

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
 Data File : BP004048.D
 Acq On : 21 Nov 2020 20:56
 Operator : CG/JU
 Sample : L4857-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 340EM-STOCKPILE-EAST

Manual Integrations
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mohammad
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Quant Time: Nov 23 05:01:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 03:48:44 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.263	152	113008	20.00	ng	-0.03
21) Naphthalene-d8	11.093	136	435593	20.00	ng	#-0.04
39) Acenaphthene-d10	14.887	164	264125	20.00	ng	-0.02
64) Phenanthrene-d10	17.616	188	553543	20.00	ng	#-0.02
76) Chrysene-d12	21.651	240	521380	20.00	ng	0.00
86) Perylene-d12	24.121	264	556137	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	737765	108.96	ng	0.00
7) Phenol-d6	7.452	99	943229	97.04	ng	0.00
23) Nitrobenzene-d5	9.428	82	593822	66.77	ng	-0.03
42) 2,4,6-Tribromophenol	16.375	330	329711	99.81	ng	-0.01
45) 2-Fluorobiphenyl	13.510	172	1182251	62.58	ng	-0.02
79) Terphenyl-d14	20.116	244	1404811	52.05	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.475	94	38149	4.07	ng	# 62
31) Naphthalene	11.146	128	89817	3.84	ng	99
37) 2-Methylnaphthalene	12.734	142	53702	3.21	ng	98
49) Acenaphthylene	14.610	152	55517	2.25	ng	97
50) Dimethylphthalate	14.310	163	63349	3.07	ng	# 97
52) Acenaphthene	14.951	154	34395	2.09	ng	96
55) Dibenzofuran	15.281	168	53627	2.19	ng	99
58) Fluorene	15.928	166	56683	2.90	ng	98
71) Phenanthrene	17.663	178	860746	27.71	ng	99
72) Anthracene	17.751	178	218605	7.29	ng	99
73) Carbazole	18.004	167	91225	3.28	ng	99
75) Fluoranthene	19.598	202	1369144	38.20	ng	99
78) Pyrene	19.945	202	1179312	33.33	ng	98
81) Benzo(a)anthracene	21.633	228	617055	17.95	ng	98
83) Chrysene	21.692	228	591899	17.92	ng	97
87) Indeno(1,2,3-cd)pyrene	26.663	276	371438	9.26	ng	# 94
88) Benzo(b)fluoranthene	23.369	252	726609m	19.97	ng	
89) Benzo(k)fluoranthene	23.410	252	276129m	7.68	ng	
90) Benzo(a)pyrene	24.010	252	528883	15.70	ng	97
91) Dibenzo(a,h)anthracene	26.645	278	93208	2.79	ng	94
92) Benzo(g,h,i)perylene	27.451	276	369185	11.41	ng	98

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

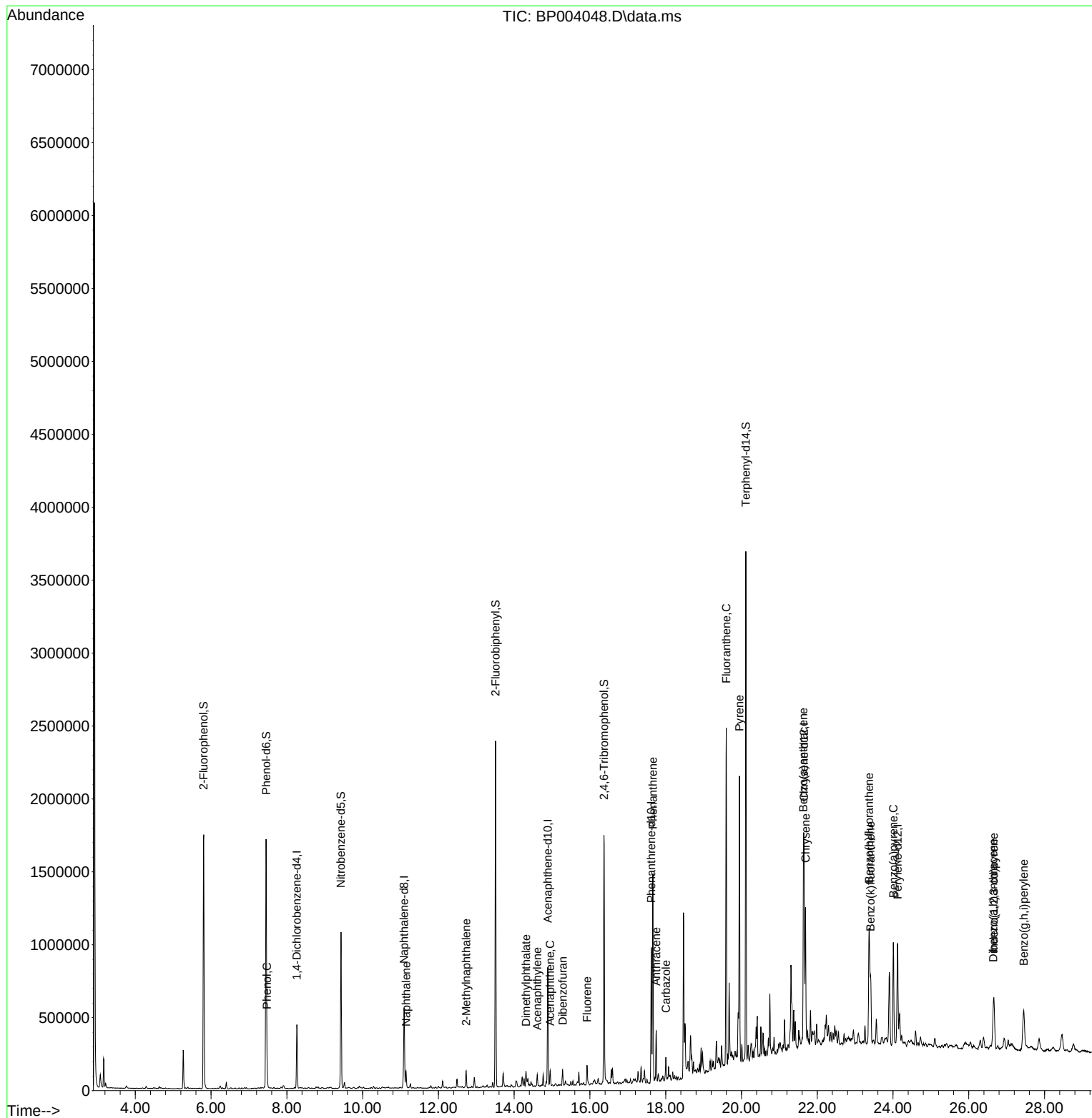
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
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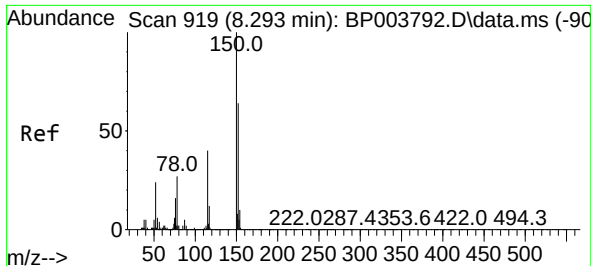
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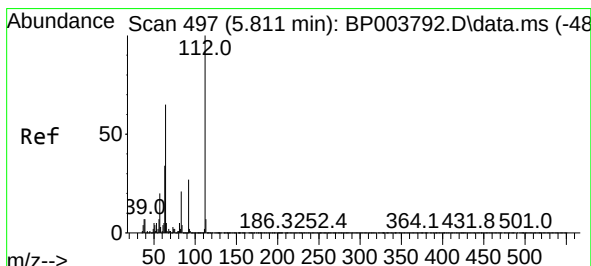
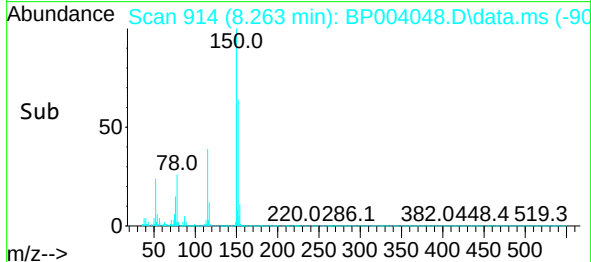
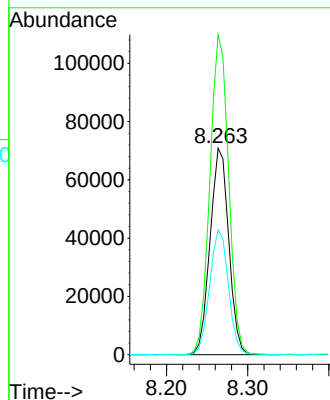
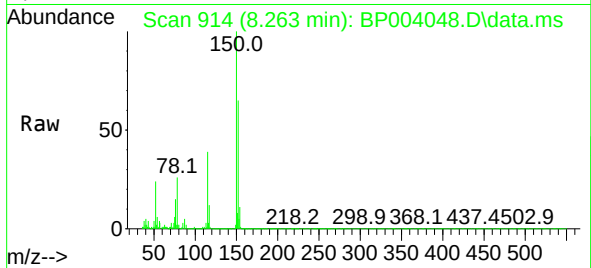
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.263 min Scan# 914
Delta R.T. -0.030 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

