

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
 Data File : BP005556.D
 Acq On : 14 May 2021 19:16
 Operator : CG/JU
 Sample : M2389-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BURNETT-AVE-4-6

Manual Integrations
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mohammad
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Quant Time: May 14 22:56:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 12:01:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	13368	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	39234	20.00	ng	# 0.00
39) Acenaphthene-d10	14.328	164	30425	20.00	ng	0.00
64) Phenanthrene-d10	17.086	188	71450	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	96923	20.00	ng	# 0.00
86) Perylene-d12	23.492	264	118753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	72552	104.16	ng	0.00
7) Phenol-d6	6.875	99	82606	95.10	ng	0.00
23) Nitrobenzene-d5	8.846	82	69424	69.65	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	77251	89.48	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	170134	63.08	ng	0.00
79) Terphenyl-d14	19.663	244	355983	62.37	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.804	163	18570	7.07	ng	# 98
71) Phenanthrene	17.128	178	12599m	3.10	ng	
75) Fluoranthene	19.110	202	27187	4.87	ng	99
78) Pyrene	19.463	202	22588	4.12	ng	98
81) Benzo(a)anthracene	21.168	228	15153	2.41	ng	95
88) Benzo(b)fluoranthene	22.792	252	18413	2.33	ng	# 85

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

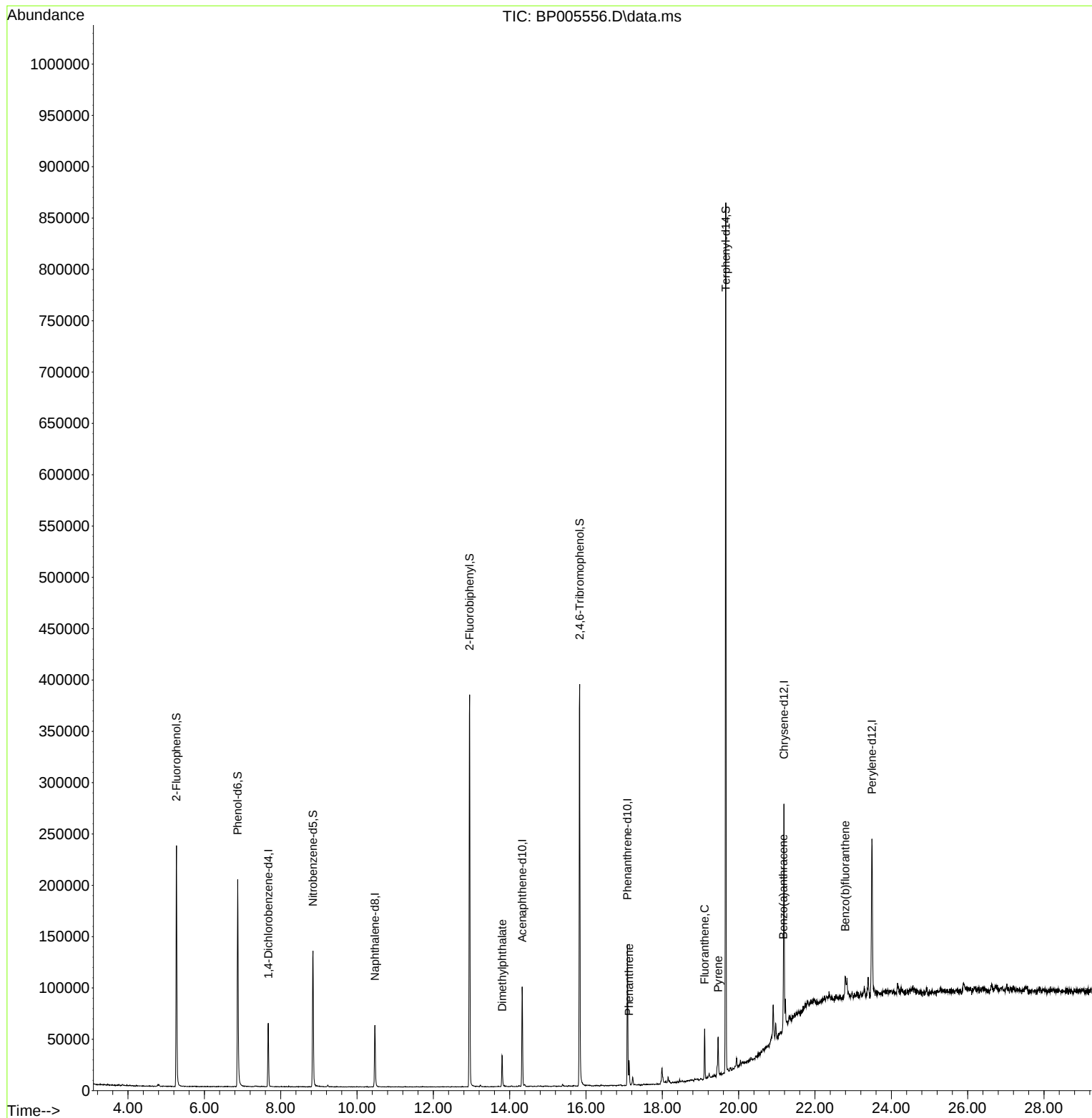
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Data File : BP005556.D
Acq On : 14 May 2021 19:16
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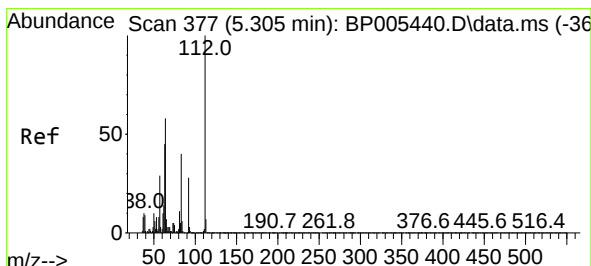
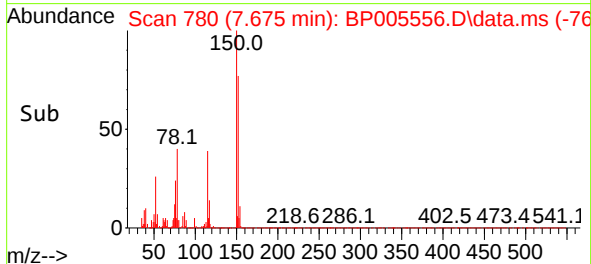
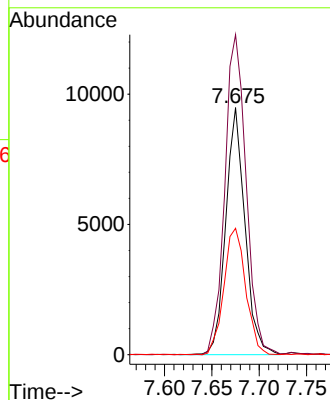
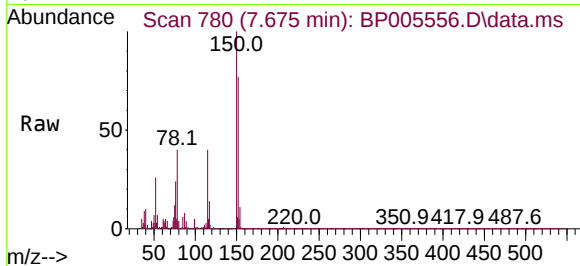
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

