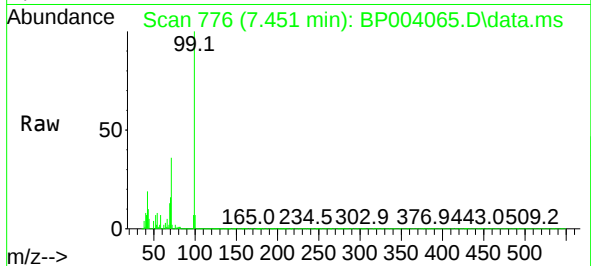
Tgt Ion:112 Resp: 794090
Ion Ratio Lower Upper
112 100
64 63.4 32.8 49.2#
63 32.9 17.0 25.4#





#7
Phenol-d6
Concen: 99.98 ng
RT: 7.451 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

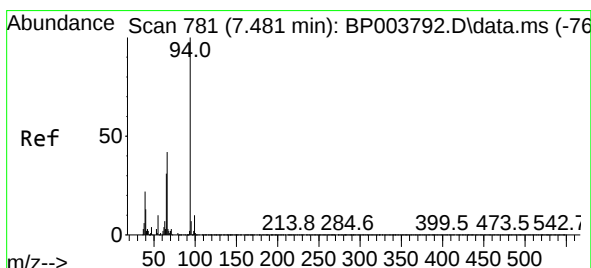
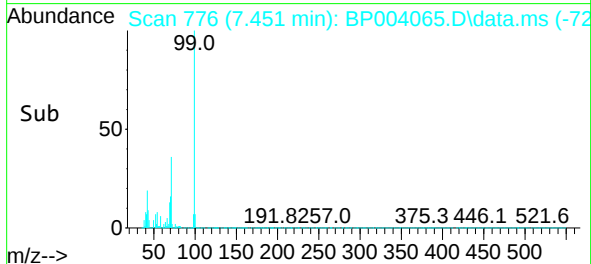
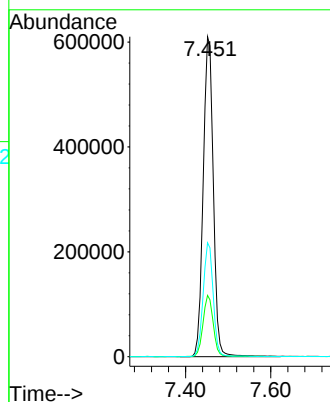
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012



Tgt Ion: 99 Resp: 1007486
Ion Ratio Lower Upper
99 100
42 19.2 8.6 13.0#
71 35.6 23.4 35.2#

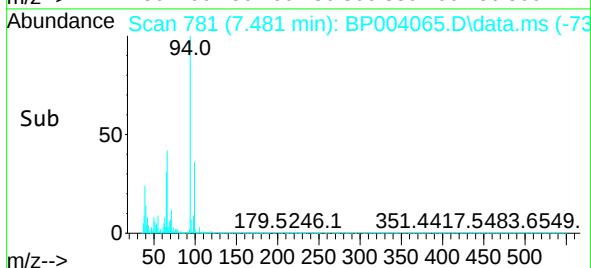
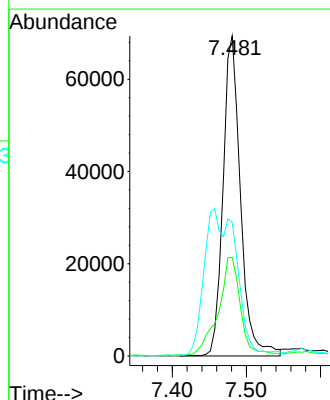
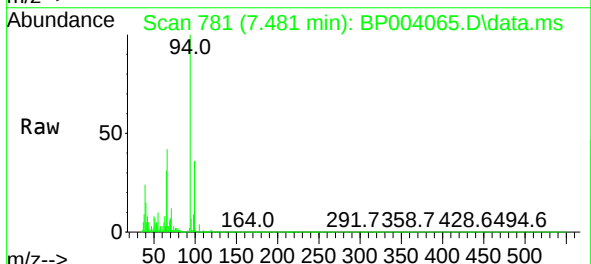
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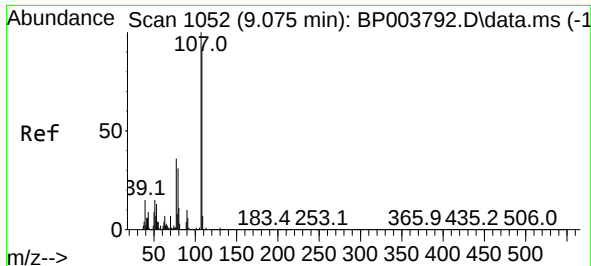
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#10
Phenol
Concen: 11.69 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

Tgt Ion: 94 Resp: 113632
Ion Ratio Lower Upper
94 100
65 30.8 2.3 42.3
66 41.8 10.9 50.9





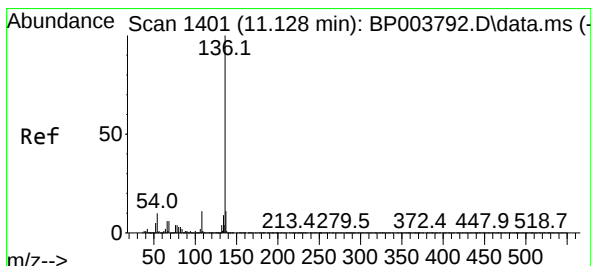
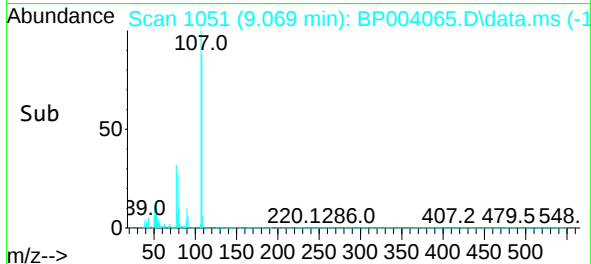
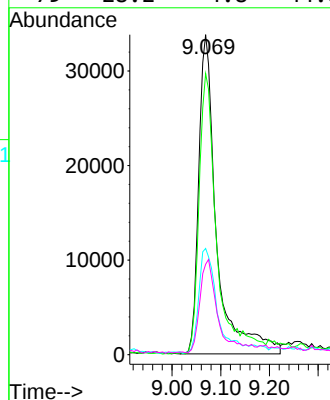
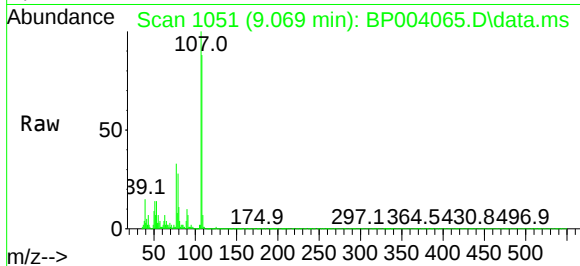
#20
3+4-Methylphenols
Concen: 10.14 ng
RT: 9.069 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

