

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062921\
 Data File : BP006104.D
 Acq On : 29 Jun 2021 22:36
 Operator : CG/JU
 Sample : M2884-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-03-062821

Manual Integrations
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Quant Time: Jun 30 01:14:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 11:34:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	144321	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	533834	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	313745	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	607571	20.000	ng	0.00
76) Chrysene-d12	21.351	240	527960	20.000	ng	0.00
86) Perylene-d12	23.757	264	551439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	332418	36.960	ng	0.00
7) Phenol-d6	7.087	99	400743	34.376	ng	0.00
23) Nitrobenzene-d5	9.069	82	244193	22.427	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	182329	33.864	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	570591	23.881	ng	0.00
79) Terphenyl-d14	19.828	244	797011	28.267	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.322	178	143221	3.925	ng	99
75) Fluoranthene	19.281	202	361425	8.157	ng	97
78) Pyrene	19.633	202	276887	7.512	ng	99
81) Benzo(a)anthracene	21.339	228	131496	3.450	ng	97
83) Chrysene	21.386	228	149747m	4.057	ng	
87) Indeno(1,2,3-cd)pyrene	26.280	276	99208	2.104	ng	99
88) Benzo(b)fluoranthene	23.022	252	196246	5.196	ng	# 90
90) Benzo(a)pyrene	23.645	252	124101	3.495	ng	# 90
92) Benzo(g,h,i)perylene	27.062	276	103243	2.575	ng	# 95

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

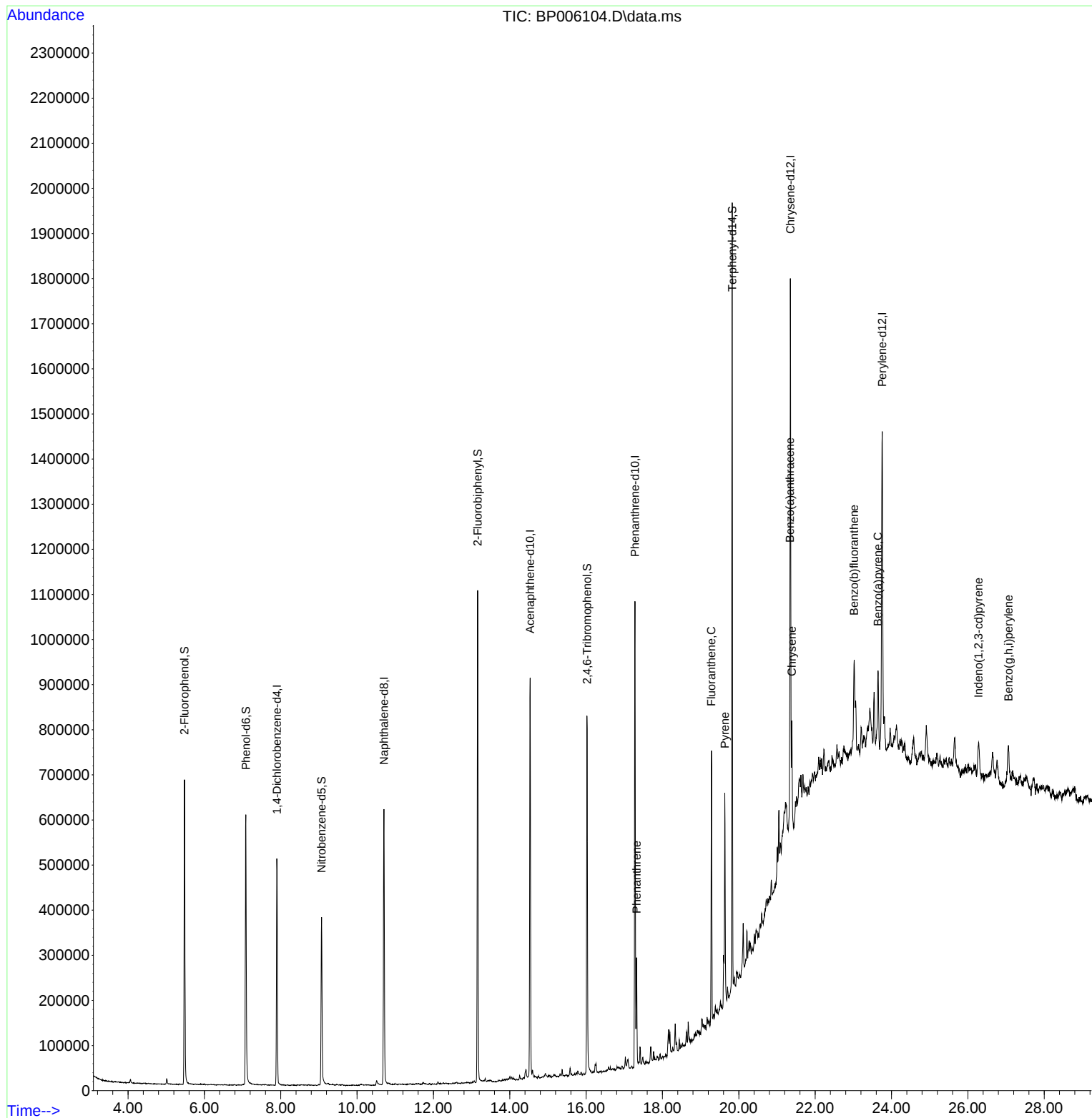
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062921\
Data File : BP006104.D
Acq On : 29 Jun 2021 22:36
Operator : CG/JU
Sample : M2884-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

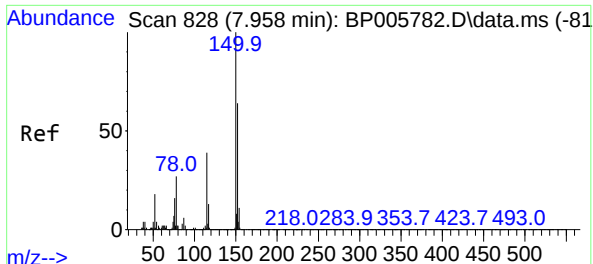
Instrument :
BNA_P
ClientSampleId :
OK-03-062821

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Quant Time: Jun 30 01:14:48 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 11:34:30 2021
Response via : Initial Calibration