Tgt Ion	Ratio	Lower	Upper
152	100		
150	129.5	119.8	179.8
115	51.2	49.0	73.4

Instrument :
BNA_P
ClientSampleId :
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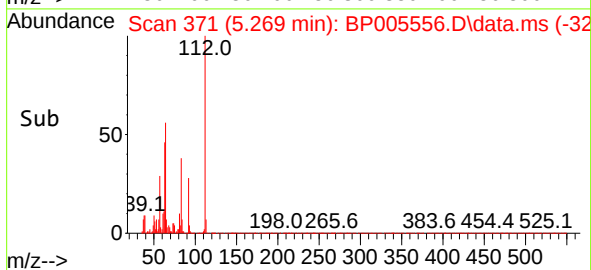
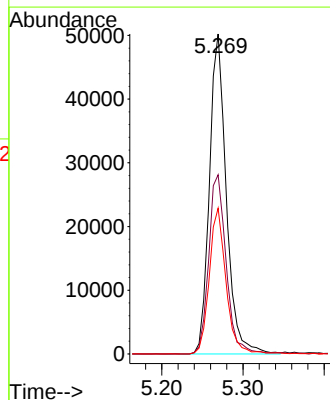
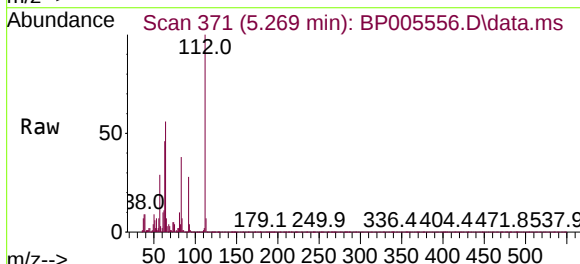
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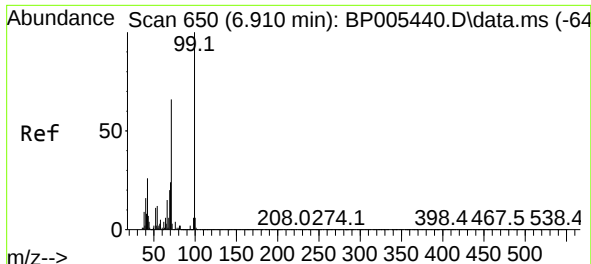
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#5
2-Fluorophenol
Concen: 104.16 ng
RT: 5.269 min Scan# 371
Delta R.T. -0.000 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

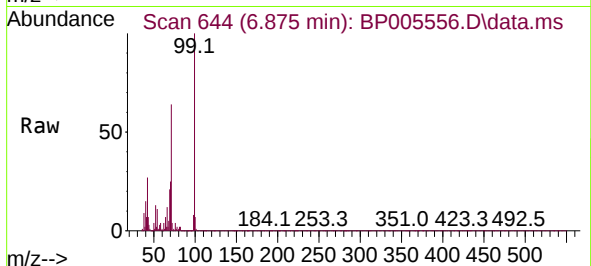
Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	33.6	50.4#
63	45.5	18.6	27.8#





