

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
 Data File : BP004141.D
 Acq On : 03 Dec 2020 21:59
 Operator : CG/JU
 Sample : L4915-01 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-12220

Manual Integrations
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mohammad
 12/7/2020 8:53:59 AM

Quant Time: Dec 04 00:14:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 11:39:42 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.193	152	172846	20.00	ng	0.00
21) Naphthalene-d8	11.016	136	593872	20.00	ng	# 0.00
39) Acenaphthene-d10	14.822	164	298812	20.00	ng	0.00
64) Phenanthrene-d10	17.557	188	556328	20.00	ng	# 0.00
76) Chrysene-d12	21.598	240	566143	20.00	ng	0.00
86) Perylene-d12	24.039	264	603665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	419853	40.54	ng	0.00
7) Phenol-d6	7.375	99	501414	33.73	ng	0.00
23) Nitrobenzene-d5	9.357	82	314460	25.93	ng	0.00
42) 2,4,6-Tribromophenol	16.310	330	114798	30.72	ng	0.00
45) 2-Fluorobiphenyl	13.439	172	556665	26.04	ng	0.00
79) Terphenyl-d14	20.063	244	580961	19.83	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.545	152	98609	3.53	ng	98
50) Dimethylphthalate	14.251	163	77802	3.33	ng	99
71) Phenanthrene	17.598	178	237661	7.61	ng	99
72) Anthracene	17.692	178	135077	4.48	ng	100
75) Fluoranthene	19.539	202	459368	12.75	ng	99
78) Pyrene	19.892	202	491332	12.79	ng	98
81) Benzo(a)anthracene	21.580	228	252400	6.76	ng	97
83) Chrysene	21.633	228	262216	7.31	ng	97
87) Indeno(1,2,3-cd)pyrene	26.551	276	143113	3.29	ng	97
88) Benzo(b)fluoranthene	23.298	252	286847m	7.26	ng	
89) Benzo(k)fluoranthene	23.333	252	97867m	2.51	ng	
90) Benzo(a)pyrene	23.927	252	234060	6.40	ng	96
92) Benzo(g,h,i)perylene	27.327	276	174830	4.98	ng	99

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

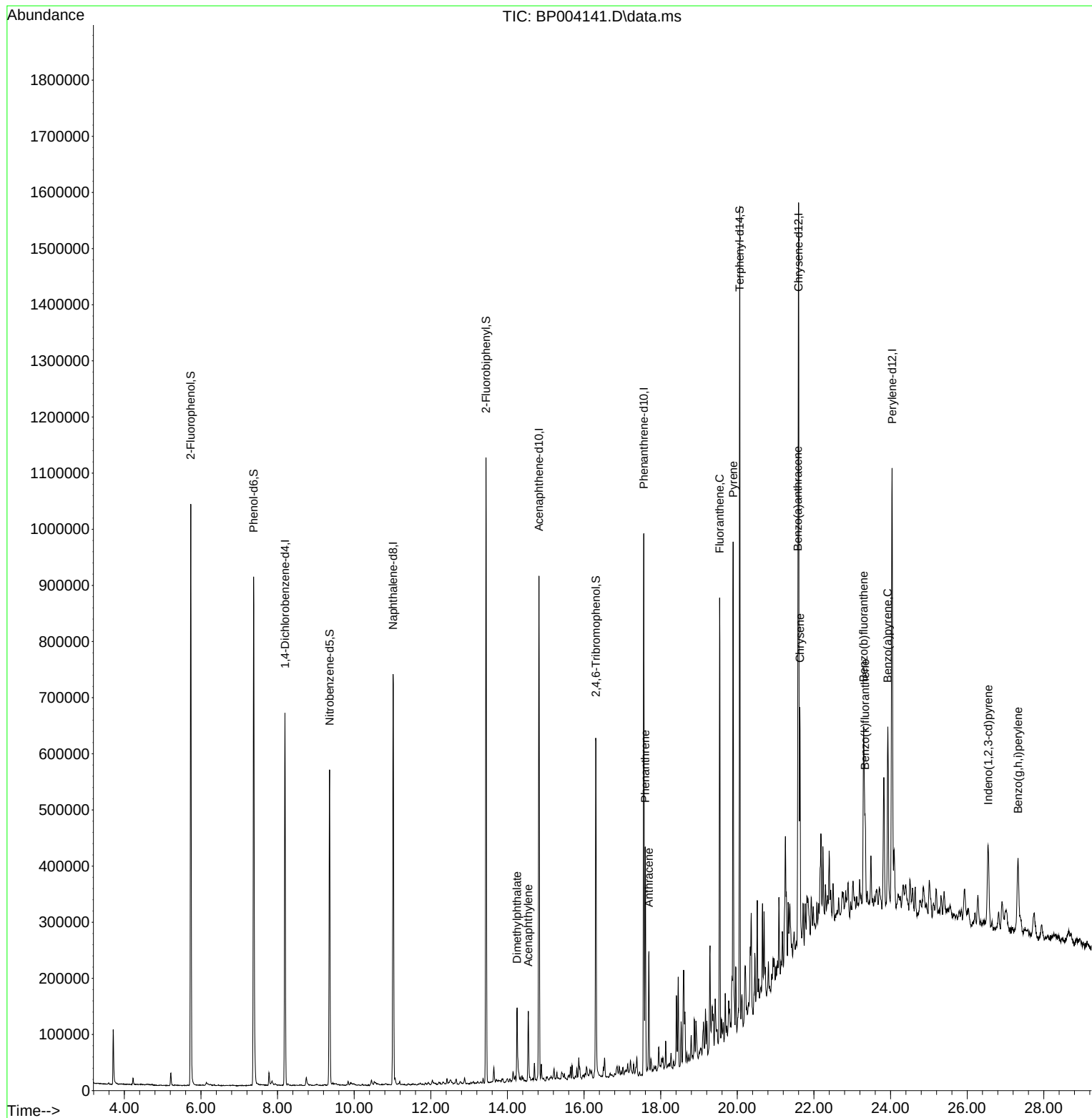
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
Data File : BP004141.D
Acq On : 03 Dec 2020 21:59
Operator : CG/JU
Sample : L4915-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

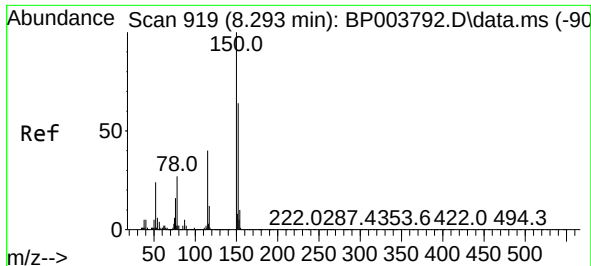
Instrument :
BNA_P
ClientSampled :
OR-03-12220

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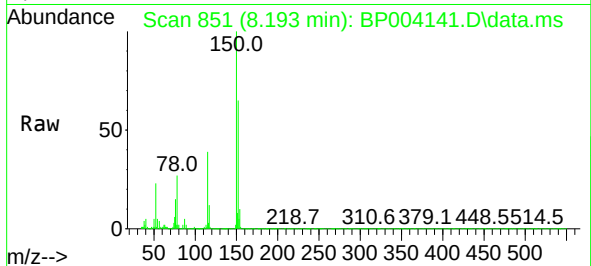
Quant Time: Dec 04 00:14:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 11:39:42 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.193 min Scan# 851
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

