

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100121\
 Data File : BP007288.D
 Acq On : 01 Oct 2021 13:34
 Operator : CG/JU
 Sample : M3964-15DL 50X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC-15DL

Manual Integrations
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mohammad
 10/4/2021 11:52:51 AM

Quant Time: Oct 01 14:04:58 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	7.863	152	180212	20.00	ng	-0.01
21) Naphthalene-d8	10.663	136	706697	20.00	ng	#-0.01
39) Acenaphthene-d10	14.498	164	474292	20.00	ng	-0.01
64) Phenanthrene-d10	17.251	188	993089	20.00	ng	#-0.01
76) Chrysene-d12	21.339	240	985254	20.00	ng	#-0.01
86) Perylene-d12	23.745	264	1037636	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	17265	1.60	ng	0.00
7) Phenol-d6	7.046	99	20664	1.40	ng	0.00
23) Nitrobenzene-d5	9.028	82	13487	1.11	ng	-0.01
42) 2,4,6-Tribromophenol	15.992	330	6284	1.02	ng	-0.01
45) 2-Fluorobiphenyl	13.122	172	35820	1.08	ng	-0.01
79) Terphenyl-d14	19.810	244	62187	1.21	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.710	128	106293	2.95	ng	98
52) Acenaphthene	14.563	154	60992	2.39	ng	94
58) Fluorene	15.545	166	99863	3.04	ng	99
71) Phenanthrene	17.292	178	1315747	24.71	ng	99
72) Anthracene	17.386	178	344750	6.62	ng	100
73) Carbazole	17.657	167	195855	3.84	ng	99
75) Fluoranthene	19.263	202	2203500	35.92	ng	98
78) Pyrene	19.616	202	1941263	30.03	ng	99
81) Benzo(a)anthracene	21.321	228	1012370	15.83	ng	98
83) Chrysene	21.374	228	906756	14.84	ng	97
87) Indeno(1,2,3-cd)pyrene	26.251	276	523967	7.03	ng	98
88) Benzo(b)fluoranthene	23.010	252	1075880	17.35	ng	# 97
89) Benzo(k)fluoranthene	23.051	252	373980m	5.96	ng	
90) Benzo(a)pyrene	23.633	252	853435	16.20	ng	# 97
91) Dibenzo(a,h)anthracene	26.256	278	129855	2.08	ng	# 85
92) Benzo(g,h,i)perylene	27.027	276	528697	8.67	ng	# 94

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

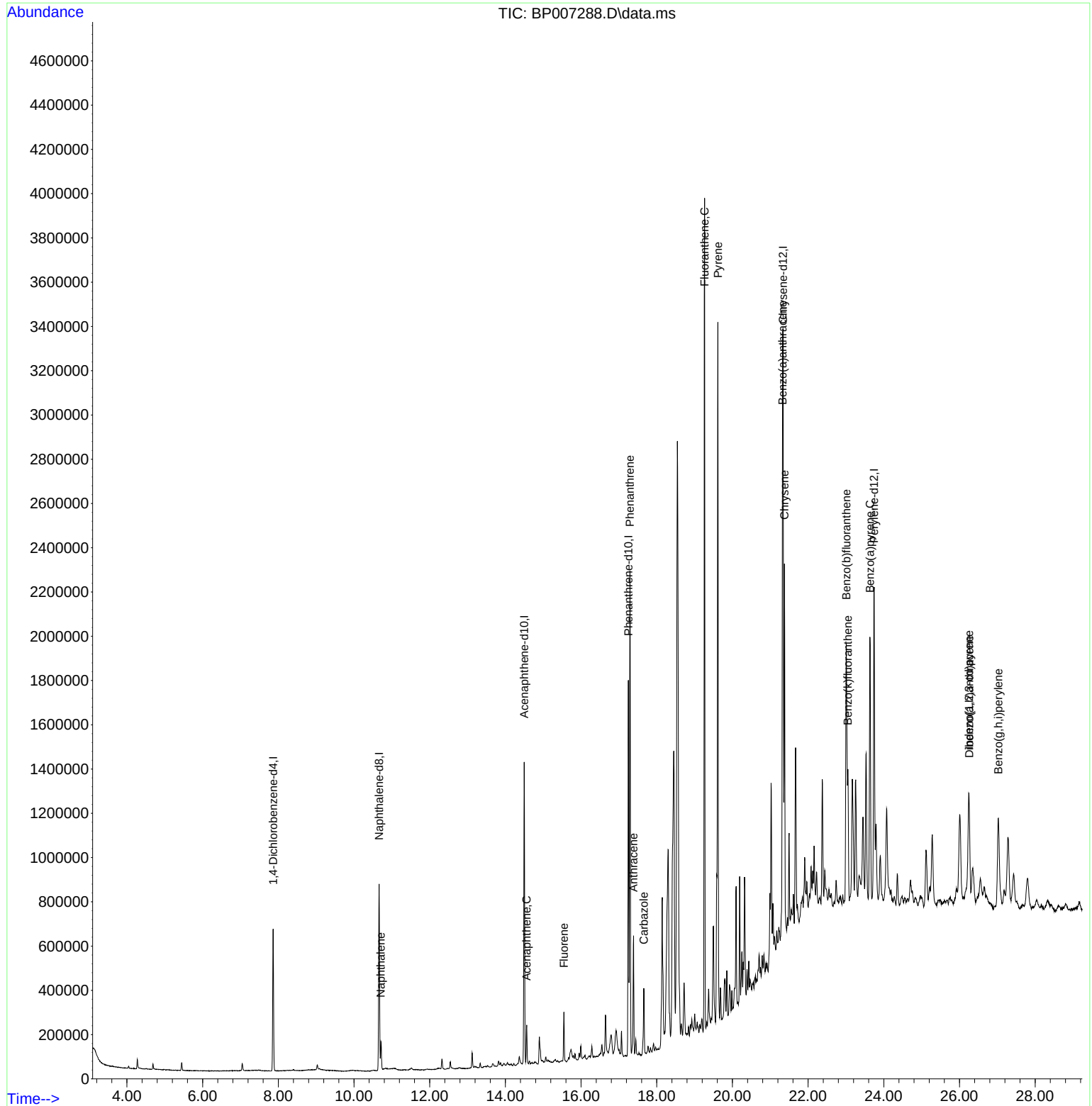
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100121\
Data File : BP007288.D
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ALS Vial : 5 Sample Multiplier: 1

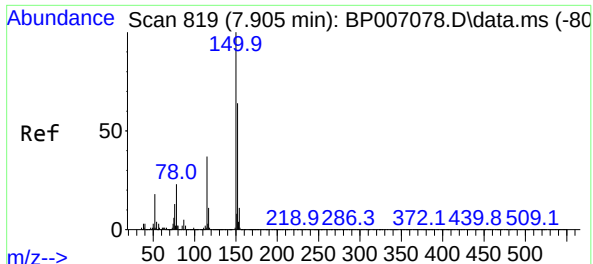
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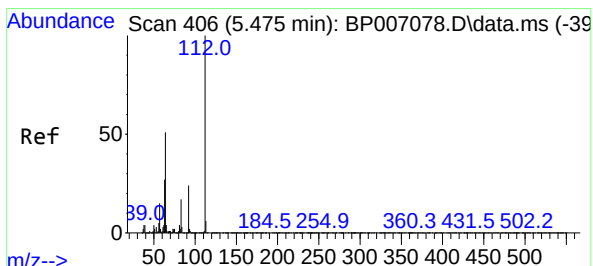
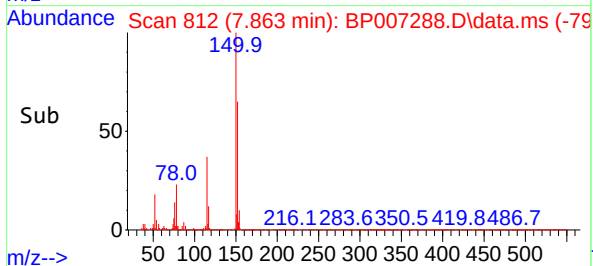
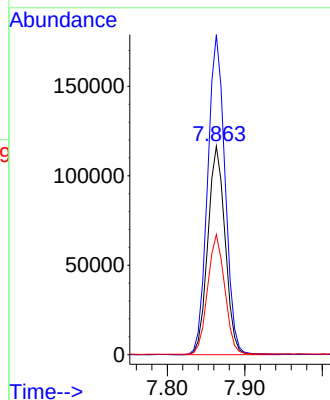
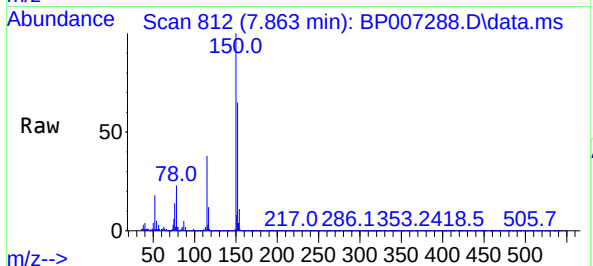
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.863 min Scan# 812
Delta R.T. -0.012 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