Tgt Ion:152 Resp: 113008
Ion Ratio Lower Upper
152 100
150 155.0 123.8 185.6
115 60.5 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
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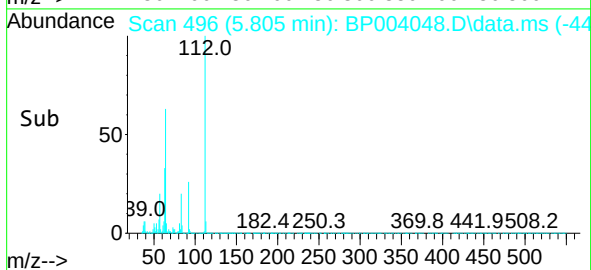
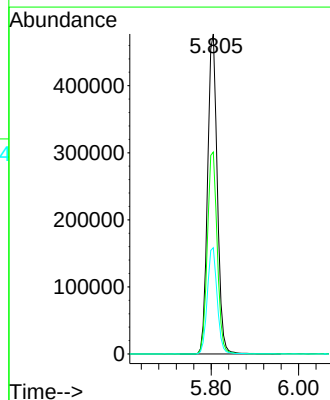
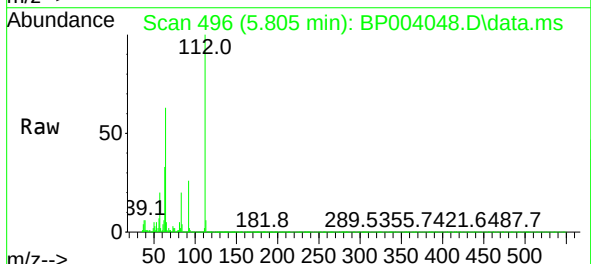
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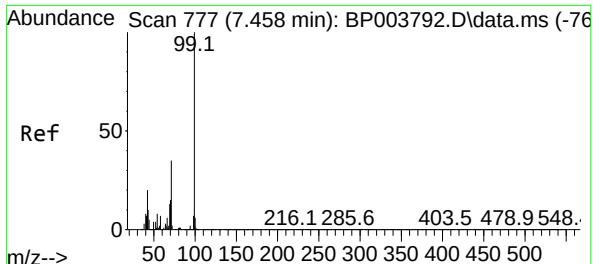
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#5
2-Fluorophenol
Concen: 108.96 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.006 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

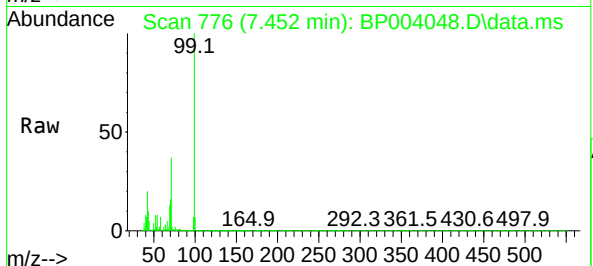
Tgt Ion:112 Resp: 737765
Ion Ratio Lower Upper
112 100
64 63.1 32.8 49.2#
63 33.2 17.0 25.4#





#7
Phenol-d6
Concen: 97.04 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

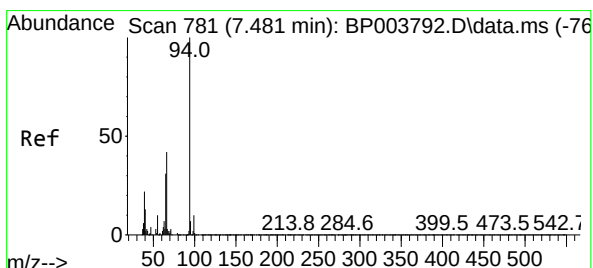
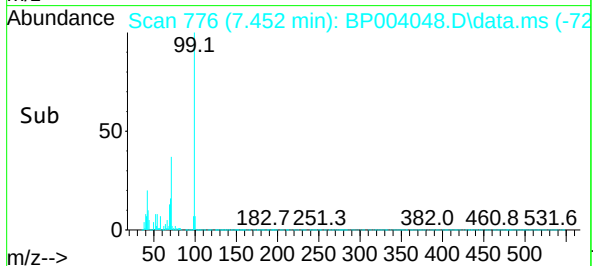
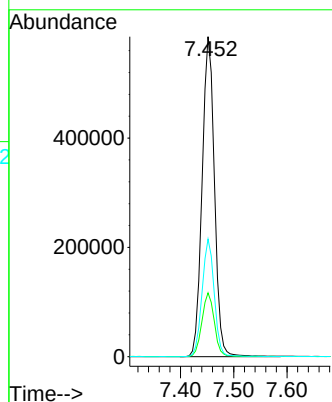
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BNA_P
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Tgt Ion: 99 Resp: 943229
Ion Ratio Lower Upper
99 100
42 20.0 8.6 13.0#
71 36.8 23.4 35.2#

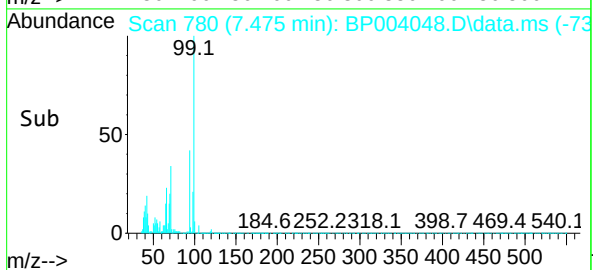
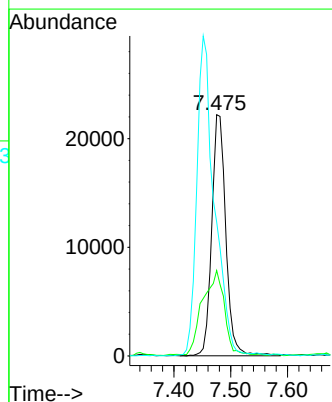
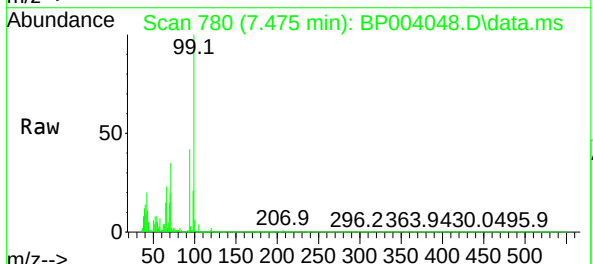
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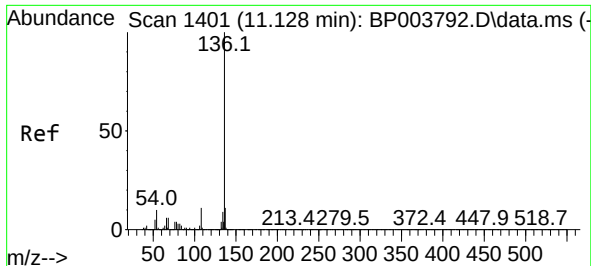
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#10
Phenol
Concen: 4.07 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

Tgt Ion: 94 Resp: 38149
Ion Ratio Lower Upper
94 100
65 35.4 2.3 42.3
66 55.5 10.9 50.9#





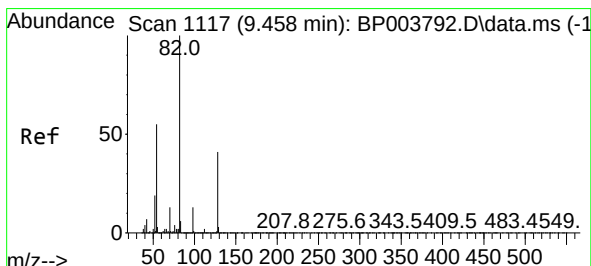
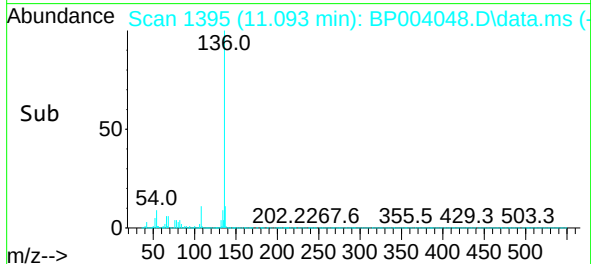
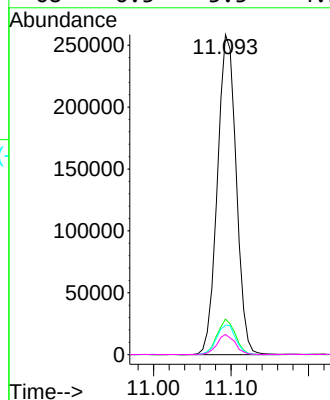
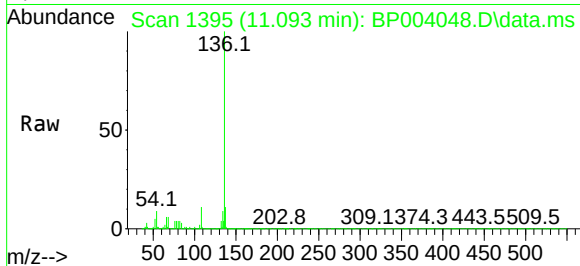
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.093 min Scan# 1395
Delta R.T. -0.035 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

Tgt Ion:	136	Resp:	435593
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	9.3	3.6	5.4#
68	6.3	3.3	4.9#

Instrument :
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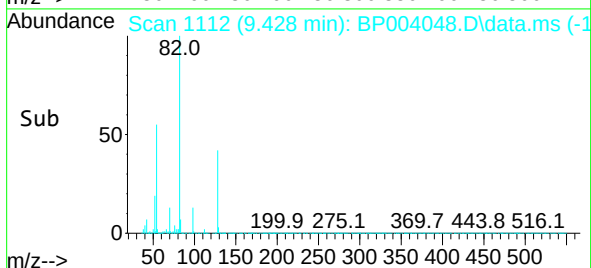
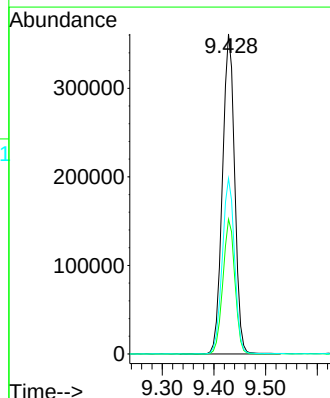
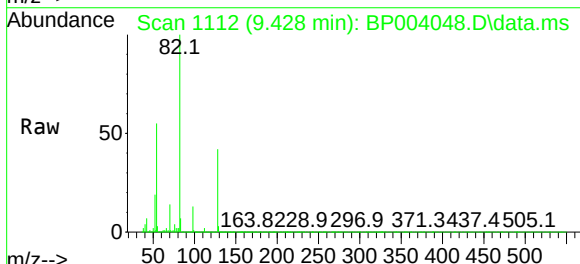
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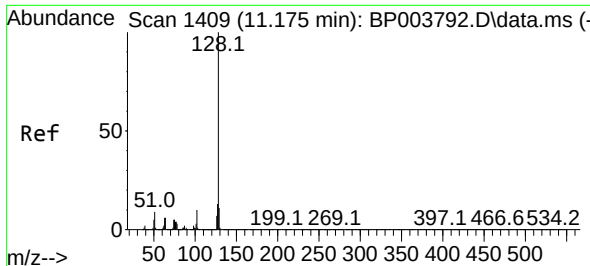
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#23
Nitrobenzene-d5
Concen: 66.77 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.029 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

