

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110920\
 Data File : BP003878.D
 Acq On : 09 Nov 2020 20:47
 Operator : CG/JU
 Sample : L4669-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-110620

Manual Integrations
 APPROVED

mohammad
 11/10/2020 12:00:41 PM

Quant Time: Nov 10 00:24:18 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	220734	20.00	ng	0.00
21) Naphthalene-d8	11.140	136	852532	20.00	ng	# 0.00
39) Acenaphthene-d10	14.922	164	477452	20.00	ng	0.00
64) Phenanthrene-d10	17.651	188	809344	20.00	ng	0.00
76) Chrysene-d12	21.675	240	619288	20.00	ng	0.00
86) Perylene-d12	24.163	264	668873	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	192304	14.54	ng	0.00
7) Phenol-d6	7.469	99	250565	13.20	ng	0.00
23) Nitrobenzene-d5	9.463	82	150586	8.65	ng	0.00
42) 2,4,6-Tribromophenol	16.398	330	74824	12.53	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	356046	10.43	ng	0.00
79) Terphenyl-d14	20.145	244	317564	9.91	ng	0.01
Target Compounds						Qvalue
58) Fluorene	15.957	166	83916	2.37	ng	98
71) Phenanthrene	17.692	178	515660	11.35	ng	99
72) Anthracene	17.781	178	153118	3.49	ng	97
75) Fluoranthene	19.622	202	388410	7.41	ng	99
78) Pyrene	19.975	202	434661	10.34	ng	97
81) Benzo(a)anthracene	21.663	228	191926	4.70	ng	95
83) Chrysene	21.716	228	191533	4.88	ng	96
87) Indeno(1,2,3-cd)pyrene	26.715	276	96568	2.00	ng	# 95
88) Benzo(b)fluoranthene	23.404	252	191601m	4.38	ng	
90) Benzo(a)pyrene	24.051	252	168183	4.15	ng	# 90
92) Benzo(g,h,i)perylene	27.509	276	104627	2.69	ng	92

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

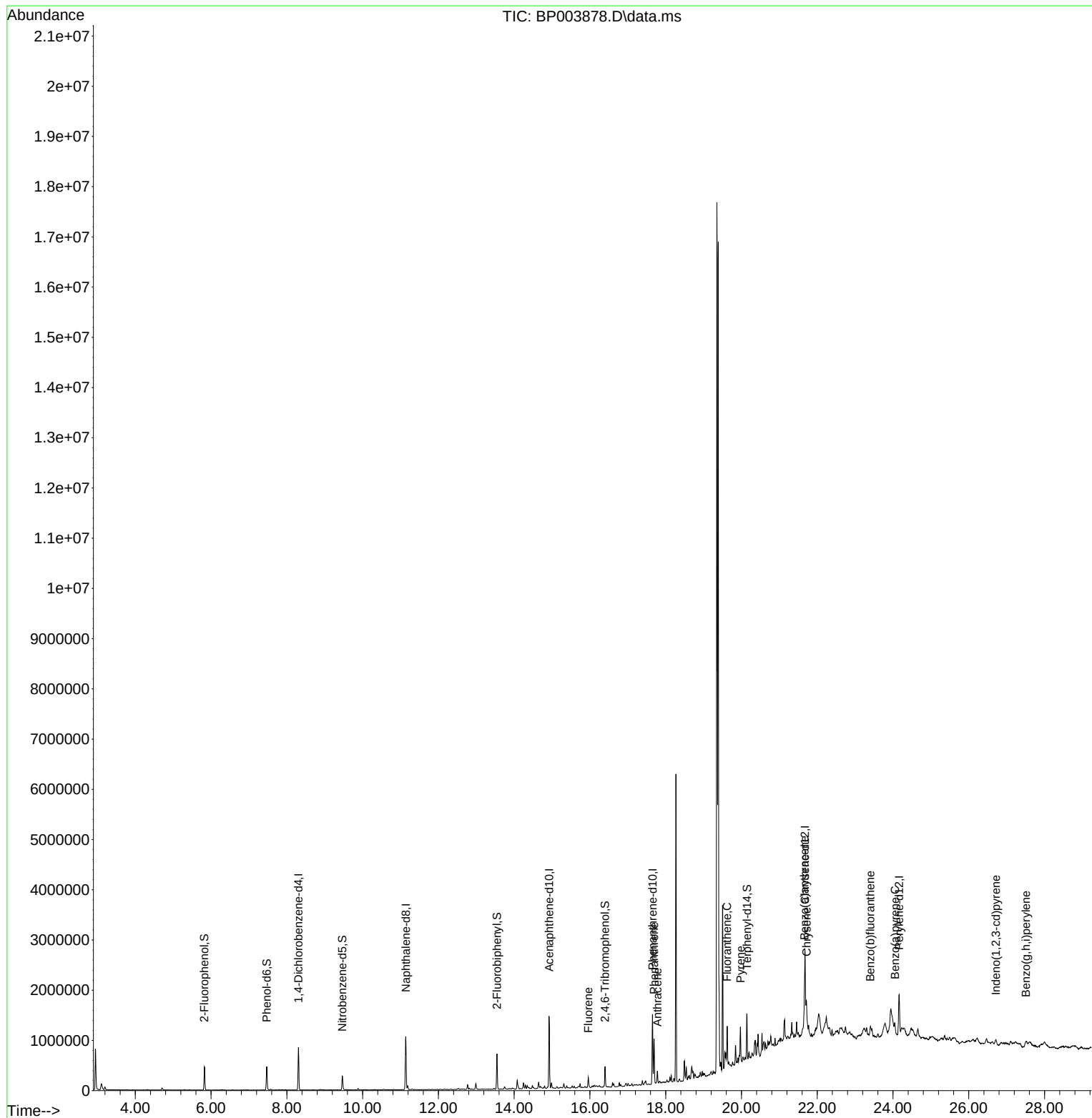
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110920\
Data File : BP003878.D
Acq On : 09 Nov 2020 20:47
Operator : CG/JU
Sample : L4669-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

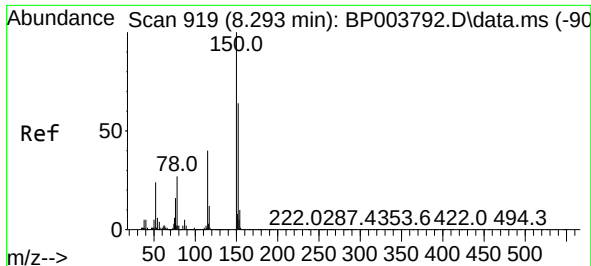
Instrument :
BNA_P
ClientSampleId :
TR-04-110620

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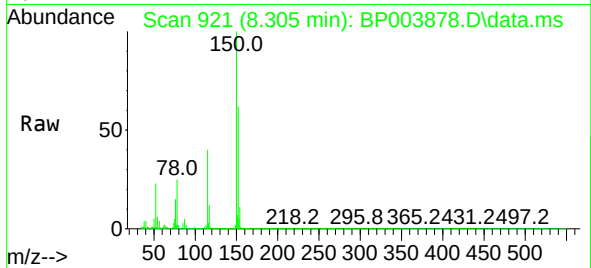
mohammad
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Quant Time: Nov 10 00:24:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 11:33:14 2020
Response via : Initial Calibration

