

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091219\
 Data File : BP000215.D
 Acq On : 12 Sep 2019 14:02
 Operator : HP/JU
 Sample : K4634-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D30

Manual Integrations
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mohammad
 9/16/2019 9:08:58 AM

Quant Time: Sep 13 13:17:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	362165	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1341714	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	678206	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	1127605	20.00	ng/ul	0.00
78) Chrysene-d12	14.20	240	533143m	20.00	ng/ul	0.06
86) Perylene-d12	15.79	264	650518m	20.00	ng/ul	0.11

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.60	96	27703	2.71	ng/uL	0.00
5) Phenol-d5	6.51	99	534350	17.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	282914	17.54	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	440000	17.64	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	399510	17.24	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	207870	20.40	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	212715	21.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	378564	17.98	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	141789	5.45	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1017495	20.32	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1192356	19.27	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	122444	13.68	ng/ul	0.00
58) Fluorene-d10	10.47	176	807454	18.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.55	200	33437	6.45	ng/ul	0.02
71) Anthracene-d10	11.52	188	1011911	18.53	ng/ul	0.01
79) Pyrene-d10	12.92	212	888257	28.01	ng/ul	0.02
90) Benzo(a)pyrene-d12	15.70	264	645313m	19.14	ng/ul	0.11

Target Compounds

					Ovalue
6) Phenol	6.52	94	105265	3.274	ng/ul 97
28) Naphthalene	8.20	128	762372	10.431	ng/ul 98
34) 2-Methylnaphthalene	8.89	142	262656	5.262	ng/ul 98
41) 1,1'-Biphenyl	9.36	154	68326	1.223	ng/ul 98
45) Dimethylphthalate	9.66	163	256633	5.078	ng/ul 99
48) Acenaphthylene	9.80	152	72037	1.113	ng/ul# 95
50) Acenaphthene	9.98	153	1606966	35.868	ng/ul 97
54) Dibenzofuran	10.15	168	661523	10.762	ng/ul 98
59) Fluorene	10.50	166	661312	13.908	ng/ul 98
70) Phenanthrene	11.50	178	9370127m	140.516	ng/ul
72) Anthracene	11.54	178	2521226	38.423	ng/ul 99
75) Carbazole	11.69	167	2251905	40.139	ng/ul 98
77) Fluoranthene	12.73	202	15228662	226.422	ng/ul 99
80) Pyrene	12.97	202	13545849m	336.766	ng/ul
83) Benzo(a)anthracene	14.19	228	12821803m	332.234	ng/ul
85) Chrysene	14.24	228	9434237m	266.399	ng/ul
88) Benzo(b)fluoranthene	15.35	252	12644462m	293.274	ng/ul
89) Benzo(k)fluoranthene	15.37	252	10714180m	263.624	ng/ul
91) Benzo(a)pyrene	15.76	252	9994987m	247.081	ng/ul
92) Indeno(1,2,3-cd)pyrene	17.47	276	9028738m	194.009	ng/ul
93) Dibenz(a,h)anthracene	17.46	278	3173263m	82.323	ng/ul
94) Benzo(a,h,i)perylene	17.95	276	8887433m	229.047	ng/ul

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

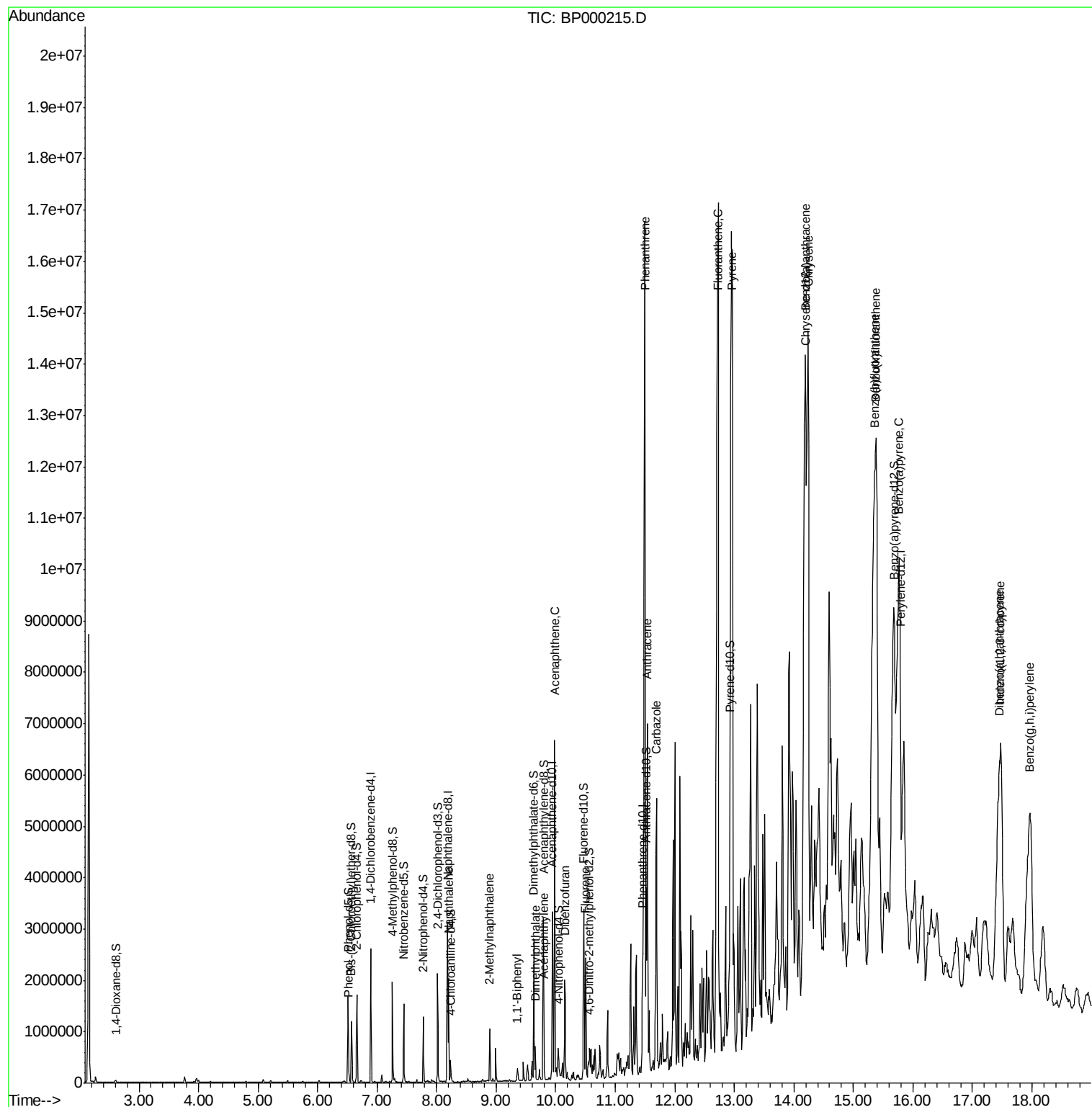
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
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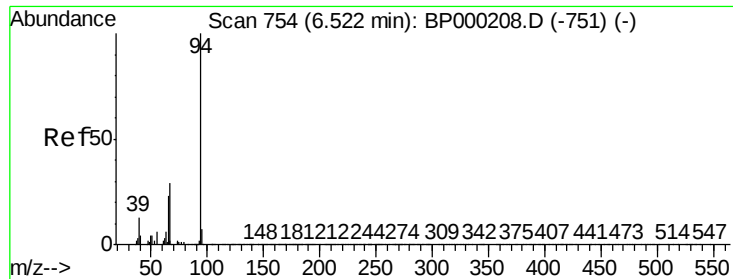
Instrument :
BNA_P
ClientSampled :
F2D30

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.274 ng/ul

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BP000215.D

Acq: 12 Sep 2019 14:02

Instrument :