Tgt Ion:152 Resp: 180212
Ion Ratio Lower Upper
152 100
150 153.5 125.6 188.4
115 57.7 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
CC-15DL

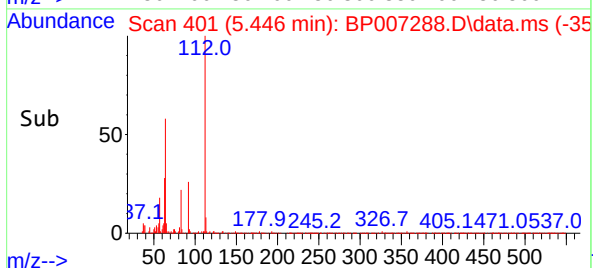
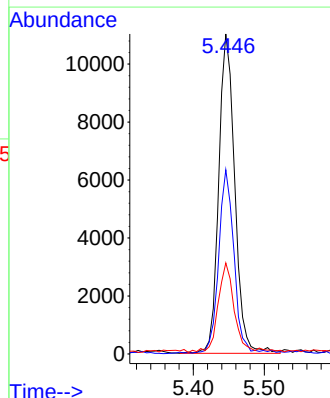
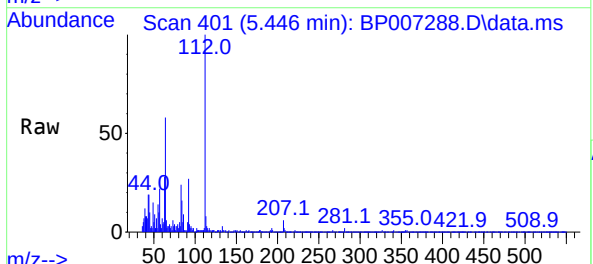
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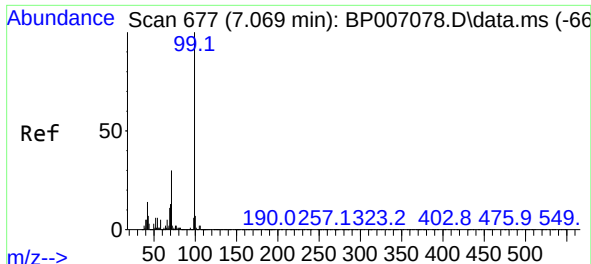
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#5
2-Fluorophenol
Concen: 1.60 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

Tgt Ion:112 Resp: 17265
Ion Ratio Lower Upper
112 100
64 57.6 41.4 62.2
63 28.4 23.8 35.8





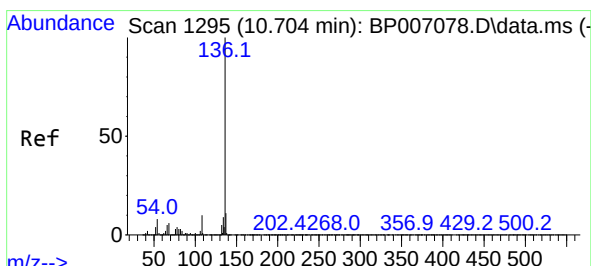
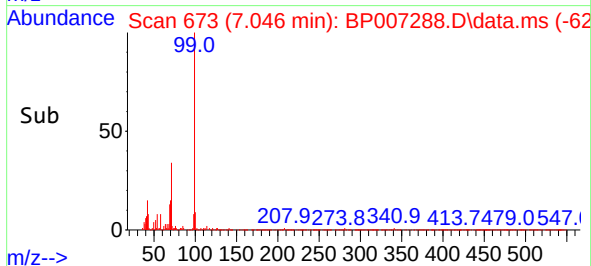
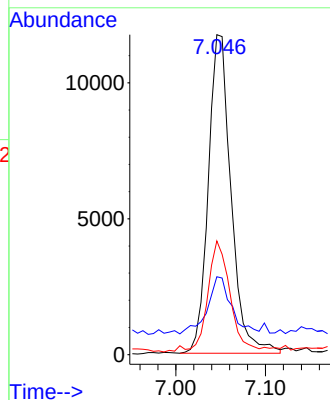
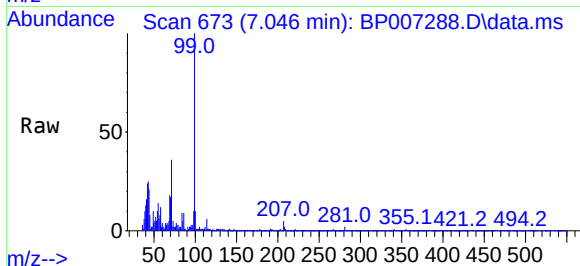
#7
Phenol-d6
Concen: 1.40 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

Tgt Ion:	99	Resp:	20664
Ion	Ratio	Lower	Upper
99	100		
42	24.3	13.4	20.0#
71	35.6	30.6	46.0

Instrument :
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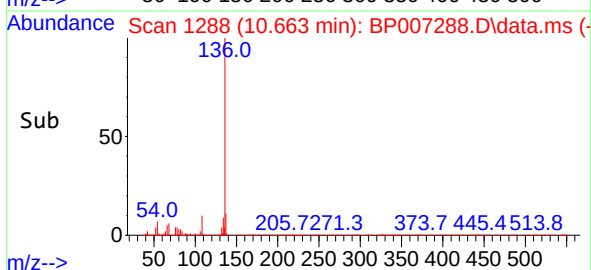
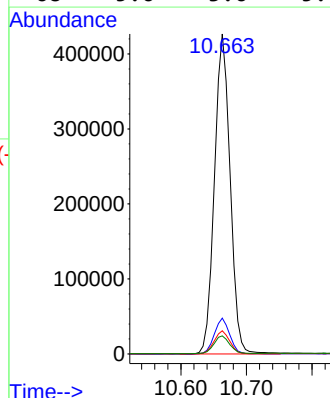
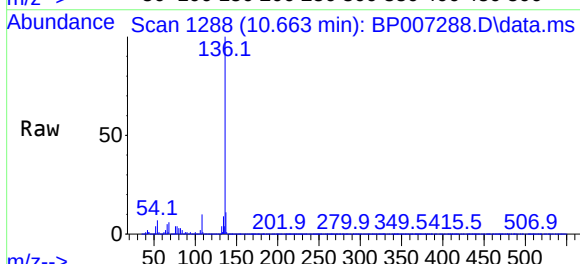
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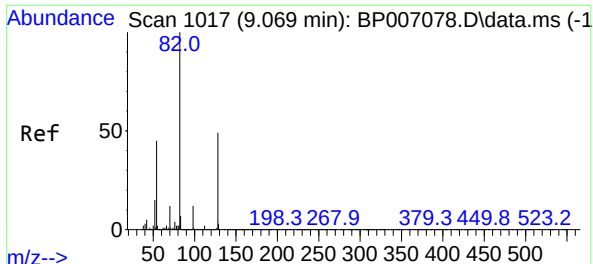
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

Tgt Ion:	136	Resp:	706697
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	7.3	4.6	6.8#
68	5.6	3.6	5.4#





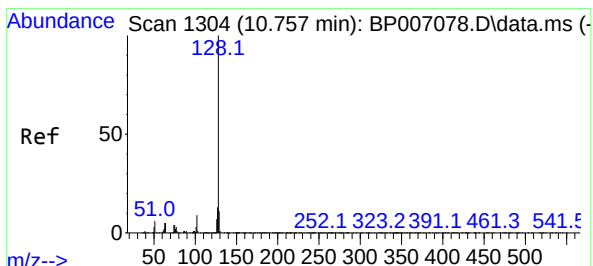
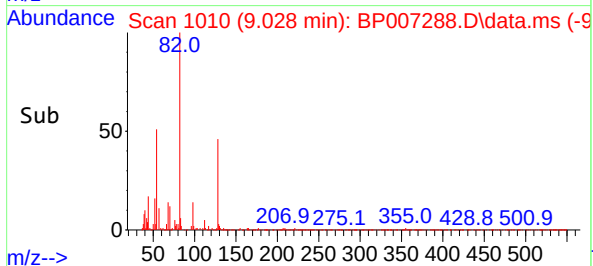
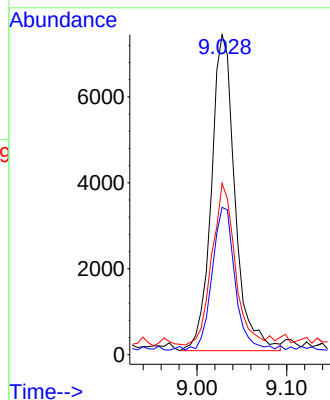
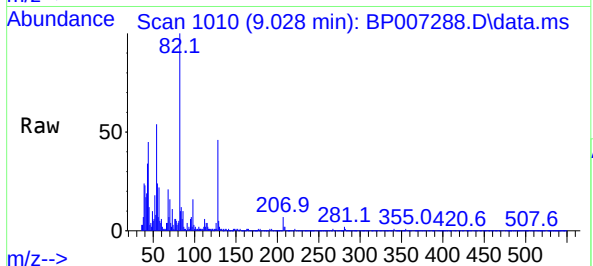
#23
Nitrobenzene-d5
Concen: 1.11 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