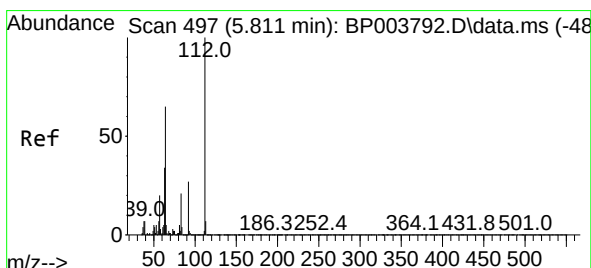
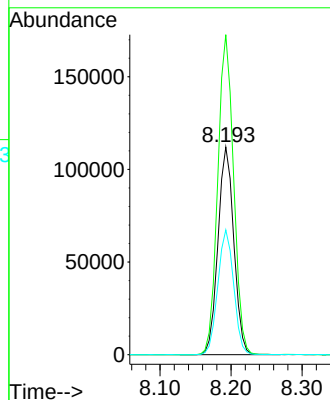
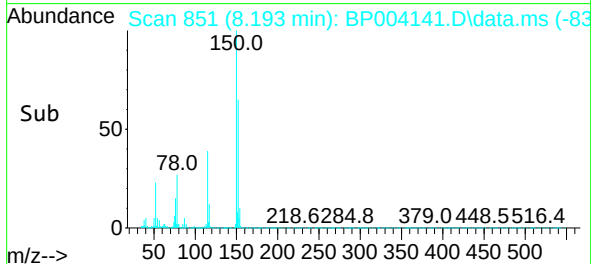
Instrument :
BNA_P
ClientSampleId :
OR-03-12220



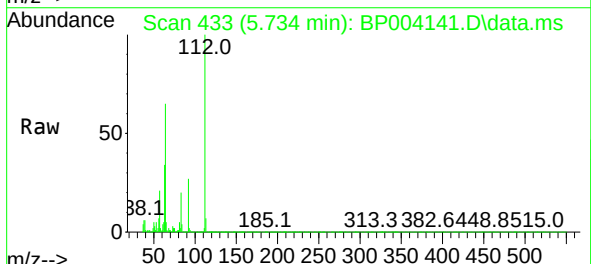
Tgt Ion:152 Resp: 172846
Ion Ratio Lower Upper
152 100
150 154.1 123.8 185.6
115 60.1 43.8 65.6

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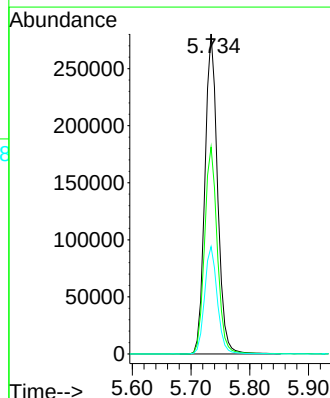
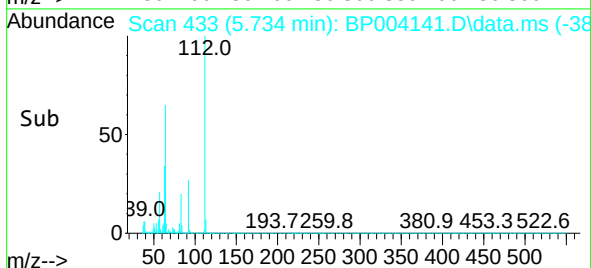
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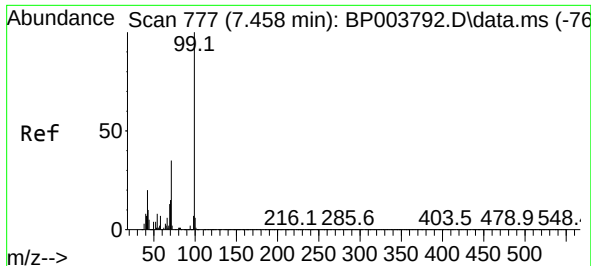


#5
2-Fluorophenol
Concen: 40.54 ng
RT: 5.734 min Scan# 433
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59



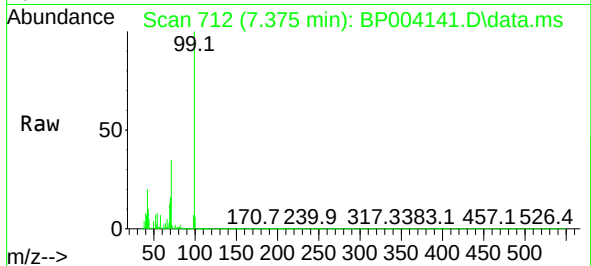
Tgt Ion:112 Resp: 419853
Ion Ratio Lower Upper
112 100
64 64.7 32.8 49.2#
63 33.6 17.0 25.4#





#7
Phenol-d6
Concen: 33.73 ng
RT: 7.375 min Scan# 712
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

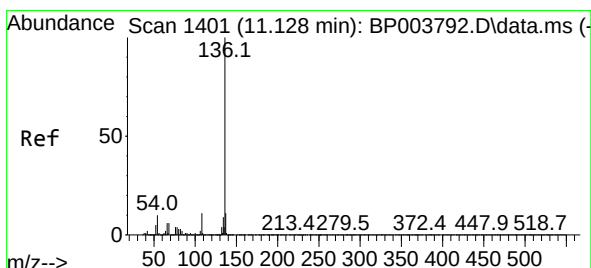
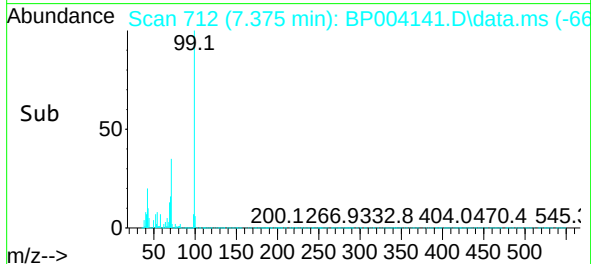
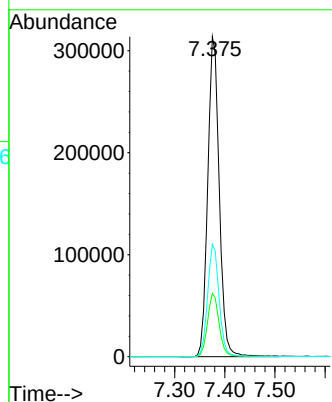
Instrument :
BNA_P
ClientSampleId :
OR-03-12220



Tgt Ion: 99 Resp: 501414
Ion Ratio Lower Upper
99 100
42 19.8 8.6 13.0#
71 35.2 23.4 35.2#

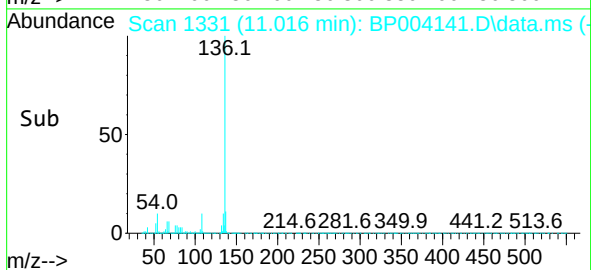
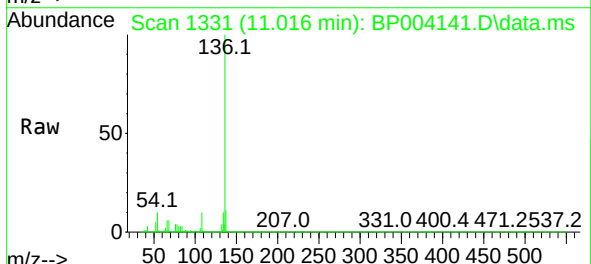
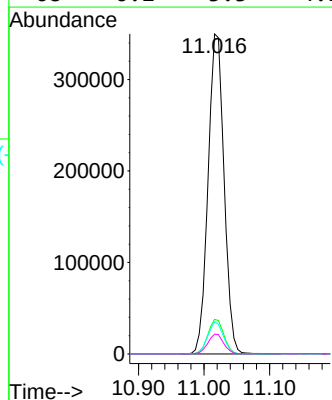
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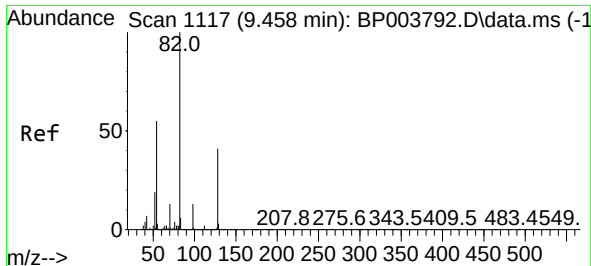
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.016 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

