

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
 Data File : BP009645.D
 Acq On : 31 Mar 2022 18:24
 Operator : CG/JU
 Sample : N2199-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-VNJ-209

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/01/2022
 Supervised By : Jagrut Upadhyay 04/01/2022

Quant Time: Apr 01 04:10:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	289780	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1223611	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	612340	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1560107	20.000	ng	0.00
76) Chrysene-d12	21.274	240	1348467	20.000	ng	0.00
86) Perylene-d12	23.662	264	1547877	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2063781	124.343	ng	0.00
7) Phenol-d6	6.934	99	2621240	116.782	ng	0.00
23) Nitrobenzene-d5	8.899	82	1689019	73.353	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1145177	113.331	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	2670059	60.448	ng	0.00
79) Terphenyl-d14	19.739	244	4728473	62.939	ng	0.00
Target Compounds						
49) Acenaphthylene	14.110	152	141293	2.545	ng	98
58) Fluorene	15.445	166	99058	2.261	ng	98
71) Phenanthrene	17.198	178	881889	10.560	ng	99
72) Anthracene	17.292	178	200682	2.434	ng	98
75) Fluoranthene	19.186	202	1443372	14.276	ng	98
78) Pyrene	19.539	202	1226084	13.798	ng	99
81) Benzo(a)anthracene	21.263	228	591554	6.677	ng	95
83) Chrysene	21.310	228	608116	7.249	ng	97
87) Indeno(1,2,3-cd)pyrene	26.145	276	405838	3.456	ng	# 91
88) Benzo(b)fluoranthene	22.939	252	955281m	10.338	ng	
89) Benzo(k)fluoranthene	22.980	252	299032m	3.305	ng	
90) Benzo(a)pyrene	23.551	252	628065	7.944	ng	97
92) Benzo(g,h,i)perylene	26.904	276	385397	4.003	ng	93

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

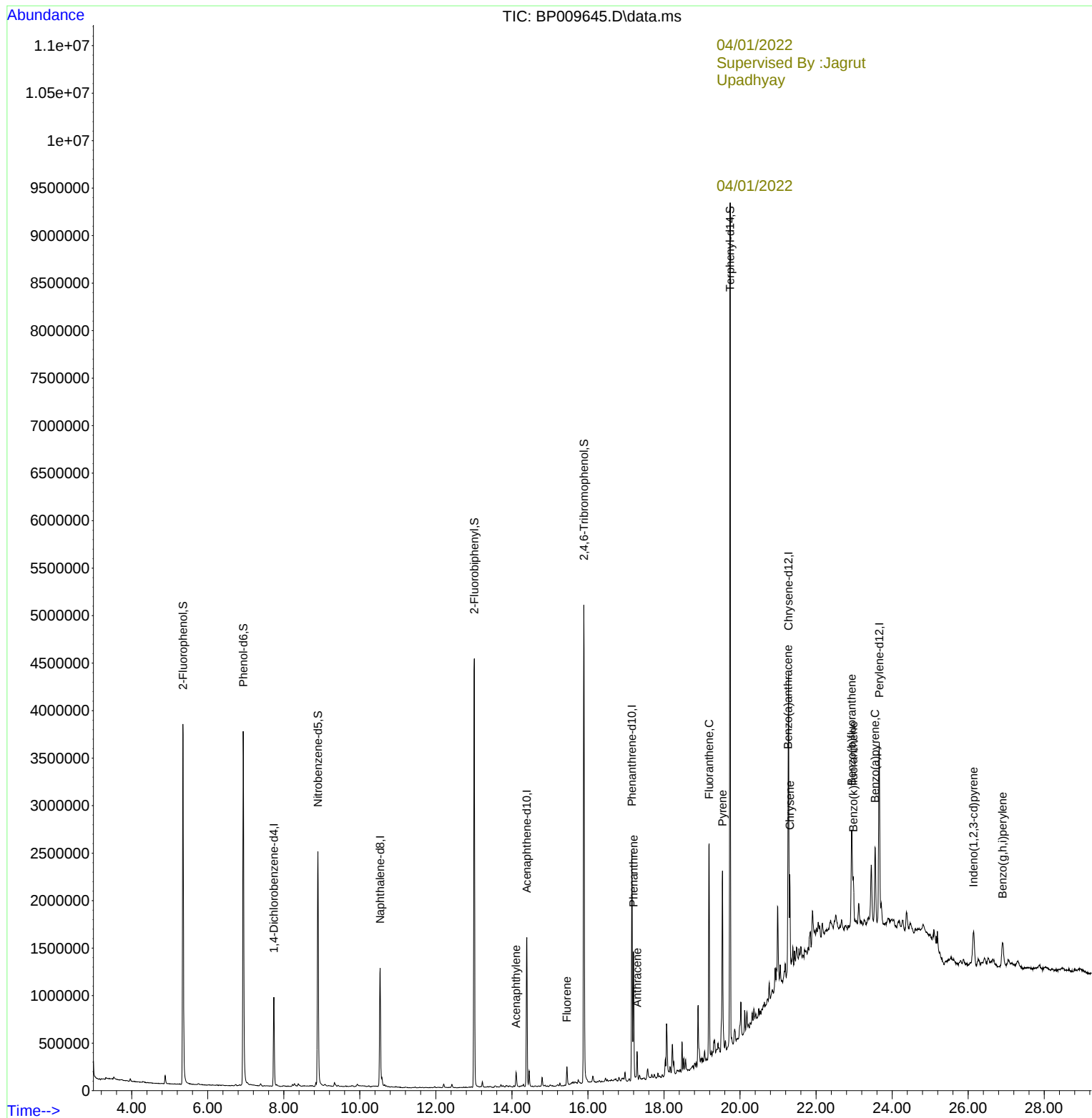
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
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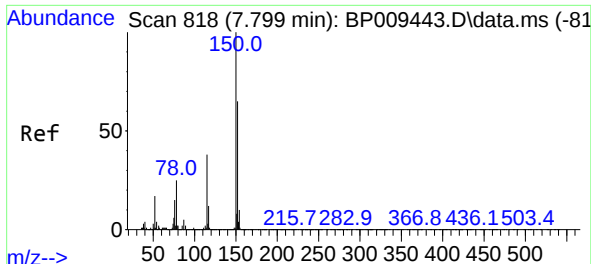
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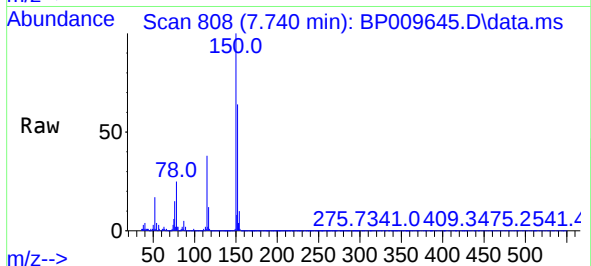
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Supervised By :Jagrut Upadhyay 04/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

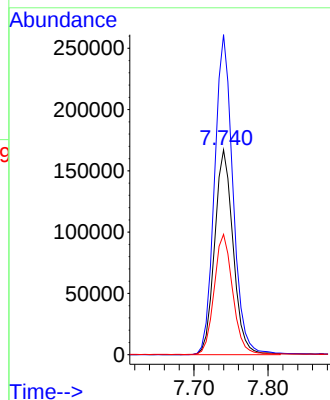
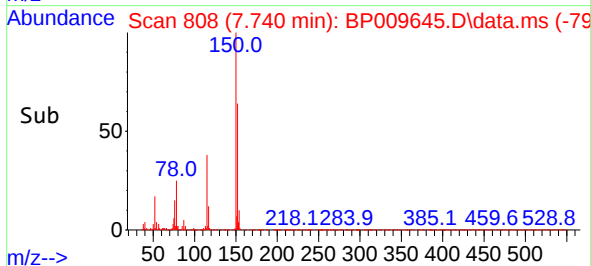
Instrument :
BNA_P
ClientSampleId :
RO-VNJ-209



Tgt Ion:152 Resp: 289780
Ion Ratio Lower Upper
152 100
150 156.2 124.5 186.7
115 58.8 48.2 72.4

