

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
 Data File : BP003980.D
 Acq On : 17 Nov 2020 17:54
 Operator : CG/JU
 Sample : L4746-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-02-111320

Manual Integrations
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Quant Time: Nov 18 02:09:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	135314	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	527099	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	327673	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	677258	20.00	ng	# 0.00
76) Chrysene-d12	21.674	240	617849	20.00	ng	0.00
86) Perylene-d12	24.157	264	644579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	101274	12.49	ng	0.00
7) Phenol-d6	7.446	99	129116	11.09	ng	0.00
23) Nitrobenzene-d5	9.440	82	84921	7.89	ng	0.00
42) 2,4,6-Tribromophenol	16.386	330	42946	10.48	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	185605	7.92	ng	0.00
79) Terphenyl-d14	20.133	244	242492	7.58	ng	0.00
Target Compounds						Qvalue
58) Fluorene	15.945	166	67849	2.79	ng	98
71) Phenanthrene	17.680	178	483942	12.73	ng	99
72) Anthracene	17.769	178	155039	4.22	ng	99
75) Fluoranthene	19.616	202	633286	14.44	ng	99
78) Pyrene	19.963	202	615873	14.69	ng	98
81) Benzo(a)anthracene	21.657	228	274954	6.75	ng	97
83) Chrysene	21.710	228	260147m	6.65	ng	
87) Indeno(1,2,3-cd)pyrene	26.721	276	131896	2.84	ng	96
88) Benzo(b)fluoranthene	23.404	252	274726m	6.51	ng	
89) Benzo(k)fluoranthene	23.439	252	98651m	2.37	ng	
90) Benzo(a)pyrene	24.045	252	230307	5.90	ng	# 93
92) Benzo(g,h,i)perylene	27.509	276	134719	3.59	ng	96

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

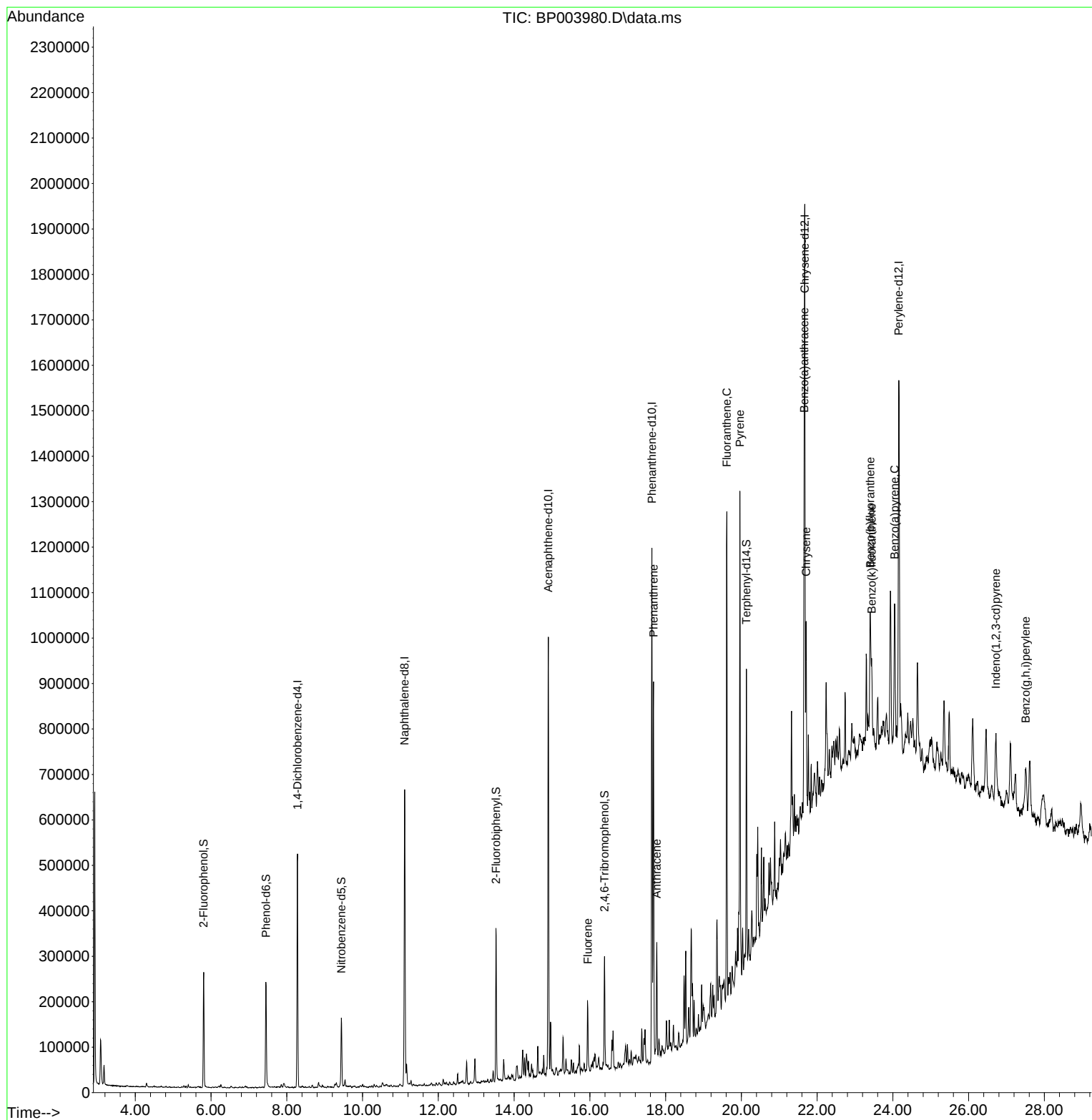
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003980.D
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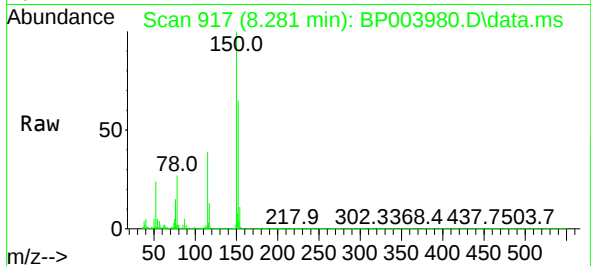
Quant Time: Nov 18 02:09:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

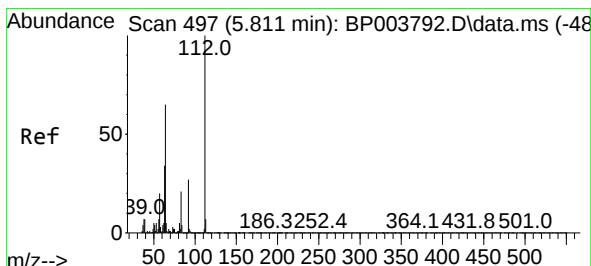
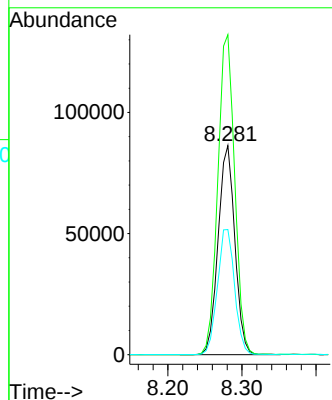
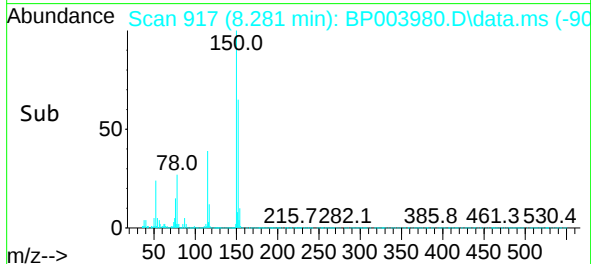
Instrument :
BNA_P
ClientSampleId :
OK-02-111320