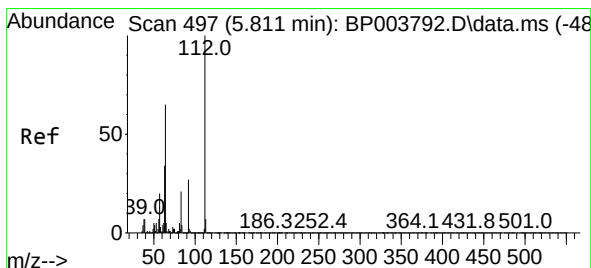
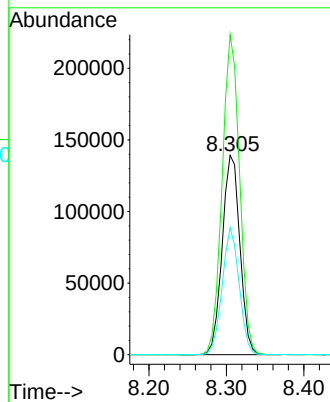
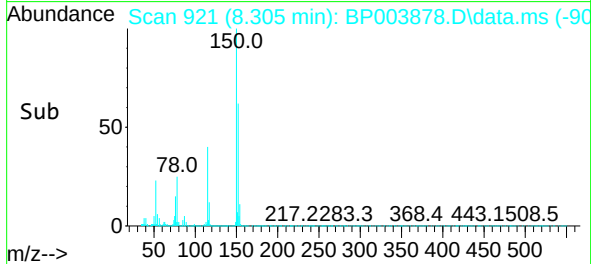




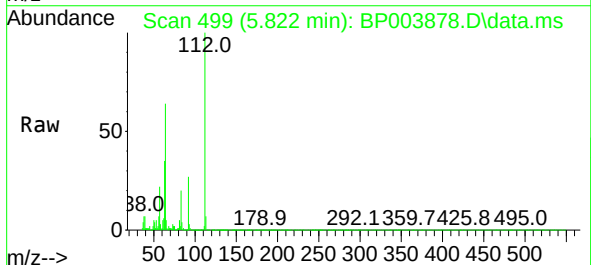
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.305 min Scan# 921
Delta R.T. -0.000 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47



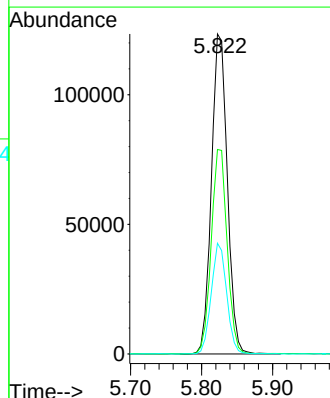
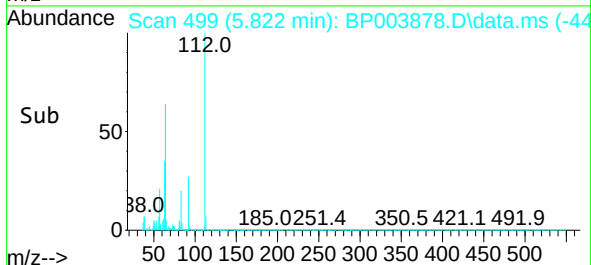
Tgt Ion:152 Resp: 220734
Ion Ratio Lower Upper
152 100
150 160.6 123.8 185.6
115 63.6 43.8 65.6



#5
2-Fluorophenol
Concen: 14.54 ng
RT: 5.822 min Scan# 499
Delta R.T. 0.000 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47



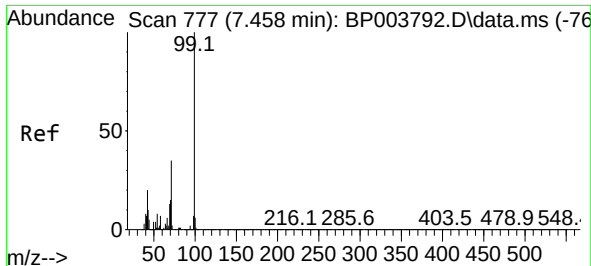
Tgt Ion:112 Resp: 192304
Ion Ratio Lower Upper
112 100
64 63.9 32.8 49.2#
63 34.6 17.0 25.4#



Instrument :
BNA_P
ClientSampleId :
TR-04-110620

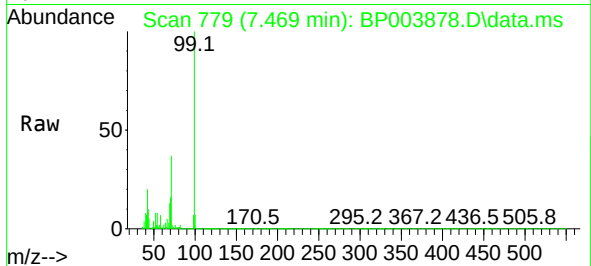
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#7
Phenol-d6
Concen: 13.20 ng
RT: 7.469 min Scan# 779
Delta R.T. 0.000 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

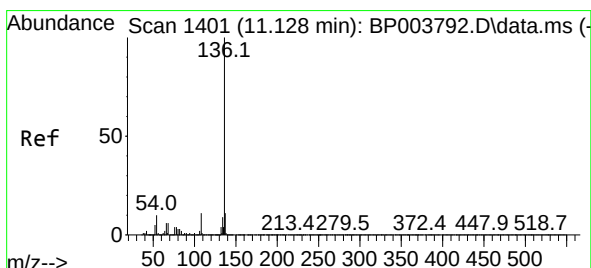
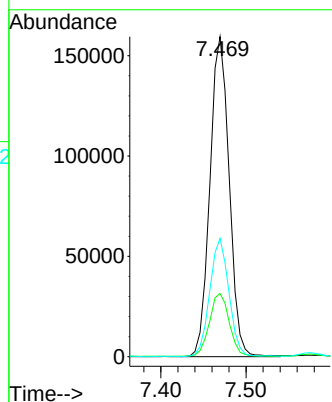
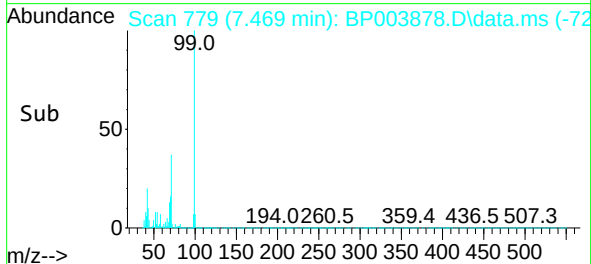
Instrument :
BNA_P
ClientSampleId :
TR-04-110620



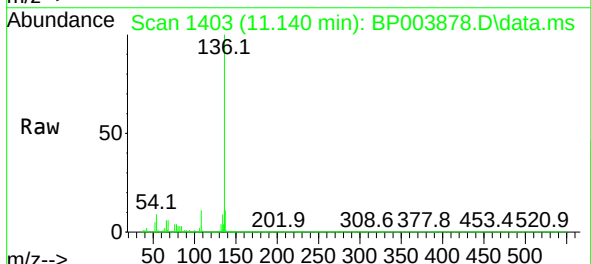
Tgt Ion: 99 Resp: 250565
Ion Ratio Lower Upper
99 100
42 19.8 8.6 13.0#
71 37.0 23.4 35.2#

