

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
 Data File : BP004832.D
 Acq On : 19 Feb 2021 20:56
 Operator : CG/JU
 Sample : M1425-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-COMP

Manual Integrations
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Quant Time: Feb 19 23:54:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 12:04:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	62240	20.00	ng	0.00
21) Naphthalene-d8	10.552	136	246056	20.00	ng	# 0.00
39) Acenaphthene-d10	14.410	164	151294	20.00	ng	0.00
64) Phenanthrene-d10	17.169	188	311689	20.00	ng	# 0.00
76) Chrysene-d12	21.263	240	363175	20.00	ng	# 0.01
86) Perylene-d12	23.580	264	343563	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	312773	77.59	ng	0.00
7) Phenol-d6	6.946	99	397906	71.78	ng	0.00
23) Nitrobenzene-d5	8.916	82	250784	44.41	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	164551	81.86	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	549251	44.37	ng	0.00
79) Terphenyl-d14	19.739	244	831277	38.45	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.905	77	13136	5.64	ng	# 81
10) Phenol	6.969	94	14210	2.65	ng	# 72
15) Benzyl Alcohol	8.005	79	53198	12.78	ng	# 81
20) 3+4-Methylphenols	8.534	107	14834	3.08	ng	89
32) Benzoic acid	9.810	122	1927m	7.42	ng	
70) Pentachlorophenol	16.822	266	13517	5.52	ng	97
71) Phenanthrene	17.210	178	60469	3.17	ng	# 95
74) Di-n-butylphthalate	18.128	149	75043	3.63	ng	# 90
75) Fluoranthene	19.186	202	106827	4.70	ng	94
78) Pyrene	19.539	202	116796	4.56	ng	# 94
83) Chrysene	21.298	228	55450	2.22	ng	# 81
84) Bis(2-ethylhexyl)phtha...	21.175	149	883758	58.17	ng	97
88) Benzo(b)fluoranthene	22.880	252	51232	2.04	ng	# 1

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

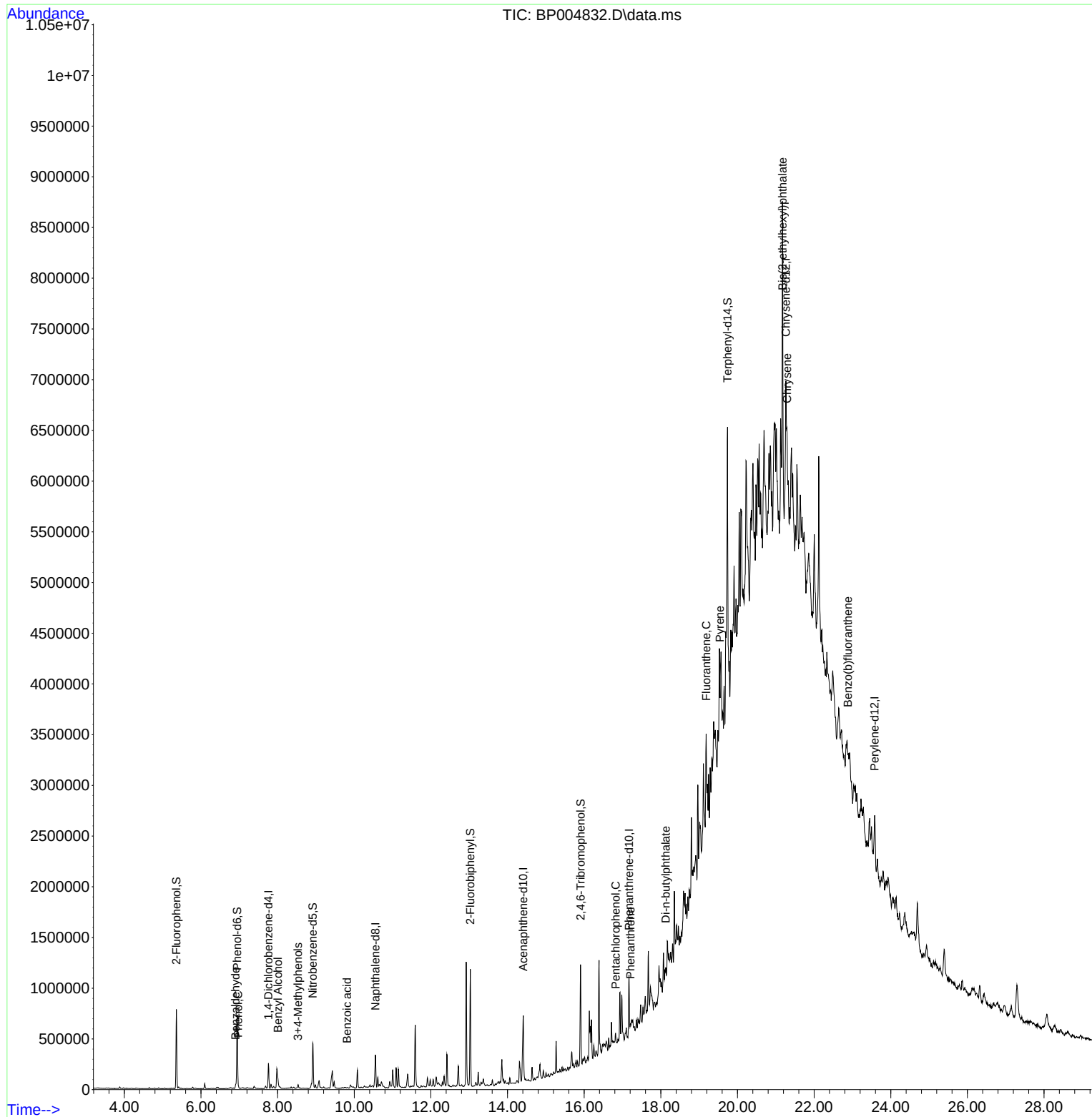
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Data File : BP004832.D
Acq On : 19 Feb 2021 20:56
Operator : CG/JU
Sample : M1425-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

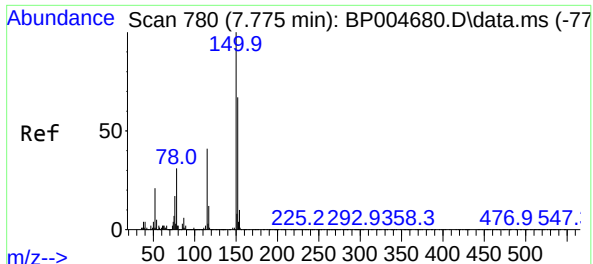
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Quant Time: Feb 19 23:54:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





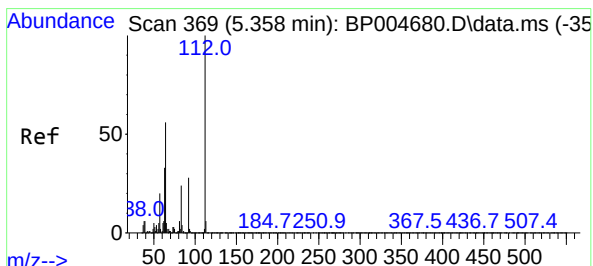
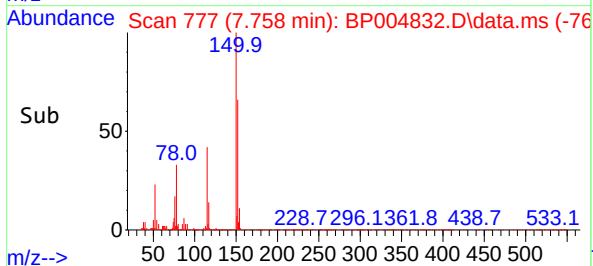
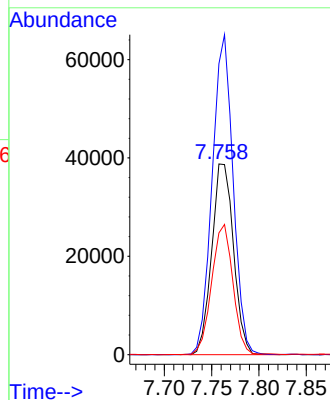
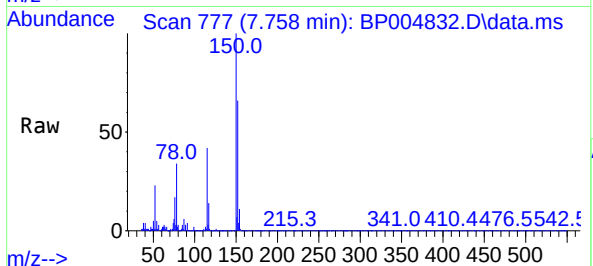
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.758 min Scan# 777
Delta R.T. -0.005 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion:	152	Resp:	62240
Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.8	185.6
115	63.9	43.8	65.6