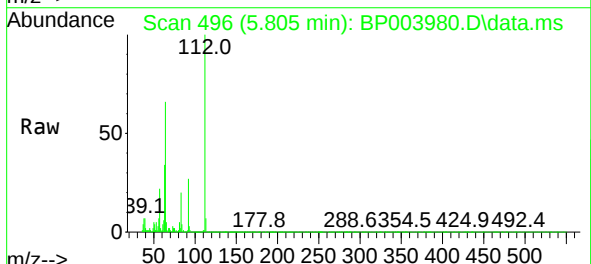
Tgt Ion:152 Resp: 135314
Ion Ratio Lower Upper
152 100
150 153.0 123.8 185.6
115 59.8 43.8 65.6

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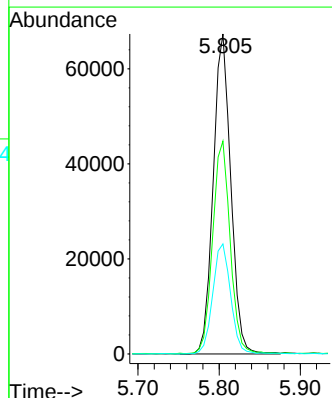
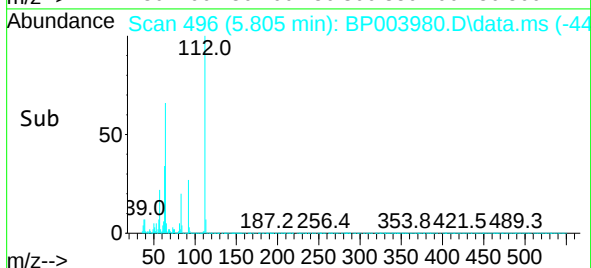
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#5
2-Fluorophenol
Concen: 12.49 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54



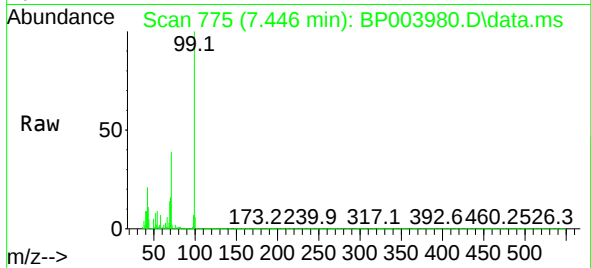
Tgt Ion:112 Resp: 101274
Ion Ratio Lower Upper
112 100
64 66.5 32.8 49.2#
63 34.4 17.0 25.4#





#7
Phenol-d6
Concen: 11.09 ng
RT: 7.446 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

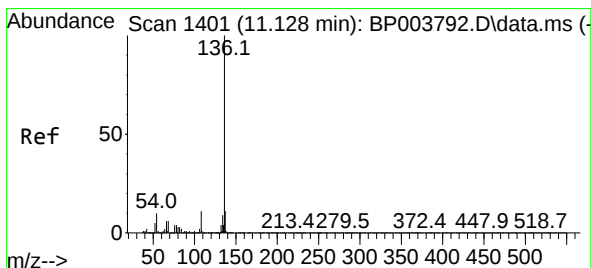
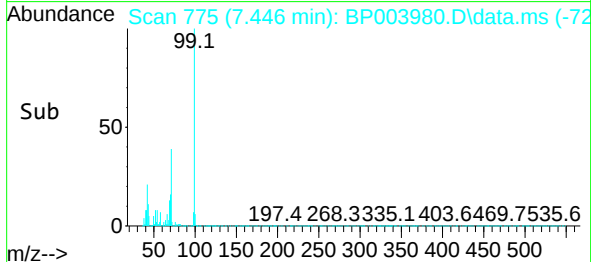
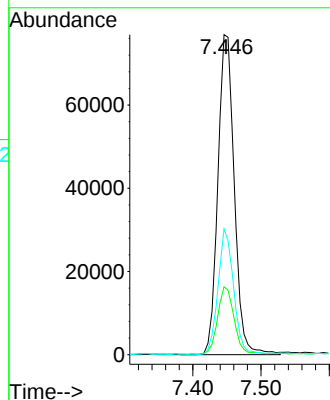
Instrument :
BNA_P
ClientSampleId :
OK-02-111320



Tgt Ion: 99 Resp: 129116
Ion Ratio Lower Upper
99 100
42 21.2 8.6 13.0#
71 39.3 23.4 35.2#

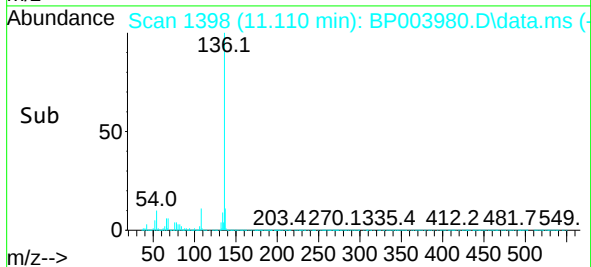
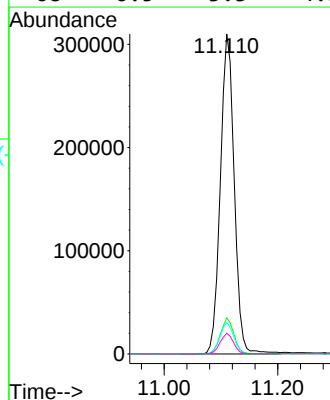
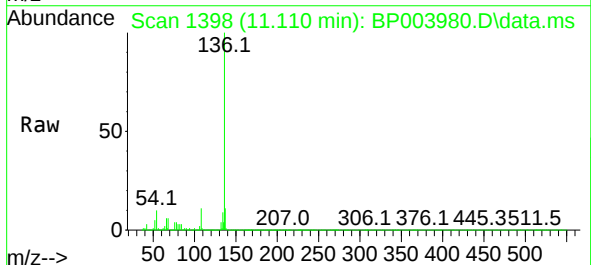
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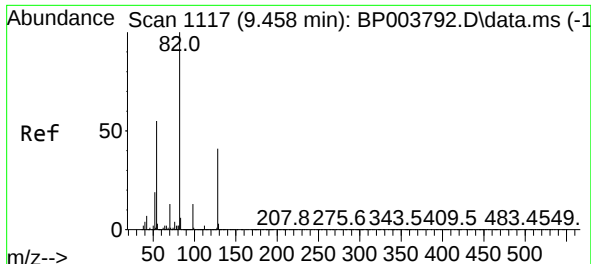
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

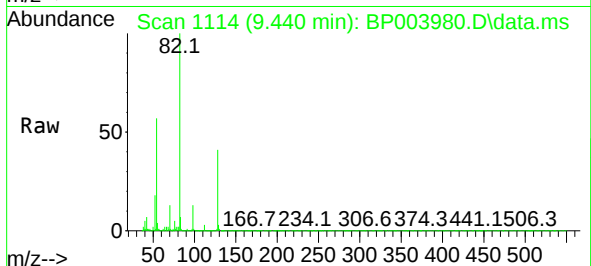
Tgt Ion: 136 Resp: 527099
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.8 3.6 5.4#
68 6.5 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 7.89 ng
RT: 9.440 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