Tgt Ion:	107	Resp:	86415
Ion	Ratio	Lower	Upper
107	100		
108	87.8	69.0	109.0
77	33.2	8.5	48.5
79	28.2	4.8	44.8

Instrument :
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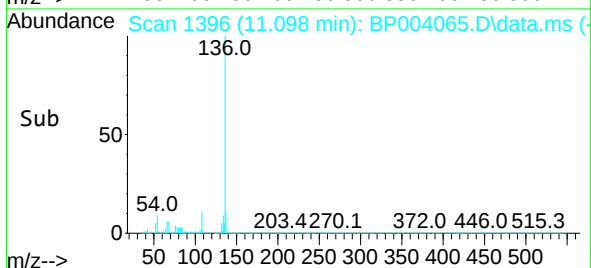
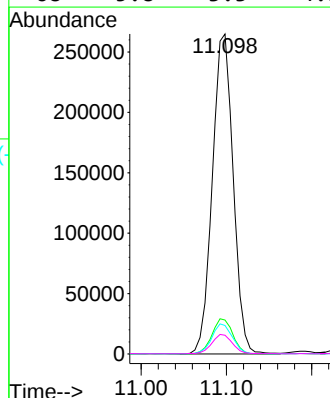
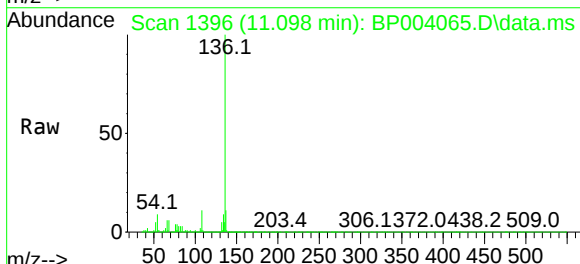
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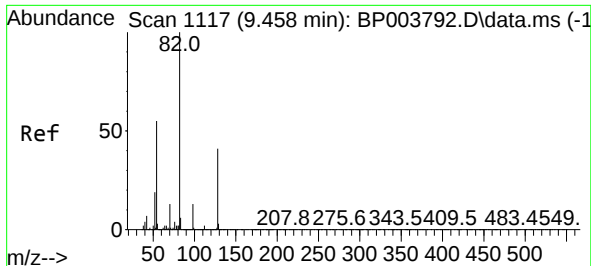
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.098 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

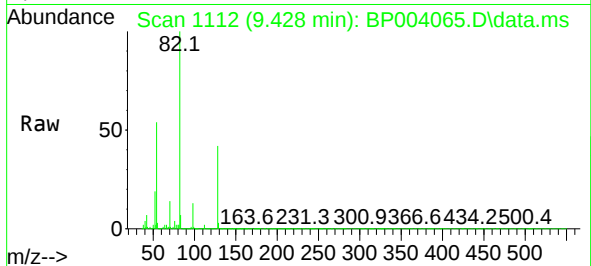
Tgt Ion:	136	Resp:	449238
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.9	3.6	5.4#
68	5.8	3.3	4.9#





#23
Nitrobenzene-d5
Concen: 68.83 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

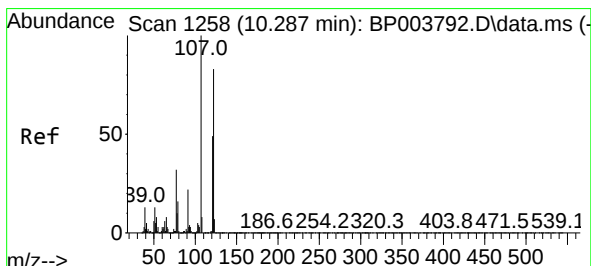
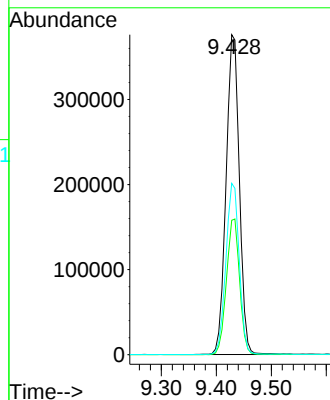
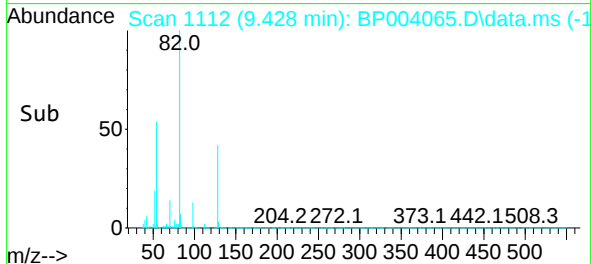
Instrument :
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PHC-340EM-012



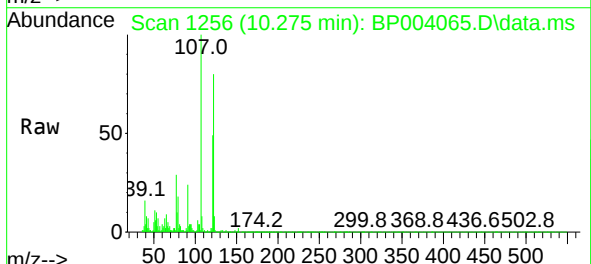
Tgt Ion: 82 Resp: 631381
Ion Ratio Lower Upper
82 100
128 42.0 45.6 68.4#
54 53.6 30.1 45.1#