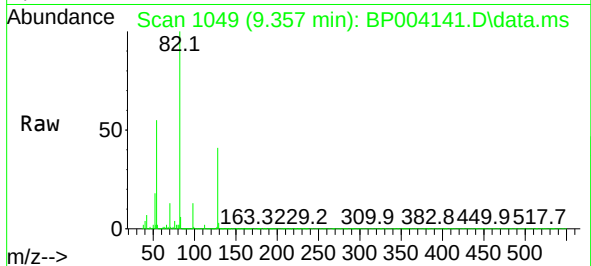
Tgt Ion: 136 Resp: 593872
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.1 3.6 5.4#
68 6.2 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 25.93 ng
RT: 9.357 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

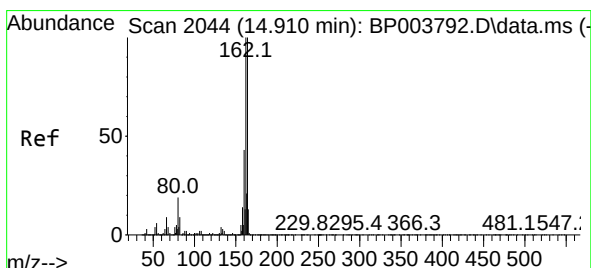
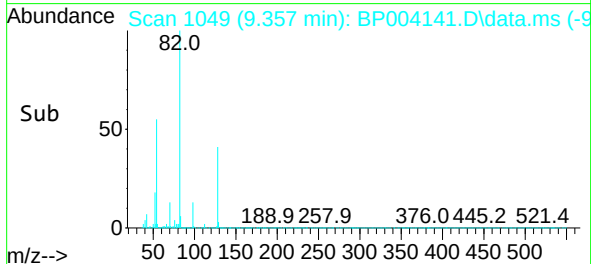
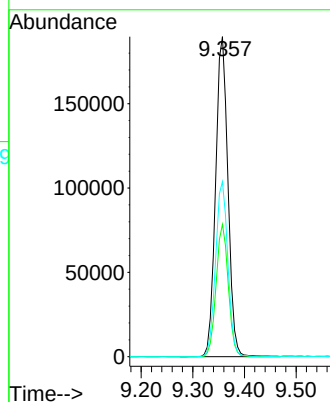
Instrument :
BNA_P
ClientSampleId :
OR-03-12220



Tgt Ion: 82 Resp: 314460
Ion Ratio Lower Upper
82 100
128 41.4 45.6 68.4#
54 54.7 30.1 45.1#

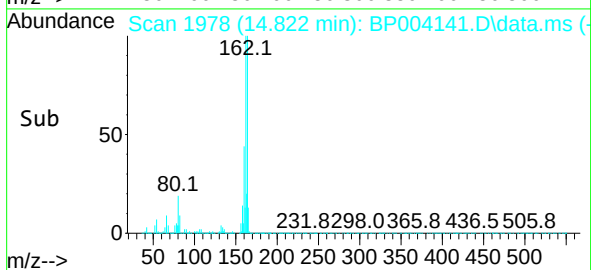
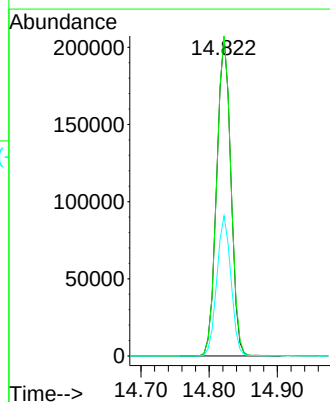
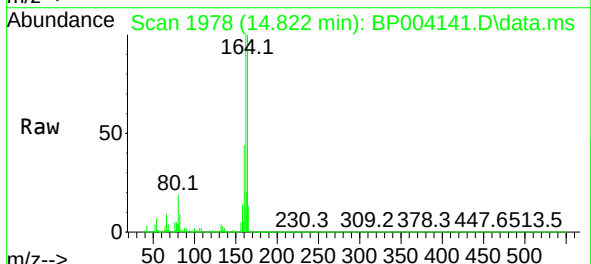
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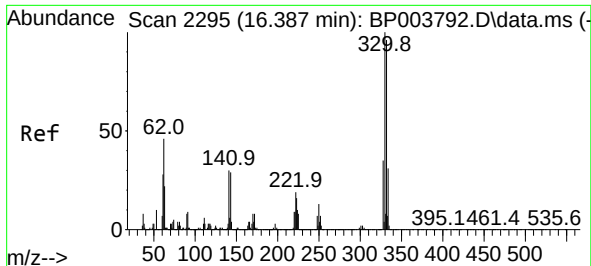
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.822 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

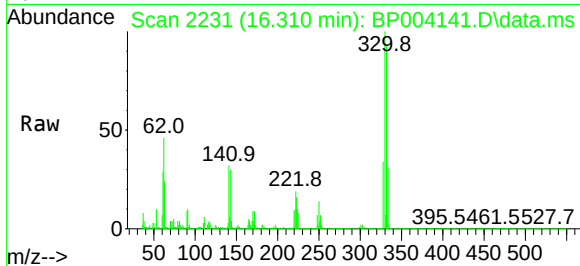
Tgt Ion: 164 Resp: 298812
Ion Ratio Lower Upper
164 100
162 100.3 79.4 119.2
160 43.9 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 30.72 ng
RT: 16.310 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

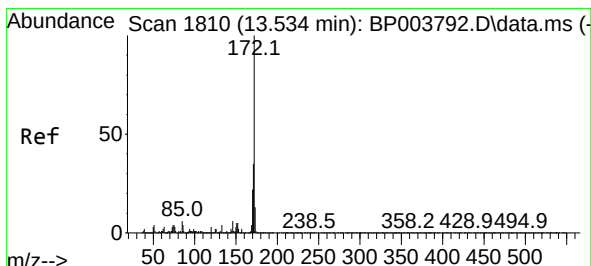
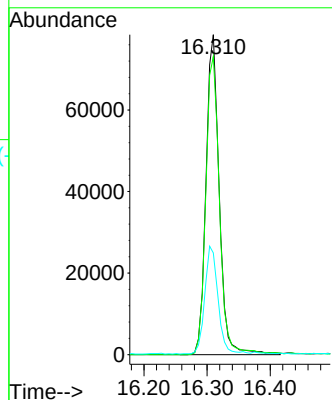
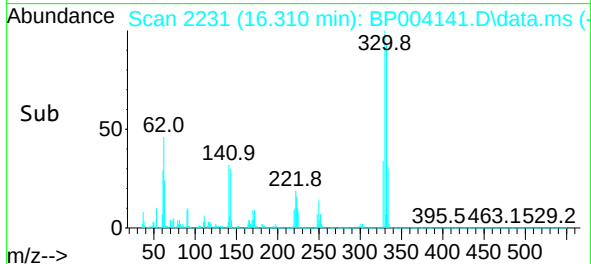
Instrument :
BNA_P
ClientSampled :
OR-03-12220



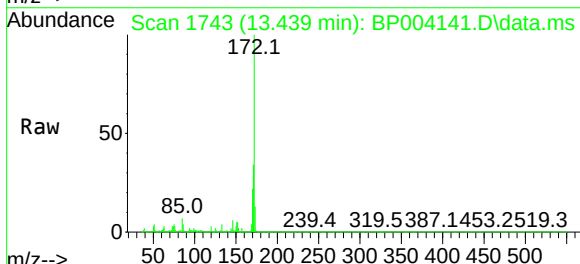
Tgt Ion:330 Resp: 114798
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 33.8 23.4 35.2