Tgt Ion: 82 Resp: 13487
Ion Ratio Lower Upper
82 100
128 46.0 35.7 53.5
54 53.5 35.0 52.4#

Instrument :
BNA_P
ClientSampleId :
CC-15DL

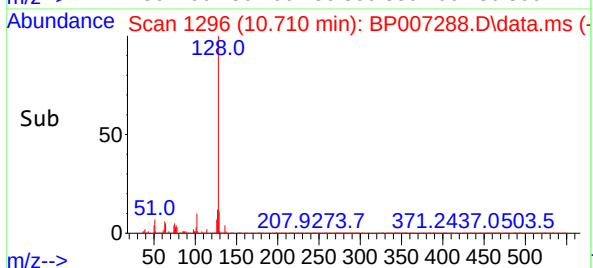
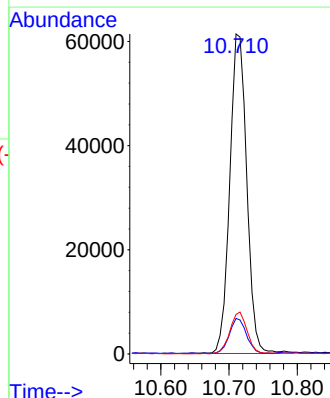
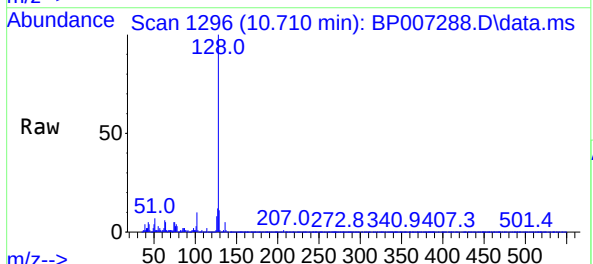
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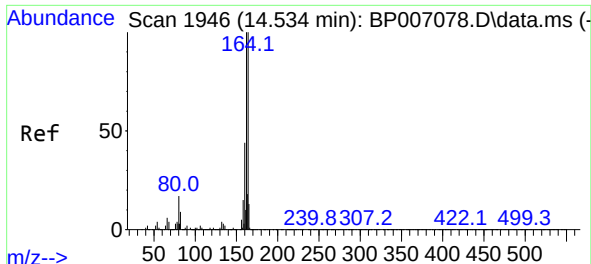
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#31
Naphthalene
Concen: 2.95 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

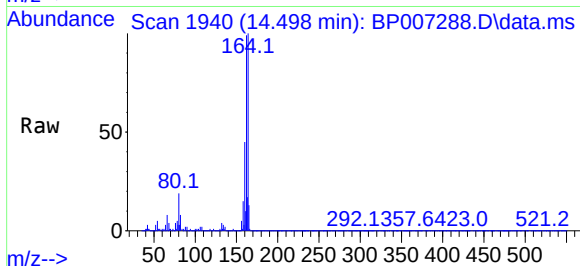
Tgt Ion: 128 Resp: 106293
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 12.4 10.7 16.1





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

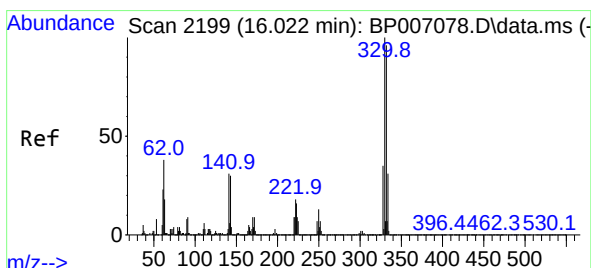
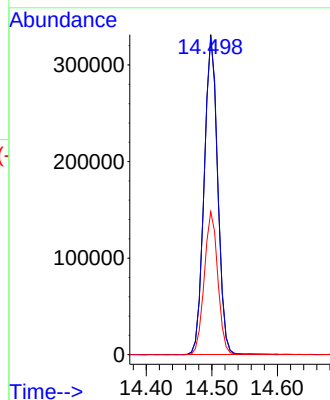
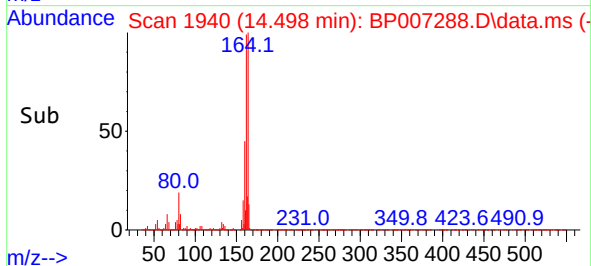
Instrument :
BNA_P
ClientSampleID :
CC-15DL



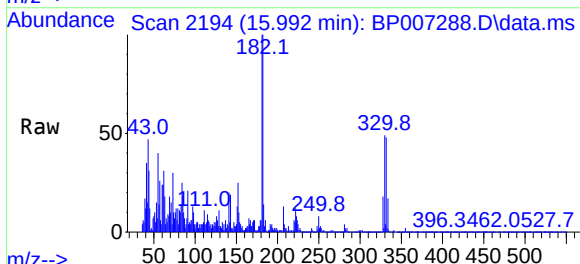
Tgt Ion:164 Resp: 474292
Ion Ratio Lower Upper
164 100
162 99.1 80.2 120.2
160 44.6 34.5 51.7

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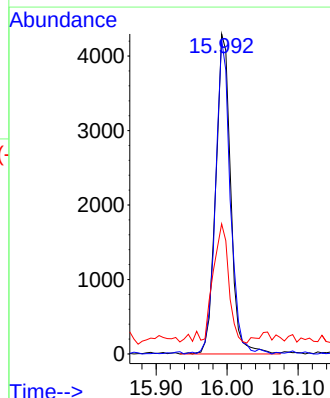
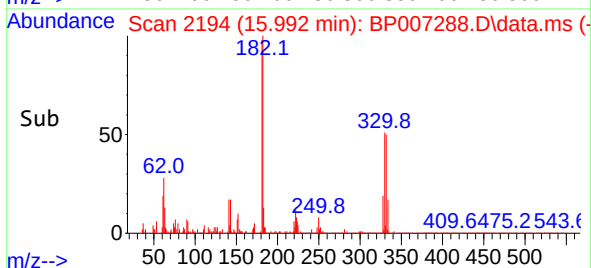
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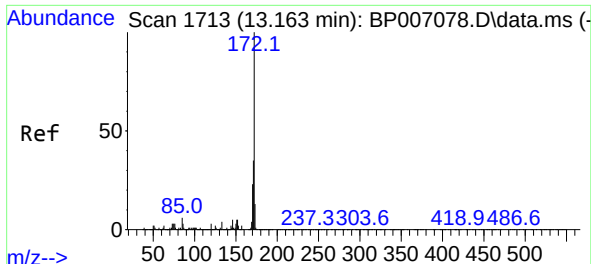


#42
2,4,6-Tribromophenol
Concen: 1.02 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34



Tgt Ion:330 Resp: 6284
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.8
141 38.2 25.4 38.2#





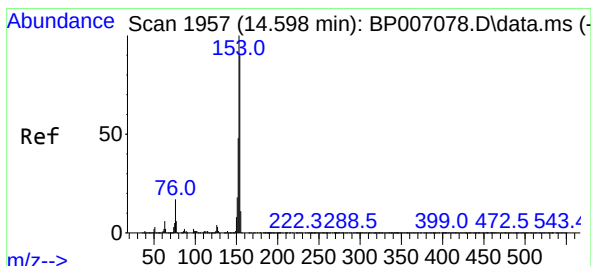
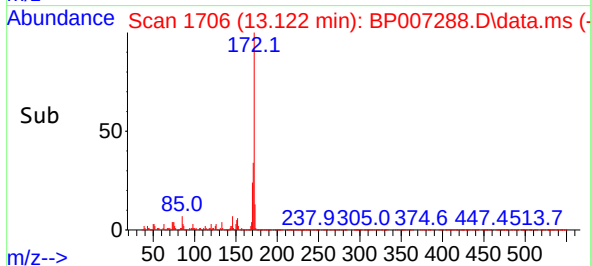
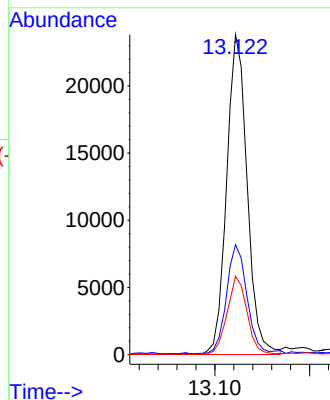
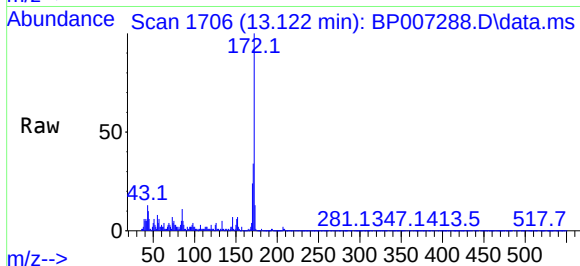
#45
2-Fluorobiphenyl
Concen: 1.08 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.012 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

