

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
 Data File : BP004000.D
 Acq On : 18 Nov 2020 18:50
 Operator : CG/JU
 Sample : L4770-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FJ-BH-04-4-5

Manual Integrations
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 11/23/2020 11:33:02 PM

Quant Time: Nov 19 01:34:08 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	145857	20.00	ng	0.00
21) Naphthalene-d8	11.116	136	555242	20.00	ng	# 0.00
39) Acenaphthene-d10	14.910	164	328103	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	653435	20.00	ng	# 0.00
76) Chrysene-d12	21.680	240	558504	20.00	ng	0.00
86) Perylene-d12	24.168	264	598899	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	1000630	114.50	ng	0.00
7) Phenol-d6	7.457	99	1274029	101.55	ng	0.00
23) Nitrobenzene-d5	9.446	82	825555	72.82	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	418789	102.05	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	1579040	67.28	ng	0.00
79) Terphenyl-d14	20.139	244	1729994	59.84	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.628	152	68954	2.25	ng	99
50) Dimethylphthalate	14.328	163	255136	9.95	ng	99
71) Phenanthrene	17.680	178	372496	10.16	ng	99
72) Anthracene	17.775	178	155586	4.39	ng	99
75) Fluoranthene	19.616	202	539542	12.75	ng	98
78) Pyrene	19.969	202	546294	14.41	ng	98
81) Benzo(a)anthracene	21.663	228	262578	7.13	ng	97
83) Chrysene	21.716	228	270922m	7.66	ng	
87) Indeno(1,2,3-cd)pyrene	26.745	276	158410m	3.67	ng	
88) Benzo(b)fluoranthene	23.410	252	293207m	7.48	ng	
89) Benzo(k)fluoranthene	23.445	252	115872m	2.99	ng	
90) Benzo(a)pyrene	24.057	252	248775	6.86	ng	# 88
92) Benzo(g,h,i)perylene	27.539	276	168849	4.84	ng	97

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

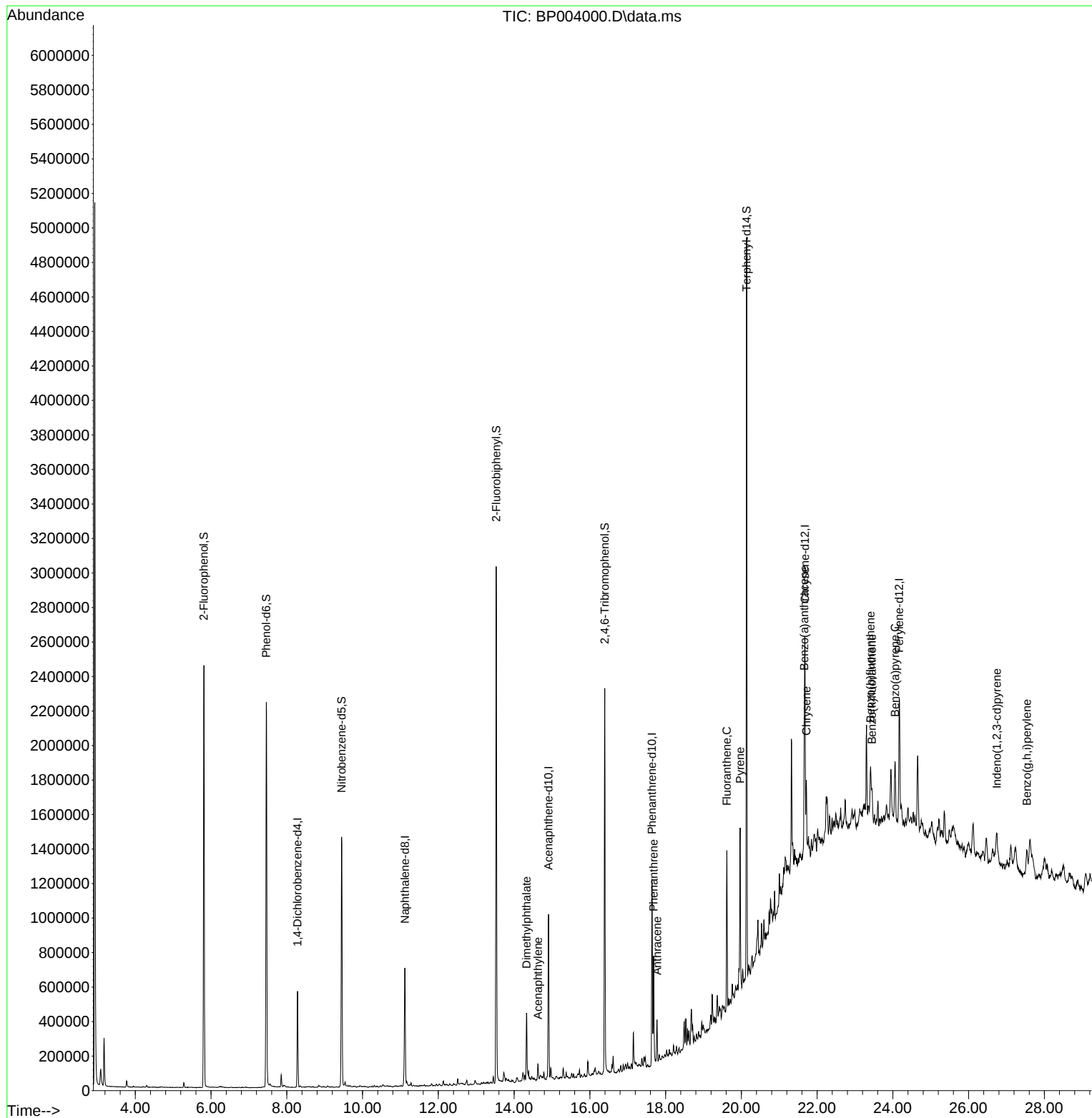
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Data File : BP004000.D
Acq On : 18 Nov 2020 18:50
Operator : CG/JU
Sample : L4770-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

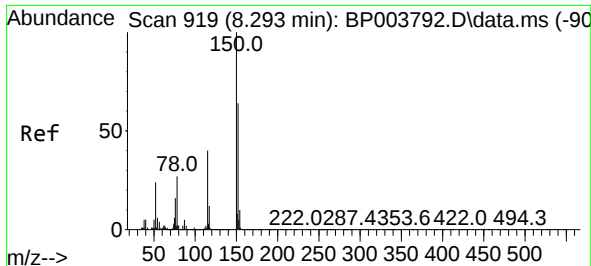
Instrument :
BNA_P
ClientSampled :
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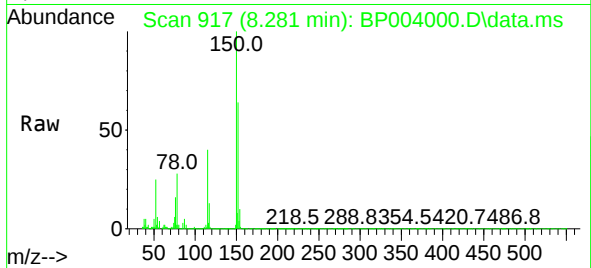
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Quant Time: Nov 19 01:34:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration

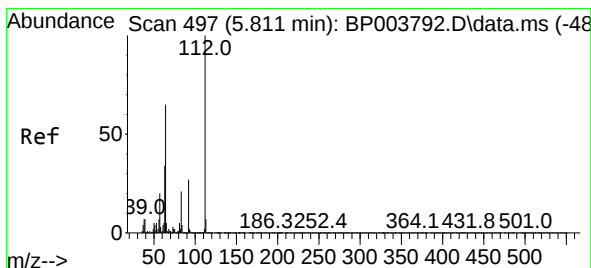
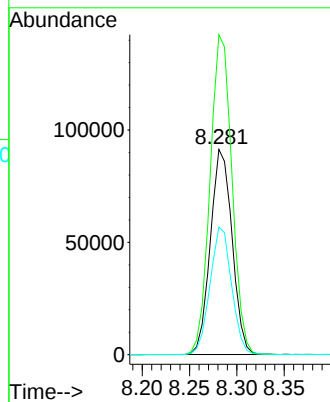
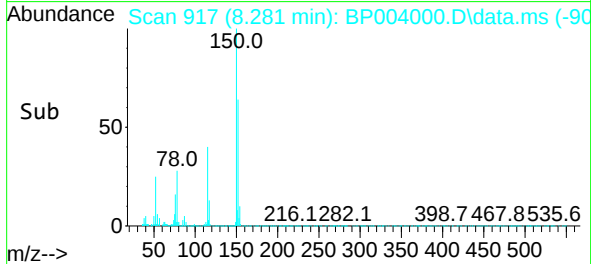