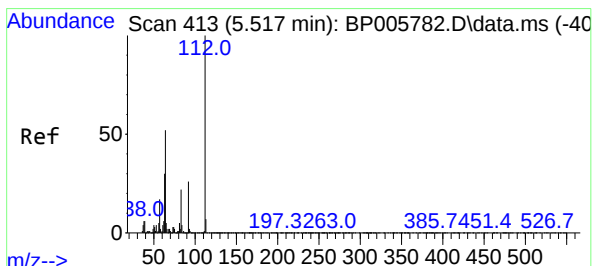
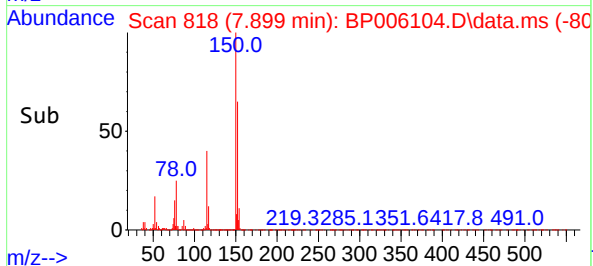
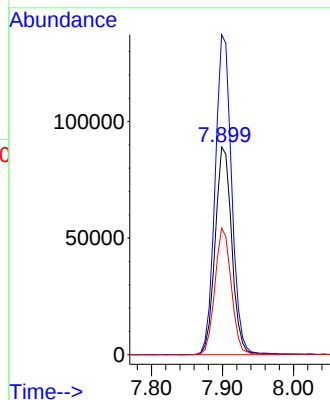
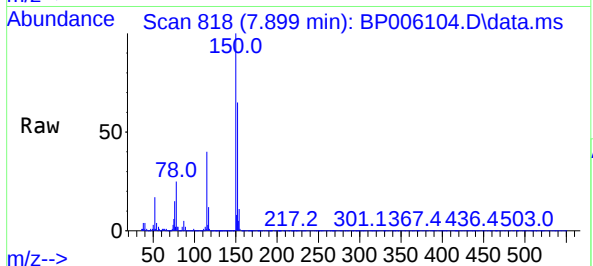
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

Tgt Ion:152 Resp: 144321
Ion Ratio Lower Upper
152 100
150 154.2 125.6 188.4
115 61.0 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
OK-03-062821

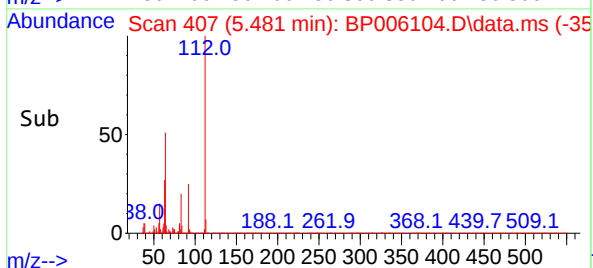
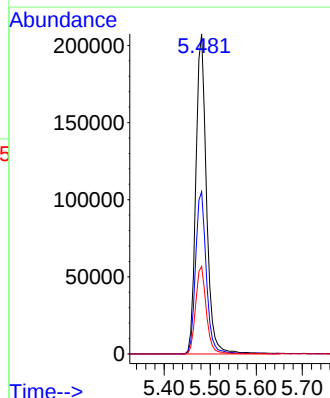
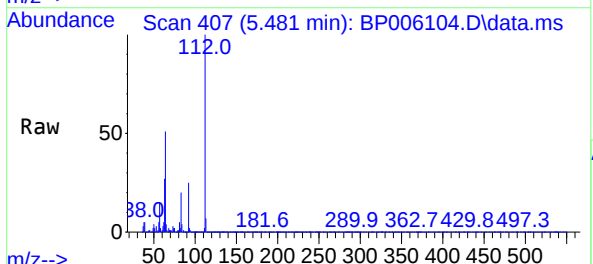
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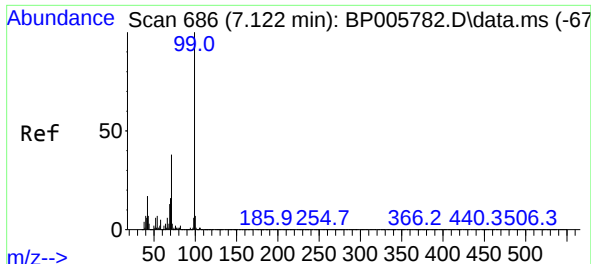
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#5
2-Fluorophenol
Concen: 36.960 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

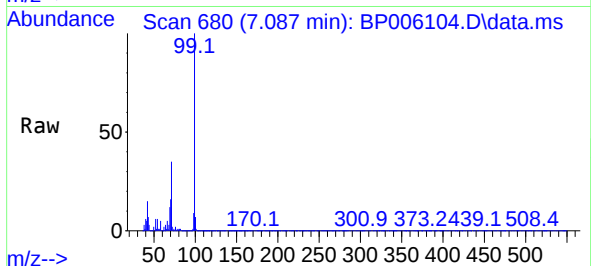
Tgt Ion:112 Resp: 332418
Ion Ratio Lower Upper
112 100
64 50.7 41.4 62.2
63 27.4 23.8 35.8





#7
Phenol-d6
Concen: 34.376 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

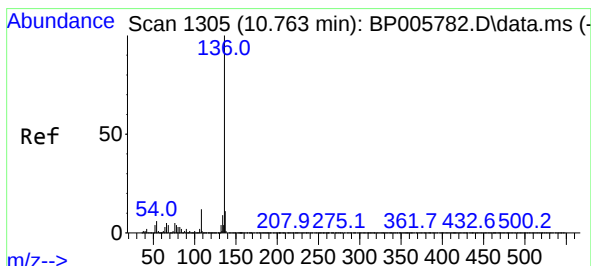
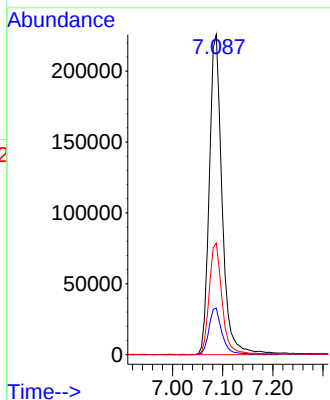
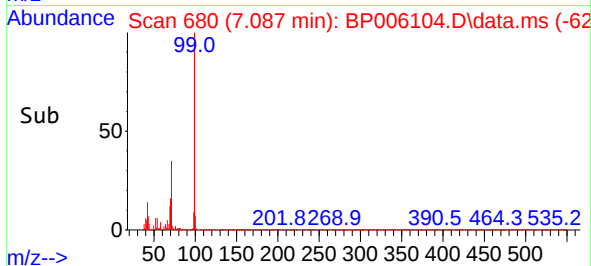
Instrument :
BNA_P
ClientSampleId :
OK-03-062821