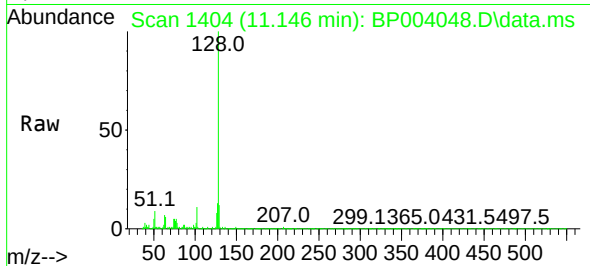
Tgt Ion:	82	Resp:	593822
Ion Ratio	Lower	Upper	
82	100		
128	42.1	45.6	68.4#
54	54.9	30.1	45.1#





#31
Naphthalene
Concen: 3.84 ng
RT: 11.146 min Scan# 1404
Delta R.T. -0.029 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

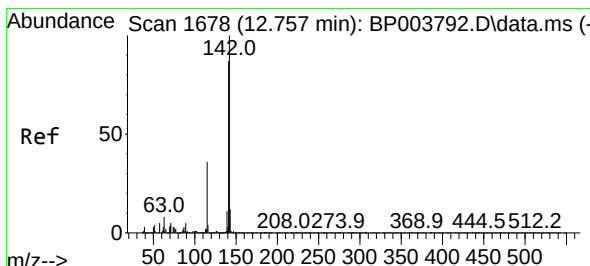
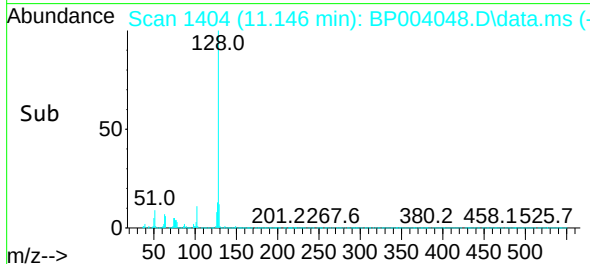
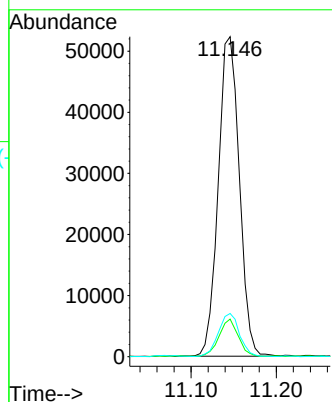
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BNA_P
ClientSampleId :
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Tgt Ion:128 Resp: 89817
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.5 10.6 15.8

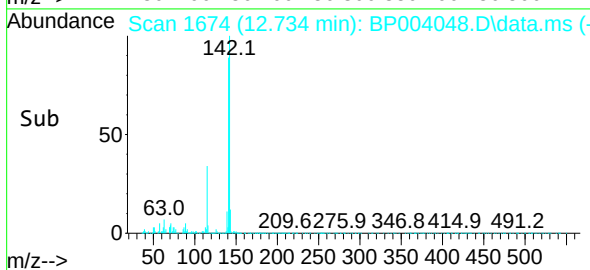
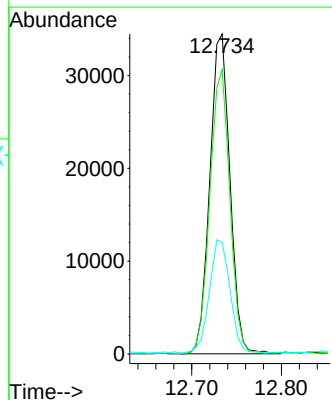
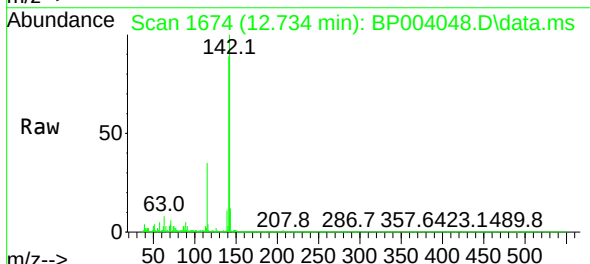
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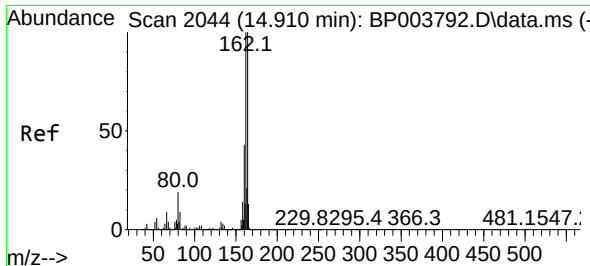
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#37
2-Methylnaphthalene
Concen: 3.21 ng
RT: 12.734 min Scan# 1674
Delta R.T. -0.024 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

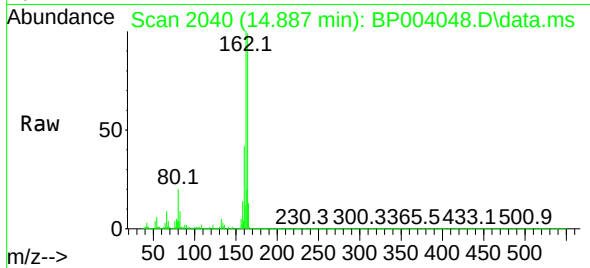
Tgt Ion:142 Resp: 53702
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2
115 34.9 25.8 38.6





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.024 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

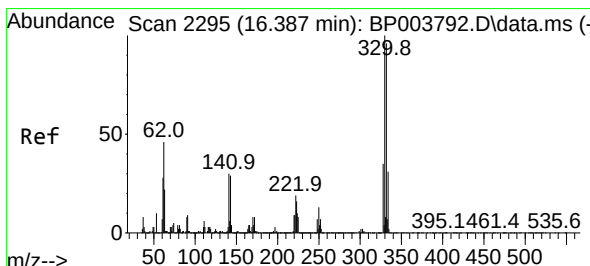
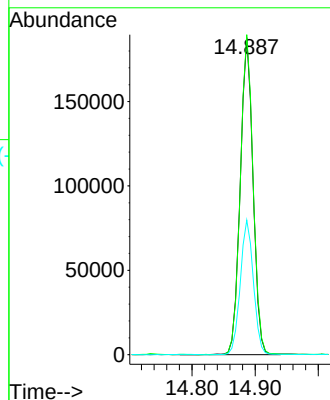
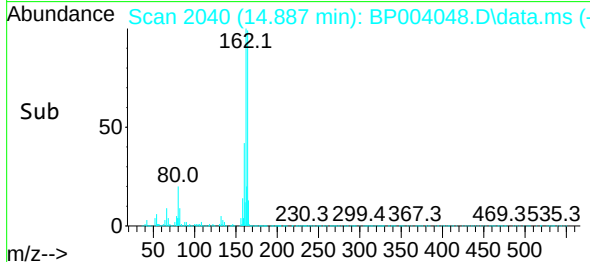
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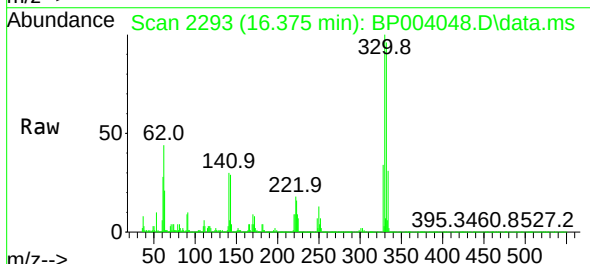
Tgt Ion:164 Resp: 264125
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.2
160 42.4 36.1 54.1

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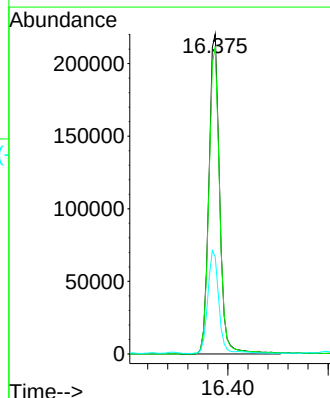
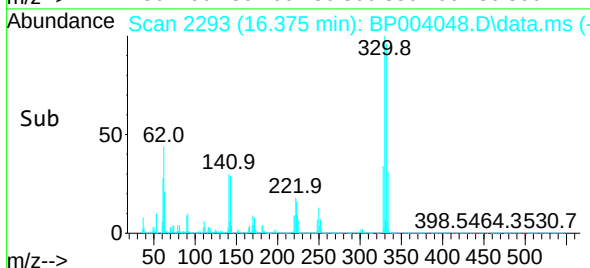
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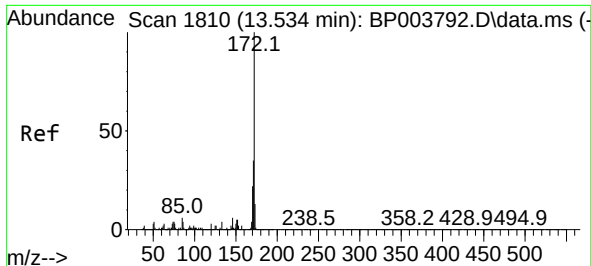


#42
2,4,6-Tribromophenol
Concen: 99.81 ng
RT: 16.375 min Scan# 2293
Delta R.T. -0.012 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56



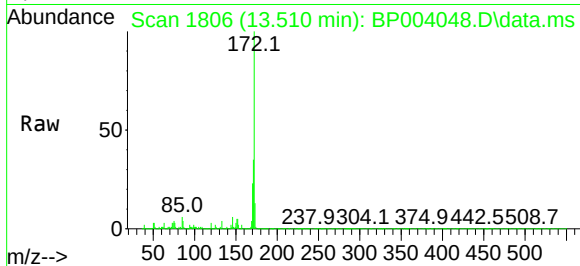
Tgt Ion:330 Resp: 329711
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 32.3 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 62.58 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.024 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