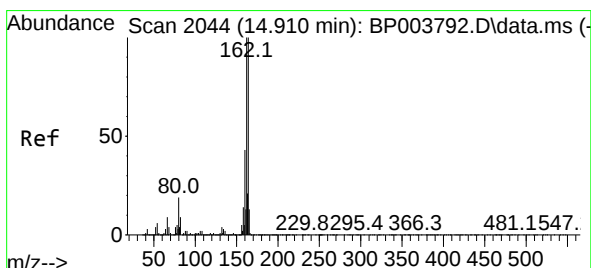
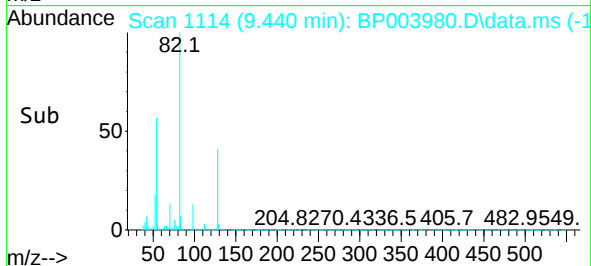
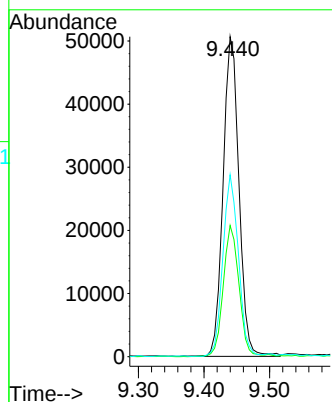
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 82 Resp: 84921
Ion Ratio Lower Upper
82 100
128 41.0 45.6 68.4#
54 56.9 30.1 45.1#

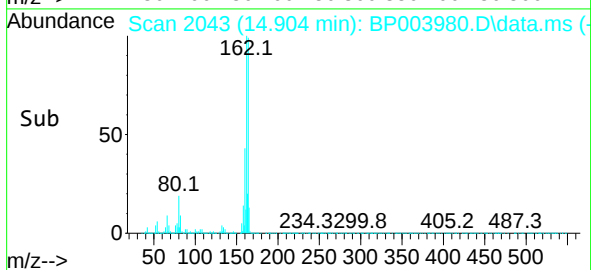
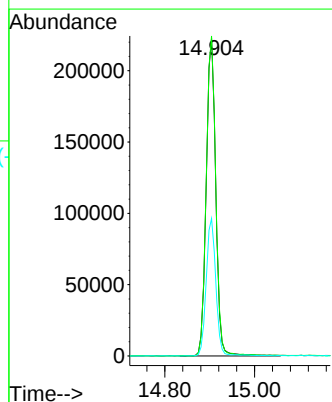
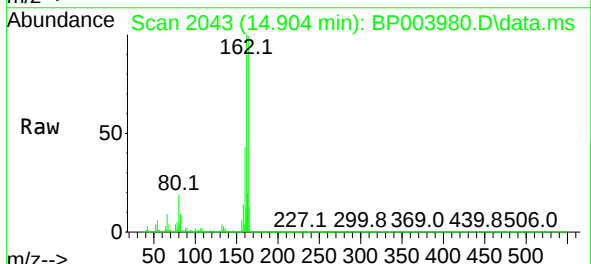
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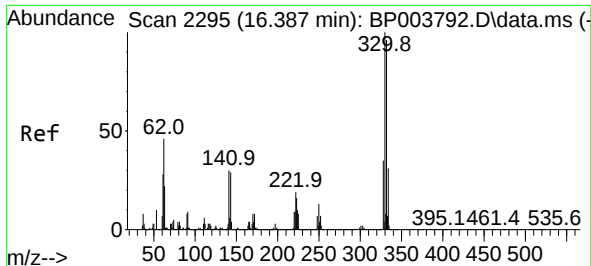
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

Tgt Ion: 164 Resp: 327673
Ion Ratio Lower Upper
164 100
162 100.8 79.4 119.2
160 43.3 36.1 54.1





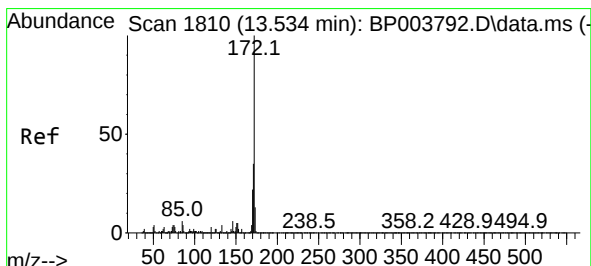
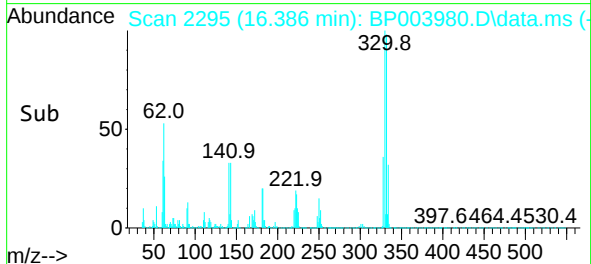
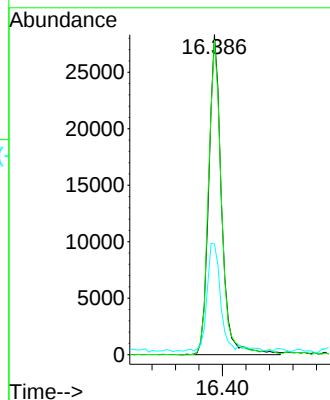
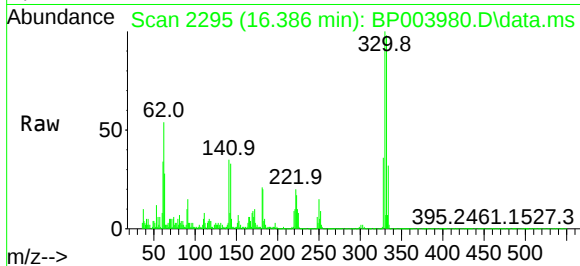
#42
2,4,6-Tribromophenol
Concen: 10.48 ng
RT: 16.386 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

Tgt Ion:	330	Resp:	42946
Ion Ratio	Lower	Upper	
330	100		
332	98.9	77.1	115.7
141	34.2	23.4	35.2