Manual Integrations
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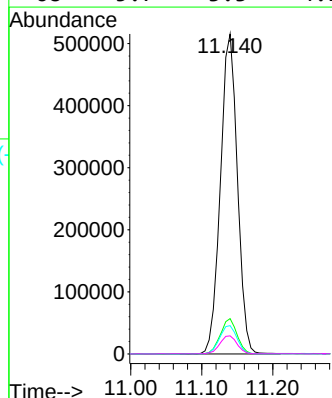
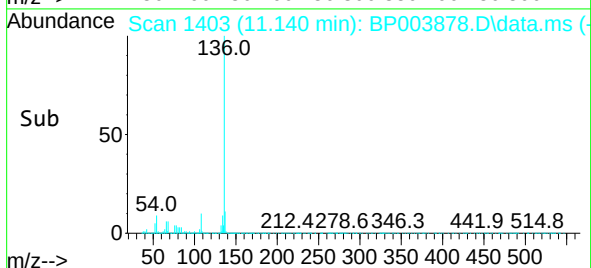
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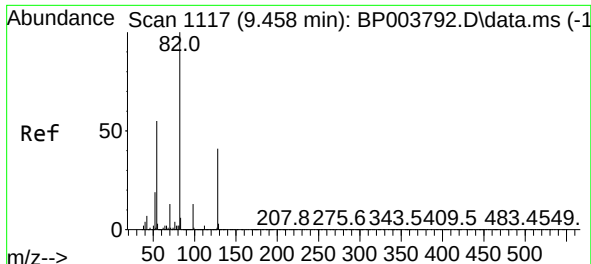


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.140 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47



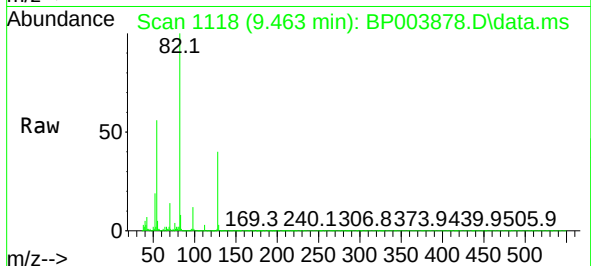
Tgt Ion: 136 Resp: 852532
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.8 3.6 5.4#
68 5.7 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 8.65 ng
RT: 9.463 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

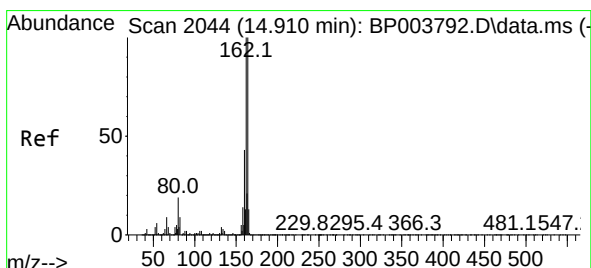
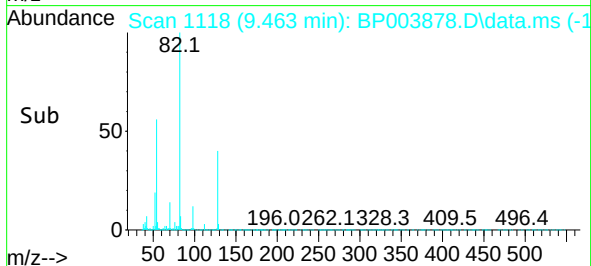
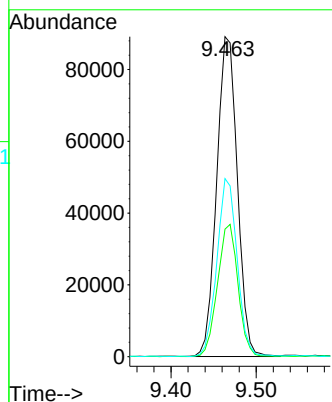
Instrument :
BNA_P
ClientSampleId :
TR-04-110620



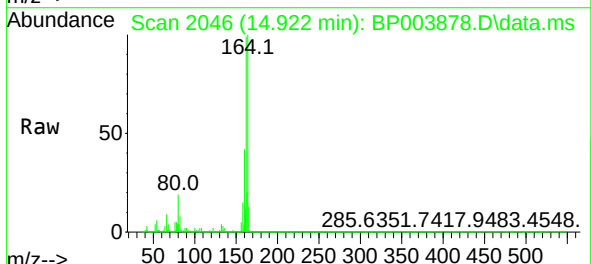
Tgt Ion: 82 Resp: 150586
Ion Ratio Lower Upper
82 100
128 39.9 45.6 68.4#
54 55.7 30.1 45.1#

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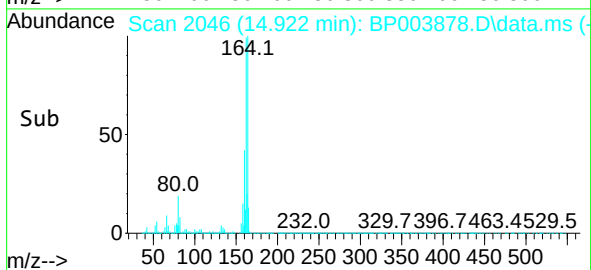
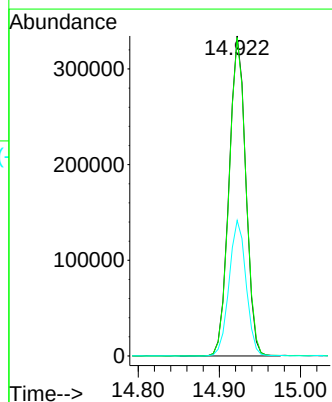
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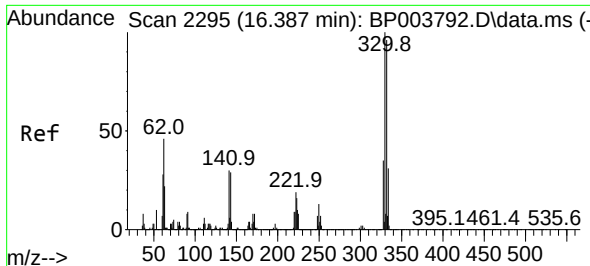


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.922 min Scan# 2046
Delta R.T. 0.006 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47



Tgt Ion: 164 Resp: 477452
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.2
160 42.3 36.1 54.1





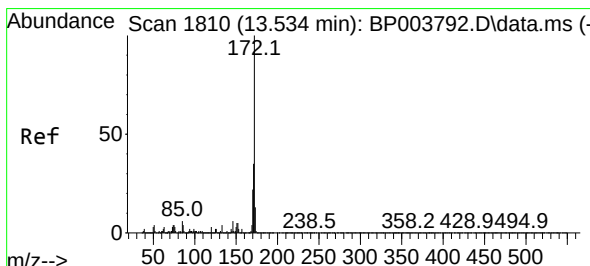
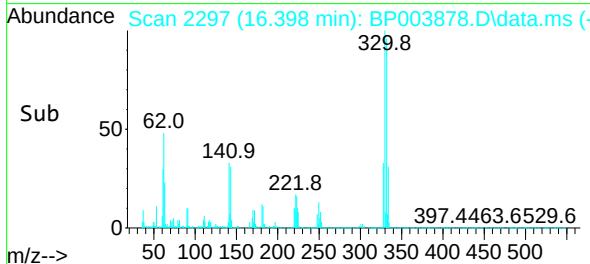
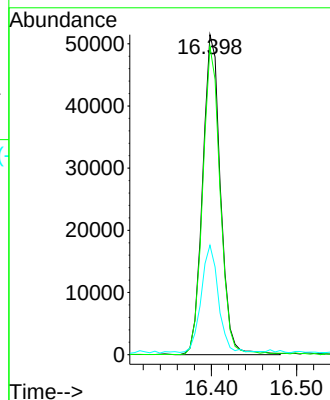
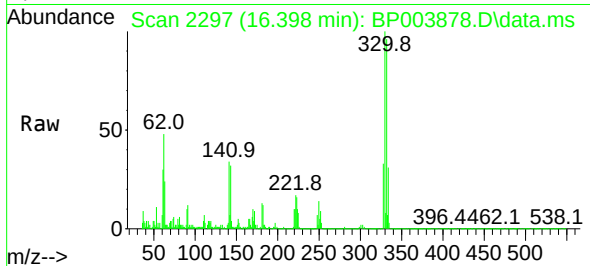
#42
2,4,6-Tribromophenol
Concen: 12.53 ng
RT: 16.398 min Scan# 2297
Delta R.T. 0.000 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.1	115.7
141	32.1	23.4	35.2