#7
Phenol-d6
Concen: 95.10 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

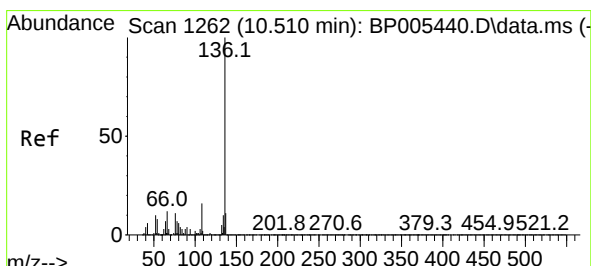
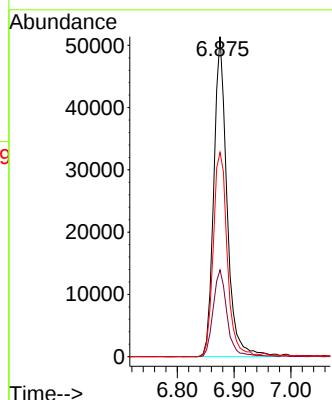
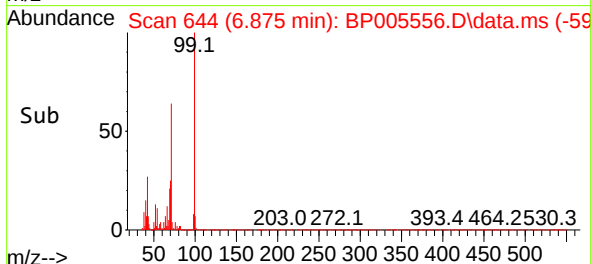
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ClientSampleId :
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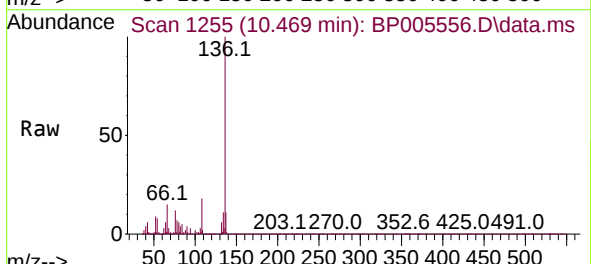
Tgt Ion	Ratio	Lower	Upper
99	100		
42	27.1	12.9	19.3#
71	63.8	26.7	40.1#

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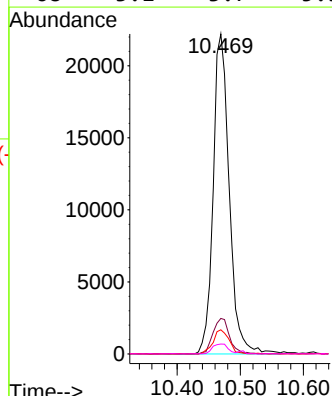
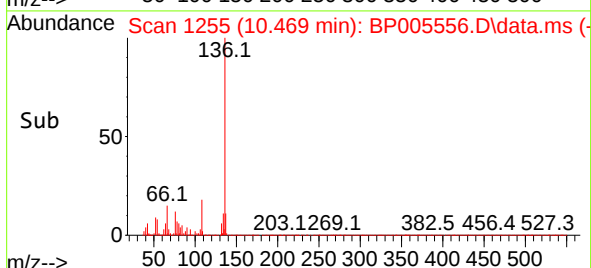
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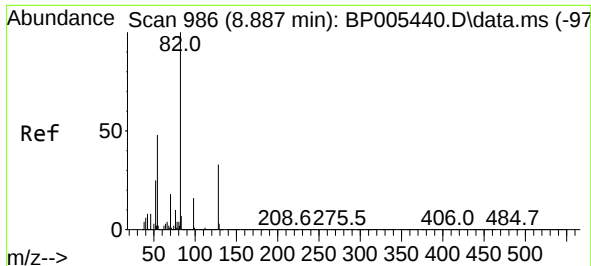


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16



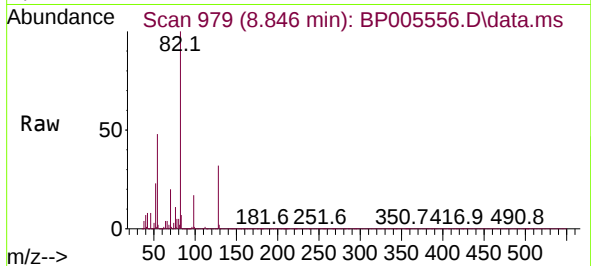
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.6	5.0	7.4#
68	3.1	3.7	5.5#





#23
Nitrobenzene-d5
Concen: 69.65 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

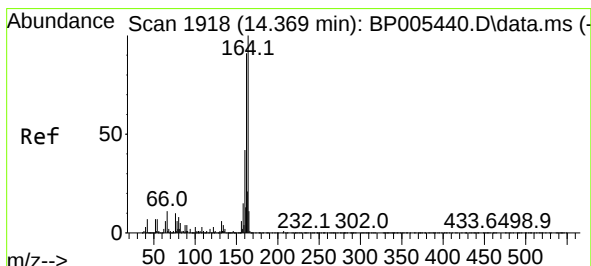
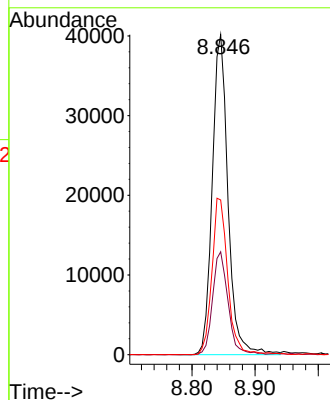
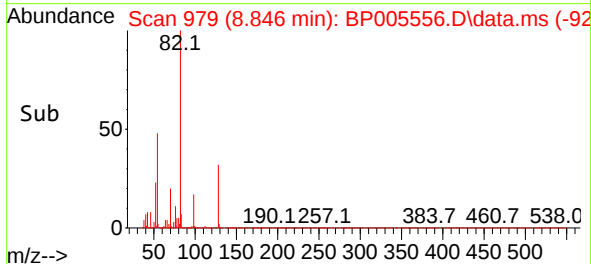
Instrument :
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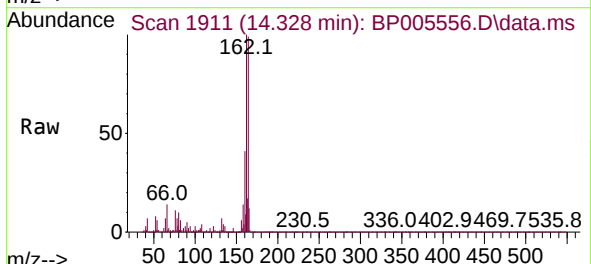
Tgt Ion: 82 Resp: 69424
Ion Ratio Lower Upper
82 100
128 32.1 30.5 45.7
54 48.3 33.9 50.9