Instrument :
BNA_P
ClientSampleId :
OK-02-111320

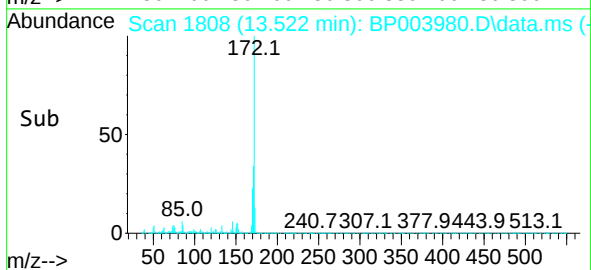
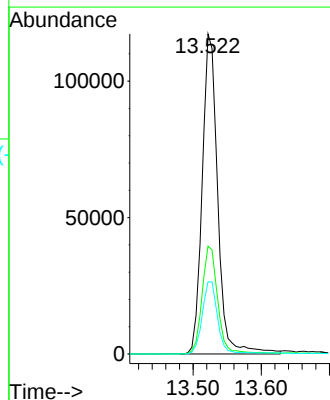
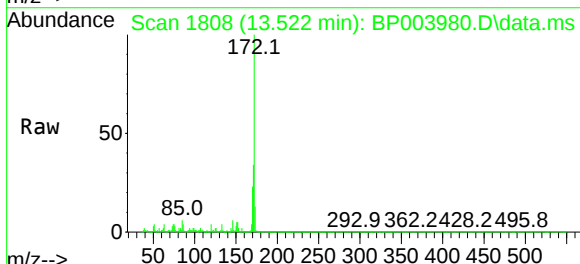
Manual Integrations
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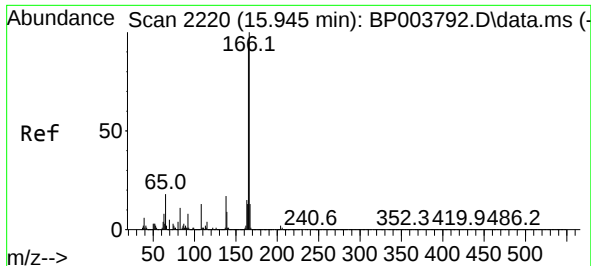
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#45
2-Fluorobiphenyl
Concen: 7.92 ng
RT: 13.522 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

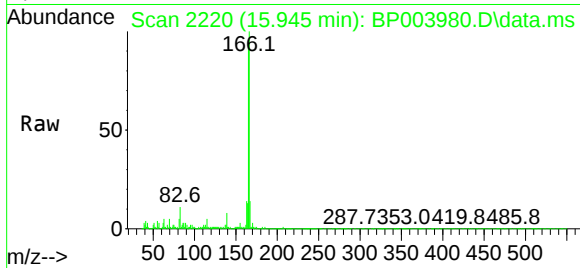
Tgt Ion:	172	Resp:	185605
Ion Ratio	Lower	Upper	
172	100		
171	33.7	28.5	42.7
170	22.5	19.2	28.8





#58
Fluorene
Concen: 2.79 ng
RT: 15.945 min Scan# 2220
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

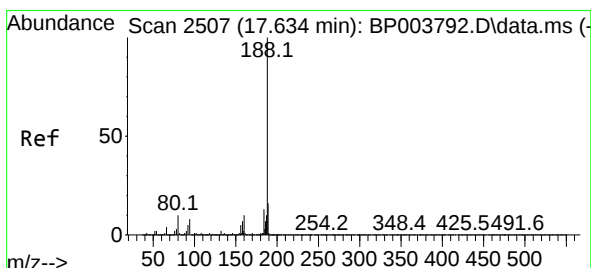
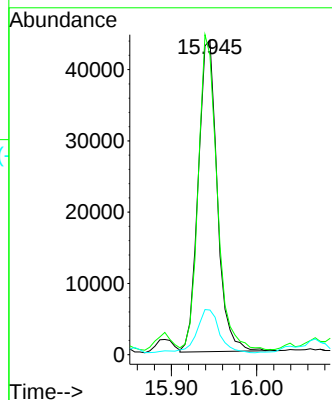
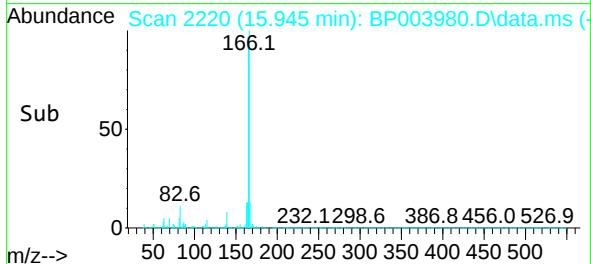
Instrument :
BNA_P
ClientSampleId :
OK-02-111320



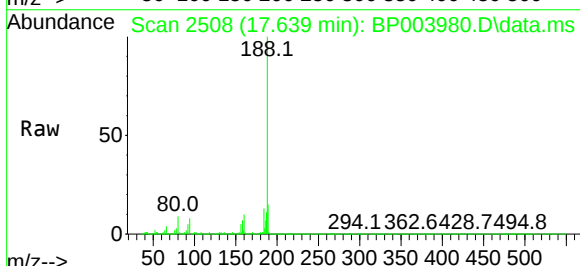
Tgt Ion:166 Resp: 67849
Ion Ratio Lower Upper
166 100
165 95.3 77.8 116.8
167 14.2 11.0 16.4

Manual Integrations
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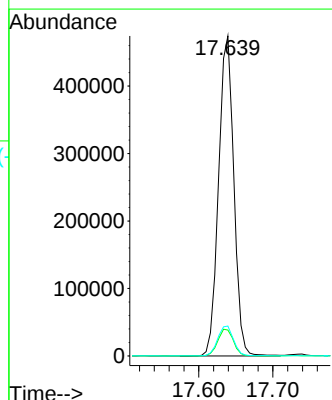
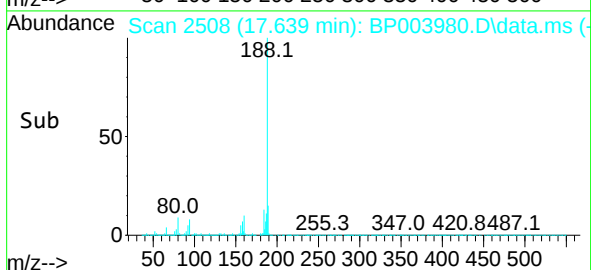
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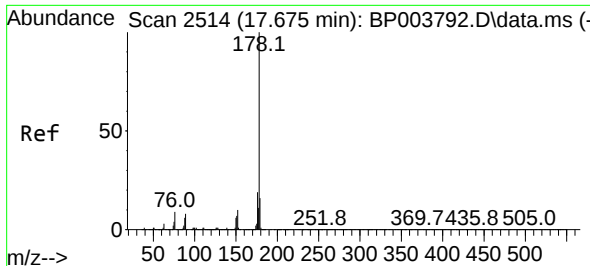


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.639 min Scan# 2508
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54



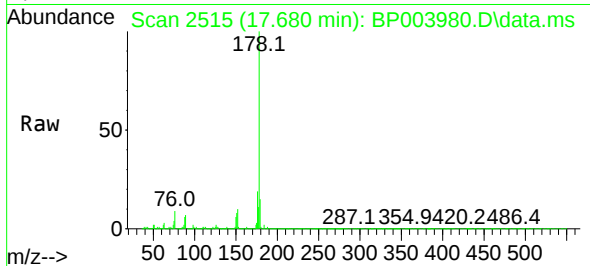
Tgt Ion:188 Resp: 677258
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 9.3 6.2 9.2#





#71
Phenanthrene
Concen: 12.73 ng
RT: 17.680 min Scan# 2515
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