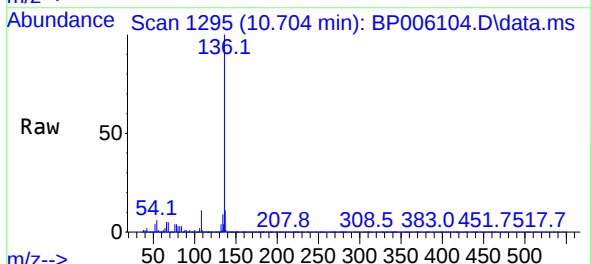
Tgt Ion: 99 Resp: 400743
Ion Ratio Lower Upper
99 100
42 14.6 13.4 20.0
71 34.9 30.6 46.0

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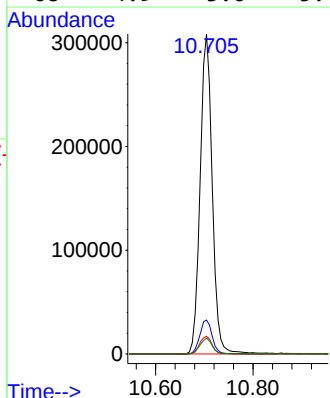
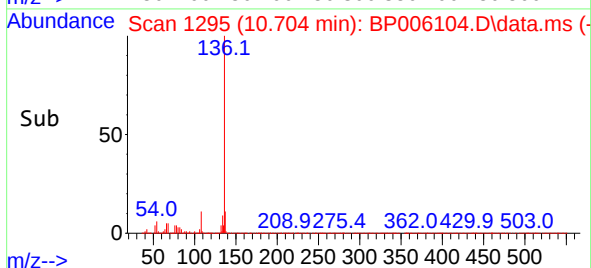
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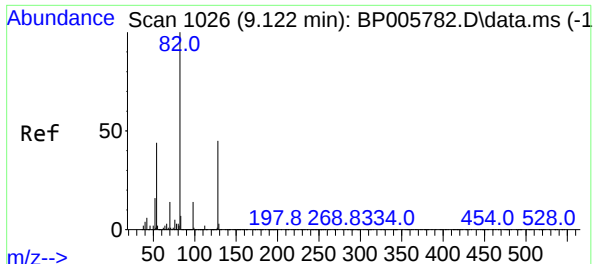


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36



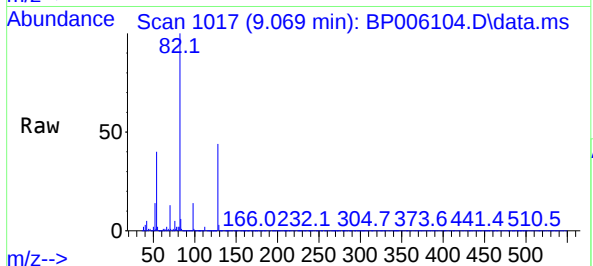
Tgt Ion: 136 Resp: 533834
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 5.5 4.6 6.8
68 4.9 3.6 5.4





#23
Nitrobenzene-d5
Concen: 22.427 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

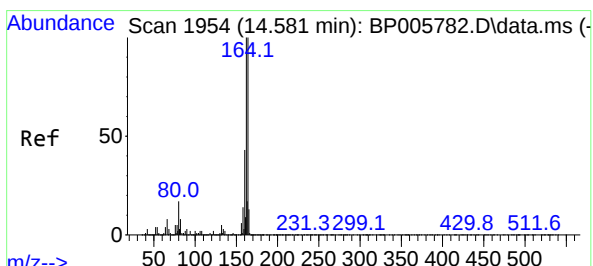
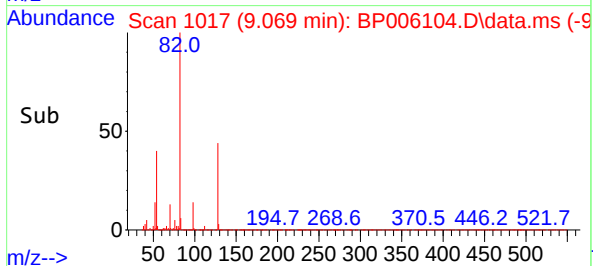
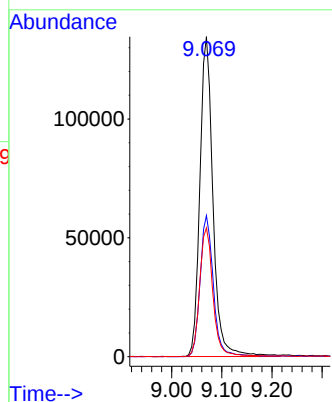
Instrument :
BNA_P
ClientSampleId :
OK-03-062821



Tgt Ion: 82 Resp: 244193
Ion Ratio Lower Upper
82 100
128 44.1 35.7 53.5
54 40.2 35.0 52.4

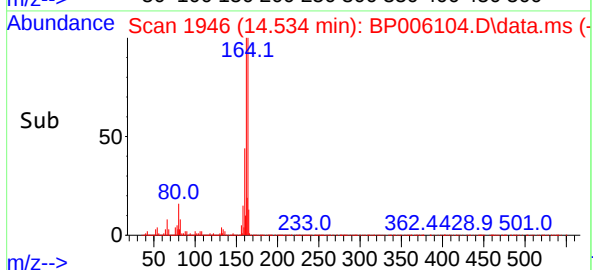
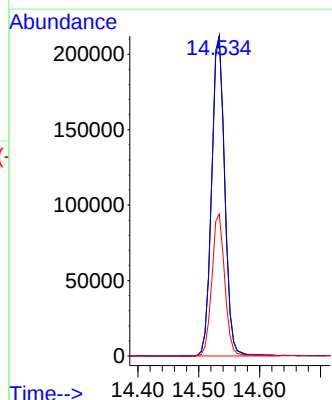
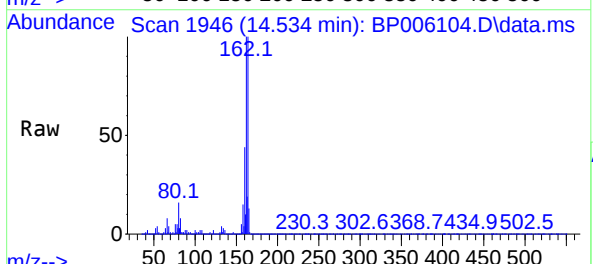
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

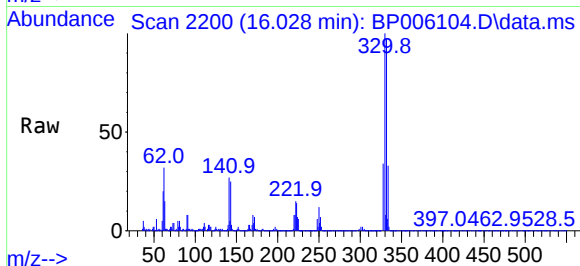
Tgt Ion: 164 Resp: 313745
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.2
160 44.4 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 33.864 ng
RT: 16.028 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

