

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005719.D
 Acq On : 04 Jun 2021 19:25
 Operator : CG/JU
 Sample : M2589-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FOUNDATION-EXCAVATION-SAMP

Manual Integrations
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Quant Time: Jun 05 02:31:51 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	156062	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	602951	20.000	ng	#-0.01
39) Acenaphthene-d10	14.604	164	381020	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	768428	20.000	ng	# 0.00
76) Chrysene-d12	21.427	240	800600	20.000	ng	# 0.00
86) Perylene-d12	23.874	264	910493	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	423086	42.149	ng	0.00
7) Phenol-d6	7.146	99	519620	37.973	ng	0.00
23) Nitrobenzene-d5	9.146	82	369173	34.051	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	255408	52.276	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	771516	26.798	ng	0.00
79) Terphenyl-d14	19.892	244	1165810	27.324	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.840	128	345063	9.610	ng	# 97
37) 2-Methylnaphthalene	12.445	142	215925	8.487	ng	# 88
38) 1-Methylnaphthalene	12.663	142	159167	6.594	ng	# 98
71) Phenanthrene	17.392	178	498298	10.409	ng	100
72) Anthracene	17.480	178	133470	2.824	ng	99
74) Di-n-butylphthalate	18.298	149	883859	17.741	ng	# 92
75) Fluoranthene	19.357	202	700972	12.198	ng	95
78) Pyrene	19.710	202	654627	11.588	ng	98
81) Benzo(a)anthracene	21.410	228	351756	5.987	ng	# 94
83) Chrysene	21.463	228	313179	5.505	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.327	149	83321	2.611	ng	# 85
87) Indeno(1,2,3-cd)pyrene	26.445	276	208527	2.692	ng	# 93
88) Benzo(b)fluoranthene	23.127	252	431615m	6.534	ng	
90) Benzo(a)pyrene	23.762	252	311332	5.180	ng	# 84
92) Benzo(g,h,i)perylene	27.233	276	215622	3.325	ng	# 87

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

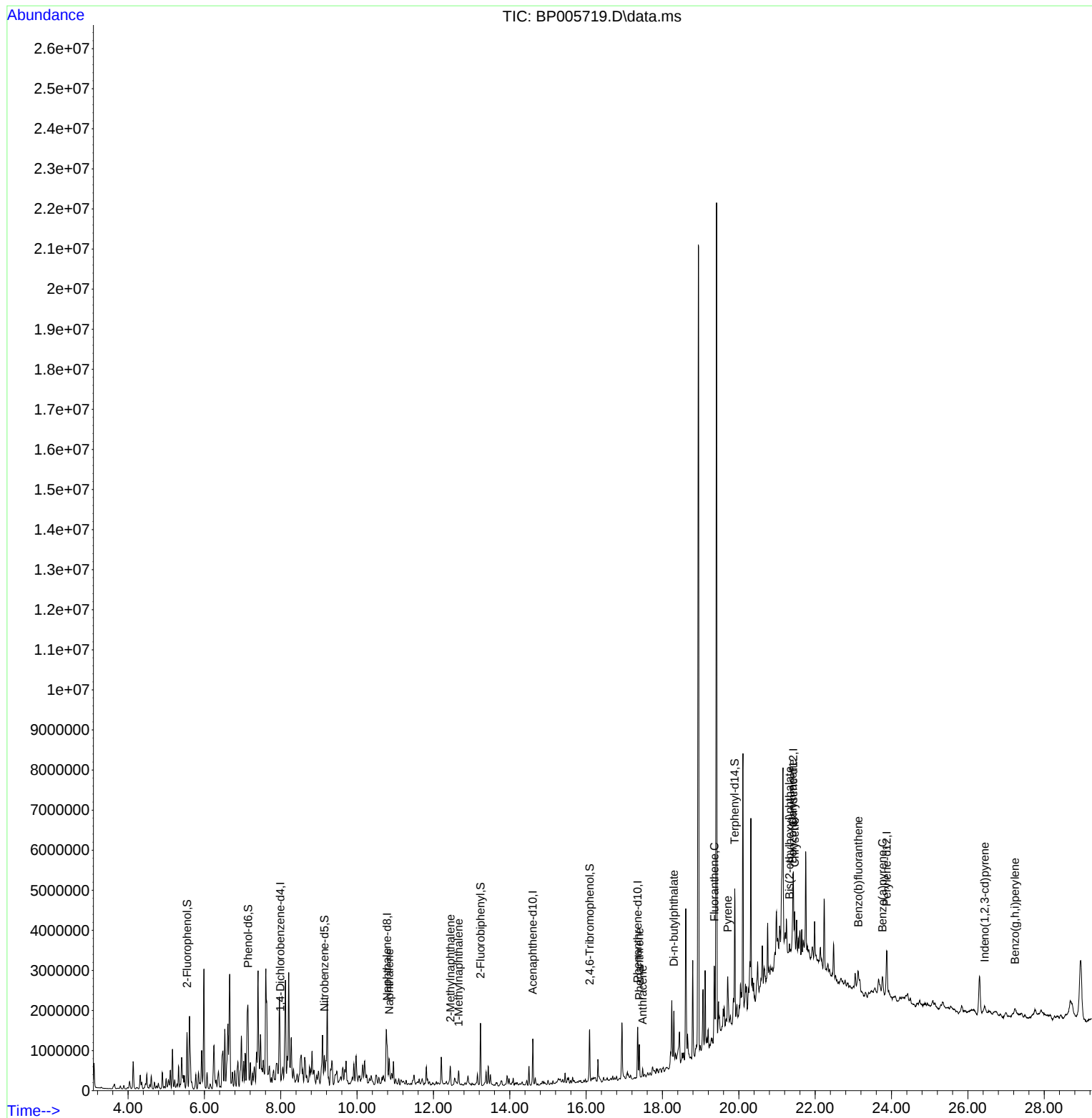
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
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Acq On : 04 Jun 2021 19:25
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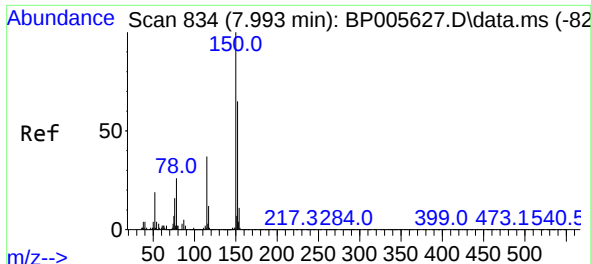
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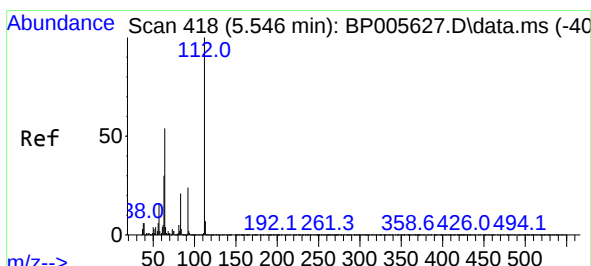
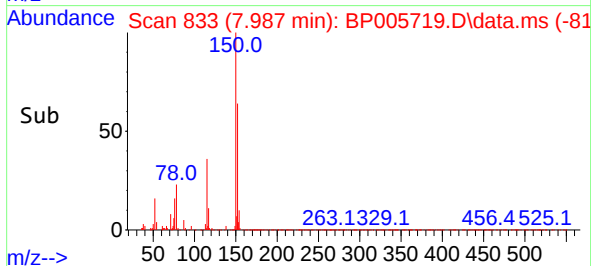
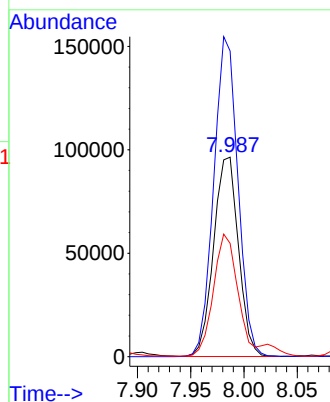
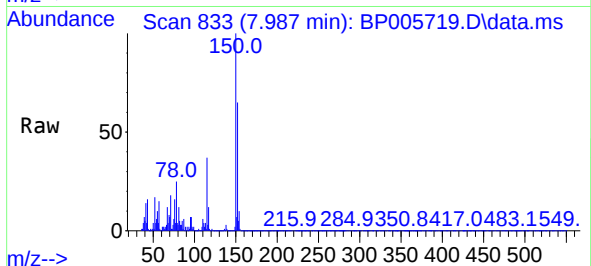
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