BNA_P

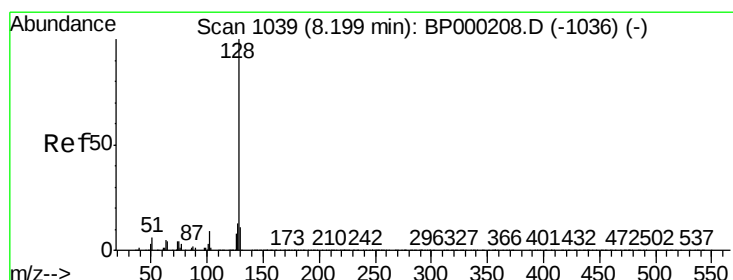
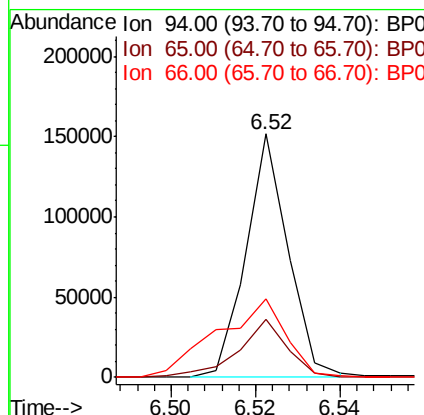
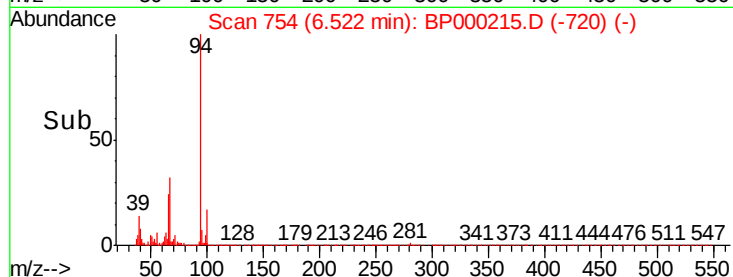
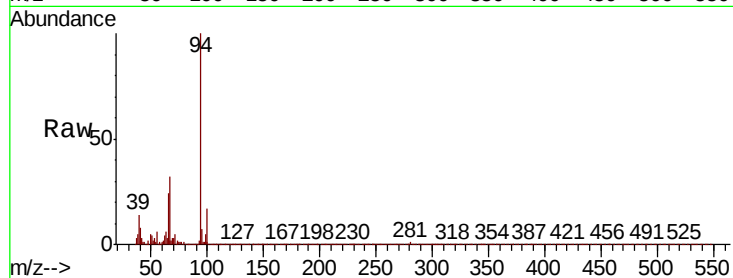
ClientSampleId :

F2D30

Tot Ion:	94	Resp:	105265
Ion Ratio	Lower	Upper	
94	100		
65	23.9	18.8	28.2
66	32.4	24.2	36.2

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#28

Naphthalene

Concen: 10.431 ng/ul

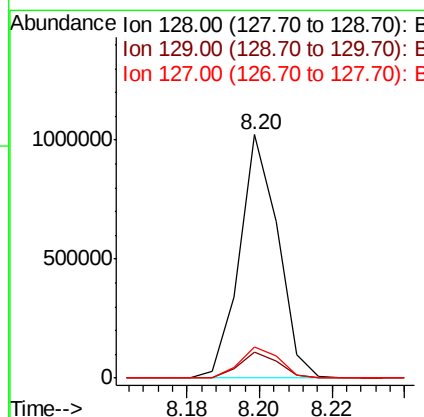
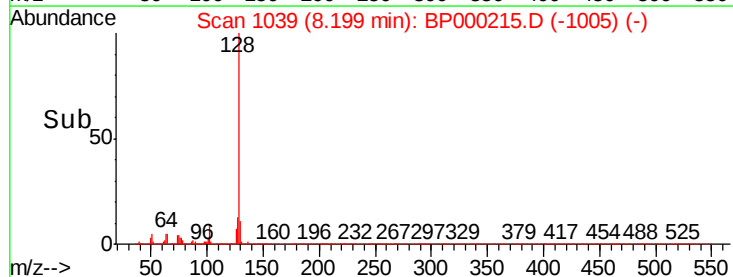
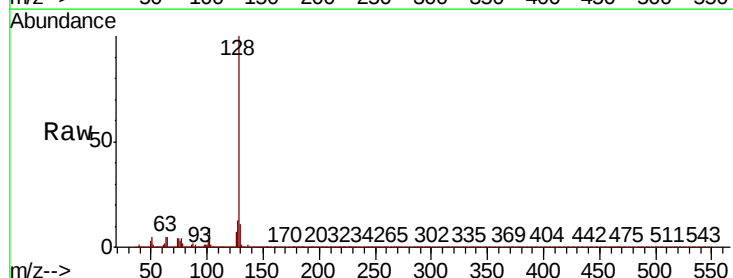
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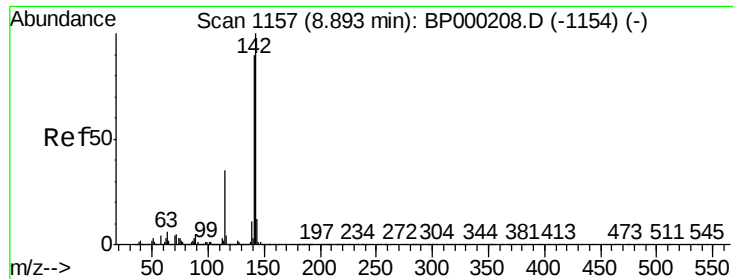
Delta R.T. 0.00 min

Lab File: BP000215.D

Acq: 12 Sep 2019 14:02

Tgt Ion:	128	Resp:	762372
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.1	13.7
127	12.7	10.7	16.1





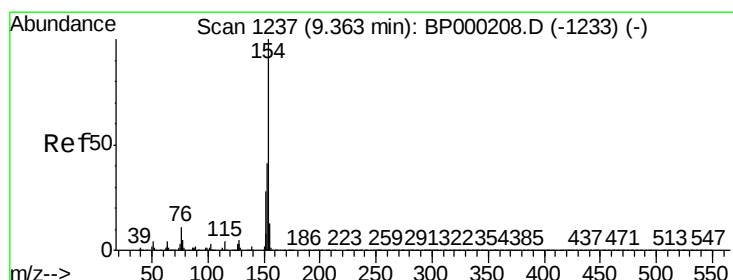
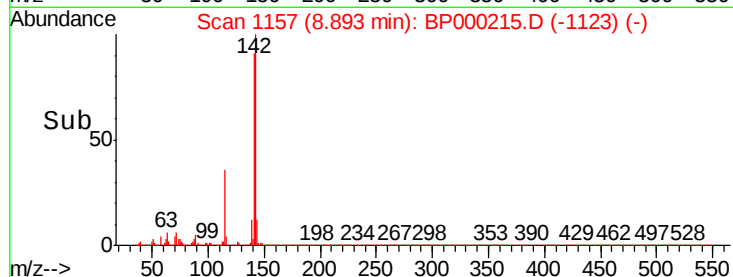
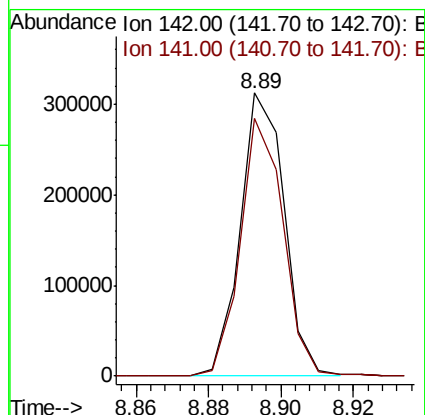
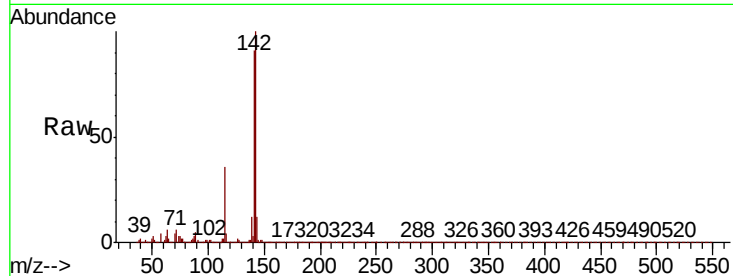
#34
 2-Methylnaphthalene
 Concen: 5.262 ng/ul
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BP000215.D
 Acq: 12 Sep 2019 14:02