Instrument :
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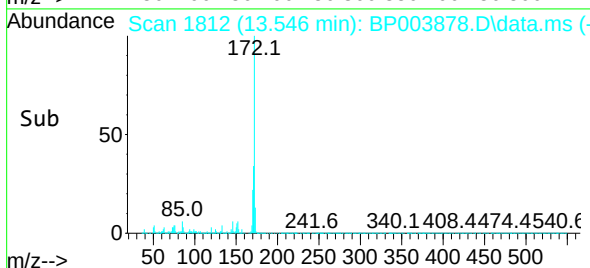
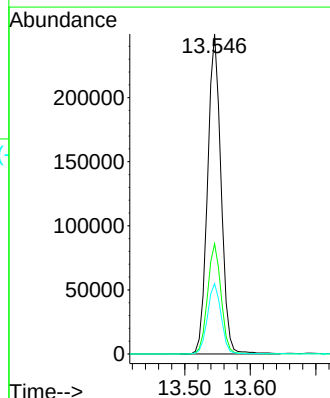
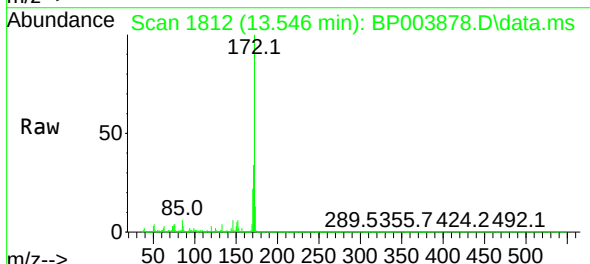
Manual Integrations
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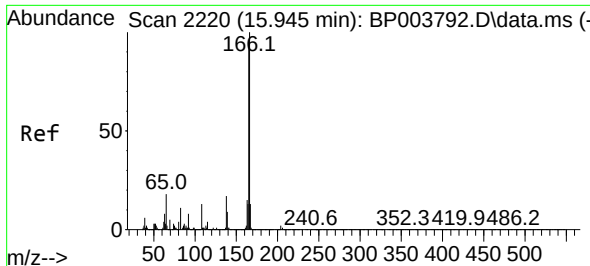
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#45
2-Fluorobiphenyl
Concen: 10.43 ng
RT: 13.546 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

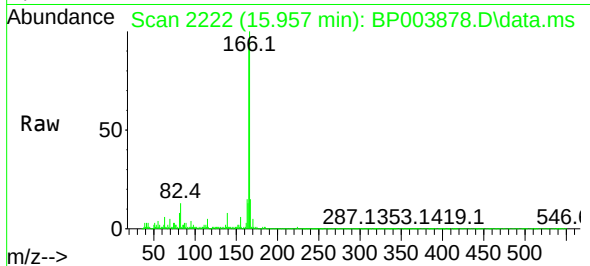
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	22.0	19.2	28.8





#58
Fluorene
Concen: 2.37 ng
RT: 15.957 min Scan# 2222
Delta R.T. 0.000 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

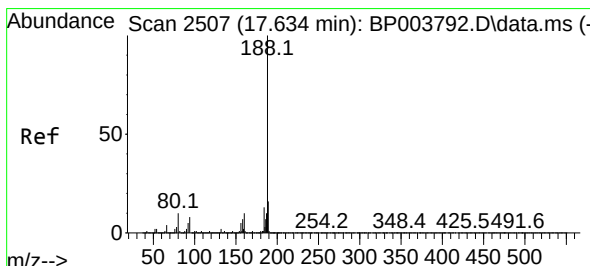
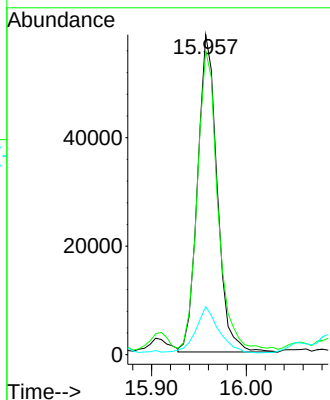
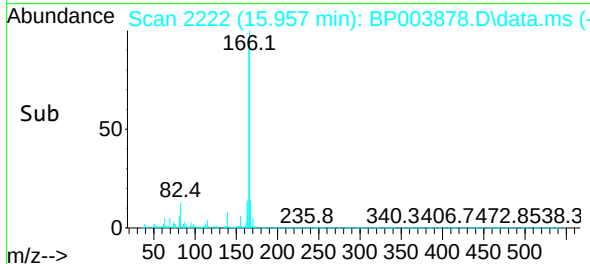
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ClientSampleId :
TR-04-110620



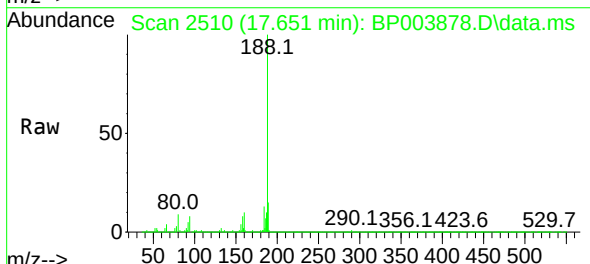
Tgt Ion:166 Resp: 83916
Ion Ratio Lower Upper
166 100
165 95.0 77.8 116.8
167 15.0 11.0 16.4

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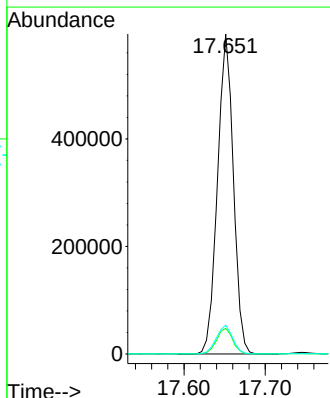
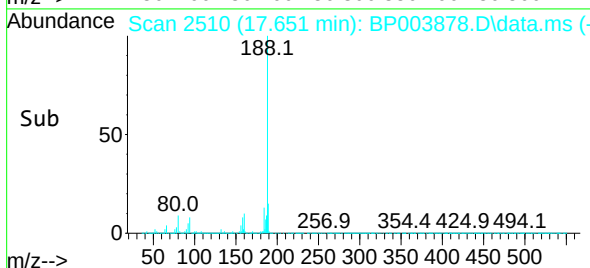
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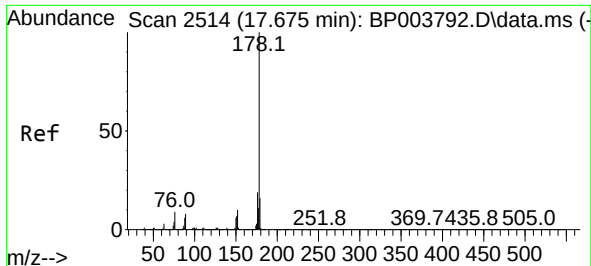


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.651 min Scan# 2510
Delta R.T. 0.006 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47



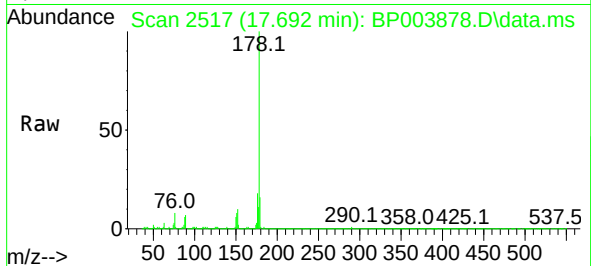
Tgt Ion:188 Resp: 809344
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 9.0 6.2 9.2