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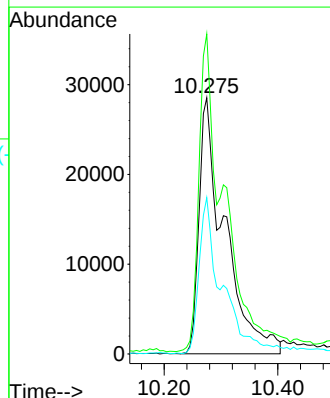
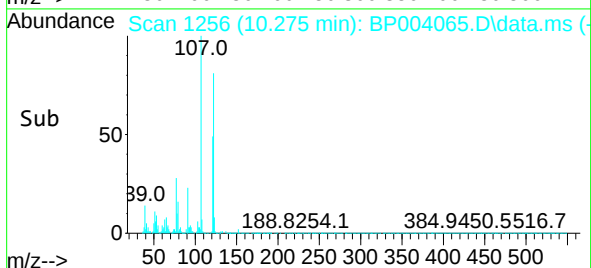
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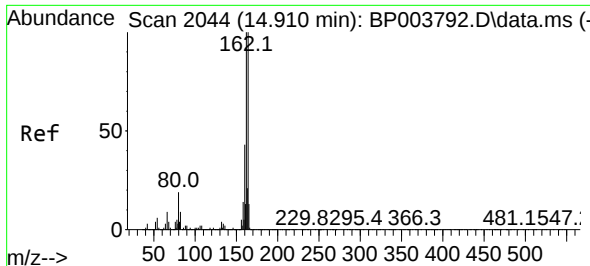


#27
2,4-Dimethylphenol
Concen: 15.00 ng m
RT: 10.275 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46



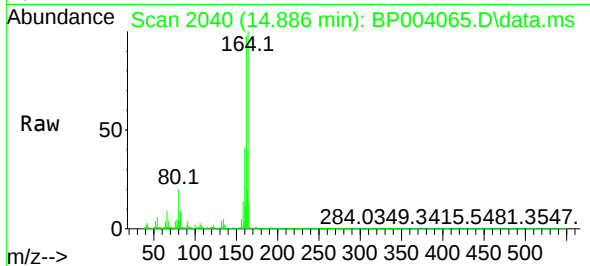
Tgt Ion: 122 Resp: 89079
Ion Ratio Lower Upper
122 100
107 124.9 87.3 130.9
121 61.0 47.3 70.9





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.886 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

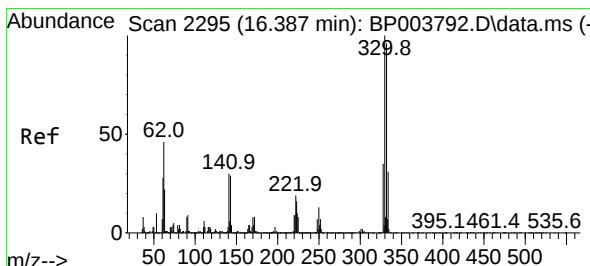
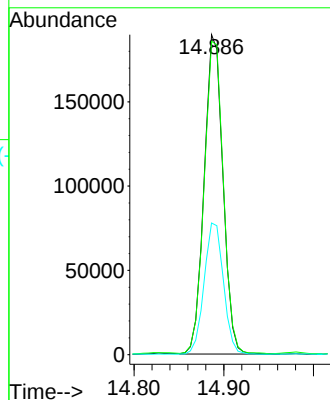
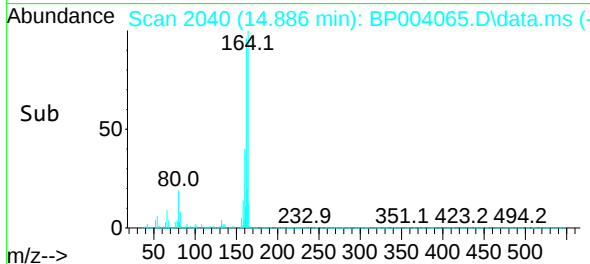
Instrument :
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ClientSampleId :
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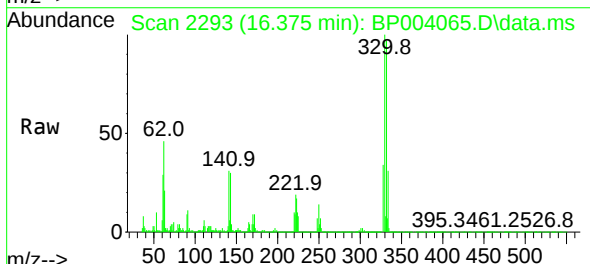
Tgt Ion:164 Resp: 275222
Ion Ratio Lower Upper
164 100
162 97.9 79.4 119.2
160 41.2 36.1 54.1

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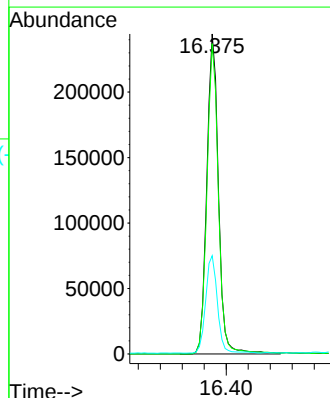
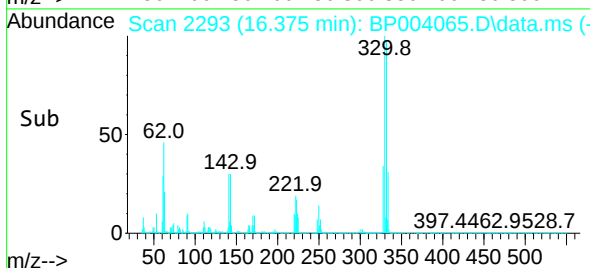
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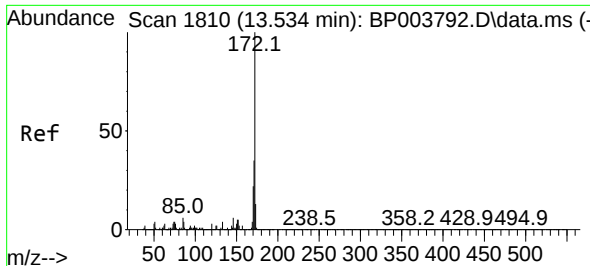