Tgt Ion:	172	Resp:	35820
Ion Ratio	Lower	Upper	
172	100		
171	34.3	27.9	41.9
170	24.5	18.6	27.8

Instrument :
BNA_P
ClientSampleId :
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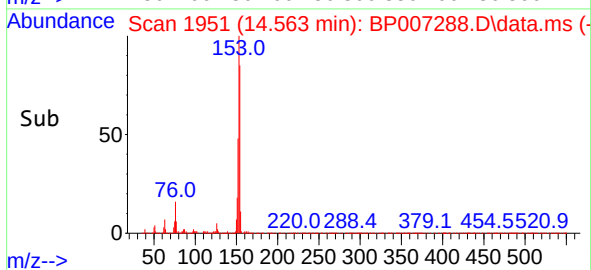
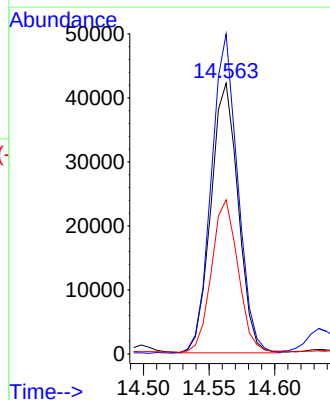
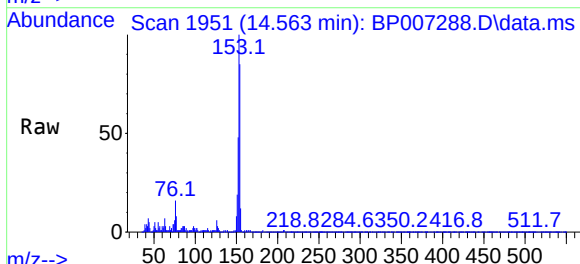
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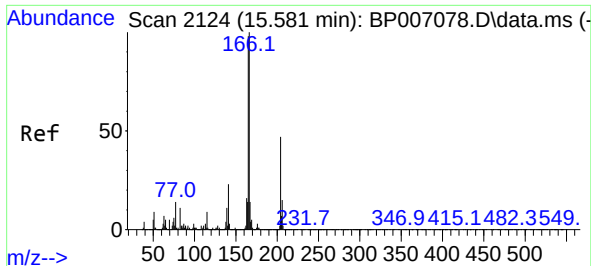
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#52
Acenaphthene
Concen: 2.39 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

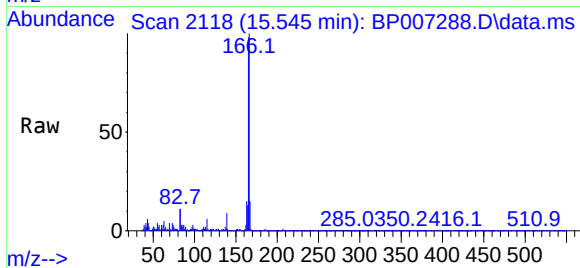
Tgt Ion:	154	Resp:	60992
Ion Ratio	Lower	Upper	
154	100		
153	118.2	89.4	134.2
152	57.0	43.0	64.4





#58
Fluorene
Concen: 3.04 ng
RT: 15.545 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

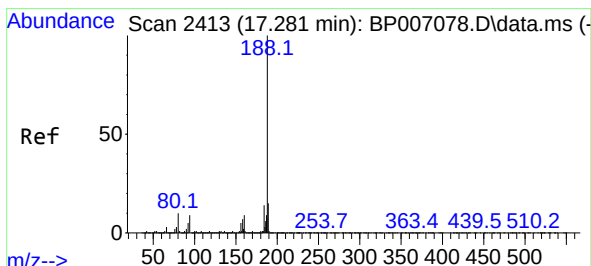
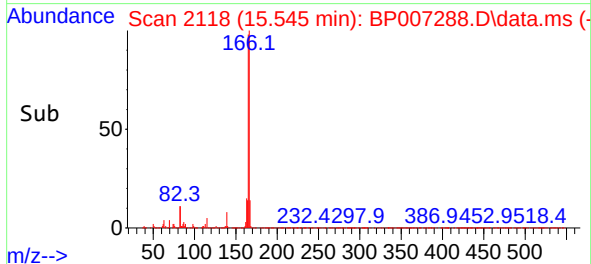
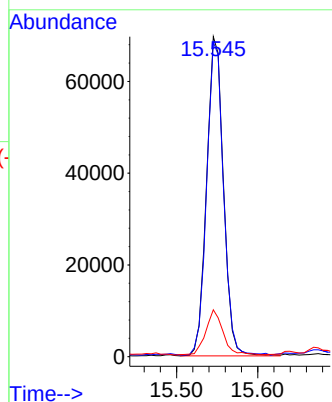
Instrument :
BNA_P
ClientSampleId :
CC-15DL



Tgt Ion:166 Resp: 99863
Ion Ratio Lower Upper
166 100
165 98.3 78.0 117.0
167 14.6 10.5 15.7

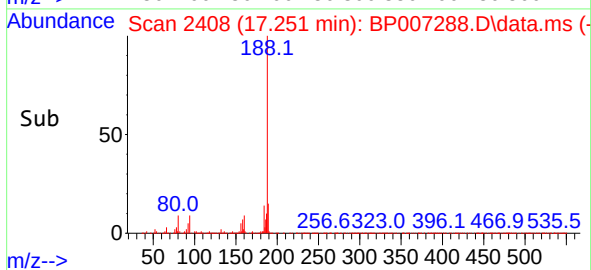
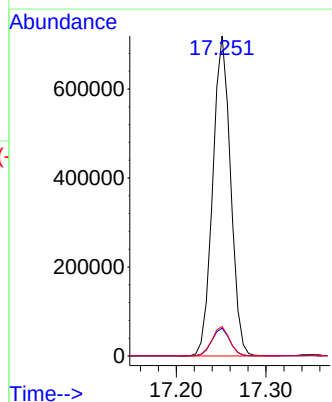
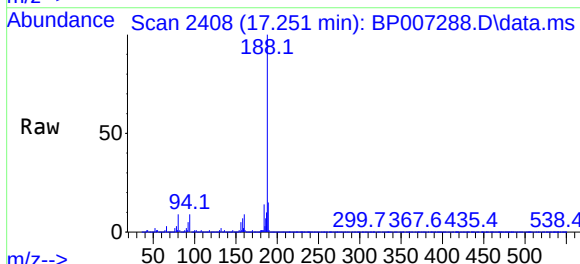
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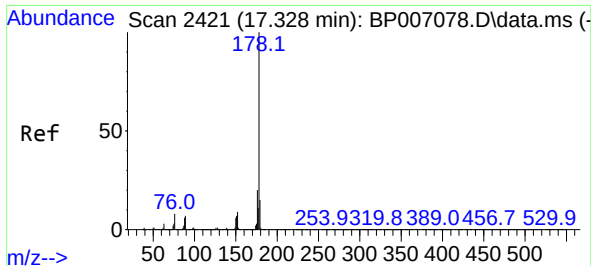
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.251 min Scan# 2408
Delta R.T. -0.012 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

Tgt Ion:188 Resp: 993089
Ion Ratio Lower Upper
188 100
94 8.6 5.6 8.4#
80 9.2 6.3 9.5