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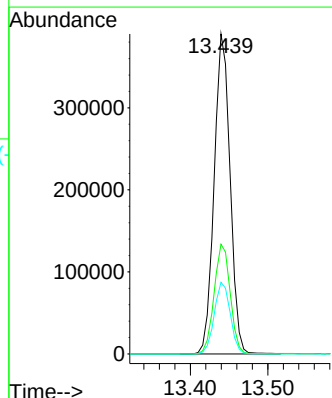
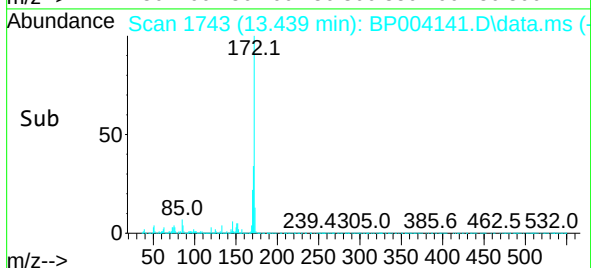
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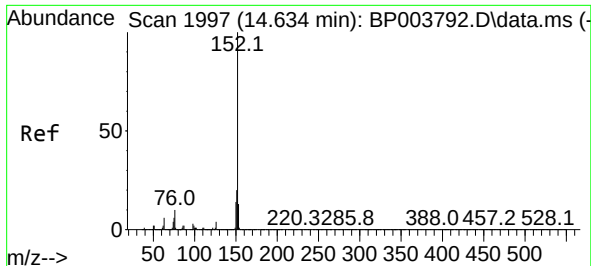


#45
2-Fluorobiphenyl
Concen: 26.04 ng
RT: 13.439 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59



Tgt Ion:172 Resp: 556665
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 22.4 19.2 28.8





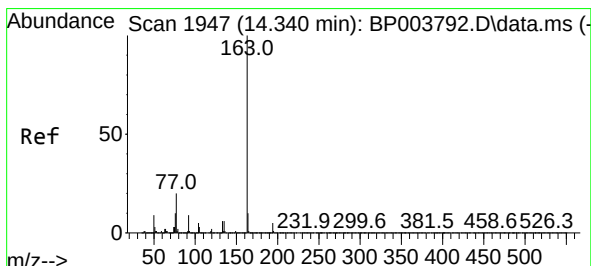
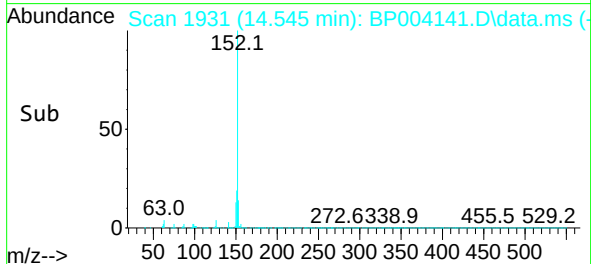
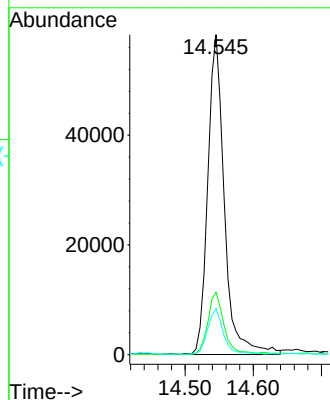
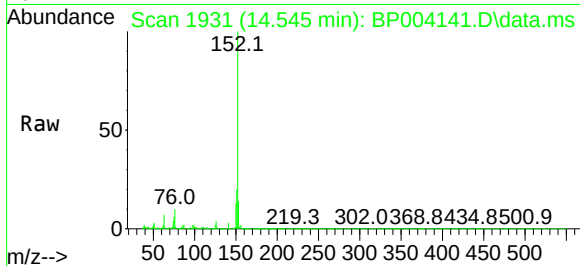
#49
Acenaphthylene
Concen: 3.53 ng
RT: 14.545 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:	152	Resp:	98609
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.9	23.9
153	14.4	10.5	15.7

Instrument :
BNA_P
ClientSampleId :
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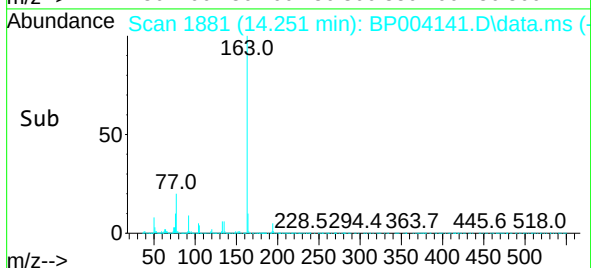
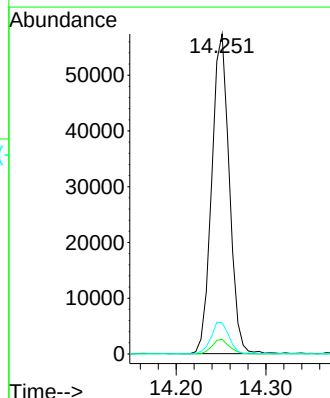
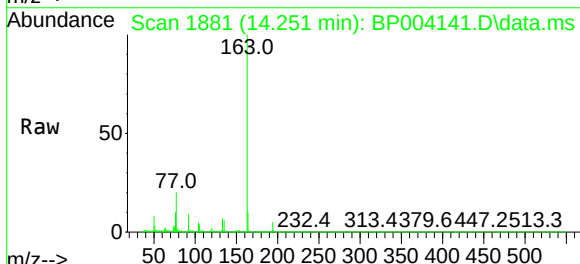
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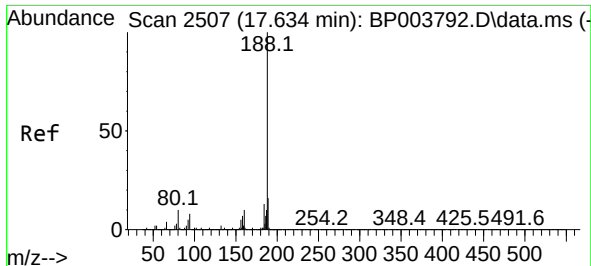
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#50
Dimethylphthalate
Concen: 3.33 ng
RT: 14.251 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

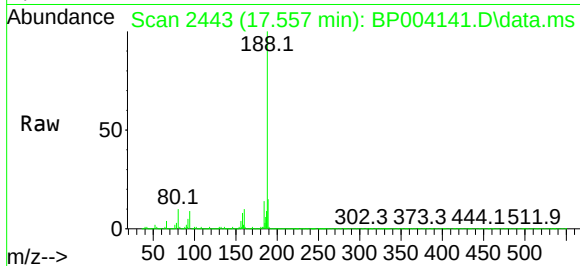
Tgt Ion:	163	Resp:	77802
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.3	4.9
164	9.8	8.2	12.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.557 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

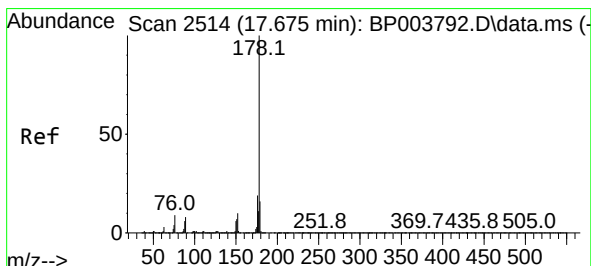
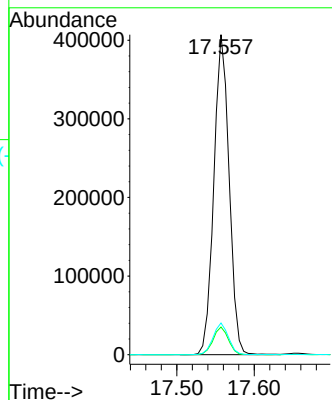
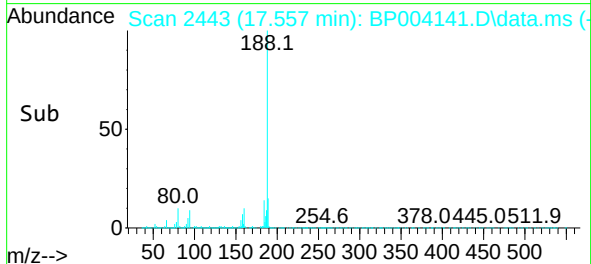
Instrument :
BNA_P
ClientSampleId :
OR-03-12220