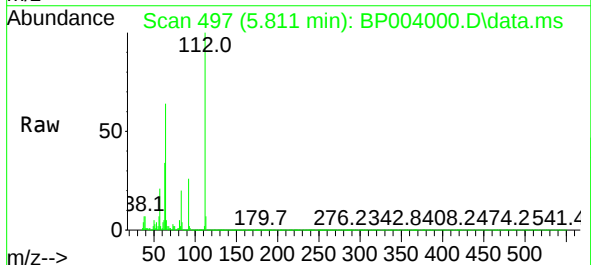
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP004000.D
Acq: 18 Nov 2020 18:50



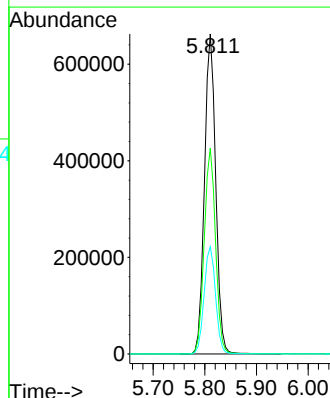
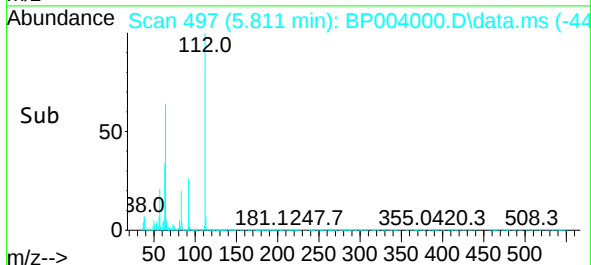
Tgt Ion:152 Resp: 145857
Ion Ratio Lower Upper
152 100
150 155.9 123.8 185.6
115 62.2 43.8 65.6



#5
2-Fluorophenol
Concen: 114.50 ng
RT: 5.811 min Scan# 497
Delta R.T. 0.006 min
Lab File: BP004000.D
Acq: 18 Nov 2020 18:50



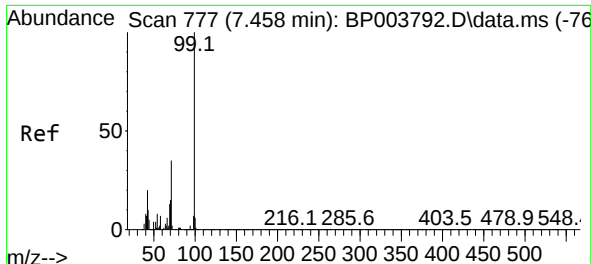
Tgt Ion:112 Resp: 1000630
Ion Ratio Lower Upper
112 100
64 64.3 32.8 49.2#
63 33.5 17.0 25.4#



Instrument :
BNA_P
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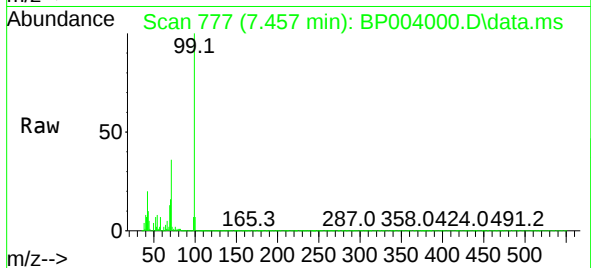
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#7
Phenol-d6
Concen: 101.55 ng
RT: 7.457 min Scan# 777
Delta R.T. 0.006 min
Lab File: BP004000.D
Acq: 18 Nov 2020 18:50

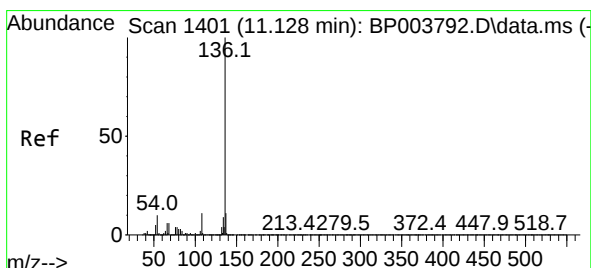
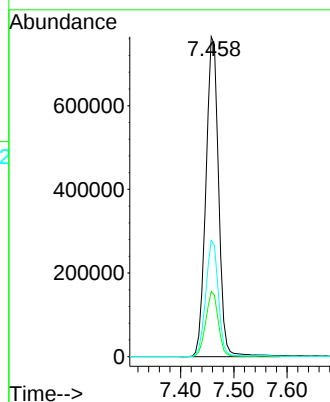
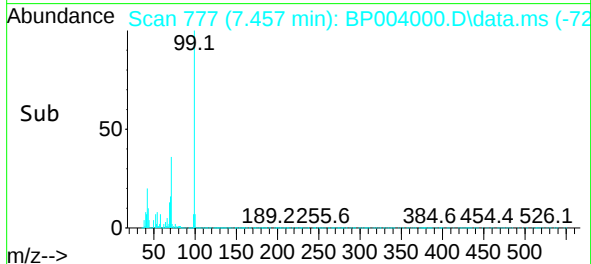
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BNA_P
ClientSampled :
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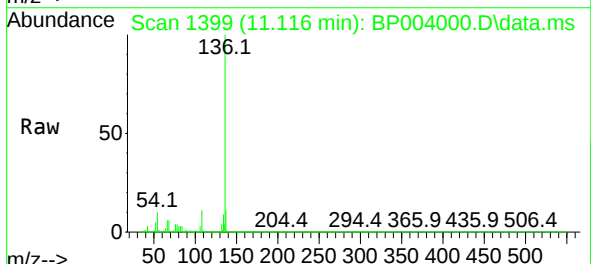
Tgt Ion: 99 Resp: 1274029
Ion Ratio Lower Upper
99 100
42 20.3 8.6 13.0#
71 36.4 23.4 35.2#

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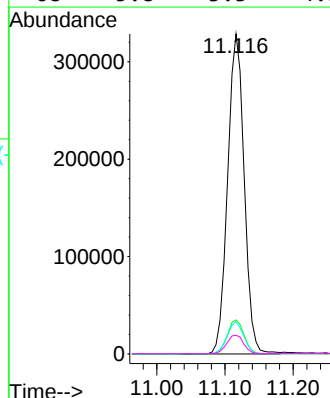
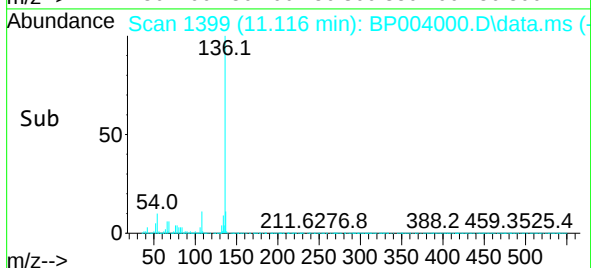
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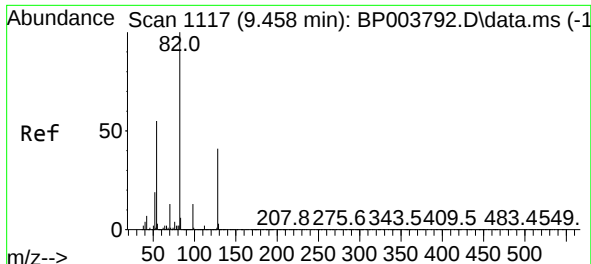


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.116 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BP004000.D
Acq: 18 Nov 2020 18:50