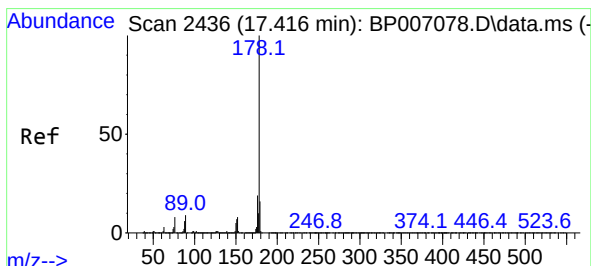
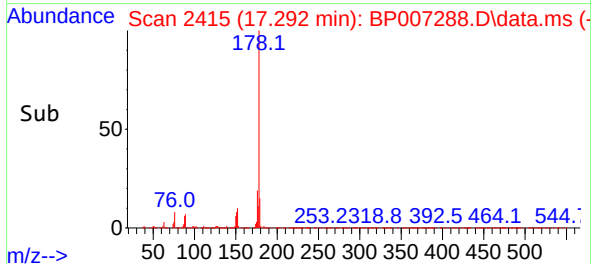
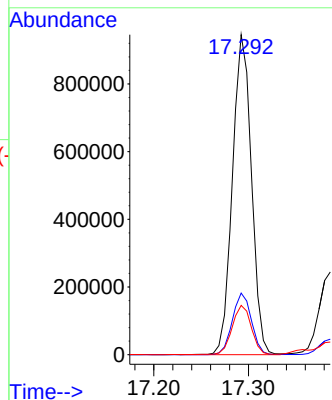
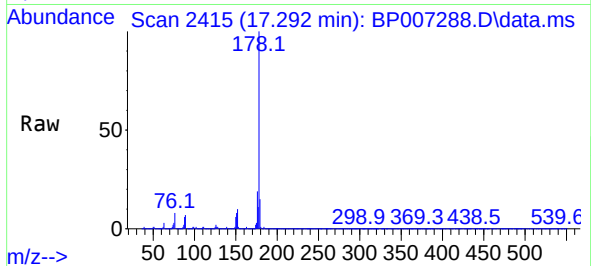
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Phenanthrene
Concen: 24.71 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

Tgt Ion:178 Resp: 1315747
Ion Ratio Lower Upper
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176 19.2 15.1 22.7
179 15.4 12.4 18.6

Instrument :
BNA_P
ClientSampled :
CC-15DL

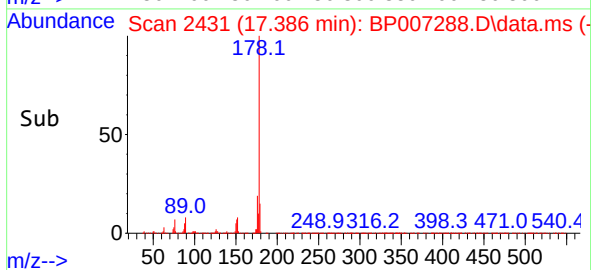
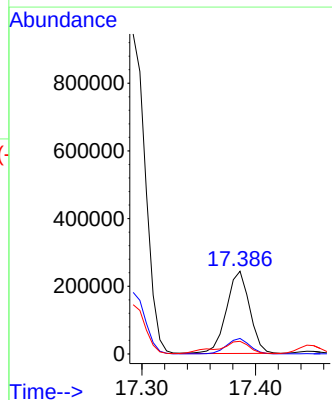
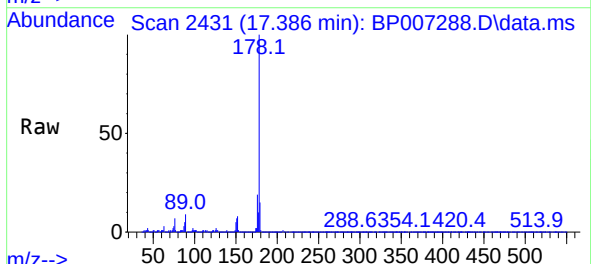
Manual Integrations
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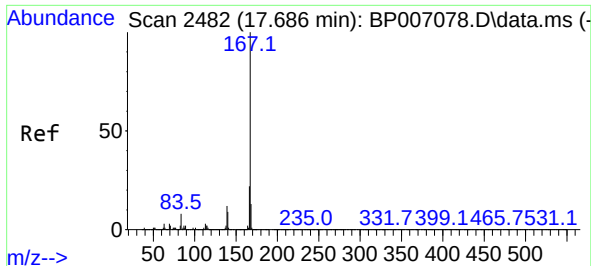
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#72
Anthracene
Concen: 6.62 ng
RT: 17.386 min Scan# 2431
Delta R.T. -0.012 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

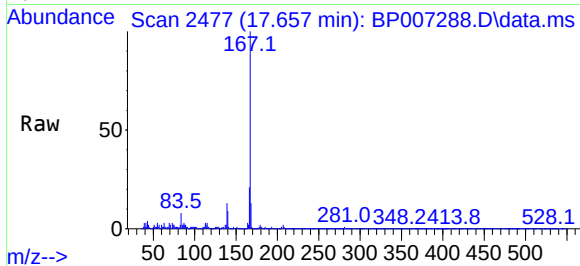
Tgt Ion:178 Resp: 344750
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.3 12.2 18.2





#73
 Carbazole
 Concen: 3.84 ng
 RT: 17.657 min Scan# 2477
 Delta R.T. -0.012 min
 Lab File: BP007288.D
 Acq: 01 Oct 2021 13:34

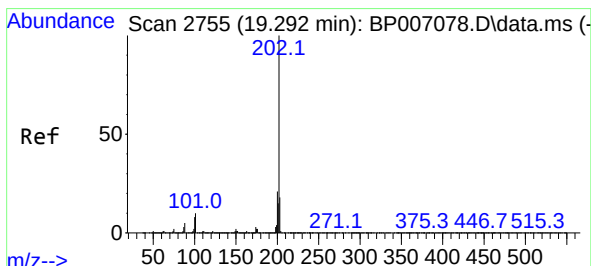
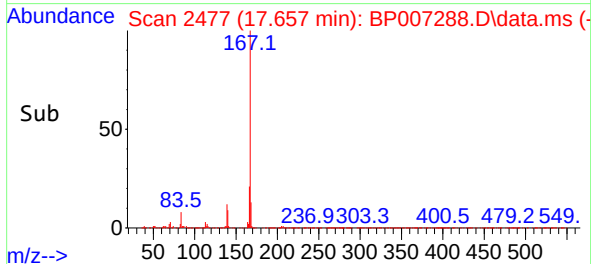
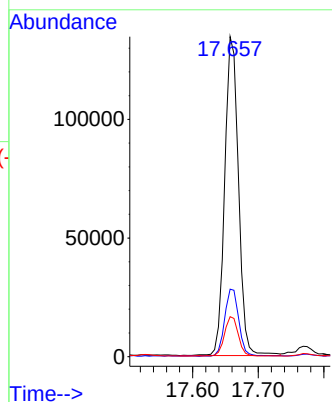
Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:167 Resp: 195855
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.1 25.7
 139 12.5 10.7 16.1

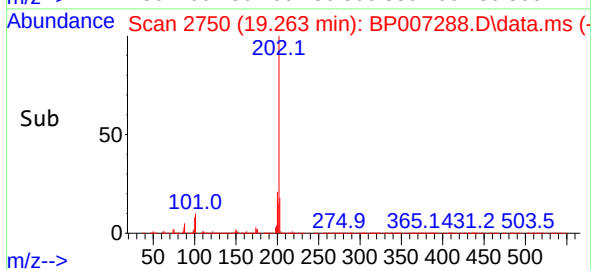
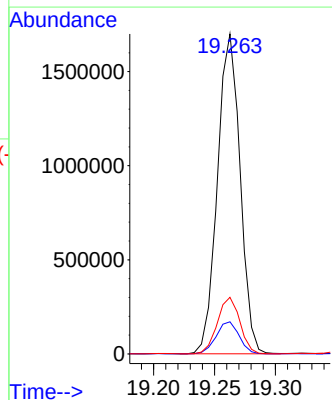
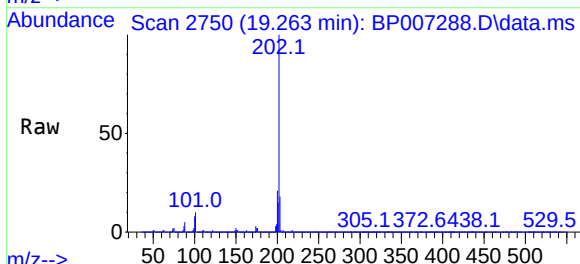
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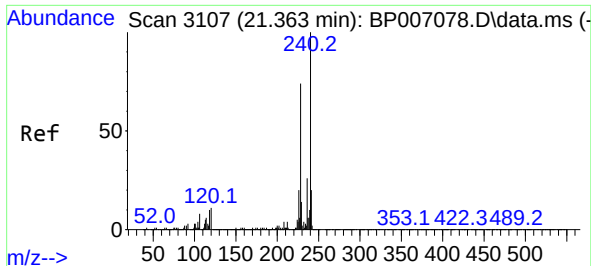
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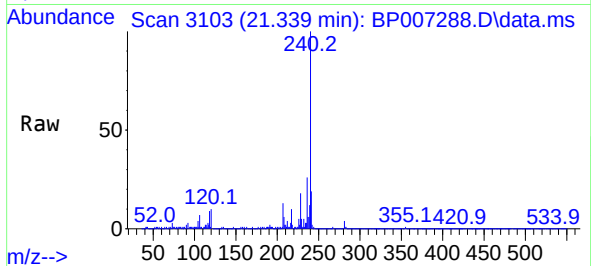
#75
 Fluoranthene
 Concen: 35.92 ng
 RT: 19.263 min Scan# 2750
 Delta R.T. -0.012 min
 Lab File: BP007288.D
 Acq: 01 Oct 2021 13:34

