

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
 Data File : BP004032.D
 Acq On : 20 Nov 2020 19:42
 Operator : CG/JU
 Sample : L4810-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-111920

Manual Integrations
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mohammad
 11/24/2020 8:55:31 AM

Quant Time: Nov 23 04:04:28 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	8.269	152	151238	20.00	ng	-0.02
21) Naphthalene-d8	11.099	136	590323	20.00	ng	#-0.03
39) Acenaphthene-d10	14.887	164	356836	20.00	ng	-0.02
64) Phenanthrene-d10	17.622	188	725115	20.00	ng	#-0.01
76) Chrysene-d12	21.657	240	666289	20.00	ng	0.00
86) Perylene-d12	24.127	264	705667	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	456013	50.32	ng	0.00
7) Phenol-d6	7.452	99	595353	45.77	ng	0.00
23) Nitrobenzene-d5	9.428	82	373386	30.98	ng	-0.03
42) 2,4,6-Tribromophenol	16.369	330	201577	45.17	ng	-0.02
45) 2-Fluorobiphenyl	13.510	172	828138	32.45	ng	-0.02
79) Terphenyl-d14	20.122	244	1015412	29.44	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.475	94	53225	4.24	ng	73
31) Naphthalene	11.146	128	270274	8.53	ng	99
37) 2-Methylnaphthalene	12.734	142	90449	3.99	ng	96
49) Acenaphthylene	14.610	152	87754	2.63	ng	99
52) Acenaphthene	14.951	154	51379	2.31	ng	97
55) Dibenzofuran	15.281	168	136781	4.14	ng	98
58) Fluorene	15.928	166	93975	3.55	ng	98
71) Phenanthrene	17.663	178	539405	13.25	ng	99
72) Anthracene	17.751	178	188511	4.80	ng	99
75) Fluoranthene	19.598	202	1321902	28.15	ng	99
78) Pyrene	19.951	202	1433613	31.71	ng	99
81) Benzo(a)anthracene	21.639	228	737498	16.78	ng	98
83) Chrysene	21.692	228	705956	16.72	ng	97
87) Indeno(1,2,3-cd)pyrene	26.674	276	361168	7.09	ng	# 94
88) Benzo(b)fluoranthene	23.380	252	816442m	17.68	ng	
89) Benzo(k)fluoranthene	23.416	252	226783m	4.97	ng	
90) Benzo(a)pyrene	24.016	252	601656	14.07	ng	98
91) Dibenzo(a,h)anthracene	26.662	278	105327	2.48	ng	92
92) Benzo(g,h,i)perylene	27.462	276	368835	8.98	ng	99

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

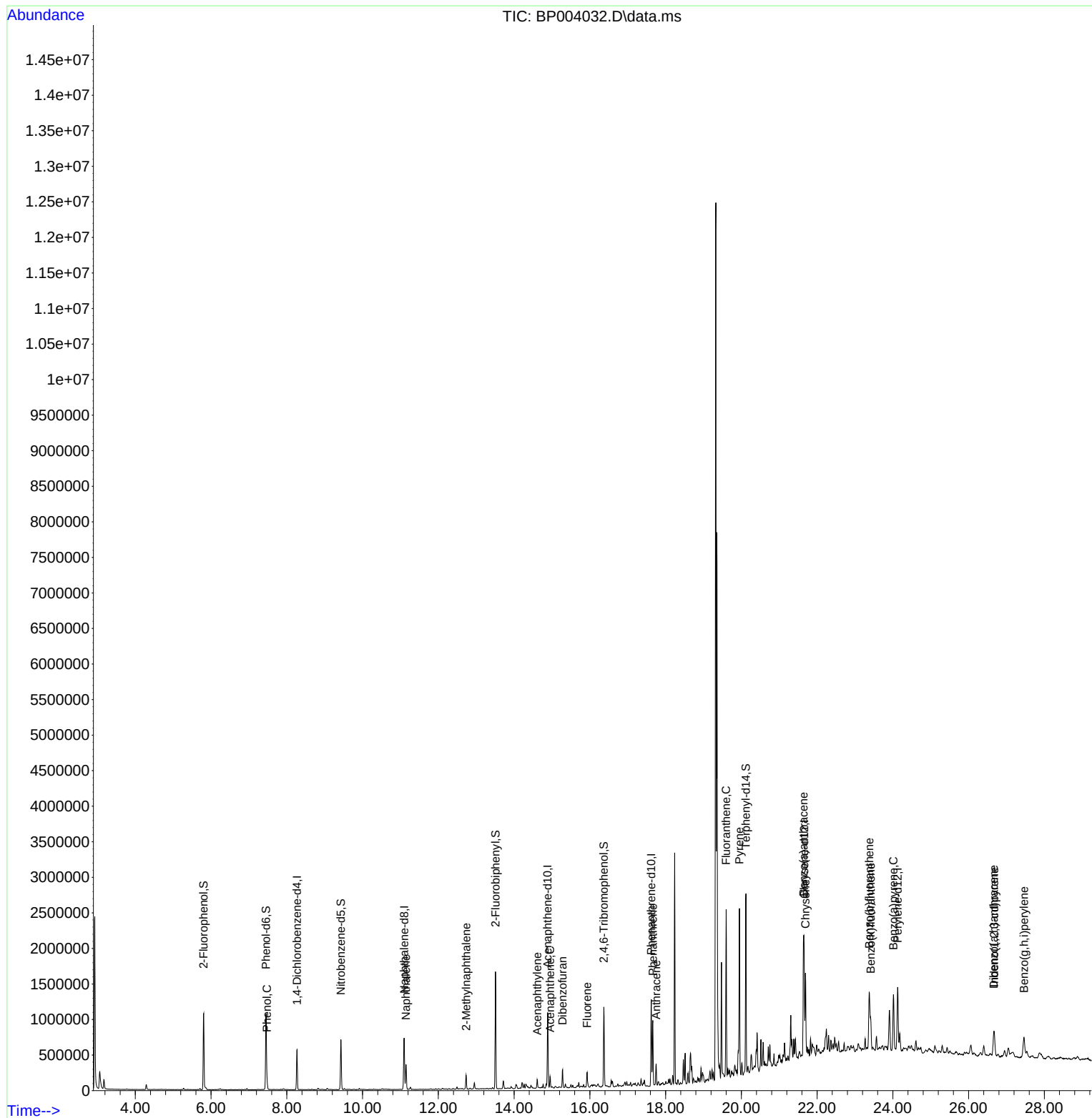
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004032.D
Acq On : 20 Nov 2020 19:42
Operator : CG/JU
Sample : L4810-01 2X
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ALS Vial : 16 Sample Multiplier: 1

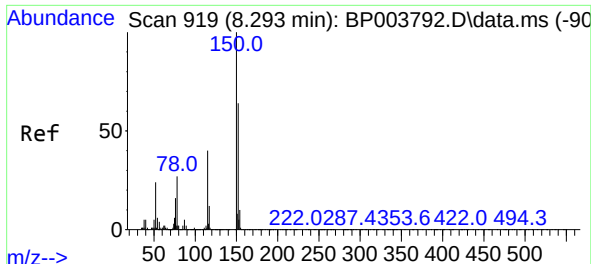
Instrument :
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Quant Time: Nov 23 04:04:28 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





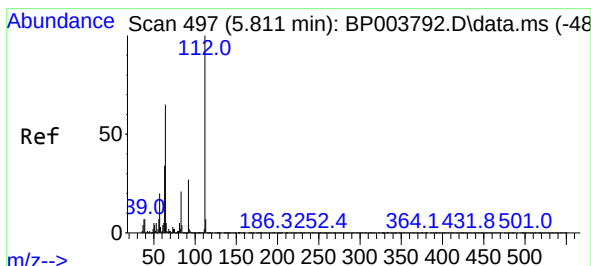
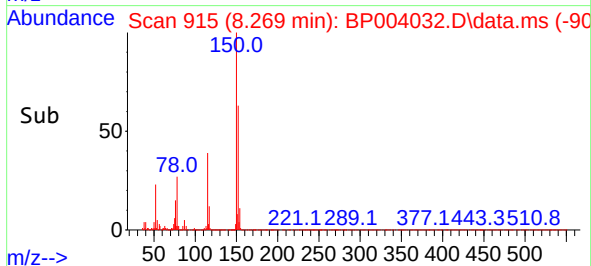
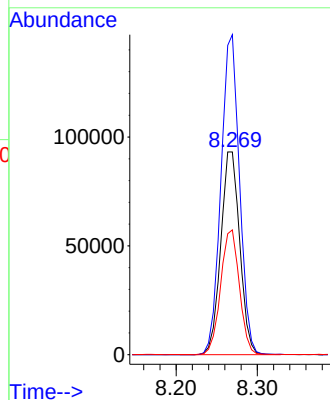
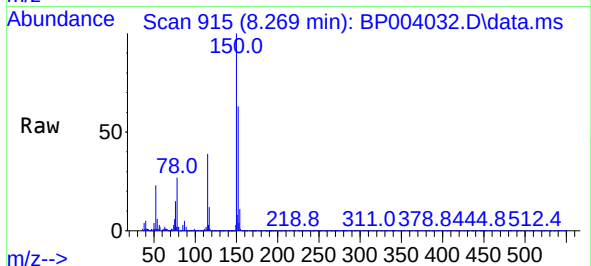
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.024 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

Tgt Ion:152 Resp: 151238
Ion Ratio Lower Upper
152 100
150 157.8 123.8 185.6
115 61.5 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
TR-04-111920