Instrument :
BNA_P
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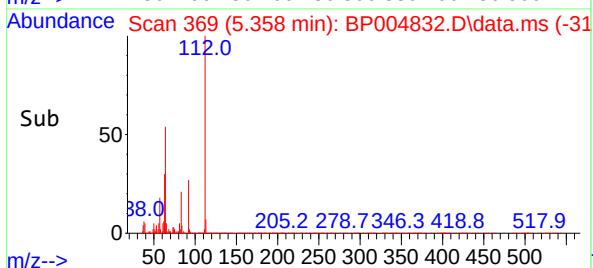
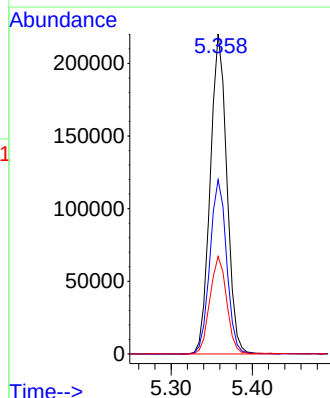
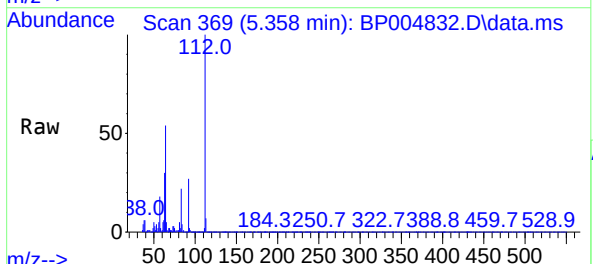
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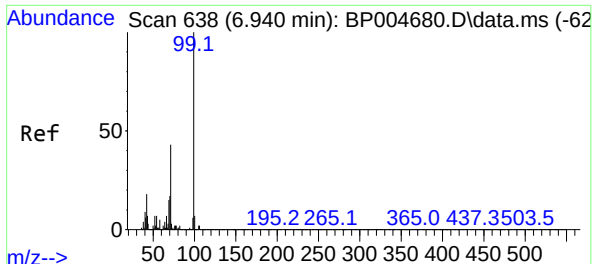
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#5
2-Fluorophenol
Concen: 77.59 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion:	112	Resp:	312773
Ion	Ratio	Lower	Upper
112	100		
64	54.5	32.8	49.2#
63	30.5	17.0	25.4#





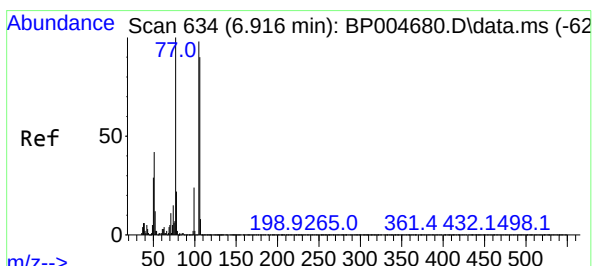
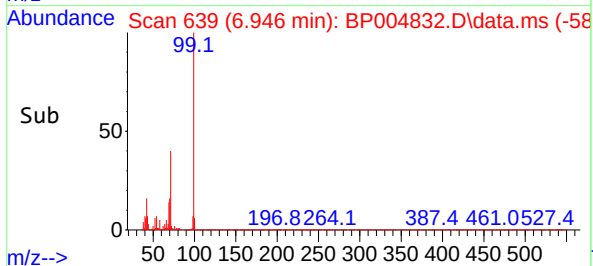
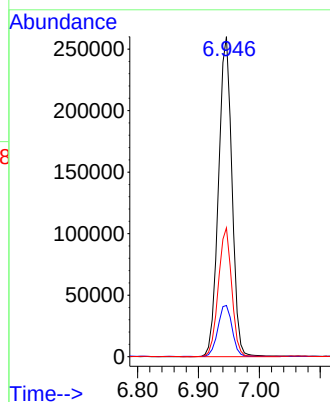
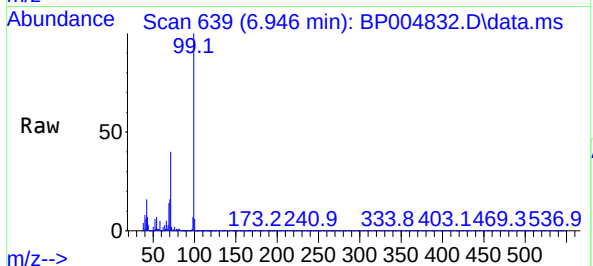
#7
Phenol-d6
Concen: 71.78 ng
RT: 6.946 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion: 99 Resp: 397906
Ion Ratio Lower Upper
99 100
42 16.0 8.6 13.0#
71 40.2 23.4 35.2#

Instrument :
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ClientSampleId :
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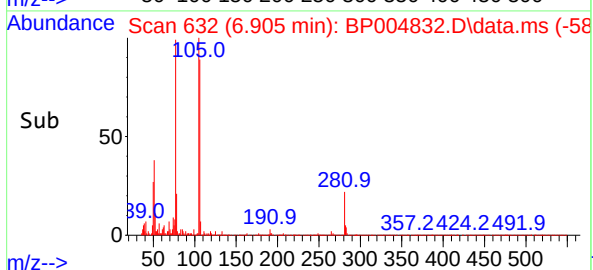
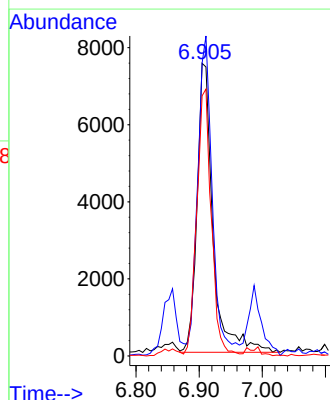
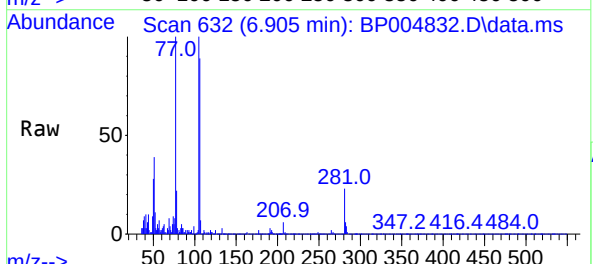
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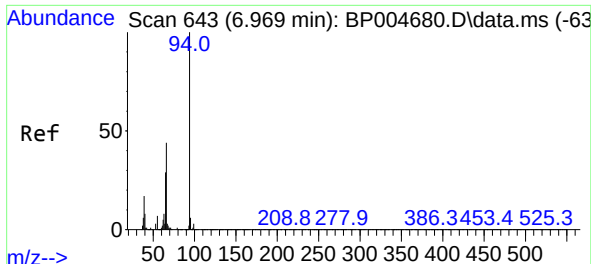
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#9
Benzaldehyde
Concen: 5.64 ng
RT: 6.905 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

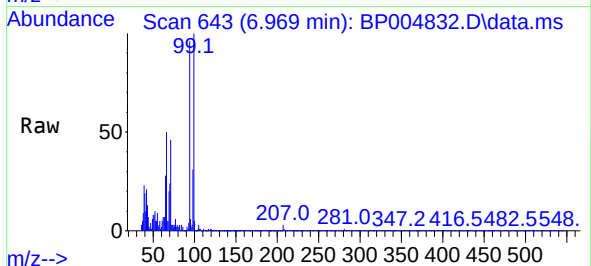
Tgt Ion: 77 Resp: 13136
Ion Ratio Lower Upper
77 100
105 100.1 97.1 137.1
106 88.9 93.7 133.7#