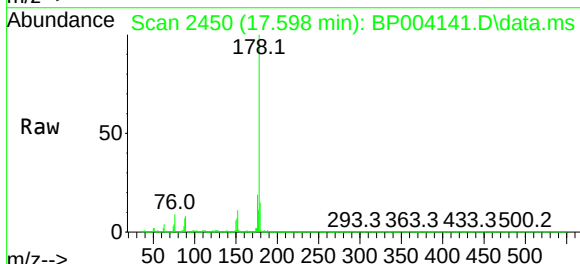
Tgt Ion:188 Resp: 556328
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 9.9 6.2 9.2#

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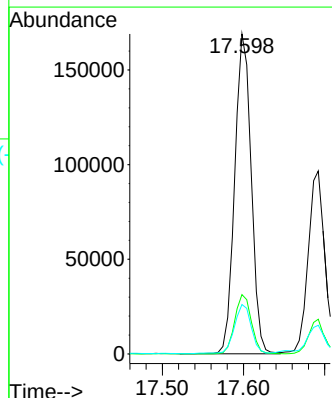
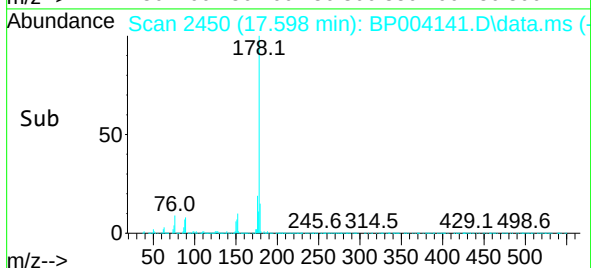
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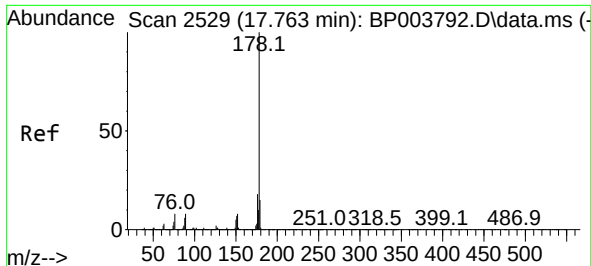


#71
Phenanthrene
Concen: 7.61 ng
RT: 17.598 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59



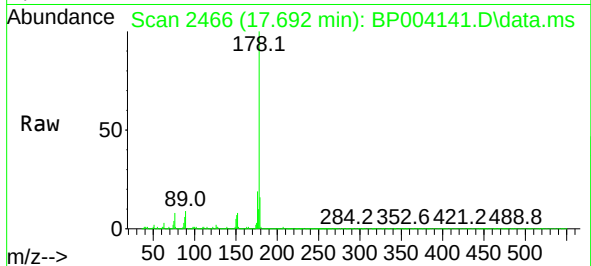
Tgt Ion:178 Resp: 237661
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.5 12.5 18.7





#72
 Anthracene
 Concen: 4.48 ng
 RT: 17.692 min Scan# 2466
 Delta R.T. -0.000 min
 Lab File: BP004141.D
 Acq: 03 Dec 2020 21:59

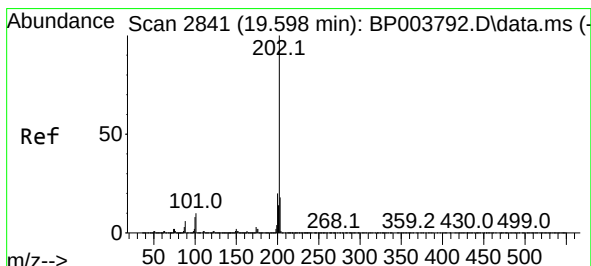
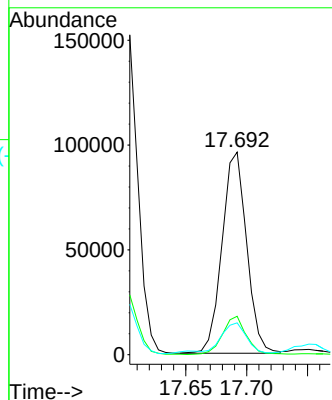
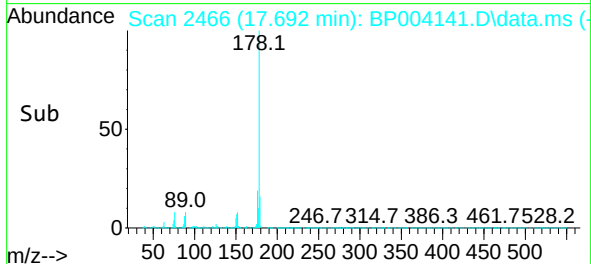
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-12220



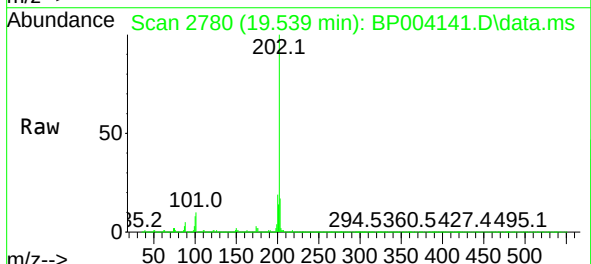
Tgt Ion:178 Resp: 135077
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.0 22.4
 179 15.7 12.5 18.7

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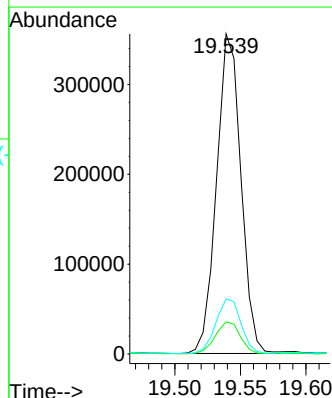
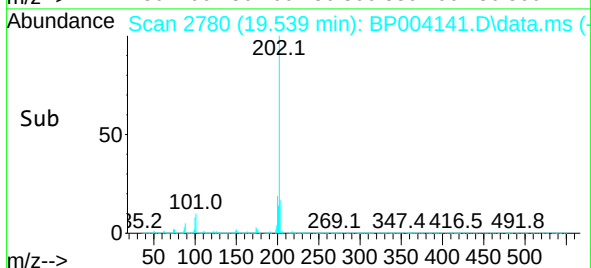
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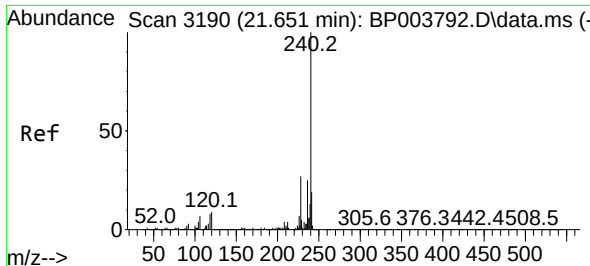


#75
 Fluoranthene
 Concen: 12.75 ng
 RT: 19.539 min Scan# 2780
 Delta R.T. -0.006 min
 Lab File: BP004141.D
 Acq: 03 Dec 2020 21:59



Tgt Ion:202 Resp: 459368
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 29.4
 203 17.2 0.0 37.8