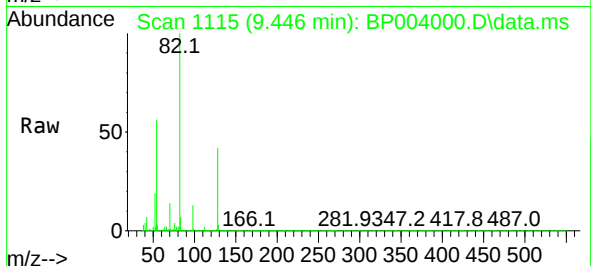
Tgt Ion: 136 Resp: 555242
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.1 3.6 5.4#
68 5.8 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 72.82 ng
RT: 9.446 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BP004000.D
Acq: 18 Nov 2020 18:50

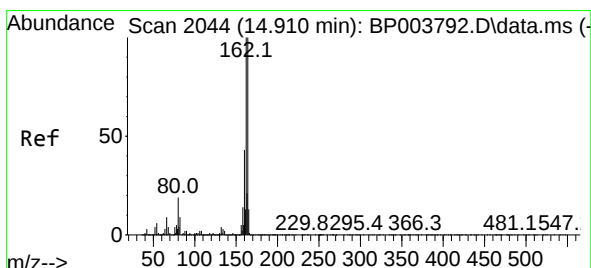
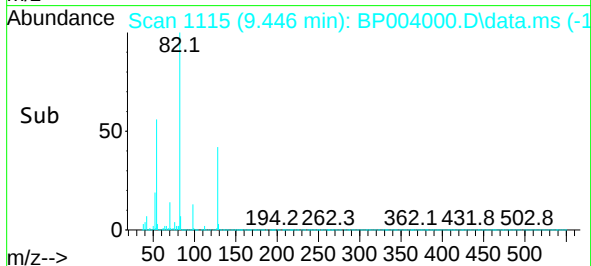
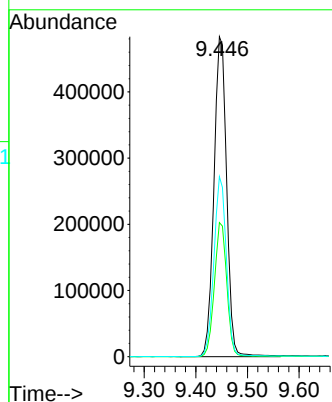
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 82 Resp: 825555
Ion Ratio Lower Upper
82 100
128 41.9 45.6 68.4#
54 56.2 30.1 45.1#

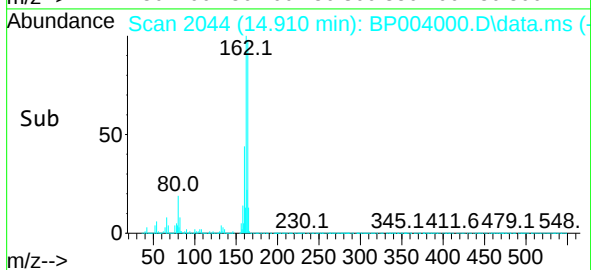
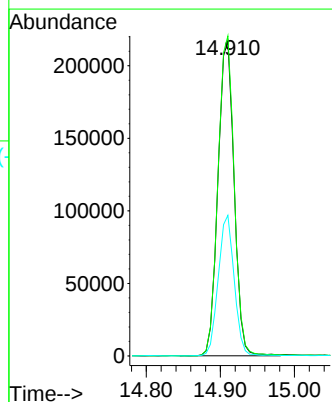
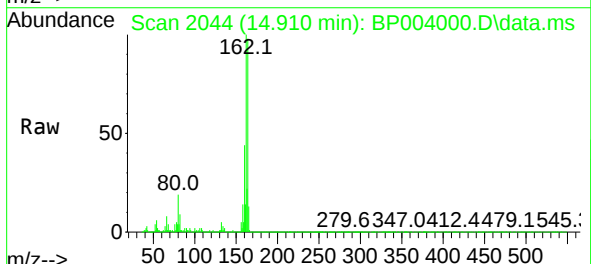
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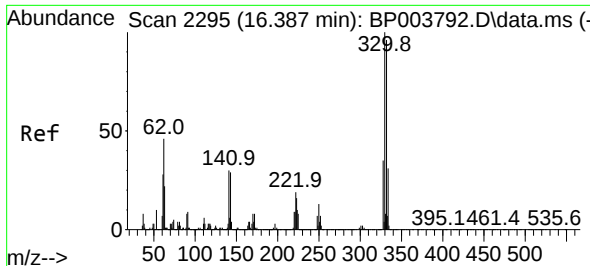
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.910 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP004000.D
Acq: 18 Nov 2020 18:50

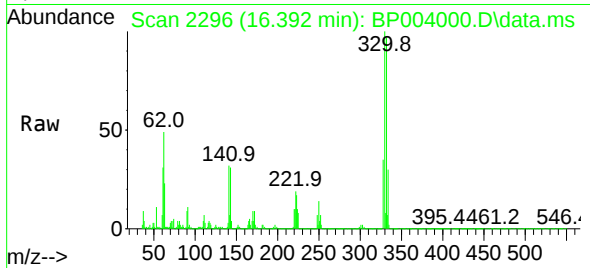
Tgt Ion: 164 Resp: 328103
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.2
160 44.7 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 102.05 ng
RT: 16.392 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP004000.D
Acq: 18 Nov 2020 18:50

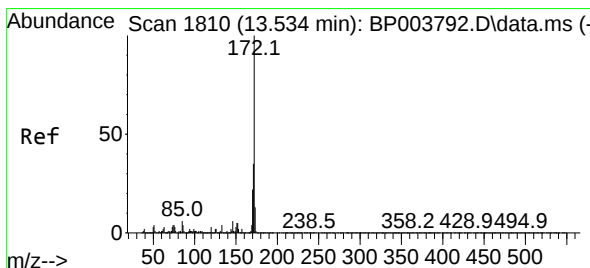
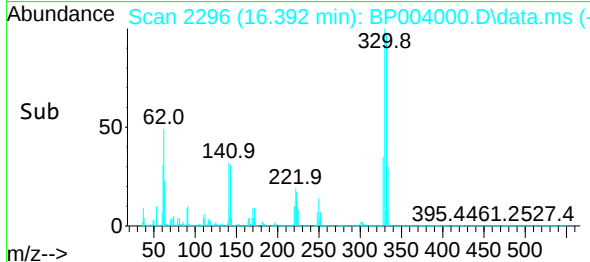
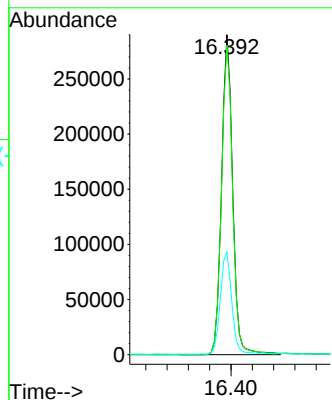
Instrument :
BNA_P
ClientSampled :
FJ-BH-04-4-5



Tgt Ion:330 Resp: 418789
Ion Ratio Lower Upper
330 100
332 98.2 77.1 115.7
141 33.2 23.4 35.2

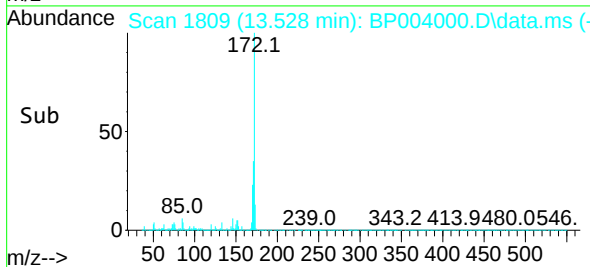
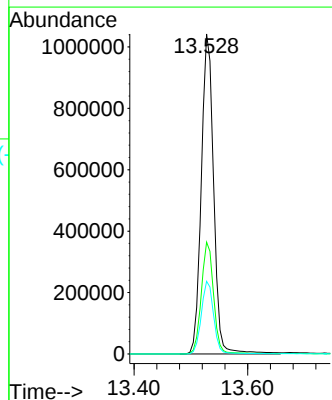
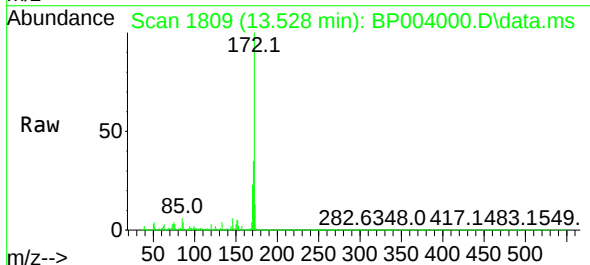
Manual Integrations
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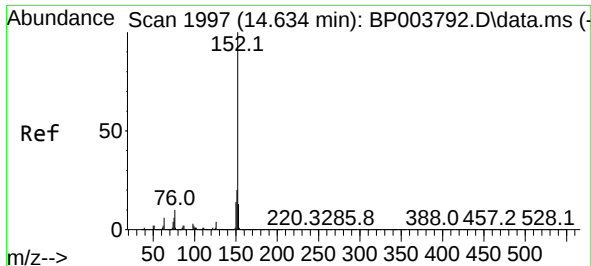
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#45
2-Fluorobiphenyl
Concen: 67.28 ng
RT: 13.528 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BP004000.D
Acq: 18 Nov 2020 18:50