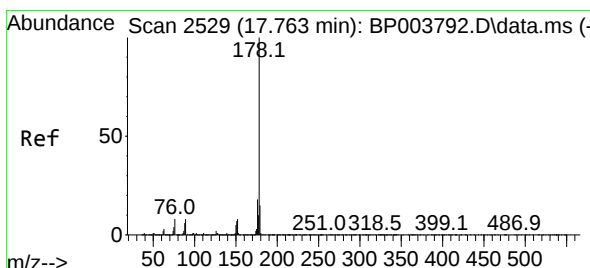
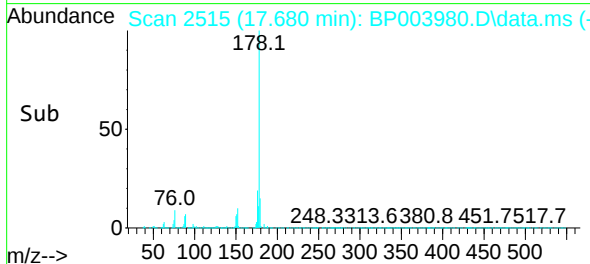
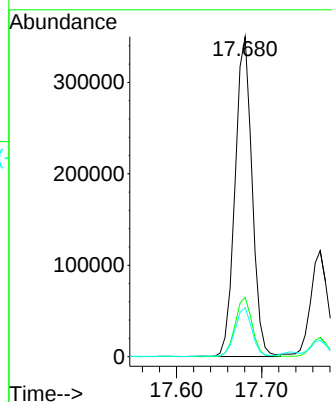
Instrument :
BNA_P
ClientSampleId :
OK-02-111320



Tgt Ion:178 Resp: 483942
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.3 12.5 18.7

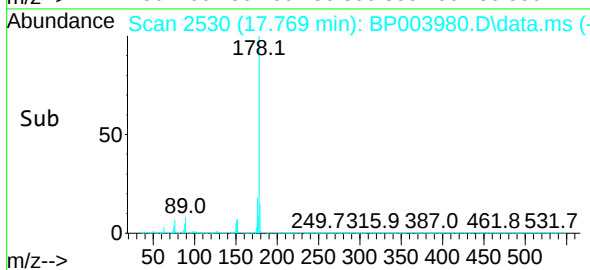
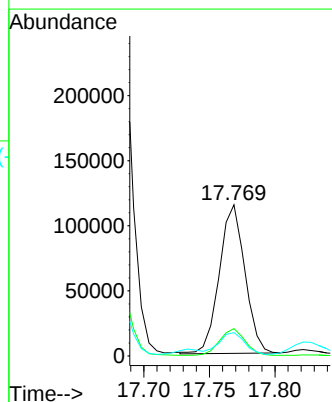
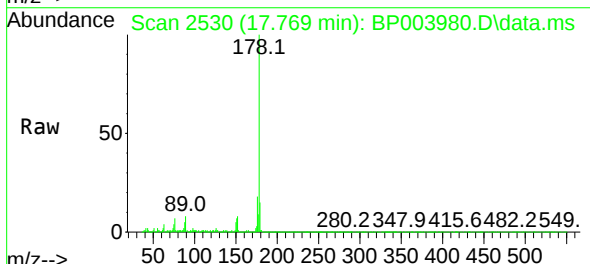
Manual Integrations
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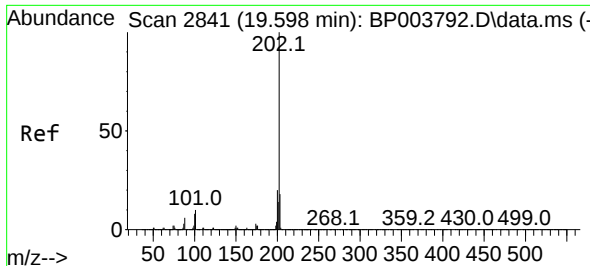
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#72
Anthracene
Concen: 4.22 ng
RT: 17.769 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

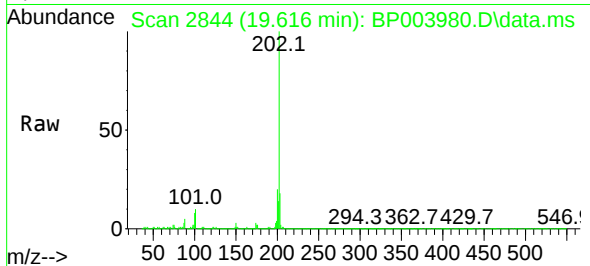
Tgt Ion:178 Resp: 155039
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.4
179 15.5 12.5 18.7





#75
Fluoranthene
Concen: 14.44 ng
RT: 19.616 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

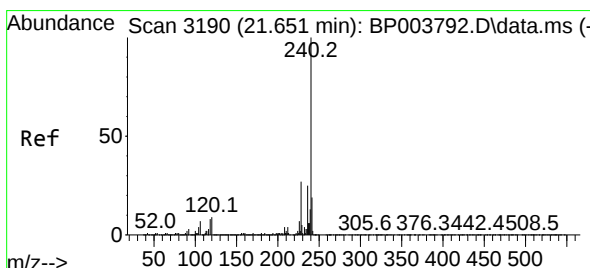
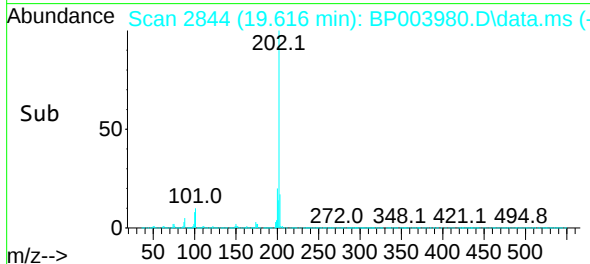
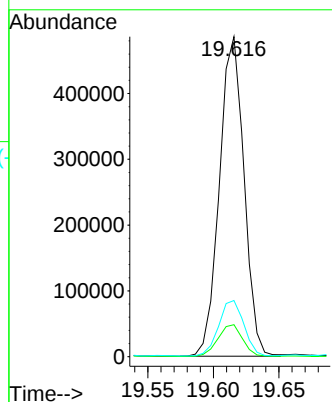
Instrument :
BNA_P
ClientSampleId :
OK-02-111320



Tgt Ion:202 Resp: 633286
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.4
203 17.5 0.0 37.8

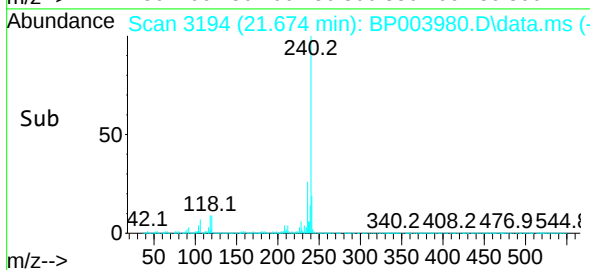
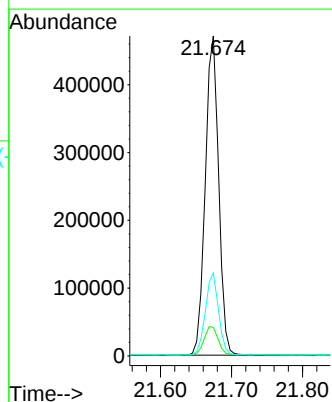
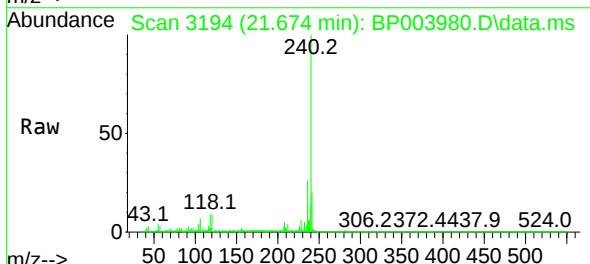
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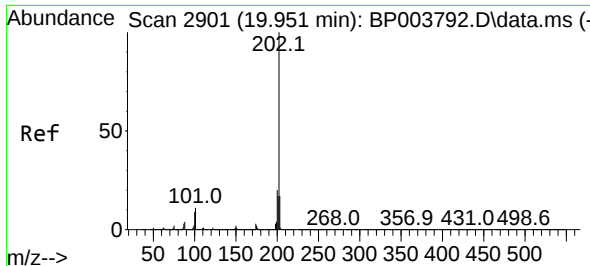
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.674 min Scan# 3194
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