Instrument :
 BNA_P
 ClientSampleId :
 F2D30

Tot Ion	Ratio	Resp	Lower	Upper
142	100	262656		
141	91.1		71.4	107.0

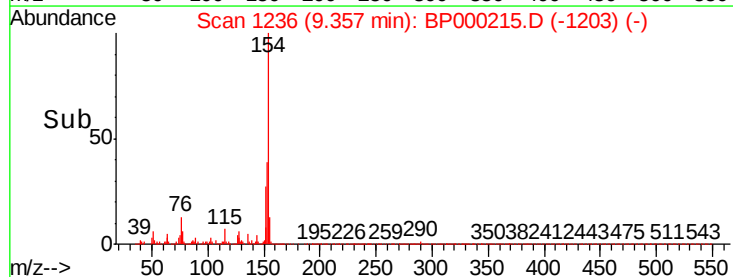
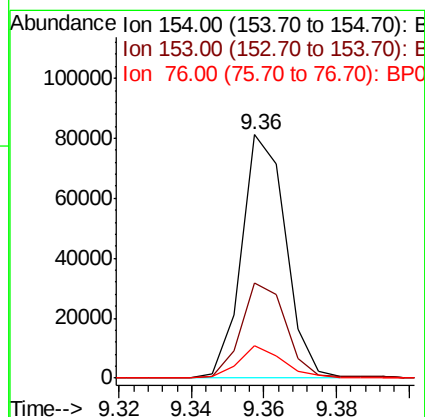
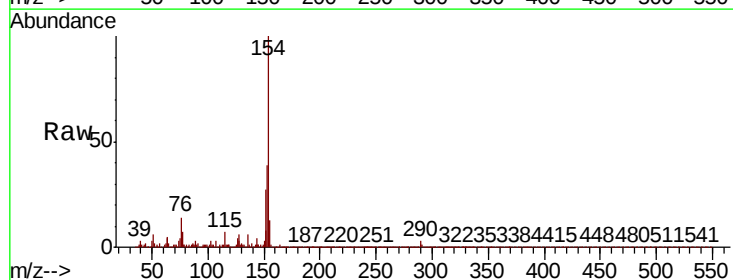
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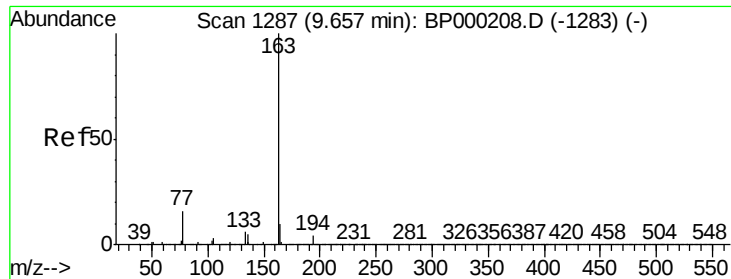
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#41
 1,1'-Biphenyl
 Concen: 1.223 ng/ul
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BP000215.D
 Acq: 12 Sep 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	68326		
153	39.1		32.6	48.8
76	13.5		11.5	17.3





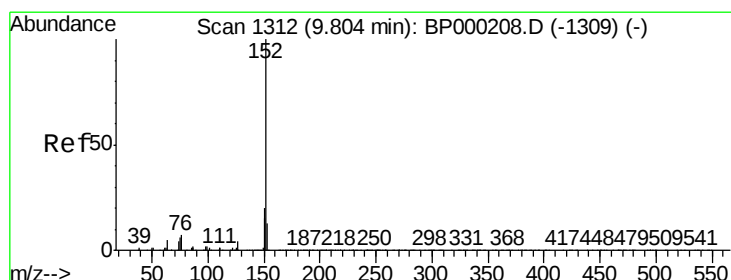
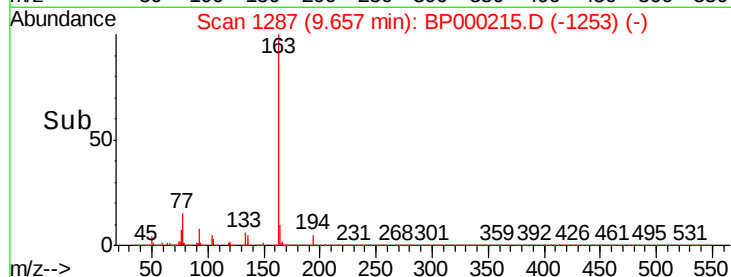
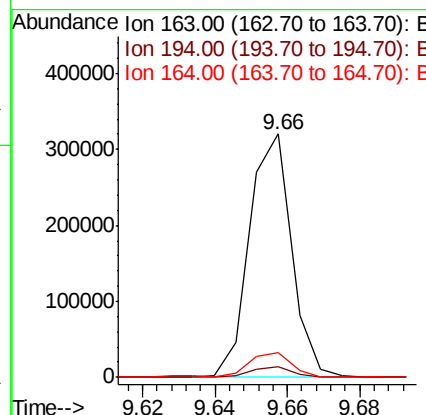
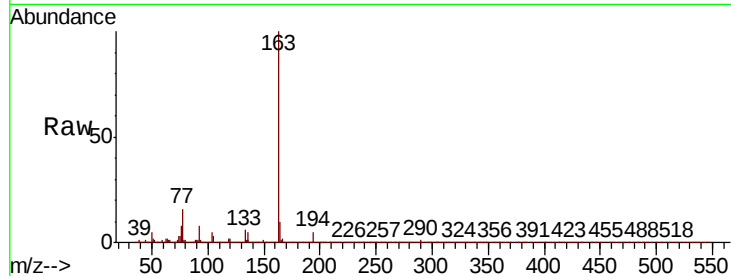
#45
Dimethylphthalate
Concen: 5.078 ng/ul
RT: 9.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BP000215.D
Acq: 12 Sep 2019 14:02

Instrument :
BNA_P
ClientSampleId :
F2D30

Tot Ion:	163	Resp:	256633
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.2	4.8
164	10.2	8.4	12.6

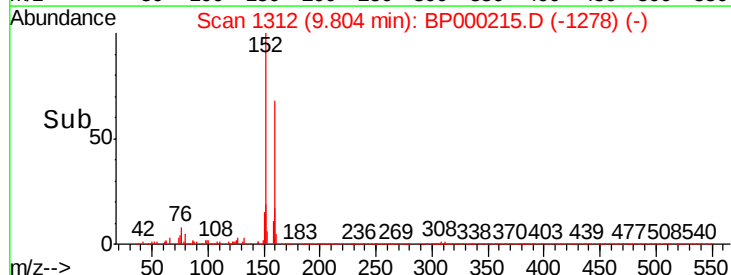
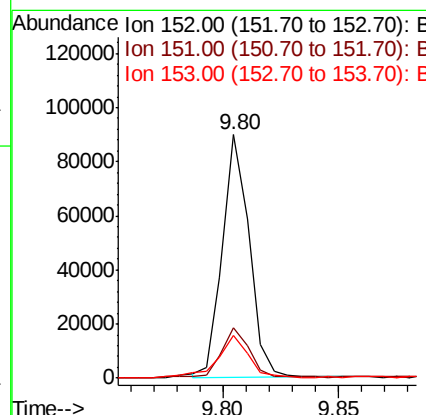
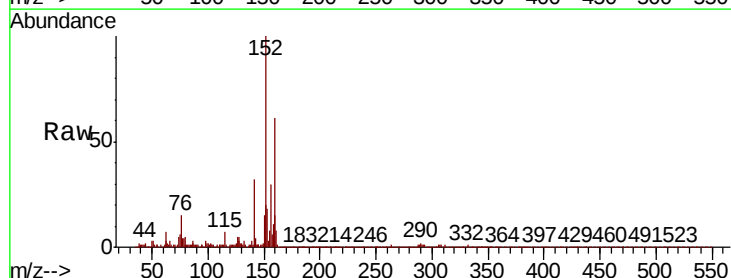
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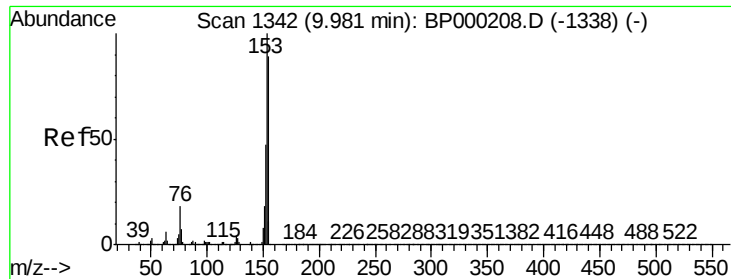
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#48
Acenaphthylene
Concen: 1.113 ng/ul
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BP000215.D
Acq: 12 Sep 2019 14:02