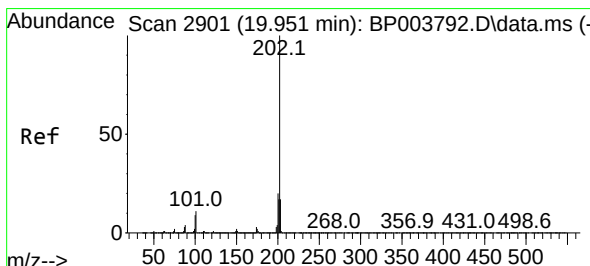
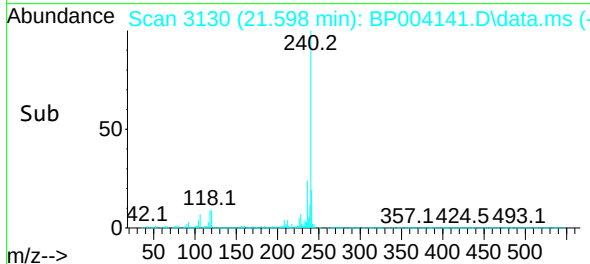
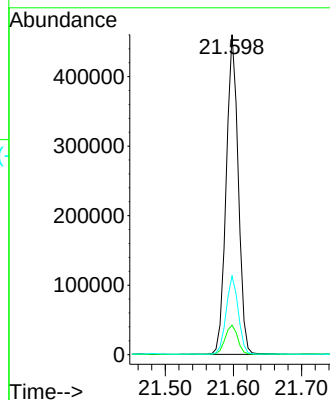
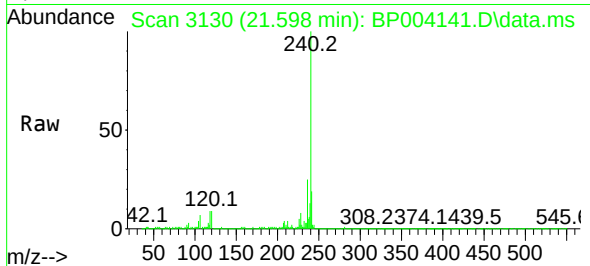
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.598 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:240 Resp: 566143
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 24.5 20.8 31.2

Instrument :
BNA_P
ClientSampleId :
OR-03-12220

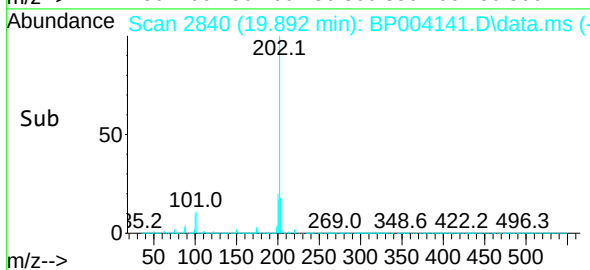
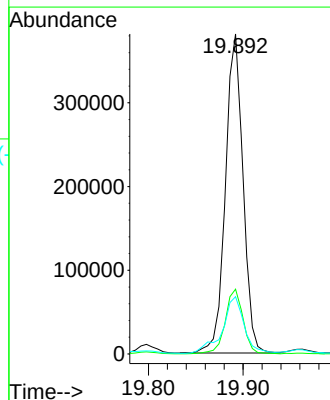
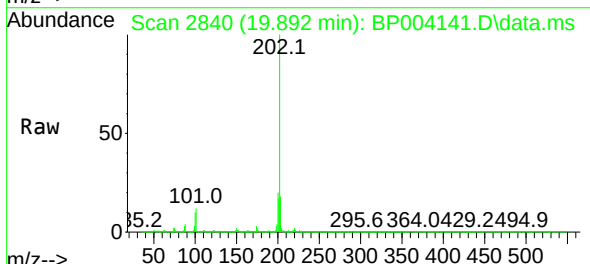
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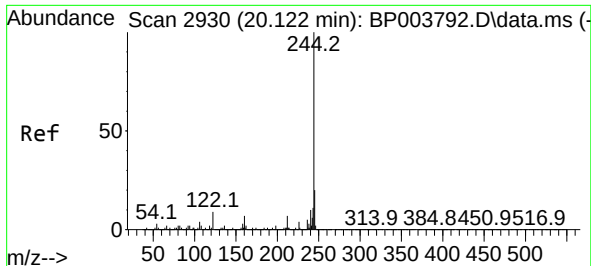
mohammad
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#78
Pyrene
Concen: 12.79 ng
RT: 19.892 min Scan# 2840
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

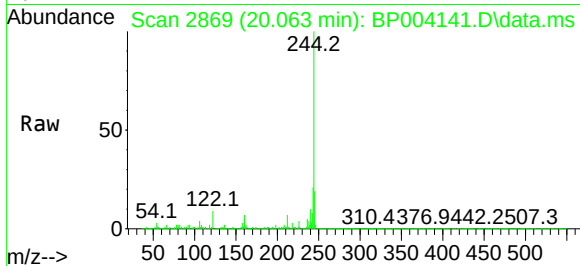
Tgt Ion:202 Resp: 491332
Ion Ratio Lower Upper
202 100
200 20.2 17.1 25.7
203 17.9 14.2 21.2





#79
Terphenyl-d14
Concen: 19.83 ng
RT: 20.063 min Scan# 2869
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

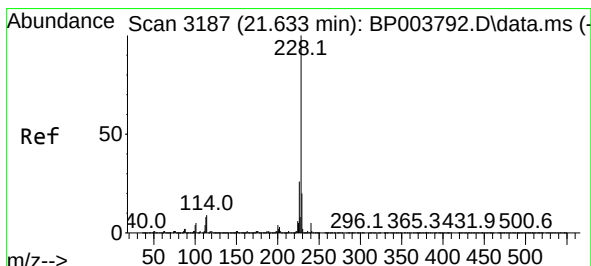
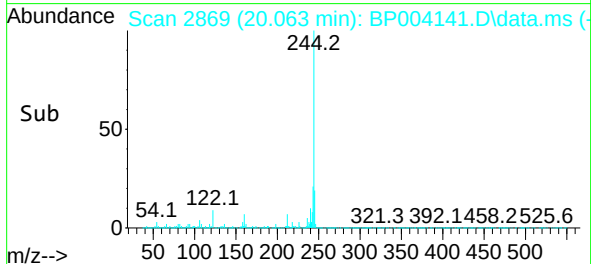
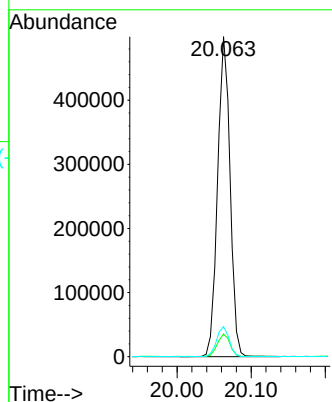
Instrument :
BNA_P
ClientSampleId :
OR-03-12220



Tgt Ion:244 Resp: 580961
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.4 7.8 11.8

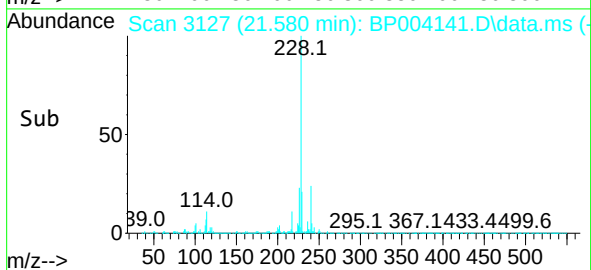
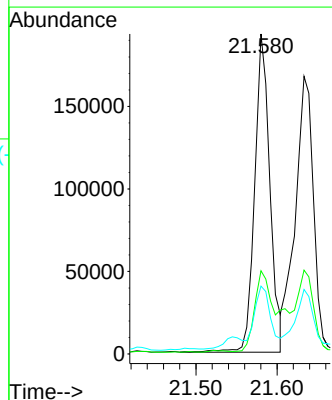
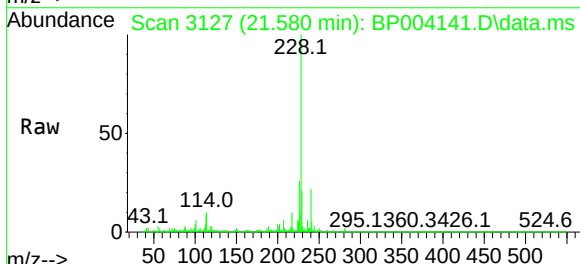
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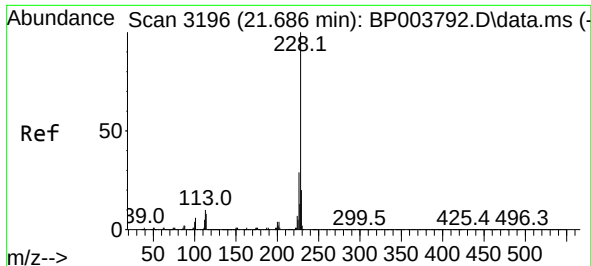
mohammad
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#81
Benzo(a)anthracene
Concen: 6.76 ng
RT: 21.580 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