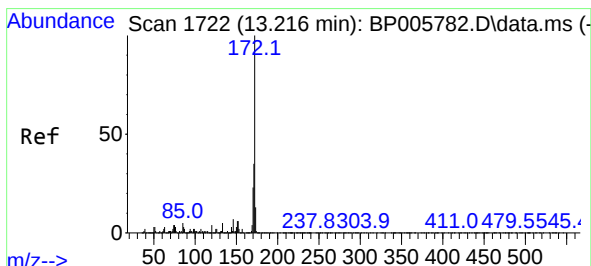
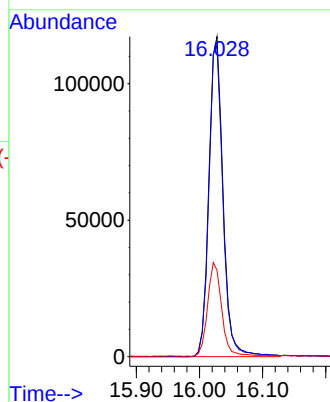
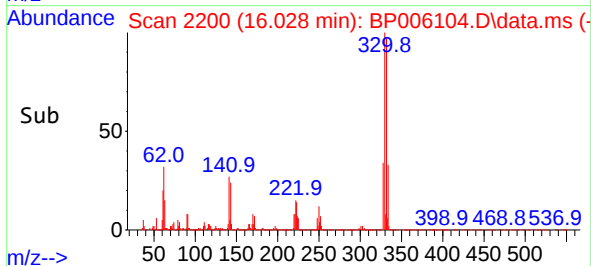
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ClientSampleId :
OK-03-062821



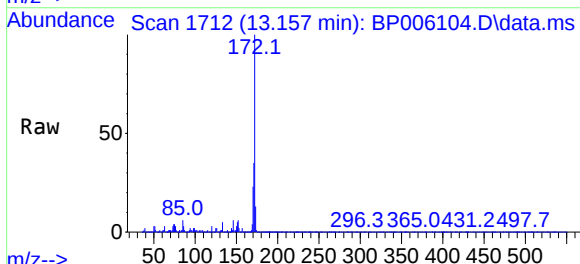
Tgt Ion:330 Resp: 182329
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 29.4 25.4 38.2

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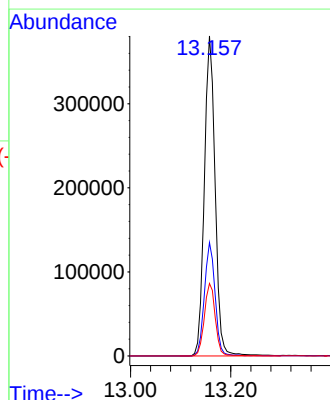
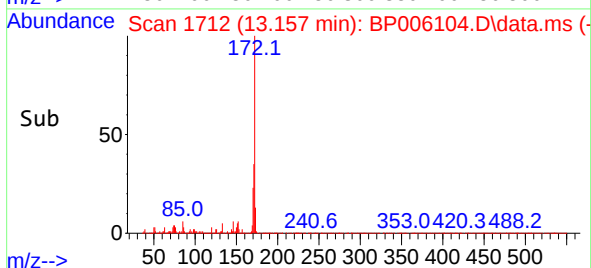
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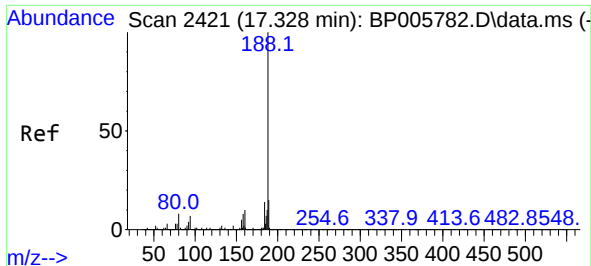


#45
2-Fluorobiphenyl
Concen: 23.881 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36



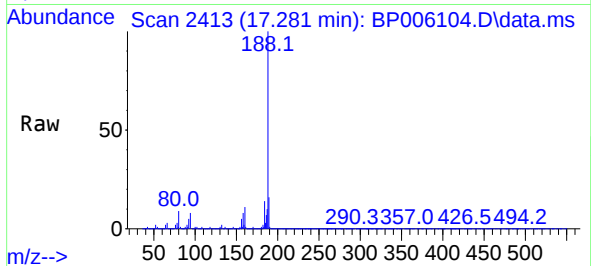
Tgt Ion:172 Resp: 570591
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 22.7 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

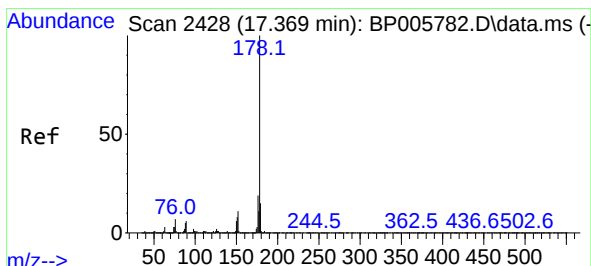
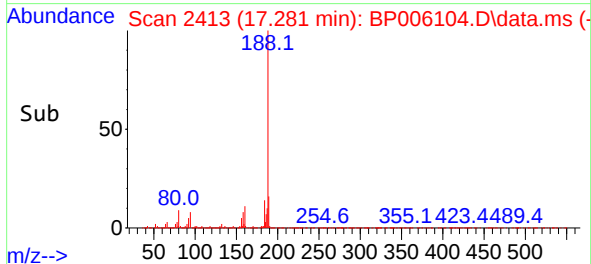
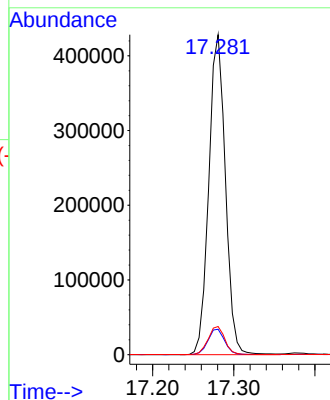
Instrument :
BNA_P
ClientSampleId :
OK-03-062821



Tgt Ion:188 Resp: 607571
Ion Ratio Lower Upper
188 100
94 8.0 5.6 8.4
80 8.8 6.3 9.5