Tgt Ion:	152	Resp:	72037
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.1	24.1
153	17.6	10.8	16.2#





#50

Acenaphthene

Concen: 35.868 ng/ul

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BP000215.D

Acq: 12 Sep 2019 14:02

Instrument :

BNA_P

ClientSampleId :

F2D30

Tot Ion:153 Resp: 1606966

Ion Ratio Lower Upper

153 100

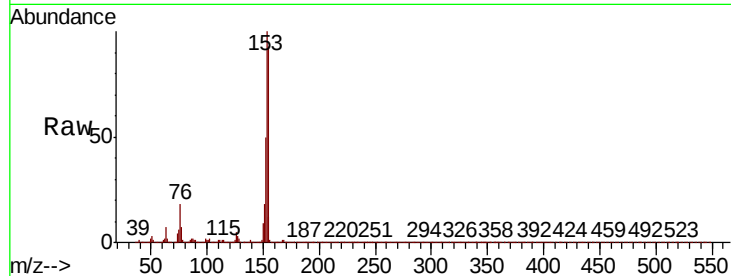
152 50.2 38.0 57.0

154 92.7 72.6 108.8

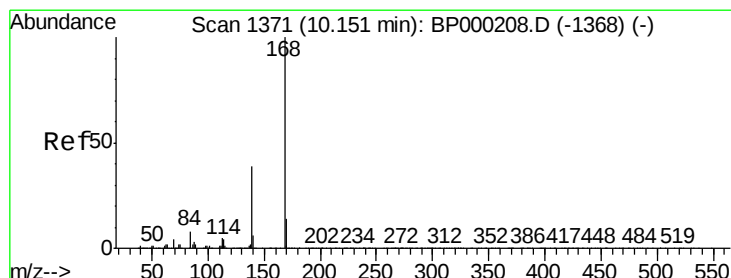
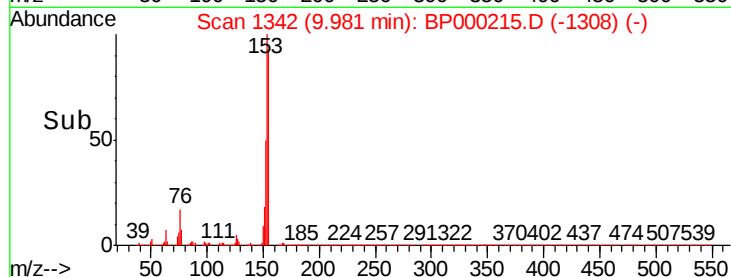
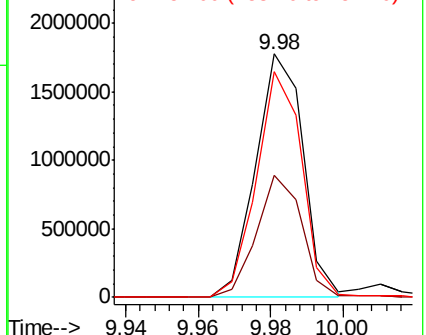
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 10.762 ng/ul

RT: 10.15 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BP000215.D

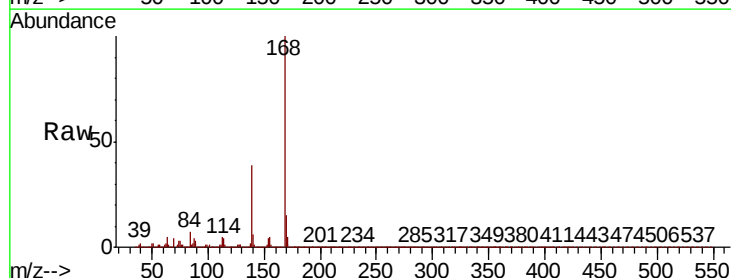
Acq: 12 Sep 2019 14:02

Tgt Ion:168 Resp: 661523

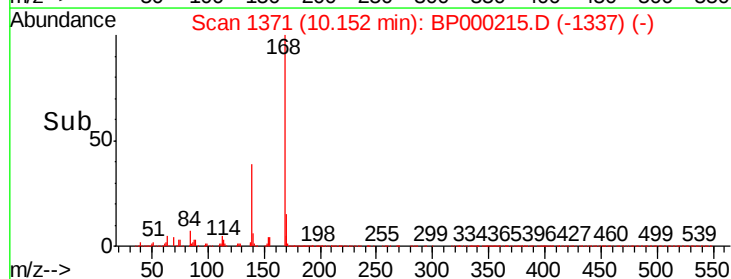
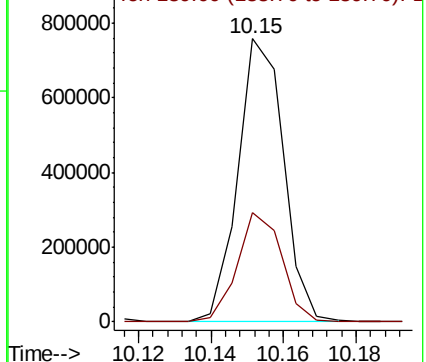
Ion Ratio Lower Upper

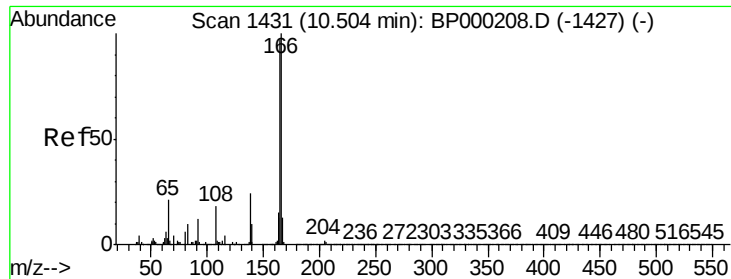
168 100

139 38.6 30.0 45.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





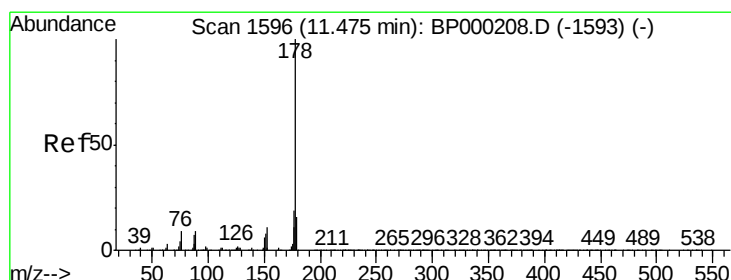
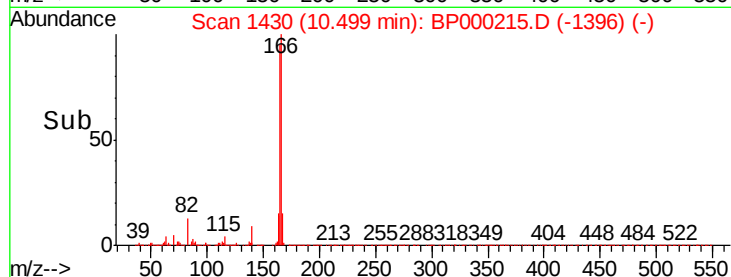
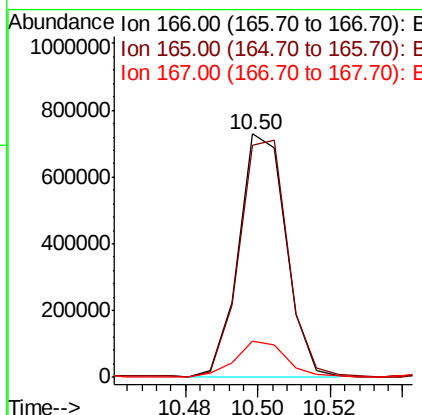
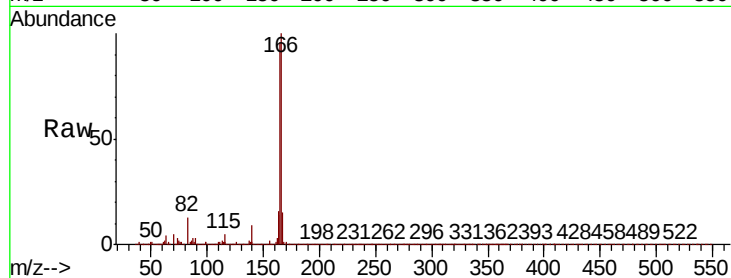
#59
Fluorene
Concen: 13.908 ng/ul
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BP000215.D
Acq: 12 Sep 2019 14:02

