

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
 Data File : BP007303.D
 Acq On : 04 Oct 2021 14:05
 Operator : CG/JU
 Sample : M4035-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 286

Manual Integrations
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Quant Time: Oct 04 16:31:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:49:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	194255	20.00	ng	0.00
21) Naphthalene-d8	10.663	136	726143	20.00	ng	# 0.00
39) Acenaphthene-d10	14.498	164	415770	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	802275	20.00	ng	# 0.00
76) Chrysene-d12	21.345	240	769481	20.00	ng	# 0.00
86) Perylene-d12	23.751	264	924297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1690527	145.68	ng	0.00
7) Phenol-d6	7.046	99	1992287	125.61	ng	0.00
23) Nitrobenzene-d5	9.028	82	1189250	95.38	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	700023	129.87	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	2386336	82.23	ng	0.00
79) Terphenyl-d14	19.816	244	2964924	73.84	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.298	178	231534	5.38	ng	99
75) Fluoranthene	19.263	202	584155	11.79	ng	97
78) Pyrene	19.616	202	573361	11.36	ng	99
81) Benzo(a)anthracene	21.327	228	360853	7.22	ng	97
83) Chrysene	21.380	228	333632	6.99	ng	97
87) Indeno(1,2,3-cd)pyrene	26.262	276	242624	3.65	ng	98
88) Benzo(b)fluoranthene	23.016	252	454271	8.22	ng	# 95
89) Benzo(k)fluoranthene	23.057	252	165361m	2.96	ng	
90) Benzo(a)pyrene	23.639	252	358609	7.64	ng	# 95
92) Benzo(g,h,i)perylene	27.039	276	229378	4.22	ng	# 92

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

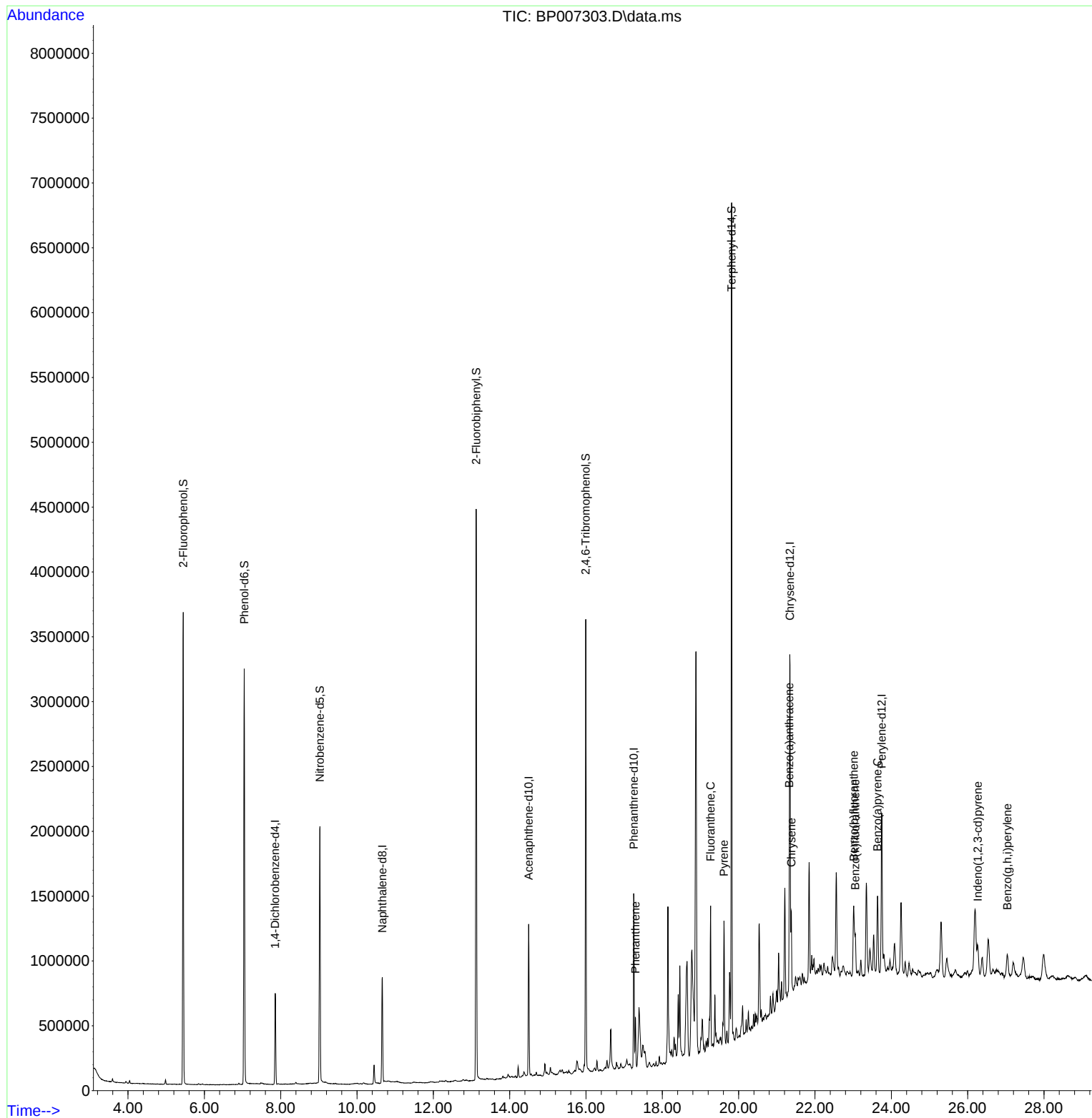
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
Data File : BP007303.D
Acq On : 04 Oct 2021 14:05
Operator : CG/JU
Sample : M4035-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