Tgt Ion:172 Resp: 1579040
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 22.7 19.2 28.8





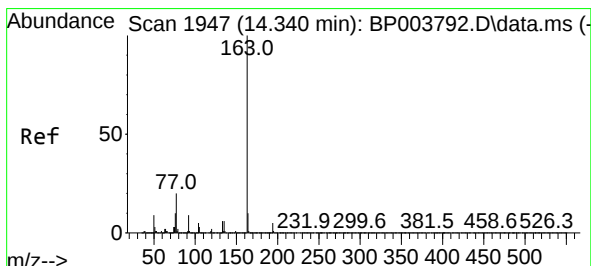
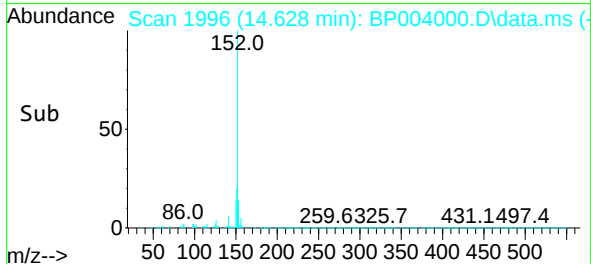
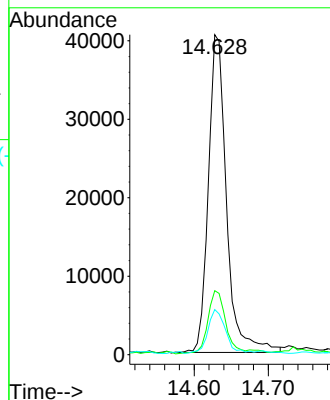
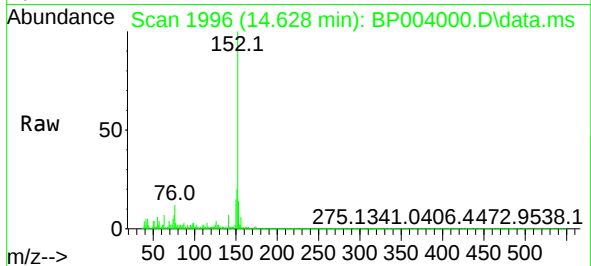
#49
Acenaphthylene
Concen: 2.25 ng
RT: 14.628 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BP004000.D
Acq: 18 Nov 2020 18:50

Tgt Ion:152 Resp: 68954
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 14.1 10.5 15.7

Instrument :
BNA_P
ClientSampled :
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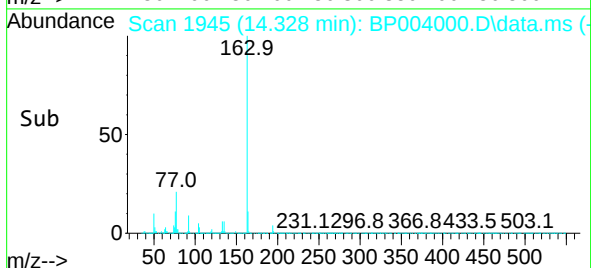
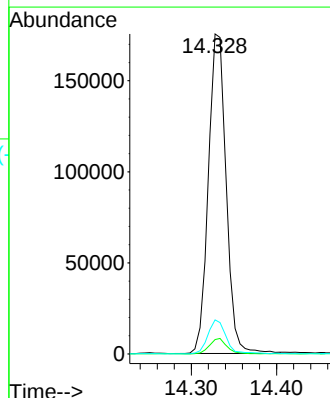
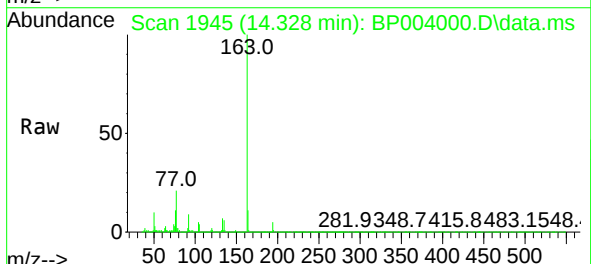
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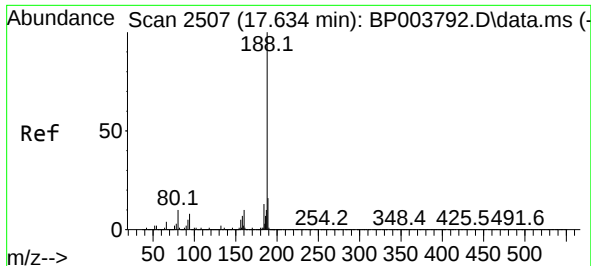
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#50
Dimethylphthalate
Concen: 9.95 ng
RT: 14.328 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP004000.D
Acq: 18 Nov 2020 18:50

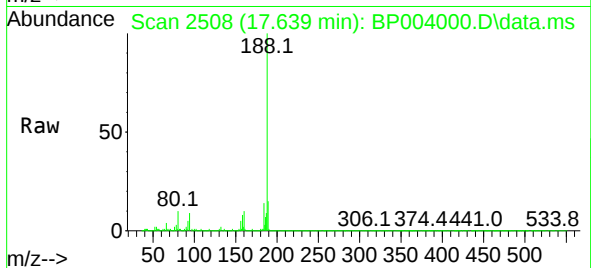
Tgt Ion:163 Resp: 255136
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.7 8.2 12.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.639 min Scan# 2508
Delta R.T. 0.000 min
Lab File: BP004000.D
Acq: 18 Nov 2020 18:50

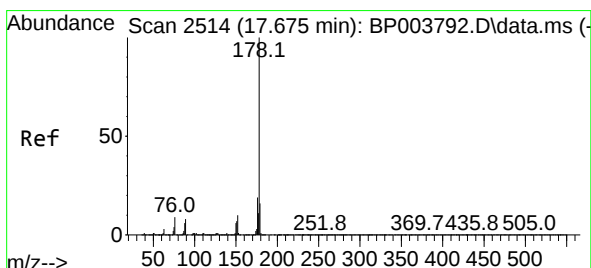
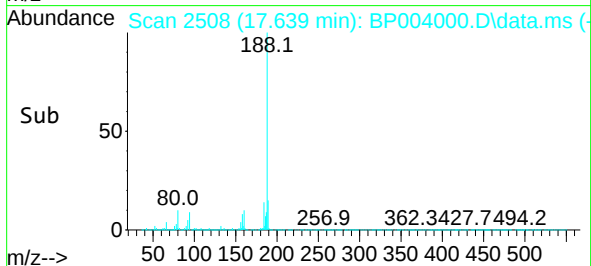
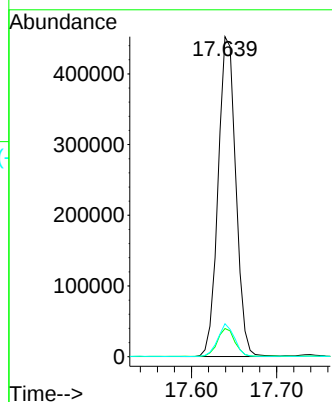
Instrument :
BNA_P
ClientSampleId :
FJ-BH-04-4-5