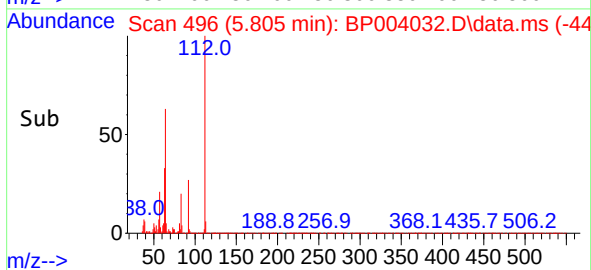
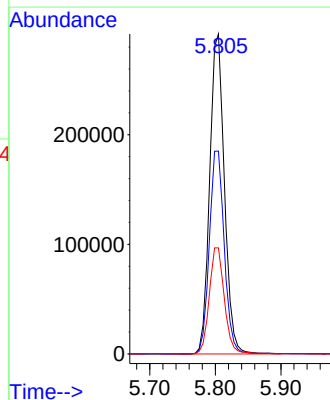
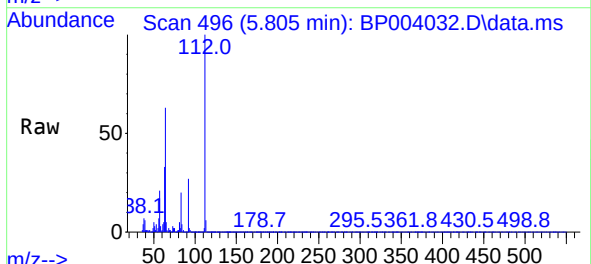
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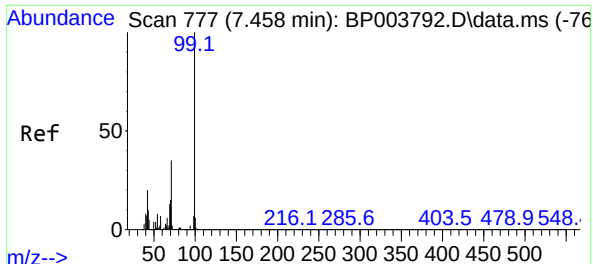
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#5
2-Fluorophenol
Concen: 50.32 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.006 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

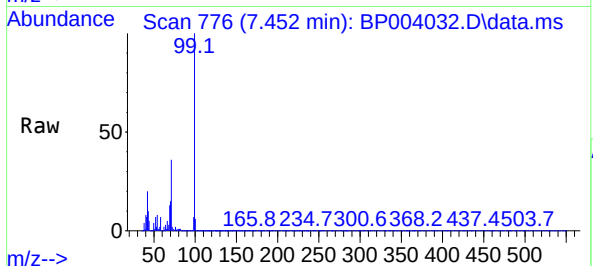
Tgt Ion:112 Resp: 456013
Ion Ratio Lower Upper
112 100
64 63.4 32.8 49.2#
63 33.1 17.0 25.4#





#7
Phenol-d6
Concen: 45.77 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

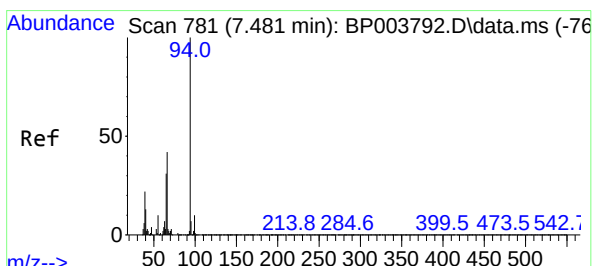
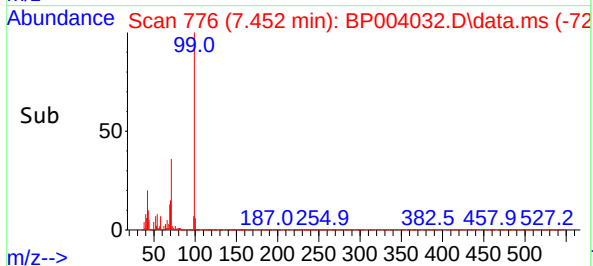
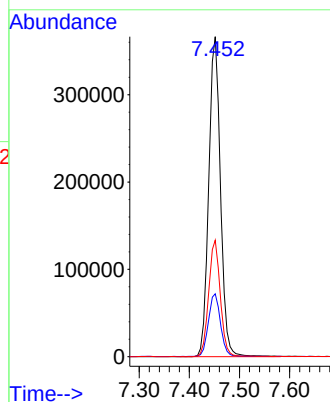
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 595353
Ion Ratio Lower Upper
99 100
42 19.6 8.6 13.0#
71 36.4 23.4 35.2#

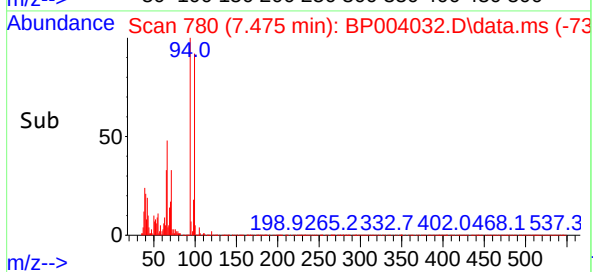
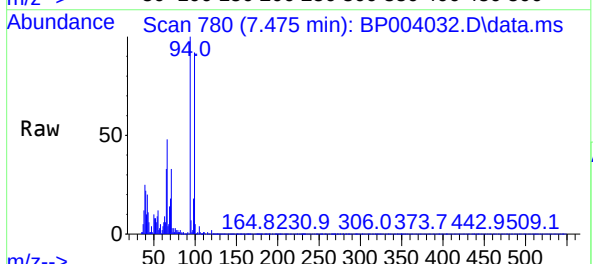
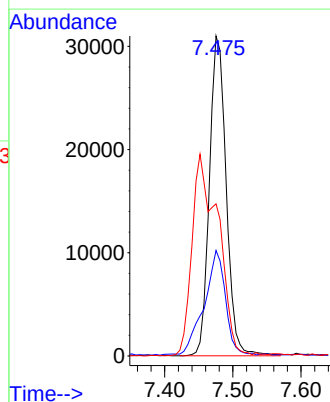
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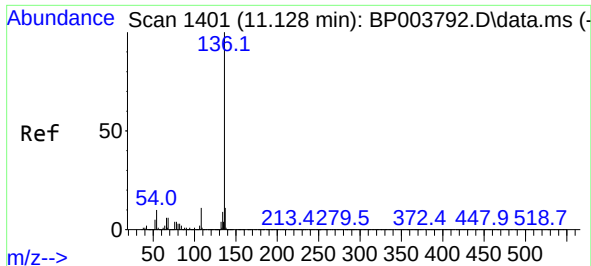
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#10
Phenol
Concen: 4.24 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

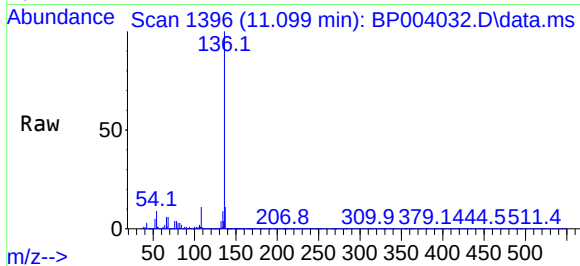
Tgt Ion: 94 Resp: 53225
Ion Ratio Lower Upper
94 100
65 32.9 2.3 42.3
66 47.6 10.9 50.9





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. -0.030 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

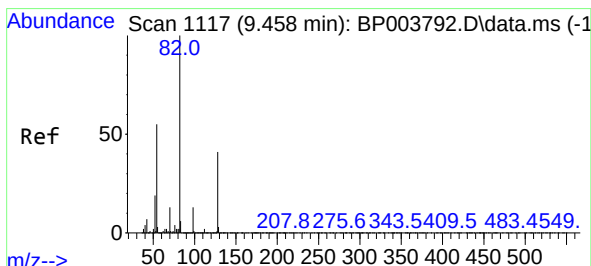
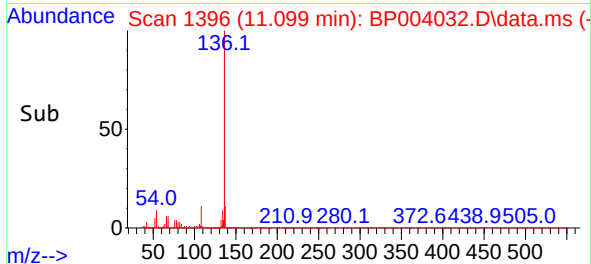
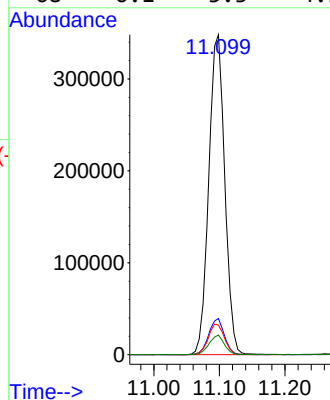
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:136 Resp: 590323
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.2 3.6 5.4#
68 6.1 3.3 4.9#