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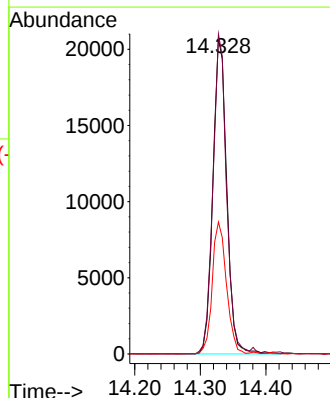
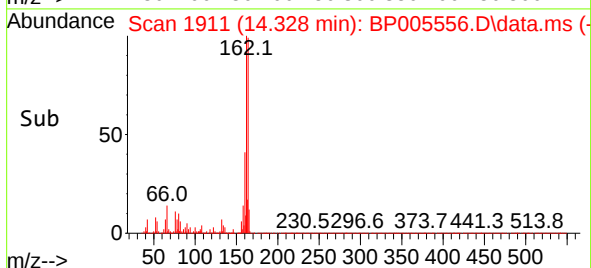
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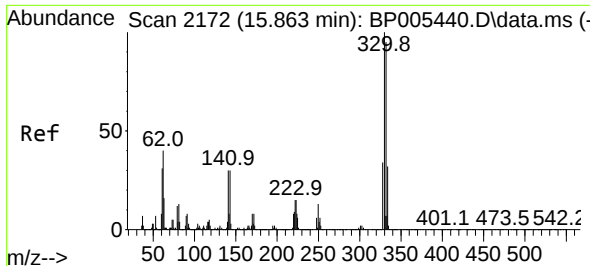


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16



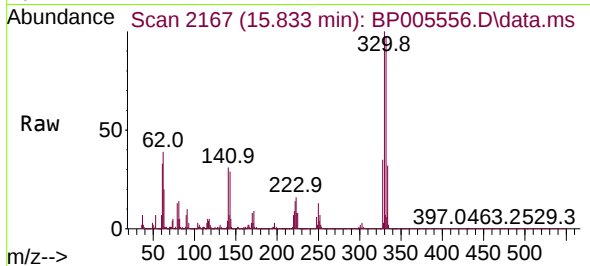
Tgt Ion: 164 Resp: 30425
Ion Ratio Lower Upper
164 100
162 101.4 73.5 110.3
160 41.8 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 89.48 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

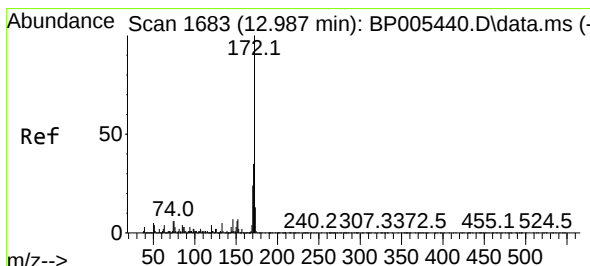
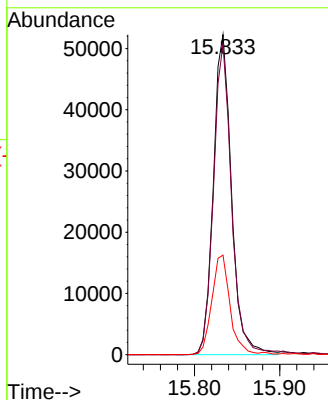
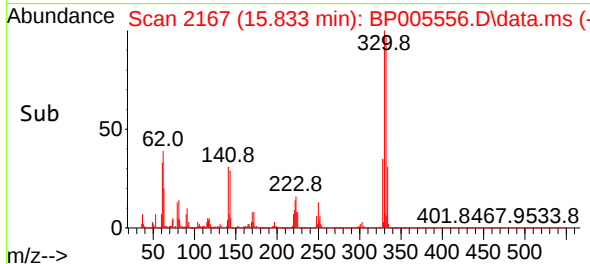
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ClientSampleId :
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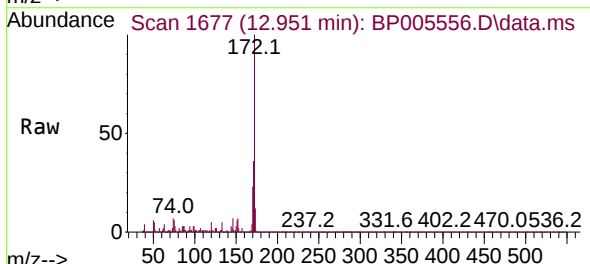
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.3	114.5
141	31.6	22.8	34.2

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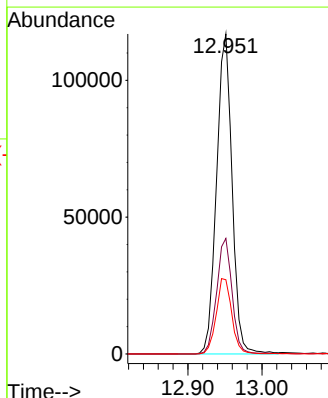
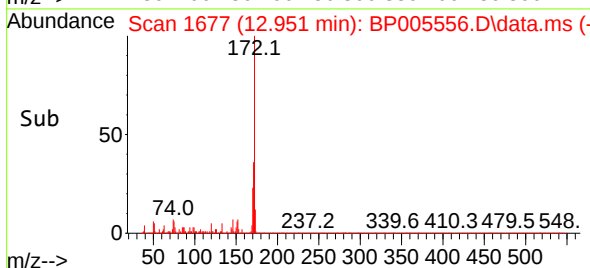
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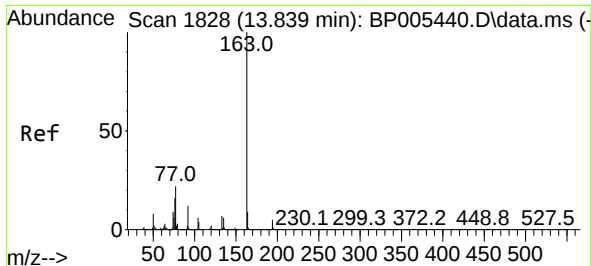