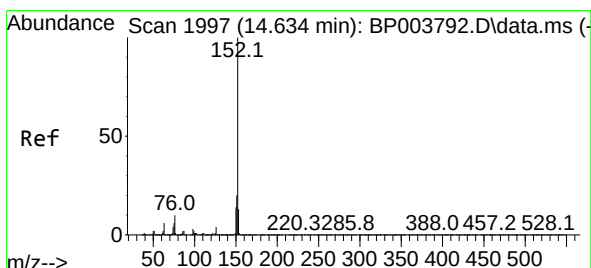
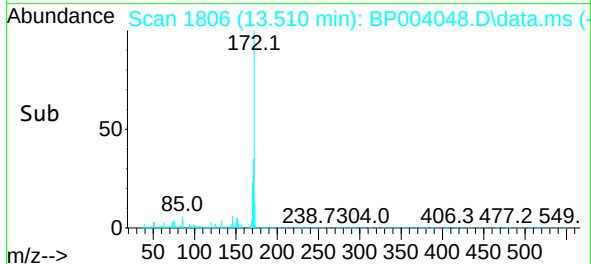
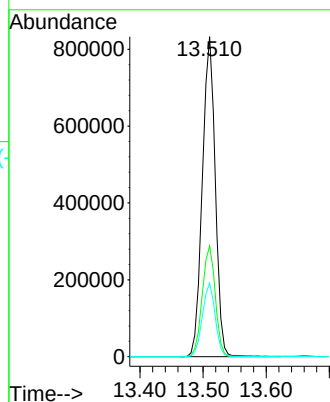
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Tgt Ion:172 Resp: 1182251
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.0 19.2 28.8

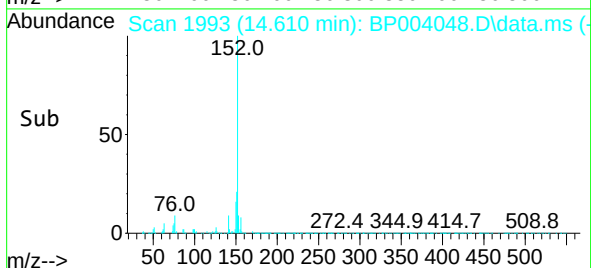
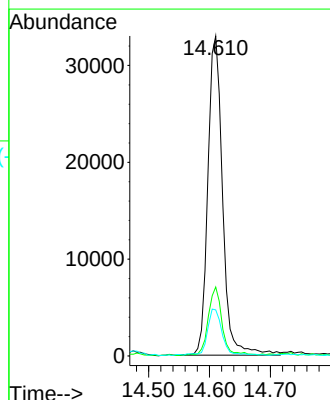
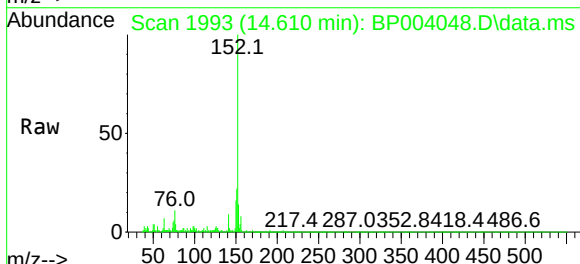
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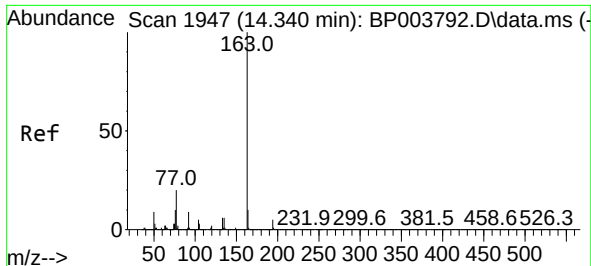
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#49
Acenaphthylene
Concen: 2.25 ng
RT: 14.610 min Scan# 1993
Delta R.T. -0.024 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

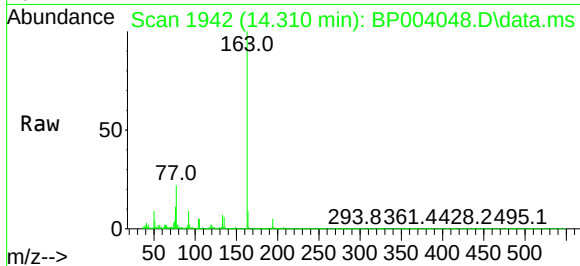
Tgt Ion:152 Resp: 55517
Ion Ratio Lower Upper
152 100
151 21.5 15.9 23.9
153 14.4 10.5 15.7





#50
Dimethylphthalate
Concen: 3.07 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.029 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

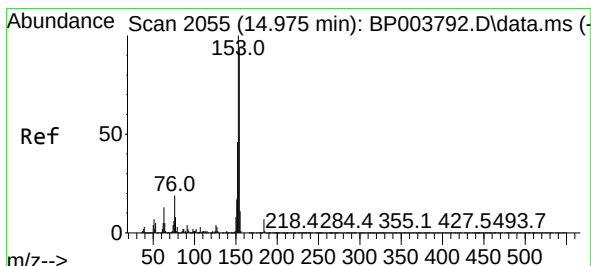
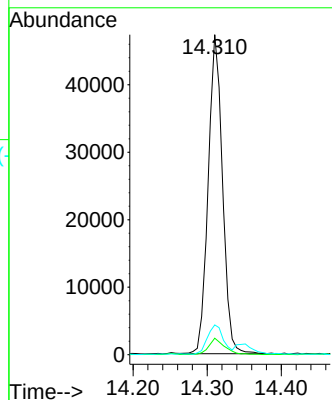
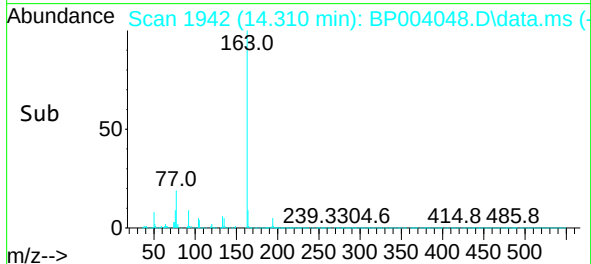
Instrument :
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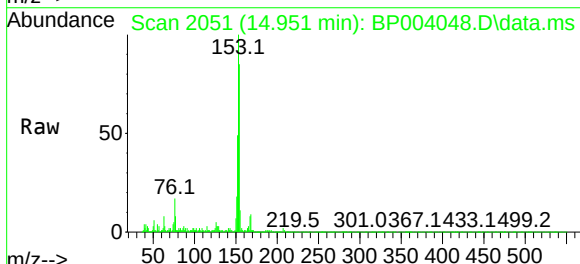
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Ion Ratio Lower Upper
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194 5.2 3.3 4.9#
164 9.3 8.2 12.2

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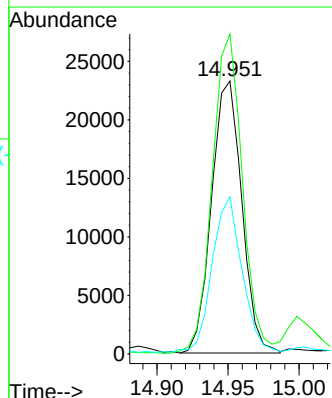
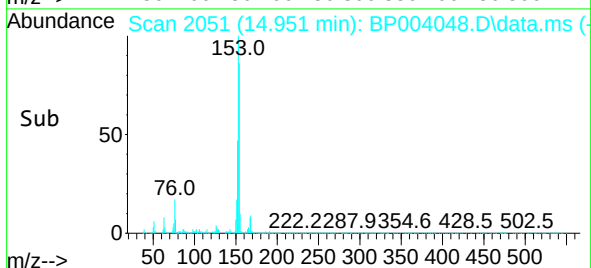
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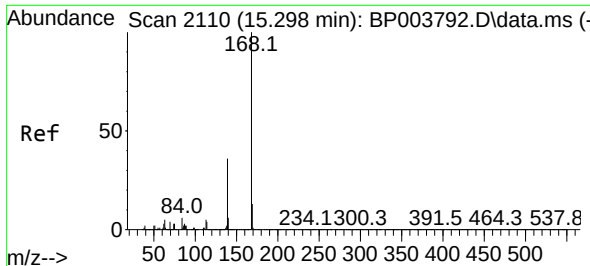


#52
Acenaphthene
Concen: 2.09 ng
RT: 14.951 min Scan# 2051
Delta R.T. -0.024 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56



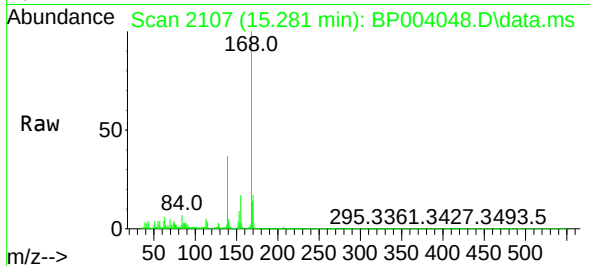
Tgt Ion:154 Resp: 34395
Ion Ratio Lower Upper
154 100
153 117.2 91.0 136.6
152 57.6 43.0 64.6





#55
Dibenzofuran
Concen: 2.19 ng
RT: 15.281 min Scan# 2107
Delta R.T. -0.018 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

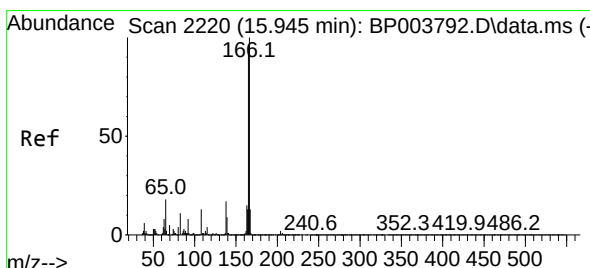
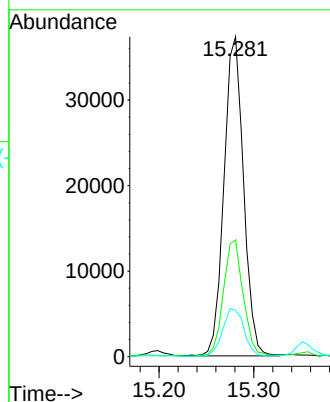
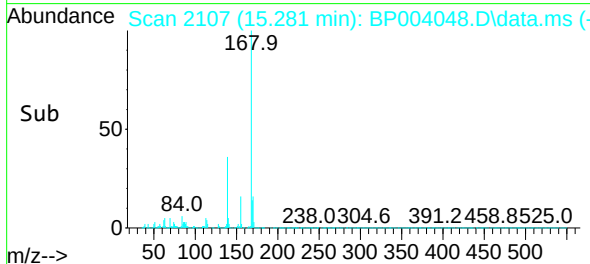
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-EAST