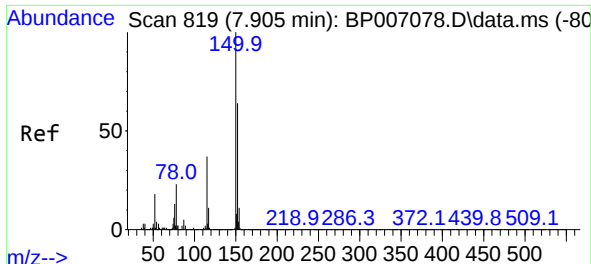
Instrument :
BNA_P
ClientSampleId :
286

Manual Integrations
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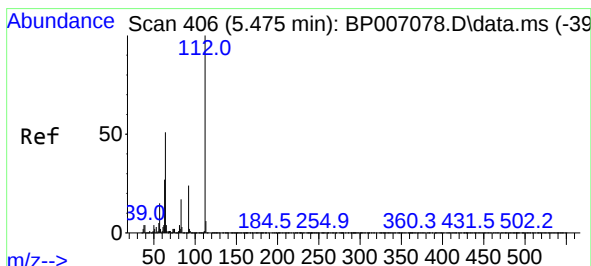
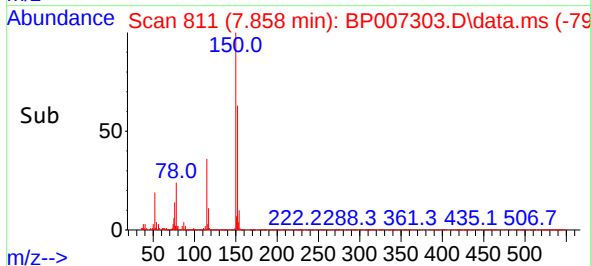
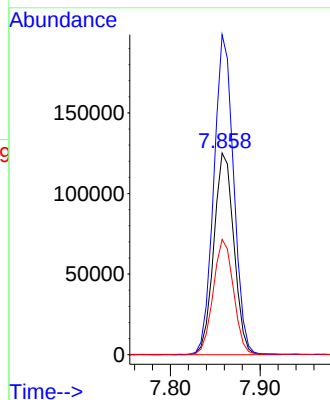
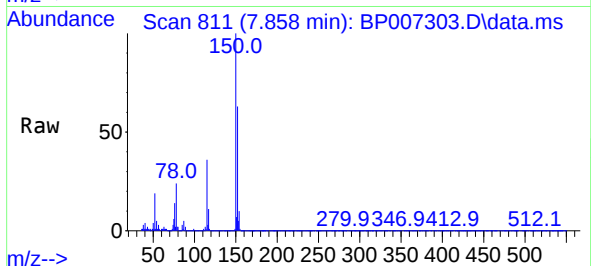
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.858 min Scan# 811
Delta R.T. -0.005 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

Tgt Ion:152 Resp: 194255
Ion Ratio Lower Upper
152 100
150 158.8 125.6 188.4
115 57.2 48.5 72.7

Instrument :
BNA_P
ClientSampled :
286

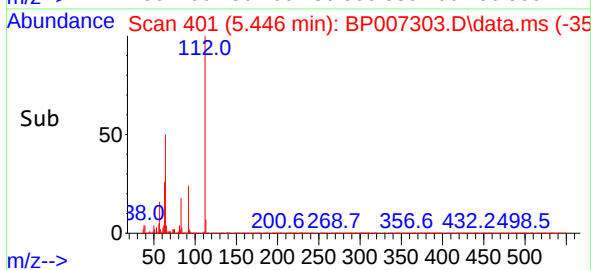
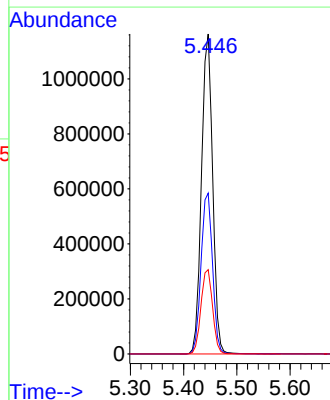
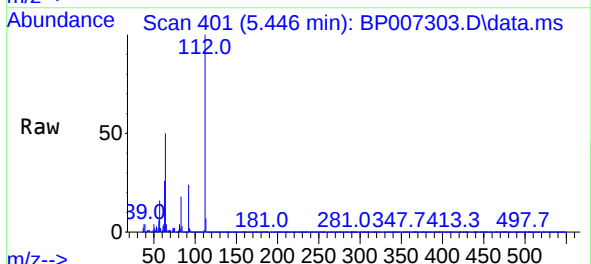
Manual Integrations
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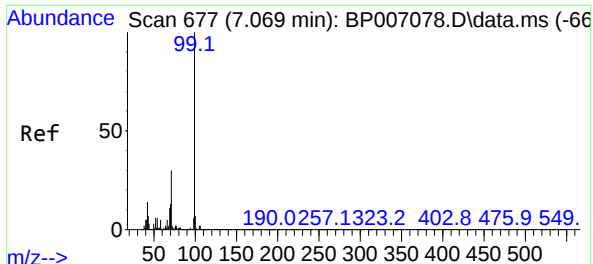
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#5
2-Fluorophenol
Concen: 145.68 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

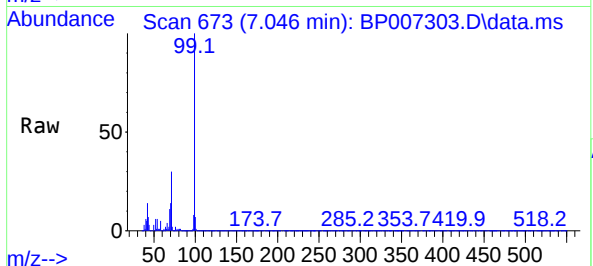
Tgt Ion:112 Resp: 1690527
Ion Ratio Lower Upper
112 100
64 50.2 41.4 62.2
63 26.4 23.8 35.8





#7
Phenol-d6
Concen: 125.61 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

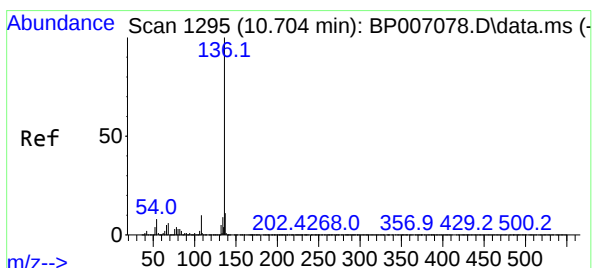
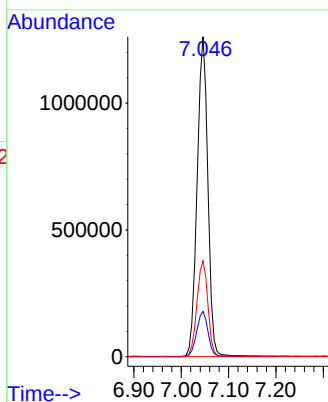
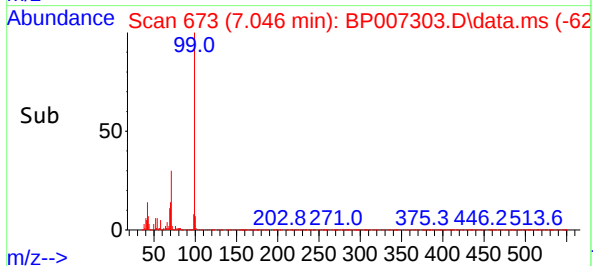
Instrument :
BNA_P
ClientSampled :
286



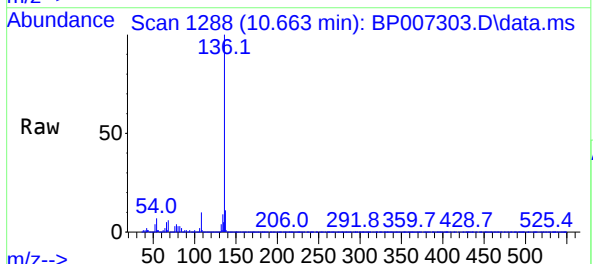
Tgt Ion: 99 Resp: 1992287
Ion Ratio Lower Upper
99 100
42 14.2 13.4 20.0
71 30.0 30.6 46.0#