Tgt Ion:188 Resp: 653435
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 10.3 6.2 9.2#

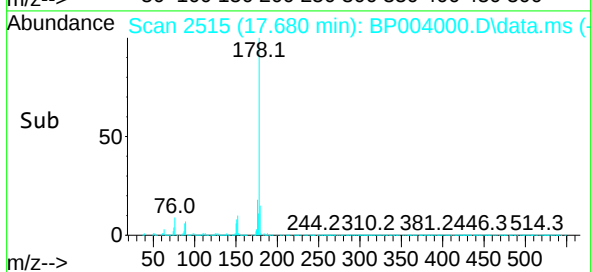
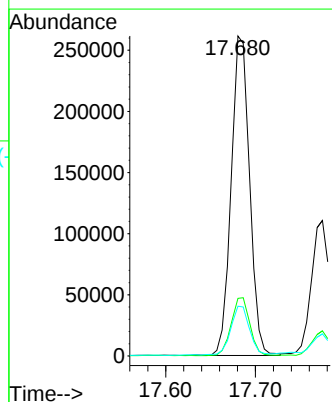
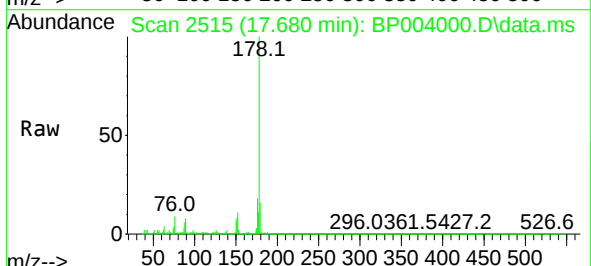
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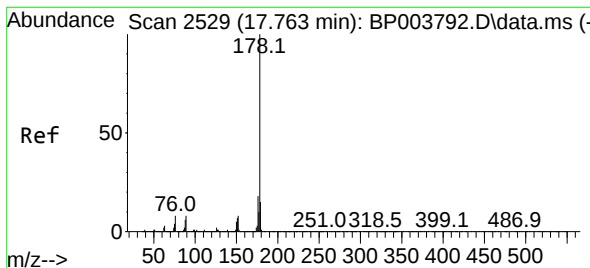
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#71
Phenanthrene
Concen: 10.16 ng
RT: 17.680 min Scan# 2515
Delta R.T. 0.000 min
Lab File: BP004000.D
Acq: 18 Nov 2020 18:50

Tgt Ion:178 Resp: 372496
Ion Ratio Lower Upper
178 100
176 18.0 15.3 22.9
179 15.5 12.5 18.7





#72

Anthracene

Concen: 4.39 ng

RT: 17.775 min Scan# 2531

Delta R.T. 0.006 min

Lab File: BP004000.D

Acq: 18 Nov 2020 18:50

Tgt Ion:	178	Resp:	155586
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.0	22.4
179	16.3	12.5	18.7

Instrument :

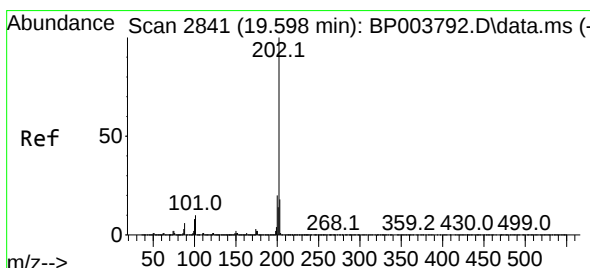
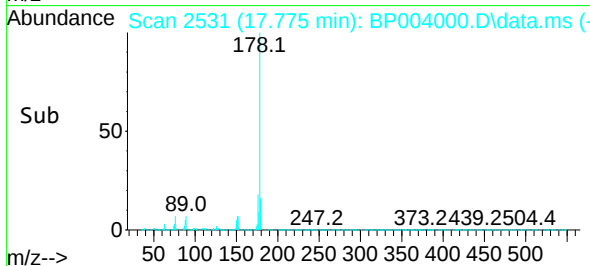
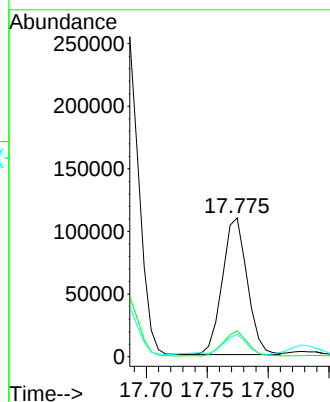
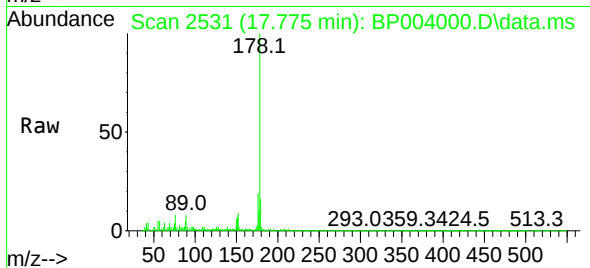
BNA_P

ClientSampleId :

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#75

Fluoranthene

Concen: 12.75 ng

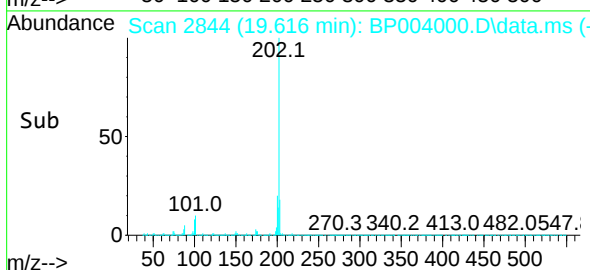
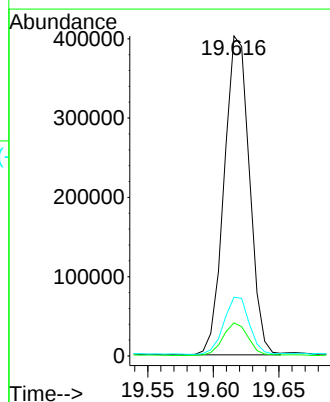
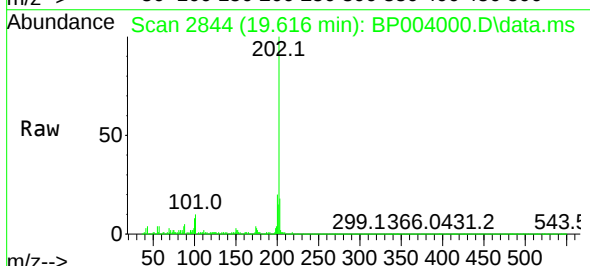
RT: 19.616 min Scan# 2844

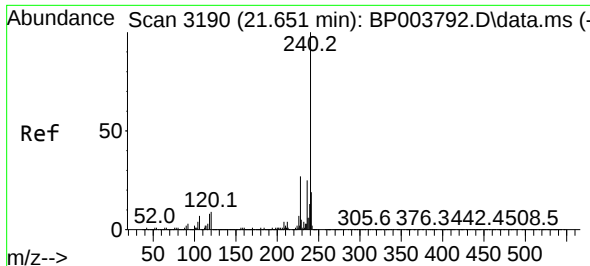
Delta R.T. 0.000 min

Lab File: BP004000.D

Acq: 18 Nov 2020 18:50

Tgt Ion:	202	Resp:	539542
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	29.4
203	18.4	0.0	37.8