#42
2,4,6-Tribromophenol
Concen: 104.11 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46



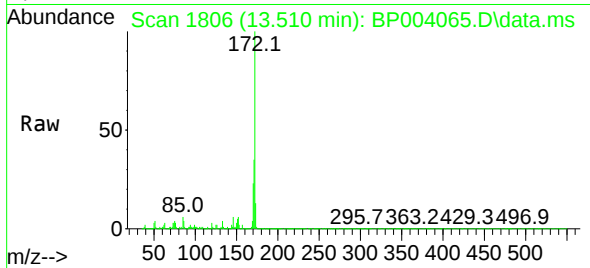
Tgt Ion:330 Resp: 358386
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 30.7 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 67.90 ng
RT: 13.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

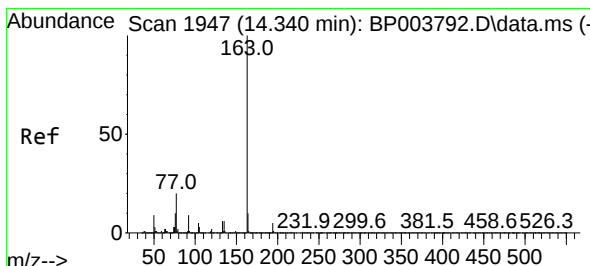
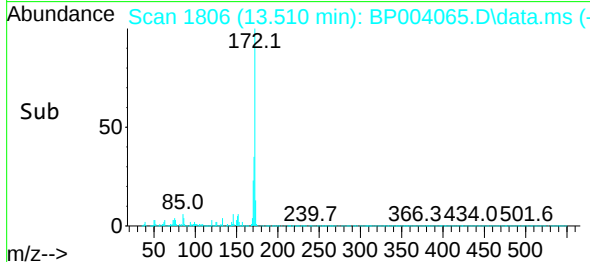
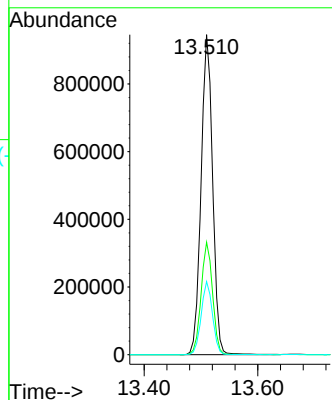
Instrument :
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Tgt Ion:172 Resp: 1336629
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.8 19.2 28.8

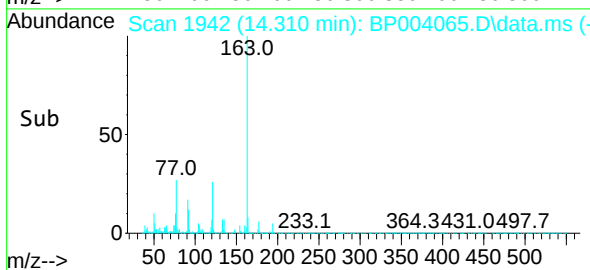
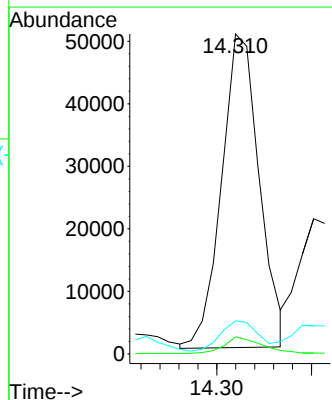
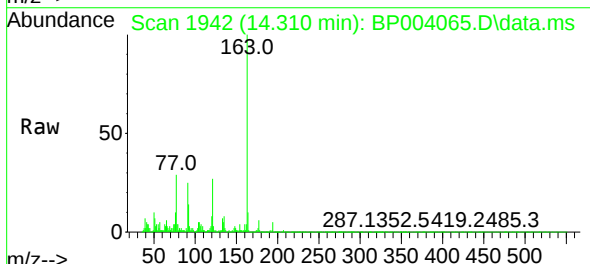
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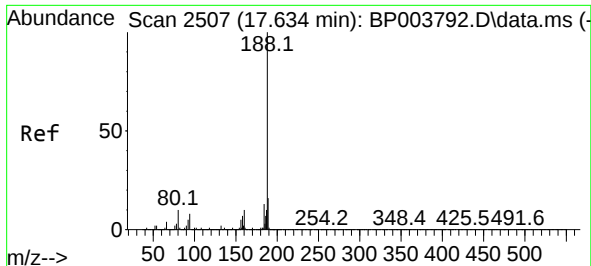
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#50
Dimethylphthalate
Concen: 3.23 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

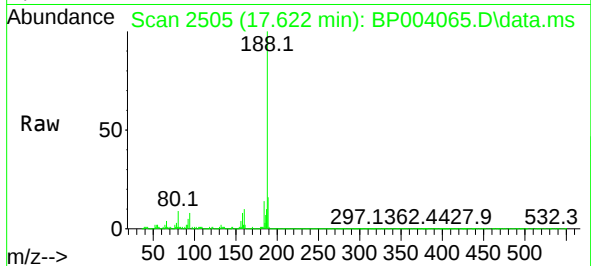
Tgt Ion:163 Resp: 69472
Ion Ratio Lower Upper
163 100
194 5.3 3.3 4.9#
164 10.3 8.2 12.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

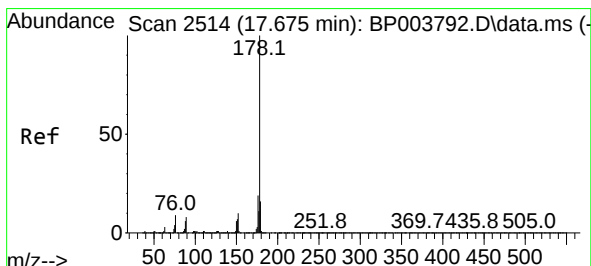
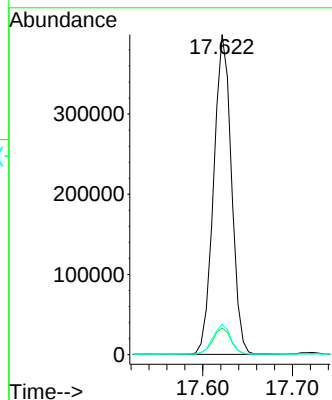
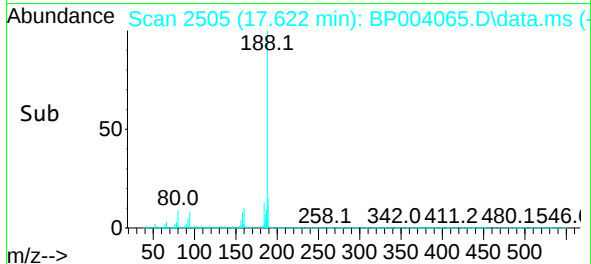
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012