#10
Phenol
Concen: 2.65 ng
RT: 6.969 min Scan# 643
Delta R.T. 0.000 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

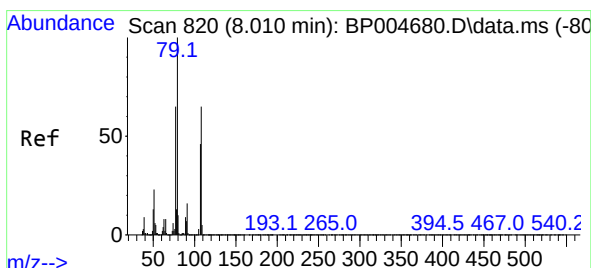
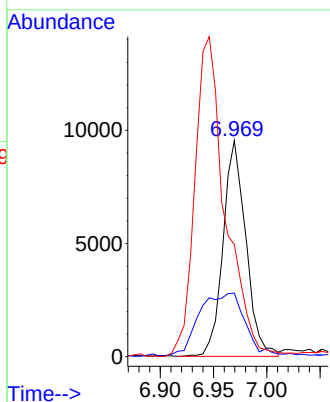
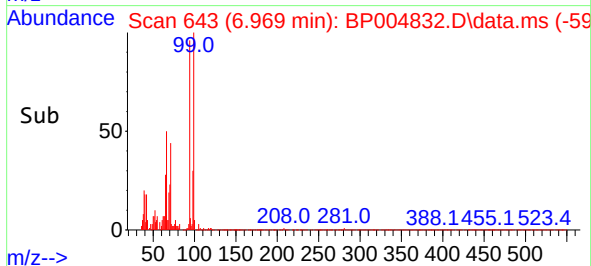
Instrument :
BNA_P
ClientSampleId :
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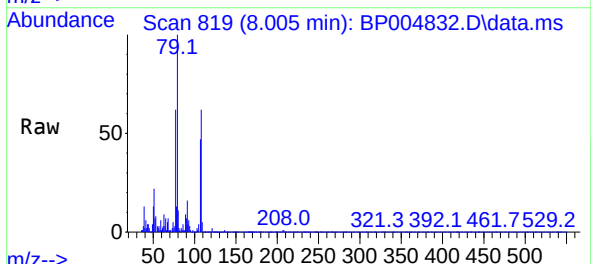
Tgt Ion: 94 Resp: 14210
Ion Ratio Lower Upper
94 100
65 29.4 2.3 42.3
66 51.8 10.9 50.9#

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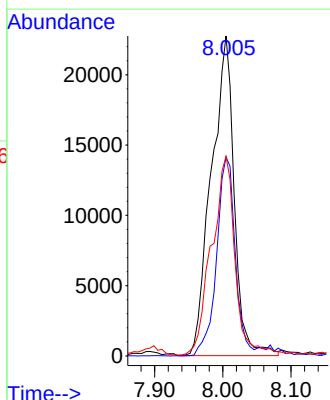
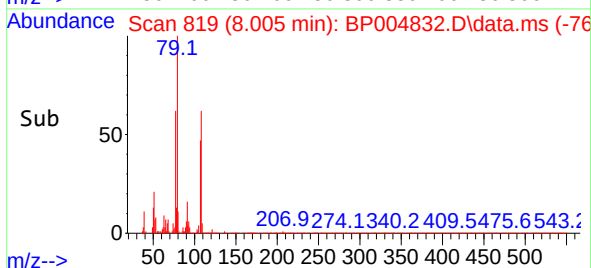
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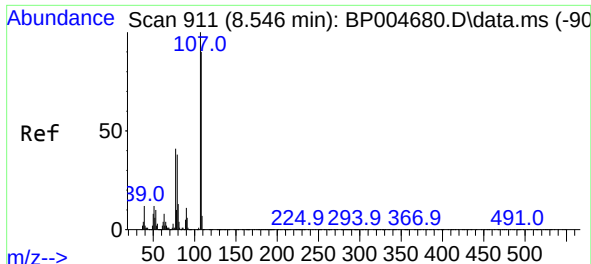


#15
Benzyl Alcohol
Concen: 12.78 ng
RT: 8.005 min Scan# 819
Delta R.T. 0.000 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56



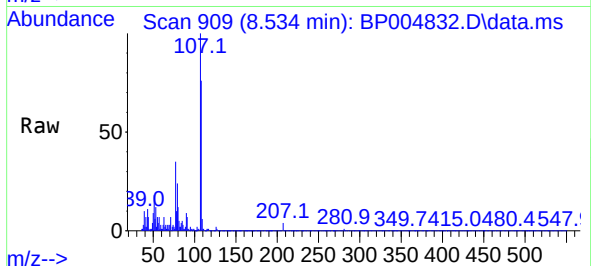
Tgt Ion: 79 Resp: 53198
Ion Ratio Lower Upper
79 100
108 62.2 73.5 110.3#
77 62.3 50.3 75.5





#20
3+4-Methylphenols
Concen: 3.08 ng
RT: 8.534 min Scan# 909
Delta R.T. -0.005 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

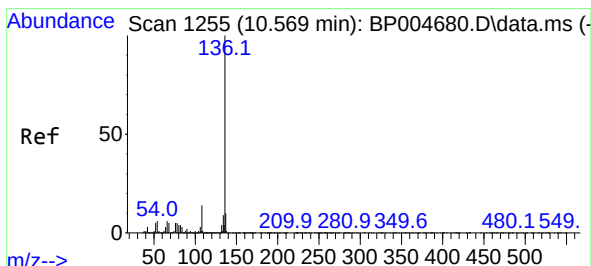
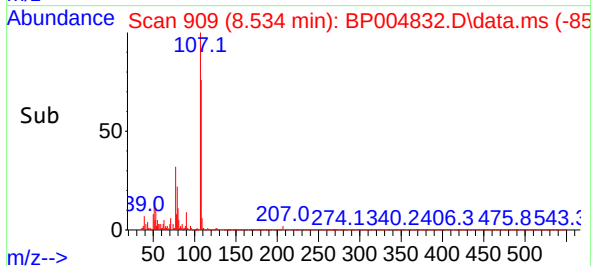
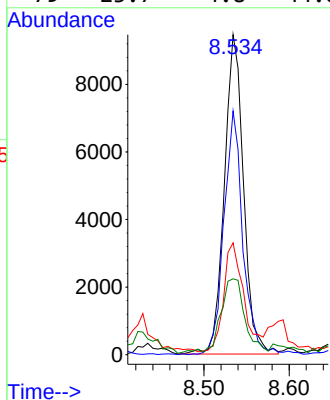
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:	107	Resp:	14834
Ion	Ratio	Lower	Upper
107	100		
108	76.1	69.0	109.0
77	35.0	8.5	48.5
79	23.7	4.8	44.8