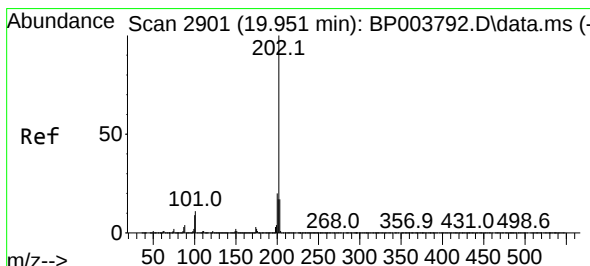
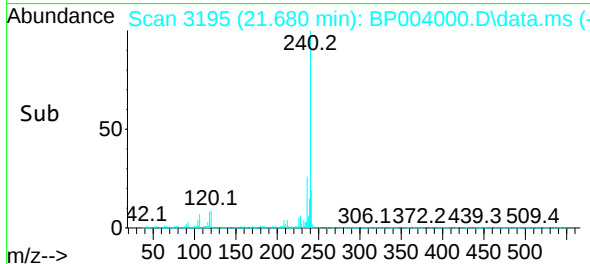
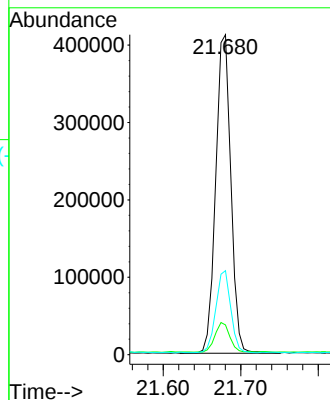
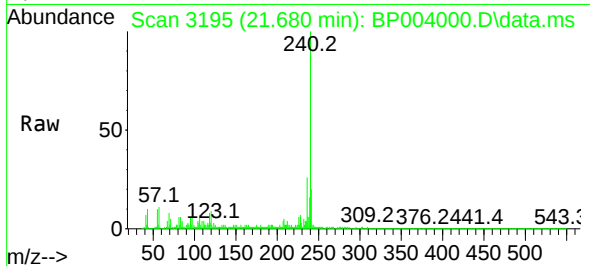
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.680 min Scan# 3195
Delta R.T. 0.006 min
Lab File: BP004000.D
Acq: 18 Nov 2020 18:50

Tgt Ion:240 Resp: 558504
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 26.2 20.8 31.2

Instrument :
BNA_P
ClientSampled :
FJ-BH-04-4-5

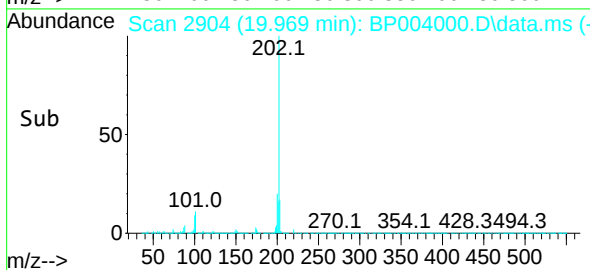
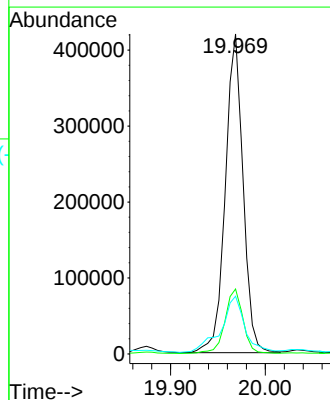
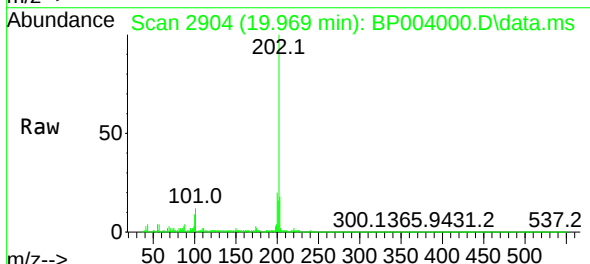
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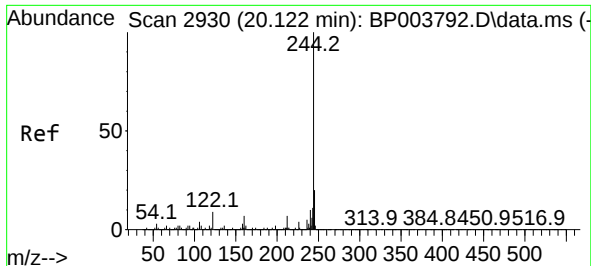
mohammad
11/23/2020 11:33:02 PM



#78
Pyrene
Concen: 14.41 ng
RT: 19.969 min Scan# 2904
Delta R.T. 0.006 min
Lab File: BP004000.D
Acq: 18 Nov 2020 18:50

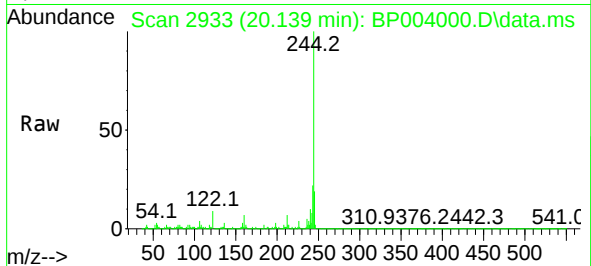
Tgt Ion:202 Resp: 546294
Ion Ratio Lower Upper
202 100
200 20.3 17.1 25.7
203 18.0 14.2 21.2





#79
 Terphenyl-d14
 Concen: 59.84 ng
 RT: 20.139 min Scan# 2933
 Delta R.T. 0.006 min
 Lab File: BP004000.D
 Acq: 18 Nov 2020 18:50

Instrument :
 BNA_P
 ClientSampled :
 FJ-BH-04-4-5

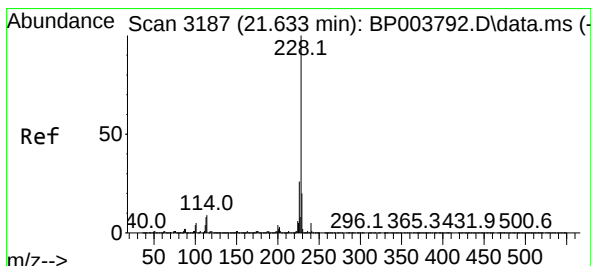
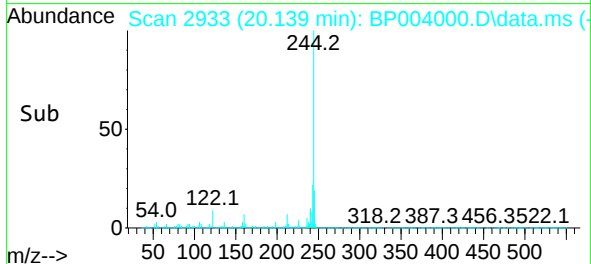
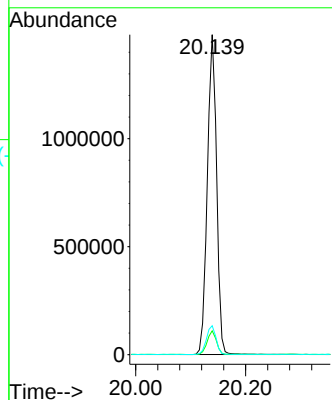


Tgt Ion:244 Resp: 1729994

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	9.0	7.8	11.8

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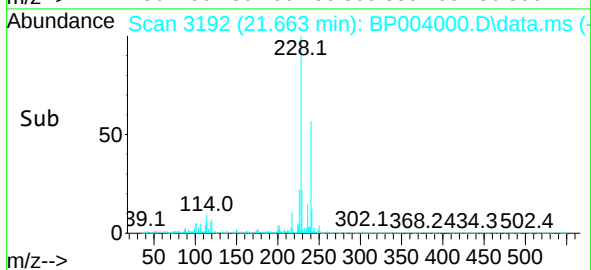
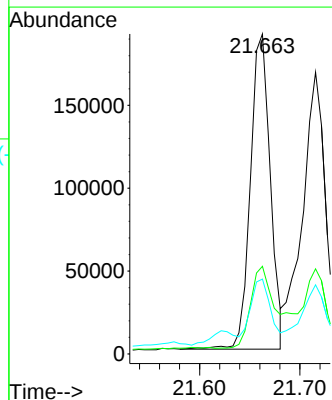
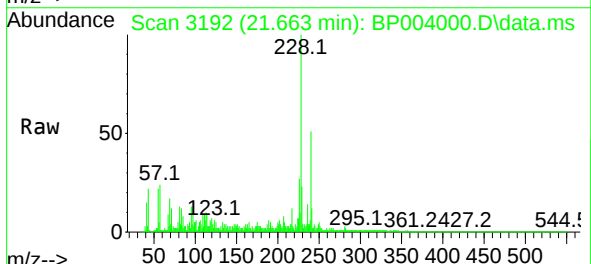
mohammad
 11/23/2020 11:33:02 PM