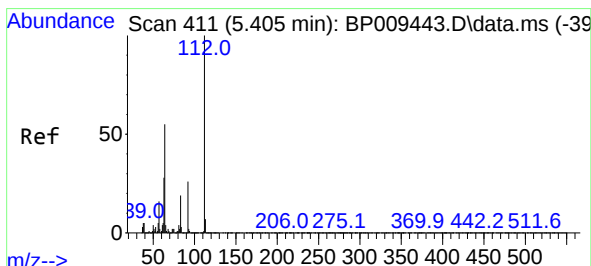
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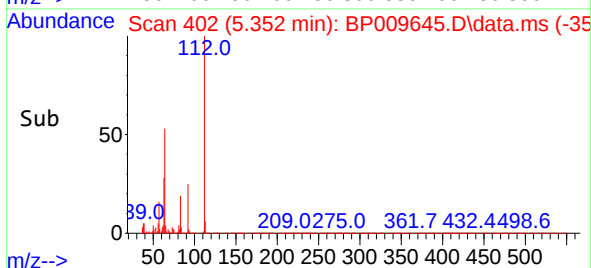
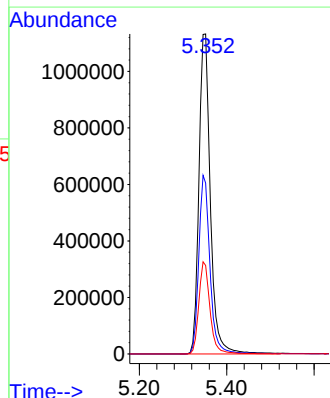
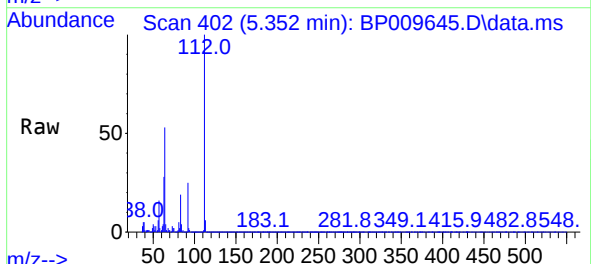
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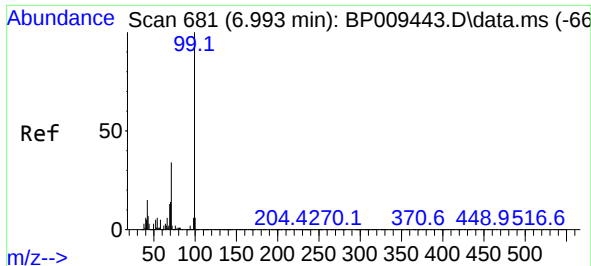
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#5
2-Fluorophenol
Concen: 124.343 ng
RT: 5.352 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

Tgt Ion:112 Resp: 2063781
Ion Ratio Lower Upper
112 100
64 53.4 45.0 67.4
63 27.6 23.0 34.6





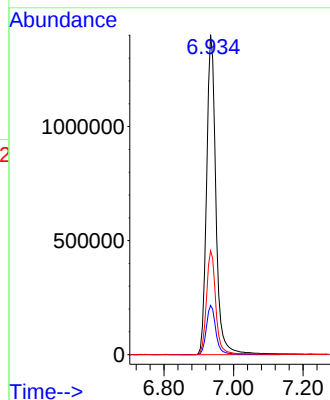
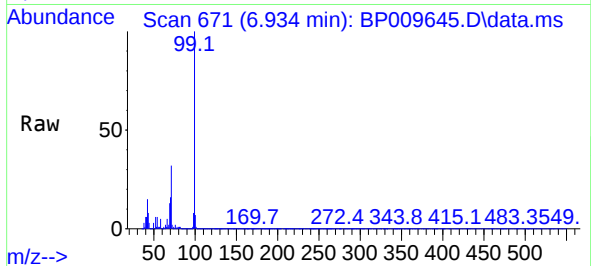
#7
Phenol-d6
Concen: 116.782 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

Instrument :
BNA_P
ClientSampleId :
RO-VNJ-209

Tgt Ion: 99 Resp: 2621240
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 32.5 26.3 39.5

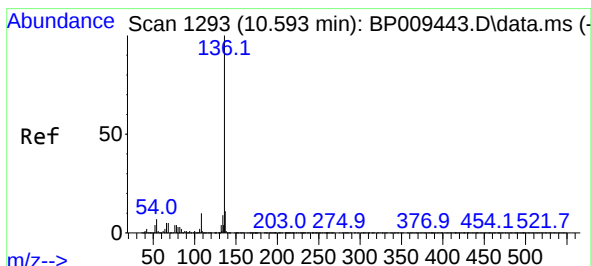
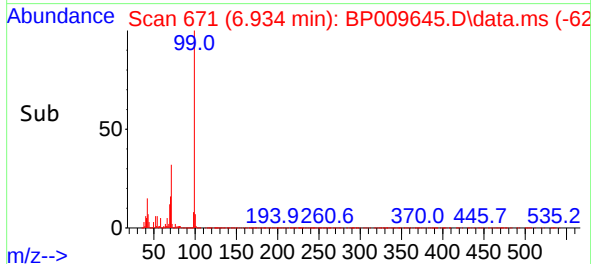
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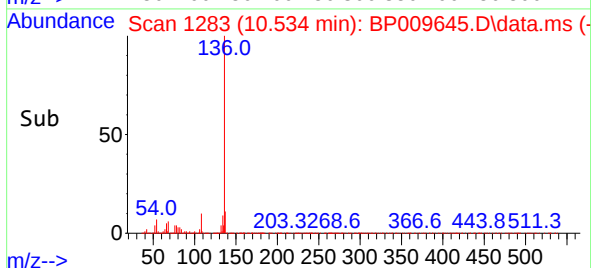
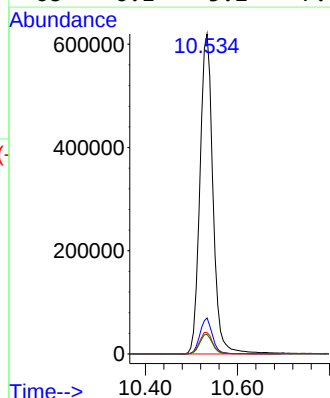
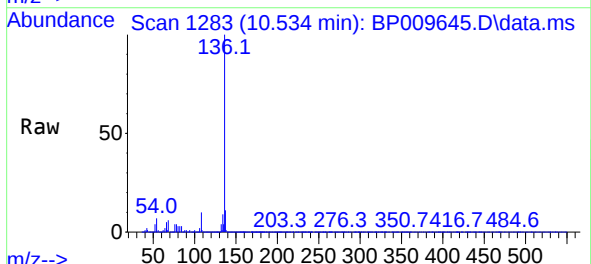
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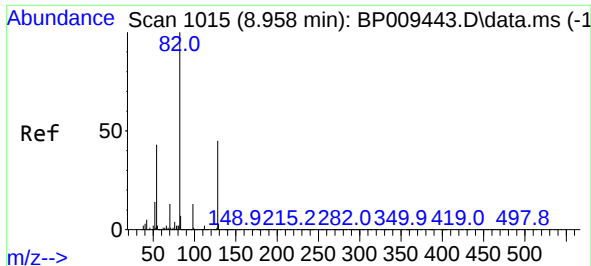
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

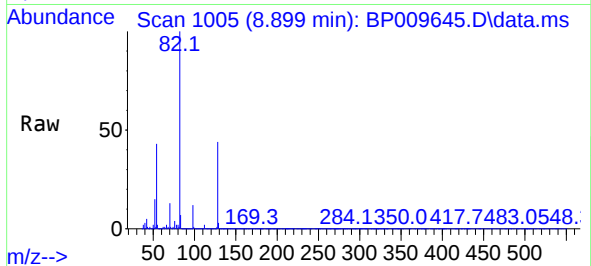
Tgt Ion:136 Resp: 1223611
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 6.7 5.8 8.8
68 6.1 5.2 7.8