Tgt Ion:152 Resp: 156062
Ion Ratio Lower Upper
152 100
150 153.2 119.8 179.8
115 56.8 49.0 73.4

Instrument :
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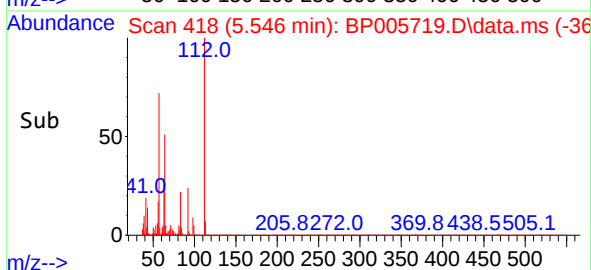
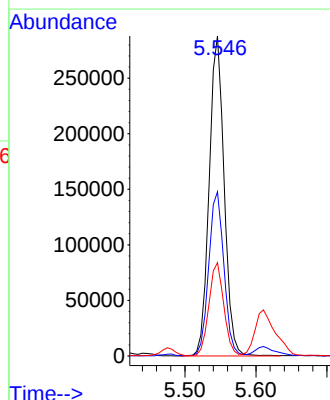
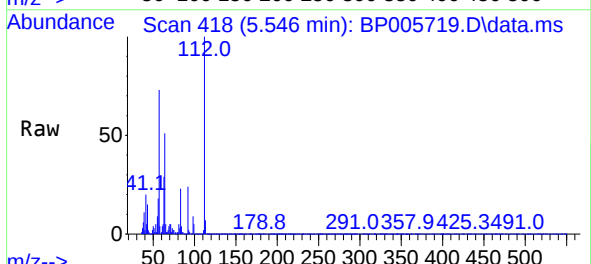
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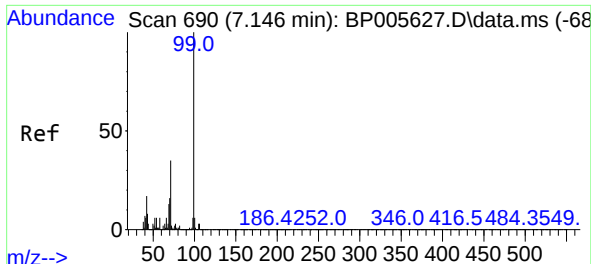
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#5
2-Fluorophenol
Concen: 42.149 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

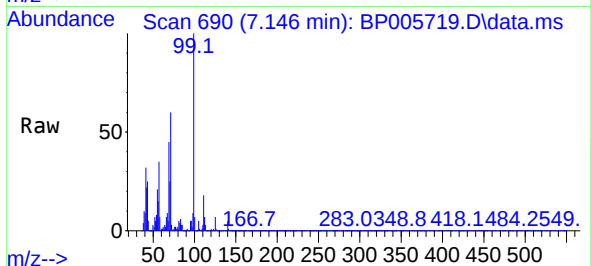
Tgt Ion:112 Resp: 423086
Ion Ratio Lower Upper
112 100
64 51.3 33.6 50.4#
63 29.1 18.6 27.8#





#7
Phenol-d6
Concen: 37.973 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

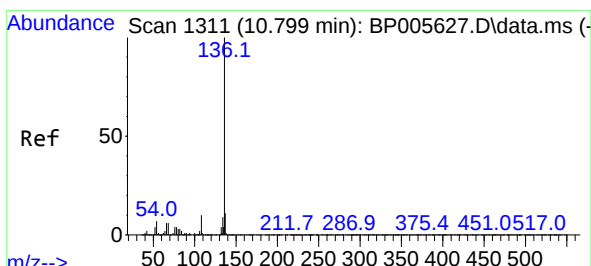
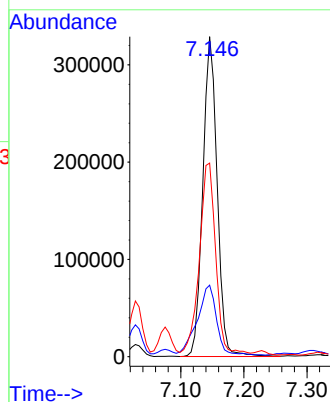
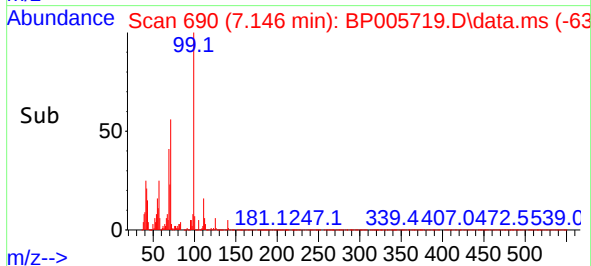
Instrument :
BNA_P
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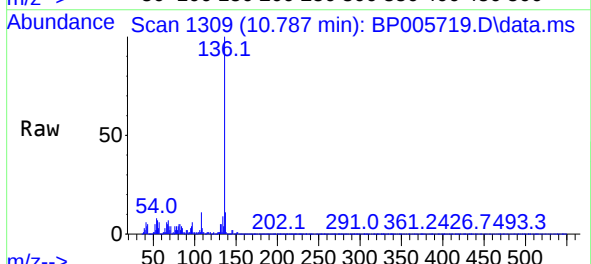
Tgt Ion: 99 Resp: 519620
Ion Ratio Lower Upper
99 100
42 22.3 12.9 19.3#
71 60.5 26.7 40.1#

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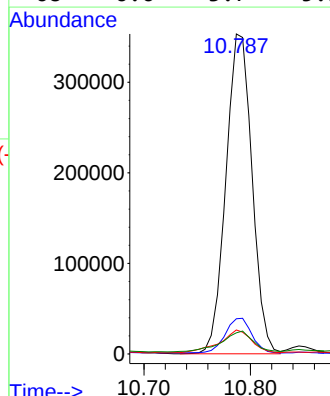
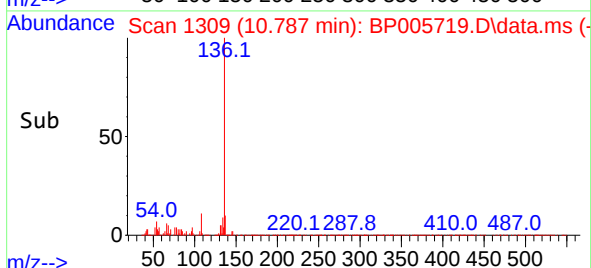
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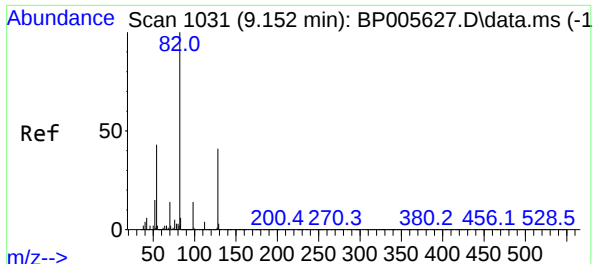


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25



Tgt Ion: 136 Resp: 602951
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.5 5.0 7.4#
68 6.6 3.7 5.5#





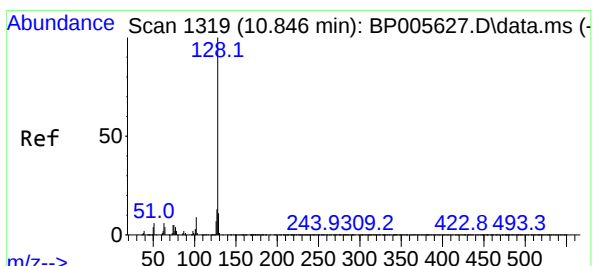
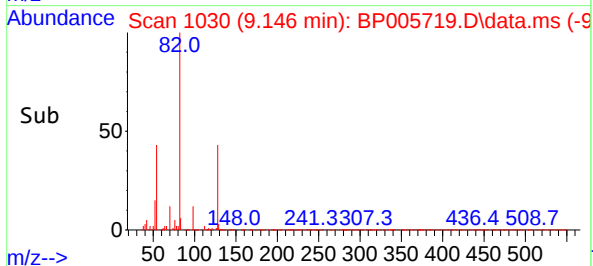
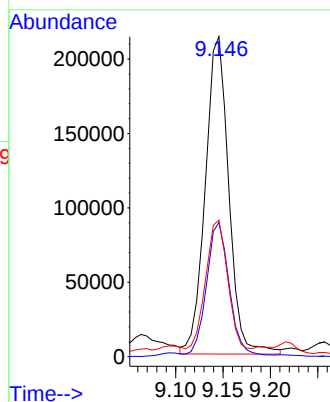
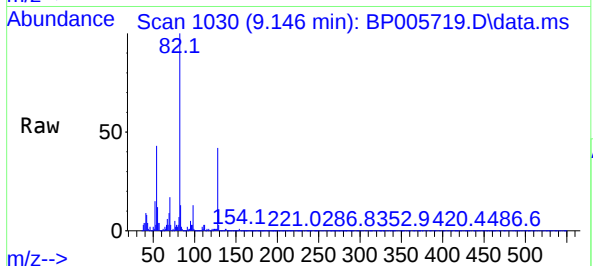
#23
Nitrobenzene-d5
Concen: 34.051 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