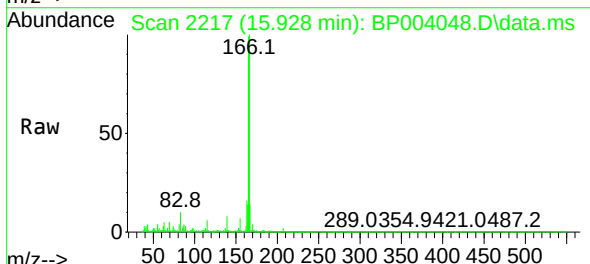
Tgt Ion:168 Resp: 53627
Ion Ratio Lower Upper
168 100
139 36.5 29.1 43.7
169 14.5 10.4 15.6

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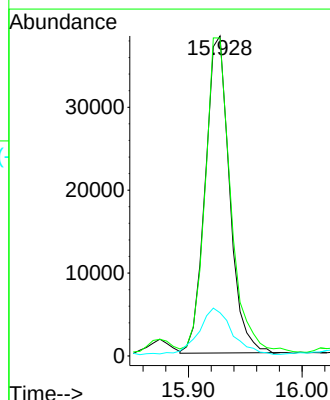
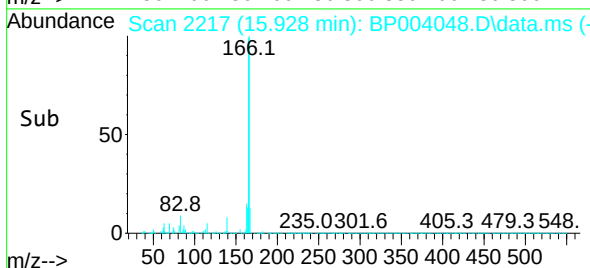
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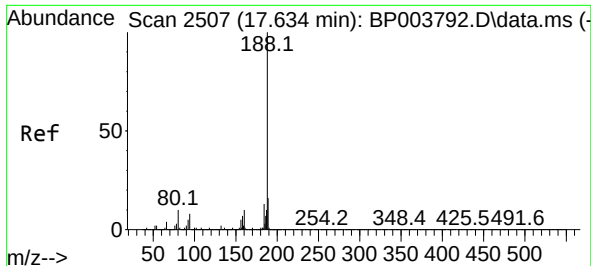


#58
Fluorene
Concen: 2.90 ng
RT: 15.928 min Scan# 2217
Delta R.T. -0.018 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56



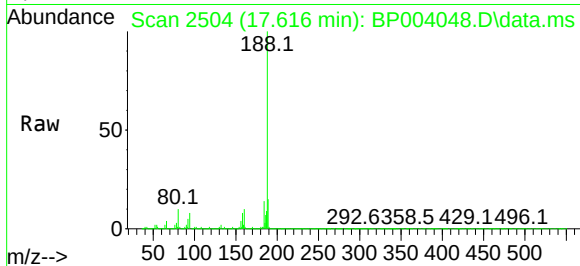
Tgt Ion:166 Resp: 56683
Ion Ratio Lower Upper
166 100
165 99.4 77.8 116.8
167 13.5 11.0 16.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.616 min Scan# 2504
Delta R.T. -0.018 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

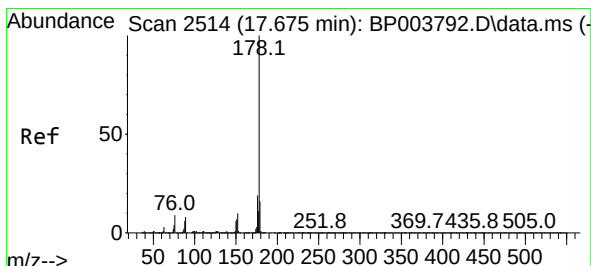
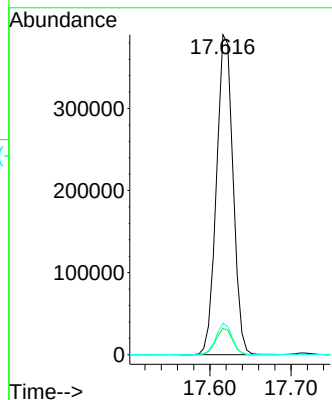
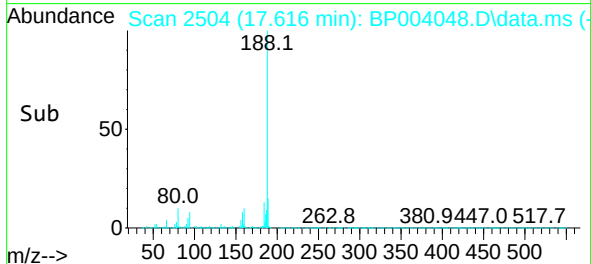
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-EAST



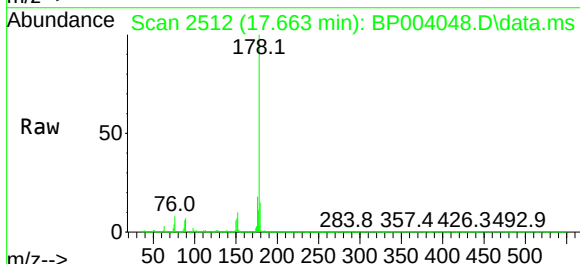
Tgt Ion:188 Resp: 553543
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 9.8 6.2 9.2#

Manual Integrations
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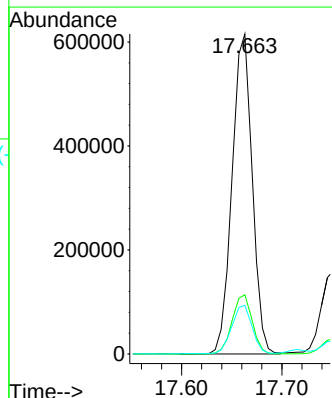
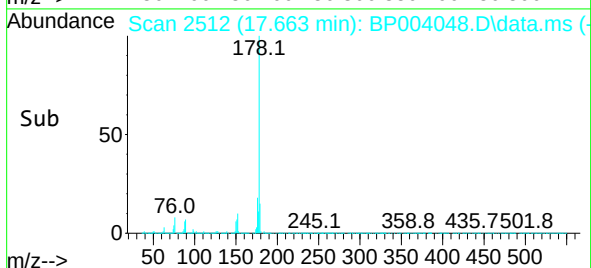
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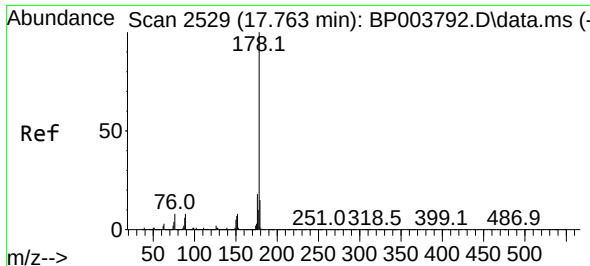


#71
Phenanthrene
Concen: 27.71 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.012 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

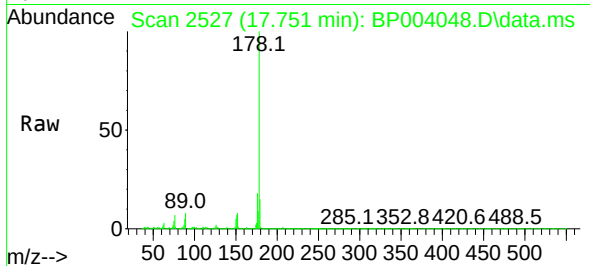


Tgt Ion:178 Resp: 860746
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.2 12.5 18.7

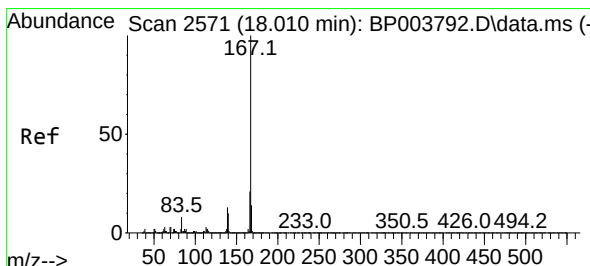
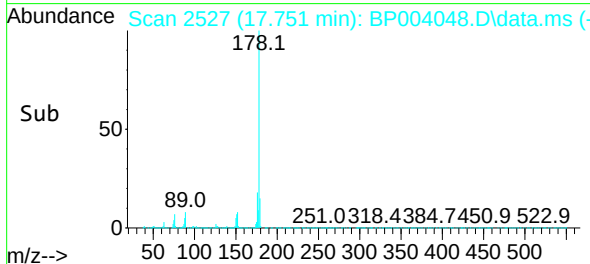
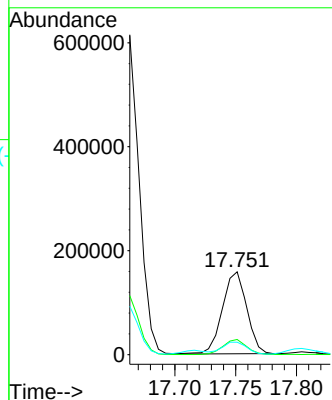




#72
 Anthracene
 Concen: 7.29 ng
 RT: 17.751 min Scan# 2527
 Delta R.T. -0.012 min
 Lab File: BP004048.D
 Acq: 21 Nov 2020 20:56