Instrument :
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ClientSampleID :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	95.5	77.8	116.8
167	15.0	10.9	16.3

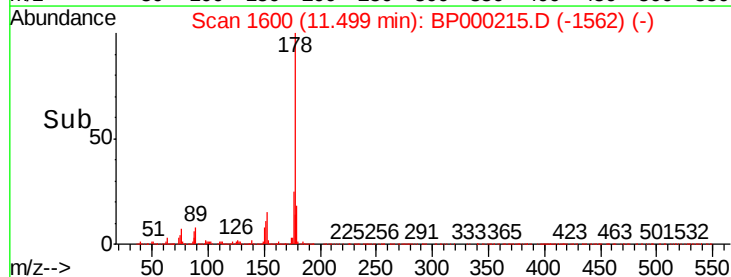
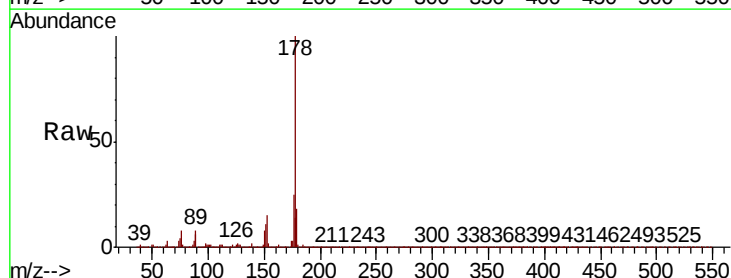
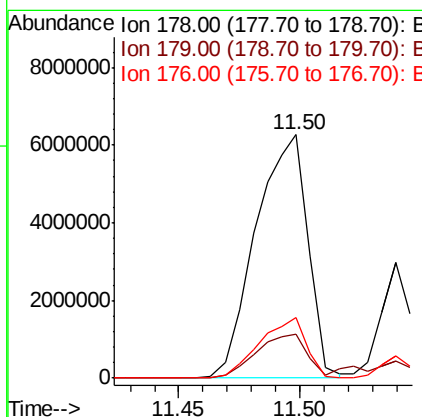
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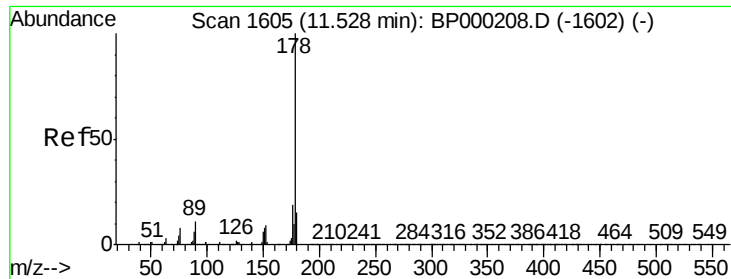
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#70
Phenanthrene
Concen: 140.516 ng/ul m
RT: 11.50 min Scan# 1600
Delta R.T. 0.02 min
Lab File: BP000215.D
Acq: 12 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.5	18.7
176	24.8	15.7	23.5





#72

Anthracene

Concen: 38.423 ng/ul

RT: 11.54 min Scan# 1607

Delta R.T. 0.01 min

Lab File: BP000215.D

Acq: 12 Sep 2019 14:02

Instrument :

BNA_P

ClientSampleId :

F2D30

Tot Ion:178 Resp: 2521226

Ion Ratio Lower Upper

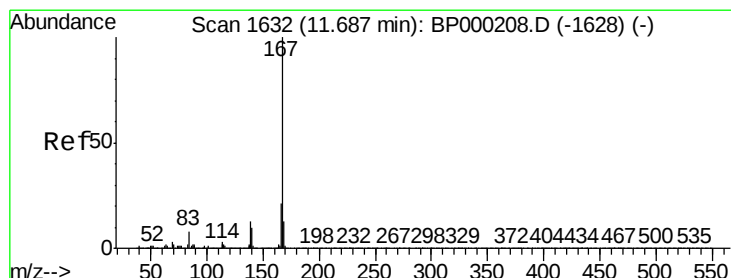
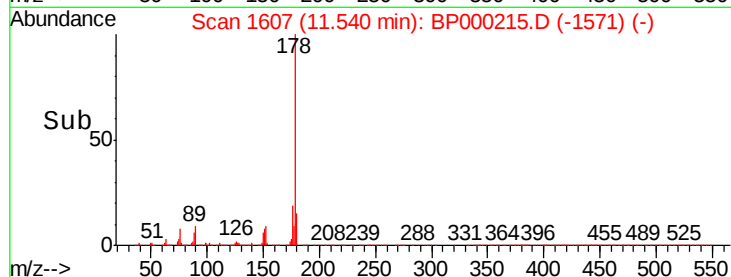
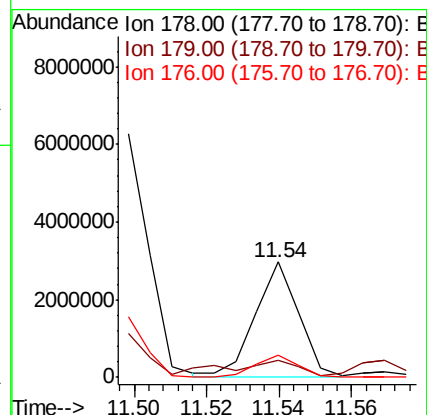
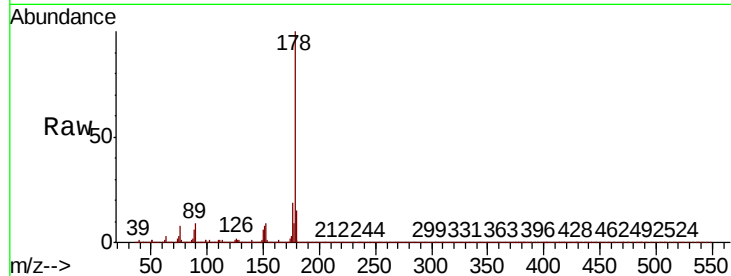
178 100

179 15.0 12.3 18.5

176 19.3 15.1 22.7

Manual Integrations
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#75

Carbazole

Concen: 40.139 ng/ul

RT: 11.69 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BP000215.D

Acq: 12 Sep 2019 14:02

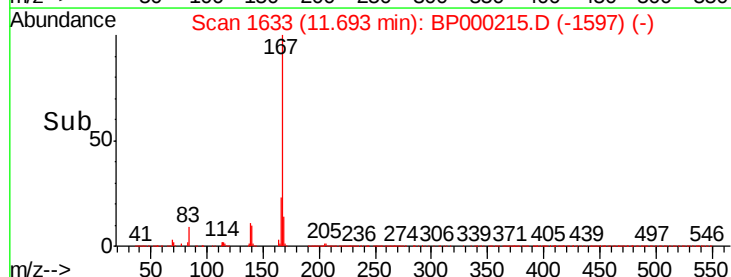
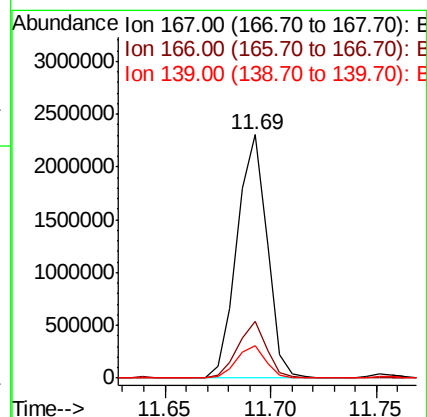
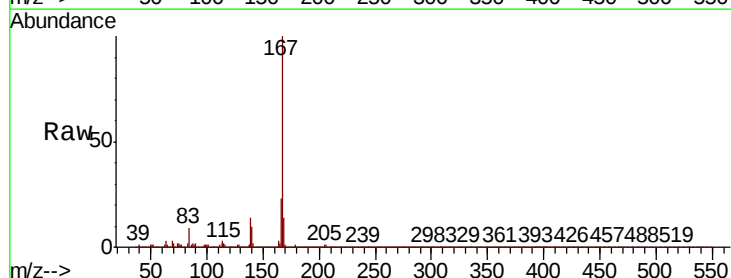
Tgt Ion:167 Resp: 2251905