#23
Nitrobenzene-d5
Concen: 73.353 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

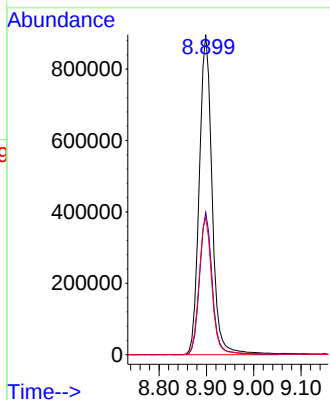
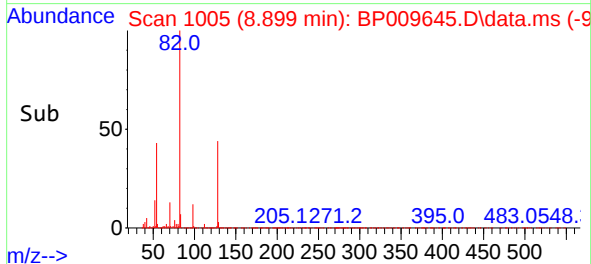
Instrument :
BNA_P
ClientSampleId :
RO-VNJ-209



Tgt Ion: 82 Resp: 1689019
Ion Ratio Lower Upper
82 100
128 44.4 34.2 51.4
54 42.9 34.7 52.1

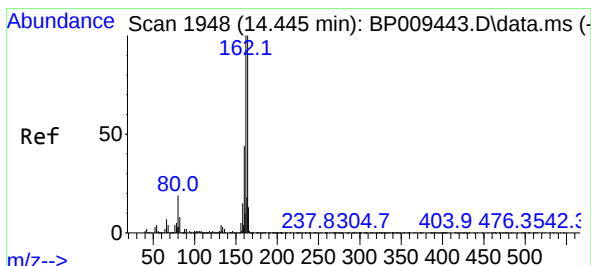
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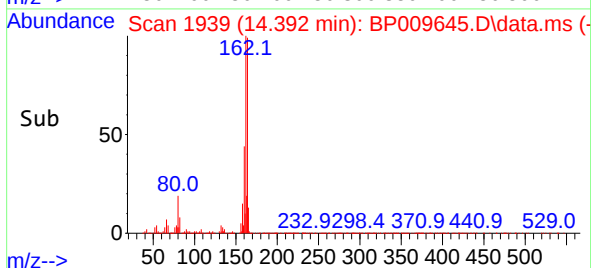
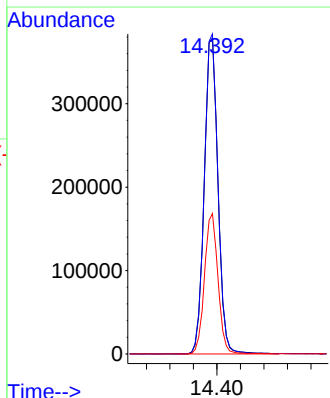
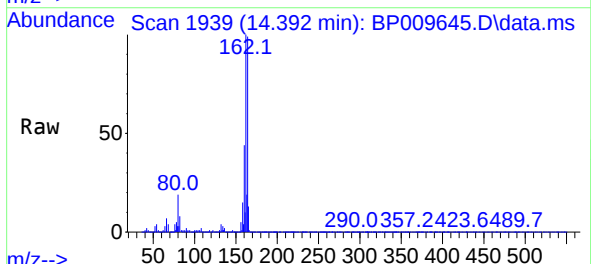
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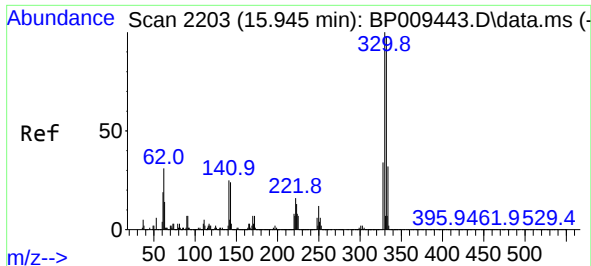
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

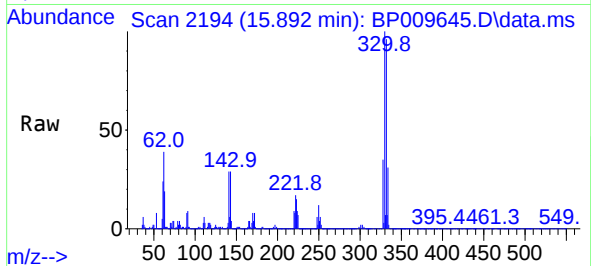
Tgt Ion:164 Resp: 612340
Ion Ratio Lower Upper
164 100
162 101.2 79.1 118.7
160 44.4 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 113.331 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

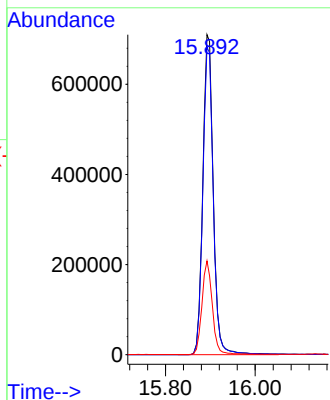
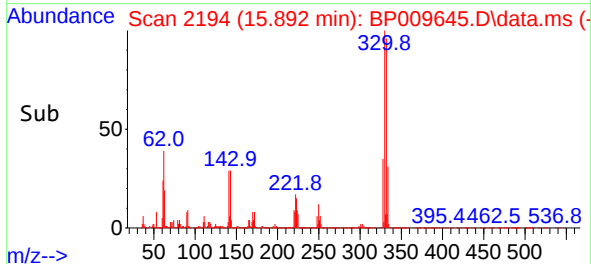
Instrument :
BNA_P
ClientSampleId :
RO-VNJ-209



Tgt Ion:330 Resp: 114517
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 29.1 27.6 41.4

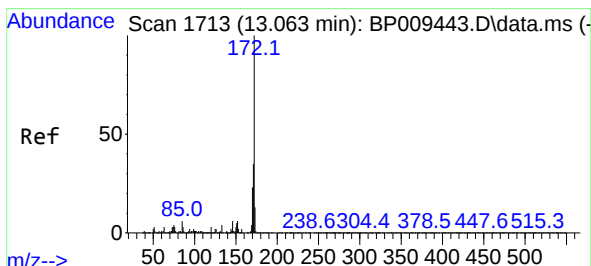
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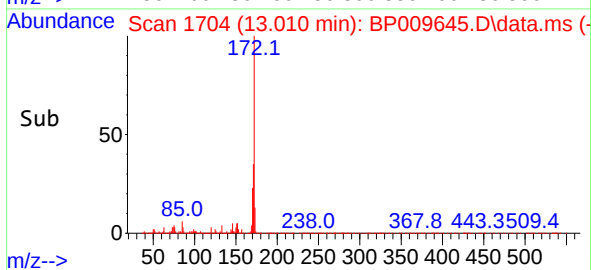
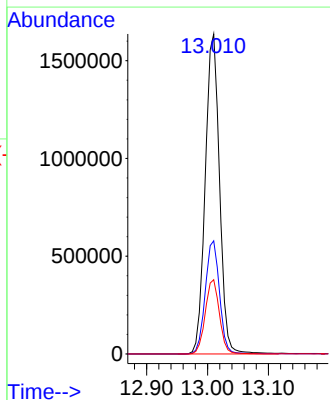
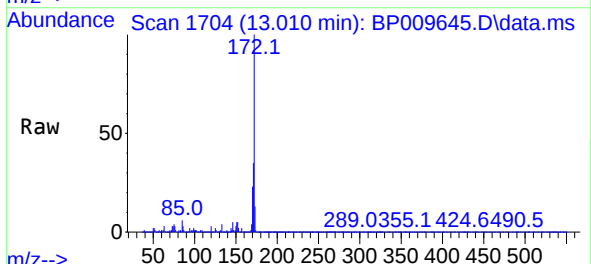
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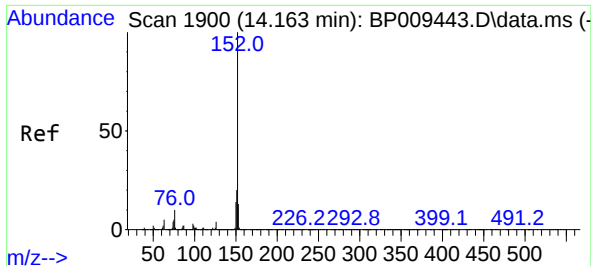
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#45
2-Fluorobiphenyl
Concen: 60.448 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