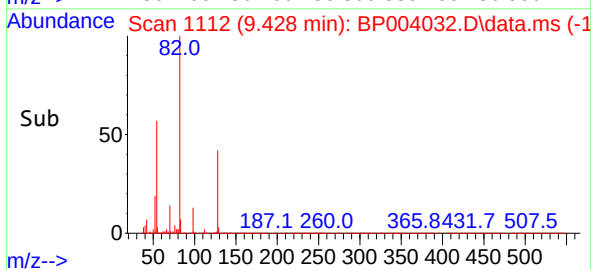
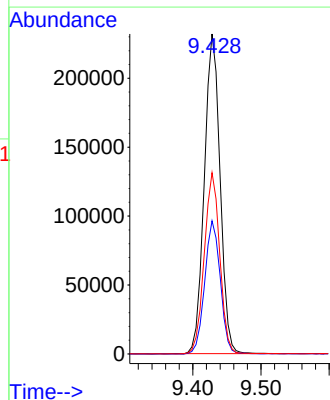
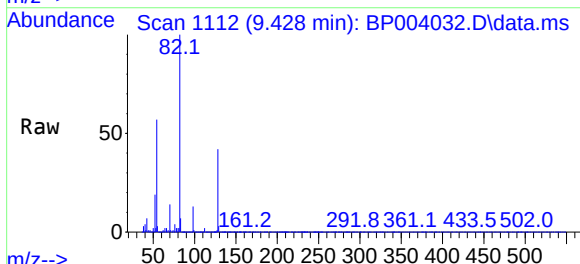
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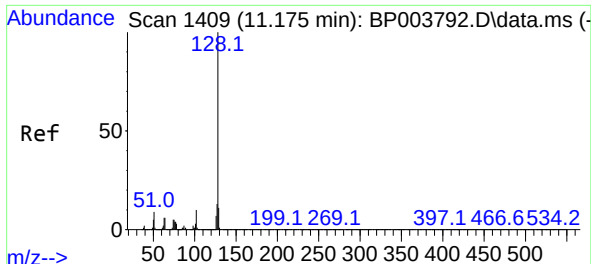
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#23
Nitrobenzene-d5
Concen: 30.98 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.030 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

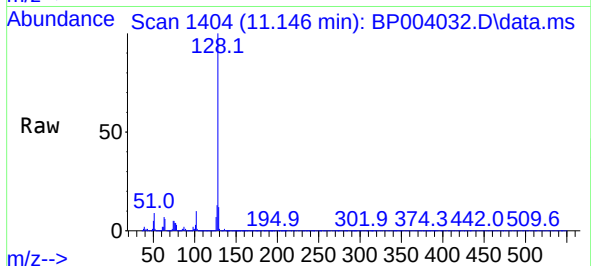
Tgt Ion: 82 Resp: 373386
Ion Ratio Lower Upper
82 100
128 41.6 45.6 68.4#
54 56.6 30.1 45.1#





#31
Naphthalene
Concen: 8.53 ng
RT: 11.146 min Scan# 1404
Delta R.T. -0.029 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

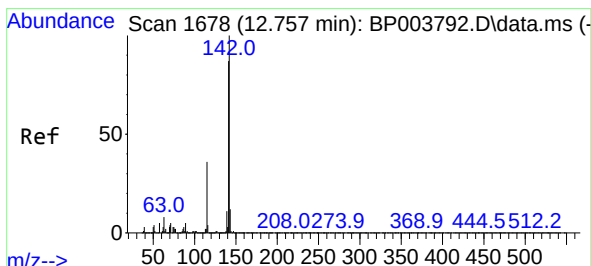
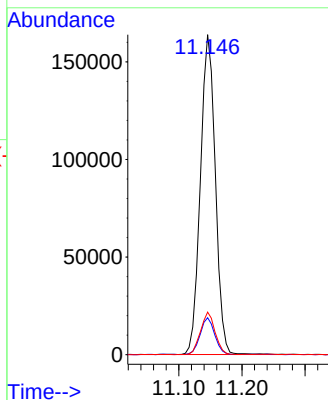
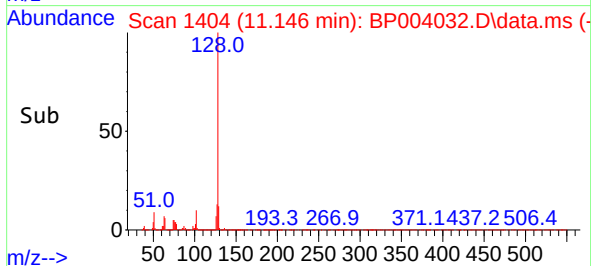
Instrument :
BNA_P
ClientSampleId :
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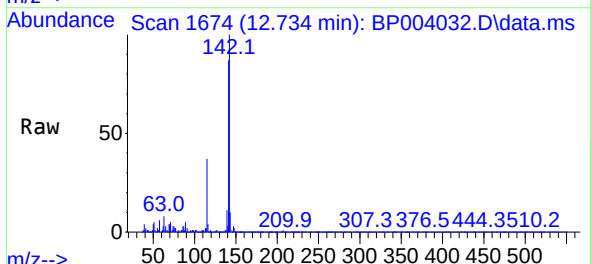
Tgt Ion:128 Resp: 270274
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.3 10.6 15.8

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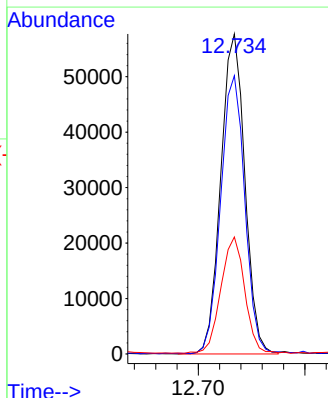
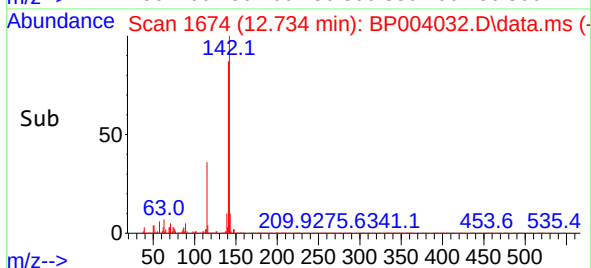
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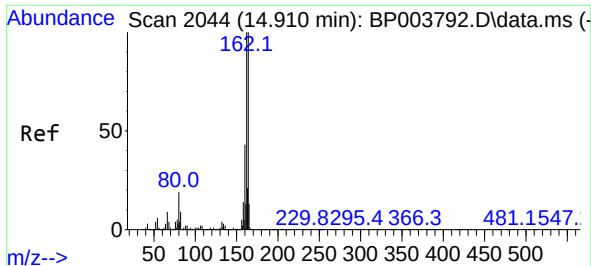


#37
2-Methylnaphthalene
Concen: 3.99 ng
RT: 12.734 min Scan# 1674
Delta R.T. -0.024 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42



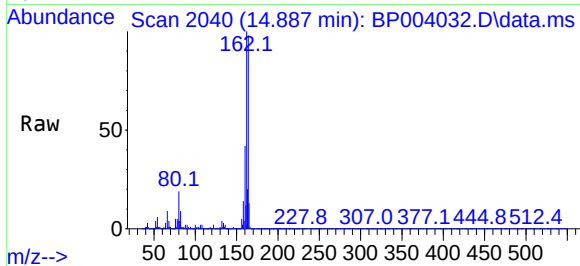
Tgt Ion:142 Resp: 90449
Ion Ratio Lower Upper
142 100
141 87.0 71.4 107.2
115 36.5 25.8 38.6





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.024 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

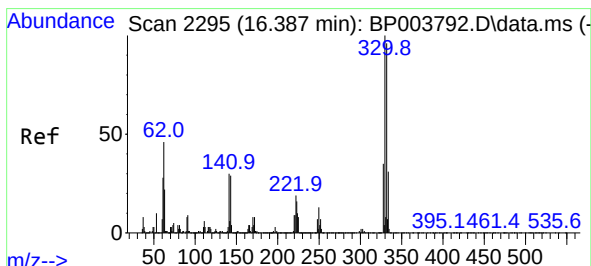
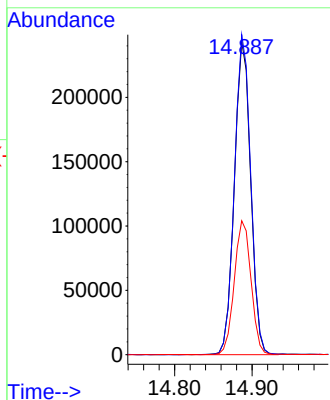
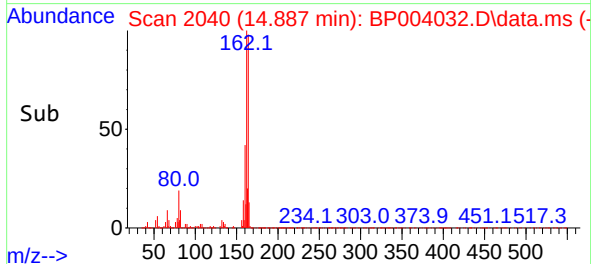
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BNA_P
ClientSampleId :
TR-04-111920



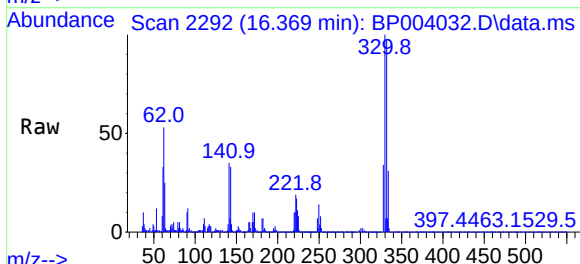
Tgt Ion:164 Resp: 356836
Ion Ratio Lower Upper
164 100
162 102.2 79.4 119.2
160 42.8 36.1 54.1

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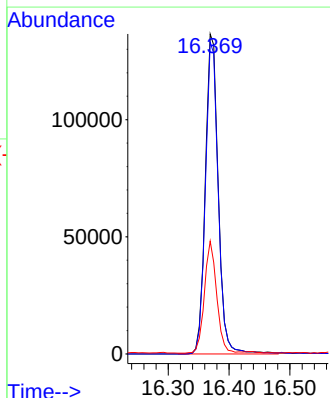
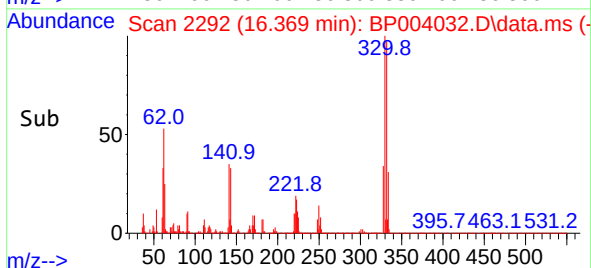
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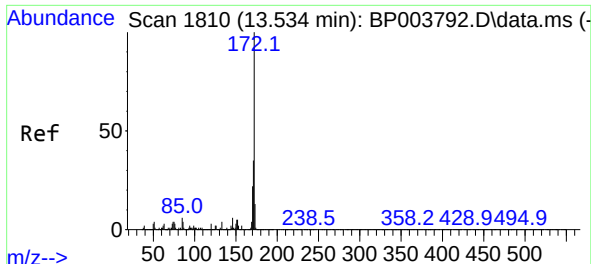