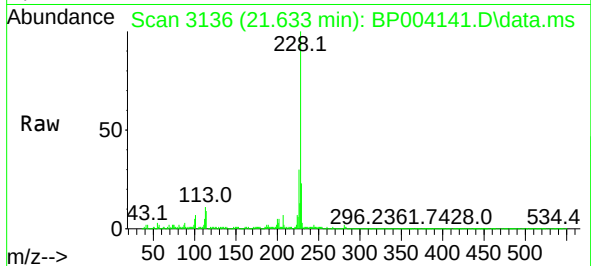
Tgt Ion:228 Resp: 252400
Ion Ratio Lower Upper
228 100
226 26.0 22.1 33.1
229 21.2 15.9 23.9





#83
Chrysene
Concen: 7.31 ng
RT: 21.633 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

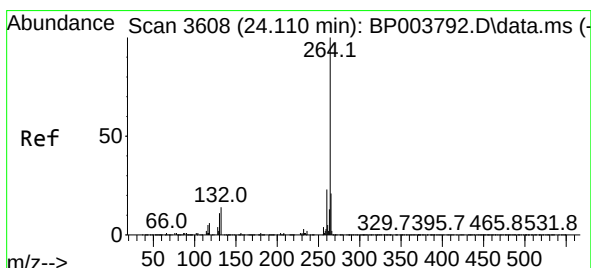
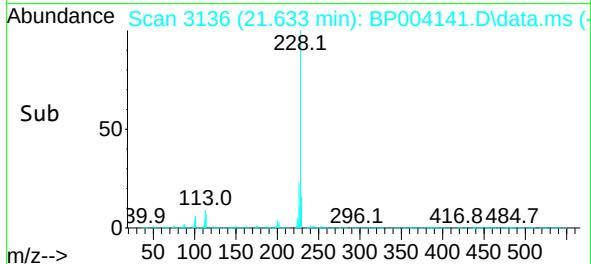
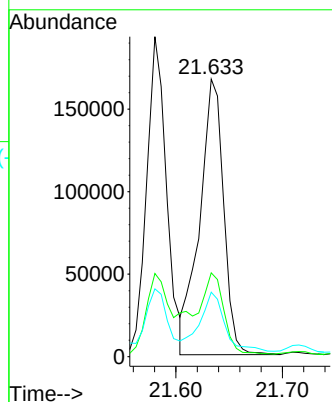
Instrument :
BNA_P
ClientSampleId :
OR-03-12220



Tgt Ion:228 Resp: 262216
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 23.2 15.8 23.6

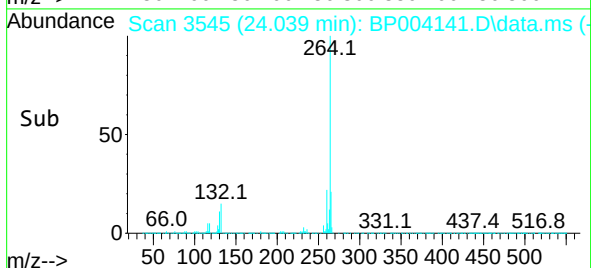
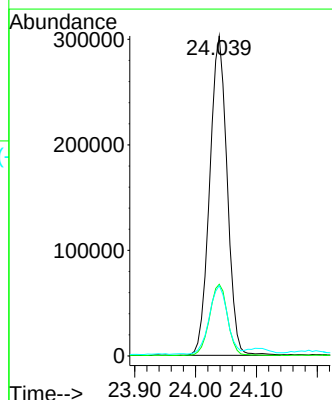
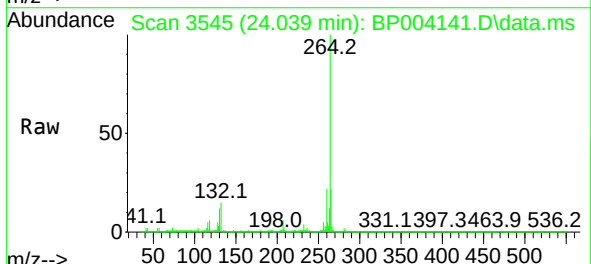
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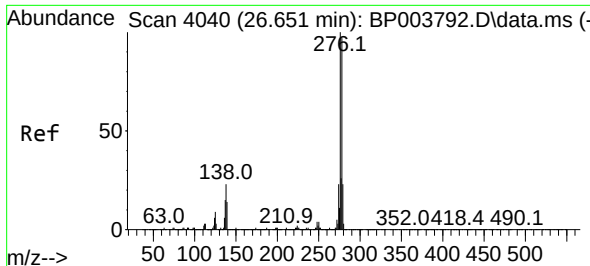
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.039 min Scan# 3545
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

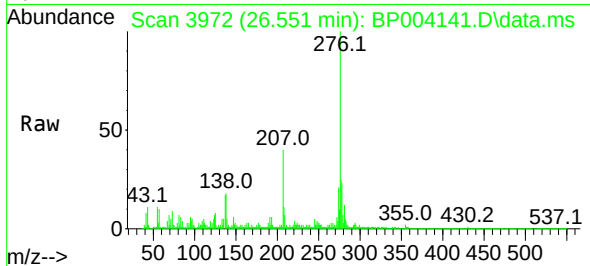
Tgt Ion:264 Resp: 603665
Ion Ratio Lower Upper
264 100
260 22.4 18.8 28.2
265 22.0 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.29 ng
RT: 26.551 min Scan# 3972
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

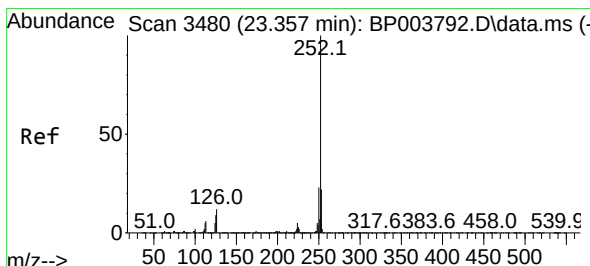
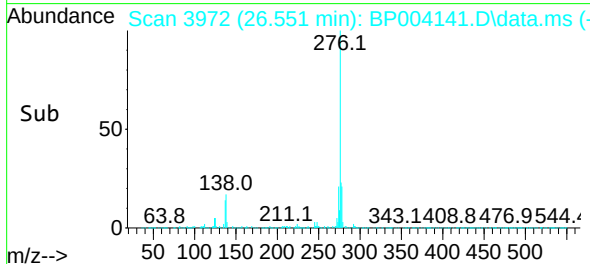
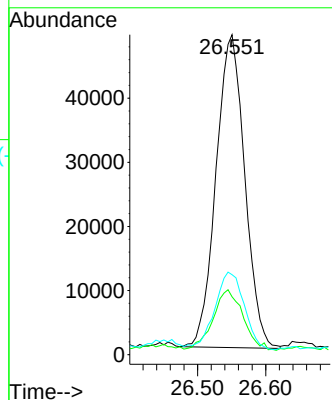
Instrument :
BNA_P
ClientSampleId :
OR-03-12220



Tgt Ion: 276 Resp: 143113
Ion Ratio Lower Upper
276 100
138 20.4 18.7 28.1
277 25.6 20.4 30.6