Tgt Ion:202 Resp: 2203500
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 27.6
 203 17.7 0.0 37.8

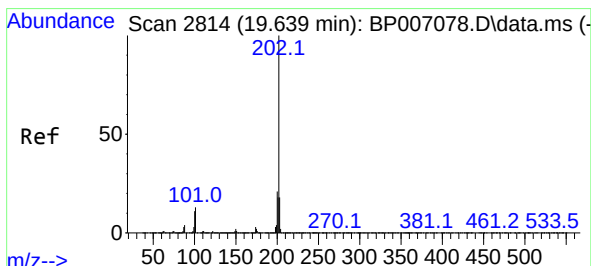
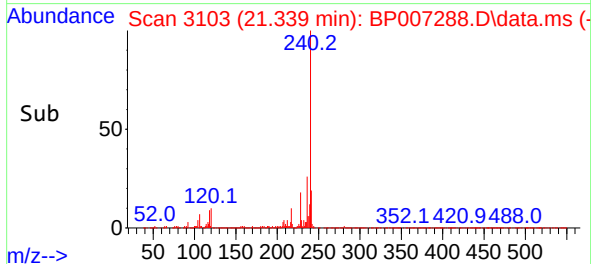
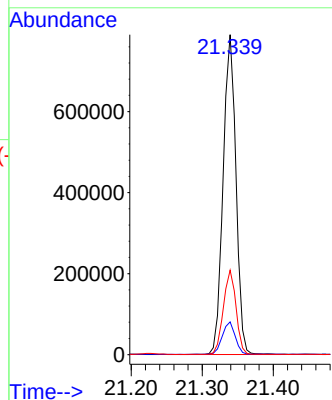




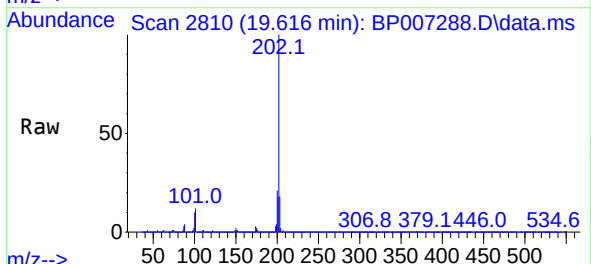
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.012 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34



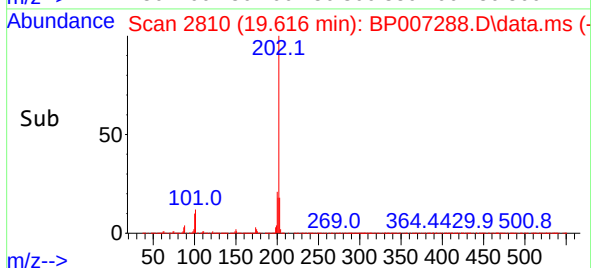
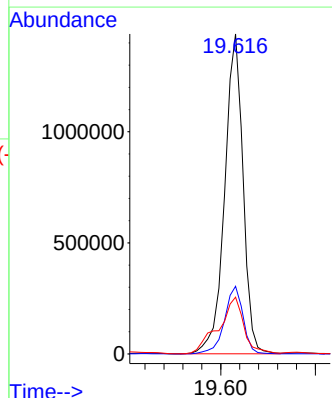
Tgt Ion:240 Resp: 985254
Ion Ratio Lower Upper
240 100
120 10.3 6.5 9.7#
236 26.4 20.6 31.0



#78
Pyrene
Concen: 30.03 ng
RT: 19.616 min Scan# 2810
Delta R.T. -0.012 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34



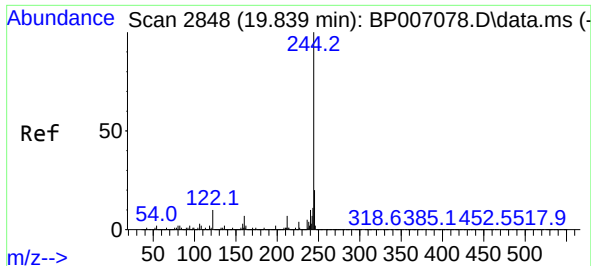
Tgt Ion:202 Resp: 1941263
Ion Ratio Lower Upper
202 100
200 21.1 16.3 24.5
203 17.7 14.2 21.2



Instrument :
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ClientSampleId :
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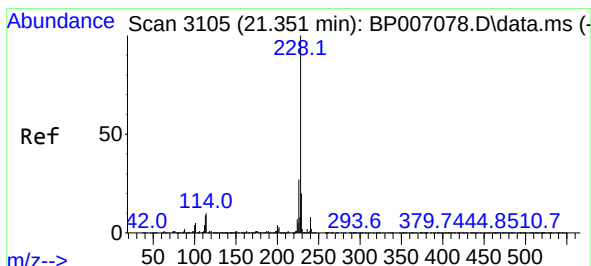
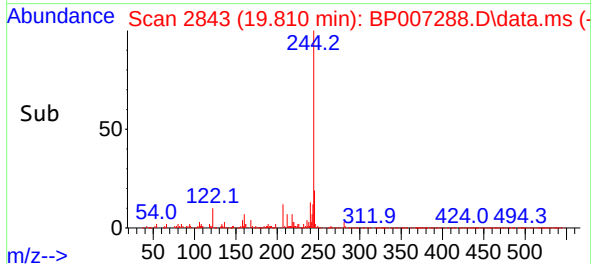
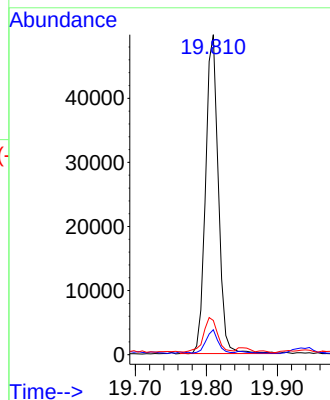
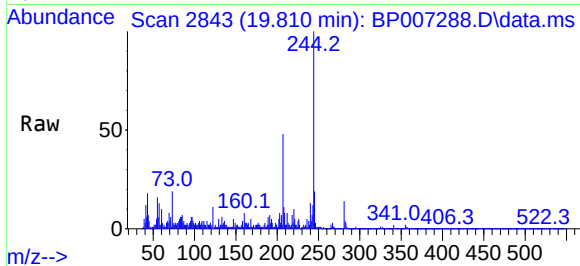
#79
Terphenyl-d14
Concen: 1.21 ng
RT: 19.810 min Scan# 2843
Delta R.T. -0.012 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

Tgt Ion:244 Resp: 62187
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 10.7 7.1 10.7#

Instrument :
BNA_P
ClientSampleId :
CC-15DL

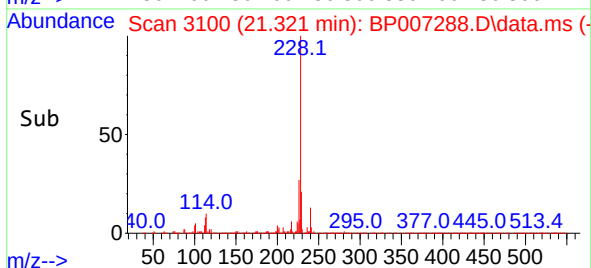
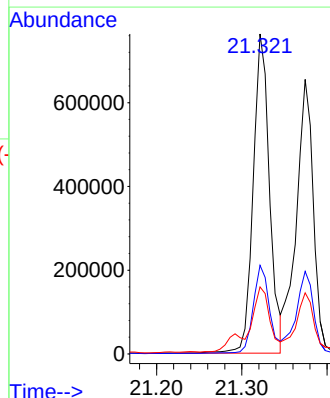
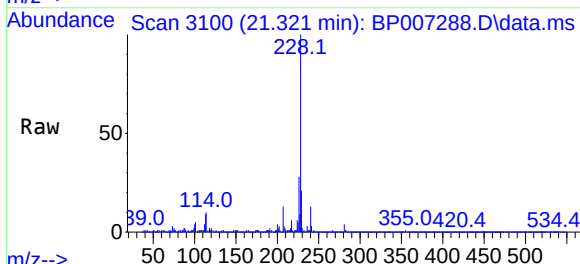
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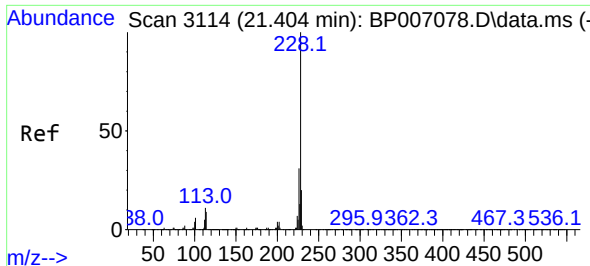
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#81
Benzo(a)anthracene
Concen: 15.83 ng
RT: 21.321 min Scan# 3100
Delta R.T. -0.018 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