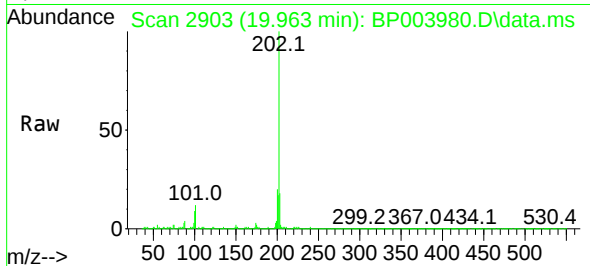
Tgt Ion:240 Resp: 617849
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 26.0 20.8 31.2





#78
Pyrene
Concen: 14.69 ng
RT: 19.963 min Scan# 2903
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

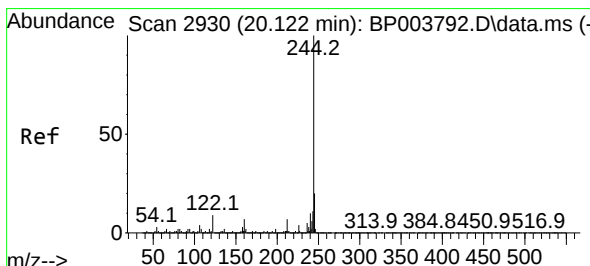
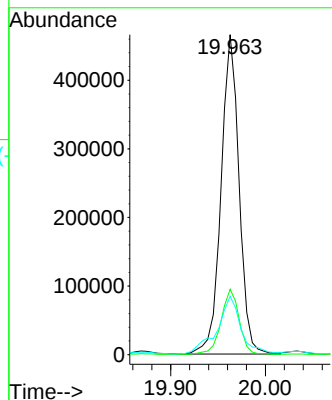
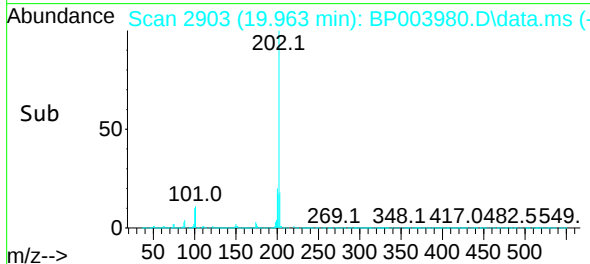
Instrument :
BNA_P
ClientSampleId :
OK-02-111320



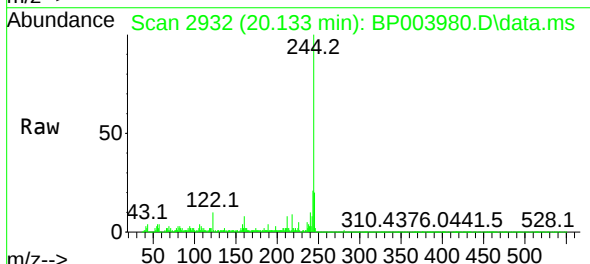
Tgt Ion:202 Resp: 615873
Ion Ratio Lower Upper
202 100
200 20.5 17.1 25.7
203 18.2 14.2 21.2

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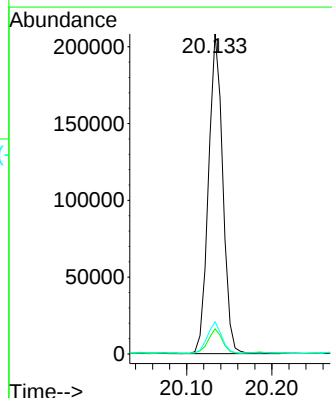
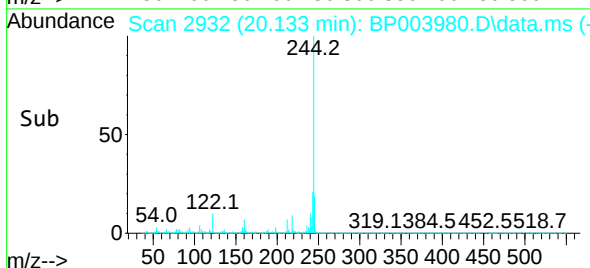
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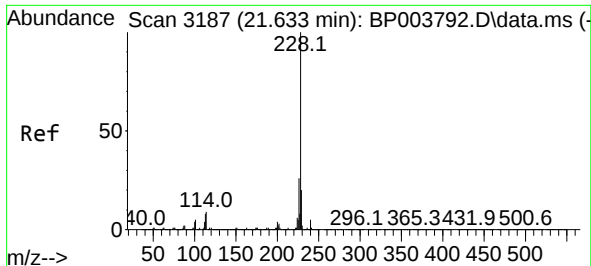


#79
Terphenyl-d14
Concen: 7.58 ng
RT: 20.133 min Scan# 2932
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54



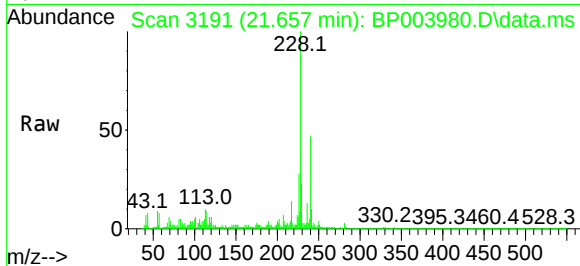
Tgt Ion:244 Resp: 242492
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.6
122 10.0 7.8 11.8





#81
Benzo(a)anthracene
Concen: 6.75 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

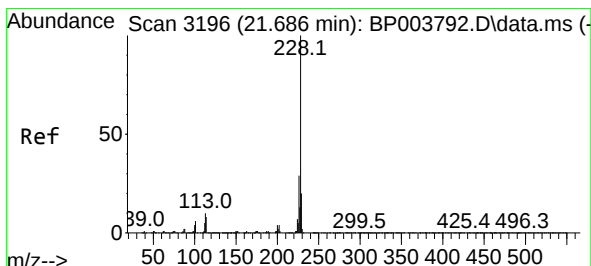
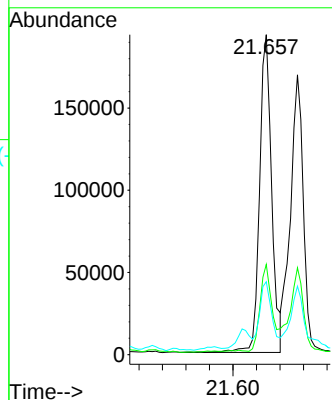
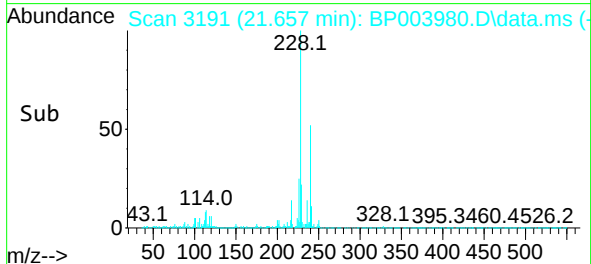
Instrument :
BNA_P
ClientSampleId :
OK-02-111320