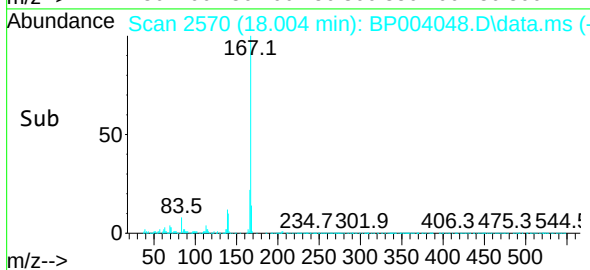
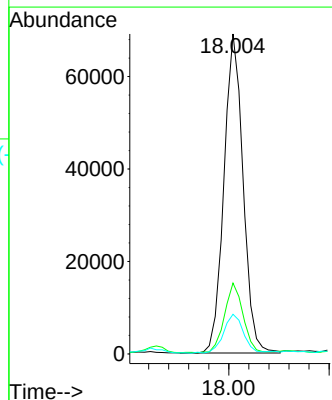
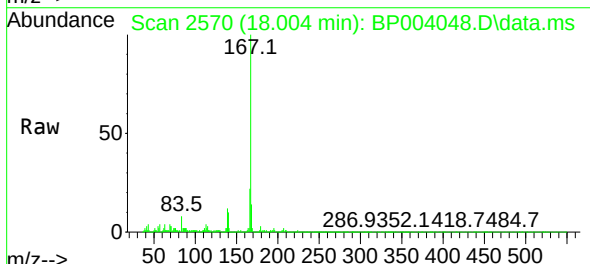


Tgt Ion:178 Resp: 218605
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.0 22.4
 179 15.2 12.5 18.7



#73
 Carbazole
 Concen: 3.28 ng
 RT: 18.004 min Scan# 2570
 Delta R.T. -0.006 min
 Lab File: BP004048.D
 Acq: 21 Nov 2020 20:56

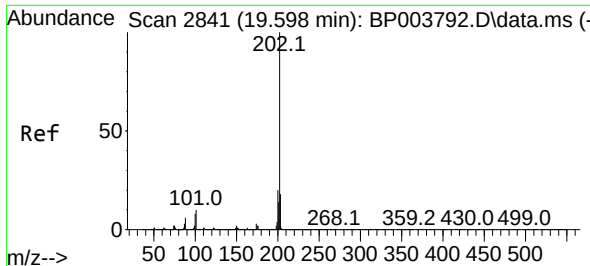
Tgt Ion:167 Resp: 91225
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.4 10.2 15.4



Instrument :
 BNA_P
 ClientSampleId :
 340EM-STOCKPILE-EAST

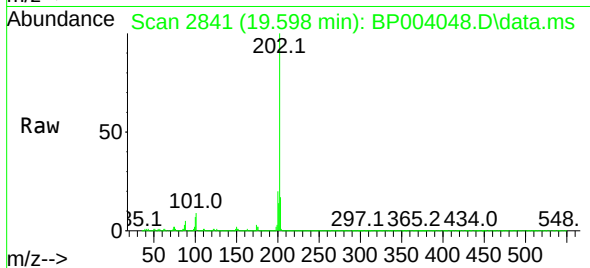
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#75
Fluoranthene
Concen: 38.20 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

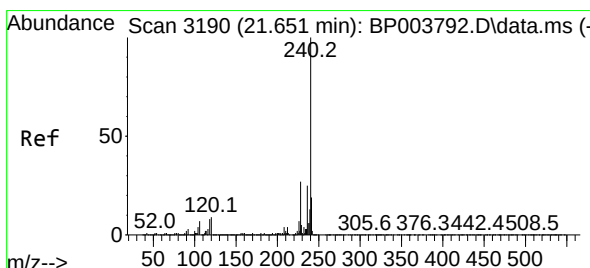
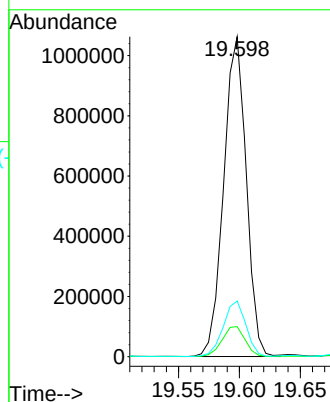
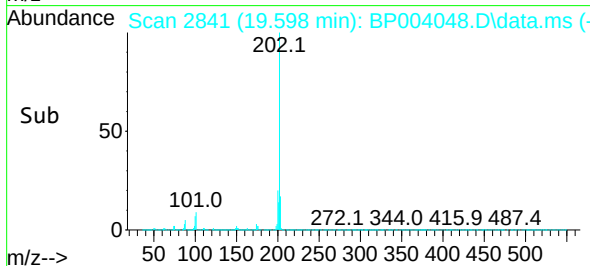
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-EAST



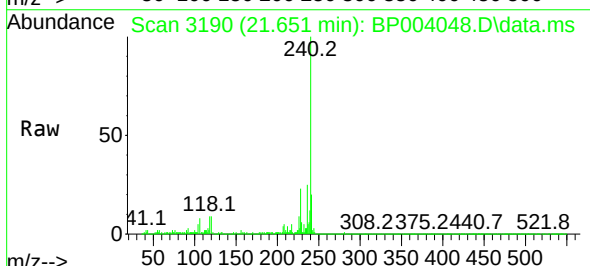
Tgt Ion:202 Resp: 1369144
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.4
203 17.4 0.0 37.8

Manual Integrations
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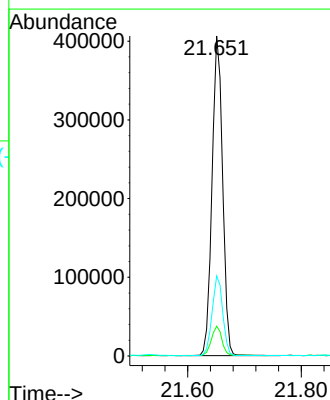
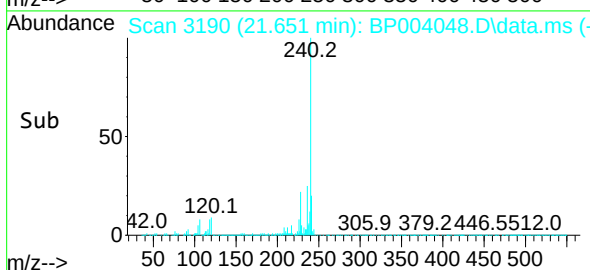
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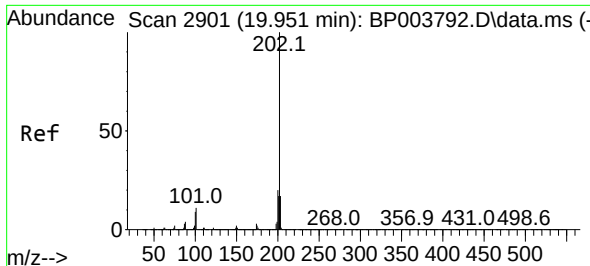


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.651 min Scan# 3190
Delta R.T. -0.000 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56



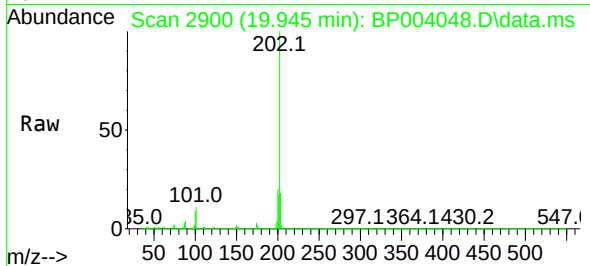
Tgt Ion:240 Resp: 521380
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 25.0 20.8 31.2





#78
Pyrene
Concen: 33.33 ng
RT: 19.945 min Scan# 2900
Delta R.T. -0.006 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

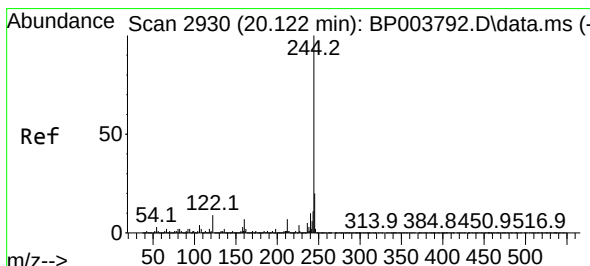
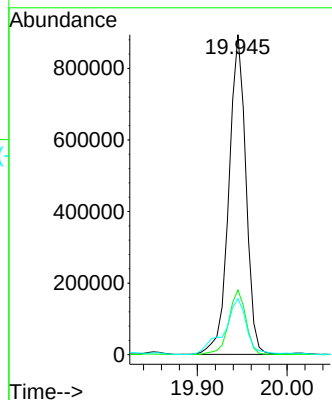
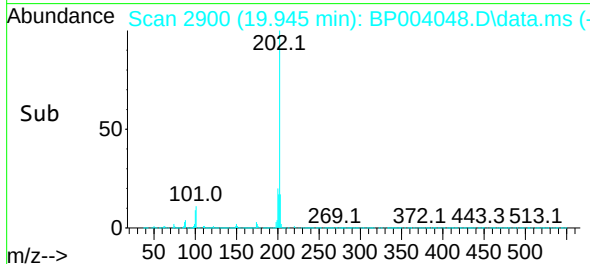
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-EAST



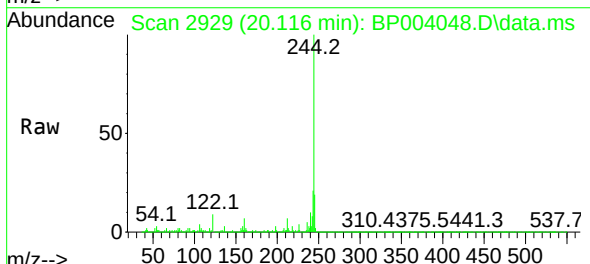
Tgt Ion:202 Resp: 1179312
Ion Ratio Lower Upper
202 100
200 20.2 17.1 25.7
203 17.5 14.2 21.2

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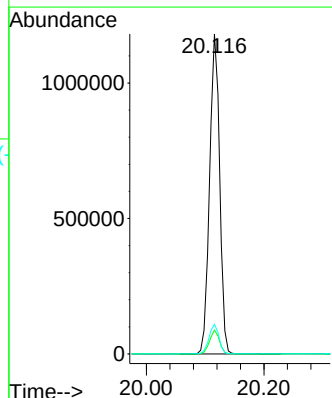
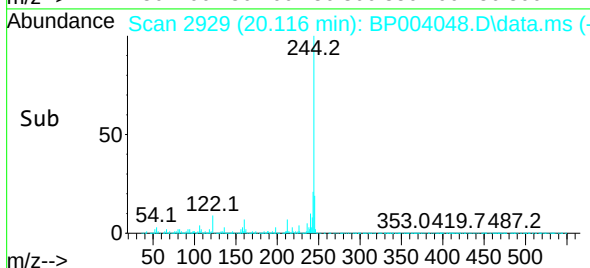
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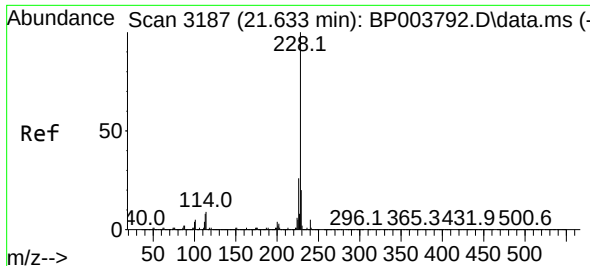