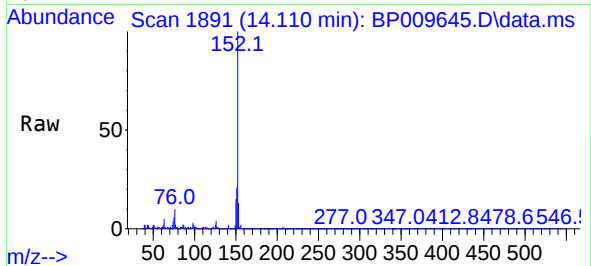
Tgt Ion:172 Resp: 2670059
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.2 18.6 27.8





#49
Acenaphthylene
Concen: 2.545 ng
RT: 14.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

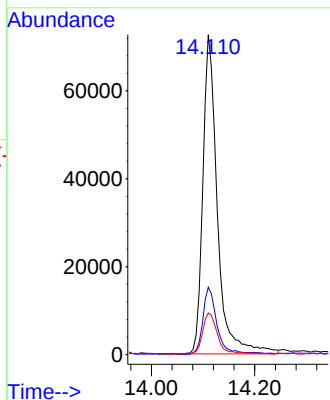
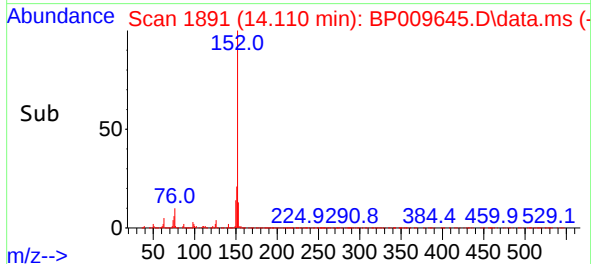
Instrument :
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RO-VNJ-209



Tgt Ion:152 Resp: 14129
Ion Ratio Lower Upper
152 100
151 21.1 15.9 23.9
153 13.0 10.7 16.1

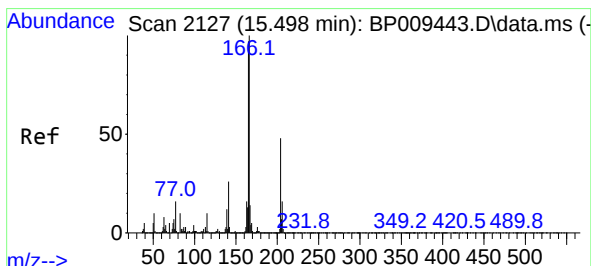
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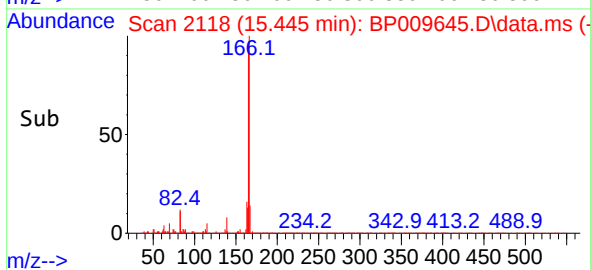
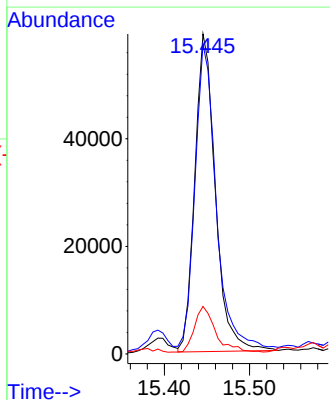
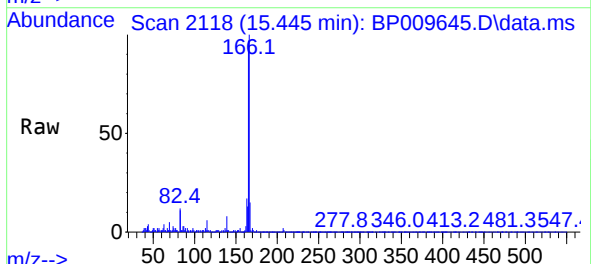
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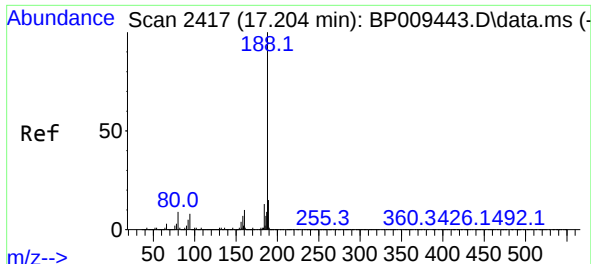
04/01/2022



#58
Fluorene
Concen: 2.261 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

Tgt Ion:166 Resp: 99058
Ion Ratio Lower Upper
166 100
165 96.8 79.2 118.8
167 14.8 10.7 16.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

Instrument :

BNA_P

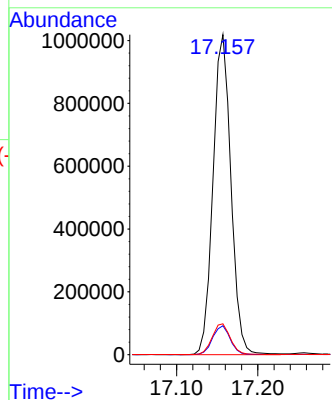
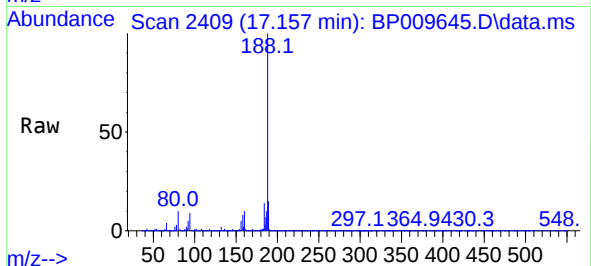
ClientSampleId :

RO-VNJ-209

Tgt Ion:188 Resp: 156010
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 9.6 8.8 13.2