#42
2,4,6-Tribromophenol
Concen: 45.17 ng
RT: 16.369 min Scan# 2292
Delta R.T. -0.018 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42



Tgt Ion:330 Resp: 201577
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 33.2 23.4 35.2





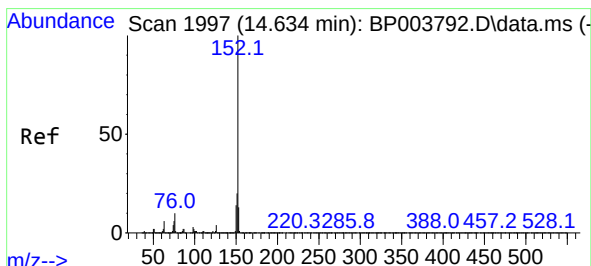
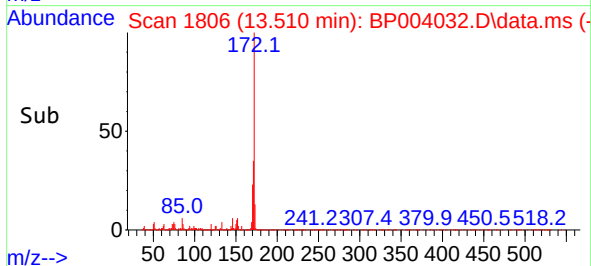
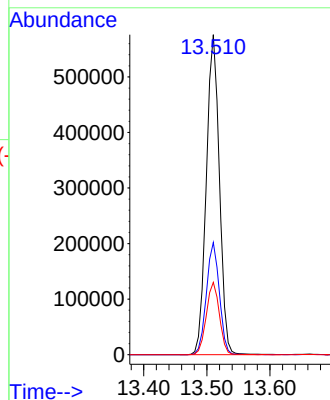
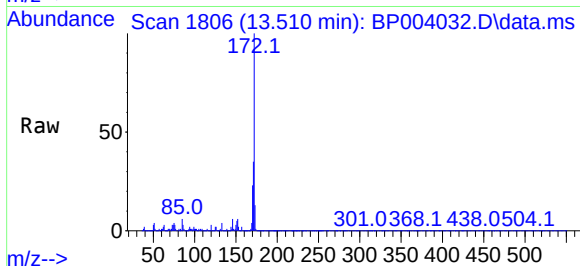
#45
2-Fluorobiphenyl
Concen: 32.45 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.024 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

Tgt Ion:	172	Resp:	828138
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.5	42.7
170	22.6	19.2	28.8

Instrument :
BNA_P
ClientSampleId :
TR-04-111920

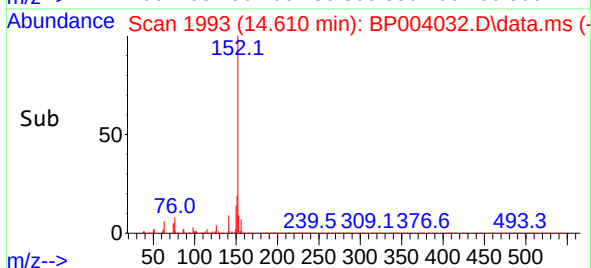
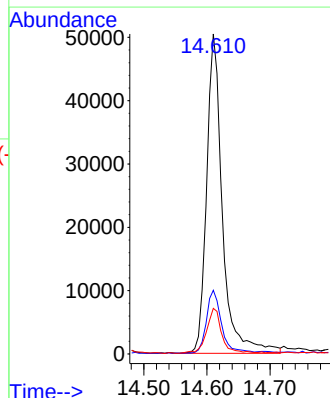
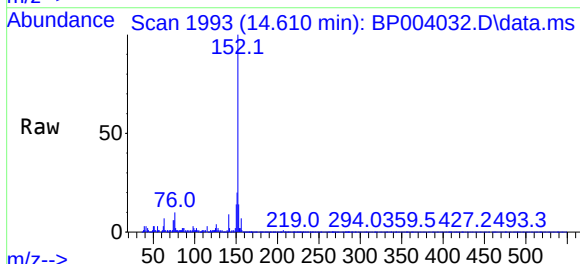
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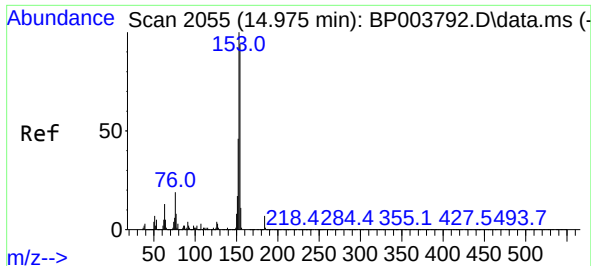
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#49
Acenaphthylene
Concen: 2.63 ng
RT: 14.610 min Scan# 1993
Delta R.T. -0.024 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

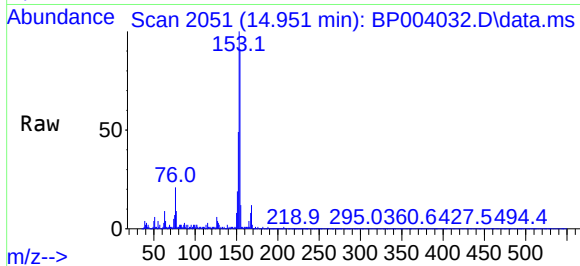
Tgt Ion:	152	Resp:	87754
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.9	23.9
153	14.3	10.5	15.7





#52
Acenaphthene
Concen: 2.31 ng
RT: 14.951 min Scan# 2051
Delta R.T. -0.024 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

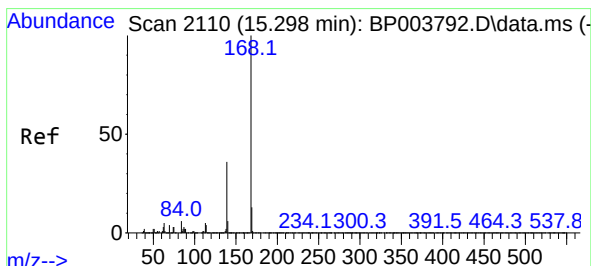
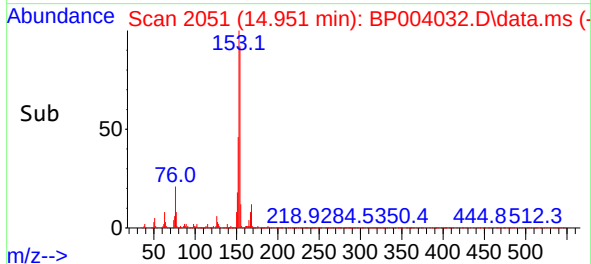
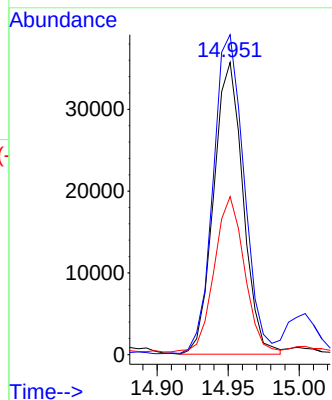
Instrument :
BNA_P
ClientSampleID :
TR-04-111920



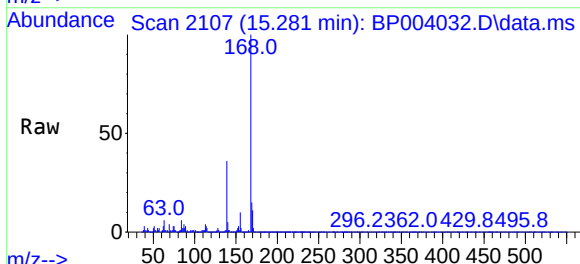
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Ion Ratio Lower Upper
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153 109.4 91.0 136.6
152 54.1 43.0 64.6

Manual Integrations
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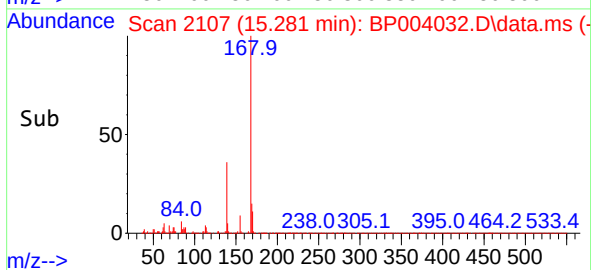
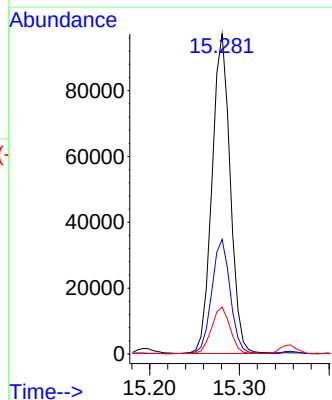
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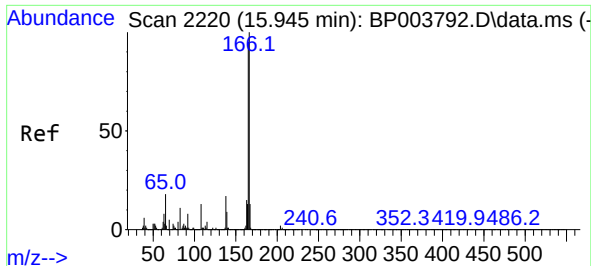