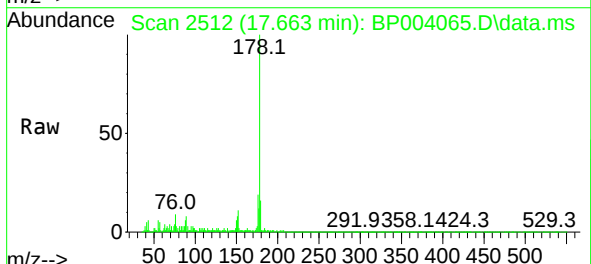
Tgt Ion:188 Resp: 548512
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.2
80 9.5 6.2 9.2#

Manual Integrations
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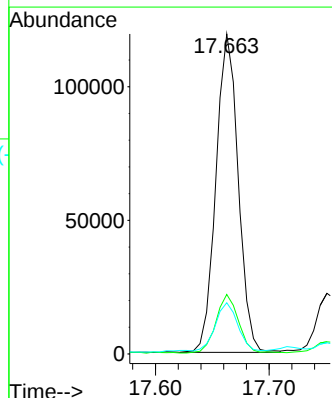
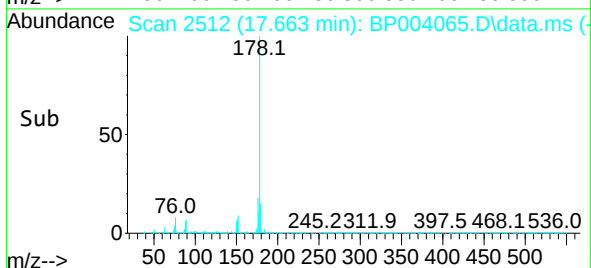
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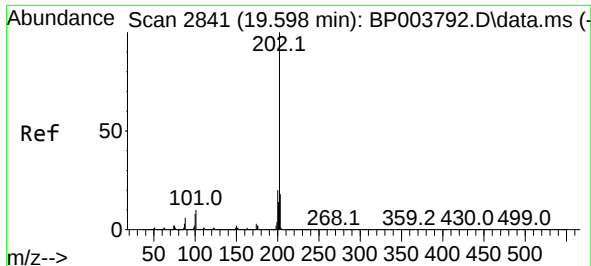


#71
Phenanthrene
Concen: 5.28 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.006 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46



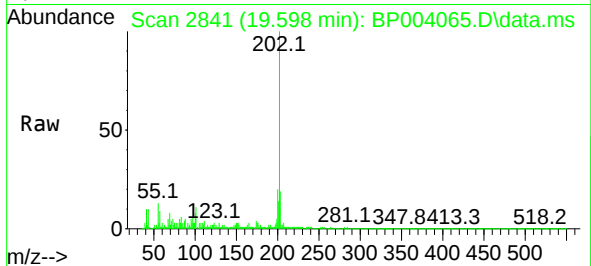
Tgt Ion:178 Resp: 162611
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 16.0 12.5 18.7





#75
Fluoranthene
Concen: 7.03 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

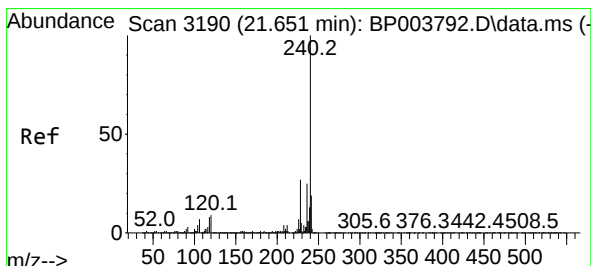
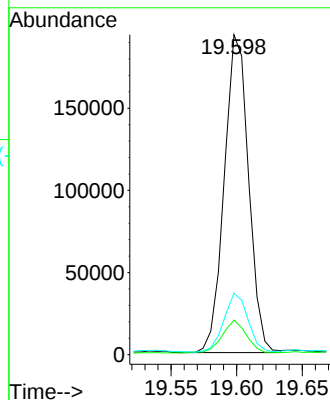
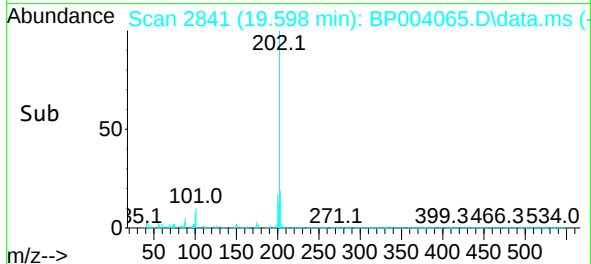
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012



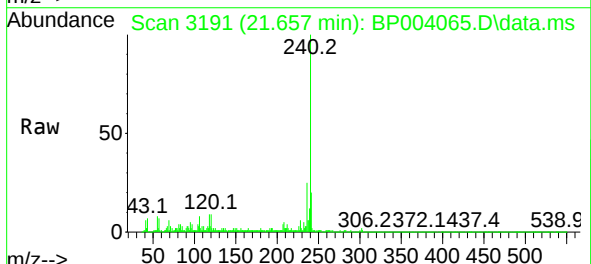
Tgt Ion:202 Resp: 249574
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.4
203 19.2 0.0 37.8