#71
Phenanthrene
Concen: 11.35 ng
RT: 17.692 min Scan# 2517
Delta R.T. 0.006 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

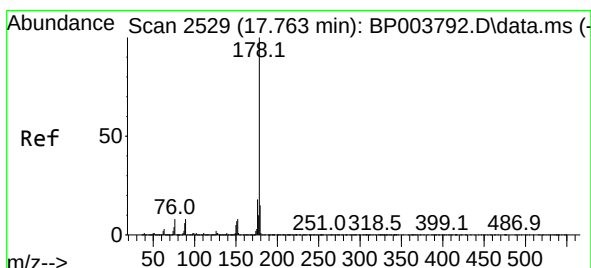
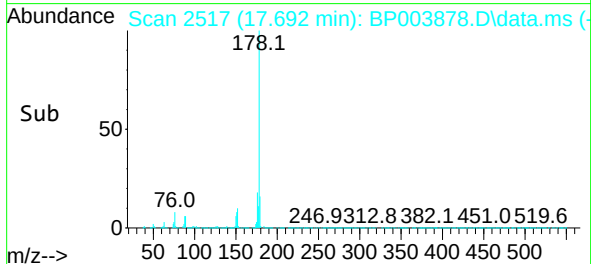
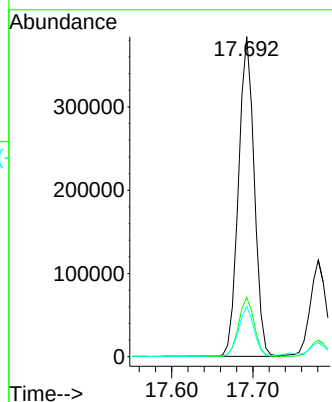
Instrument :
BNA_P
ClientSampleId :
TR-04-110620



Tgt Ion:178 Resp: 515660
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.7 12.5 18.7

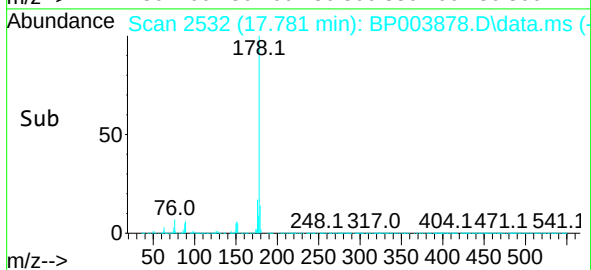
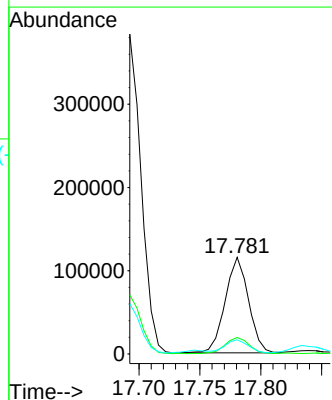
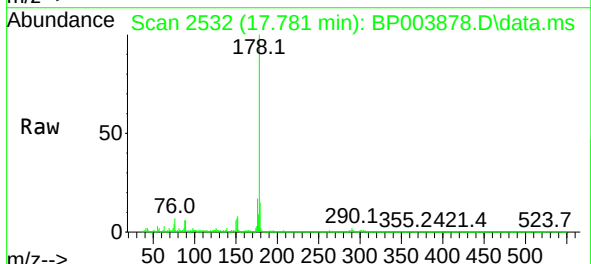
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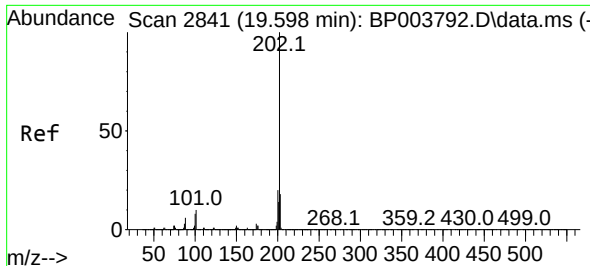
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#72
Anthracene
Concen: 3.49 ng
RT: 17.781 min Scan# 2532
Delta R.T. 0.006 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

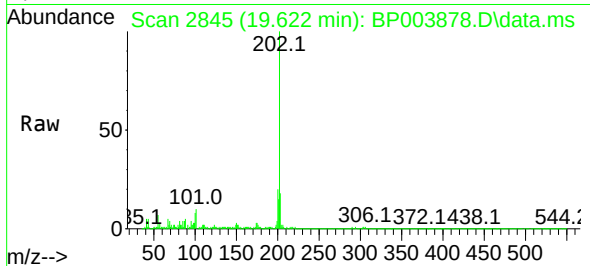
Tgt Ion:178 Resp: 153118
Ion Ratio Lower Upper
178 100
176 17.1 15.0 22.4
179 14.8 12.5 18.7





#75
Fluoranthene
Concen: 7.41 ng
RT: 19.622 min Scan# 2845
Delta R.T. 0.006 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

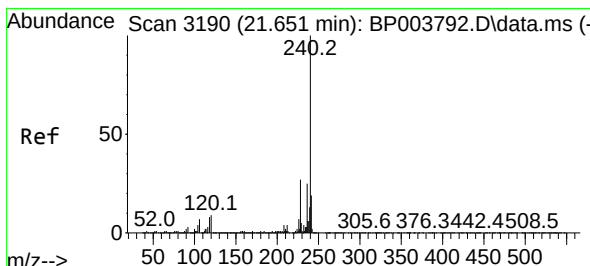
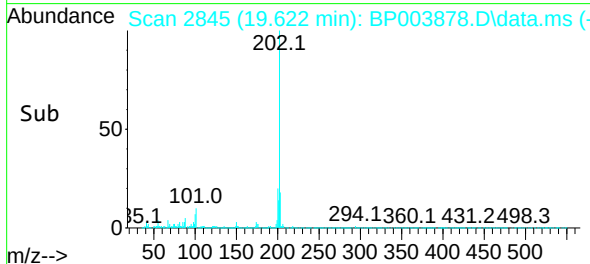
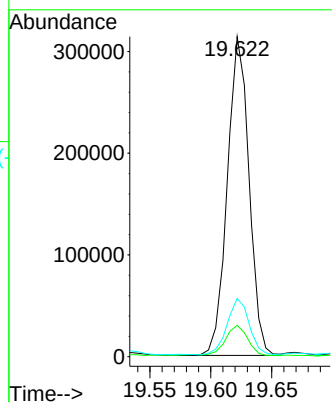
Instrument :
BNA_P
ClientSampleId :
TR-04-110620



Tgt Ion:202 Resp: 388410
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.4
203 18.2 0.0 37.8