#55
Dibenzofuran
Concen: 4.14 ng
RT: 15.281 min Scan# 2107
Delta R.T. -0.018 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42



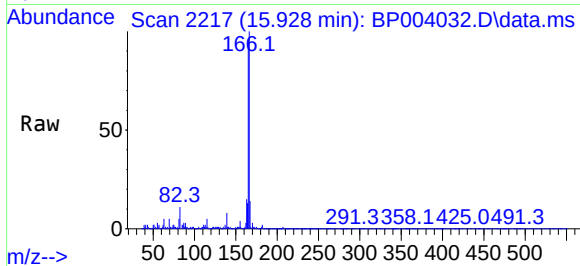
Tgt Ion:168 Resp: 136781
Ion Ratio Lower Upper
168 100
139 35.8 29.1 43.7
169 14.7 10.4 15.6





#58
Fluorene
Concen: 3.55 ng
RT: 15.928 min Scan# 2217
Delta R.T. -0.018 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

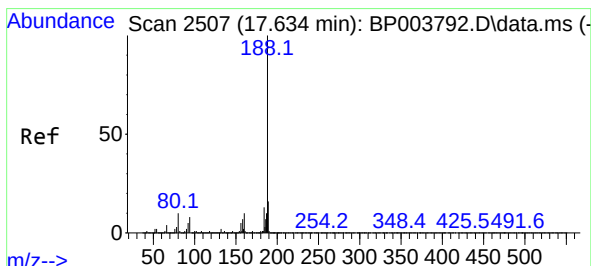
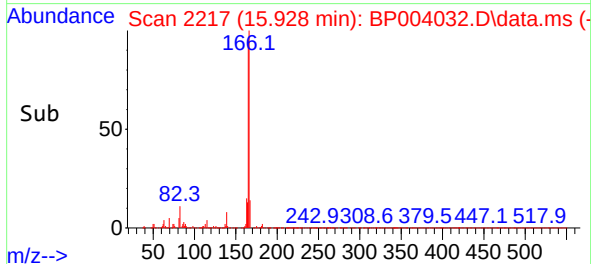
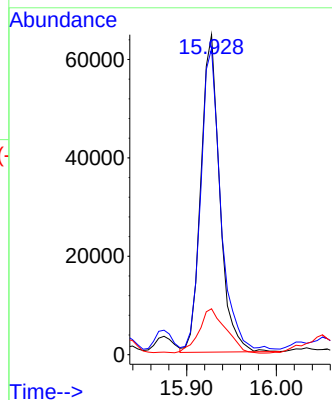
Instrument :
BNA_P
ClientSampleId :
TR-04-111920



Tgt Ion:166 Resp: 93975
Ion Ratio Lower Upper
166 100
165 95.7 77.8 116.8
167 14.3 11.0 16.4

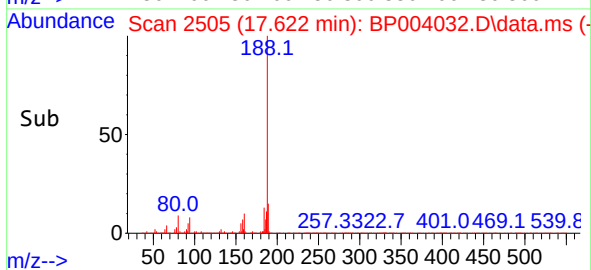
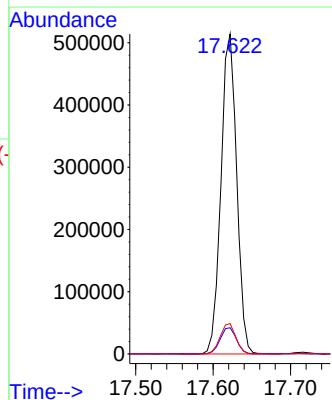
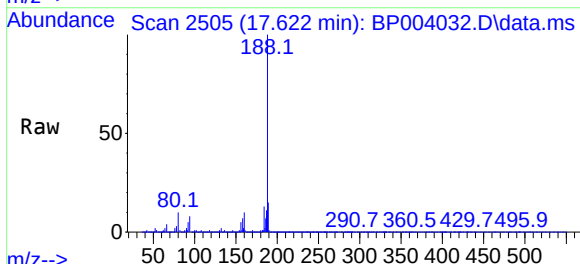
Manual Integrations
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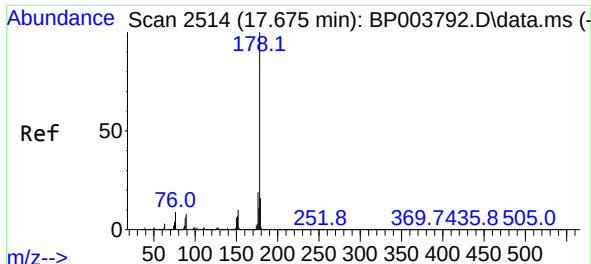
mohammad
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. -0.012 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

Tgt Ion:188 Resp: 725115
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 9.5 6.2 9.2#





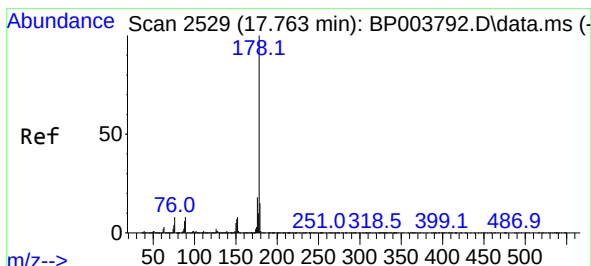
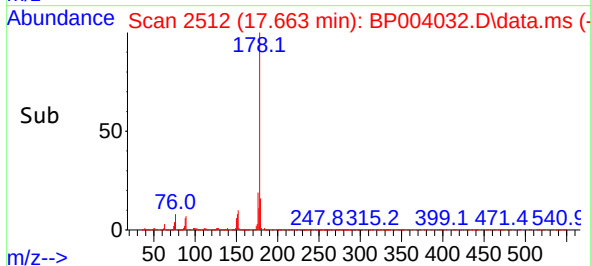
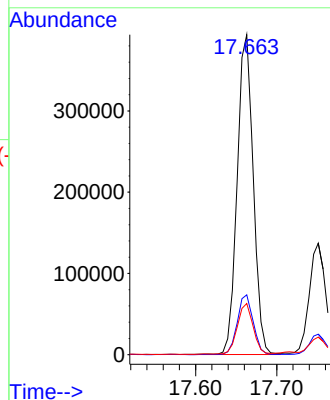
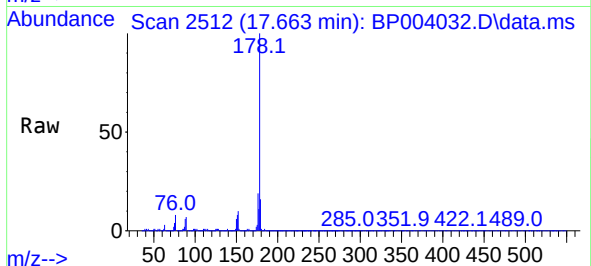
#71
Phenanthrene
Concen: 13.25 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.012 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

Tgt Ion:178 Resp: 539405
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 16.0 12.5 18.7

Instrument :
BNA_P
ClientSampleId :
TR-04-111920

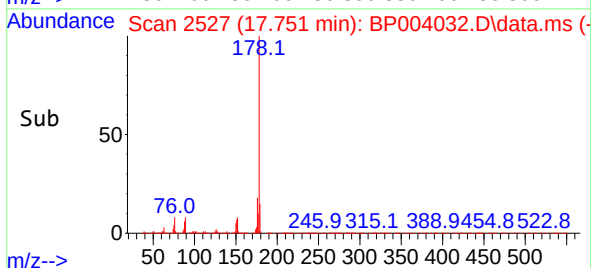
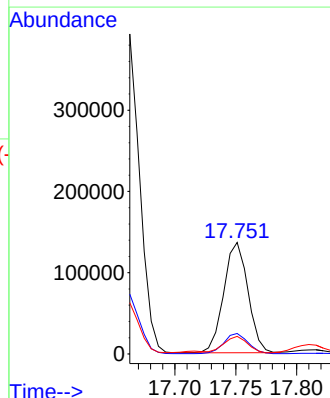
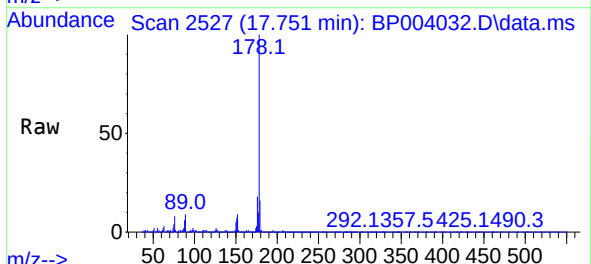
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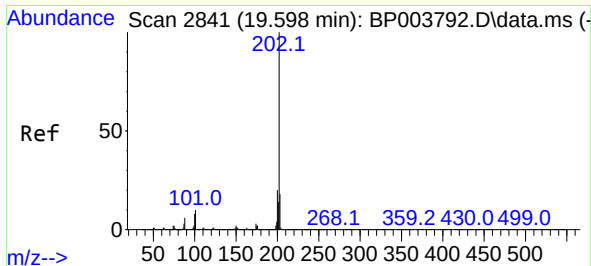
mohammad
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#72
Anthracene
Concen: 4.80 ng
RT: 17.751 min Scan# 2527
Delta R.T. -0.012 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