#79
Terphenyl-d14
Concen: 52.05 ng
RT: 20.116 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56



Tgt Ion:244 Resp: 1404811
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.3 7.8 11.8





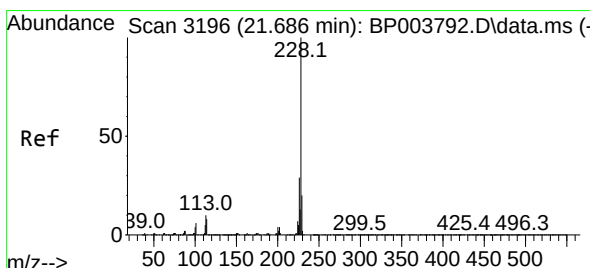
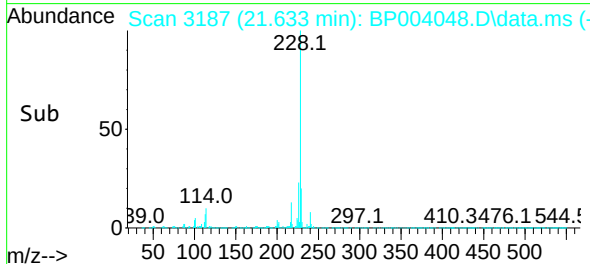
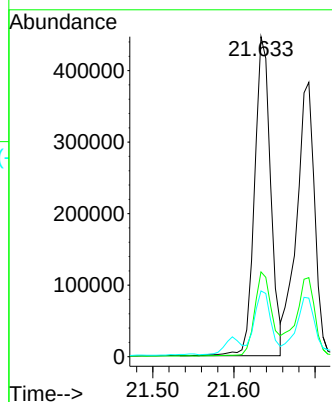
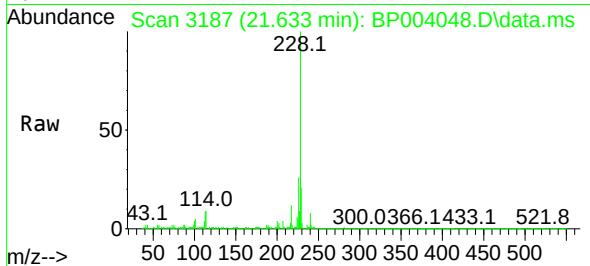
#81
Benzo(a)anthracene
Concen: 17.95 ng
RT: 21.633 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

Tgt Ion:228 Resp: 617055
Ion Ratio Lower Upper
228 100
226 26.5 22.1 33.1
229 20.6 15.9 23.9

Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-EAST

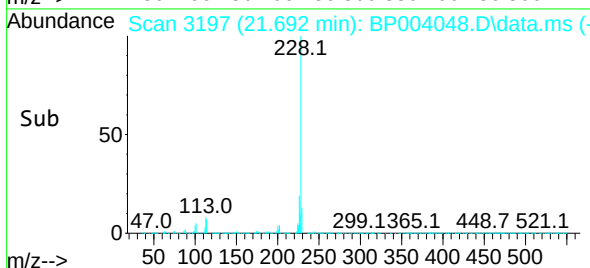
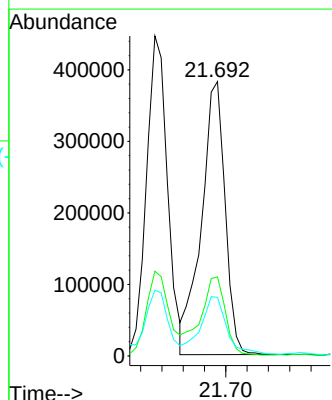
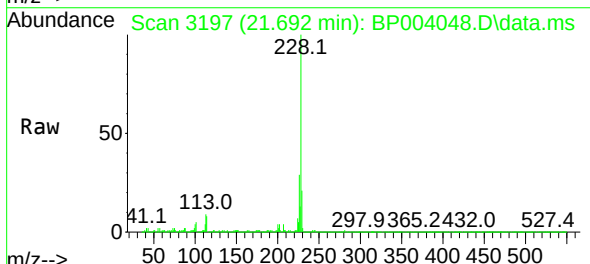
Manual Integrations
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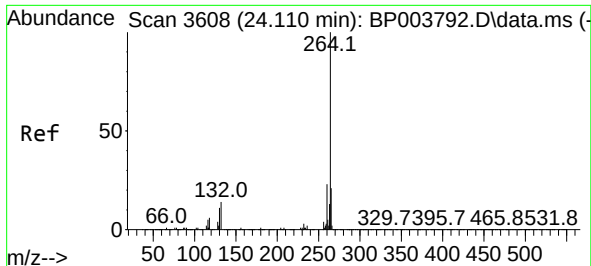
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#83
Chrysene
Concen: 17.92 ng
RT: 21.692 min Scan# 3197
Delta R.T. 0.006 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

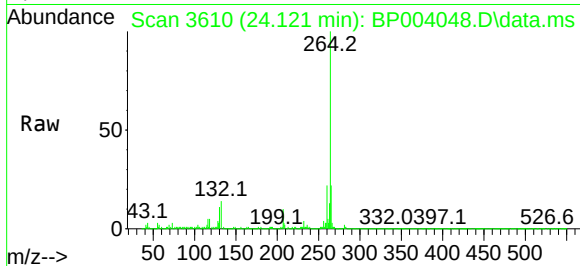
Tgt Ion:228 Resp: 591899
Ion Ratio Lower Upper
228 100
226 28.8 24.4 36.6
229 21.4 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.121 min Scan# 3610
Delta R.T. 0.012 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

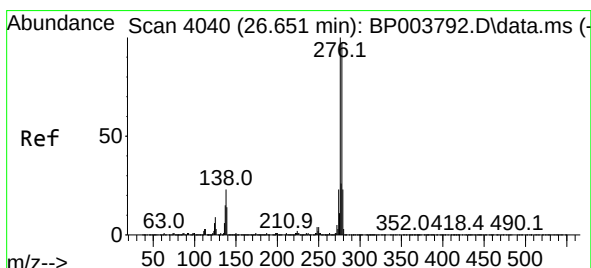
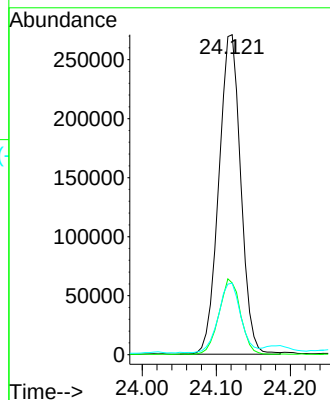
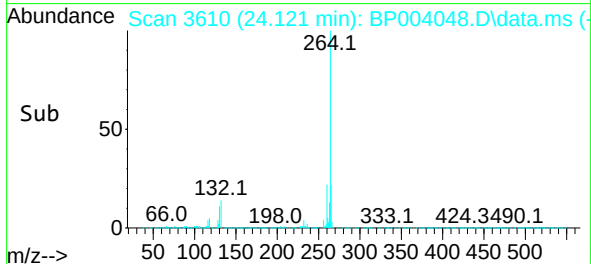
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-EAST



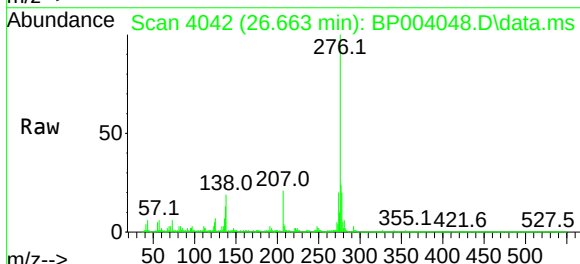
Tgt Ion:264 Resp: 556137
Ion Ratio Lower Upper
264 100
260 22.4 18.8 28.2
265 22.4 17.4 26.2

Manual Integrations
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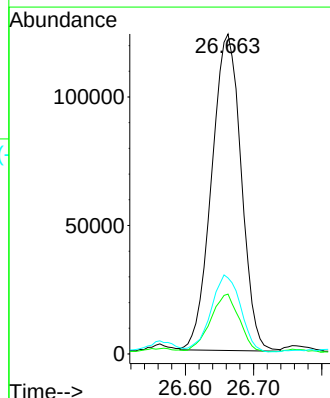
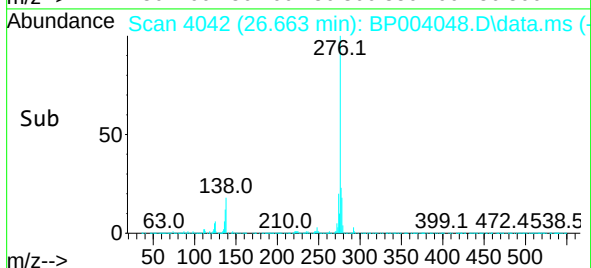
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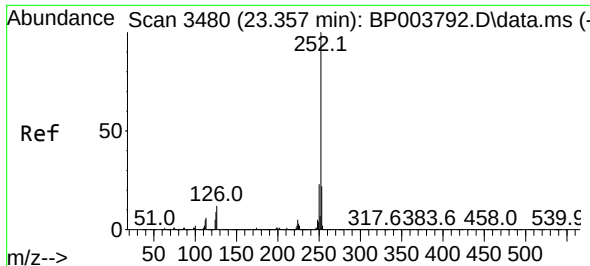


#87
Indeno(1,2,3-cd)pyrene
Concen: 9.26 ng
RT: 26.663 min Scan# 4042
Delta R.T. 0.012 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56