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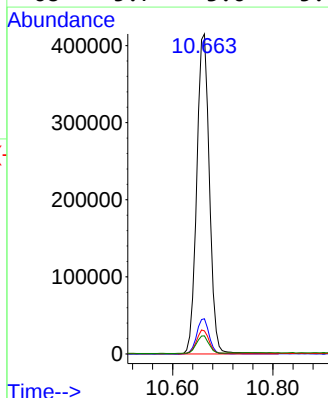
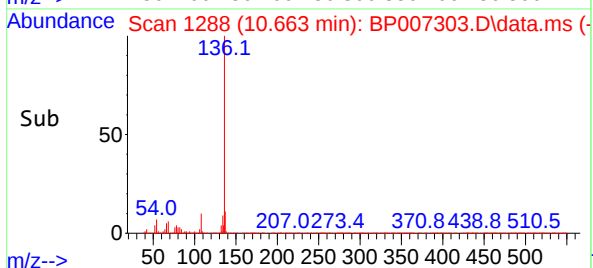
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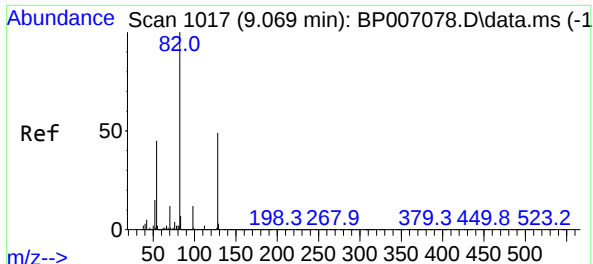


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05



Tgt Ion: 136 Resp: 726143
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.2 4.6 6.8#
68 5.7 3.6 5.4#





#23
Nitrobenzene-d5
Concen: 95.38 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

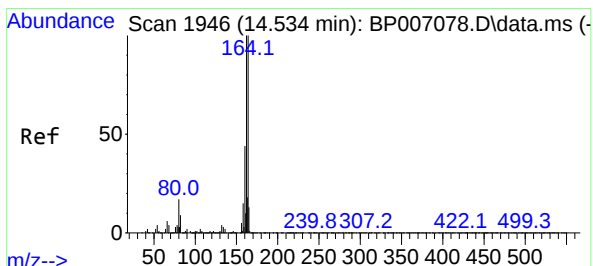
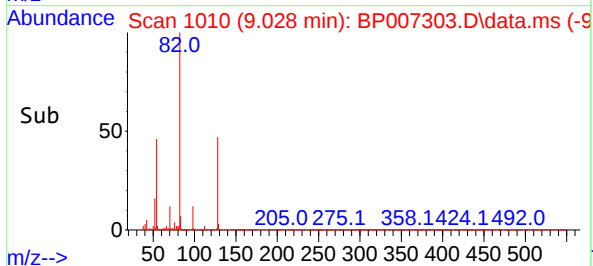
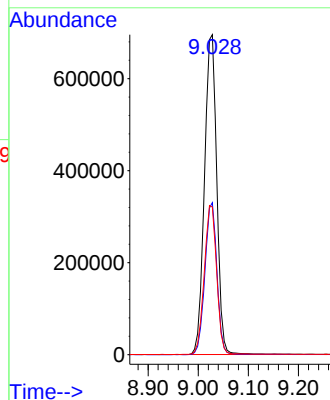
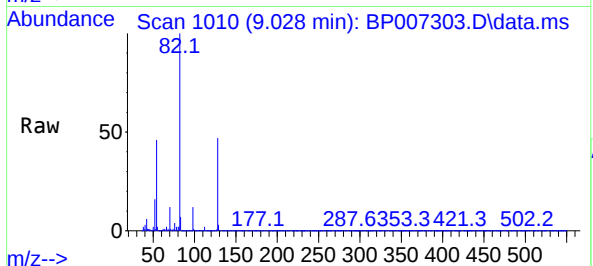
Tgt Ion: 82 Resp: 1189250

Ion	Ratio	Lower	Upper
82	100		
128	47.5	35.7	53.5
54	46.2	35.0	52.4

Instrument :
BNA_P
ClientSampled :
286

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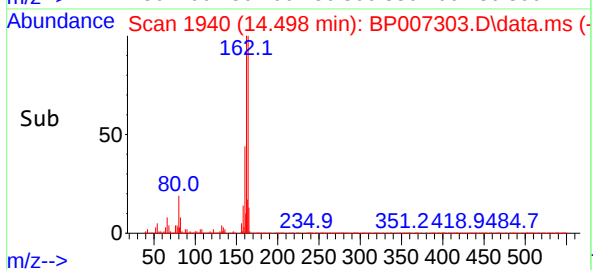
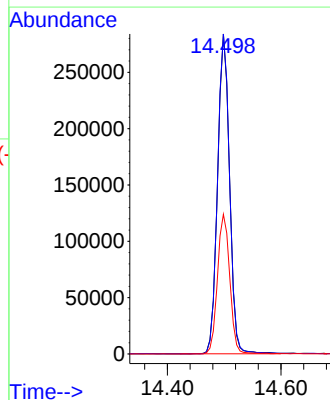
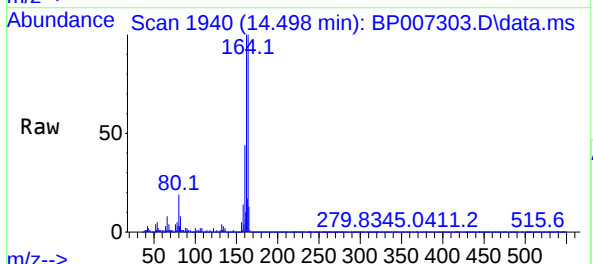
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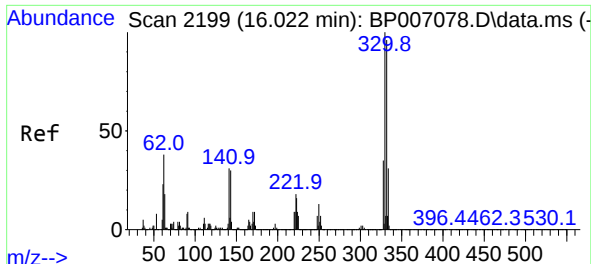


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

Tgt Ion: 164 Resp: 415770

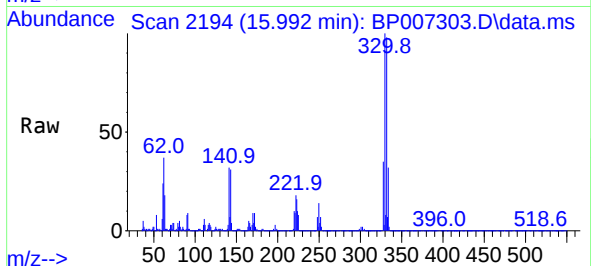
Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.2
160	43.6	34.5	51.7





#42
2,4,6-Tribromophenol
Concen: 129.87 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