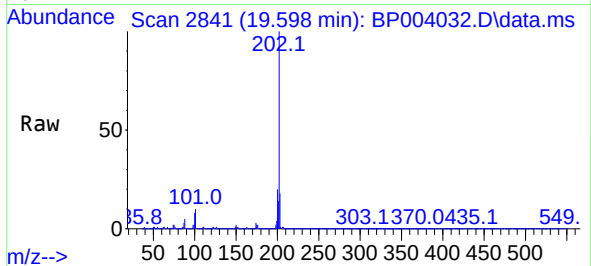
Tgt Ion:178 Resp: 188511
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.8 12.5 18.7





#75
Fluoranthene
Concen: 28.15 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

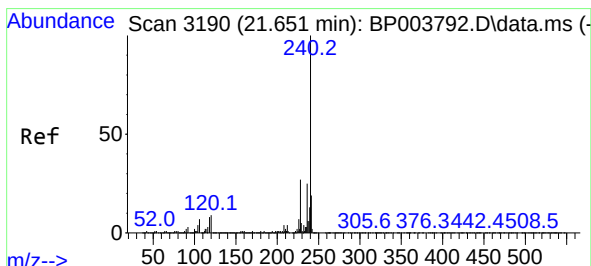
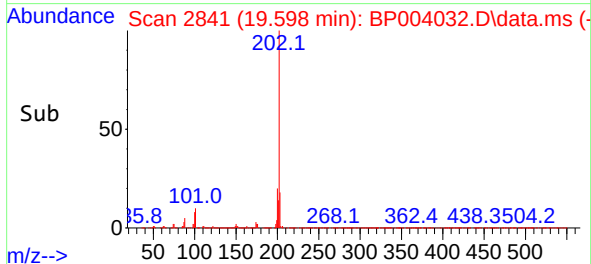
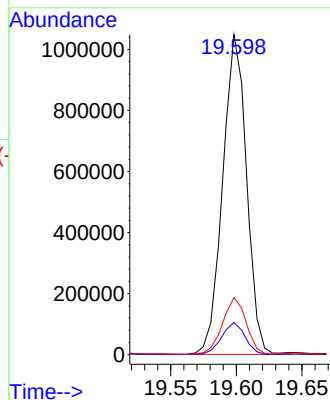
Instrument :
BNA_P
ClientSampleId :
TR-04-111920



Tgt Ion:202 Resp: 1321902
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.4
203 17.8 0.0 37.8

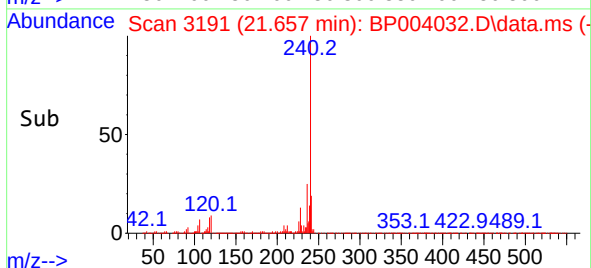
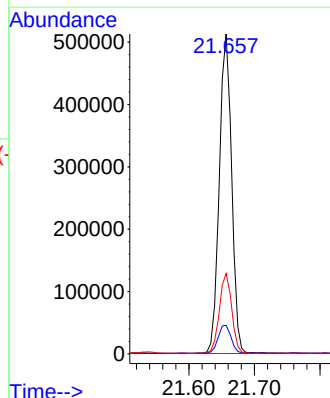
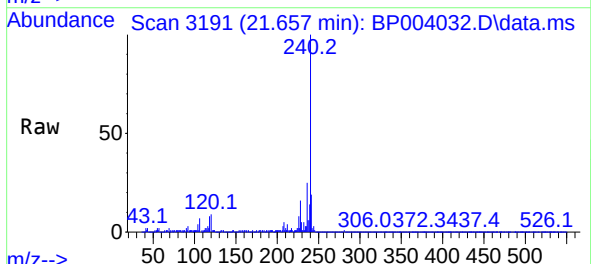
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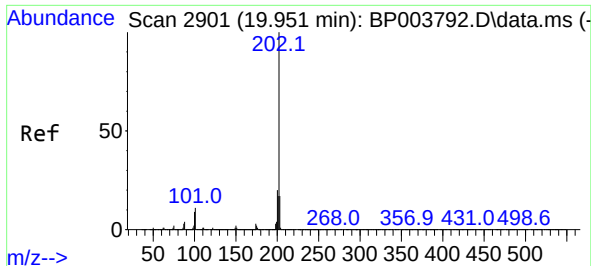
mohammad
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. 0.006 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

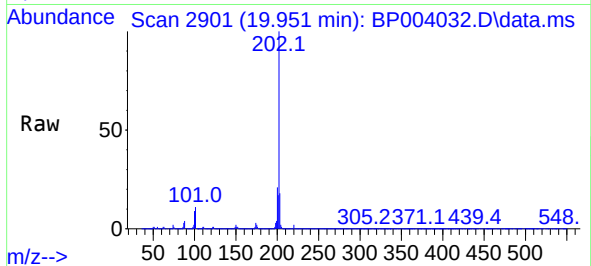
Tgt Ion:240 Resp: 666289
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 25.2 20.8 31.2





#78
Pyrene
Concen: 31.71 ng
RT: 19.951 min Scan# 2901
Delta R.T. -0.000 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

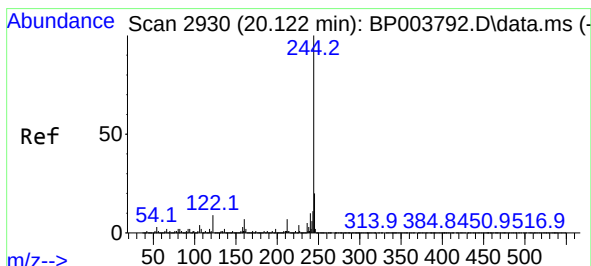
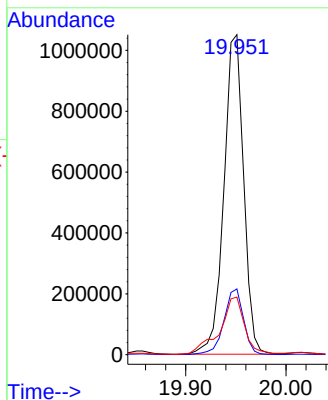
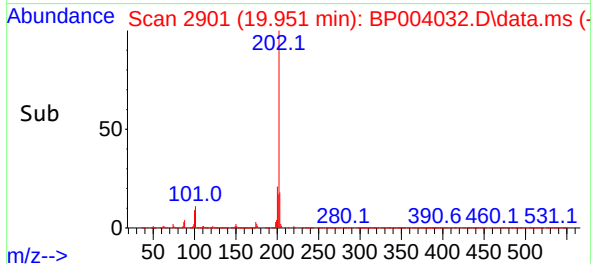
Instrument :
BNA_P
ClientSampleId :
TR-04-111920



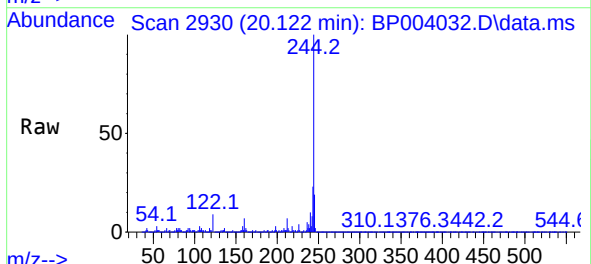
Tgt Ion:202 Resp: 1433613
Ion Ratio Lower Upper
202 100
200 20.6 17.1 25.7
203 18.0 14.2 21.2

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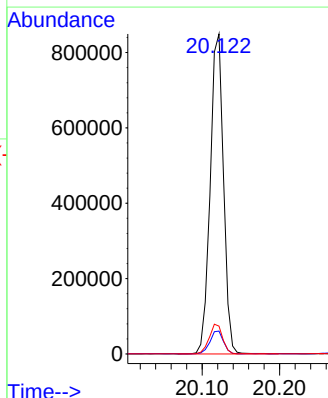
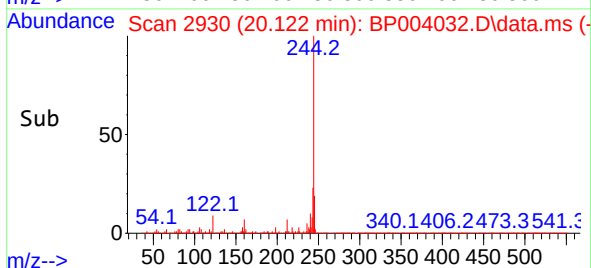
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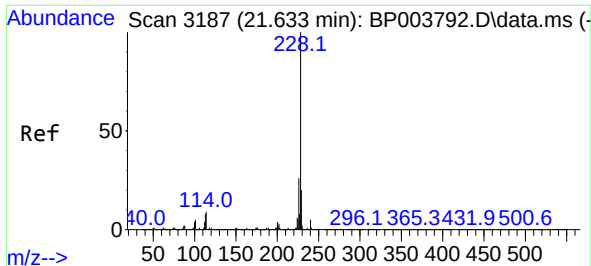


#79
Terphenyl-d14
Concen: 29.44 ng
RT: 20.122 min Scan# 2930
Delta R.T. -0.000 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

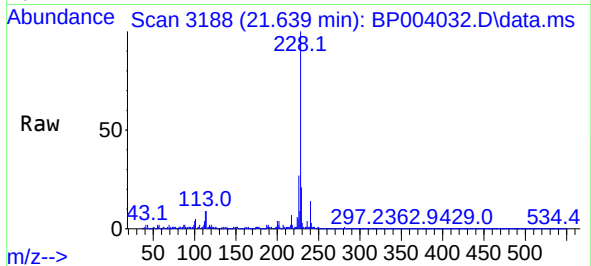


Tgt Ion:244 Resp: 1015412
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 8.7 7.8 11.8