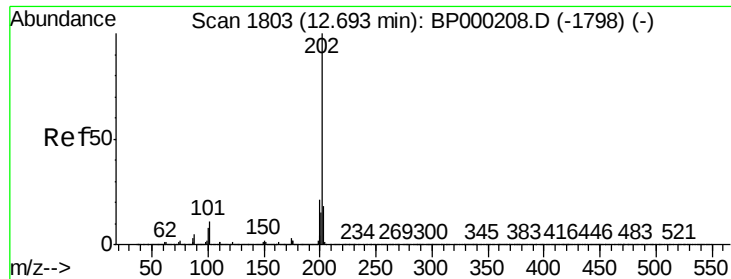
Ion Ratio Lower Upper

167 100

166 23.2 17.3 25.9

139 13.6 10.6 15.8





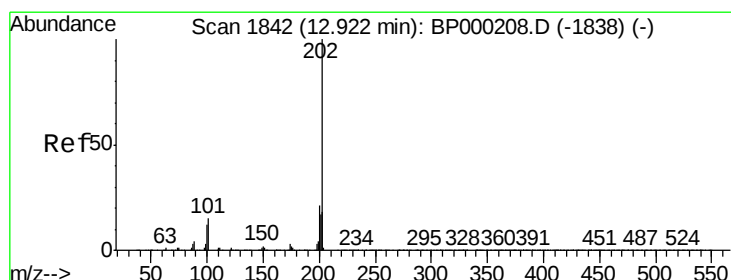
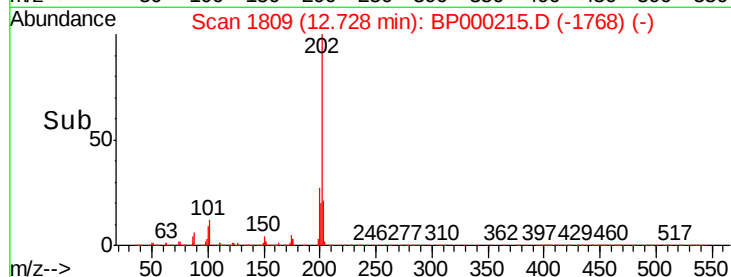
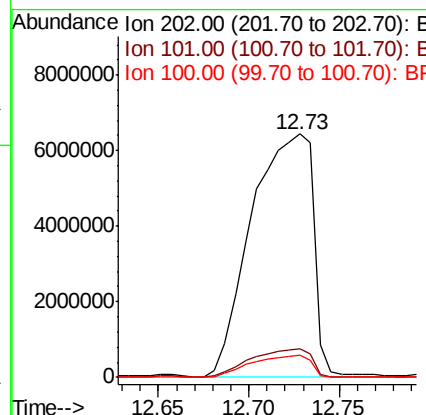
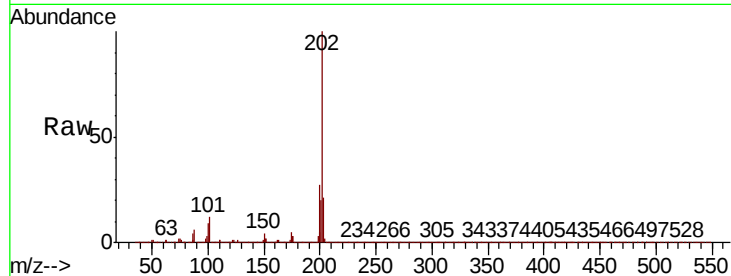
#77
Fluoranthene
Concen: 226.422 ng/ul
RT: 12.73 min Scan# 1809
Delta R.T. 0.04 min
Lab File: BP000215.D
Acq: 12 Sep 2019 14:02

Instrument :
BNA_P
ClientSampleId :
F2D30

Tot Ion:202 Resp:15228662
Ion Ratio Lower Upper
202 100
101 12.0 10.0 15.0
100 9.2 7.4 11.2

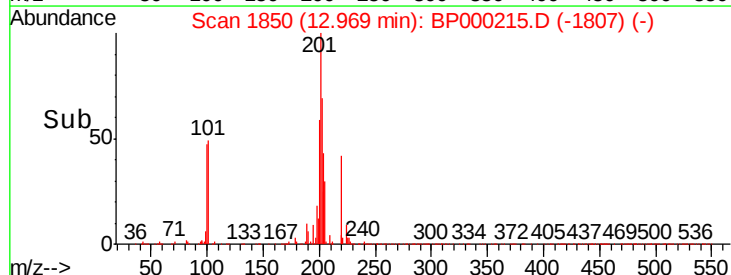
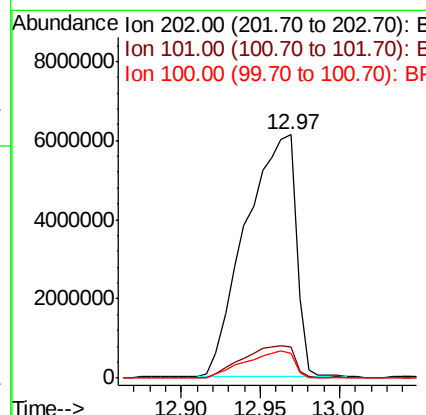
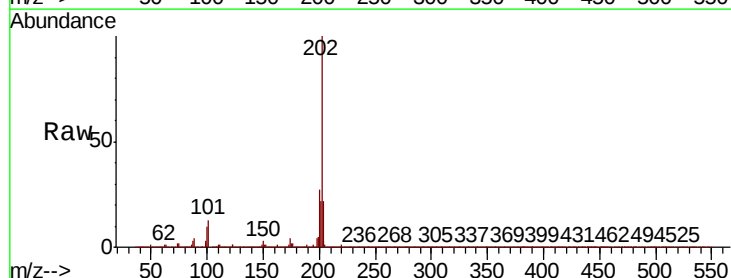
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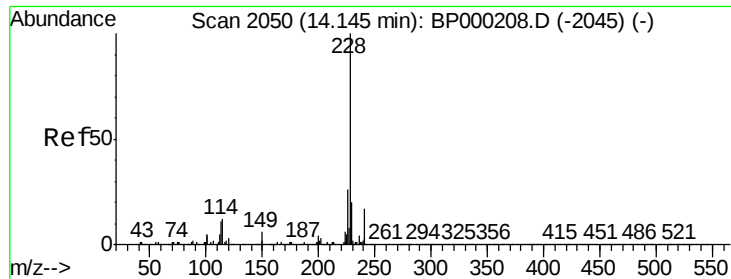
mohammad
9/16/2019 9:08:58 AM



#80
Pyrene
Concen: 336.766 ng/ul m
RT: 12.97 min Scan# 1850
Delta R.T. 0.05 min
Lab File: BP000215.D
Acq: 12 Sep 2019 14:02

Tgt Ion:202 Resp:13545849
Ion Ratio Lower Upper
202 100
101 12.7 13.4 20.0#
100 10.1 10.8 16.2#