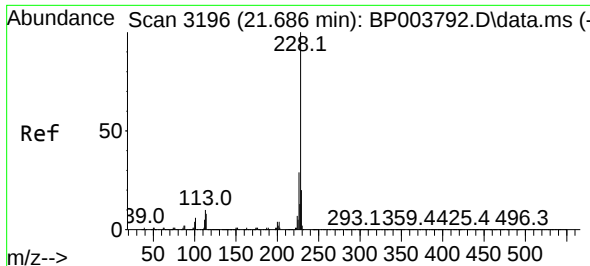


#81
 Benzo(a)anthracene
 Concen: 7.13 ng
 RT: 21.663 min Scan# 3192
 Delta R.T. 0.006 min
 Lab File: BP004000.D
 Acq: 18 Nov 2020 18:50

Tgt Ion:228 Resp: 262578

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	23.4	15.9	23.9





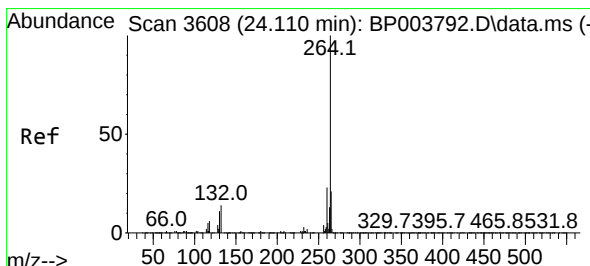
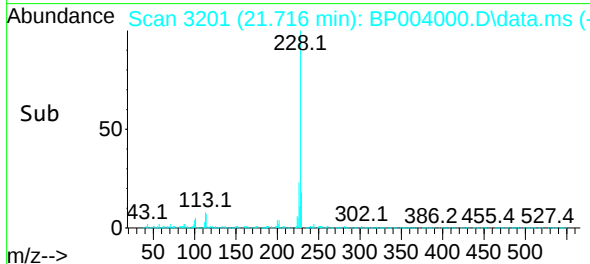
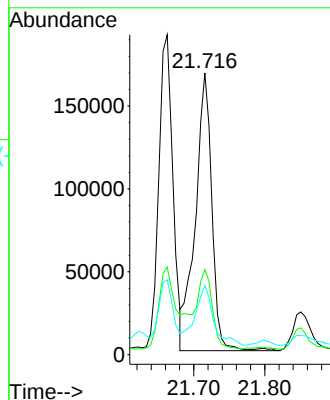
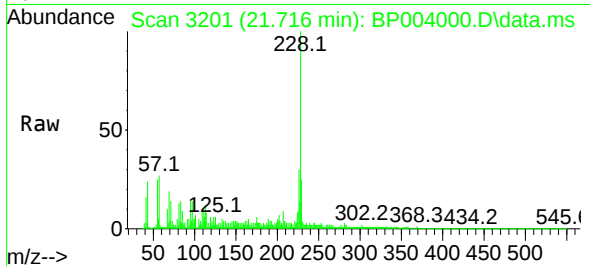
#83
Chrysene
Concen: 7.66 ng m
RT: 21.716 min Scan# 3201
Delta R.T. 0.000 min
Lab File: BP004000.D
Acq: 18 Nov 2020 18:50

Tgt Ion: 228 Resp: 270922
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 24.5 15.8 23.6#

Instrument :
BNA_P
ClientSampled :
FJ-BH-04-4-5

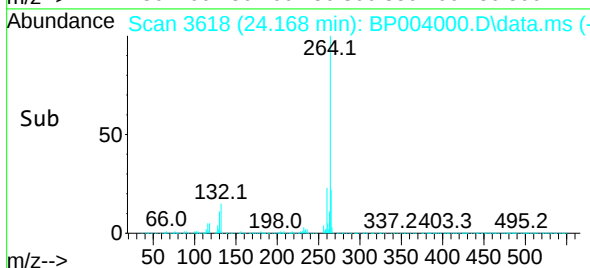
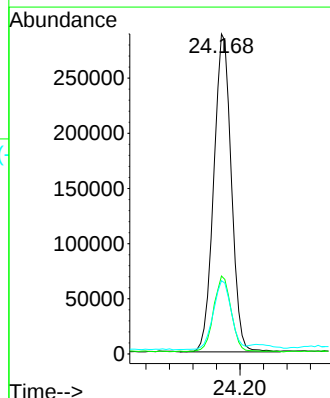
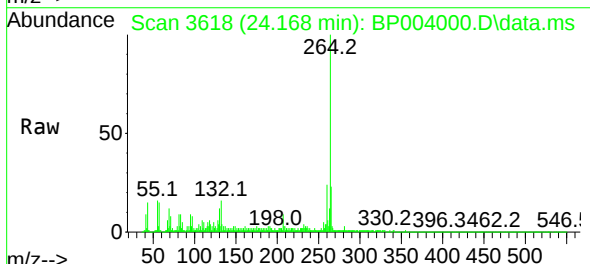
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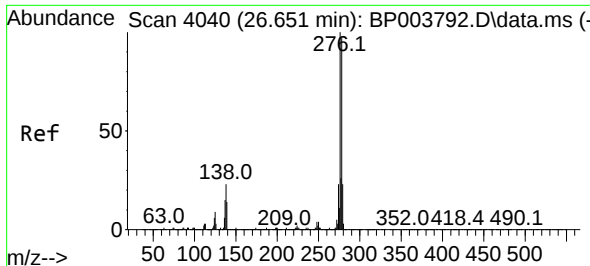
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.168 min Scan# 3618
Delta R.T. 0.012 min
Lab File: BP004000.D
Acq: 18 Nov 2020 18:50

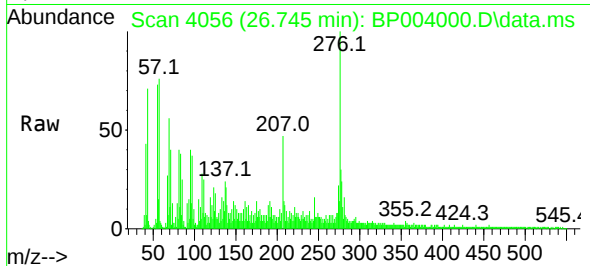
Tgt Ion: 264 Resp: 598899
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 22.9 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.67 ng m
RT: 26.745 min Scan# 4056
Delta R.T. 0.018 min
Lab File: BP004000.D
Acq: 18 Nov 2020 18:50

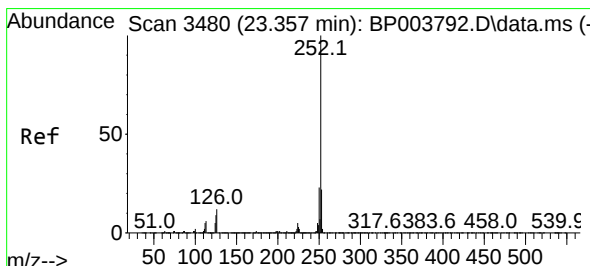
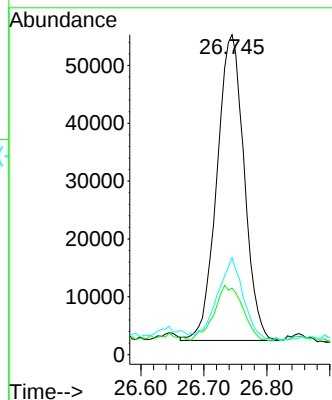
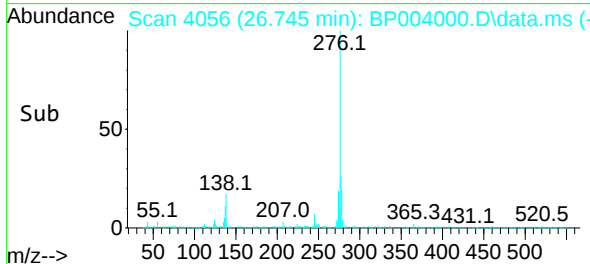
Instrument :
BNA_P
ClientSampleId :
FJ-BH-04-4-5