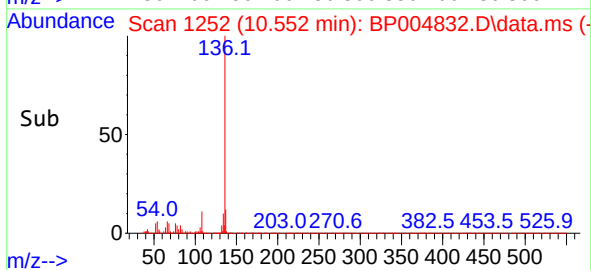
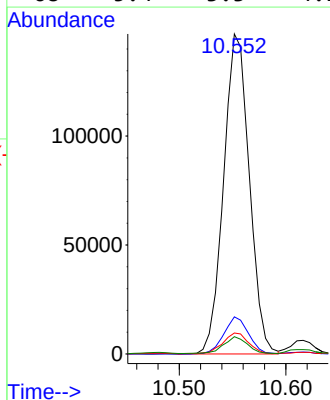
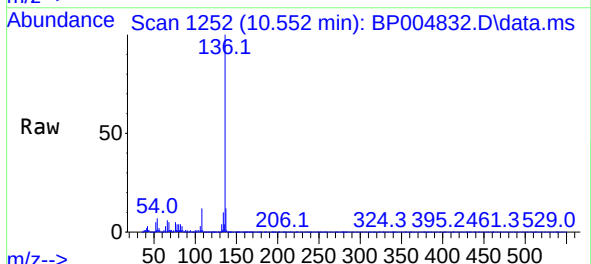
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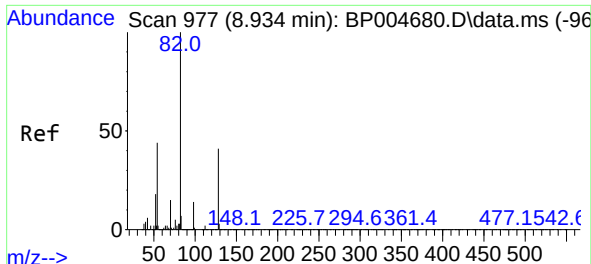
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.552 min Scan# 1252
Delta R.T. -0.005 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion:	136	Resp:	246056
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	6.6	3.6	5.4#
68	5.4	3.3	4.9#





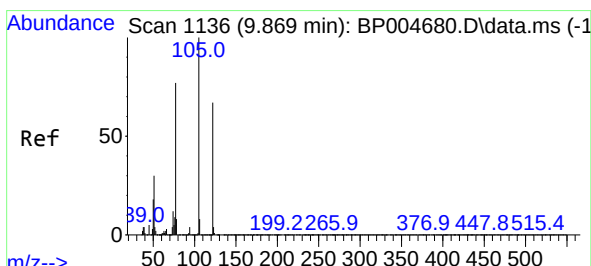
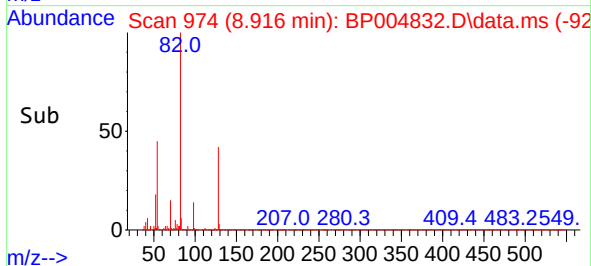
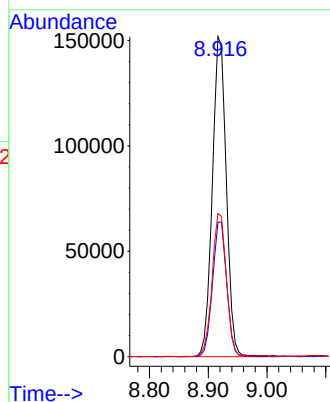
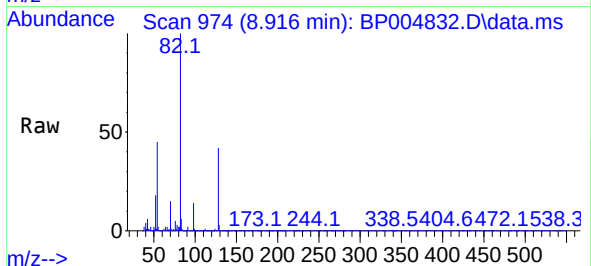
#23
Nitrobenzene-d5
Concen: 44.41 ng
RT: 8.916 min Scan# 974
Delta R.T. -0.005 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion: 82 Resp: 250784
Ion Ratio Lower Upper
82 100
128 42.0 45.6 68.4#
54 44.7 30.1 45.1

Instrument :
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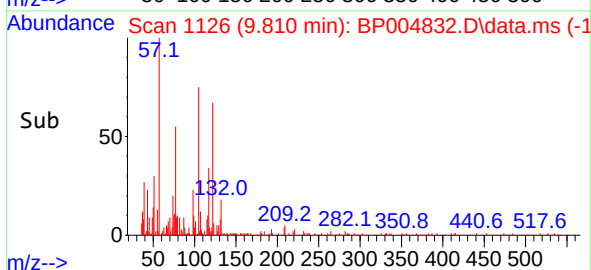
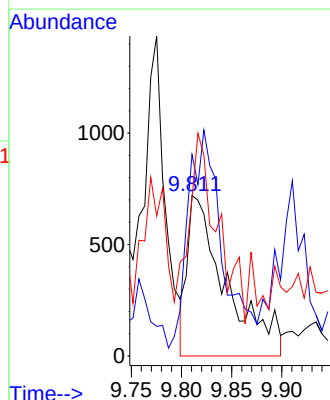
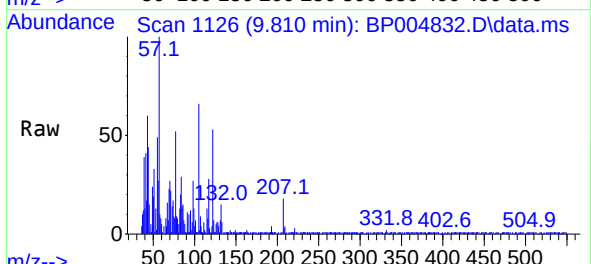
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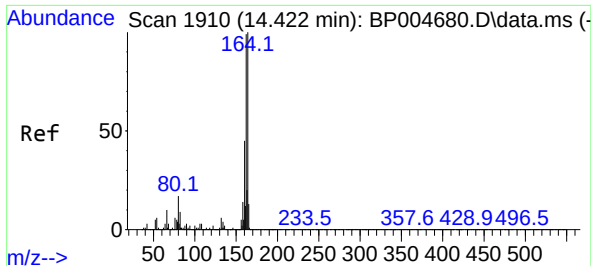
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#32
Benzoic acid
Concen: 7.42 ng m
RT: 9.810 min Scan# 1126
Delta R.T. -0.058 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

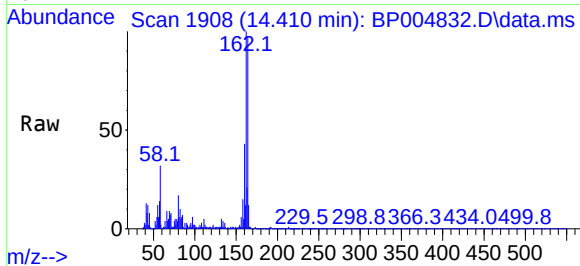
Tgt Ion: 122 Resp: 1927
Ion Ratio Lower Upper
122 100
105 125.4 94.1 134.1
77 98.3 50.1 90.1#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.410 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

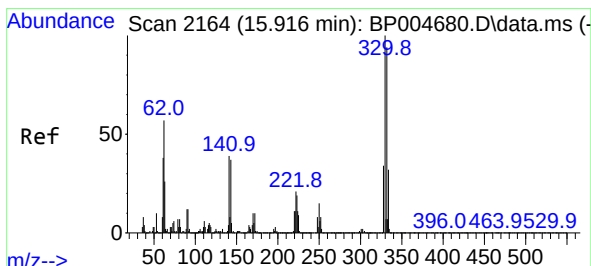
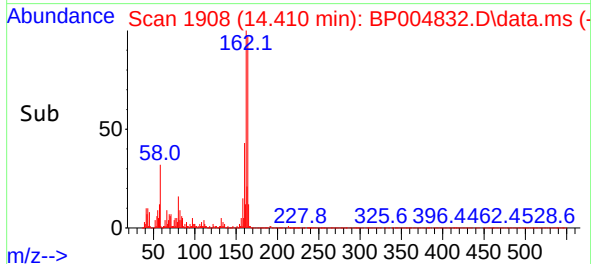
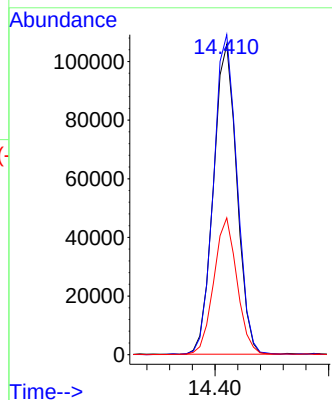
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ClientSampleId :
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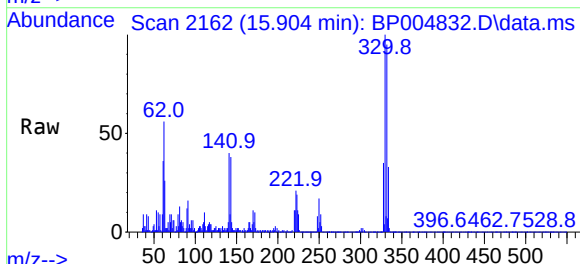
Tgt Ion:164 Resp: 151294
Ion Ratio Lower Upper
164 100
162 103.2 79.4 119.2
160 44.1 36.1 54.1