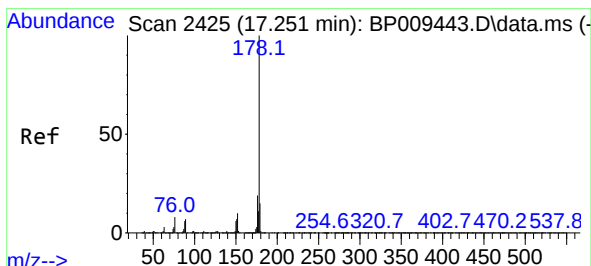
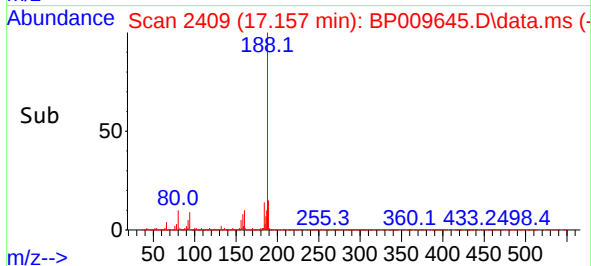
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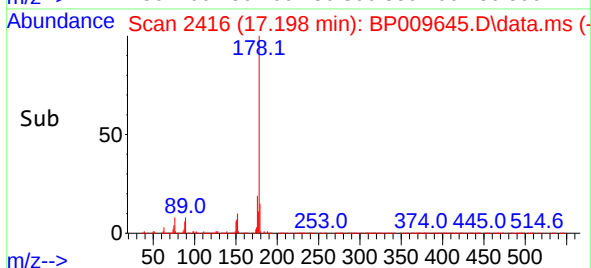
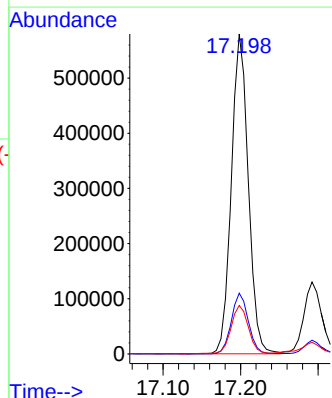
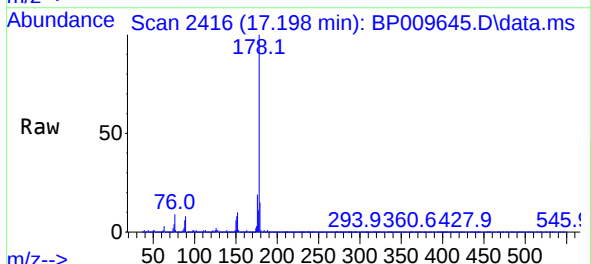
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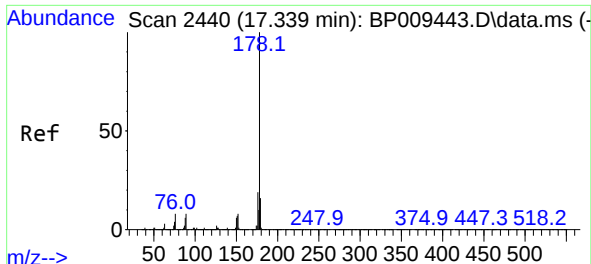
04/01/2022



#71
Phenanthrene
Concen: 10.560 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

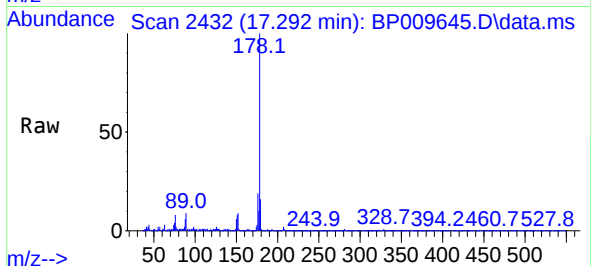
Tgt Ion:178 Resp: 881889
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.1 12.3 18.5





#72
 Anthracene
 Concen: 2.434 ng
 RT: 17.292 min Scan# 2440
 Delta R.T. -0.000 min
 Lab File: BP009645.D
 Acq: 31 Mar 2022 18:24

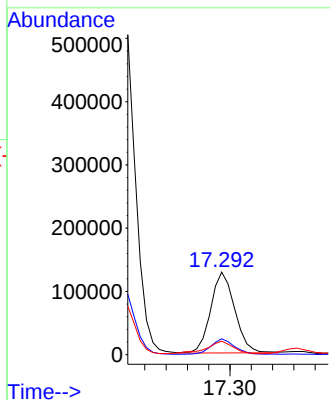
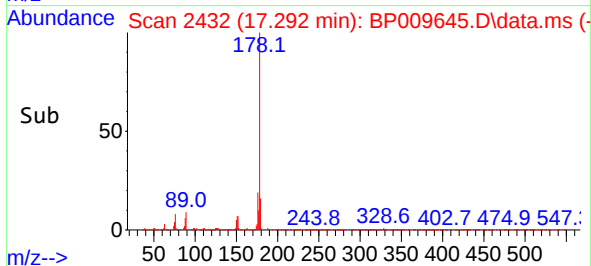
Instrument :
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 RO-VNJ-209



Tgt Ion:178 Resp: 200681
 Ion Ratio Lower Upper
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 176 19.2 14.8 22.2
 179 16.3 12.2 18.4

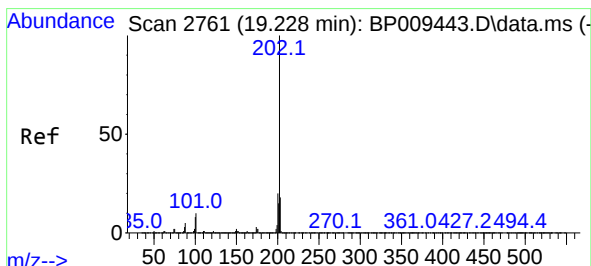
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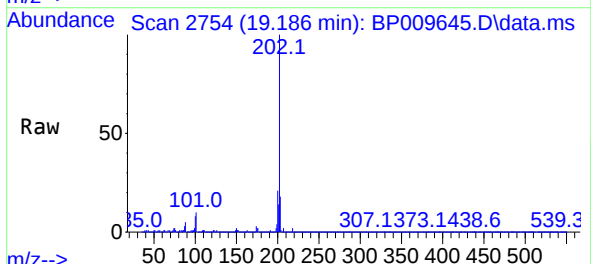


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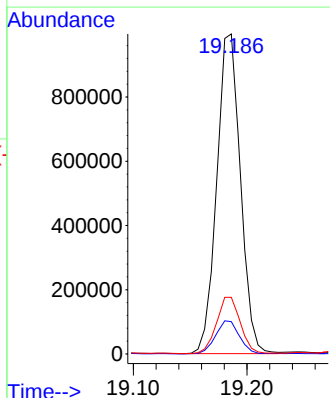
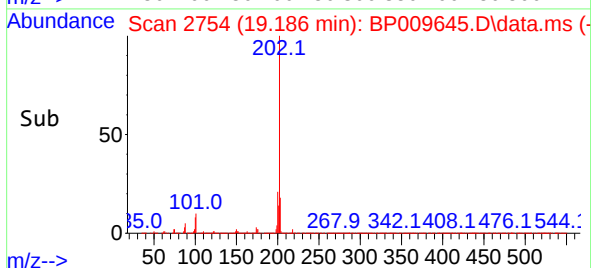
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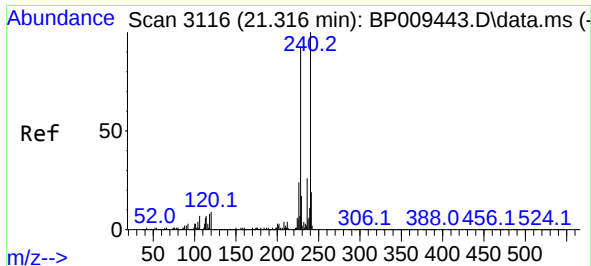


#75
 Fluoranthene
 Concen: 14.276 ng
 RT: 19.186 min Scan# 2754
 Delta R.T. 0.006 min
 Lab File: BP009645.D
 Acq: 31 Mar 2022 18:24



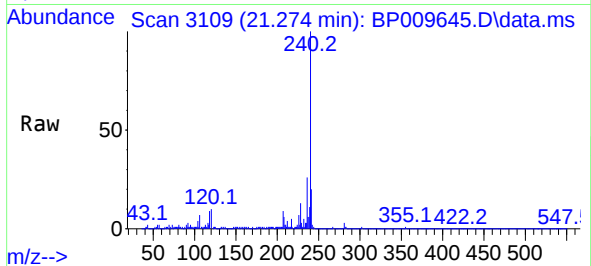
Tgt Ion:202 Resp: 1443372
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 31.5
 203 17.7 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

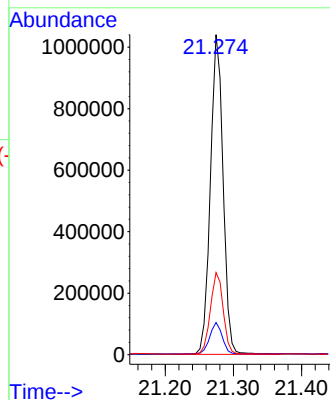
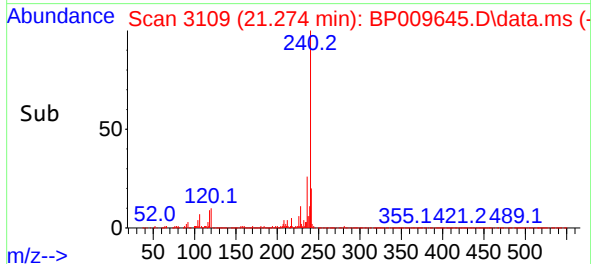
Instrument :
BNA_P
ClientSampleId :
RO-VNJ-209