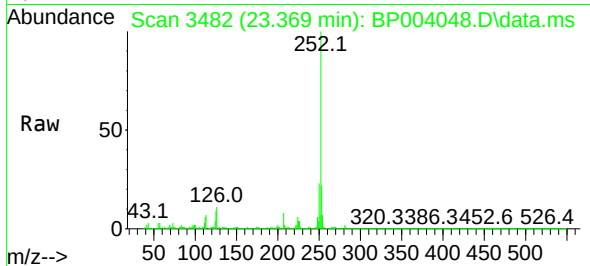
Tgt Ion:276 Resp: 371438
Ion Ratio Lower Upper
276 100
138 18.3 18.7 28.1#
277 24.3 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 19.97 ng m
RT: 23.369 min Scan# 3482
Delta R.T. 0.012 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

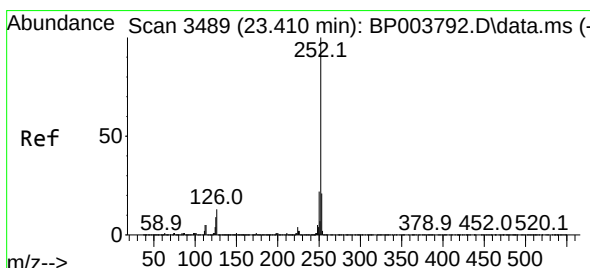
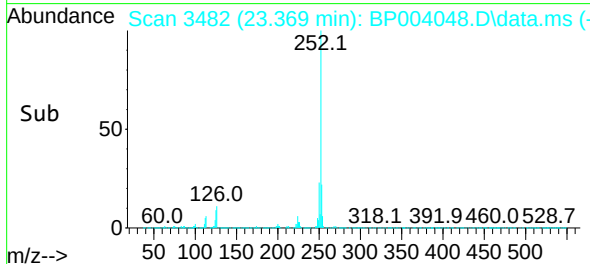
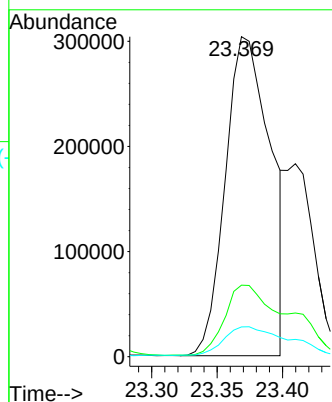
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-EAST



Tgt Ion:252 Resp: 726609
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.3 7.3 10.9

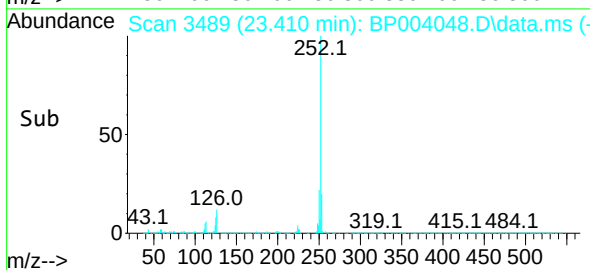
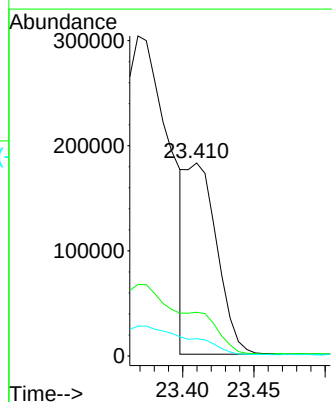
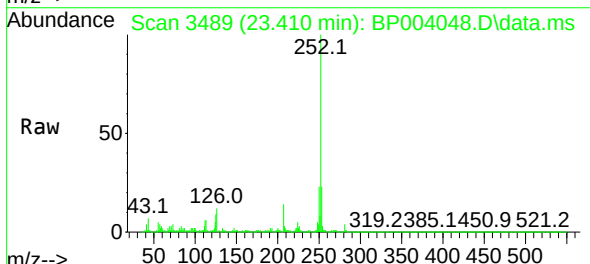
Manual Integrations
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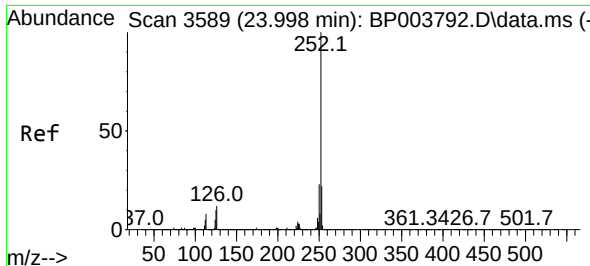
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#89
Benzo(k)fluoranthene
Concen: 7.68 ng m
RT: 23.410 min Scan# 3489
Delta R.T. -0.000 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

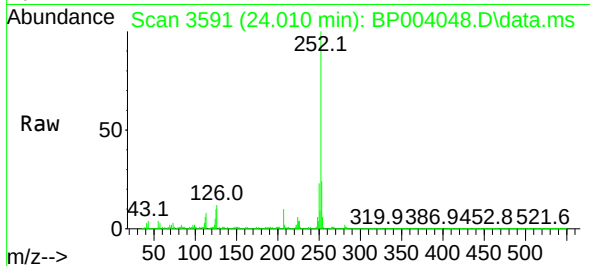
Tgt Ion:252 Resp: 276129
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.0 7.4 11.2





#90
Benzo(a)pyrene
Concen: 15.70 ng
RT: 24.010 min Scan# 3591
Delta R.T. 0.012 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

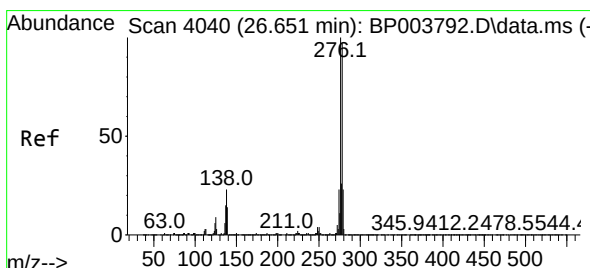
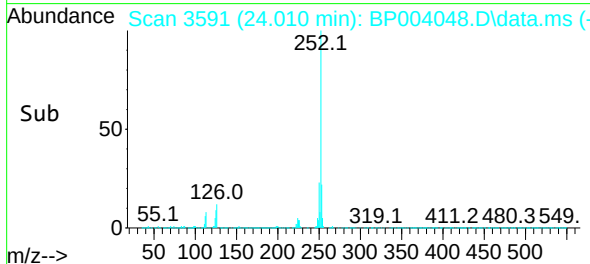
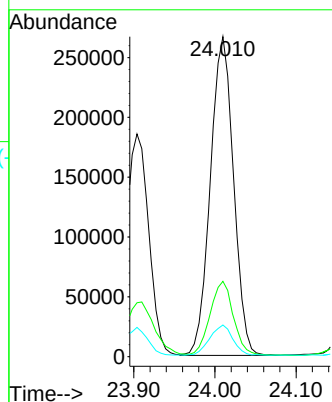
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-EAST



Tgt Ion:252 Resp: 528883
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 9.9 8.2 12.4

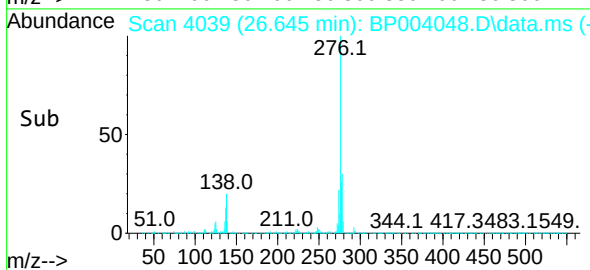
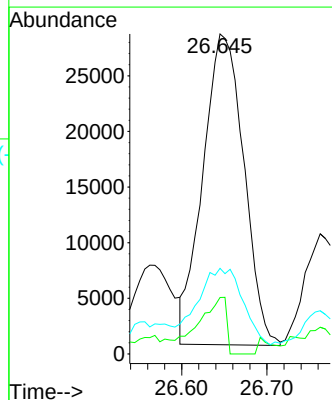
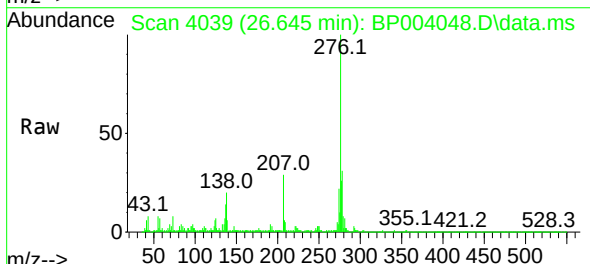
Manual Integrations
APPROVED

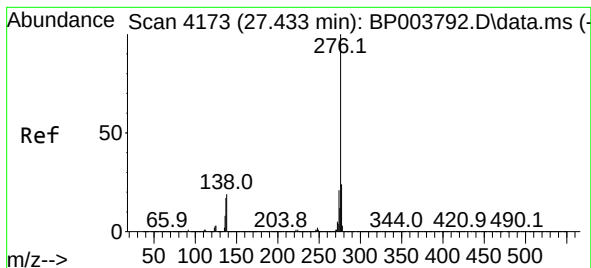
mohammad
11/24/2020 9:01:52 AM



#91
Dibenzo(a,h)anthracene
Concen: 2.79 ng
RT: 26.645 min Scan# 4039
Delta R.T. -0.006 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

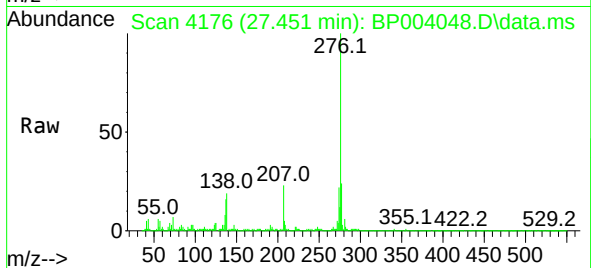
Tgt Ion:278 Resp: 93208
Ion Ratio Lower Upper
278 100
139 17.6 12.4 18.6
279 26.7 19.0 28.6





#92
Benzo(g,h,i)perylene
Concen: 11.41 ng
RT: 27.451 min Scan# 4176
Delta R.T. 0.018 min
Lab File: BP004048.D
Acq: 21 Nov 2020 20:56

Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-EAST



Tgt Ion: 276 Resp: 369185
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 18.5 16.6 24.8

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:52 AM