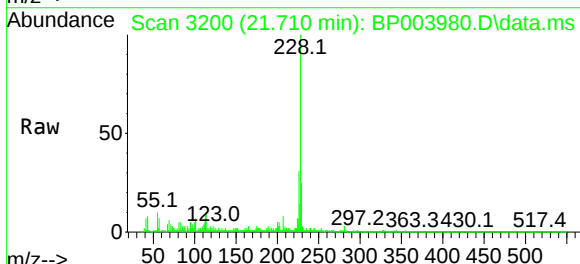
Tgt Ion:228 Resp: 274954
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 22.8 15.9 23.9

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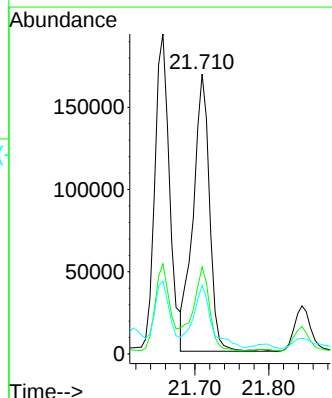
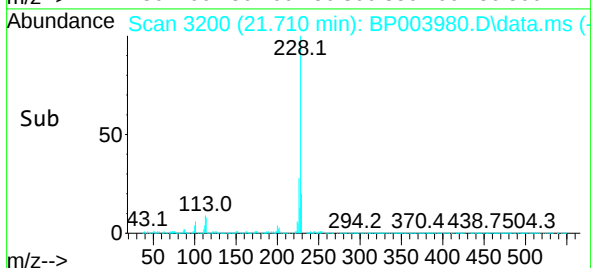
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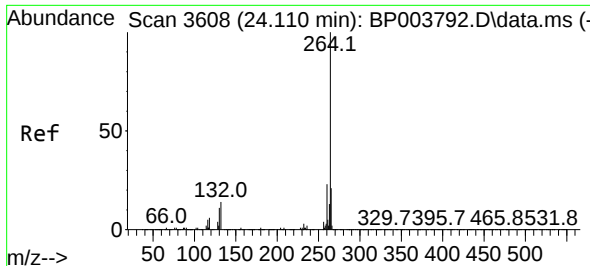


#83
Chrysene
Concen: 6.65 ng m
RT: 21.710 min Scan# 3200
Delta R.T. -0.006 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54



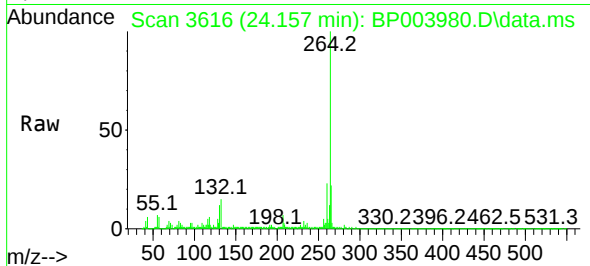
Tgt Ion:228 Resp: 260147
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 24.5 15.8 23.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.157 min Scan# 3616
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

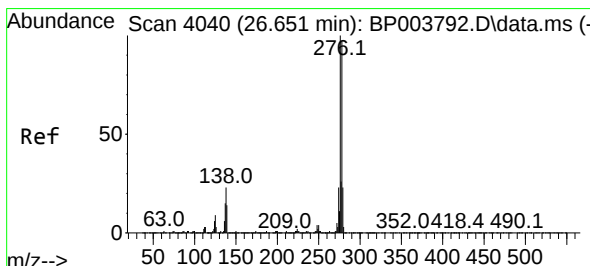
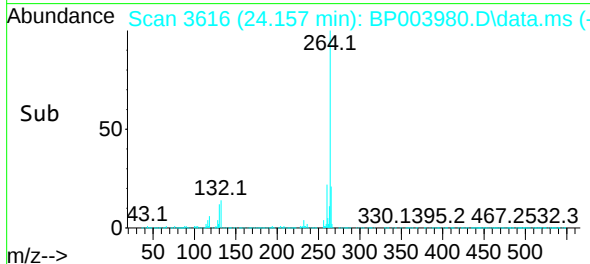
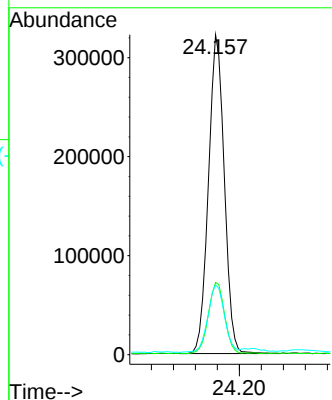
Instrument :
BNA_P
ClientSampleId :
OK-02-111320



Tgt Ion:264 Resp: 644579
Ion Ratio Lower Upper
264 100
260 22.6 18.8 28.2
265 21.9 17.4 26.2

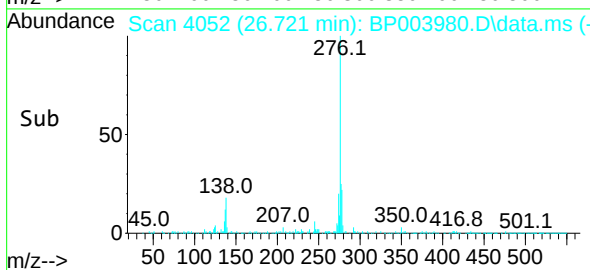
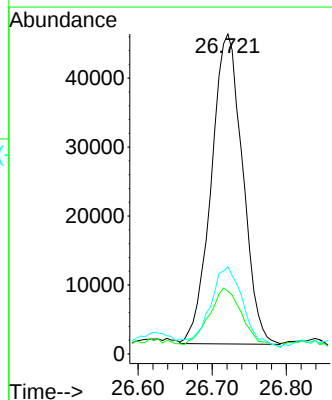
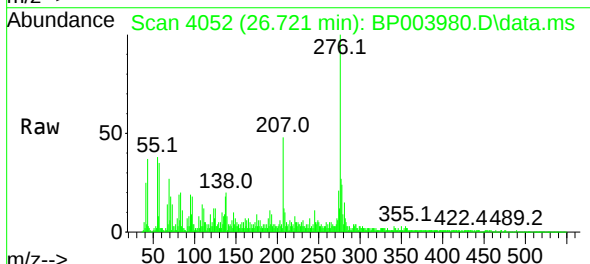
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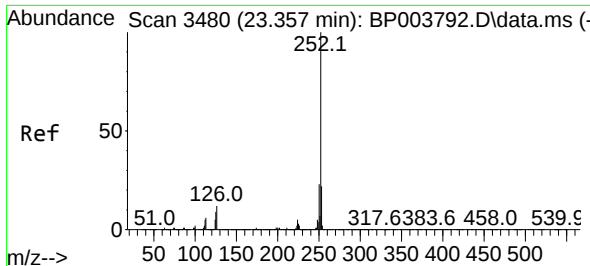
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.84 ng
RT: 26.721 min Scan# 4052
Delta R.T. -0.006 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