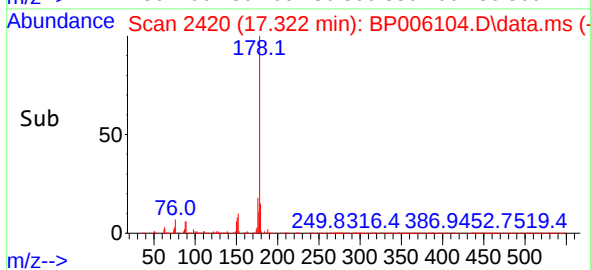
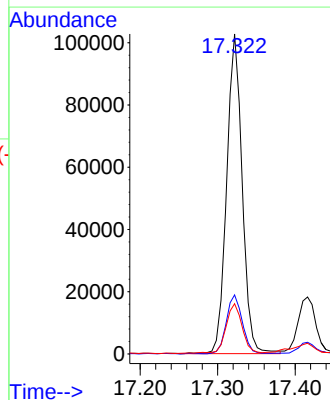
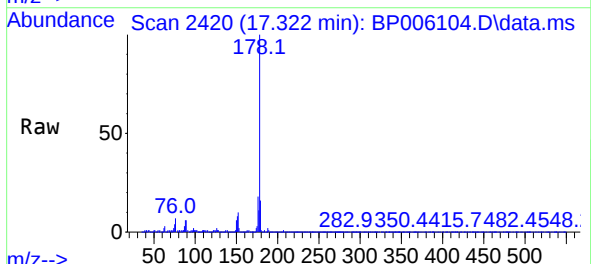
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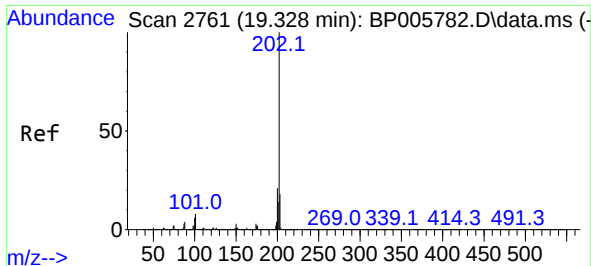
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#71
Phenanthrene
Concen: 3.925 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

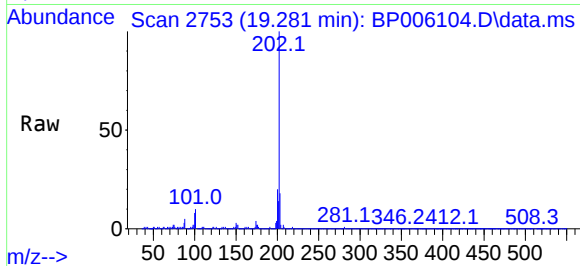
Tgt Ion:178 Resp: 143221
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.7 12.4 18.6





#75
Fluoranthene
Concen: 8.157 ng
RT: 19.281 min Scan# 2753
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

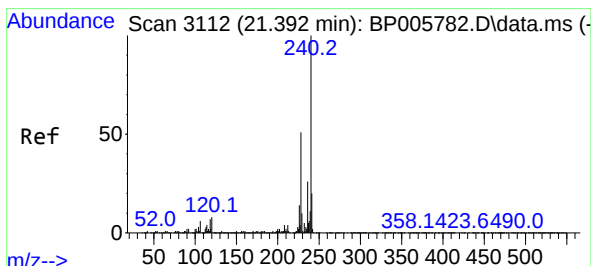
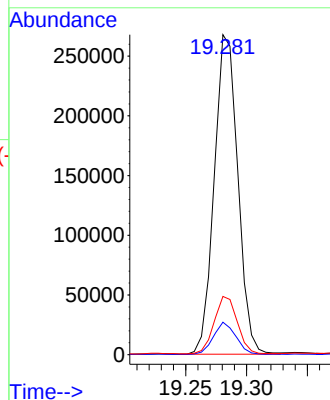
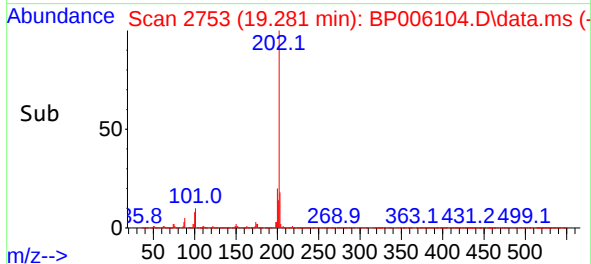
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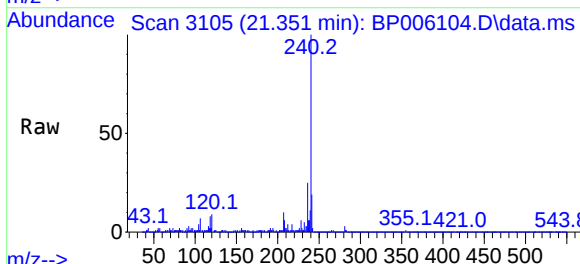
Tgt Ion:202 Resp: 361425
Ion Ratio Lower Upper
202 100
101 10.1 0.0 27.6
203 18.2 0.0 37.8

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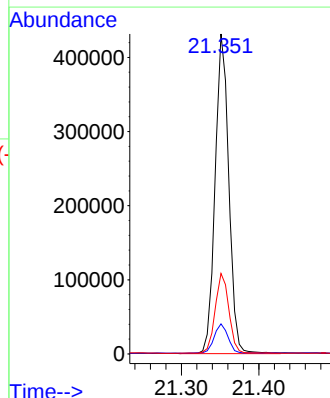
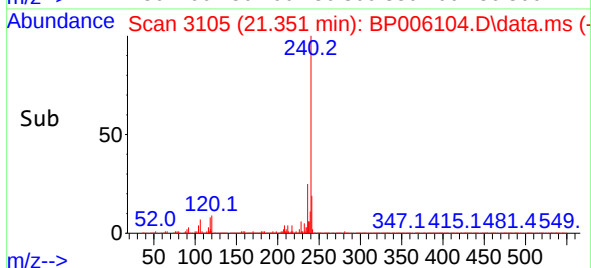
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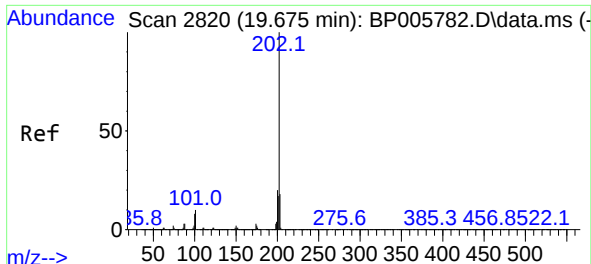