#45
2-Fluorobiphenyl
Concen: 63.08 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16



Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.1	42.1
170	23.2	19.6	29.4





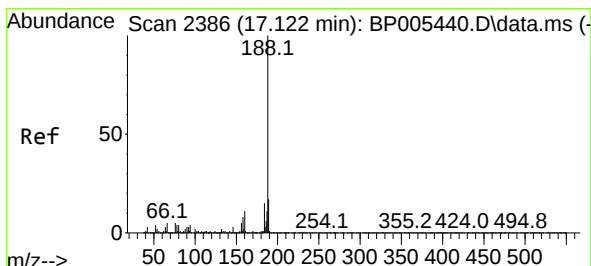
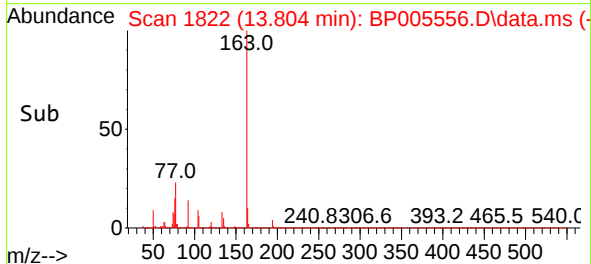
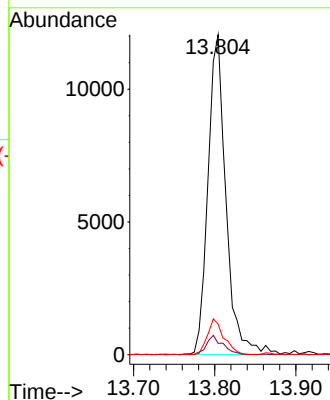
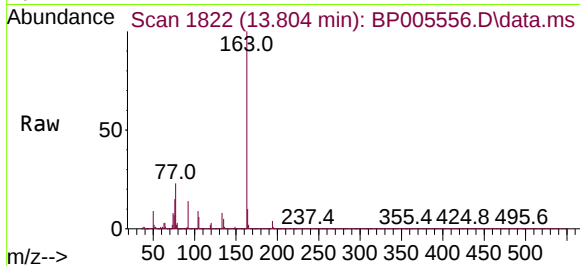
#50
Dimethylphthalate
Concen: 7.07 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

Tgt Ion:163 Resp: 18570
Ion Ratio Lower Upper
163 100
194 3.6 3.9 5.9#
164 9.6 8.1 12.1

Instrument :
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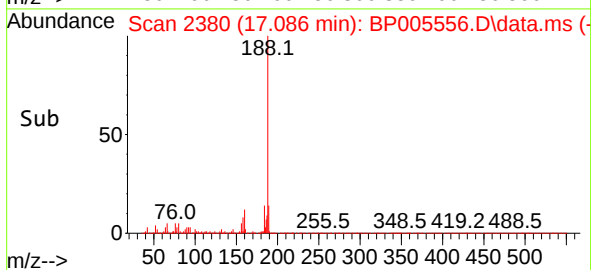
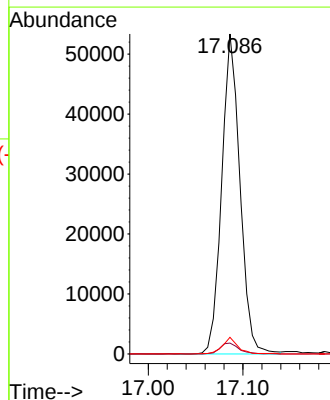
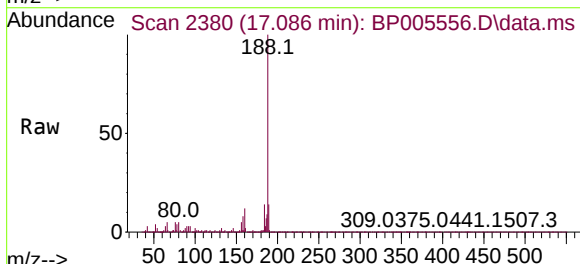
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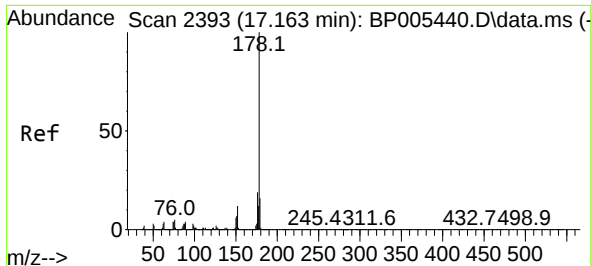
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.000 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

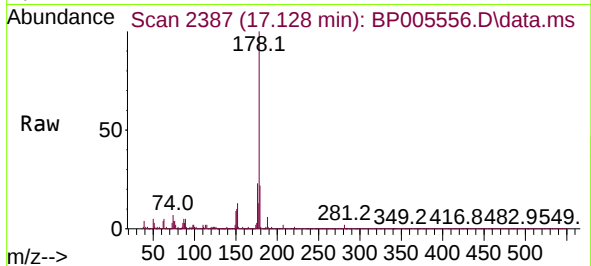
Tgt Ion:188 Resp: 71450
Ion Ratio Lower Upper
188 100
94 3.4 5.0 7.6#
80 5.2 5.9 8.9#





#71
Phenanthrene
Concen: 3.10 ng m
RT: 17.128 min Scan# 2387
Delta R.T. -0.006 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