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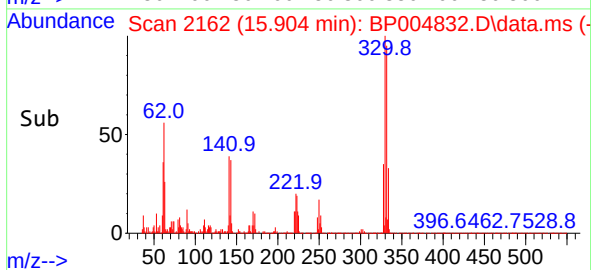
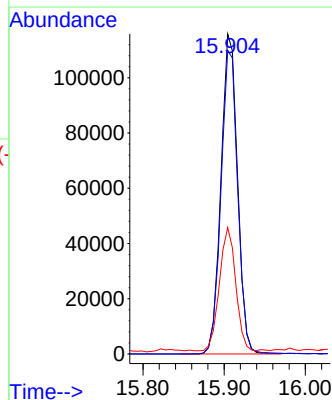
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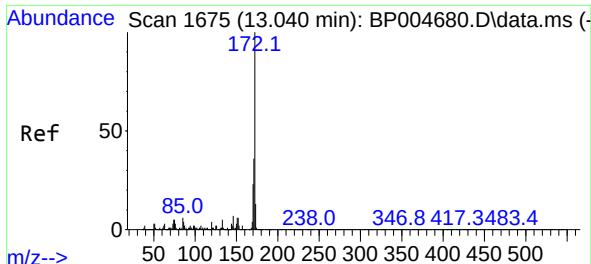


#42
2,4,6-Tribromophenol
Concen: 81.86 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.005 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56



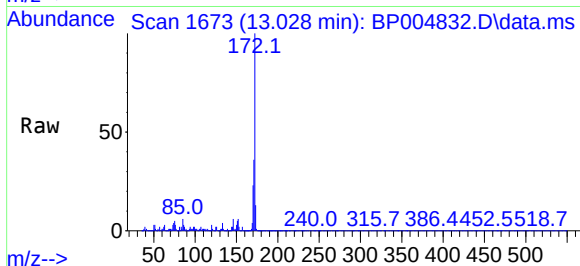
Tgt Ion:330 Resp: 164551
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 37.7 23.4 35.2#





#45
2-Fluorobiphenyl
Concen: 44.37 ng
RT: 13.028 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

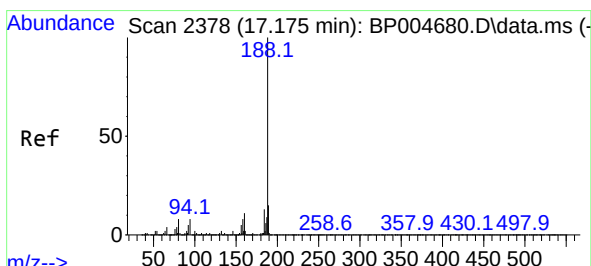
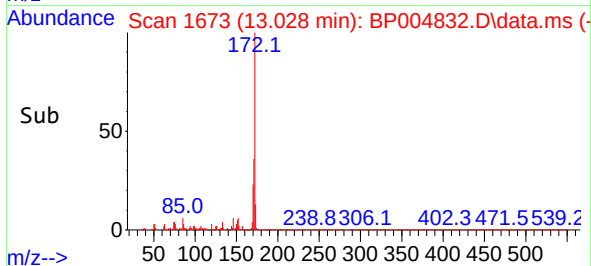
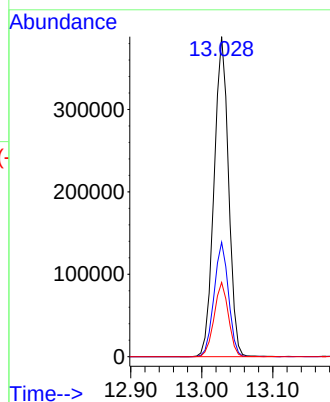
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:172 Resp: 549251
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.2 19.2 28.8

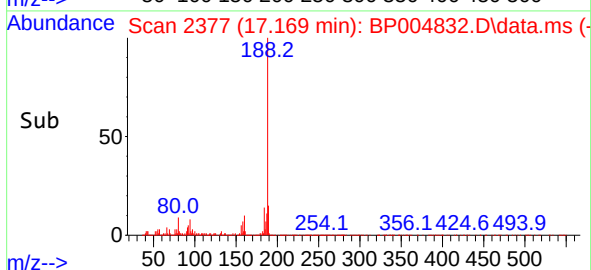
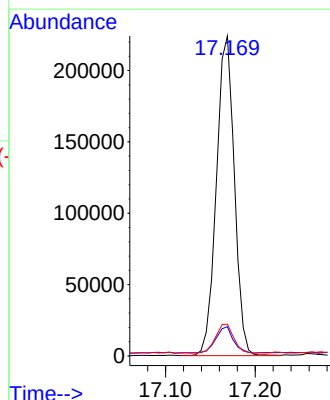
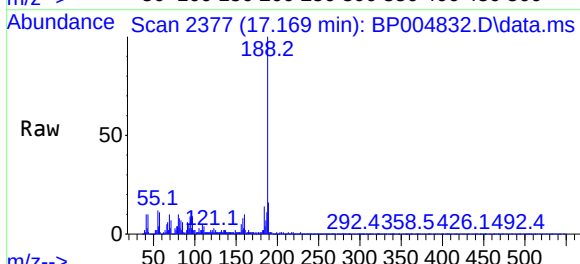
Manual Integrations
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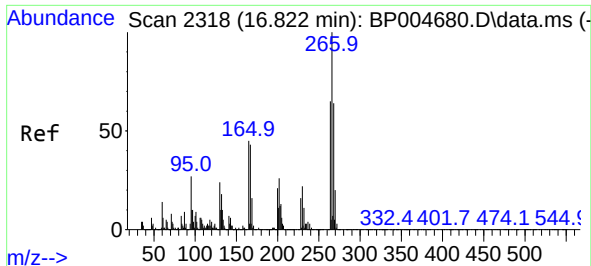
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.169 min Scan# 2377
Delta R.T. 0.006 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

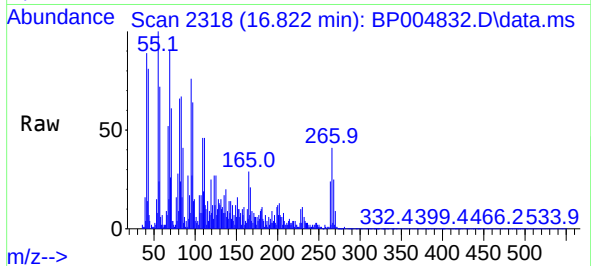
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Ion Ratio Lower Upper
188 100
94 9.2 6.2 9.2
80 9.9 6.2 9.2#





#70
Pentachlorophenol
Concen: 5.52 ng
RT: 16.822 min Scan# 2318
Delta R.T. 0.006 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