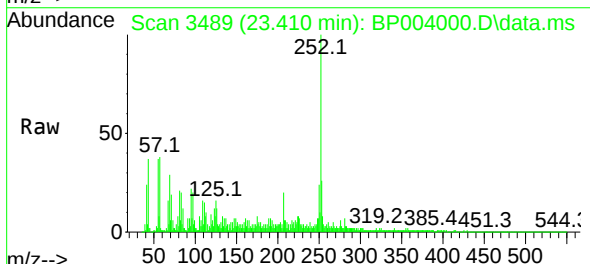
Tgt Ion: 276 Resp: 158410
Ion Ratio Lower Upper
276 100
138 2.1 18.7 28.1#
277 2.5 20.4 30.6#

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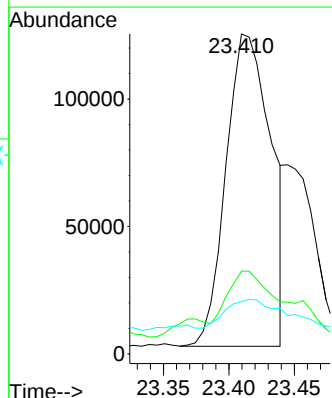
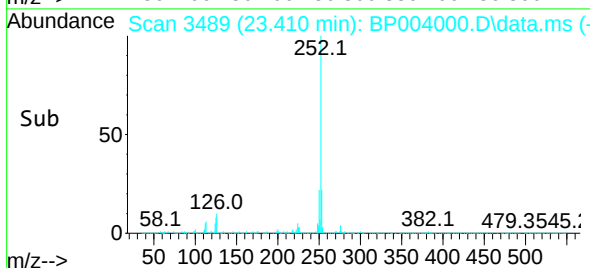
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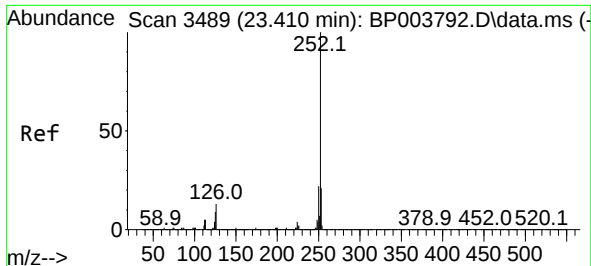


#88
Benzo(b)fluoranthene
Concen: 7.48 ng m
RT: 23.410 min Scan# 3489
Delta R.T. 0.006 min
Lab File: BP004000.D
Acq: 18 Nov 2020 18:50



Tgt Ion: 252 Resp: 293207
Ion Ratio Lower Upper
252 100
253 25.9 17.6 26.4
125 16.4 7.3 10.9#





#89

Benzo(k)fluoranthene

Concen: 2.99 ng m

RT: 23.445 min Scan# 3495

Delta R.T. -0.006 min

Lab File: BP004000.D

Acq: 18 Nov 2020 18:50

Tgt Ion:	252	Resp:	115872
Ion Ratio	Lower	Upper	
252	100		
253	27.4	17.8	26.8#
125	20.3	7.4	11.2#

Instrument :

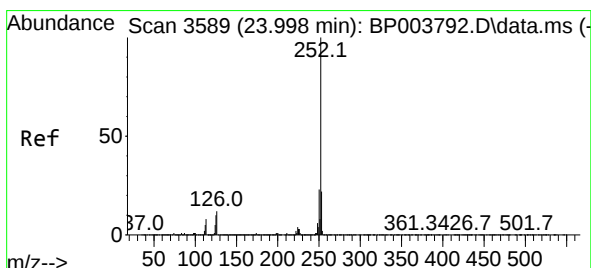
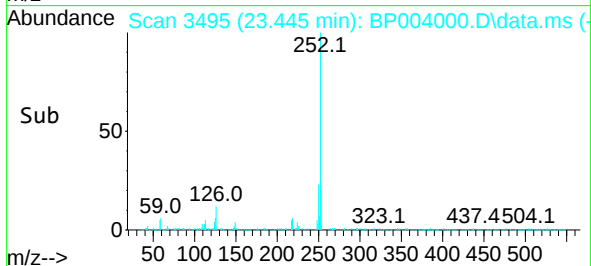
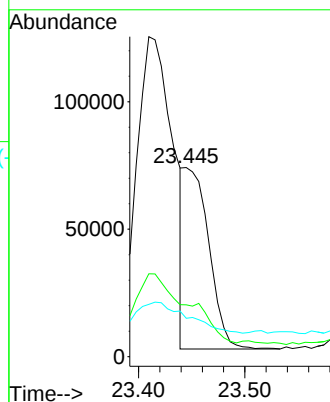
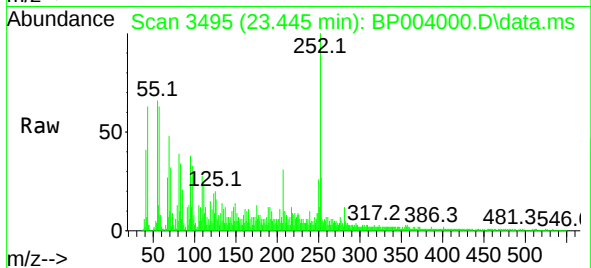
BNA_P

ClientSampleId :

FJ-BH-04-4-5

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 6.86 ng

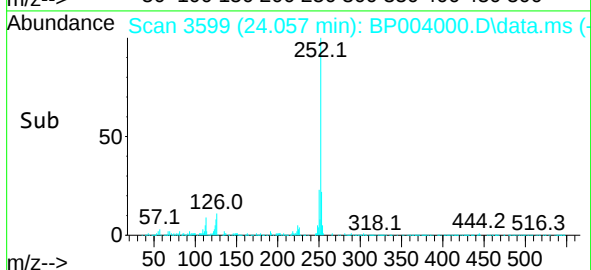
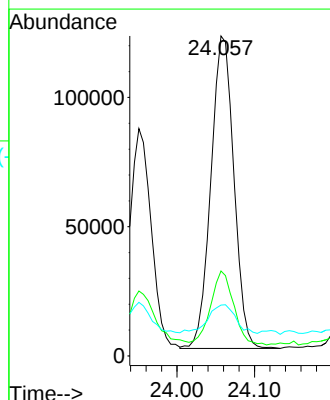
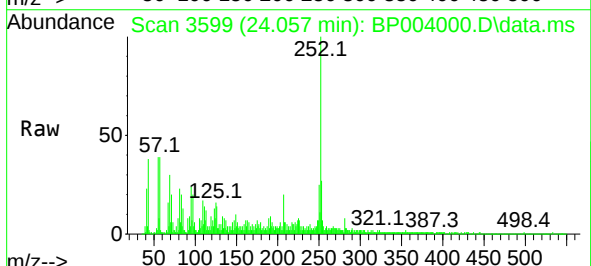
RT: 24.057 min Scan# 3599

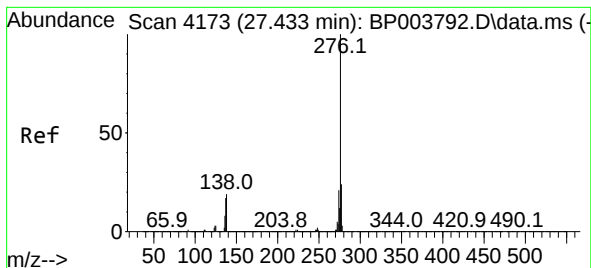
Delta R.T. 0.006 min

Lab File: BP004000.D

Acq: 18 Nov 2020 18:50

Tgt Ion:	252	Resp:	248775
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.4	26.0#
125	15.9	8.2	12.4#





#92

Benzo(g,h,i)perylene

Concen: 4.84 ng

RT: 27.539 min Scan# 4191

Delta R.T. 0.018 min

Lab File: BP004000.D

Acq: 18 Nov 2020 18:50

Tgt Ion: 276 Resp: 168849

Ion Ratio Lower Upper

276 100

277 26.6 19.0 28.6

138 20.6 16.6 24.8

Instrument :

BNA_P

ClientSampleId :

FJ-BH-04-4-5

Manual Integrations

APPROVED

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