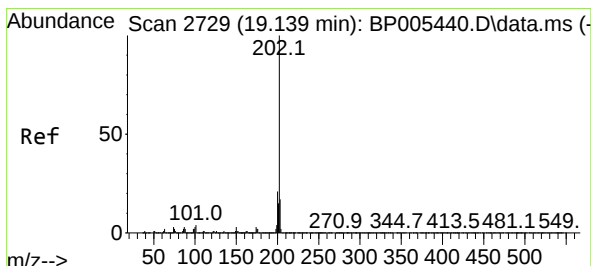
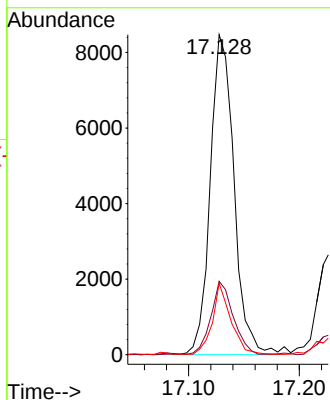
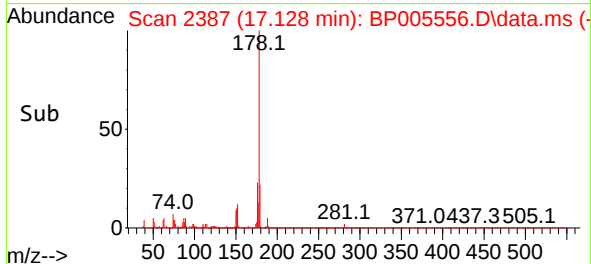
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BNA_P
ClientSampleId :
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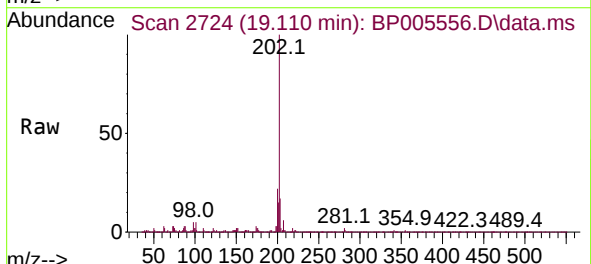
Tgt Ion:178 Resp: 12599
Ion Ratio Lower Upper
178 100
176 23.0 15.4 23.2
179 22.3 12.3 18.5#

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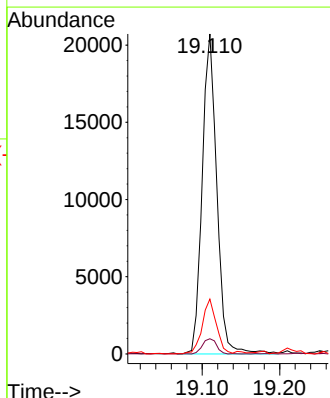
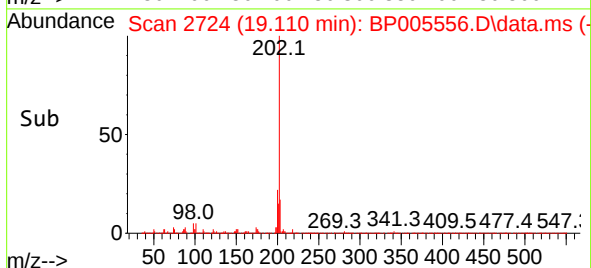
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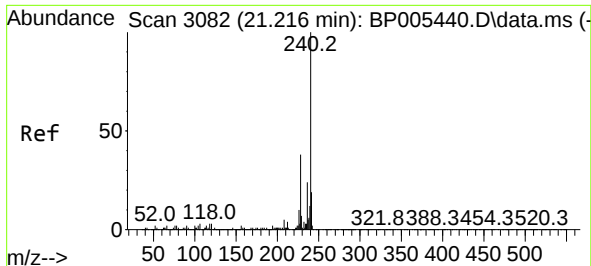


#75
Fluoranthene
Concen: 4.87 ng
RT: 19.110 min Scan# 2724
Delta R.T. -0.000 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16



Tgt Ion:202 Resp: 27187
Ion Ratio Lower Upper
202 100
101 4.7 0.0 26.1
203 17.2 0.0 37.2





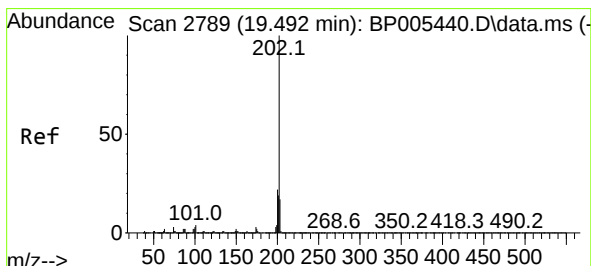
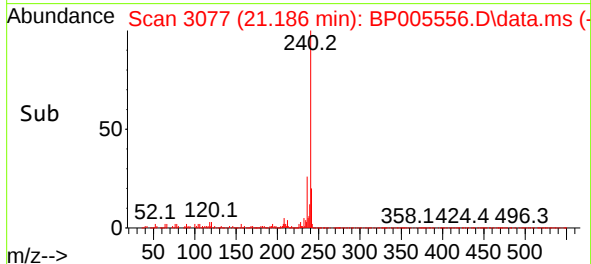
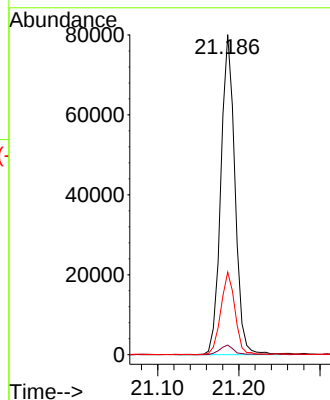
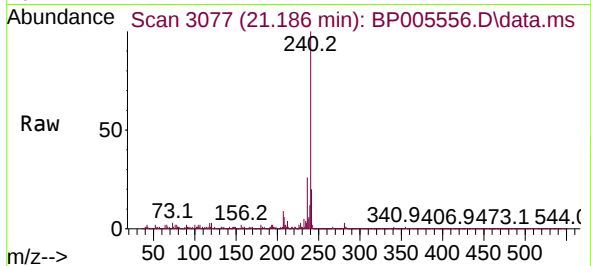
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