Tgt Ion: 82 Resp: 369173
Ion Ratio Lower Upper
82 100
128 42.0 30.5 45.7
54 42.7 33.9 50.9

Instrument :
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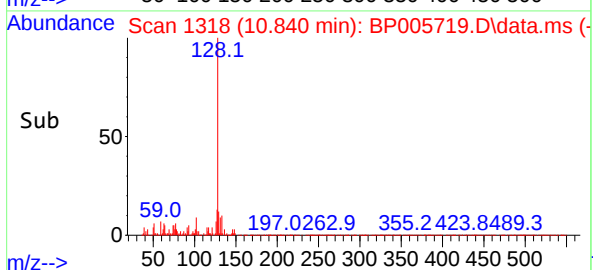
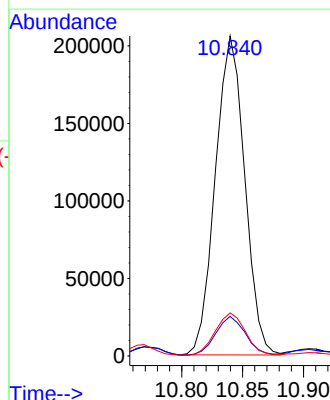
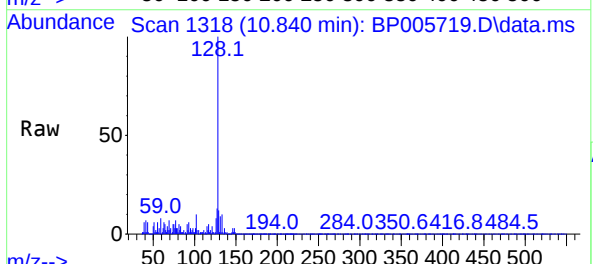
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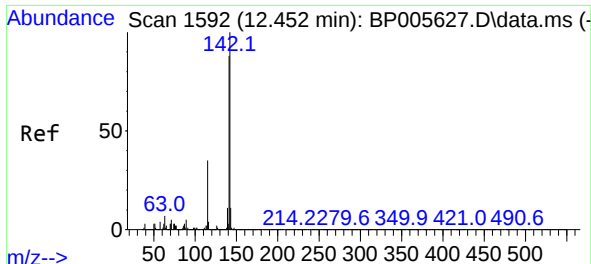
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#31
Naphthalene
Concen: 9.610 ng
RT: 10.840 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

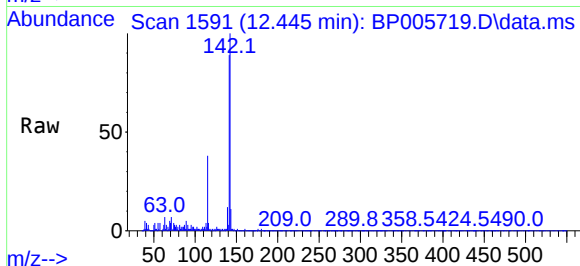
Tgt Ion: 128 Resp: 345063
Ion Ratio Lower Upper
128 100
129 12.3 8.0 12.0#
127 13.4 11.1 16.7





#37
2-Methylnaphthalene
Concen: 8.487 ng
RT: 12.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

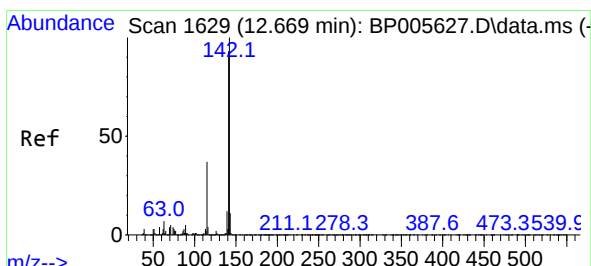
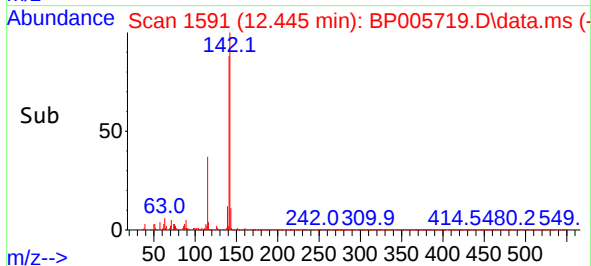
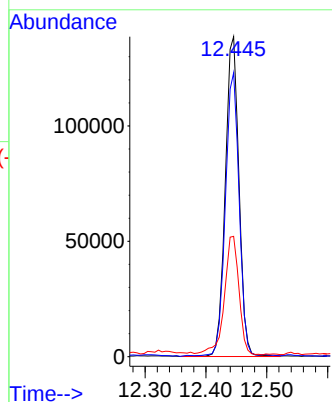
Instrument :
BNA_P
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP



Tgt Ion:142 Resp: 215925
Ion Ratio Lower Upper
142 100
141 88.7 74.7 112.1
115 37.6 43.8 65.8#

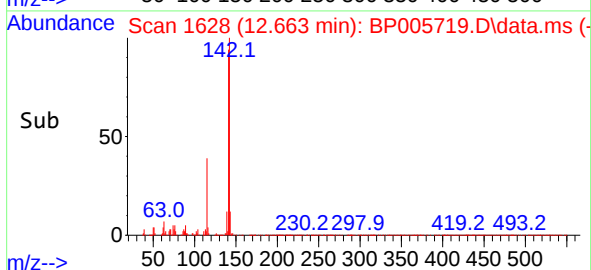
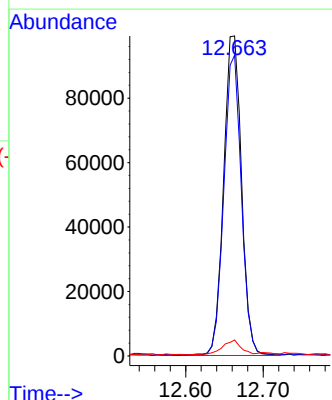
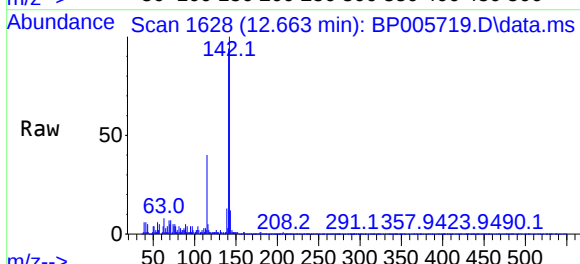
Manual Integrations
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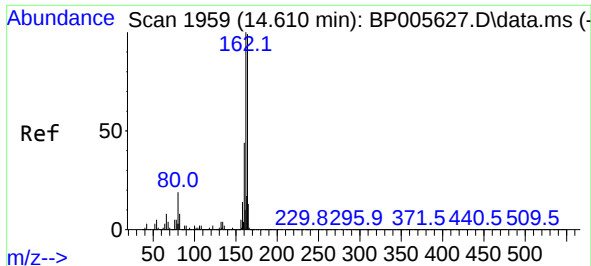
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#38
1-Methylnaphthalene
Concen: 6.594 ng
RT: 12.663 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

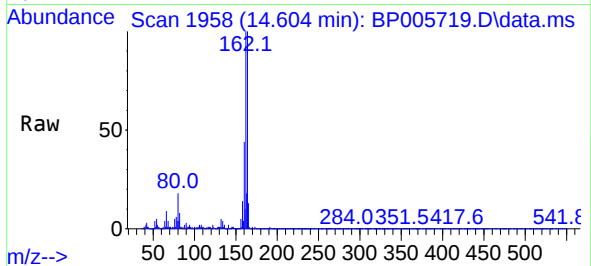
Tgt Ion:142 Resp: 159167
Ion Ratio Lower Upper
142 100
141 94.0 77.0 115.6
116 5.0 5.0 7.6#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