Tgt Ion:240 Resp: 134846
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.4
236 25.6 20.6 30.8

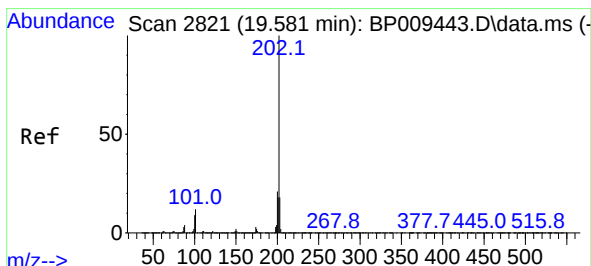
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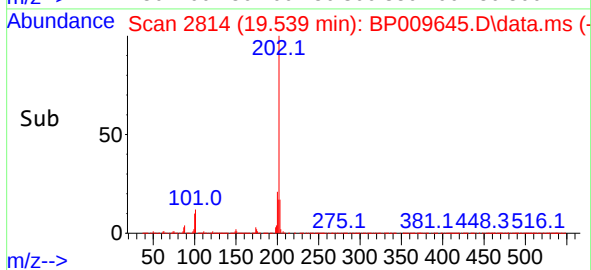
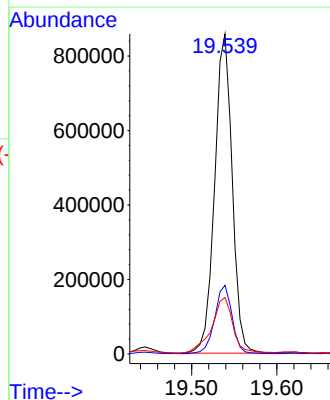
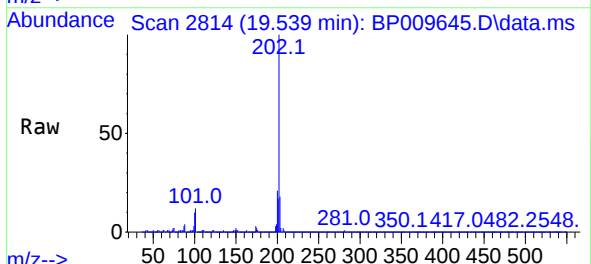
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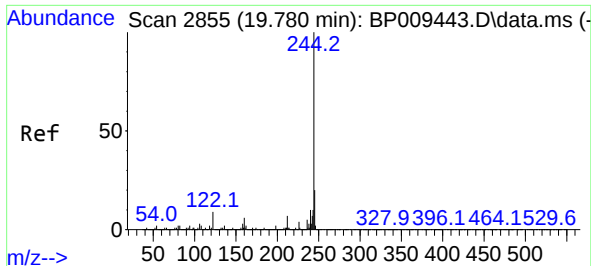
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#78
Pyrene
Concen: 13.798 ng
RT: 19.539 min Scan# 2814
Delta R.T. -0.000 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

Tgt Ion:202 Resp: 1226084
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 17.7 14.2 21.4





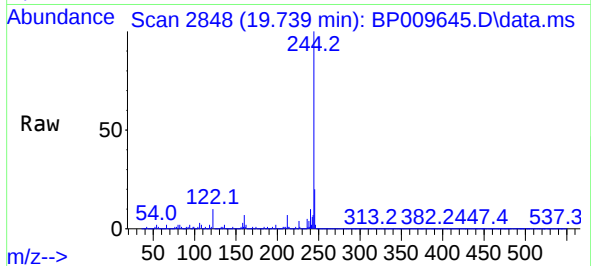
#79
Terphenyl-d14
Concen: 62.939 ng
RT: 19.739 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

Instrument :

BNA_P

ClientSampleId :

RO-VNJ-209



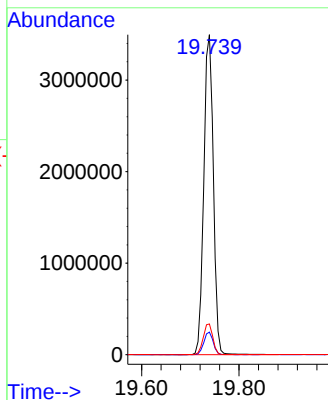
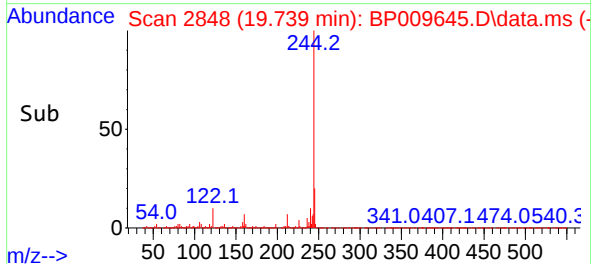
Tgt Ion:244 Resp: 472847

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.6	8.3	12.5

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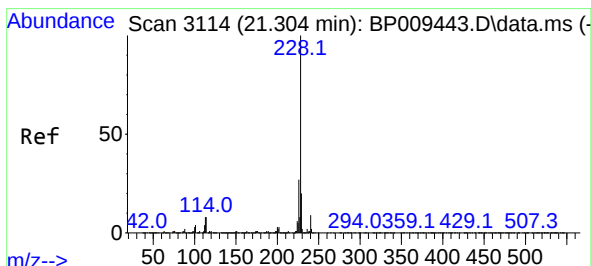
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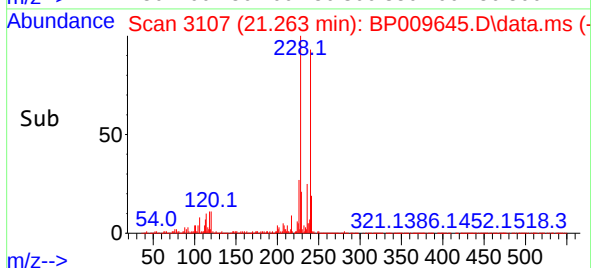
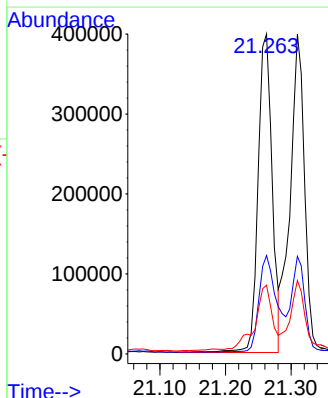
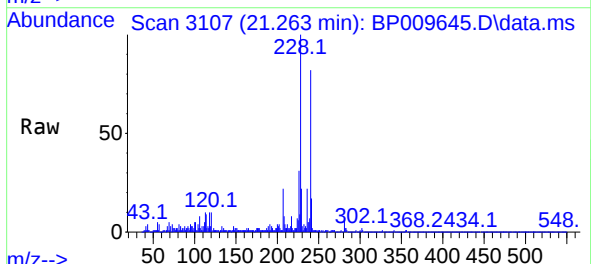
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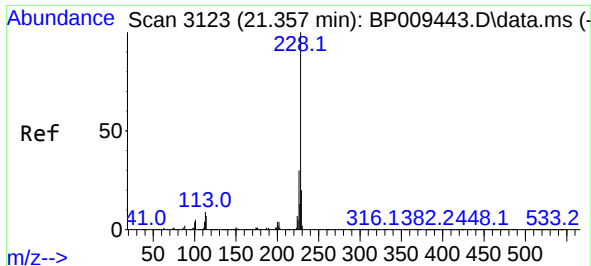


#81
Benzo(a)anthracene
Concen: 6.677 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