Tgt Ion: 240 Resp: 96923
Ion Ratio Lower Upper
240 100
120 3.0 4.2 6.2#
236 25.8 20.2 30.2

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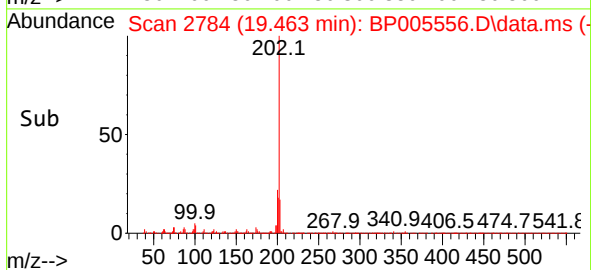
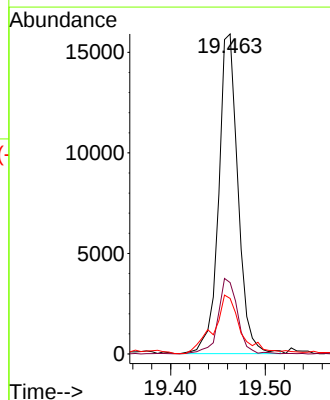
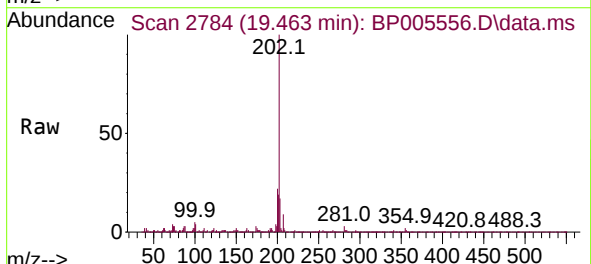
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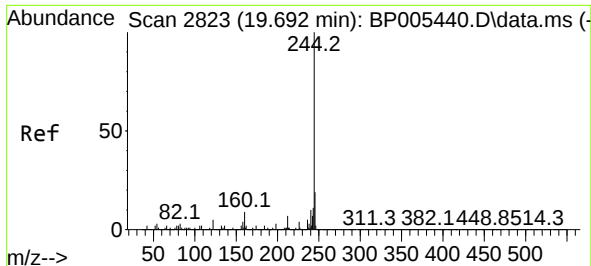
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#78
Pyrene
Concen: 4.12 ng
RT: 19.463 min Scan# 2784
Delta R.T. -0.000 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

Tgt Ion: 202 Resp: 22588
Ion Ratio Lower Upper
202 100
200 22.3 16.9 25.3
203 17.4 13.8 20.6





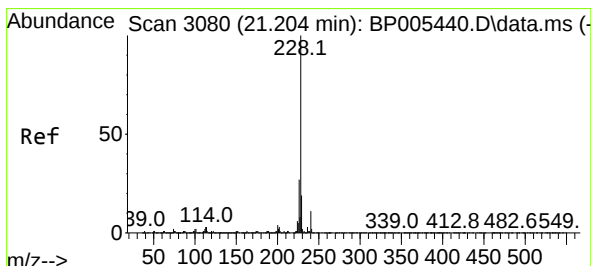
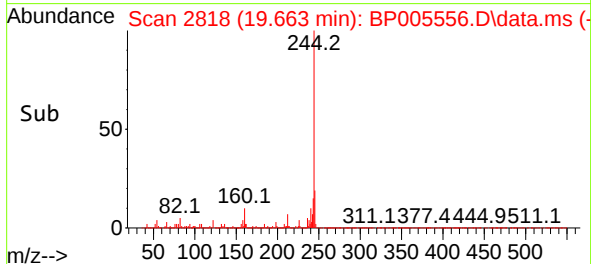
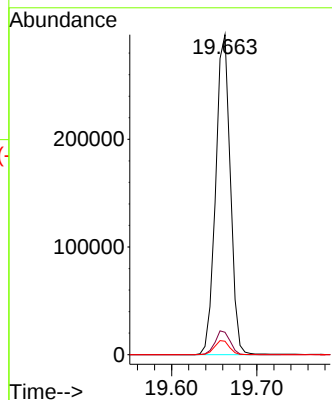
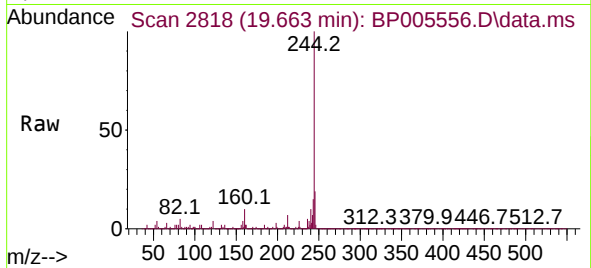
#79
Terphenyl-d14
Concen: 62.37 ng
RT: 19.663 min Scan# 2818
Delta R.T. -0.000 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

Tgt Ion:244 Resp: 355983
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 4.2 5.2 7.8#