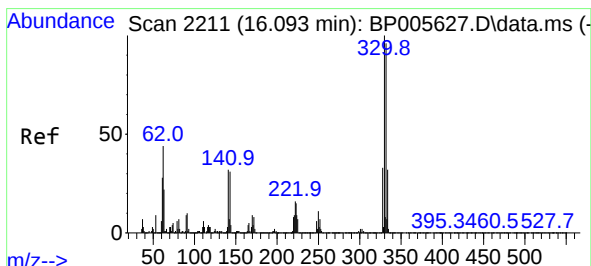
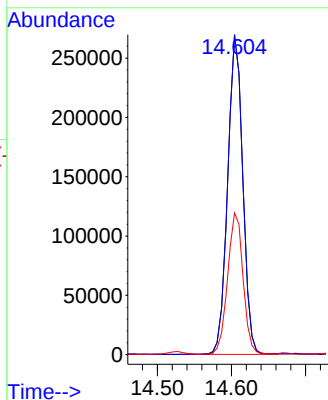
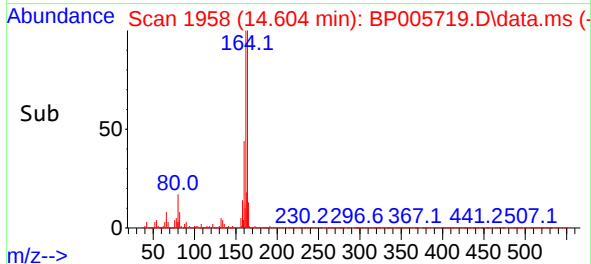
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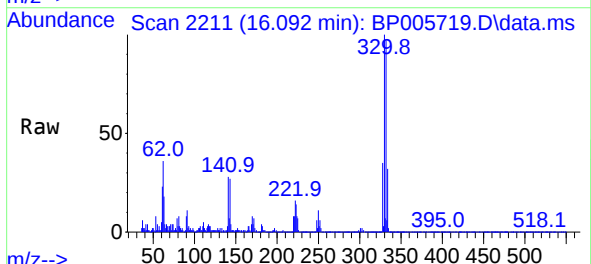
Tgt Ion:164 Resp: 381020
Ion Ratio Lower Upper
164 100
162 100.0 73.5 110.3
160 44.3 40.6 61.0

Manual Integrations
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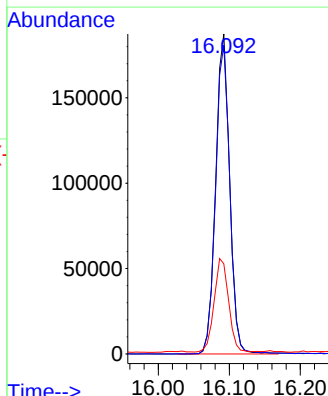
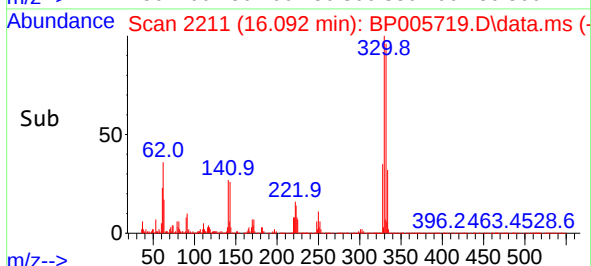
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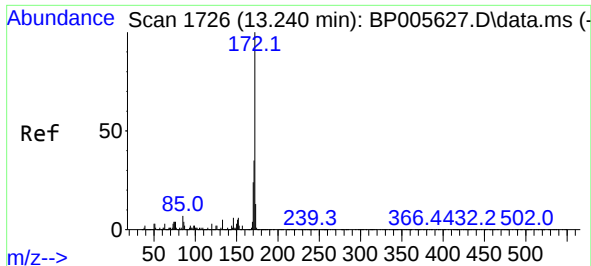


#42
2,4,6-Tribromophenol
Concen: 52.276 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25



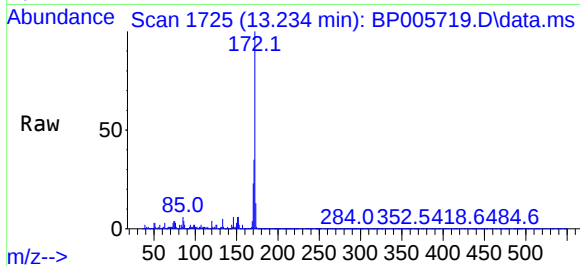
Tgt Ion:330 Resp: 255408
Ion Ratio Lower Upper
330 100
332 98.1 76.3 114.5
141 30.1 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 26.798 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

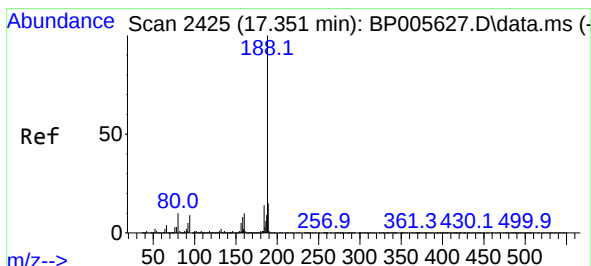
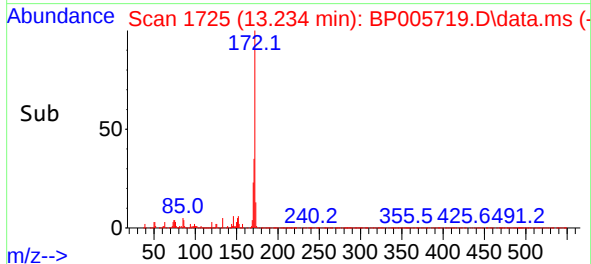
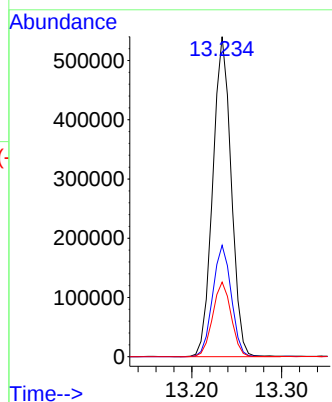
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Tgt Ion:172 Resp: 771516
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.3 19.6 29.4

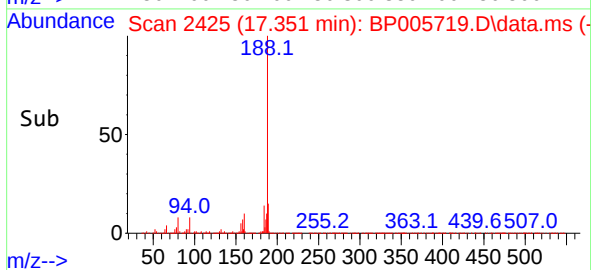
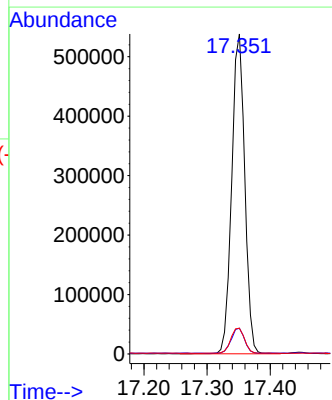
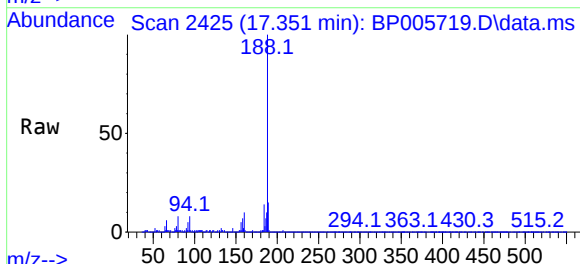
Manual Integrations
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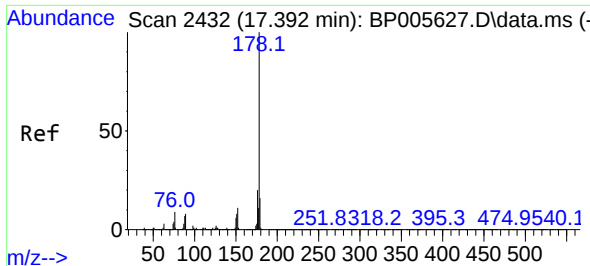
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