Tgt Ion:228 Resp: 591554

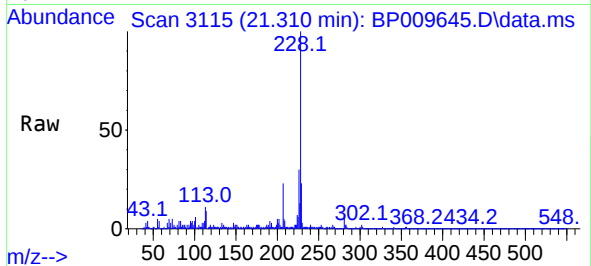
Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.0	33.0
229	21.5	16.1	24.1





#83
Chrysene
Concen: 7.249 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

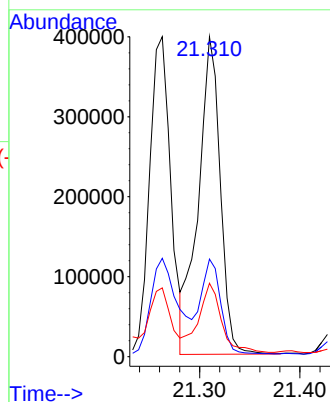
Instrument :
BNA_P
ClientSampleId :
RO-VNJ-209



Tgt Ion:228 Resp: 608110
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 23.0 16.1 24.1

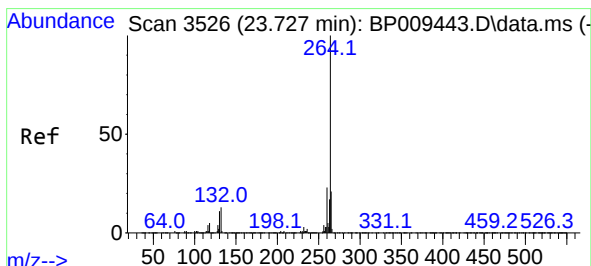
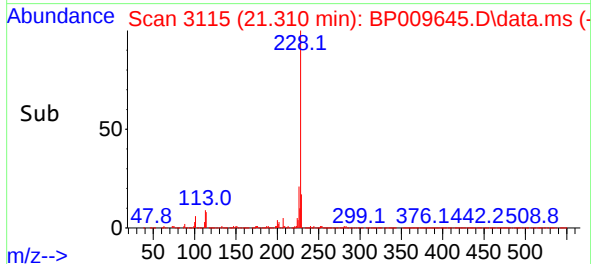
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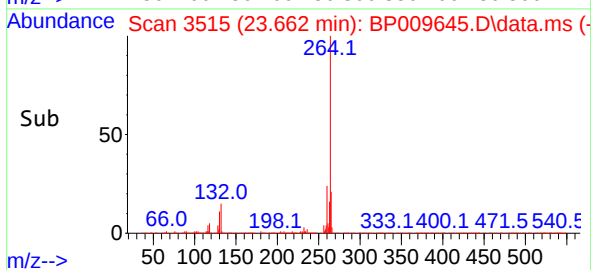
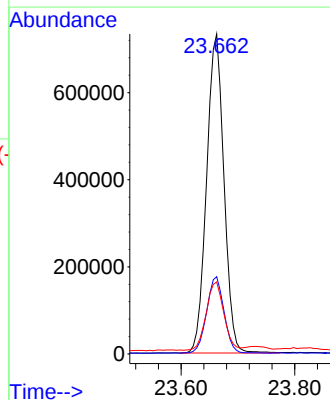
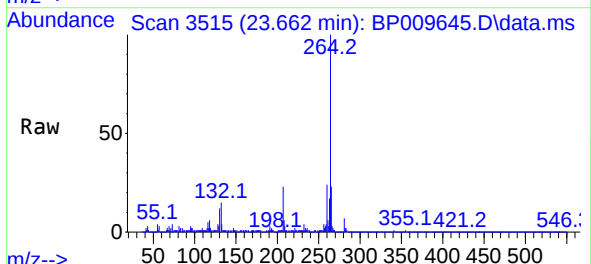
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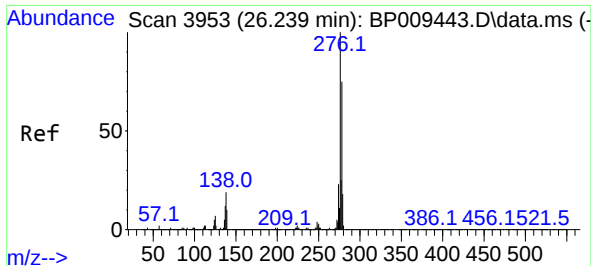
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.662 min Scan# 3515
Delta R.T. 0.012 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

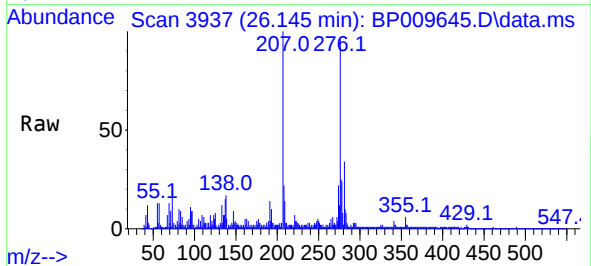
Tgt Ion:264 Resp: 1547877
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.0
265 22.5 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.456 ng
RT: 26.145 min Scan# 3937
Delta R.T. 0.006 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

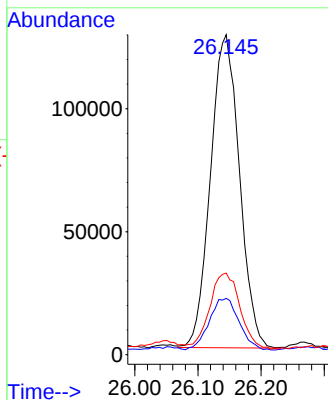
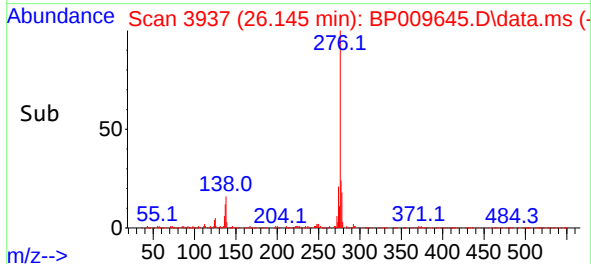
Instrument :
BNA_P
ClientSampleId :
RO-VNJ-209



Tgt Ion:276 Resp: 405838
Ion Ratio Lower Upper
276 100
138 17.0 20.5 30.7
277 25.4 20.4 30.6

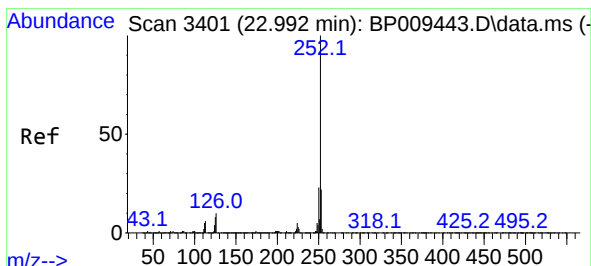
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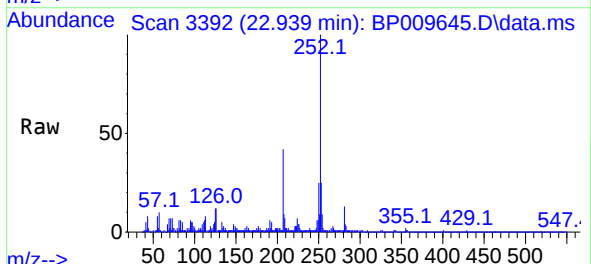