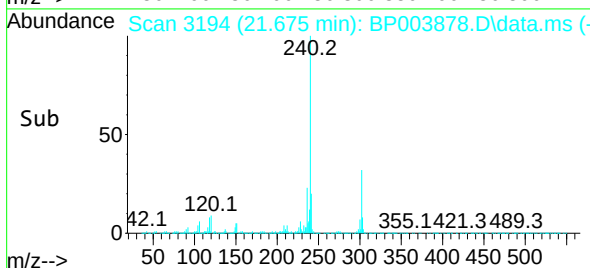
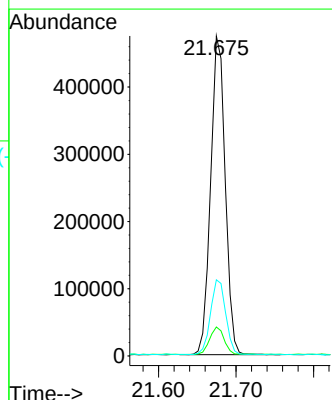
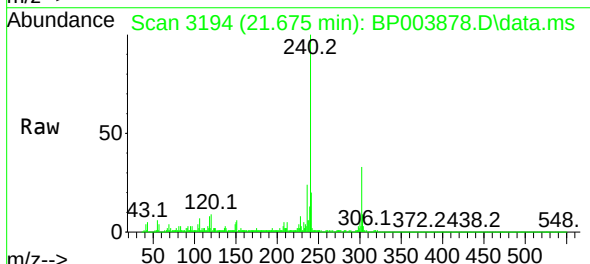
Manual Integrations
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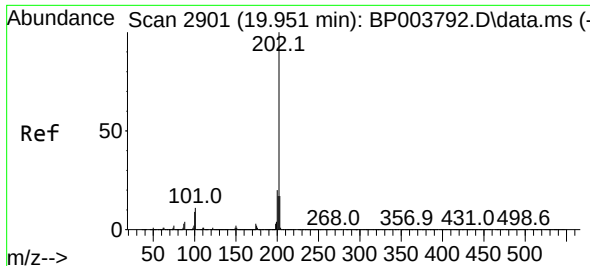
mohammad
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.675 min Scan# 3194
Delta R.T. 0.006 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

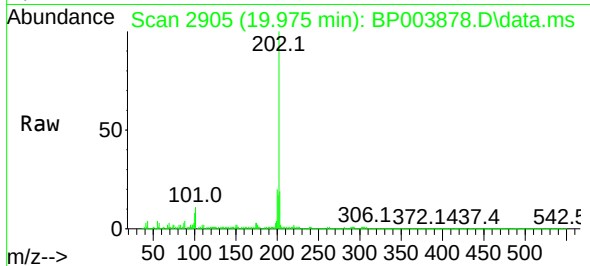
Tgt Ion:240 Resp: 619288
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 23.8 20.8 31.2





#78
Pyrene
Concen: 10.34 ng
RT: 19.975 min Scan# 2905
Delta R.T. 0.012 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

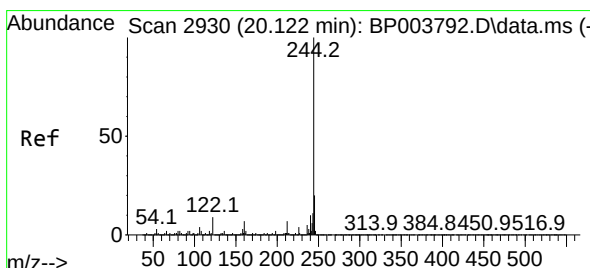
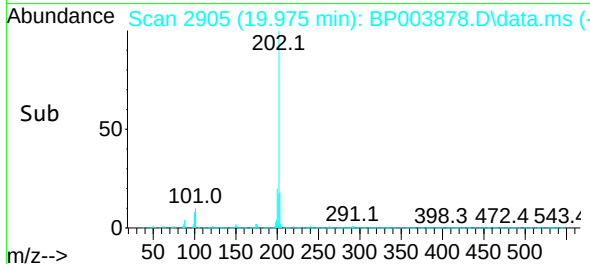
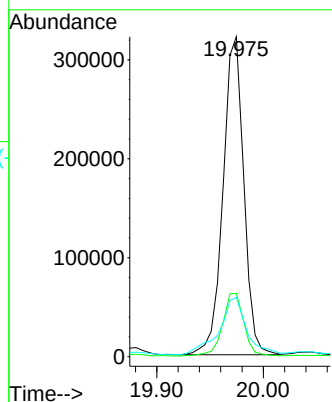
Instrument :
BNA_P
ClientSampleId :
TR-04-110620



Tgt Ion:202 Resp: 434661
Ion Ratio Lower Upper
202 100
200 19.8 17.1 25.7
203 18.5 14.2 21.2

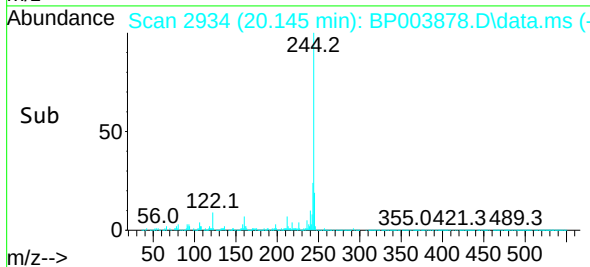
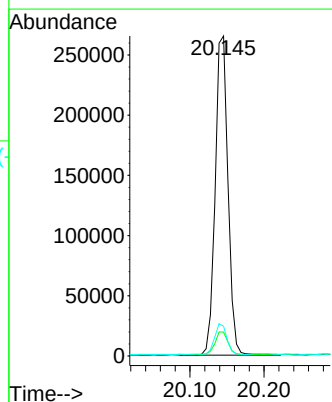
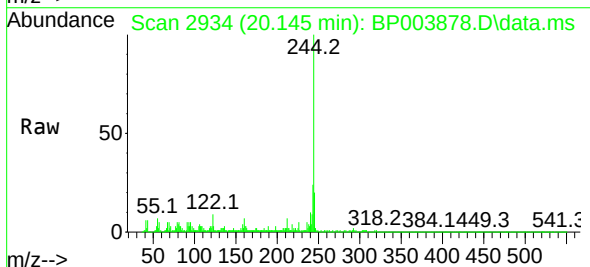
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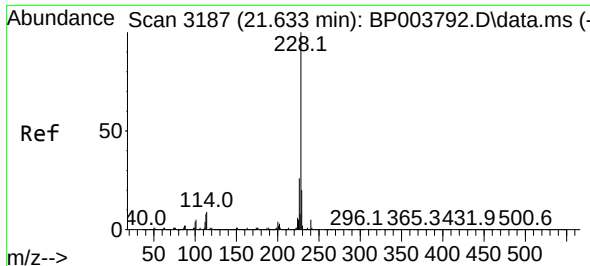
mohammad
11/10/2020 12:00:41 PM



#79
Terphenyl-d14
Concen: 9.91 ng
RT: 20.145 min Scan# 2934
Delta R.T. 0.012 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

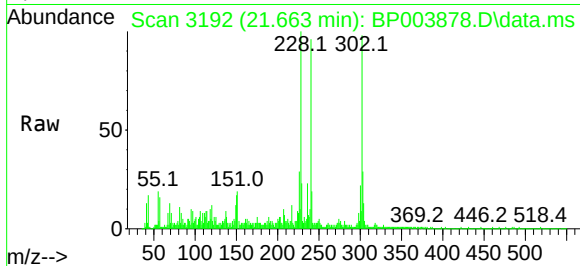
Tgt Ion:244 Resp: 317564
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.3 7.8 11.8





#81
Benzo(a)anthracene
Concen: 4.70 ng
RT: 21.663 min Scan# 3192
Delta R.T. 0.012 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