Tgt Ion:188 Resp: 768428
Ion Ratio Lower Upper
188 100
94 8.1 5.0 7.6#
80 8.1 5.9 8.9





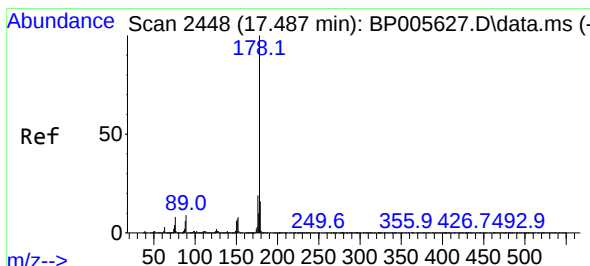
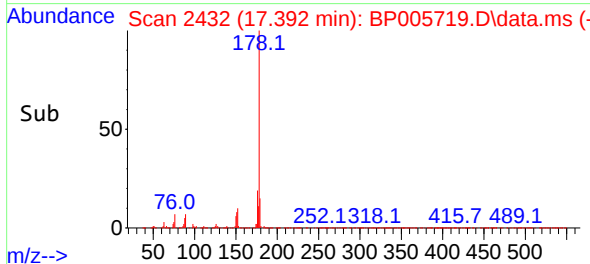
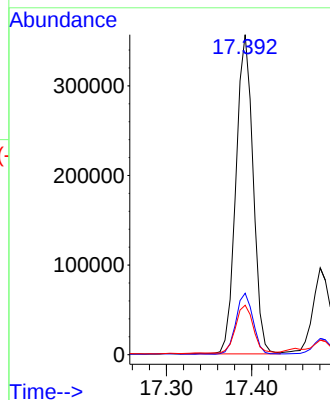
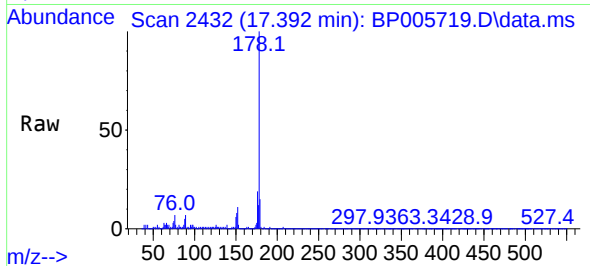
#71
Phenanthrene
Concen: 10.409 ng
RT: 17.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

Tgt Ion:178 Resp: 498298
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.4 12.3 18.5

Instrument :
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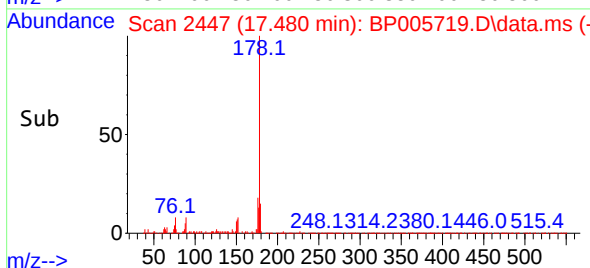
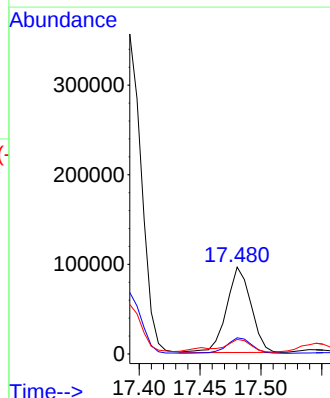
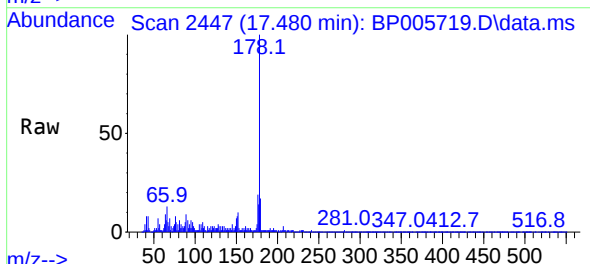
Manual Integrations
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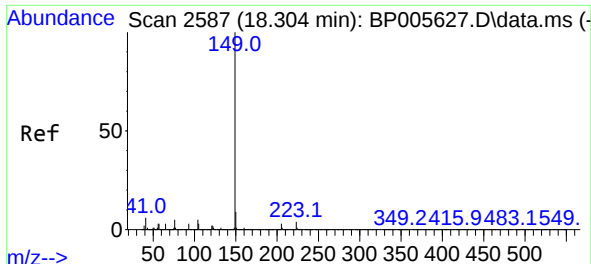
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#72
Anthracene
Concen: 2.824 ng
RT: 17.480 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

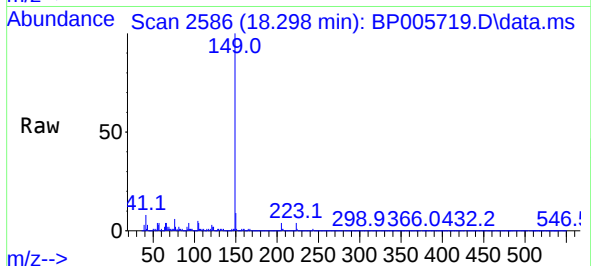
Tgt Ion:178 Resp: 133470
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 16.7 12.6 19.0





#74
Di-n-butylphthalate
Concen: 17.741 ng
RT: 18.298 min Scan# 2586
Delta R.T. -0.006 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

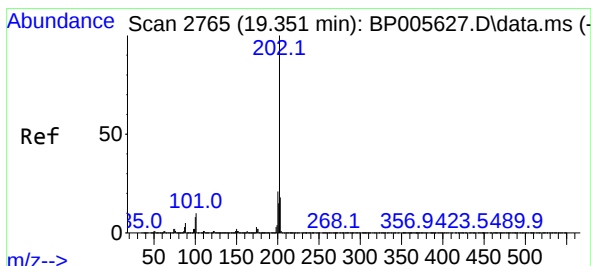
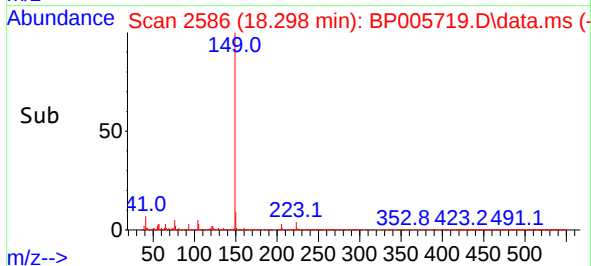
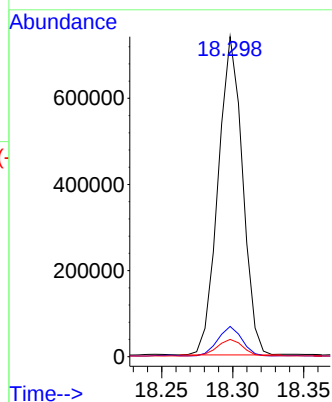
Instrument :
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ClientSampleId :
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Tgt Ion:149 Resp: 883859
Ion Ratio Lower Upper
149 100
150 9.5 7.6 11.4
104 5.4 8.9 13.3#

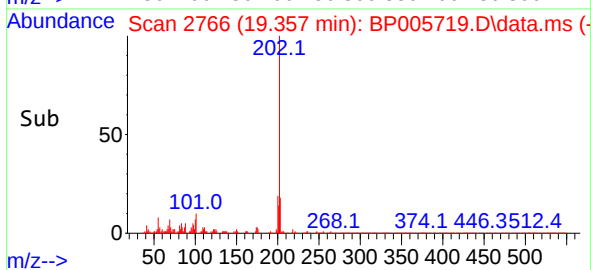
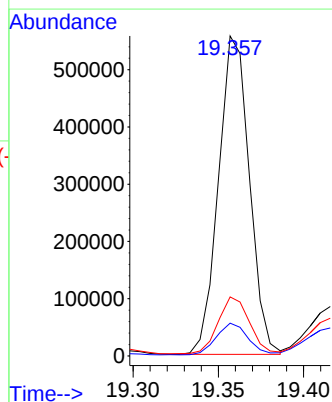
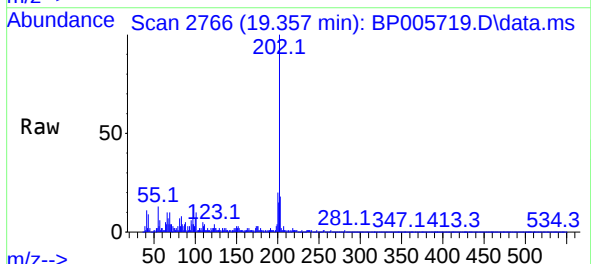
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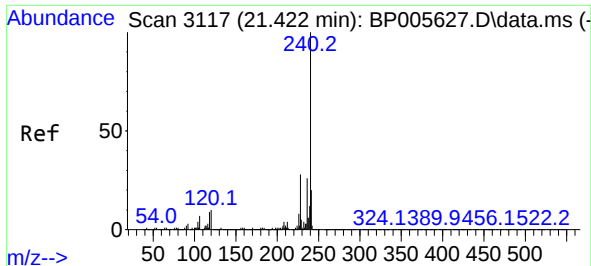
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#75
Fluoranthene
Concen: 12.198 ng
RT: 19.357 min Scan# 2766
Delta R.T. 0.006 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