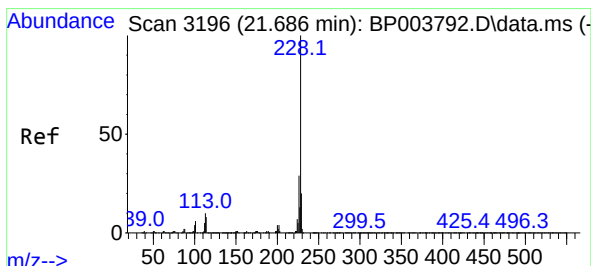
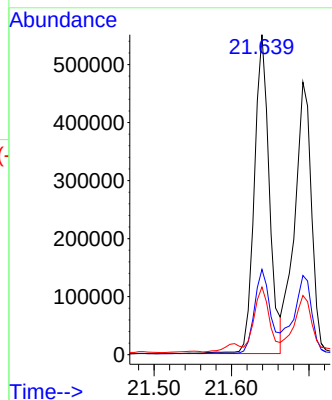
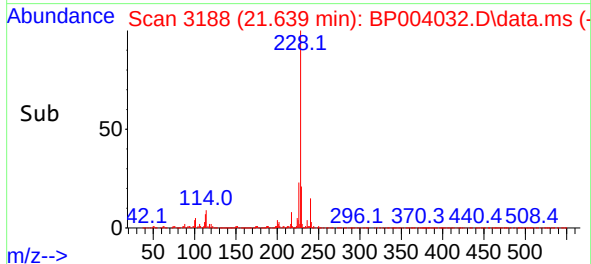




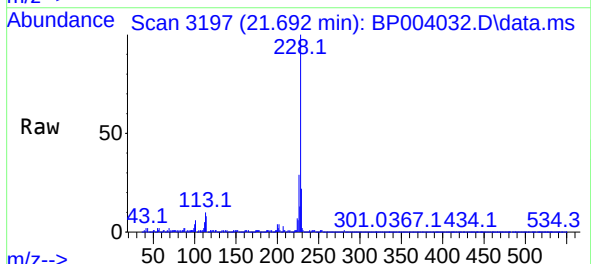
#81
Benzo(a)anthracene
Concen: 16.78 ng
RT: 21.639 min Scan# 3188
Delta R.T. 0.006 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42



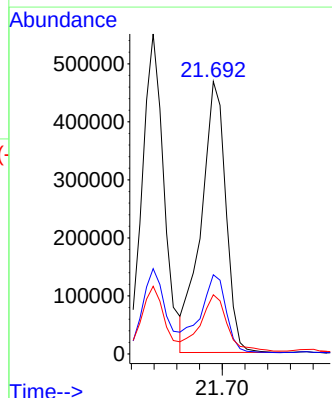
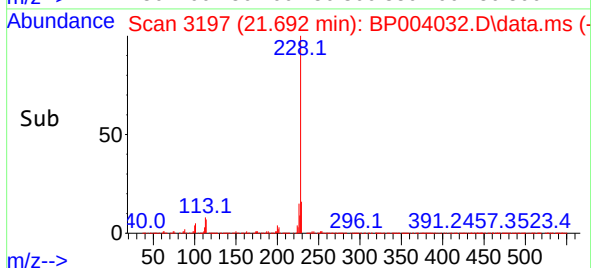
Tgt Ion:228 Resp: 737498
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 21.2 15.9 23.9



#83
Chrysene
Concen: 16.72 ng
RT: 21.692 min Scan# 3197
Delta R.T. 0.006 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42



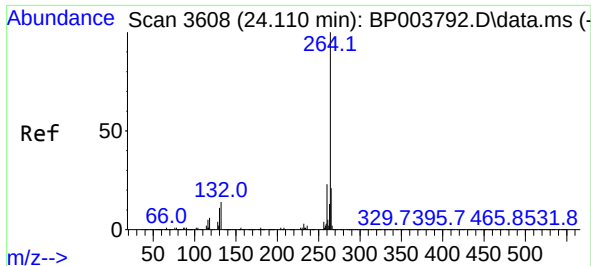
Tgt Ion:228 Resp: 705956
Ion Ratio Lower Upper
228 100
226 29.1 24.4 36.6
229 21.7 15.8 23.6



Instrument :
BNA_P
ClientSampleId :
TR-04-111920

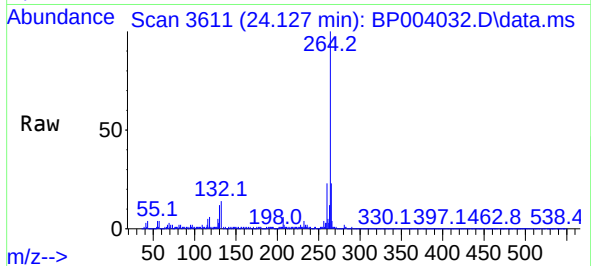
Manual Integrations
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.127 min Scan# 3611
Delta R.T. 0.018 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

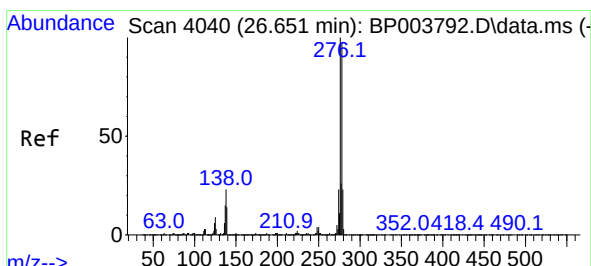
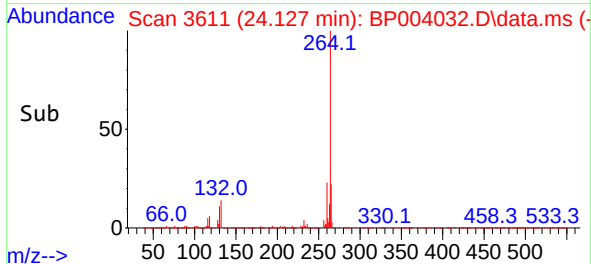
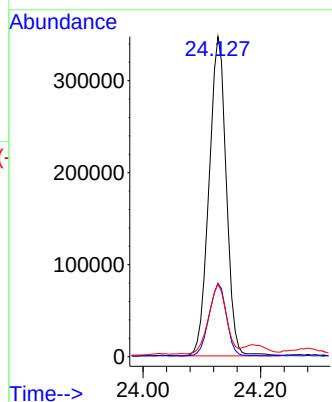
Instrument :
BNA_P
ClientSampleId :
TR-04-111920



Tgt Ion:264 Resp: 705667
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 22.7 17.4 26.2

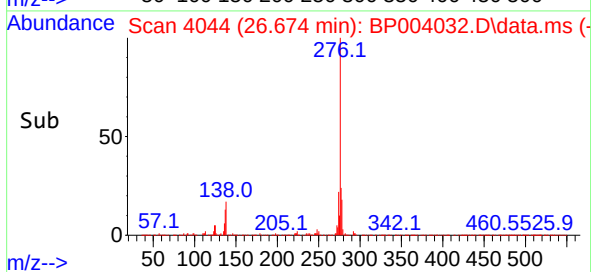
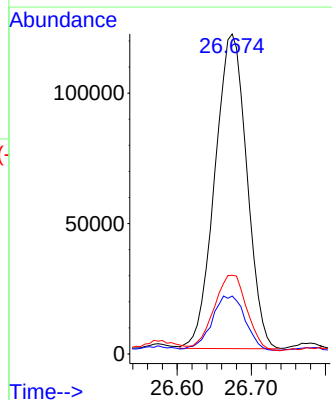
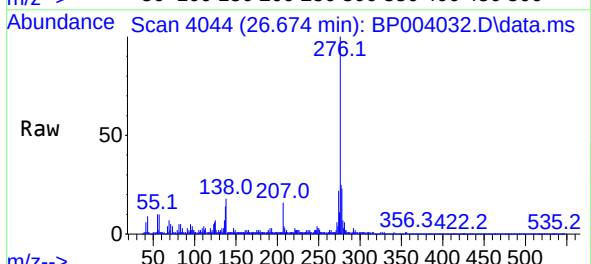
Manual Integrations
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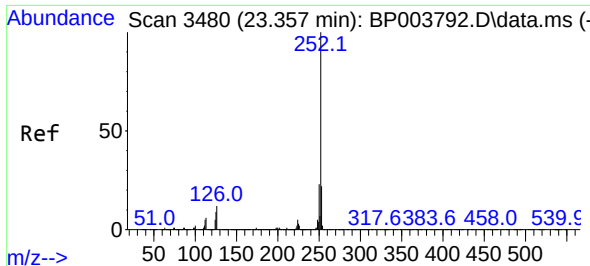
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#87
Indeno(1,2,3-cd)pyrene
Concen: 7.09 ng
RT: 26.674 min Scan# 4044
Delta R.T. 0.023 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

Tgt Ion:276 Resp: 361168
Ion Ratio Lower Upper
276 100
138 18.3 18.7 28.1#
277 24.8 20.4 30.6