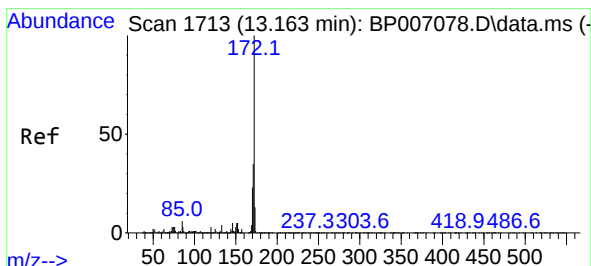
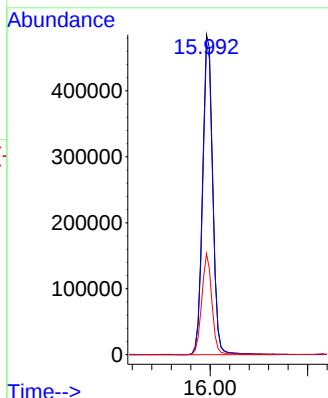
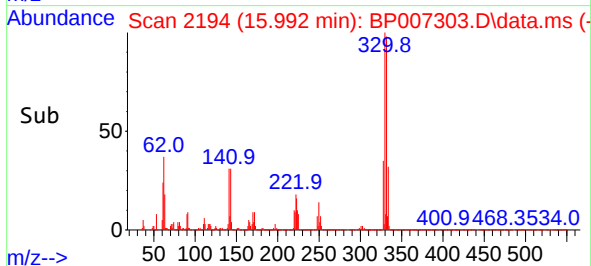
Instrument :
BNA_P
ClientSampleId :
286



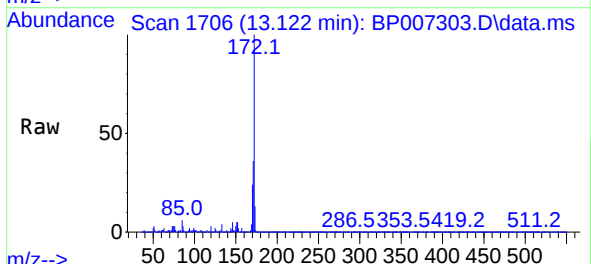
Tgt Ion:330 Resp: 700023
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 31.4 25.4 38.2

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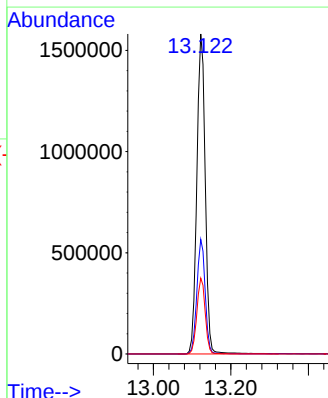
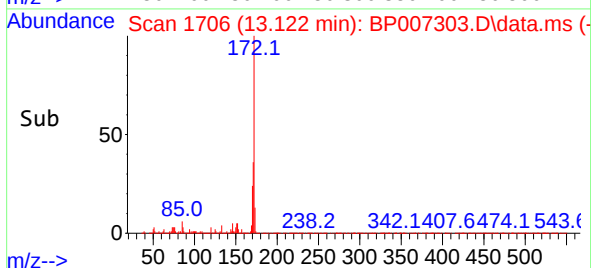
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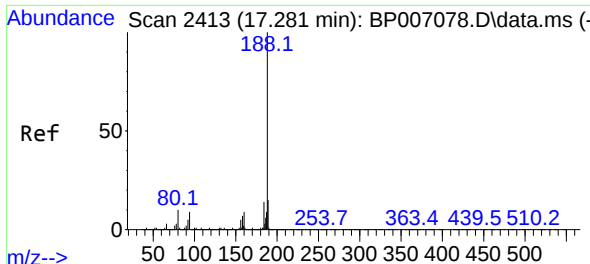


#45
2-Fluorobiphenyl
Concen: 82.23 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05



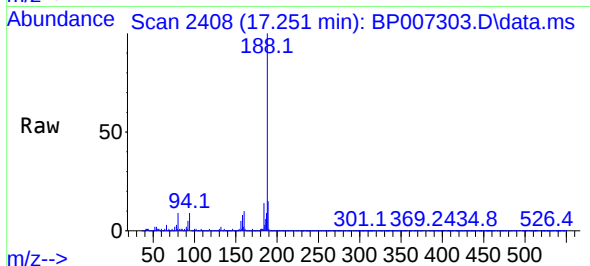
Tgt Ion:172 Resp: 2386336
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.7 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

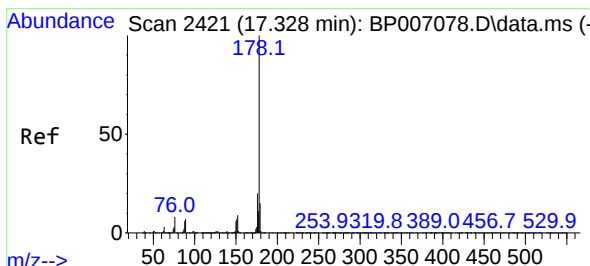
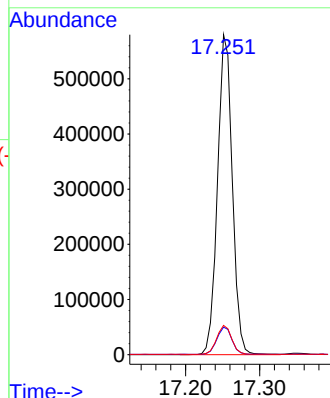
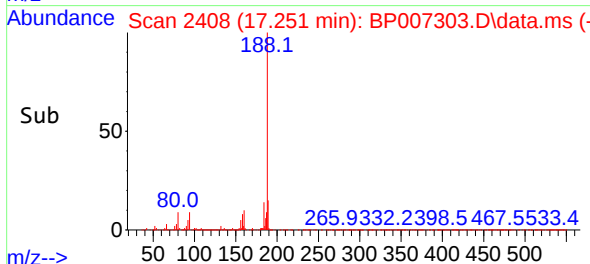
Instrument :
BNA_P
ClientSampled :
286



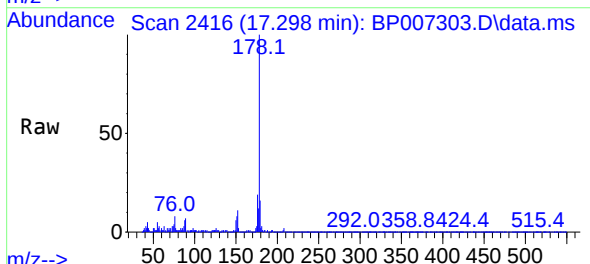
Tgt Ion:188 Resp: 802275
Ion Ratio Lower Upper
188 100
94 8.6 5.6 8.4#
80 9.2 6.3 9.5