Tgt Ion:202 Resp: 700972
Ion Ratio Lower Upper
202 100
101 10.2 0.0 26.1
203 18.4 0.0 37.2





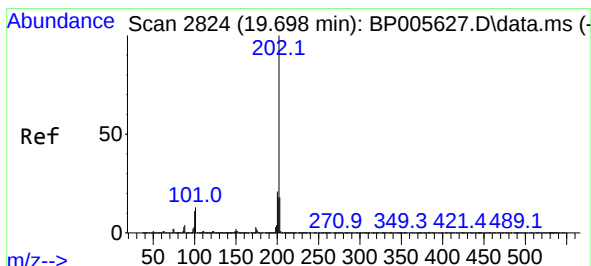
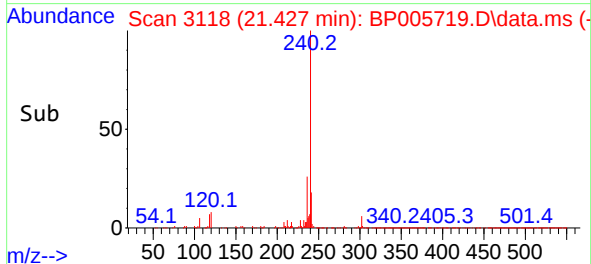
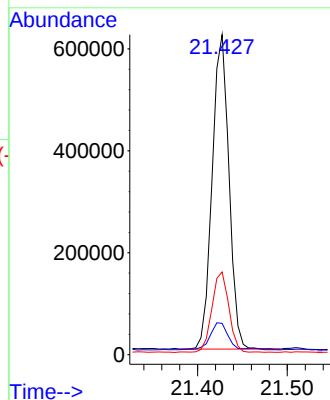
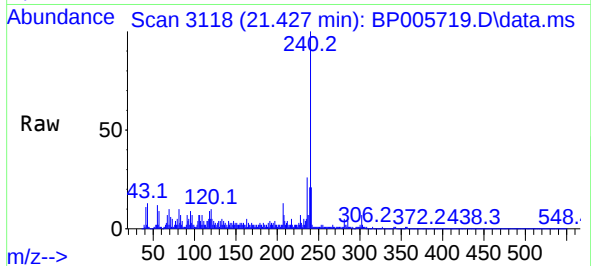
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.005 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

Tgt Ion:240 Resp: 800600
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 25.8 20.2 30.2

Instrument :
BNA_P
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

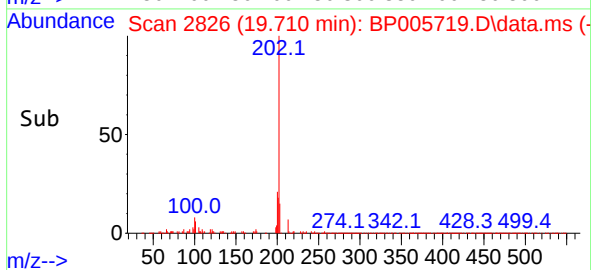
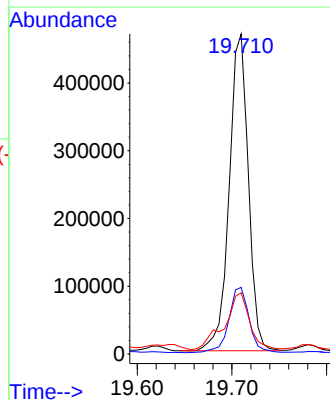
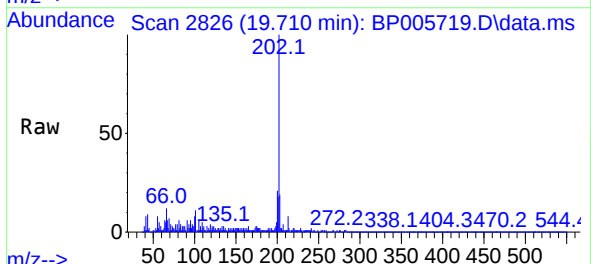
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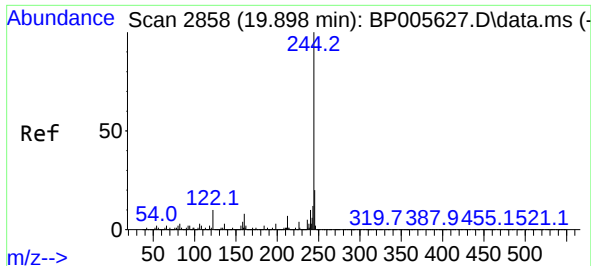
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#78
Pyrene
Concen: 11.588 ng
RT: 19.710 min Scan# 2826
Delta R.T. 0.012 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

Tgt Ion:202 Resp: 654627
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 19.1 13.8 20.6





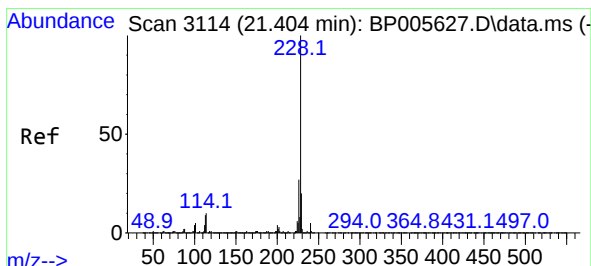
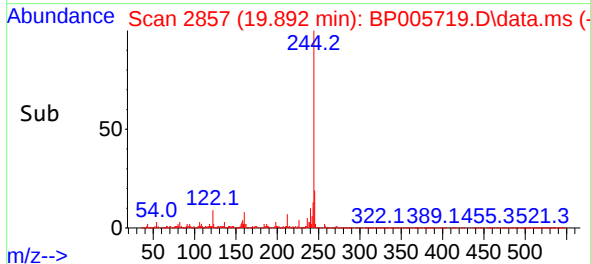
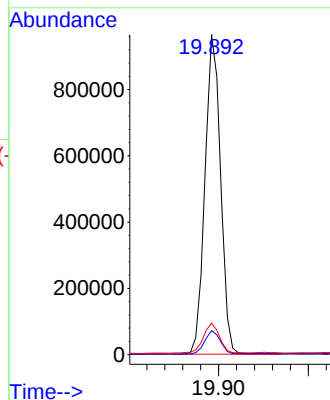
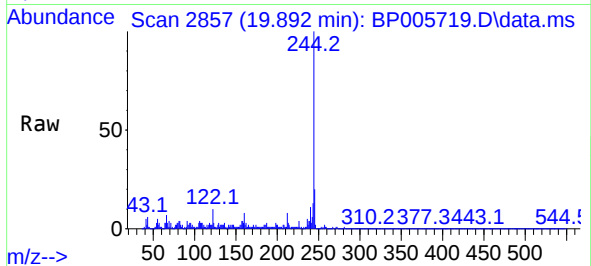
#79
Terphenyl-d14
Concen: 27.324 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

Tgt Ion:244 Resp: 1165810
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.8 5.2 7.8#