Instrument :
BNA_P
ClientSampleId :
BURNETT-AVE-4-6

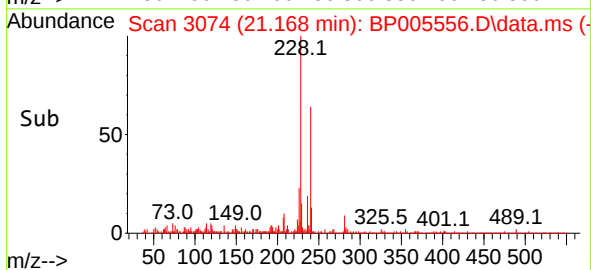
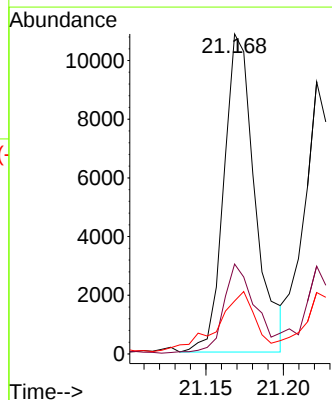
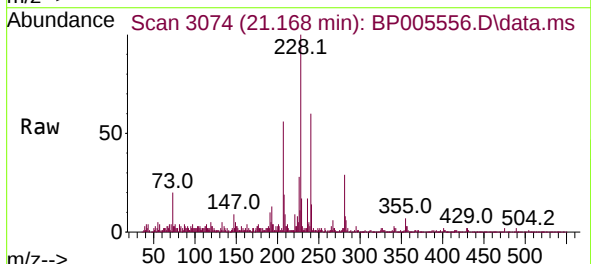
Manual Integrations
APPROVED

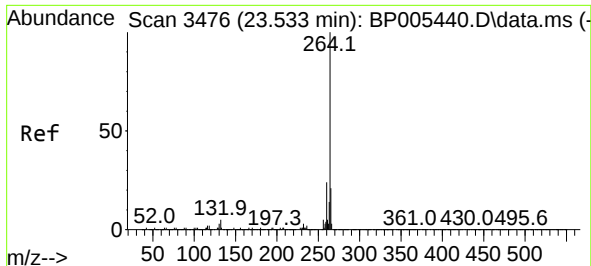
mohammad
5/17/2021 11:19:37 AM



#81
Benzo(a)anthracene
Concen: 2.41 ng
RT: 21.168 min Scan# 3074
Delta R.T. -0.006 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

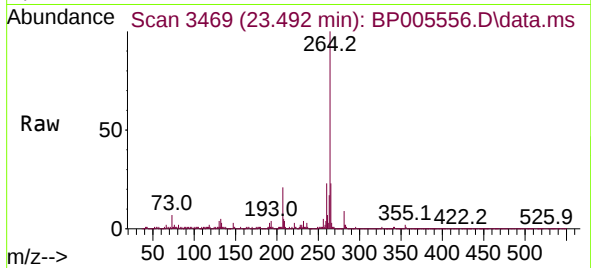
Tgt Ion:228 Resp: 15153
Ion Ratio Lower Upper
228 100
226 28.1 21.2 31.8
229 16.6 15.6 23.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.492 min Scan# 3469
 Delta R.T. -0.006 min
 Lab File: BP005556.D
 Acq: 14 May 2021 19:16

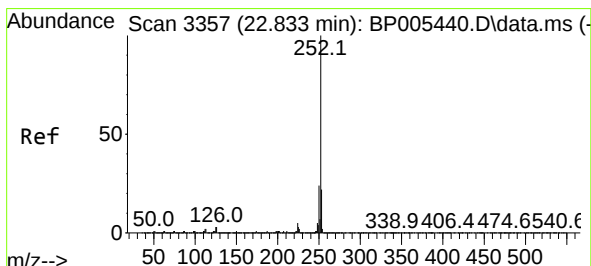
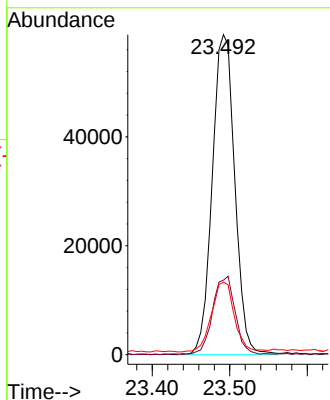
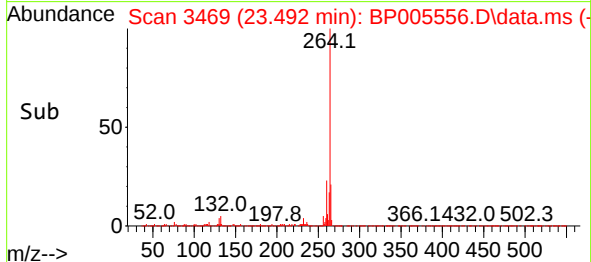
Instrument :
 BNA_P
 ClientSampleId :
 BURNETT-AVE-4-6



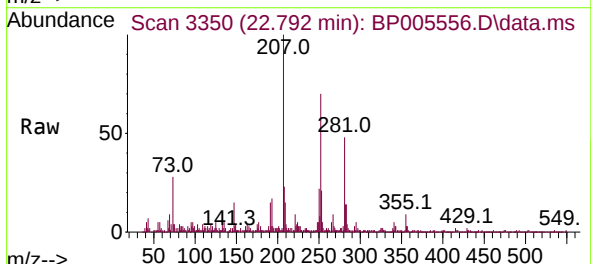
Tgt Ion:	264	Resp:	118753
Ion Ratio	Lower	Upper	
264	100		
260	23.3	20.6	30.8
265	22.7	19.0	28.6

Manual Integrations
 APPROVED

mohammad
 5/17/2021 11:19:37 AM



#88
 Benzo(b)fluoranthene
 Concen: 2.33 ng
 RT: 22.792 min Scan# 3350
 Delta R.T. -0.006 min
 Lab File: BP005556.D
 Acq: 14 May 2021 19:16



Tgt Ion:	252	Resp:	18413
Ion Ratio	Lower	Upper	
252	100		
253	29.6	18.2	27.2#
125	10.2	3.4	5.0#