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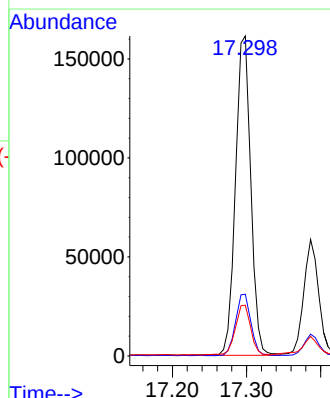
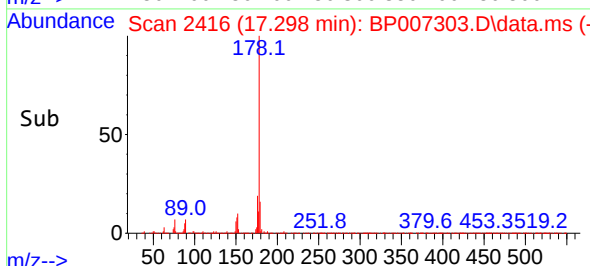
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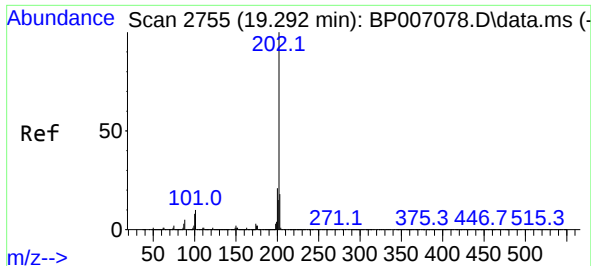


#71
Phenanthrene
Concen: 5.38 ng
RT: 17.298 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05



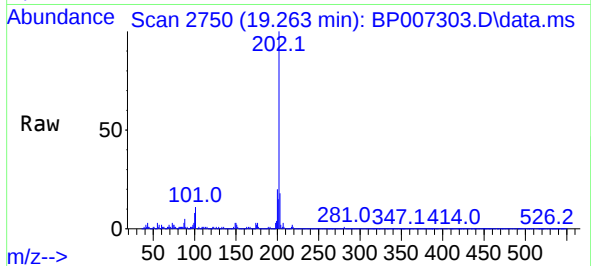
Tgt Ion:178 Resp: 231534
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.9 12.4 18.6





#75
Fluoranthene
Concen: 11.79 ng
RT: 19.263 min Scan# 2750
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

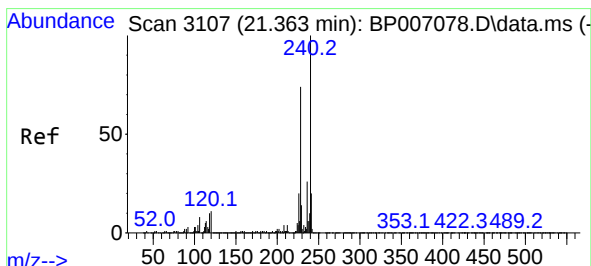
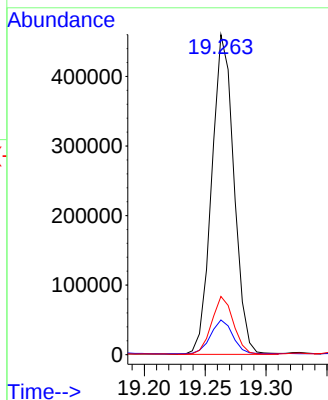
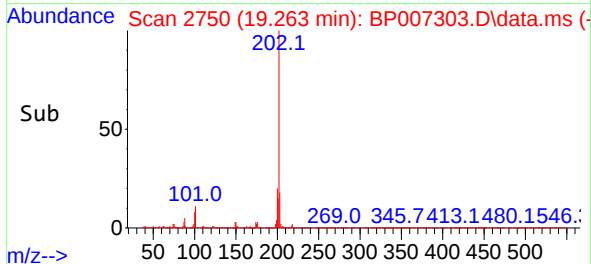
Instrument :
BNA_P
ClientSampled :
286



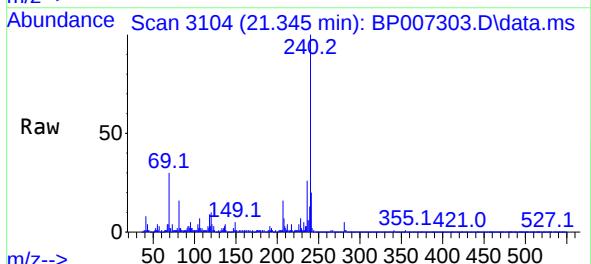
Tgt Ion:202 Resp: 584155
Ion Ratio Lower Upper
202 100
101 10.8 0.0 27.6
203 18.2 0.0 37.8

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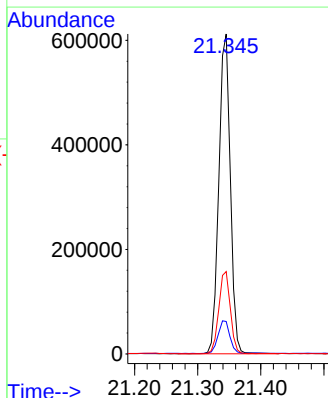
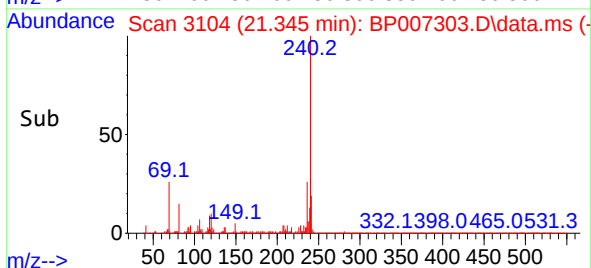
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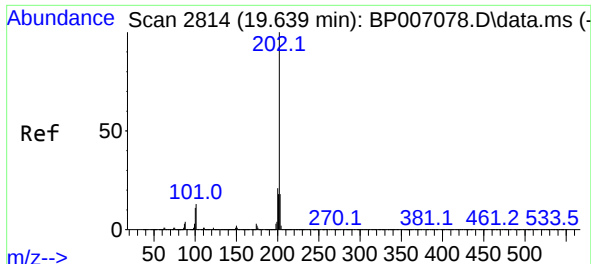


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05



Tgt Ion:240 Resp: 769481
Ion Ratio Lower Upper
240 100
120 10.1 6.5 9.7#
236 25.8 20.6 31.0