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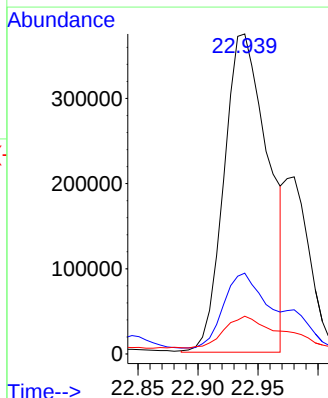
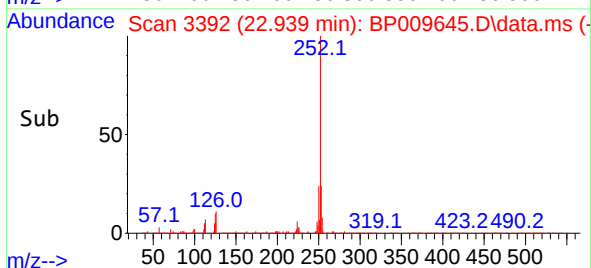
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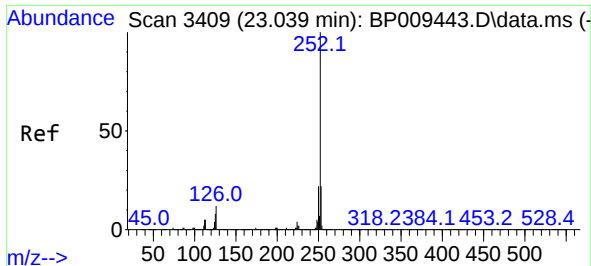


#88
Benzo(b)fluoranthene
Concen: 10.338 ng m
RT: 22.939 min Scan# 3392
Delta R.T. 0.012 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24



Tgt Ion:252 Resp: 955281
Ion Ratio Lower Upper
252 100
253 25.3 17.8 26.8
125 11.8 8.1 12.1





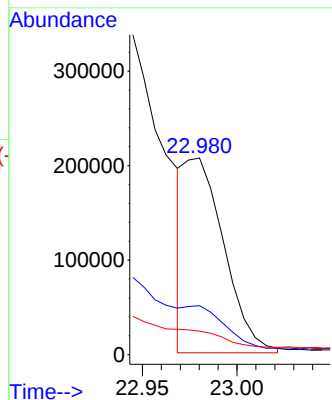
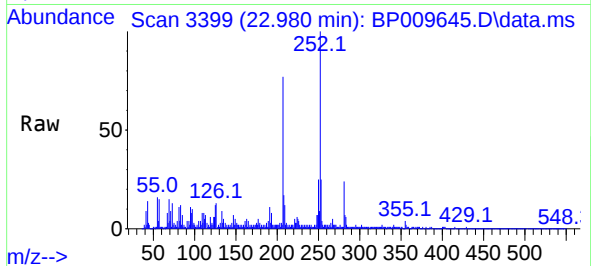
#89
Benzo(k)fluoranthene
Concen: 3.305 ng m
RT: 22.980 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

Instrument :
BNA_P
ClientSampleId :
RO-VNJ-209

Tgt Ion:252 Resp: 29903
Ion Ratio Lower Upper
252 100
253 24.9 17.5 26.3
125 12.0 8.3 12.5

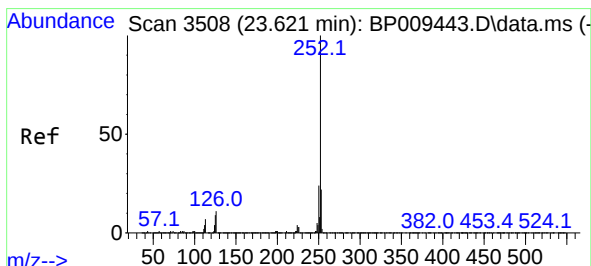
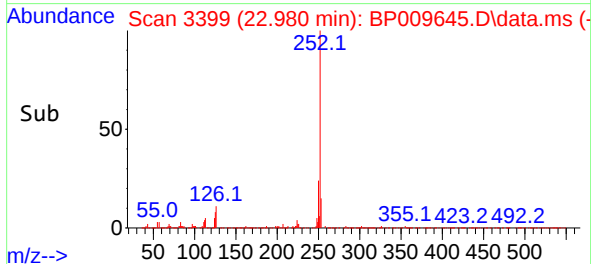
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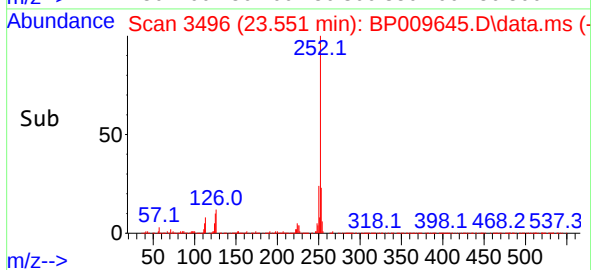
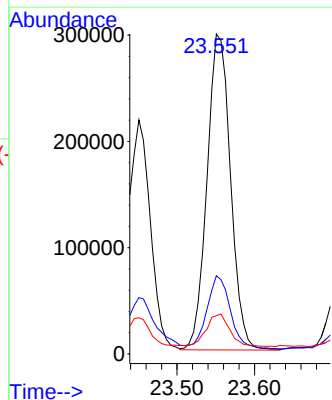
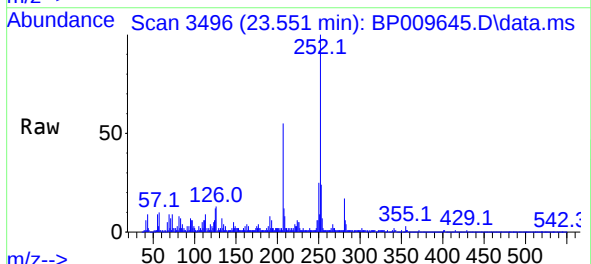
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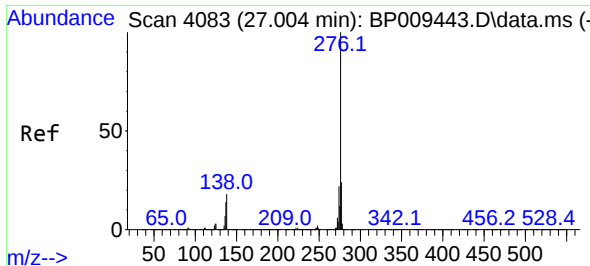
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#90
Benzo(a)pyrene
Concen: 7.944 ng
RT: 23.551 min Scan# 3496
Delta R.T. -0.000 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

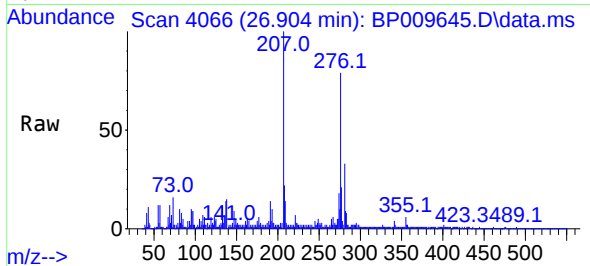
Tgt Ion:252 Resp: 628065
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.6
125 12.0 9.3 13.9





#92
Benzo(g,h,i)perylene
Concen: 4.003 ng
RT: 26.904 min Scan# 4083
Delta R.T. 0.006 min
Lab File: BP009645.D
Acq: 31 Mar 2022 18:24

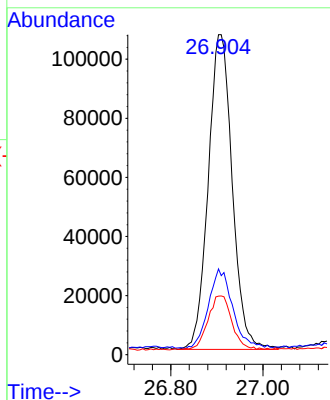
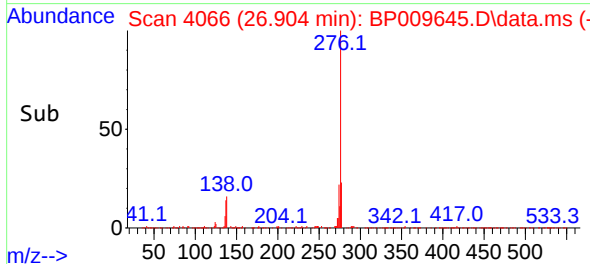
Instrument :
BNA_P
ClientSampleId :
RO-VNJ-209



Tgt Ion: 276 Resp: 38539
Ion Ratio Lower Upper
276 100
277 26.8 19.2 28.8
138 18.3 18.0 27.0

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