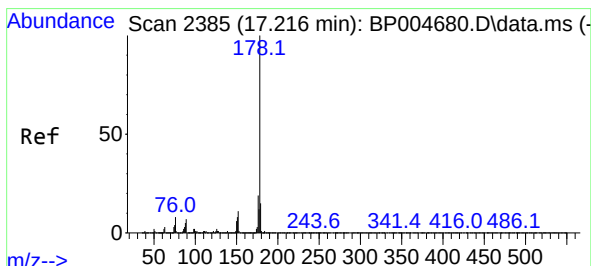
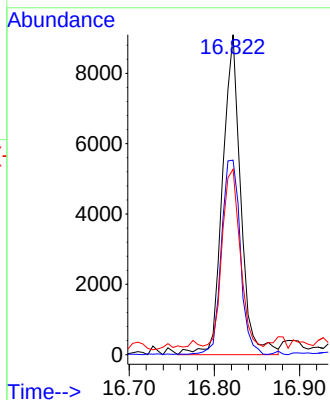
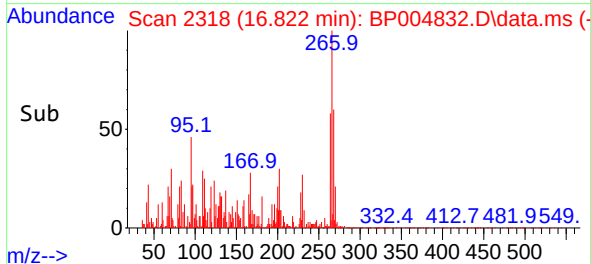
Instrument :
BNA_P
ClientSampleId :
SLUDGE-COMP



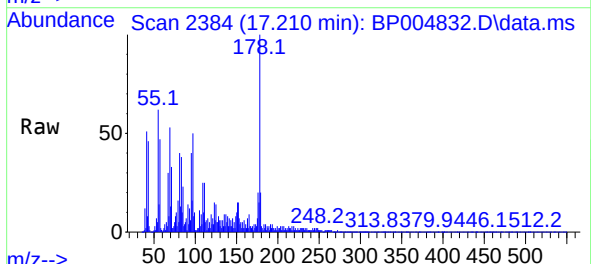
Tgt Ion:266 Resp: 13517
Ion Ratio Lower Upper
266 100
268 60.8 51.1 76.7
264 62.4 50.6 76.0

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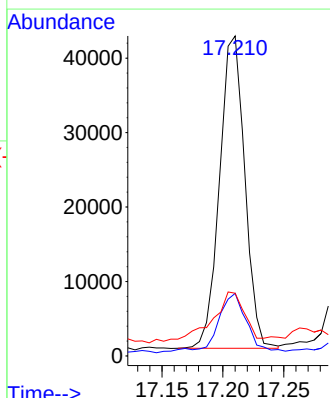
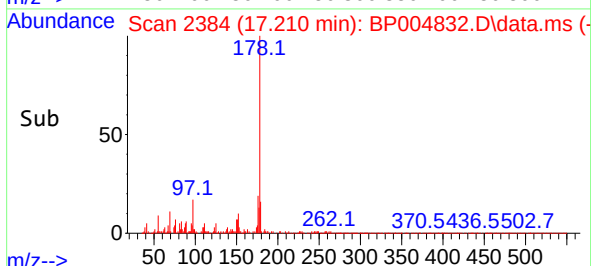
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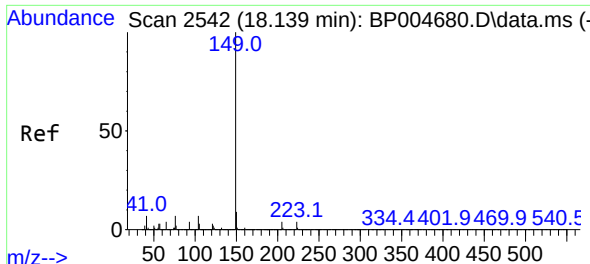


#71
Phenanthrene
Concen: 3.17 ng
RT: 17.210 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56



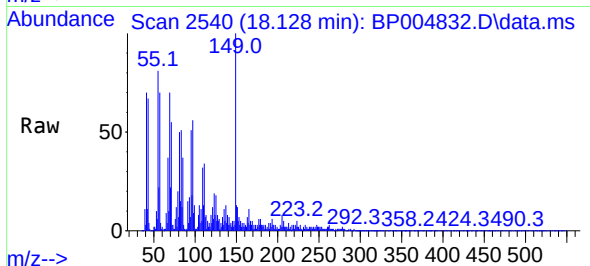
Tgt Ion:178 Resp: 60469
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 19.6 12.5 18.7#





#74
Di-n-butylphthalate
Concen: 3.63 ng
RT: 18.128 min Scan# 2540
Delta R.T. 0.000 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

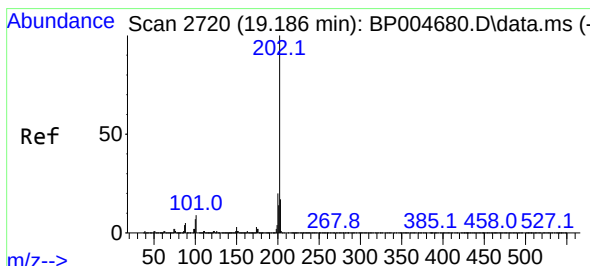
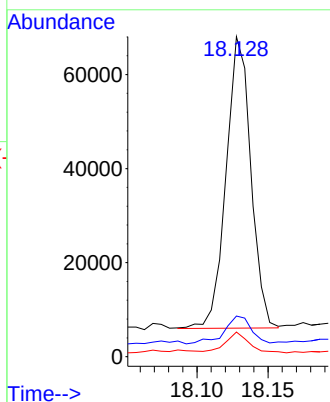
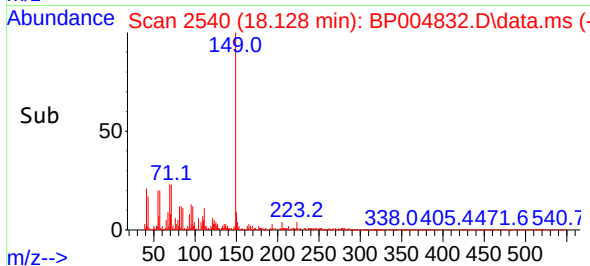
Instrument :
BNA_P
ClientSampleId :
SLUDGE-COMP



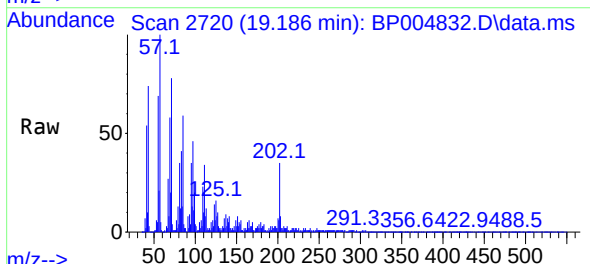
Tgt Ion:149 Resp: 75043
Ion Ratio Lower Upper
149 100
150 12.7 7.3 10.9#
104 7.7 3.4 5.0#

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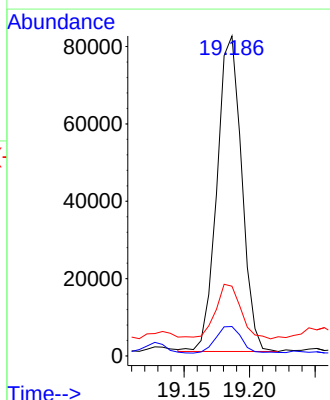
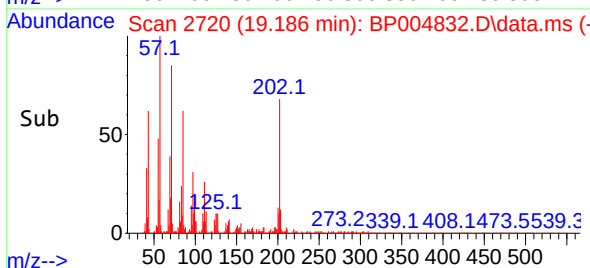
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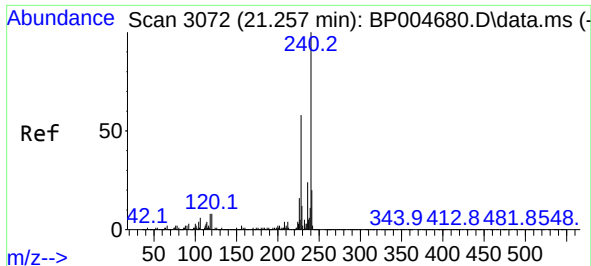