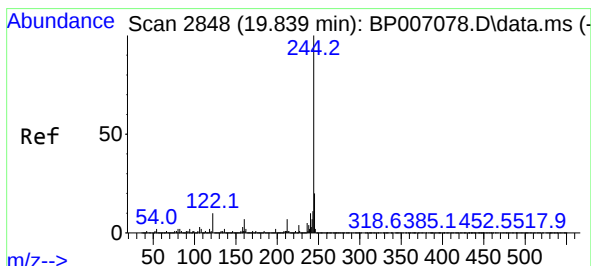
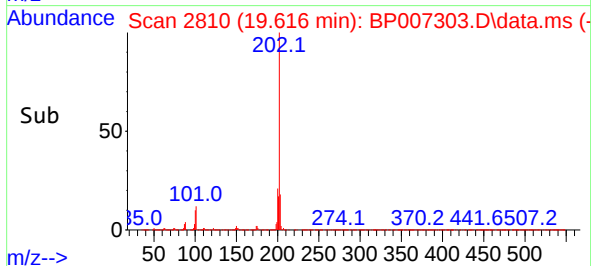
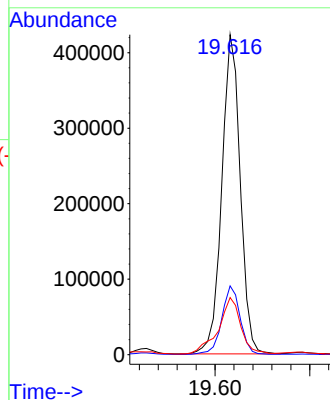
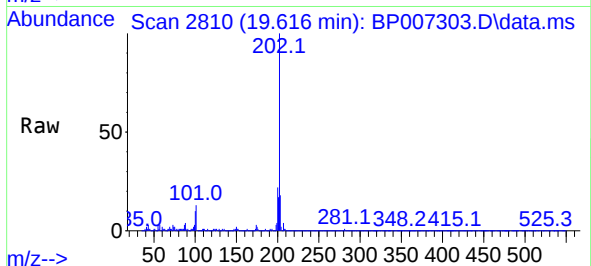
#78
 Pyrene
 Concen: 11.36 ng
 RT: 19.616 min Scan# 2810
 Delta R.T. 0.000 min
 Lab File: BP007303.D
 Acq: 04 Oct 2021 14:05

Tgt Ion:	202	Resp:	573361
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.3	24.5
203	17.9	14.2	21.2

Instrument :
 BNA_P
 ClientSampled :
 286

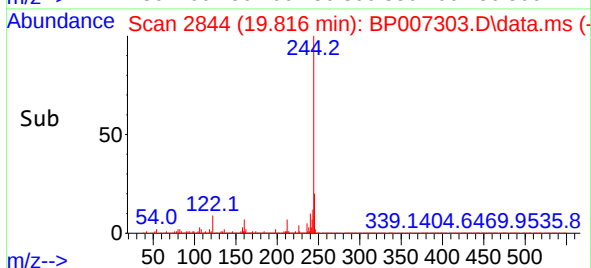
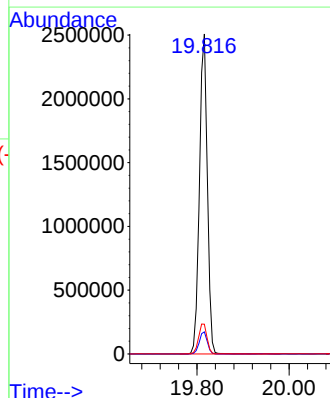
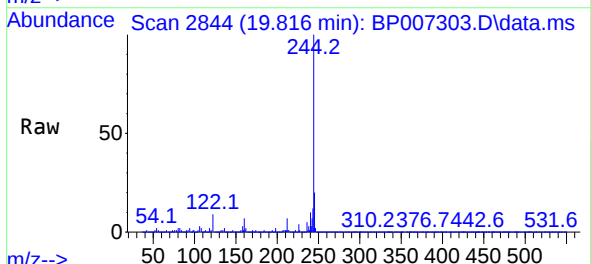
Manual Integrations
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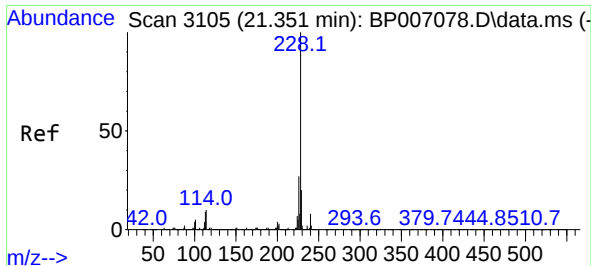
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#79
 Terphenyl-d14
 Concen: 73.84 ng
 RT: 19.816 min Scan# 2844
 Delta R.T. 0.006 min
 Lab File: BP007303.D
 Acq: 04 Oct 2021 14:05

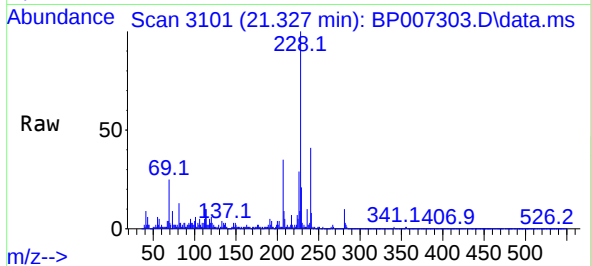
Tgt Ion:	244	Resp:	2964924
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	9.3	7.1	10.7





#81
Benzo(a)anthracene
Concen: 7.22 ng
RT: 21.327 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

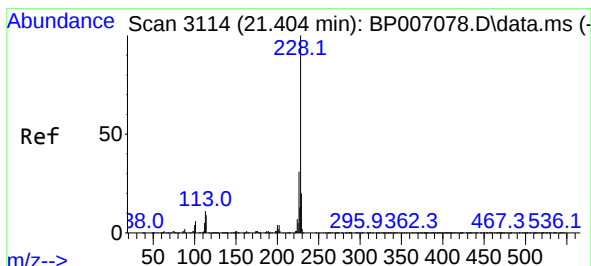
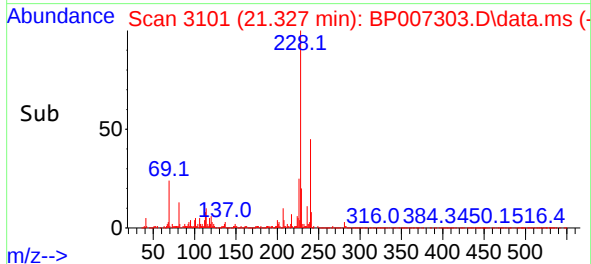
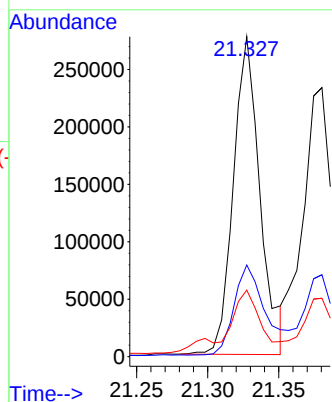
Instrument :
BNA_P
ClientSampled :
286



Tgt Ion:228 Resp: 360853
Ion Ratio Lower Upper
228 100
226 28.7 21.6 32.4
229 20.8 15.8 23.6