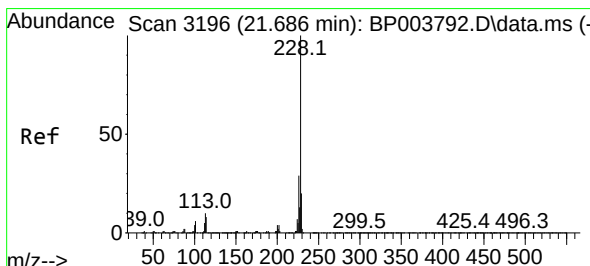
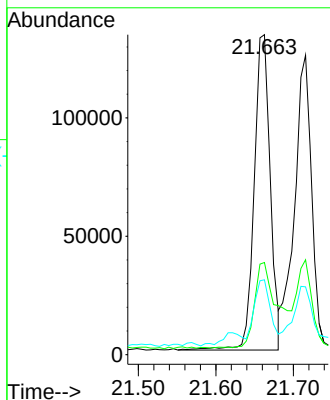
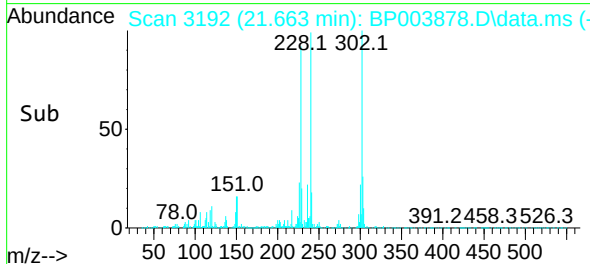
Instrument :
BNA_P
ClientSampleId :
TR-04-110620



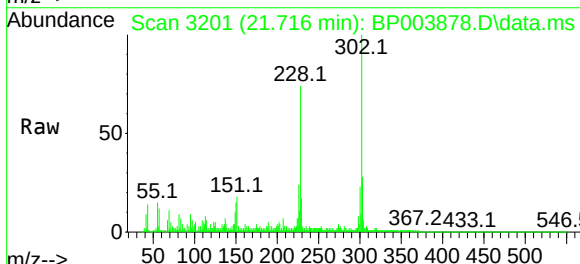
Tgt Ion:228 Resp: 191926
Ion Ratio Lower Upper
228 100
226 28.8 22.1 33.1
229 23.4 15.9 23.9

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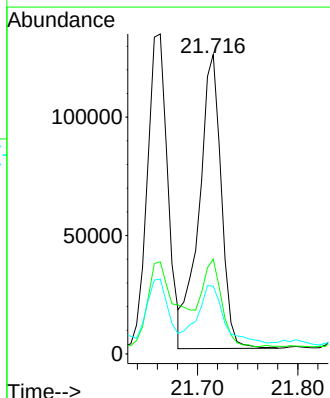
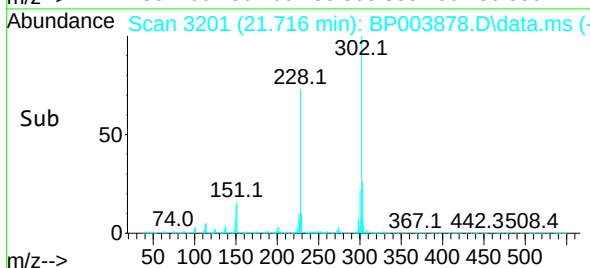
mohammad
11/10/2020 12:00:41 PM

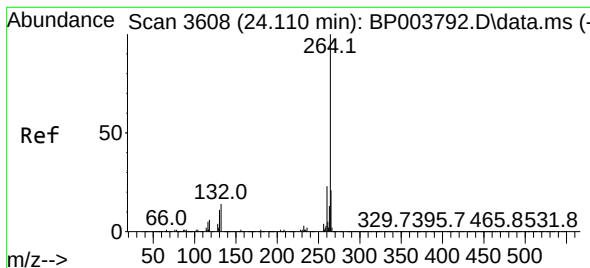


#83
Chrysene
Concen: 4.88 ng
RT: 21.716 min Scan# 3201
Delta R.T. 0.012 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

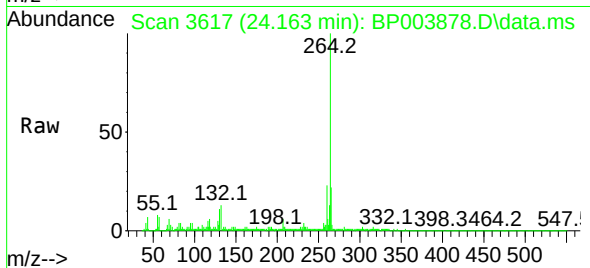


Tgt Ion:228 Resp: 191533
Ion Ratio Lower Upper
228 100
226 31.7 24.4 36.6
229 22.7 15.8 23.6

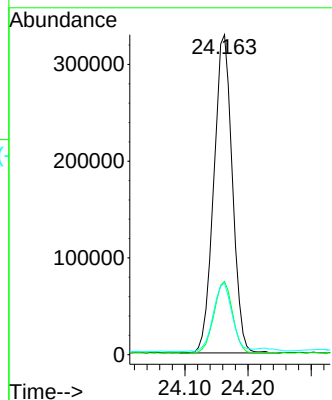




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.163 min Scan# 3617
Delta R.T. 0.018 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47



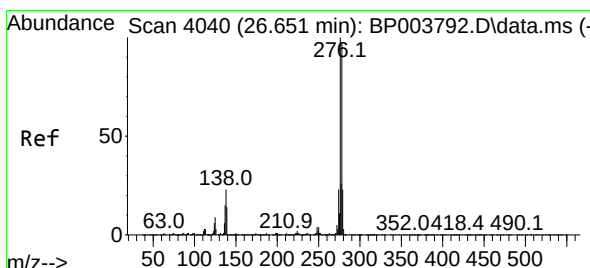
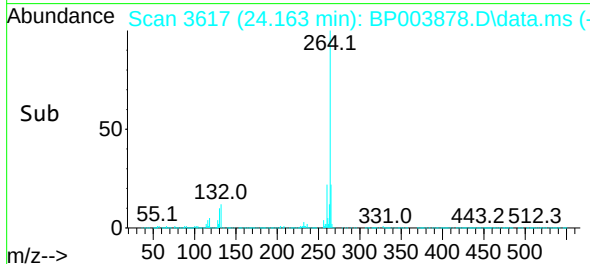
Tgt Ion: 264 Resp: 668873
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 22.4 17.4 26.2



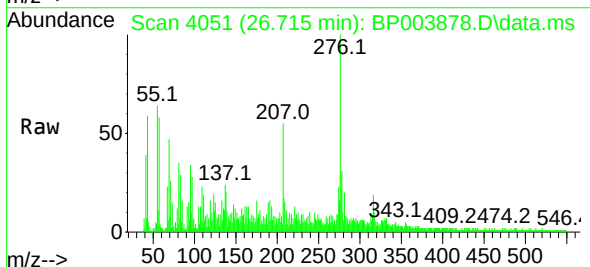
Instrument :
BNA_P
ClientSampleId :
TR-04-110620

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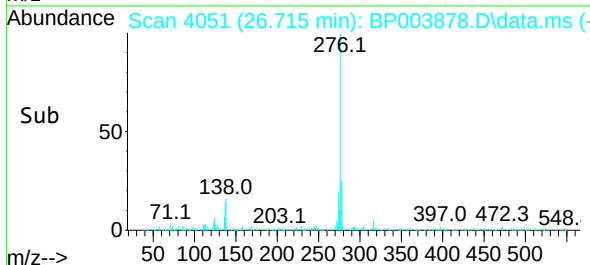
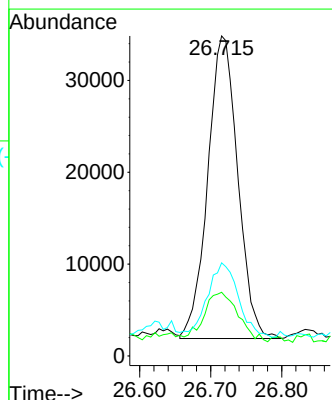
mohammad
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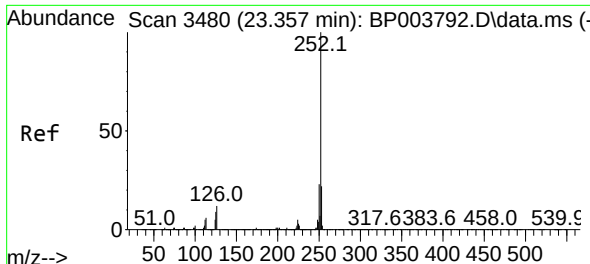