Tgt Ion:228 Resp: 1012370
Ion Ratio Lower Upper
228 100
226 27.7 21.6 32.4
229 21.0 15.8 23.6





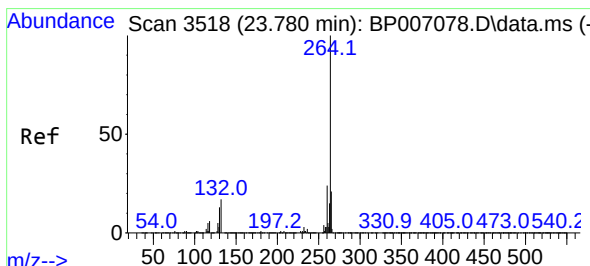
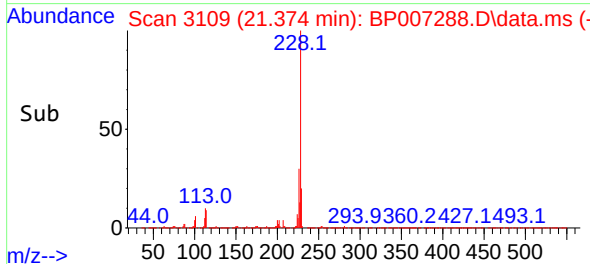
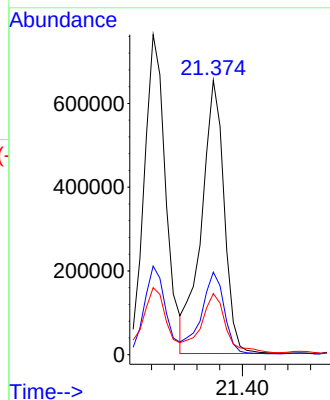
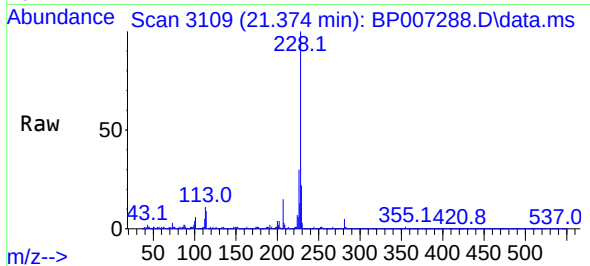
#83
Chrysene
Concen: 14.84 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.018 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

Tgt Ion:	228	Resp:	906756
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.8	35.6
229	22.3	15.4	23.2

Instrument :
BNA_P
ClientSampled :
CC-15DL

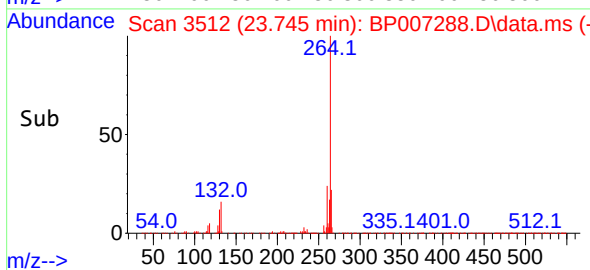
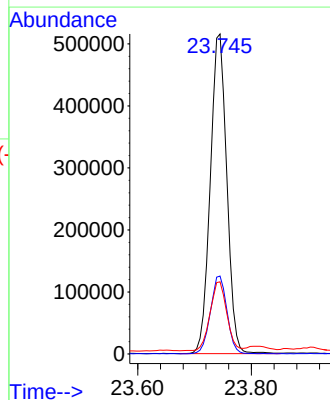
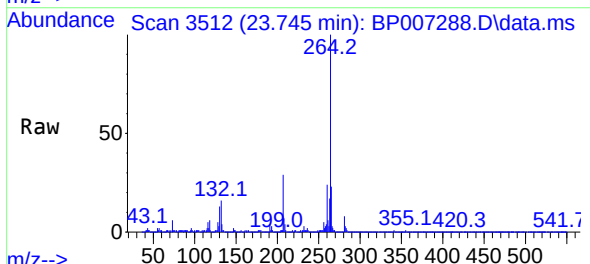
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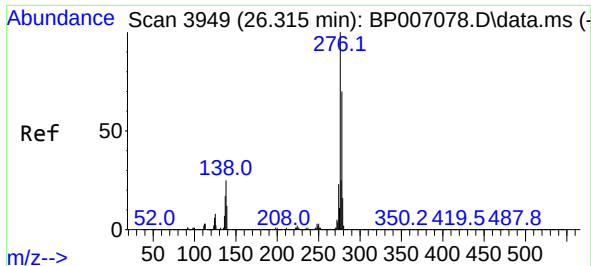
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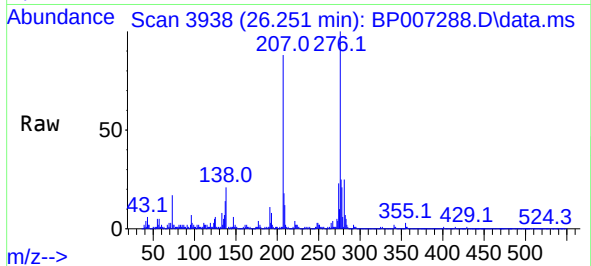
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.745 min Scan# 3512
Delta R.T. -0.018 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

Tgt Ion:	264	Resp:	1037636
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.6	28.0
265	22.5	17.6	26.4

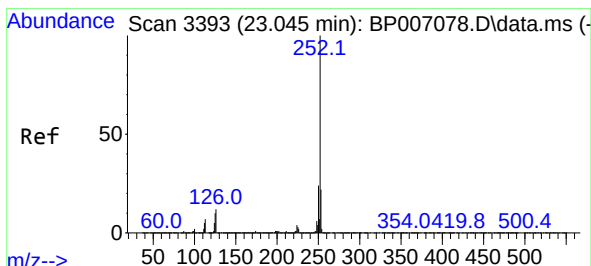
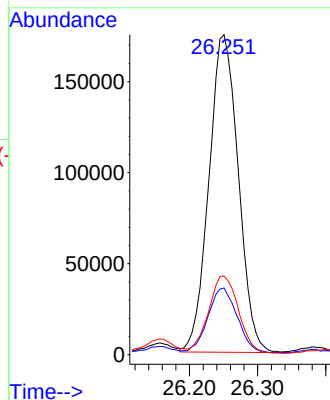
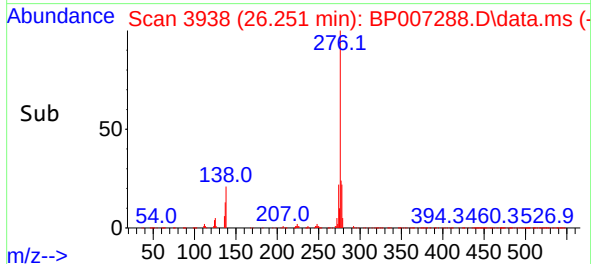




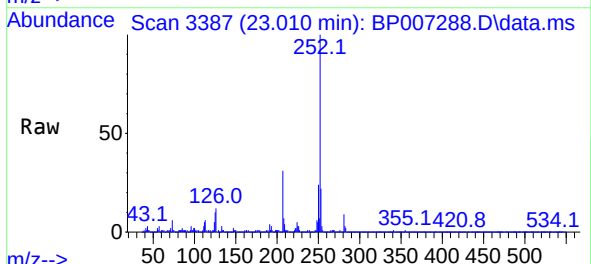
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 7.03 ng
 RT: 26.251 min Scan# 3938
 Delta R.T. -0.047 min
 Lab File: BP007288.D
 Acq: 01 Oct 2021 13:34



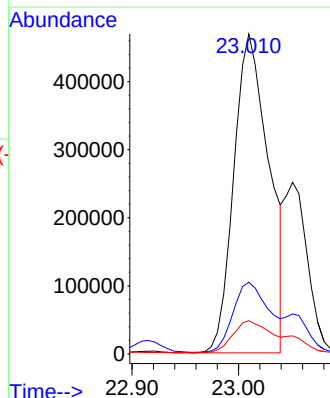
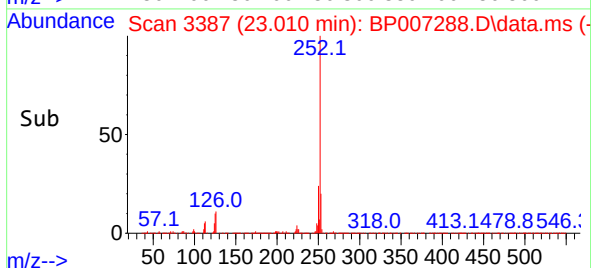
Tgt Ion: 276 Resp: 523967
 Ion Ratio Lower Upper
 276 100
 138 20.3 15.3 22.9
 277 24.8 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 17.35 ng
 RT: 23.010 min Scan# 3387
 Delta R.T. -0.018 min
 Lab File: BP007288.D
 Acq: 01 Oct 2021 13:34