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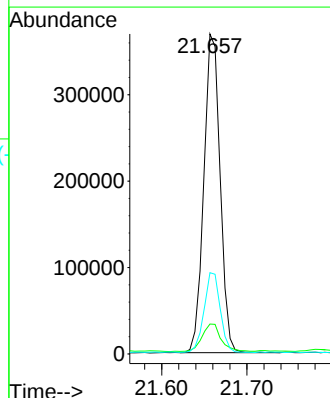
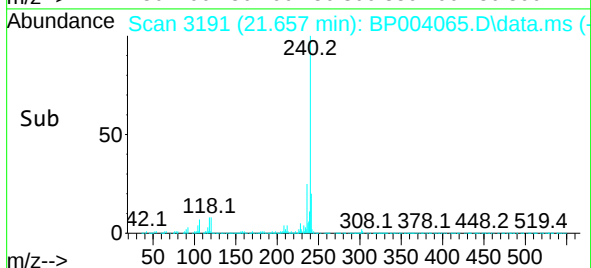
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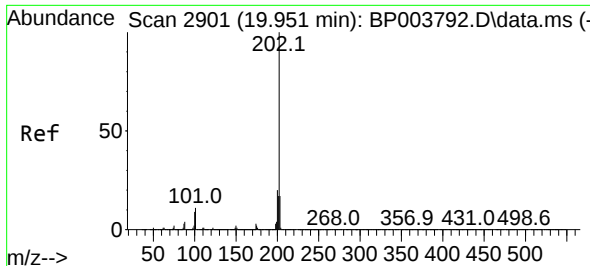


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46



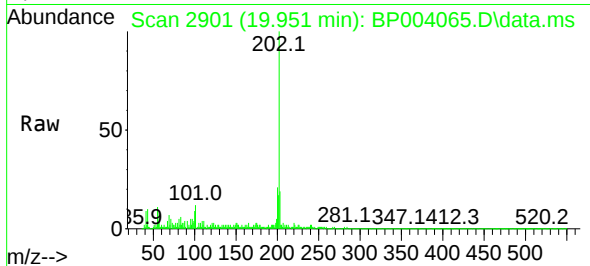
Tgt Ion:240 Resp: 490300
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 25.4 20.8 31.2





#78
Pyrene
Concen: 7.25 ng
RT: 19.951 min Scan# 2901
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

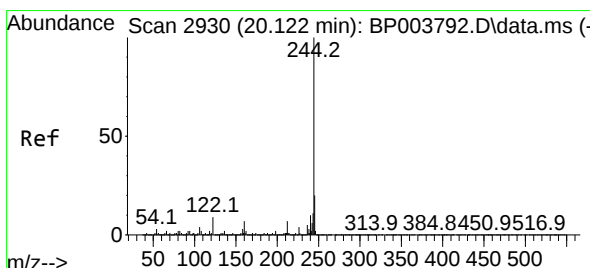
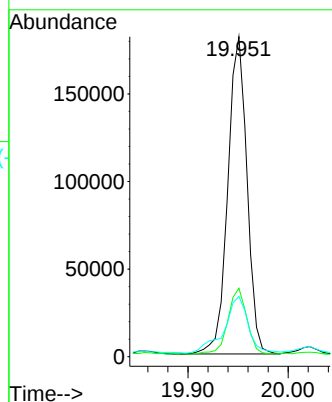
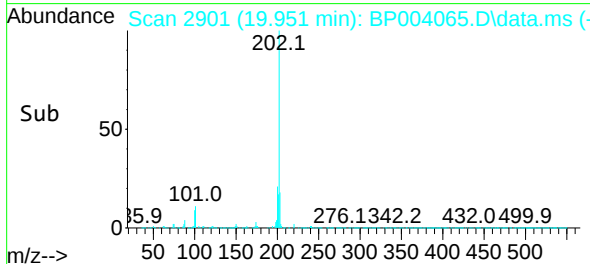
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012



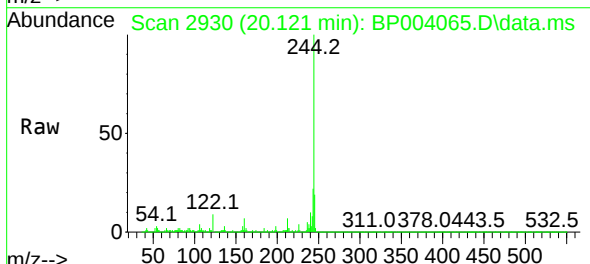
Tgt Ion:202 Resp: 241201
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 18.8 14.2 21.2

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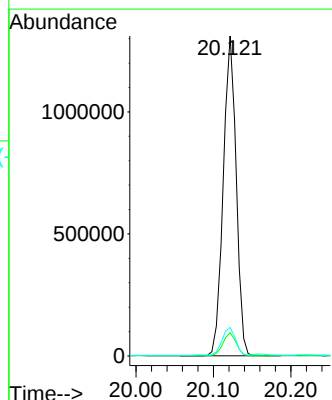
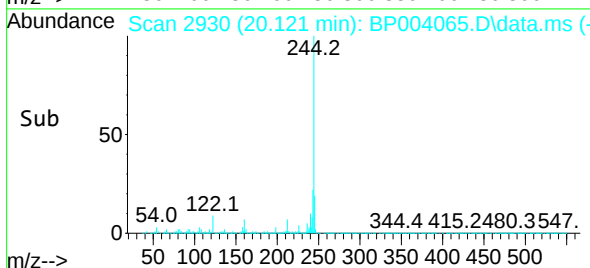
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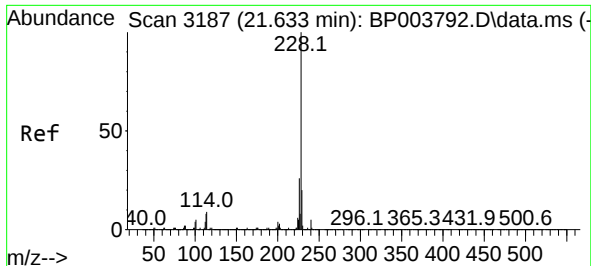


#79
Terphenyl-d14
Concen: 59.86 ng
RT: 20.121 min Scan# 2930
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46