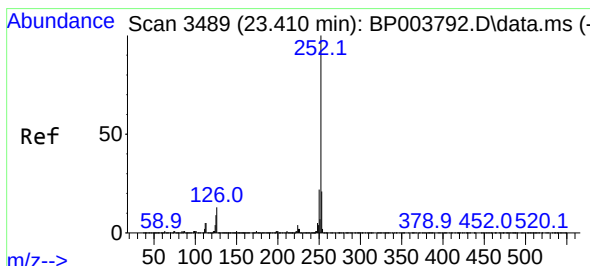
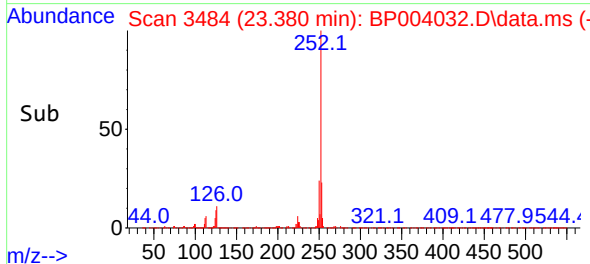
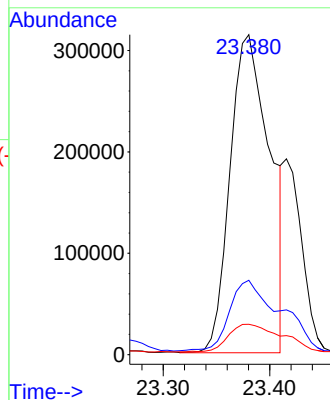
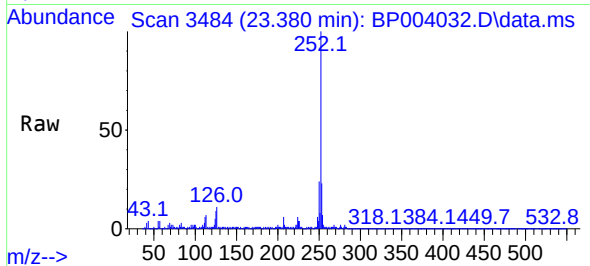
#88
Benzo(b)fluoranthene
Concen: 17.68 ng m
RT: 23.380 min Scan# 3484
Delta R.T. 0.023 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

Tgt Ion:252 Resp: 816442
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 9.5 7.3 10.9

Instrument :
BNA_P
ClientSampleId :
TR-04-111920

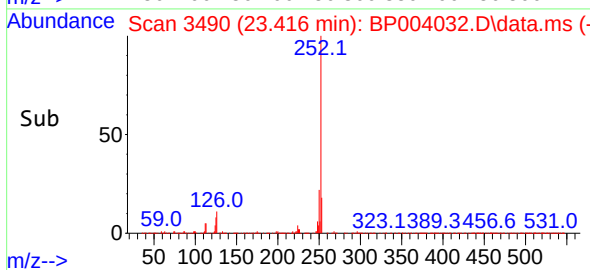
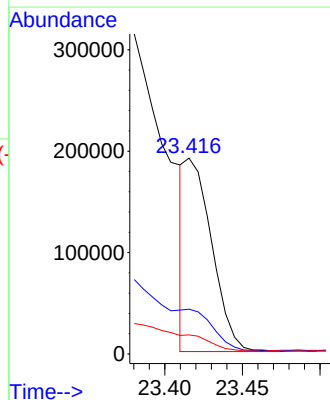
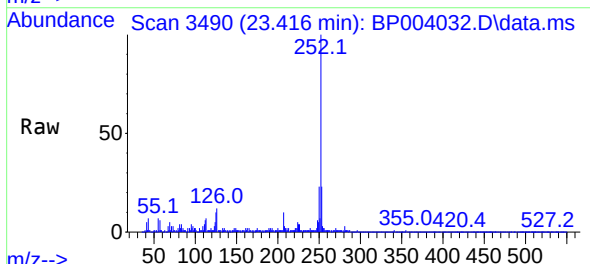
Manual Integrations
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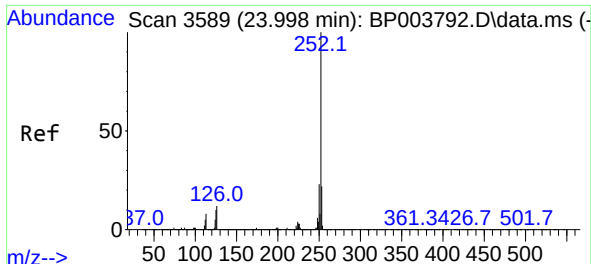
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#89
Benzo(k)fluoranthene
Concen: 4.97 ng m
RT: 23.416 min Scan# 3490
Delta R.T. 0.006 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

Tgt Ion:252 Resp: 226783
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 9.7 7.4 11.2





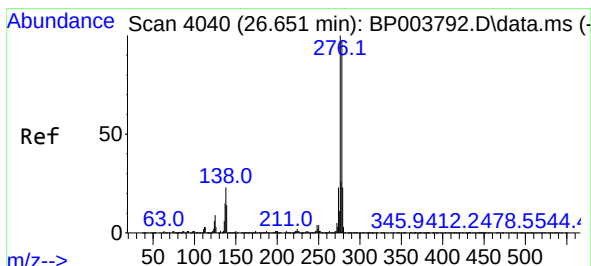
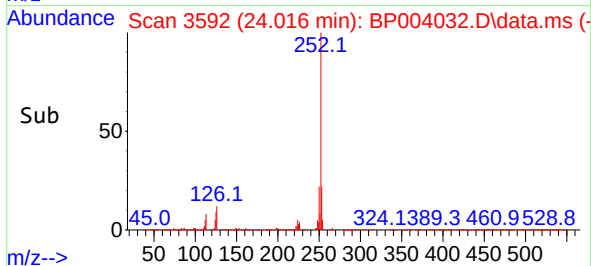
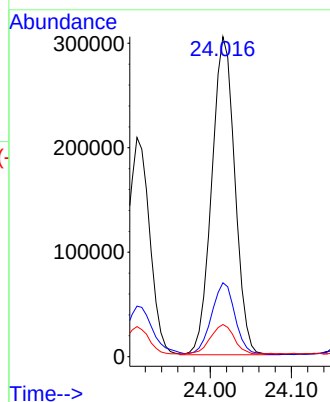
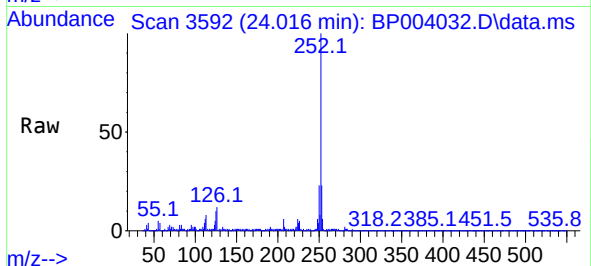
#90
Benzo(a)pyrene
Concen: 14.07 ng
RT: 24.016 min Scan# 3592
Delta R.T. 0.018 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

Tgt Ion:	252	Resp:	601656
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.0
125	10.1	8.2	12.4

Instrument :
BNA_P
ClientSampleId :
TR-04-111920

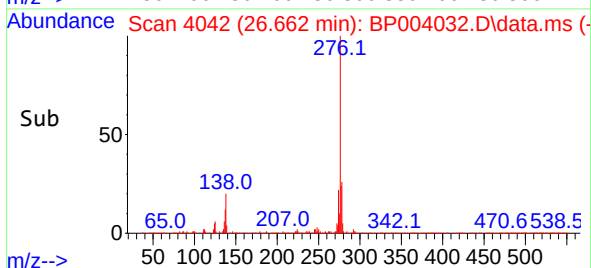
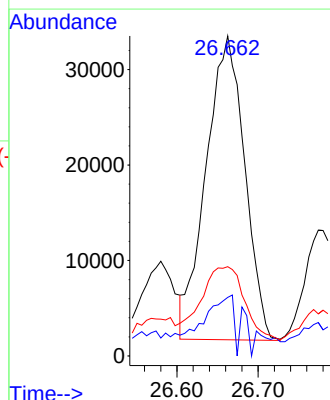
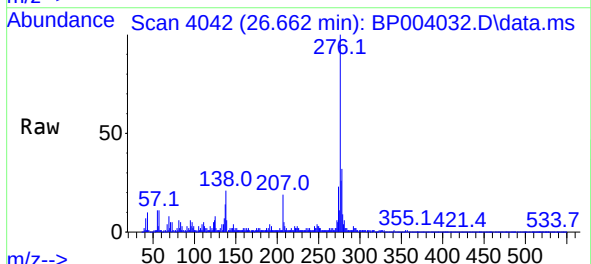
Manual Integrations
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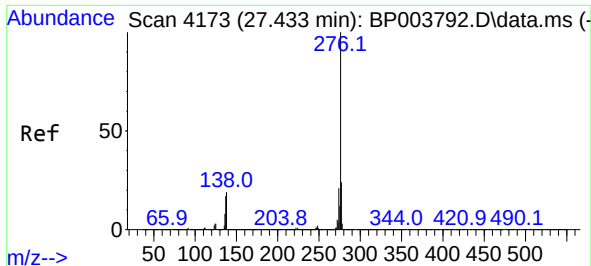
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 2.48 ng
RT: 26.662 min Scan# 4042
Delta R.T. 0.012 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

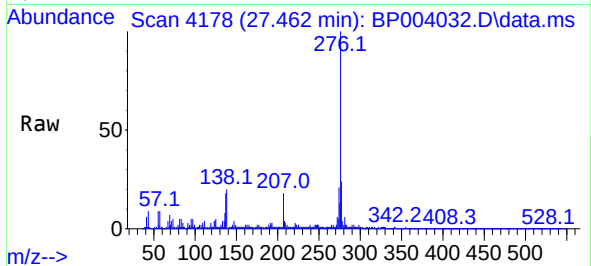
Tgt Ion:	278	Resp:	105327
Ion Ratio	Lower	Upper	
278	100		
139	18.3	12.4	18.6
279	27.9	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 8.98 ng
RT: 27.462 min Scan# 4178
Delta R.T. 0.029 min
Lab File: BP004032.D
Acq: 20 Nov 2020 19:42

Instrument :
BNA_P
ClientSampleId :
TR-04-111920



Tgt Ion: 276 Resp: 368835
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.6
138 19.8 16.6 24.8

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