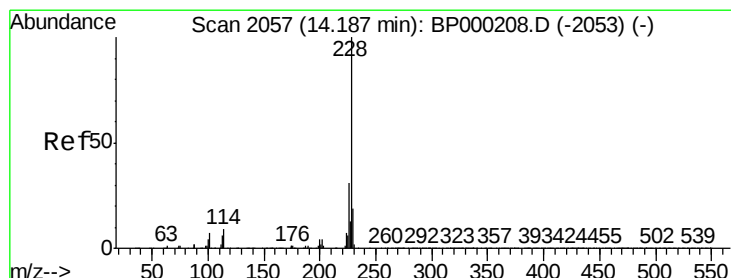
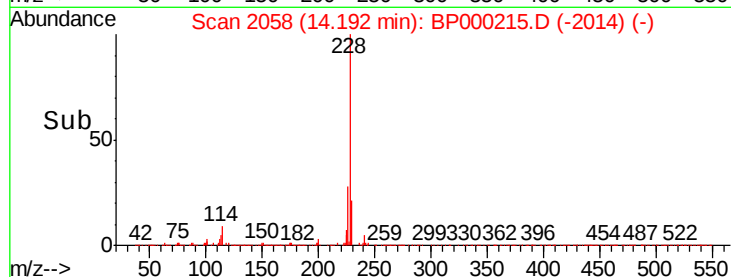
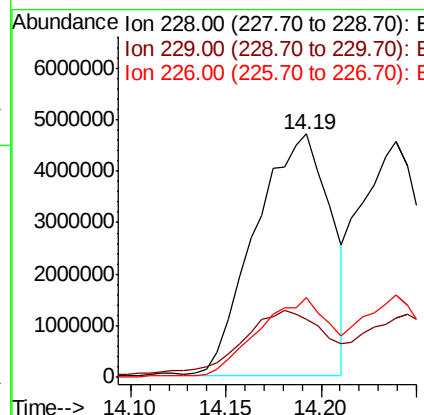
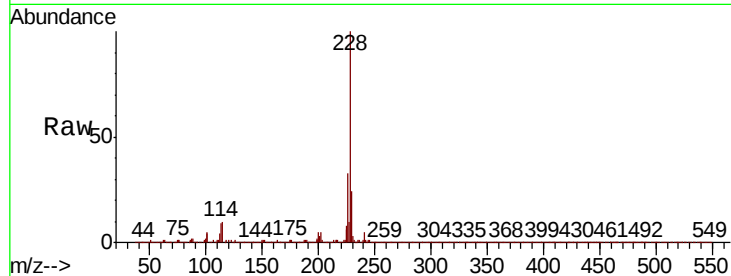
#83
Benzo(a)anthracene
Concen: 332.234 ng/ul m
RT: 14.19 min Scan# 2058
Delta R.T. 0.06 min
Lab File: BP000215.D
Acq: 12 Sep 2019 14:02

Instrument :
BNA_P
ClientSampleId :
F2D30

Tot Ion:228 Resp:12821803
Ion Ratio Lower Upper
228 100
229 23.9 15.9 23.9#
226 32.8 22.1 33.1

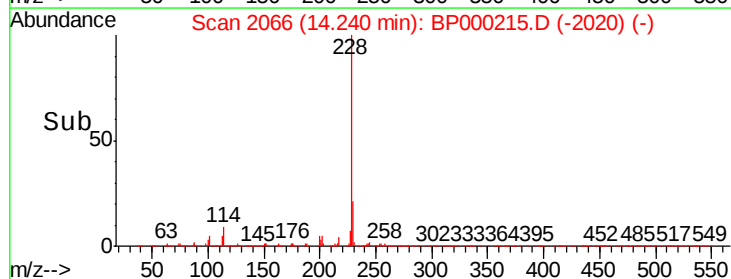
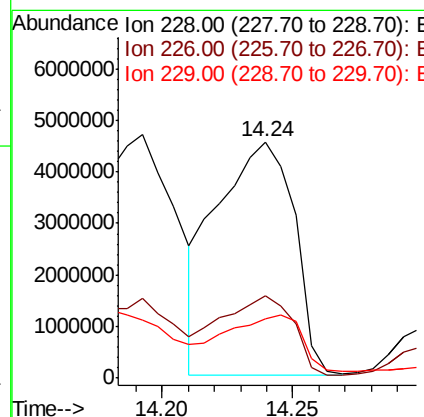
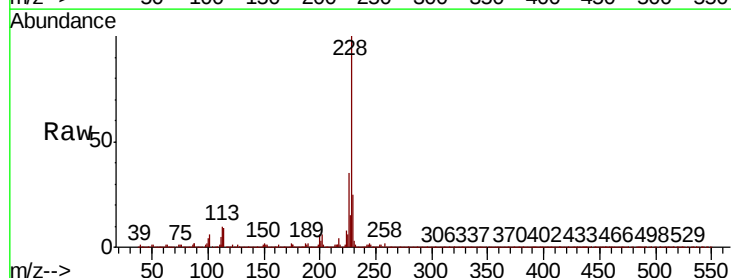
Manual Integrations
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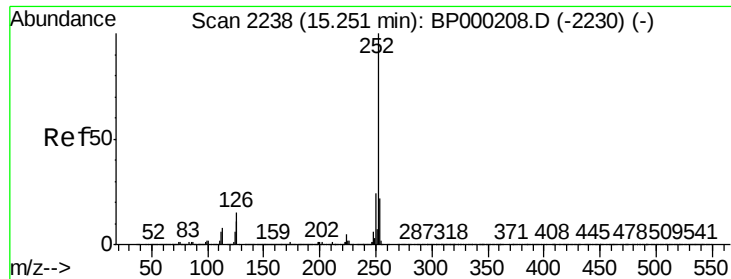
mohammad
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#85
Chrysene
Concen: 266.399 ng/ul m
RT: 14.24 min Scan# 2066
Delta R.T. 0.07 min
Lab File: BP000215.D
Acq: 12 Sep 2019 14:02

Tgt Ion:228 Resp: 9434237
Ion Ratio Lower Upper
228 100
226 34.9 24.4 36.6
229 25.0 16.0 24.0#





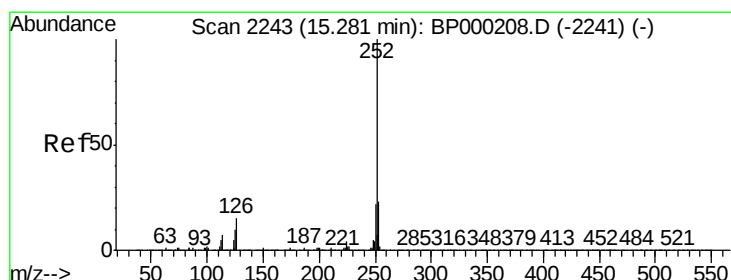
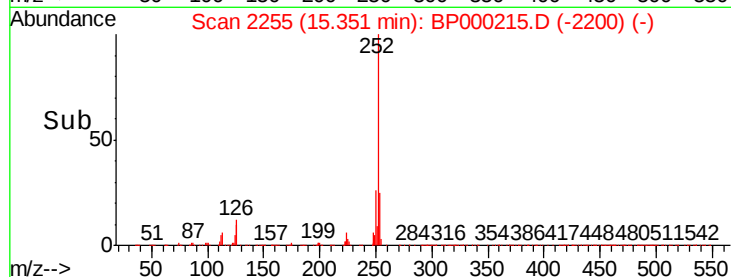
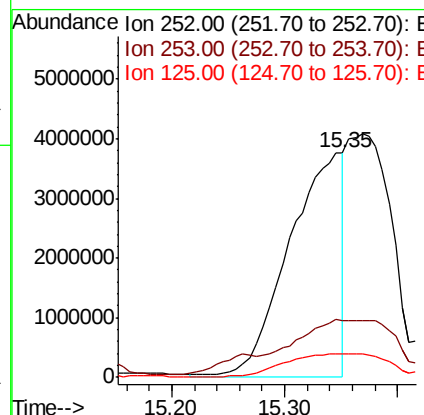
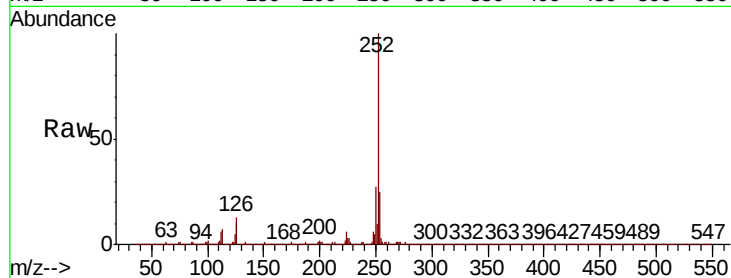
#88
Benzo(b)fluoranthene
Concen: 293.274 ng/ul m
RT: 15.35 min Scan# 2255
Delta R.T. 0.12 min
Lab File: BP000215.D
Acq: 12 Sep 2019 14:02