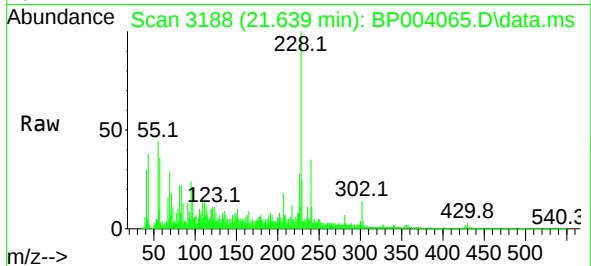
Tgt Ion:244 Resp: 1519088
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 8.9 7.8 11.8





#81
Benzo(a)anthracene
Concen: 3.22 ng
RT: 21.639 min Scan# 3188
Delta R.T. -0.006 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

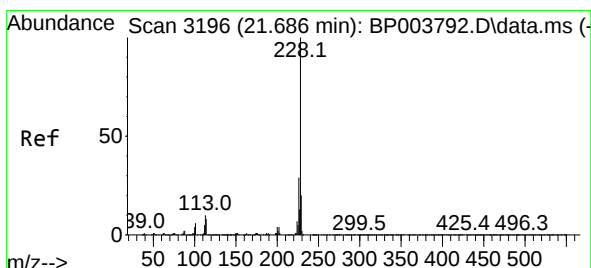
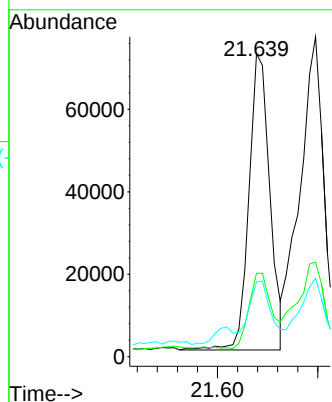
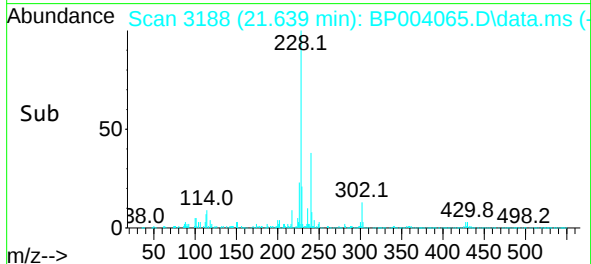
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012



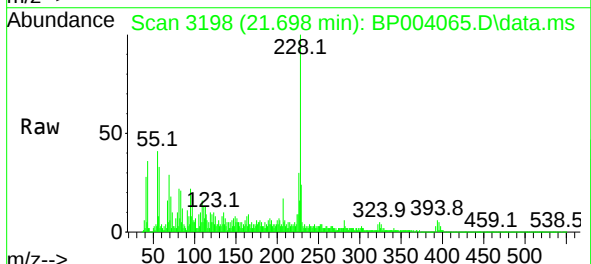
Tgt Ion:228 Resp: 103959
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 24.6 15.9 23.9#

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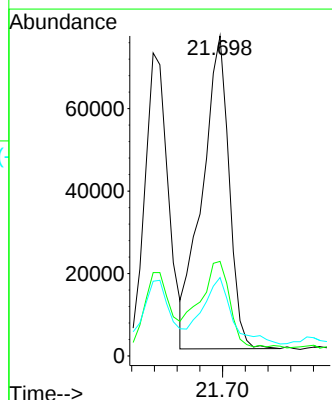
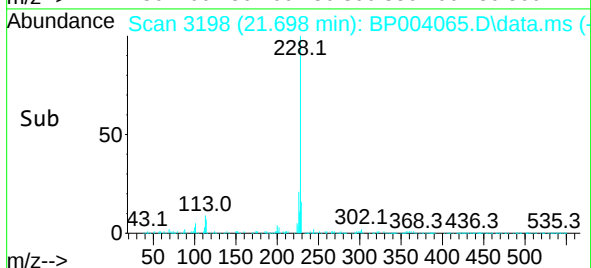
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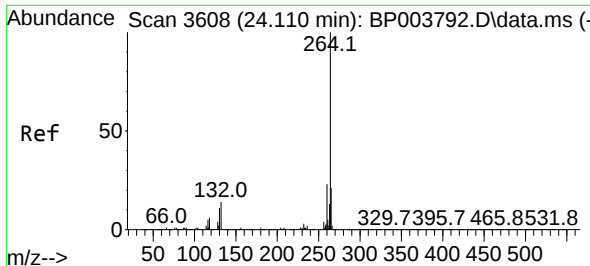


#83
Chrysene
Concen: 4.02 ng
RT: 21.698 min Scan# 3198
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46



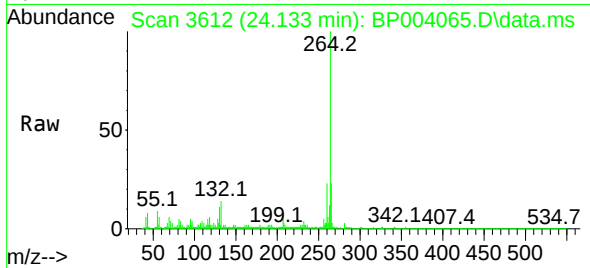
Tgt Ion:228 Resp: 124961
Ion Ratio Lower Upper
228 100
226 29.5 24.4 36.6
229 24.5 15.8 23.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.133 min Scan# 3612
Delta R.T. 0.006 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

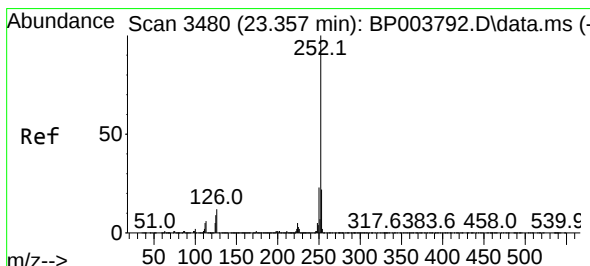
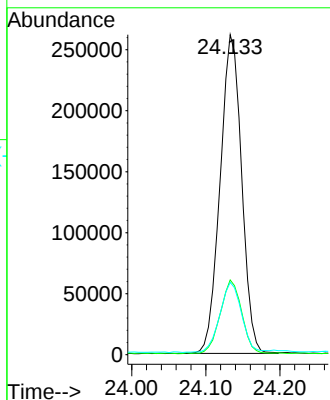
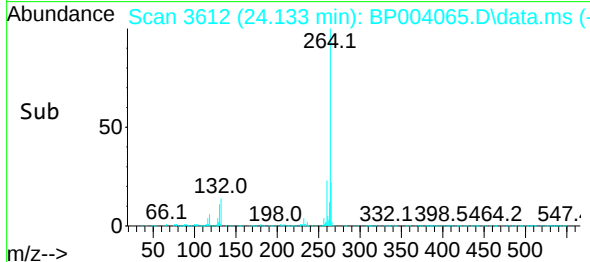
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012