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.00 ng
RT: 26.715 min Scan# 4051
Delta R.T. 0.012 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47



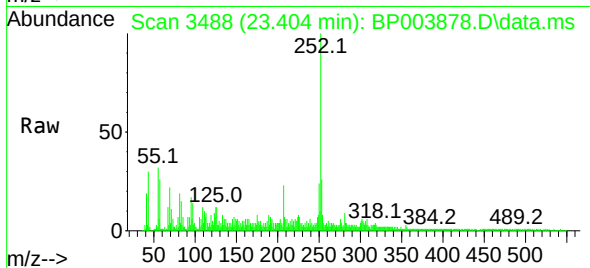
Tgt Ion: 276 Resp: 96568
Ion Ratio Lower Upper
276 100
138 18.7 18.7 28.1#
277 25.6 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 4.38 ng m
RT: 23.404 min Scan# 3488
Delta R.T. 0.012 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

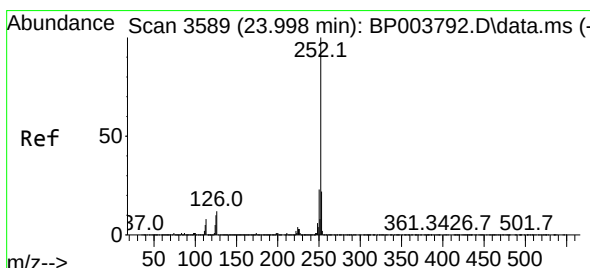
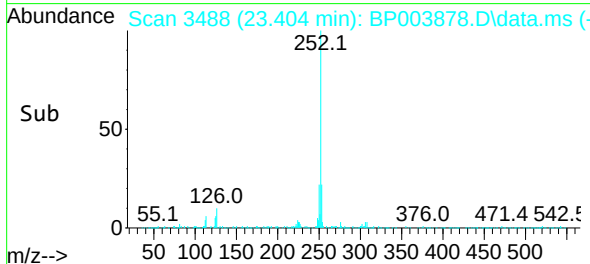
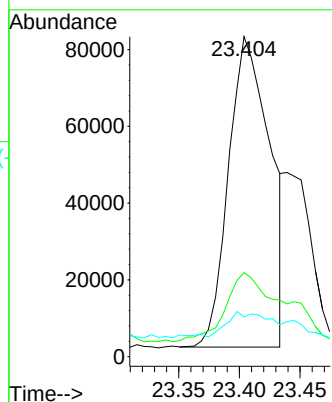
Instrument :
BNA_P
ClientSampleId :
TR-04-110620



Tgt Ion:252 Resp: 191601
Ion Ratio Lower Upper
252 100
253 26.3 17.6 26.4
125 12.4 7.3 10.9#

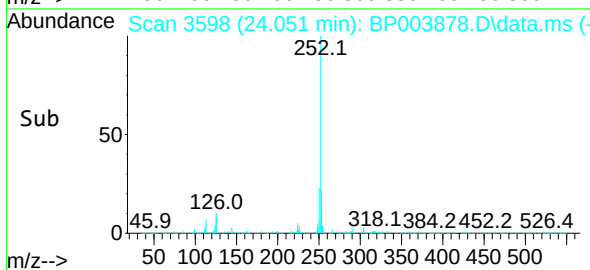
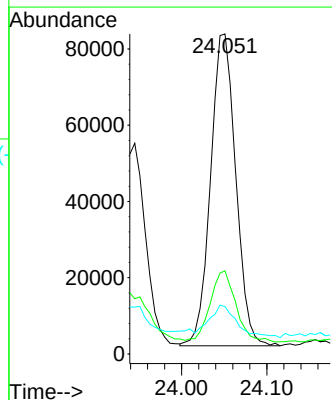
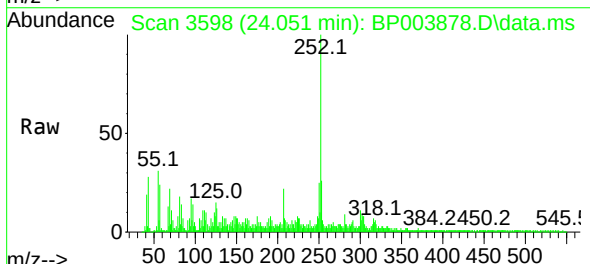
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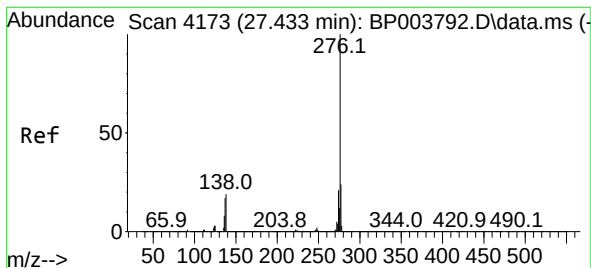
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#90
Benzo(a)pyrene
Concen: 4.15 ng
RT: 24.051 min Scan# 3598
Delta R.T. 0.018 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

Tgt Ion:252 Resp: 168183
Ion Ratio Lower Upper
252 100
253 26.0 17.4 26.0
125 14.8 8.2 12.4#





#92

Benzo(g,h,i)perylene

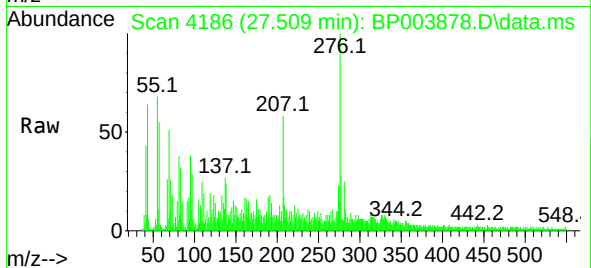
Concen: 2.69 ng

RT: 27.509 min Scan# 4186

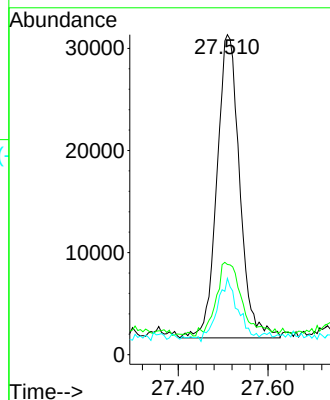
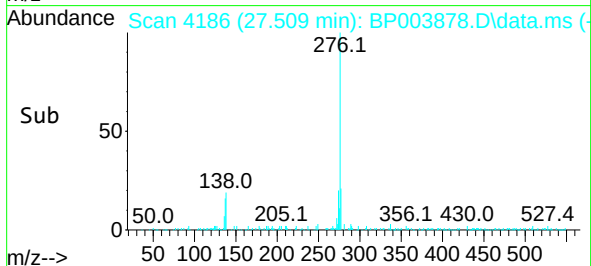
Delta R.T. 0.018 min

Lab File: BP003878.D

Acq: 09 Nov 2020 20:47



Tgt Ion:	276	Resp:	104627
Ion Ratio	Lower	Upper	
276	100		
277	28.2	19.0	28.6
138	23.9	16.6	24.8



Instrument :

BNA_P

ClientSampleId :

TR-04-110620

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