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36



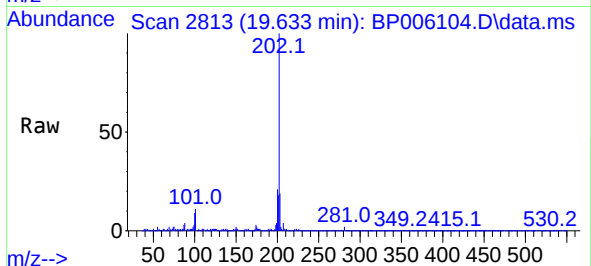
Tgt Ion:240 Resp: 527960
Ion Ratio Lower Upper
240 100
120 9.4 6.5 9.7
236 25.1 20.6 31.0





#78
Pyrene
Concen: 7.512 ng
RT: 19.633 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

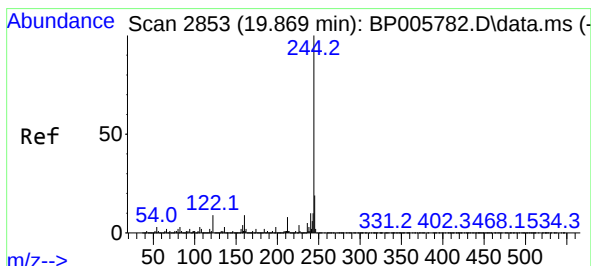
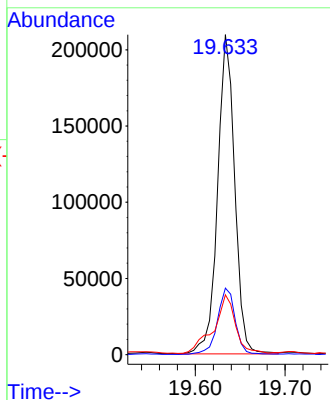
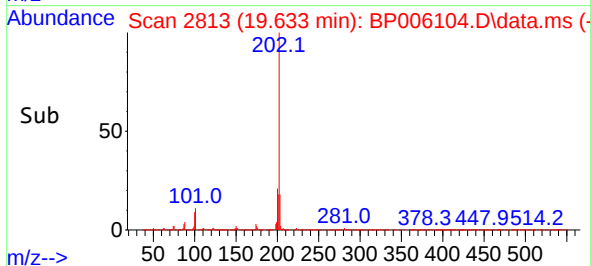
Instrument :
BNA_P
ClientSampleId :
OK-03-062821



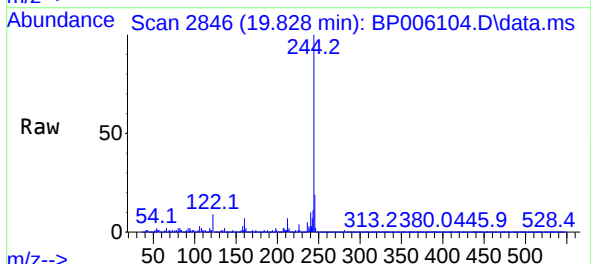
Tgt Ion:202 Resp: 276887
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 18.7 14.2 21.2

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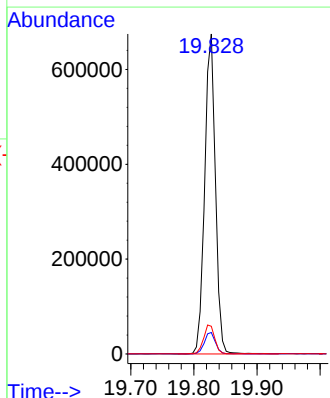
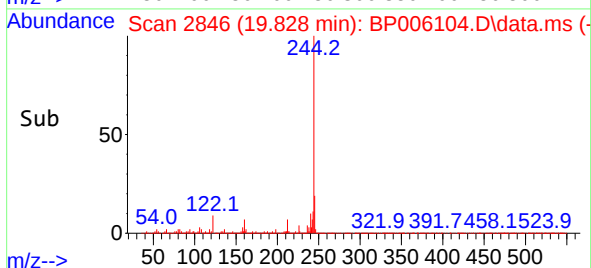
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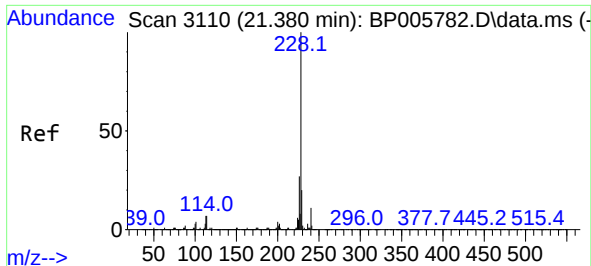


#79
Terphenyl-d14
Concen: 28.267 ng
RT: 19.828 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

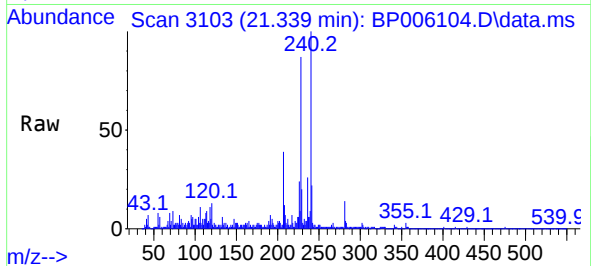


Tgt Ion:244 Resp: 797011
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 8.7 7.1 10.7

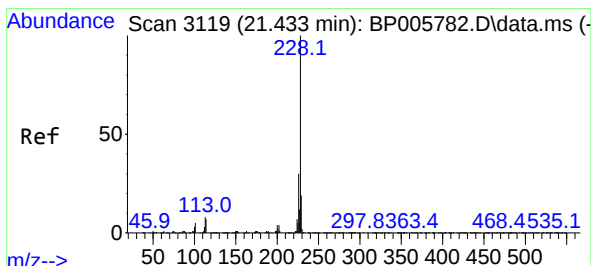
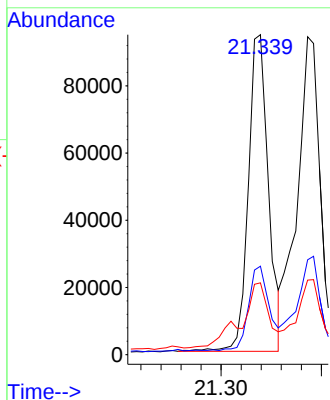
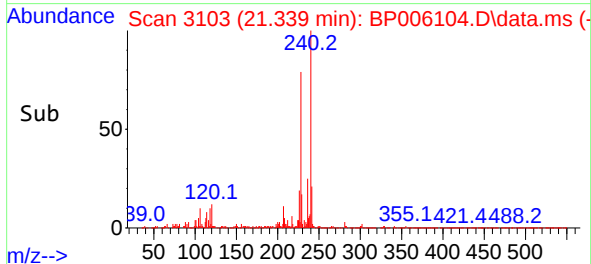