Instrument :
BNA_P
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

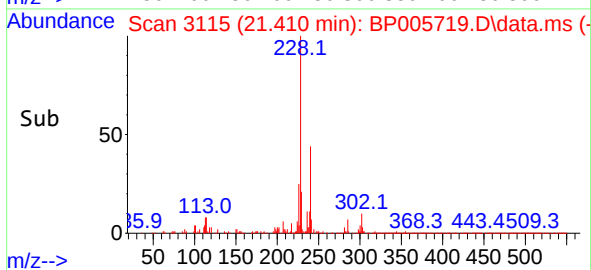
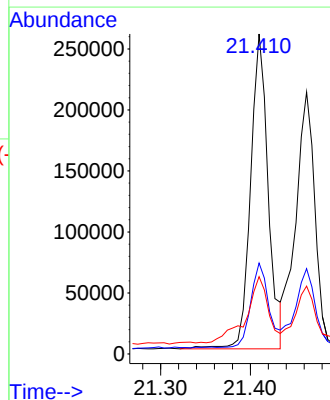
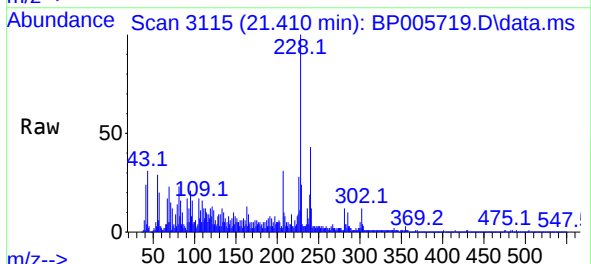
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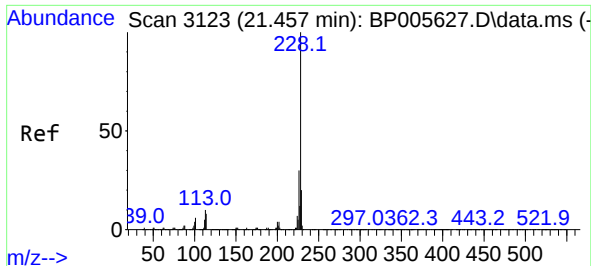
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#81
Benzo(a)anthracene
Concen: 5.987 ng
RT: 21.410 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

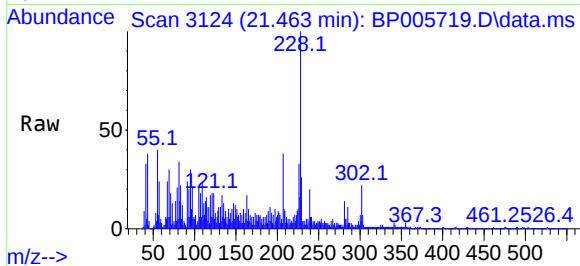
Tgt Ion:228 Resp: 351756
Ion Ratio Lower Upper
228 100
226 28.4 21.2 31.8
229 24.2 15.6 23.4#





#83
Chrysene
Concen: 5.505 ng
RT: 21.463 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

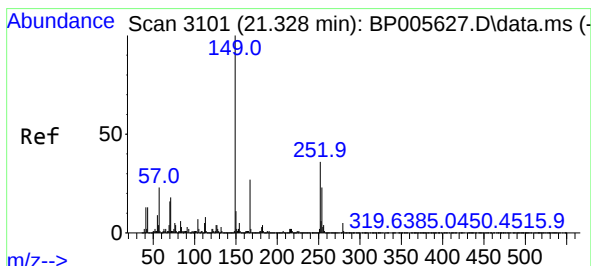
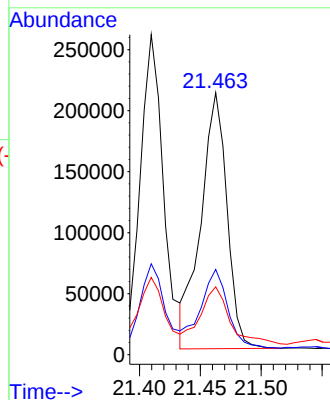
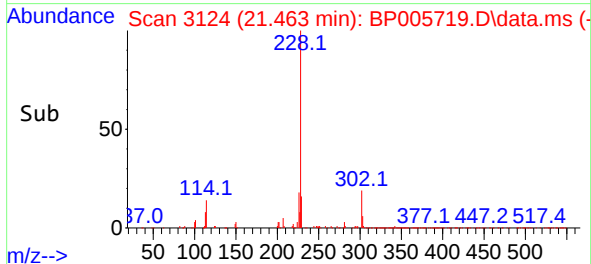
Instrument :
BNA_P
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP



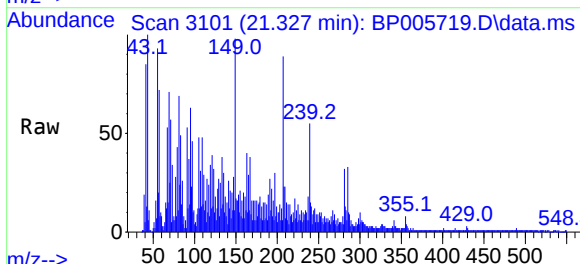
Tgt Ion:228 Resp: 313179
Ion Ratio Lower Upper
228 100
226 32.6 24.8 37.2
229 25.9 15.4 23.0#

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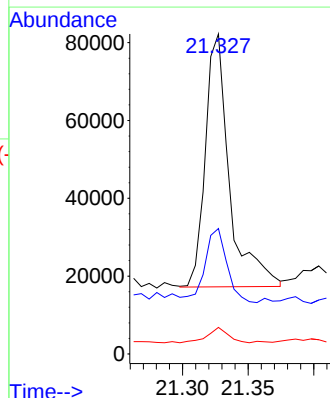
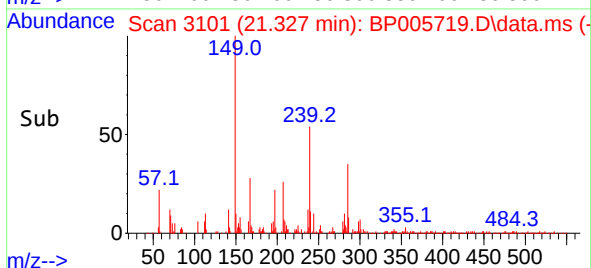
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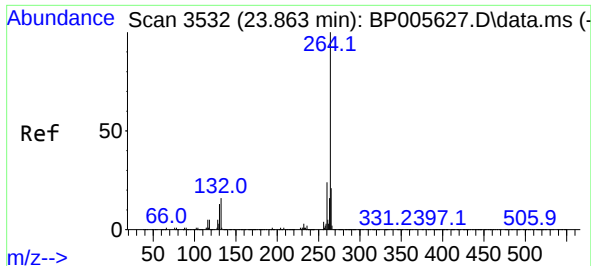


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.611 ng
RT: 21.327 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25



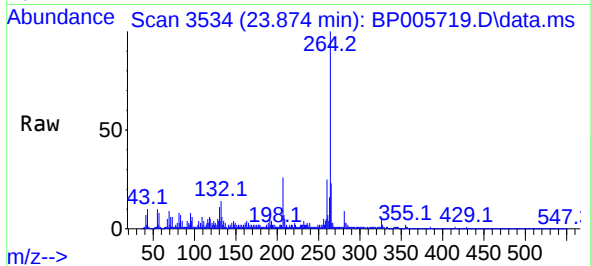
Tgt Ion:149 Resp: 83321
Ion Ratio Lower Upper
149 100
167 39.2 23.8 35.8#
279 8.3 5.7 8.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.874 min Scan# 3534
Delta R.T. 0.012 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

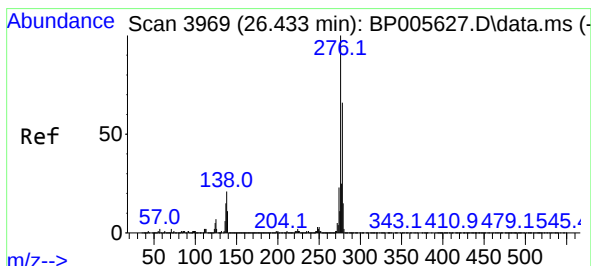
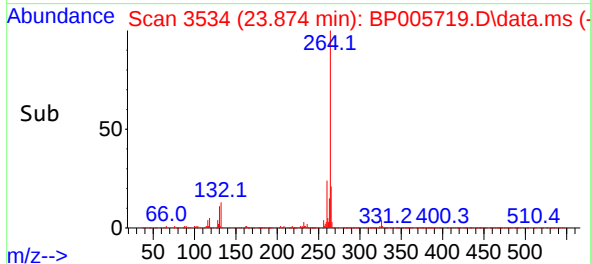
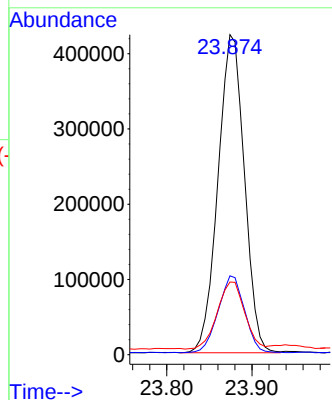
Instrument :
BNA_P
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP



Tgt Ion:264 Resp: 910493
Ion Ratio Lower Upper
264 100
260 24.7 20.6 30.8
265 22.7 19.0 28.6

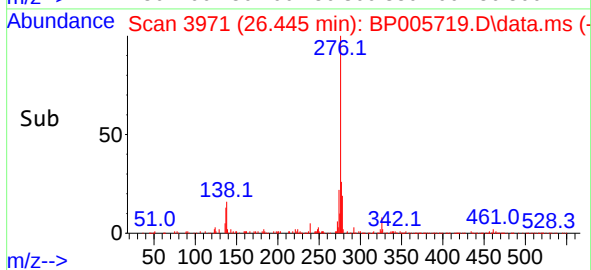
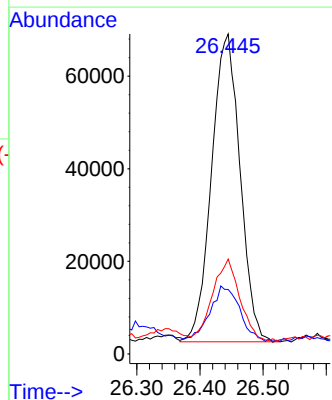
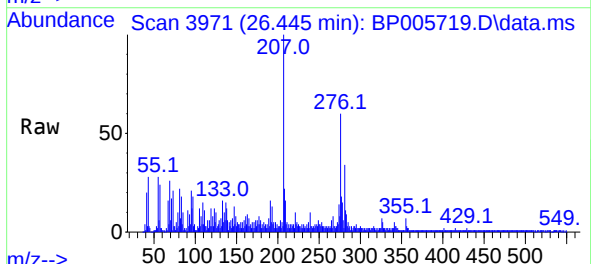
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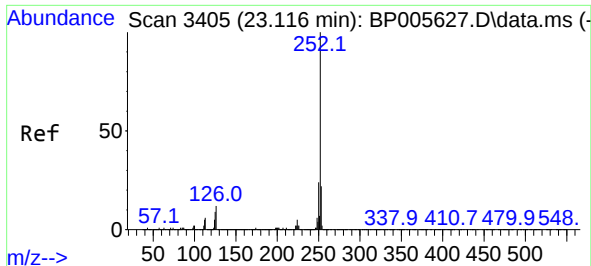
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.692 ng
RT: 26.445 min Scan# 3971
Delta R.T. 0.012 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

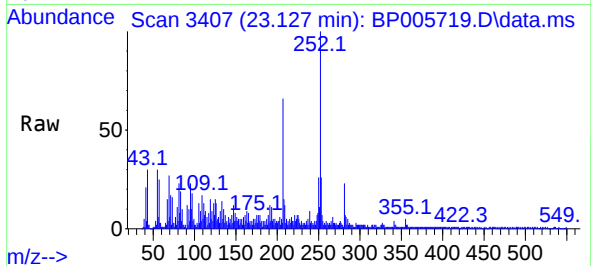
Tgt Ion:276 Resp: 208527
Ion Ratio Lower Upper
276 100
138 18.8 8.4 12.6#
277 25.1 20.6 31.0





#88
Benzo(b)fluoranthene
Concen: 6.534 ng m
RT: 23.127 min Scan# 3407
Delta R.T. 0.012 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

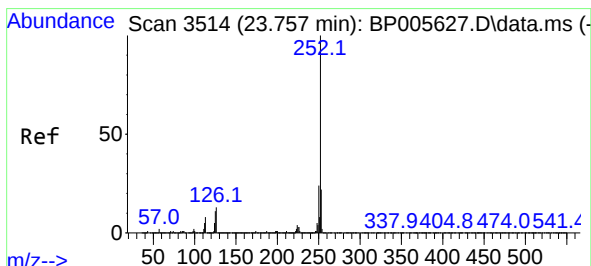
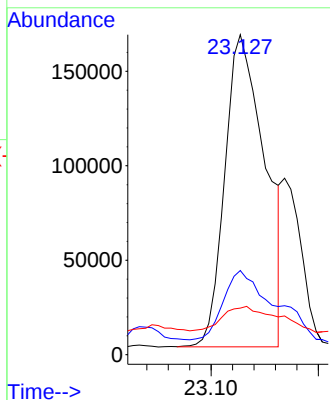
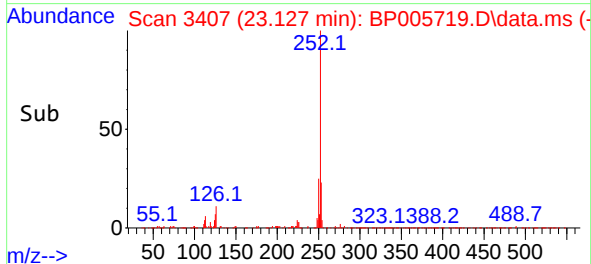
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BNA_P
ClientSampleId :
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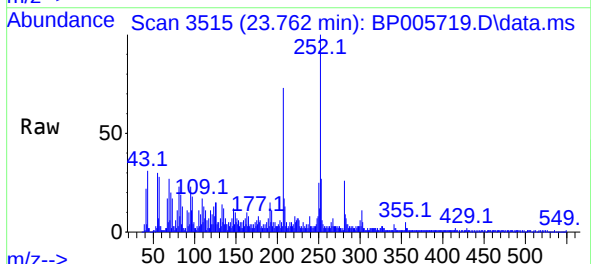
Tgt Ion:252 Resp: 431615
Ion Ratio Lower Upper
252 100
253 26.3 18.2 27.2
125 14.6 3.4 5.0#

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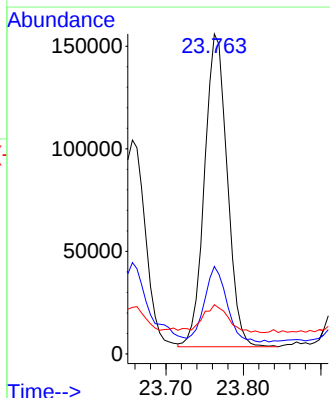
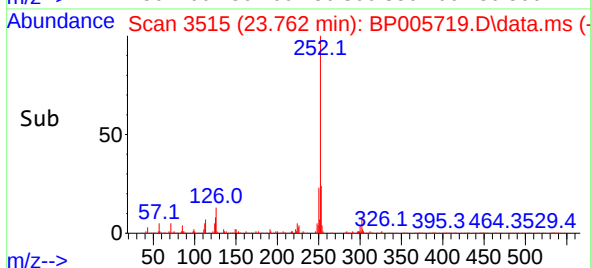
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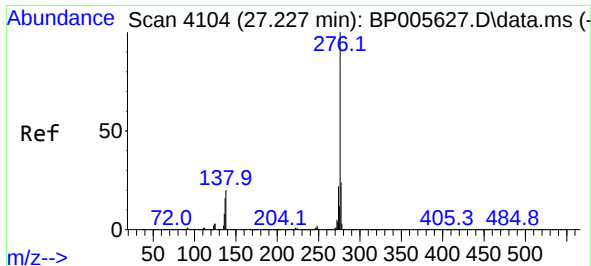


#90
Benzo(a)pyrene
Concen: 5.180 ng
RT: 23.762 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25



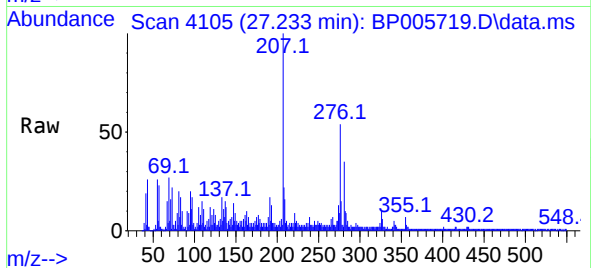
Tgt Ion:252 Resp: 311332
Ion Ratio Lower Upper
252 100
253 27.4 17.1 25.7#
125 15.4 3.8 5.6#





#92
Benzo(g,h,i)perylene
Concen: 3.325 ng
RT: 27.233 min Scan# 4105
Delta R.T. 0.006 min
Lab File: BP005719.D
Acq: 04 Jun 2021 19:25

Instrument :
BNA_P
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP



Tgt Ion: 276 Resp: 215622
Ion Ratio Lower Upper
276 100
277 28.0 19.8 29.8
138 21.2 7.7 11.5#

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