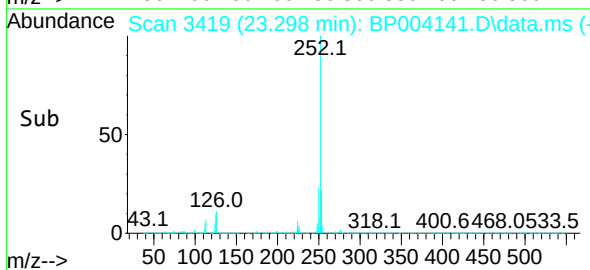
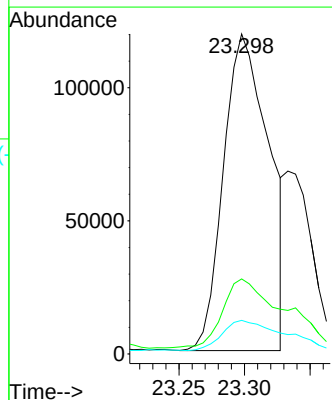
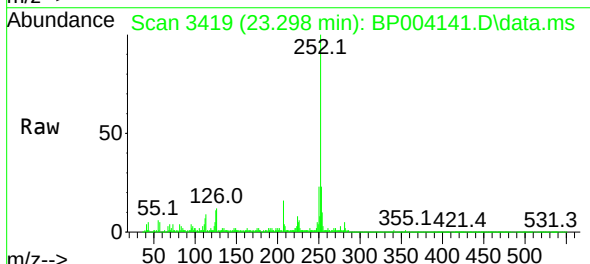
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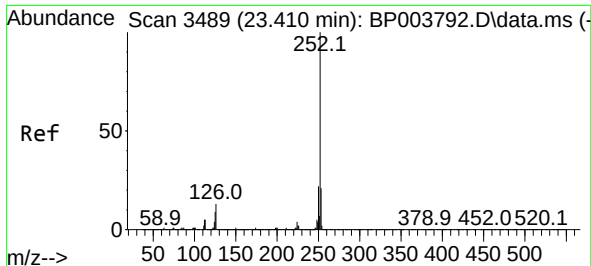
mohammad
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#88
Benzo(b)fluoranthene
Concen: 7.26 ng m
RT: 23.298 min Scan# 3419
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion: 252 Resp: 286847
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 10.5 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 2.51 ng m

RT: 23.333 min Scan# 3425

Delta R.T. -0.012 min

Lab File: BP004141.D

Acq: 03 Dec 2020 21:59

Tgt Ion:	252	Resp:	97867
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.8	26.8
125	10.6	7.4	11.2

Instrument :

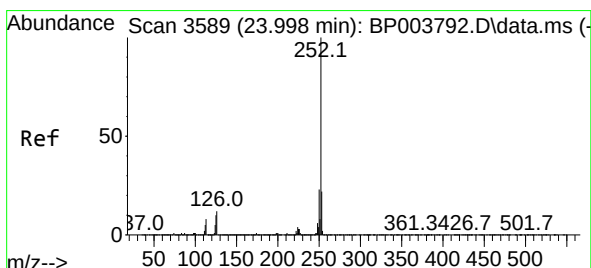
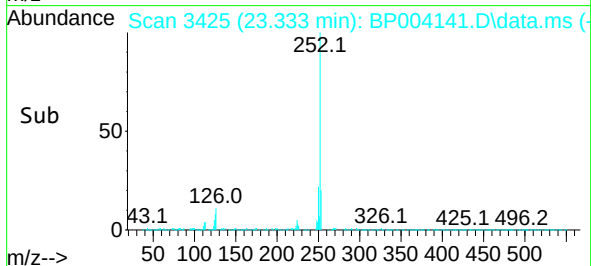
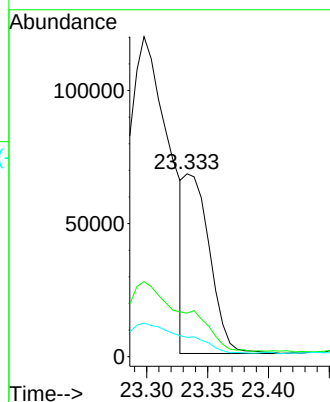
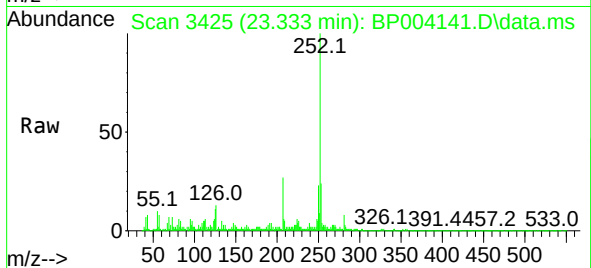
BNA_P

ClientSampleId :

OR-03-12220

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 6.40 ng

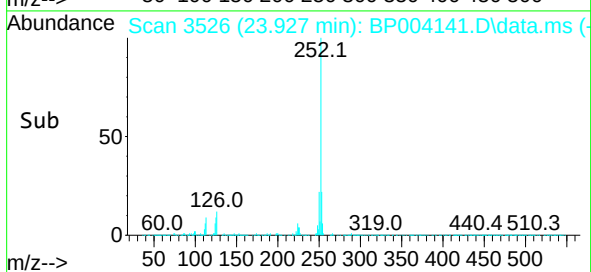
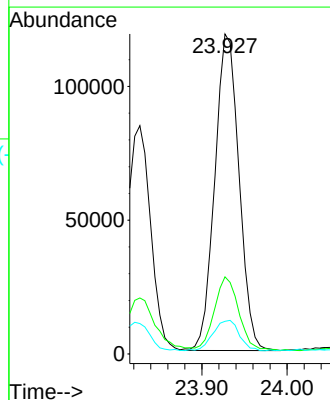
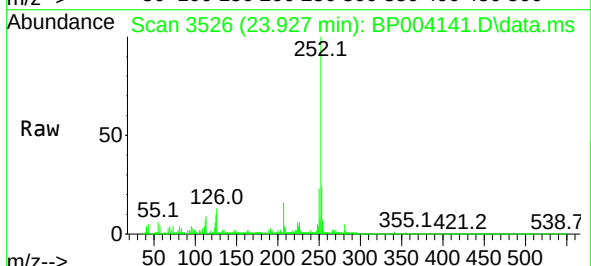
RT: 23.927 min Scan# 3526

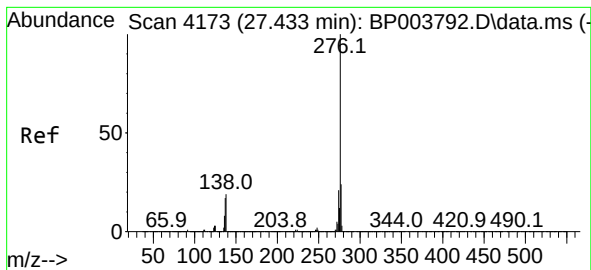
Delta R.T. -0.006 min

Lab File: BP004141.D

Acq: 03 Dec 2020 21:59

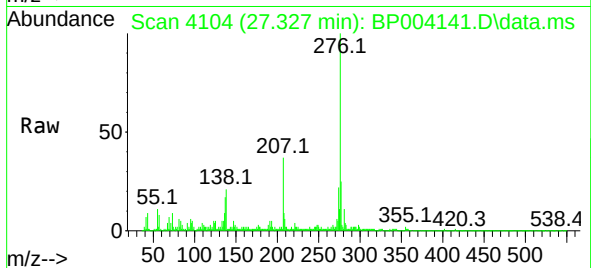
Tgt Ion:	252	Resp:	234060
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.4	26.0
125	10.2	8.2	12.4





#92
Benzo(g,h,i)perylene
Concen: 4.98 ng
RT: 27.327 min Scan# 4104
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Instrument :
BNA_P
ClientSampleId :
OR-03-12220



Tgt Ion: 276 Resp: 174830
Ion Ratio Lower Upper
276 100
277 24.8 19.0 28.6
138 20.8 16.6 24.8

Manual Integrations
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mohammad
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