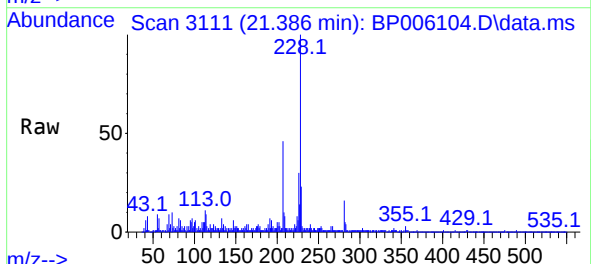
#81
Benzo(a)anthracene
Concen: 3.450 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36



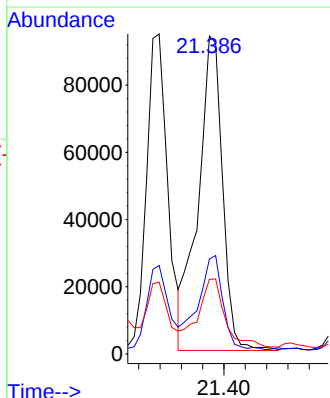
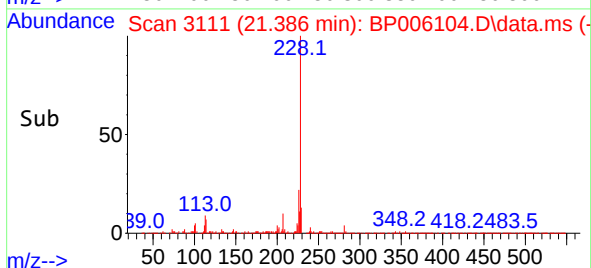
Tgt Ion:228 Resp: 131496
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 22.5 15.8 23.6



#83
Chrysene
Concen: 4.057 ng m
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36



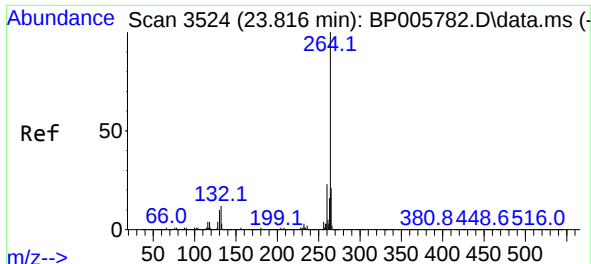
Tgt Ion:228 Resp: 149747
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 23.5 15.4 23.2#



Instrument :
BNA_P
ClientSampleId :
OK-03-062821

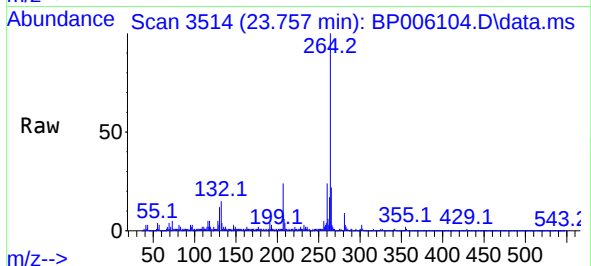
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

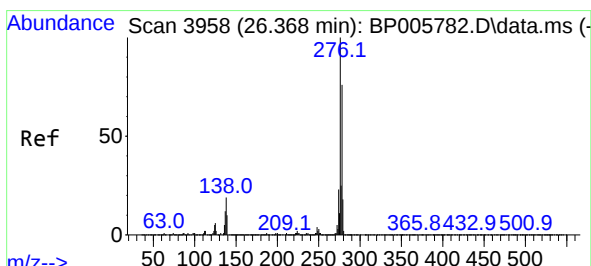
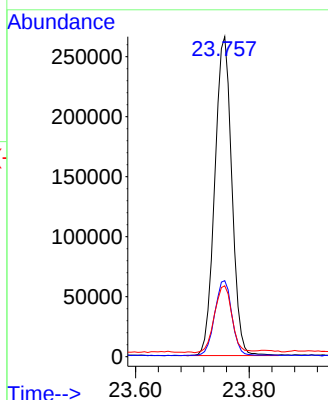
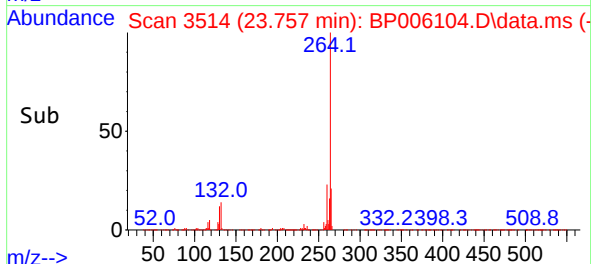
Instrument :
BNA_P
ClientSampleId :
OK-03-062821



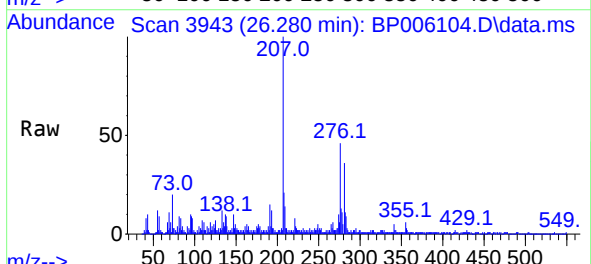
Tgt Ion:264 Resp: 551439
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.1 17.6 26.4

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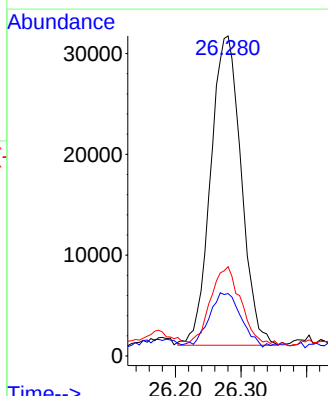
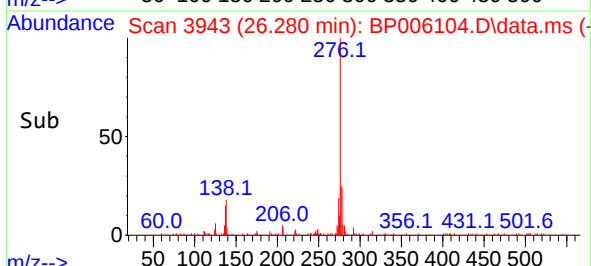
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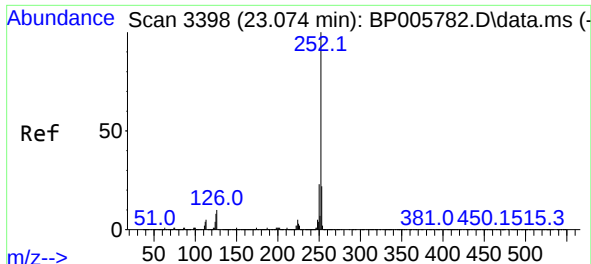