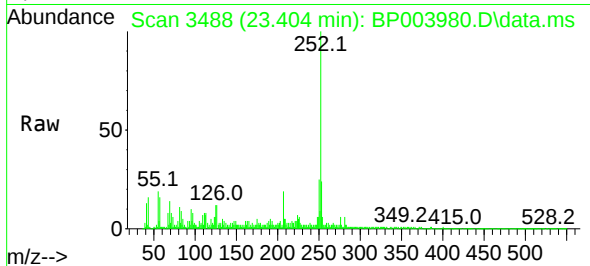
Tgt Ion:276 Resp: 131896
Ion Ratio Lower Upper
276 100
138 20.6 18.7 28.1
277 26.6 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 6.51 ng m
RT: 23.404 min Scan# 3488
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

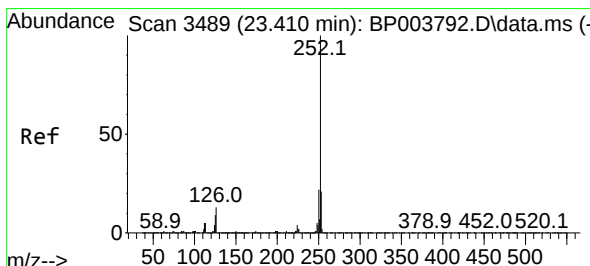
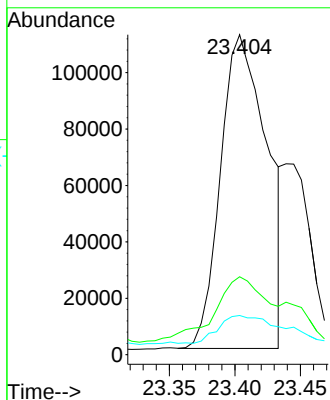
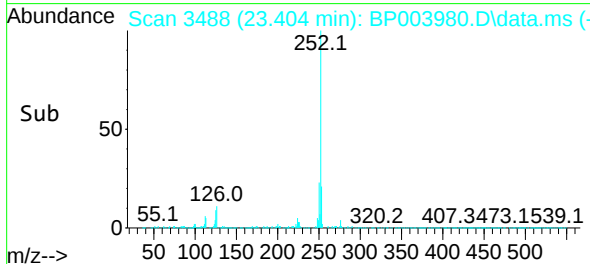
Instrument :
BNA_P
ClientSampleId :
OK-02-111320



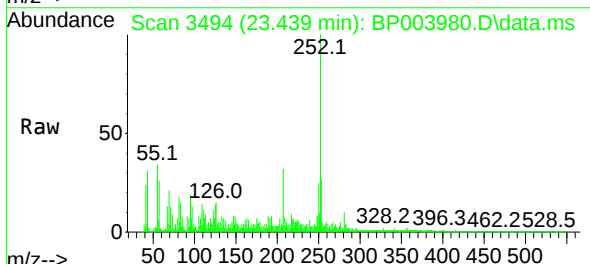
Tgt Ion:252 Resp: 274726
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 12.2 7.3 10.9#

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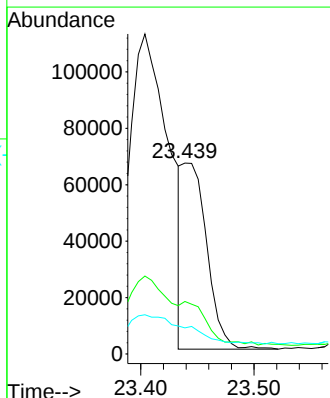
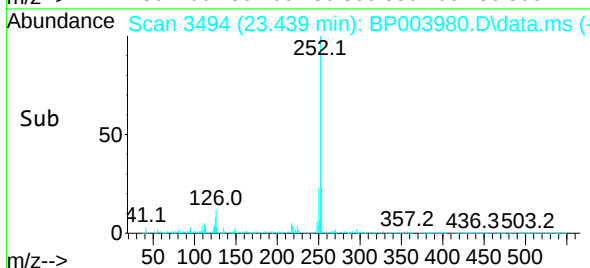
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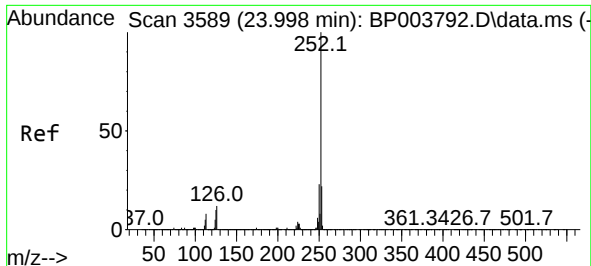


#89
Benzo(k)fluoranthene
Concen: 2.37 ng m
RT: 23.439 min Scan# 3494
Delta R.T. -0.012 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54



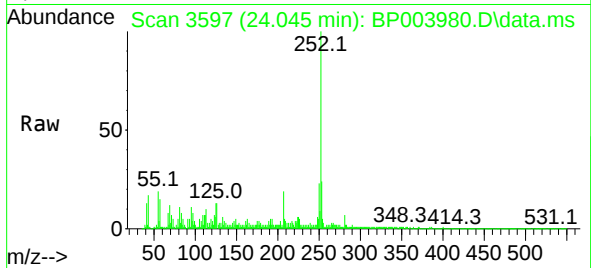
Tgt Ion:252 Resp: 98651
Ion Ratio Lower Upper
252 100
253 27.5 17.8 26.8#
125 13.7 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 5.90 ng
RT: 24.045 min Scan# 3597
Delta R.T. -0.006 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

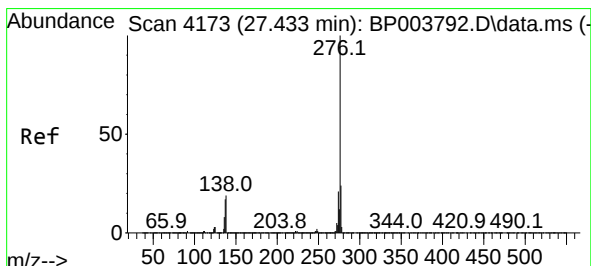
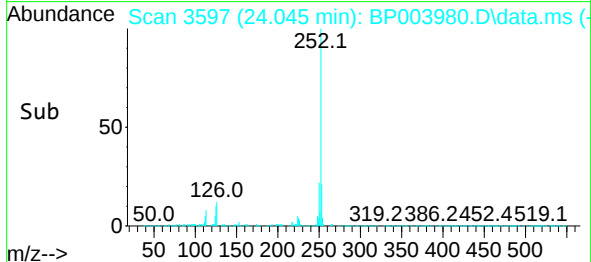
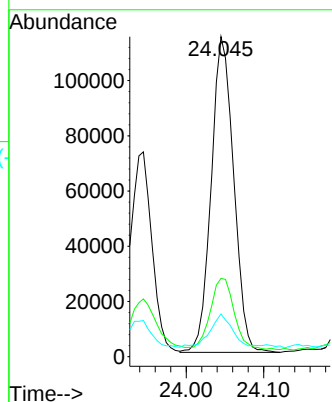
Instrument :
BNA_P
ClientSampleId :
OK-02-111320



Tgt Ion:252 Resp: 230307
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.0
125 13.3 8.2 12.4#

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#92
Benzo(g,h,i)perylene
Concen: 3.59 ng
RT: 27.509 min Scan# 4186
Delta R.T. -0.012 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

Tgt Ion:276 Resp: 134719
Ion Ratio Lower Upper
276 100
277 26.7 19.0 28.6
138 21.5 16.6 24.8