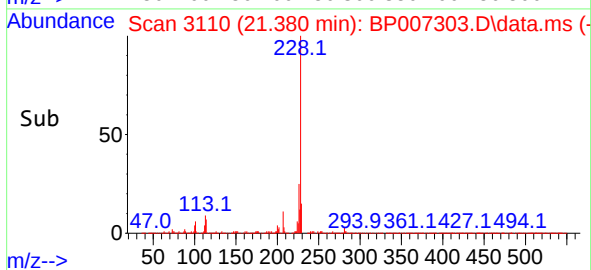
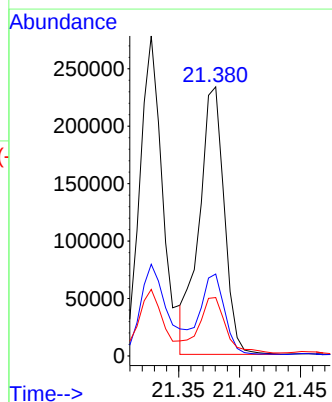
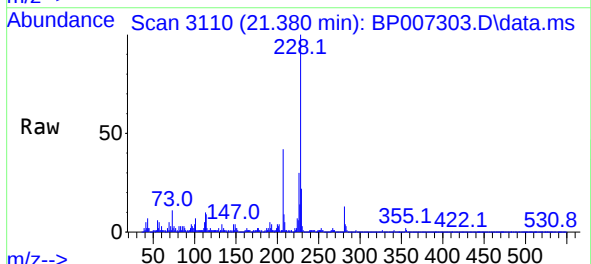
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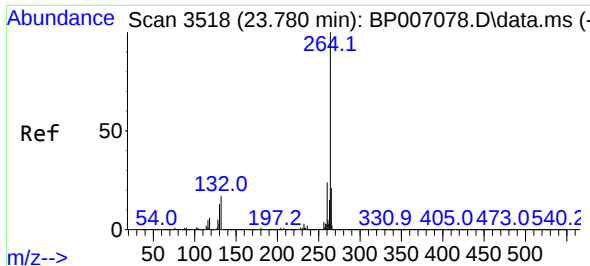
mohammad
10/5/2021 12:08:05 PM



#83
Chrysene
Concen: 6.99 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

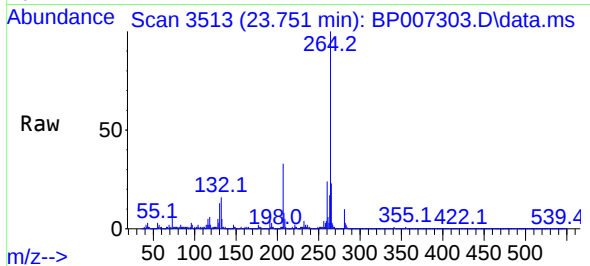
Tgt Ion:228 Resp: 333632
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.6
229 21.7 15.4 23.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.751 min Scan# 3513
Delta R.T. 0.006 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

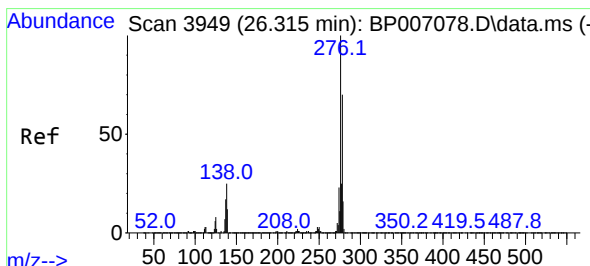
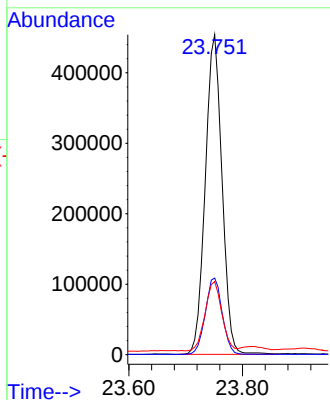
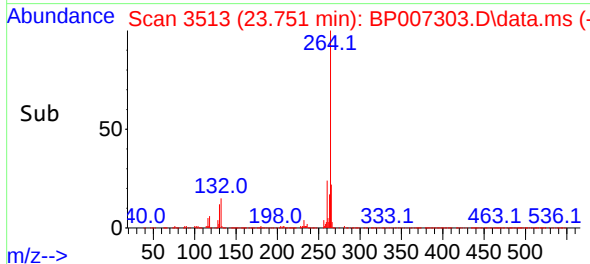
Instrument :
BNA_P
ClientSampled :
286



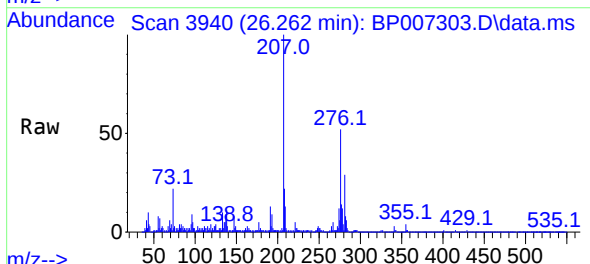
Tgt Ion:264 Resp: 924297
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 22.8 17.6 26.4

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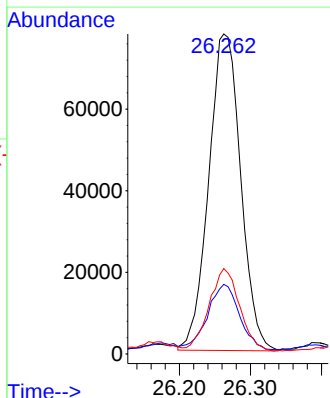
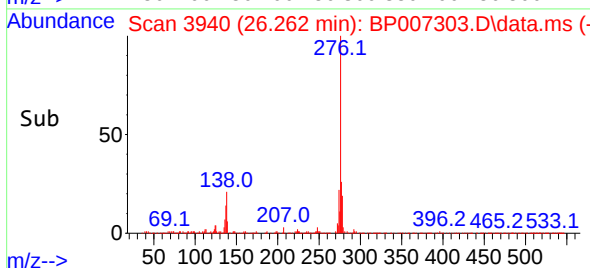
mohammad
10/5/2021 12:08:05 PM

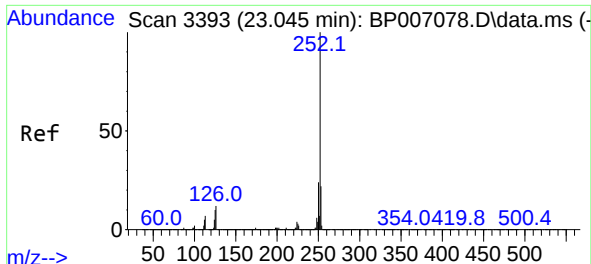


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.65 ng
RT: 26.262 min Scan# 3940
Delta R.T. -0.006 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05



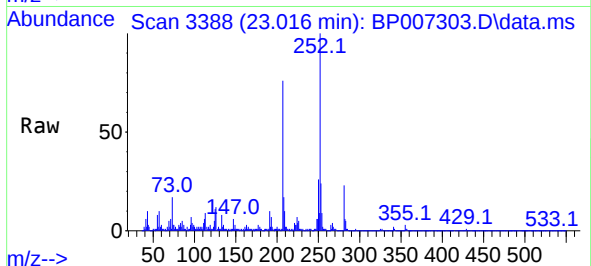
Tgt Ion:276 Resp: 242624
Ion Ratio Lower Upper
276 100
138 20.4 15.3 22.9
277 25.0 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 8.22 ng
RT: 23.016 min Scan# 3388
Delta R.T. 0.006 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