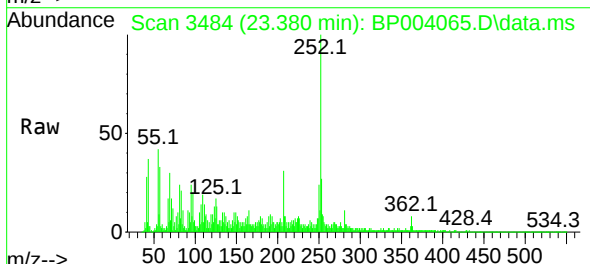
Tgt Ion:264 Resp: 527017
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 22.6 17.4 26.2

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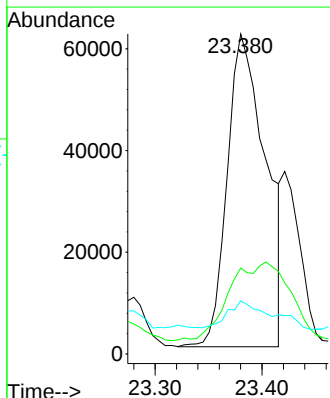
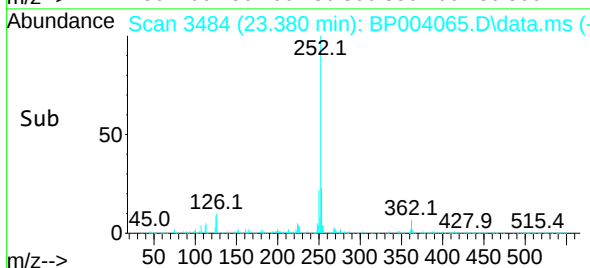
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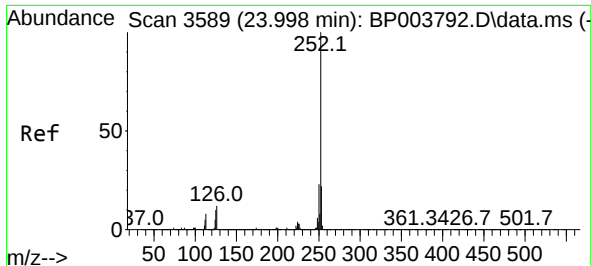


#88
Benzo(b)fluoranthene
Concen: 4.45 ng m
RT: 23.380 min Scan# 3484
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46



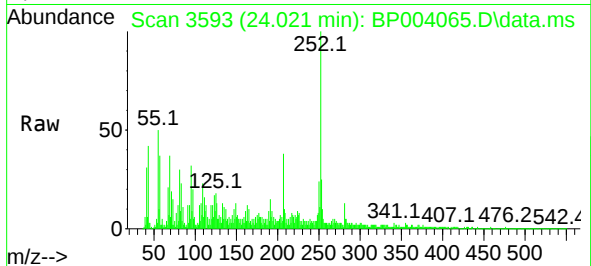
Tgt Ion:252 Resp: 153623
Ion Ratio Lower Upper
252 100
253 26.8 17.6 26.4#
125 16.6 7.3 10.9#





#90
Benzo(a)pyrene
Concen: 3.09 ng
RT: 24.021 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

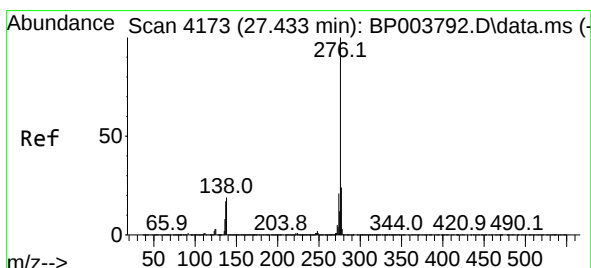
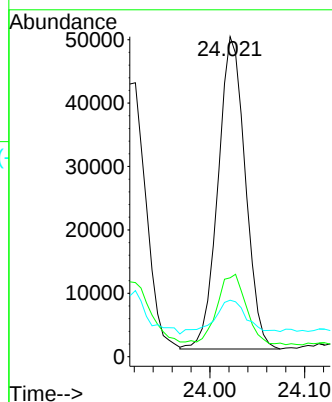
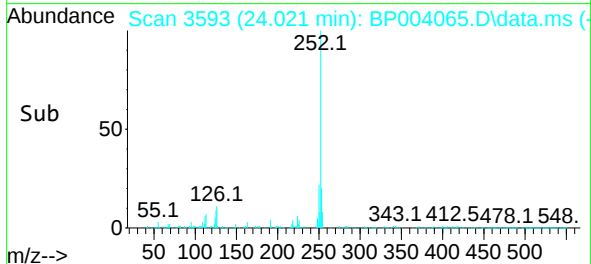
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012



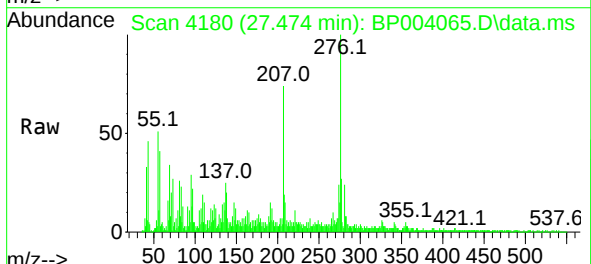
Tgt Ion:252 Resp: 98655
Ion Ratio Lower Upper
252 100
253 24.7 17.4 26.0
125 17.7 8.2 12.4#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.59 ng
RT: 27.474 min Scan# 4180
Delta R.T. -0.006 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46



Tgt Ion:276 Resp: 79337
Ion Ratio Lower Upper
276 100
277 27.5 19.0 28.6
138 19.6 16.6 24.8