#75
Fluoranthene
Concen: 4.70 ng
RT: 19.186 min Scan# 2720
Delta R.T. 0.006 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56



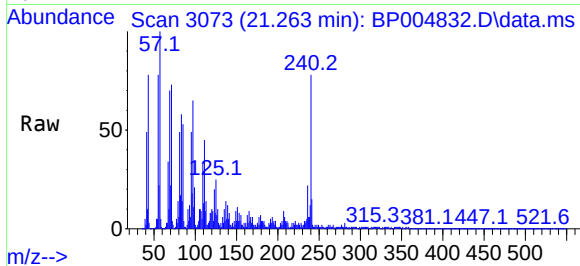
Tgt Ion:202 Resp: 106827
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.4
203 21.8 0.0 37.8





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.263 min Scan# 3073
Delta R.T. 0.012 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

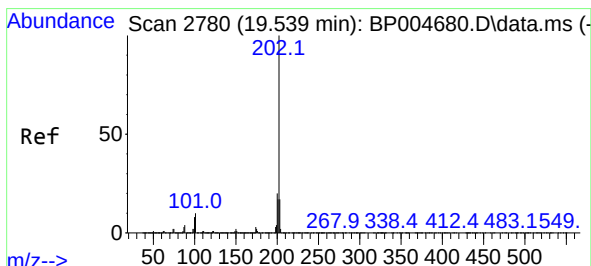
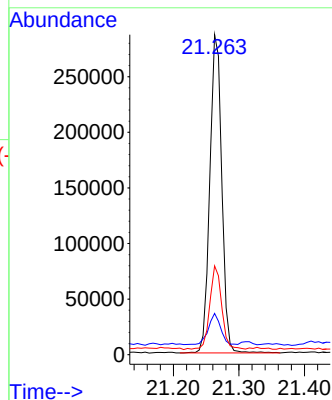
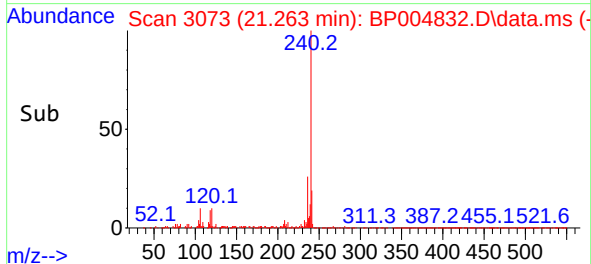
Instrument :
BNA_P
ClientSampleId :
SLUDGE-COMP



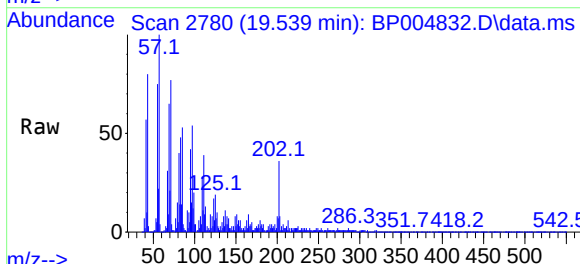
Tgt Ion:240 Resp: 363175
Ion Ratio Lower Upper
240 100
120 12.9 7.8 11.6#
236 27.7 20.8 31.2

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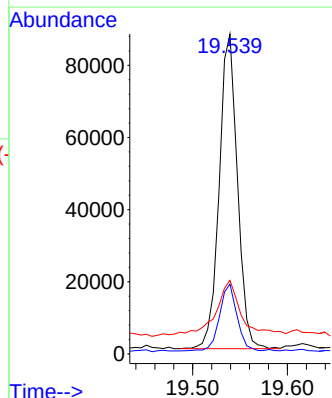
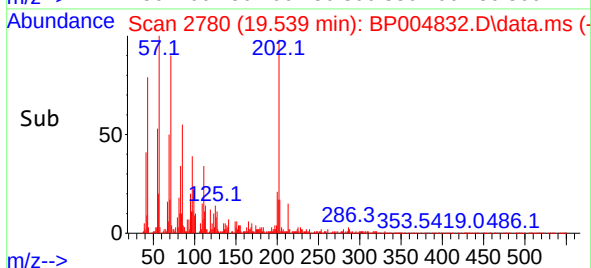
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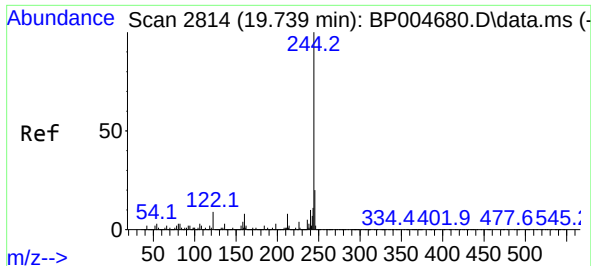


#78
Pyrene
Concen: 4.56 ng
RT: 19.539 min Scan# 2780
Delta R.T. 0.006 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56



Tgt Ion:202 Resp: 116796
Ion Ratio Lower Upper
202 100
200 21.9 17.1 25.7
203 23.0 14.2 21.2#





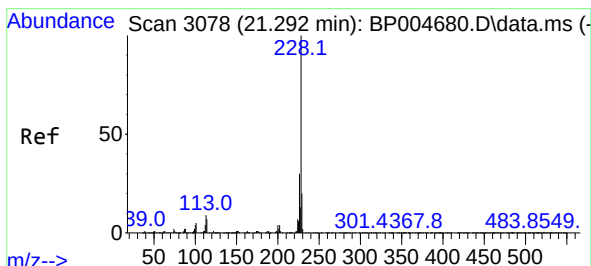
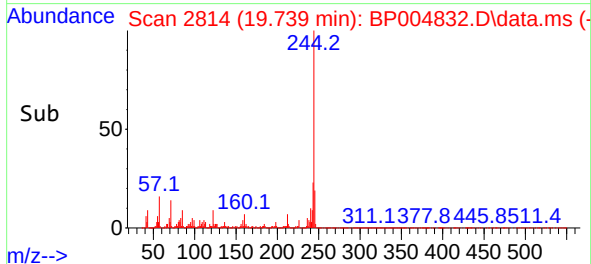
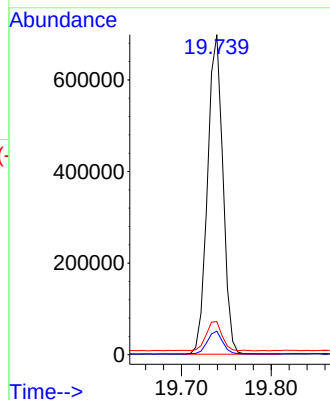
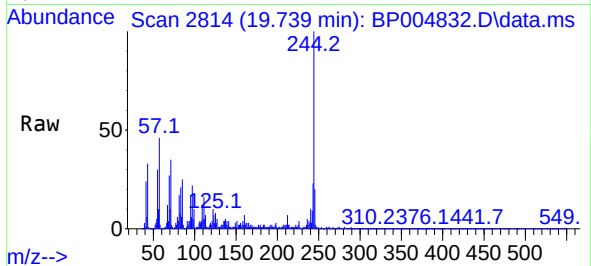
#79
 Terphenyl-d14
 Concen: 38.45 ng
 RT: 19.739 min Scan# 2814
 Delta R.T. 0.006 min
 Lab File: BP004832.D
 Acq: 19 Feb 2021 20:56

Tgt Ion:	244	Resp:	831277
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.8	8.6
122	10.3	7.8	11.8

Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-COMP

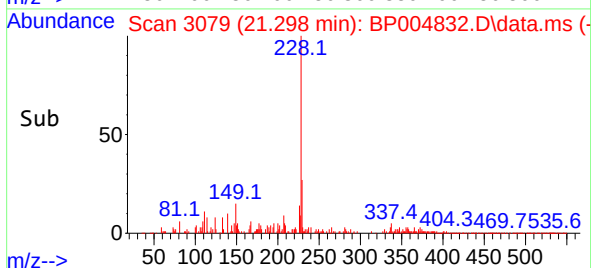
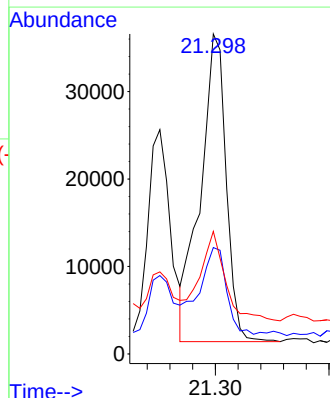
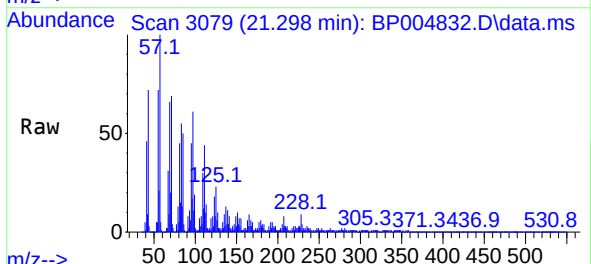
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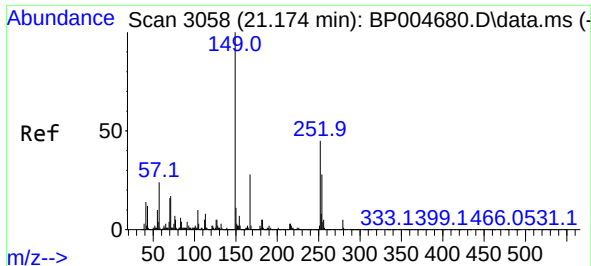
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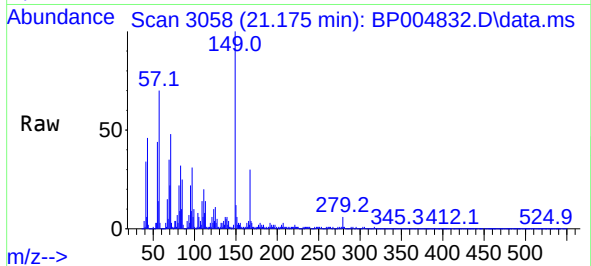
#83
 Chrysene
 Concen: 2.22 ng
 RT: 21.298 min Scan# 3079
 Delta R.T. 0.012 min
 Lab File: BP004832.D
 Acq: 19 Feb 2021 20:56

Tgt Ion:	228	Resp:	55450
Ion Ratio	Lower	Upper	
228	100		
226	33.3	24.4	36.6
229	38.3	15.8	23.6

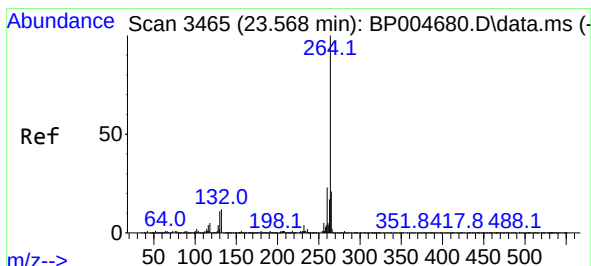
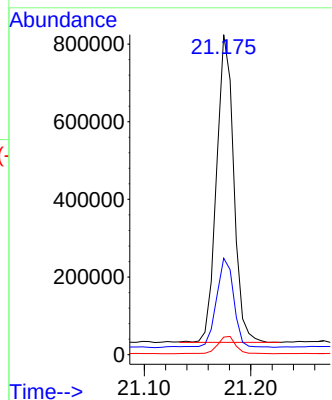
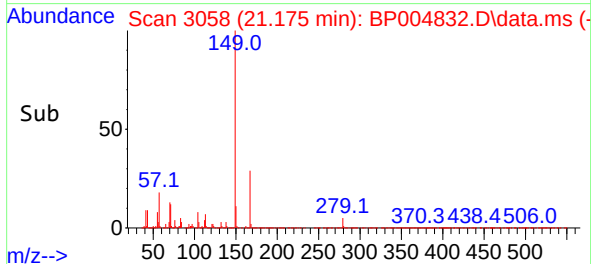




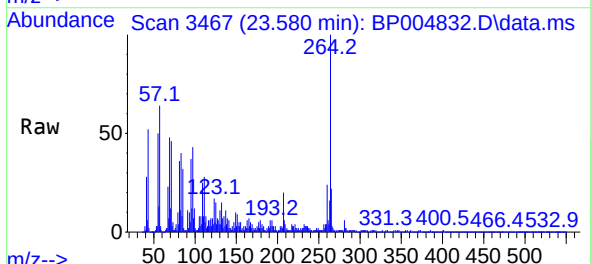
#84
Bis(2-ethylhexyl)phthalate
Concen: 58.17 ng
RT: 21.175 min Scan# 3058
Delta R.T. 0.012 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56



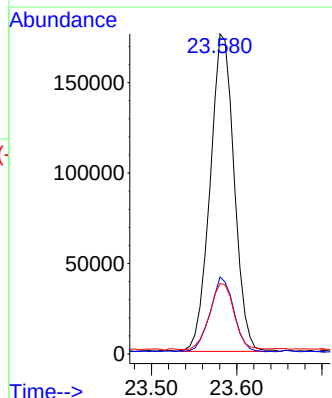
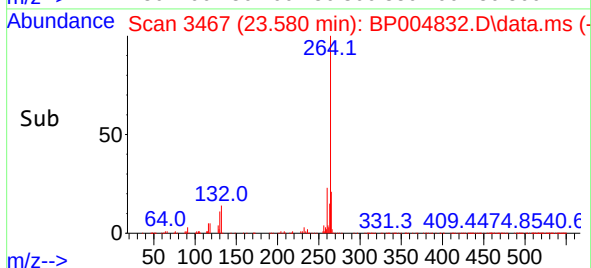
Tgt Ion:149 Resp: 883758
Ion Ratio Lower Upper
149 100
167 30.2 22.6 34.0
279 5.5 4.2 6.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.580 min Scan# 3467
Delta R.T. 0.024 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56



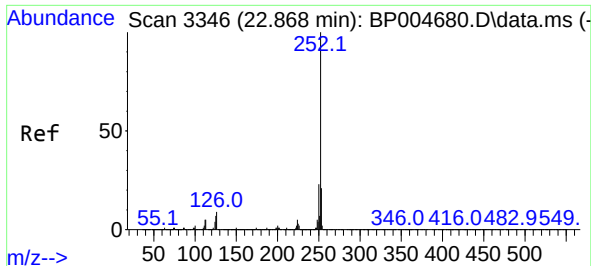
Tgt Ion:264 Resp: 343563
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 22.0 17.4 26.2



Instrument :
BNA_P
ClientSampleId :
SLUDGE-COMP

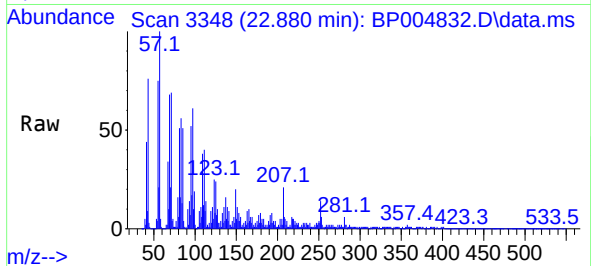
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#88
Benzo(b)fluoranthene
Concen: 2.04 ng
RT: 22.880 min Scan# 3348
Delta R.T. 0.024 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Instrument :
BNA_P
ClientSampleId :
SLUDGE-COMP



Tgt Ion:252 Resp: 51232
Ion Ratio Lower Upper
252 100
253 41.8 17.6 26.4#
125 169.1 7.3 10.9#

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