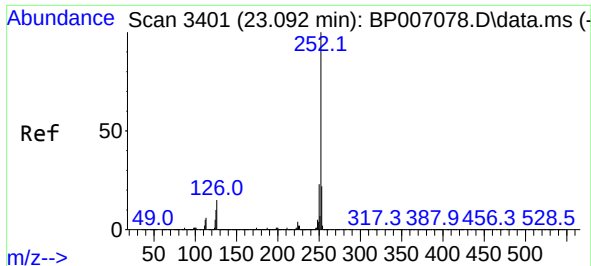
Tgt Ion: 252 Resp: 1075880
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.5 26.3
 125 10.4 6.2 9.4#



Instrument :
 BNA_P
 ClientSampleId :
 CC-15DL

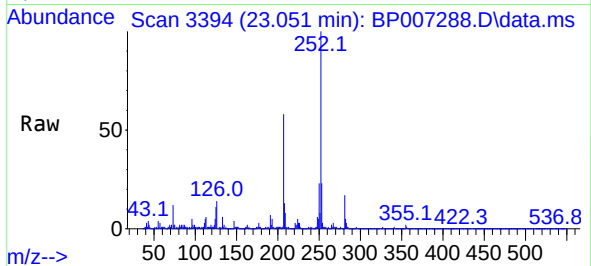
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#89
Benzo(k)fluoranthene
Concen: 5.96 ng m
RT: 23.051 min Scan# 3394
Delta R.T. -0.024 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

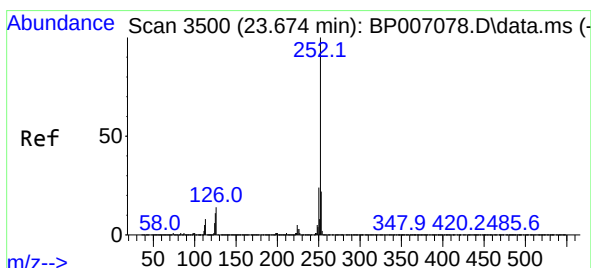
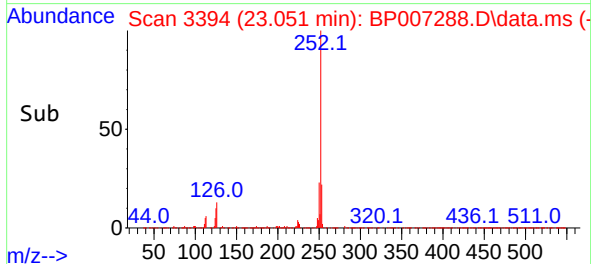
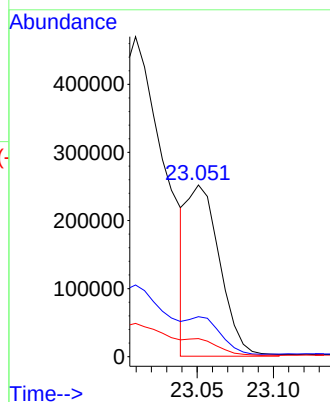
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:252 Resp: 373980
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 10.5 6.0 9.0#

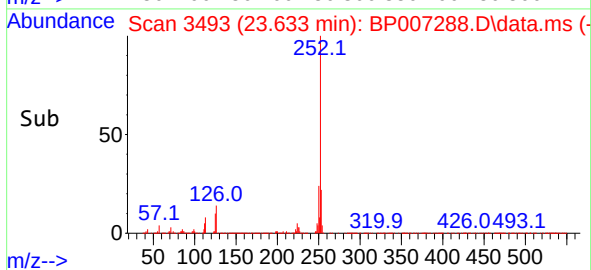
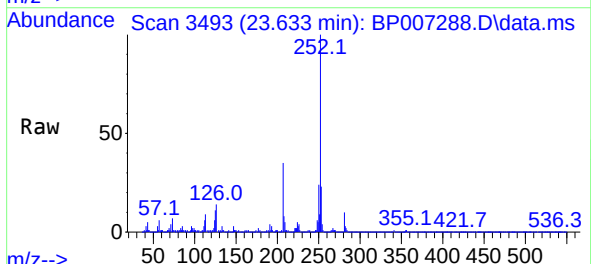
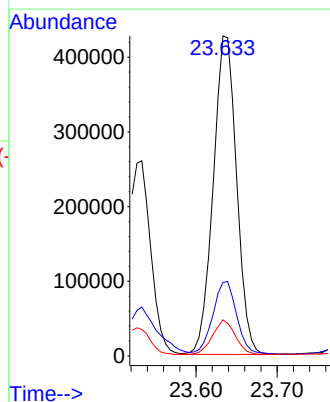
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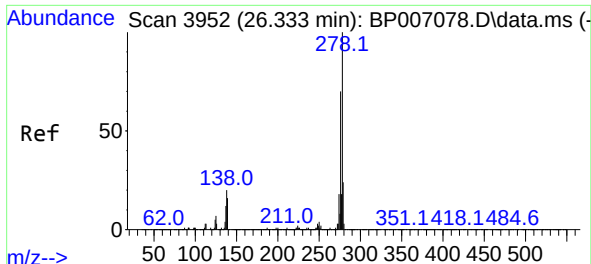
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#90
Benzo(a)pyrene
Concen: 16.20 ng
RT: 23.633 min Scan# 3493
Delta R.T. -0.024 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

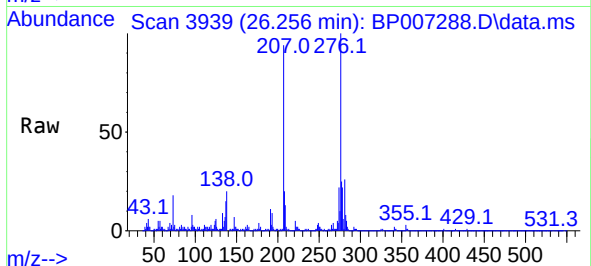
Tgt Ion:252 Resp: 853435
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 11.3 6.5 9.7#





#91
Dibenzo(a,h)anthracene
Concen: 2.08 ng
RT: 26.256 min Scan# 3939
Delta R.T. -0.053 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34

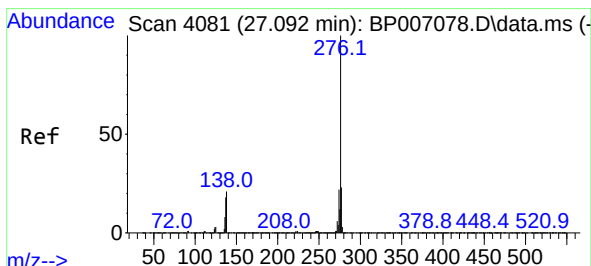
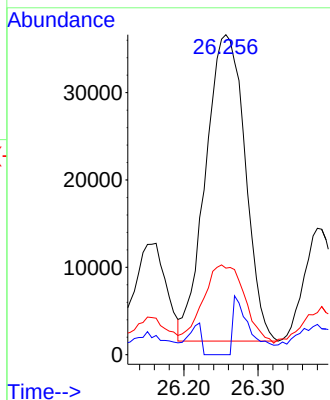
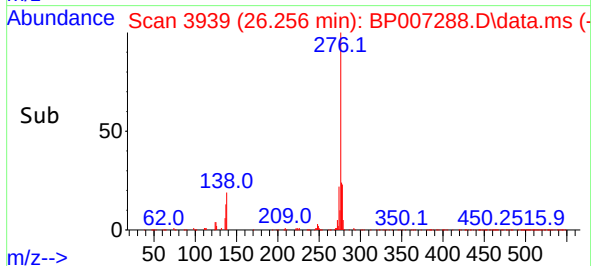
Instrument :
BNA_P
ClientSampled :
CC-15DL



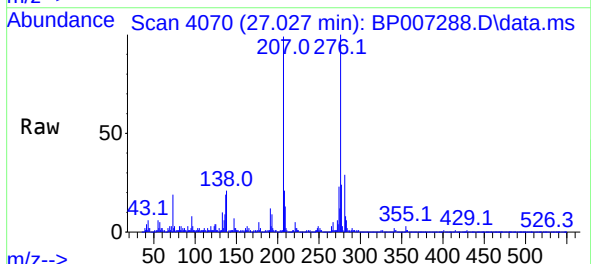
Tgt Ion:278 Resp: 129855
Ion Ratio Lower Upper
278 100
139 0.0 9.3 13.9#
279 27.1 18.8 28.2

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#92
Benzo(g,h,i)perylene
Concen: 8.67 ng
RT: 27.027 min Scan# 4070
Delta R.T. -0.041 min
Lab File: BP007288.D
Acq: 01 Oct 2021 13:34



Tgt Ion:276 Resp: 528697
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 21.0 12.6 18.8#