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.104 ng
RT: 26.280 min Scan# 3943
Delta R.T. -0.012 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36



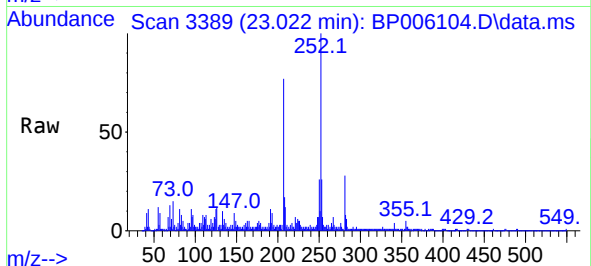
Tgt Ion:276 Resp: 99208
Ion Ratio Lower Upper
276 100
138 18.3 15.3 22.9
277 26.2 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 5.196 ng
RT: 23.022 min Scan# 3389
Delta R.T. 0.000 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

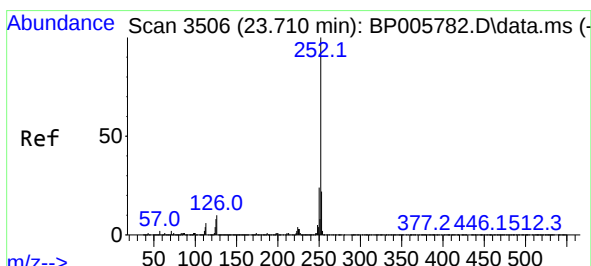
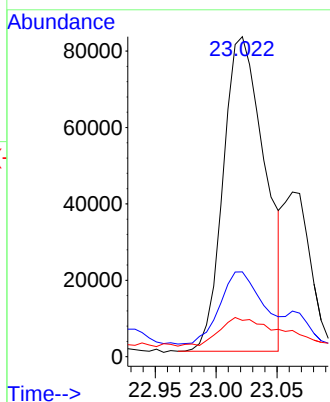
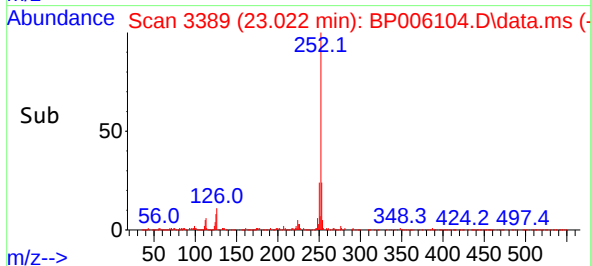
Instrument :
BNA_P
ClientSampleId :
OK-03-062821



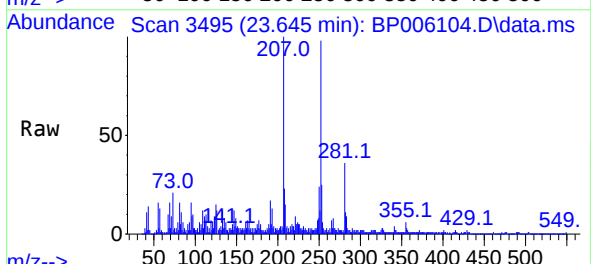
Tgt Ion:252 Resp: 196246
Ion Ratio Lower Upper
252 100
253 26.5 17.5 26.3#
125 11.3 6.2 9.4#

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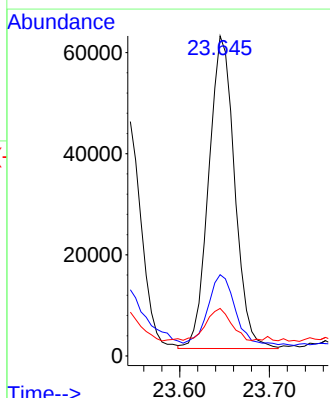
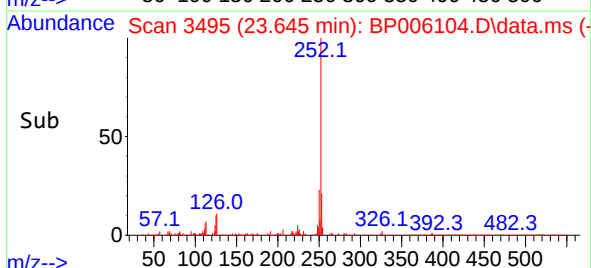
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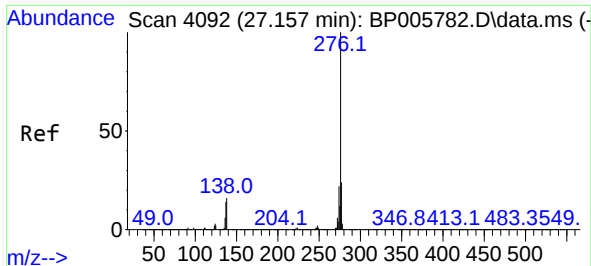


#90
Benzo(a)pyrene
Concen: 3.495 ng
RT: 23.645 min Scan# 3495
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36



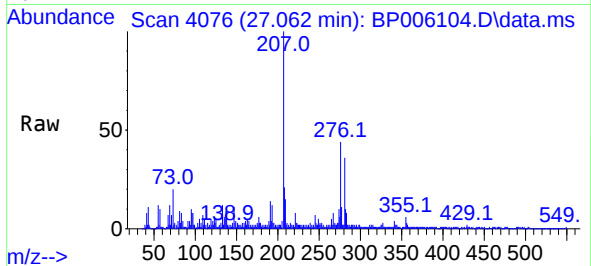
Tgt Ion:252 Resp: 124101
Ion Ratio Lower Upper
252 100
253 25.4 17.9 26.9
125 14.9 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 2.575 ng
RT: 27.062 min Scan# 4076
Delta R.T. 0.000 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

Instrument :
BNA_P
ClientSampleId :
OK-03-062821



Tgt Ion: 276 Resp: 103243
Ion Ratio Lower Upper
276 100
277 24.8 18.9 28.3
138 19.7 12.6 18.8#

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