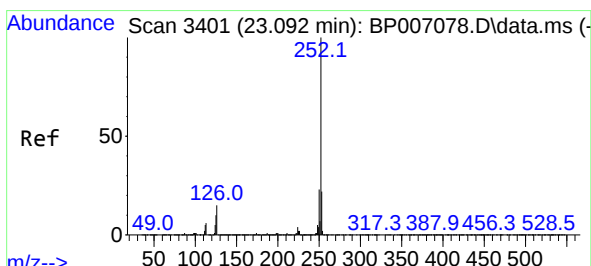
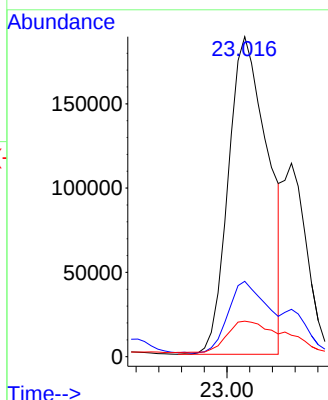
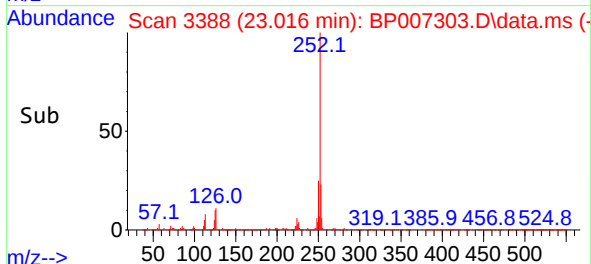
Instrument :
BNA_P
ClientSampled :
286



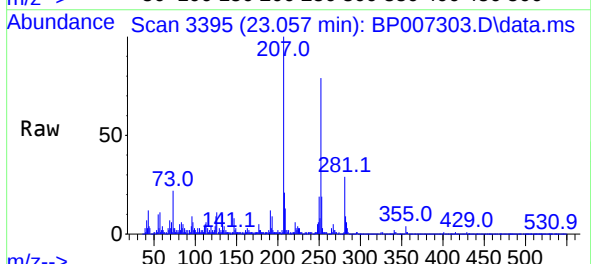
Tgt Ion:252 Resp: 454271
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 11.1 6.2 9.4#

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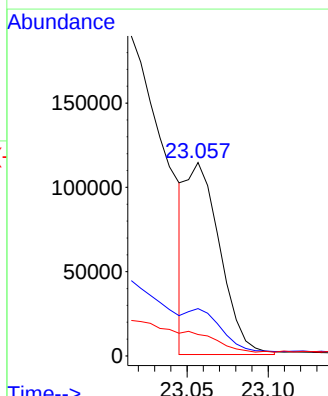
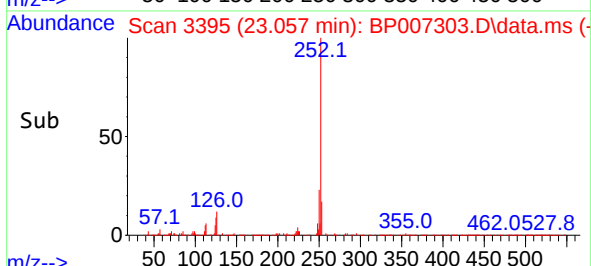
mohammad
10/5/2021 12:08:05 PM

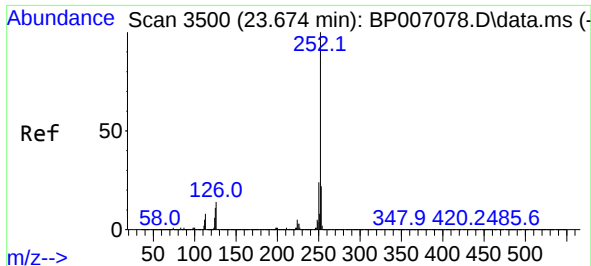


#89
Benzo(k)fluoranthene
Concen: 2.96 ng m
RT: 23.057 min Scan# 3395
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05



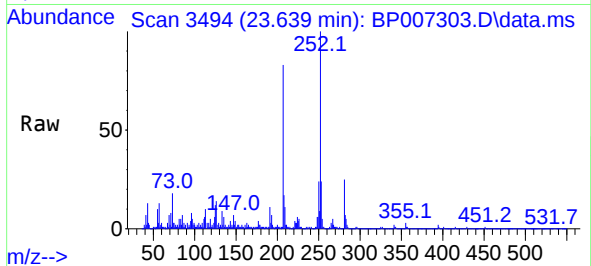
Tgt Ion:252 Resp: 165361
Ion Ratio Lower Upper
252 100
253 24.5 17.6 26.4
125 11.0 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 7.64 ng
RT: 23.639 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

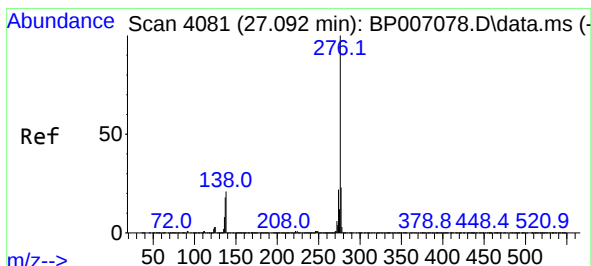
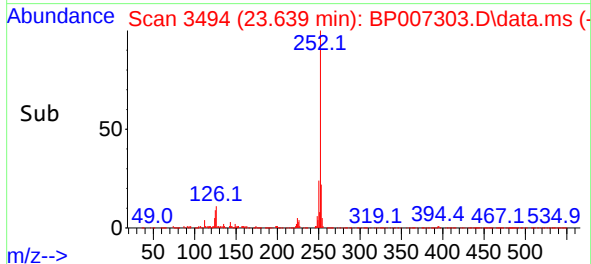
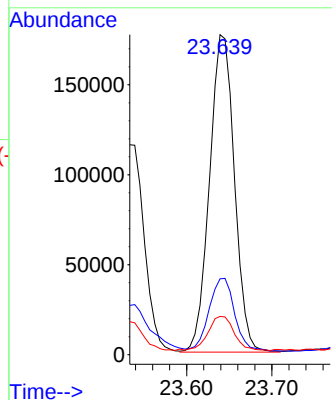
Instrument :
BNA_P
ClientSampled :
286



Tgt Ion:252 Resp: 358609
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 12.0 6.5 9.7#

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#92
Benzo(g,h,i)perylene
Concen: 4.22 ng
RT: 27.039 min Scan# 4072
Delta R.T. -0.006 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

Tgt Ion:276 Resp: 229378
Ion Ratio Lower Upper
276 100
277 24.8 18.9 28.3
138 22.1 12.6 18.8#