Instrument :
BNA_P
ClientSampled :
F2D30

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.5	26.3
125	10.5	9.9	14.9

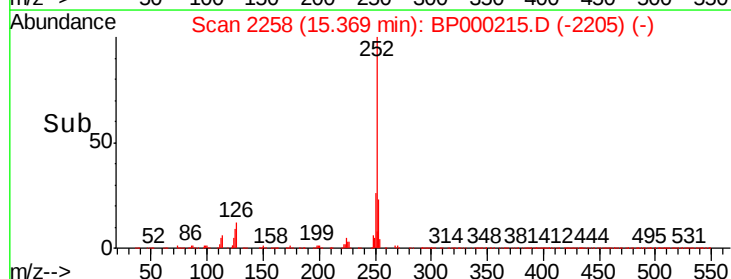
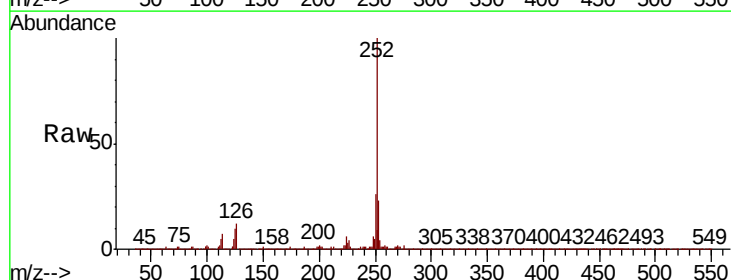
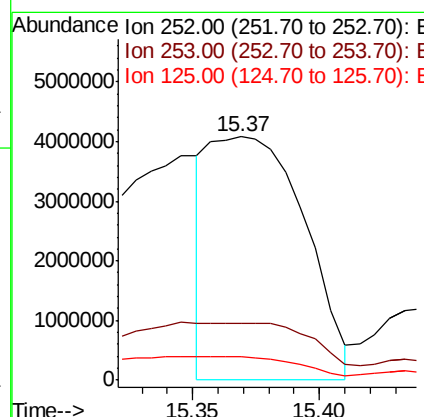
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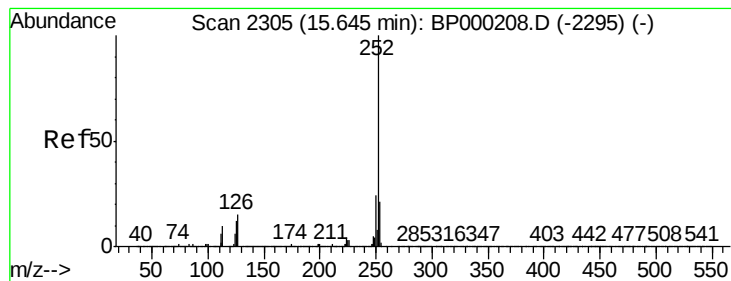
mohammad
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#89
Benzo(k)fluoranthene
Concen: 263.624 ng/ul m
RT: 15.37 min Scan# 2258
Delta R.T. 0.11 min
Lab File: BP000215.D
Acq: 12 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	9.5	10.2	15.2#





#91

Benzo(a)pyrene

Concen: 247.081 ng/ul m

RT: 15.76 min Scan# 2325

Delta R.T. 0.15 min

Lab File: BP000215.D

Acq: 12 Sep 2019 14:02

Instrument :

BNA_P

ClientSampleId :

F2D30

Tot Ion:252 Resp: 9994987

Ion Ratio Lower Upper

252 100

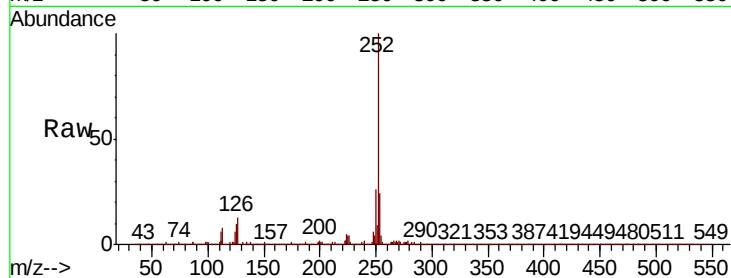
253 24.0 17.5 26.3

125 10.1 10.2 15.2#

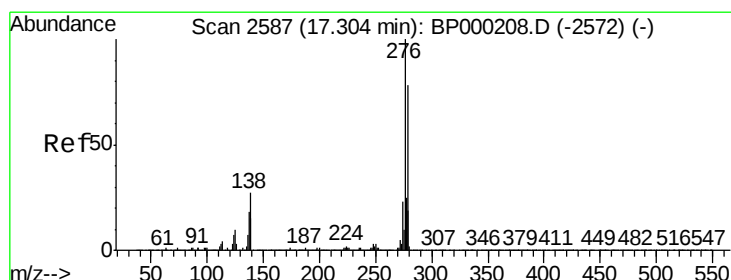
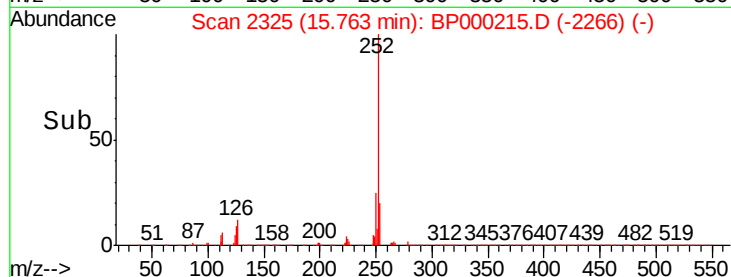
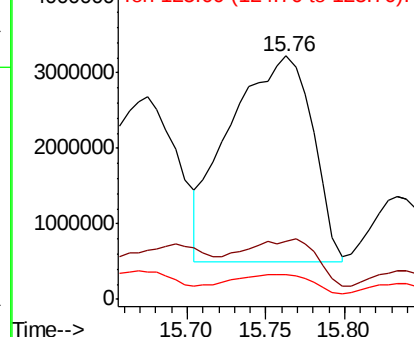
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 194.009 ng/ul m

RT: 17.47 min Scan# 2615

Delta R.T. 0.22 min

Lab File: BP000215.D

Acq: 12 Sep 2019 14:02

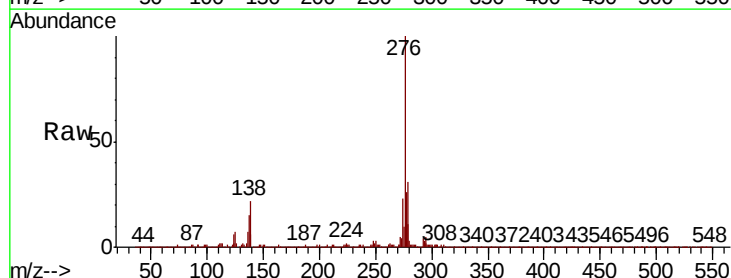
Tgt Ion:276 Resp: 9028738

Ion Ratio Lower Upper

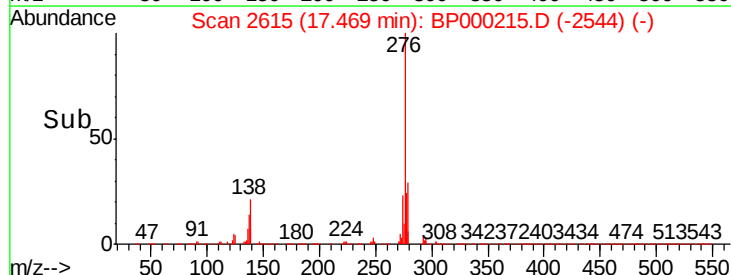
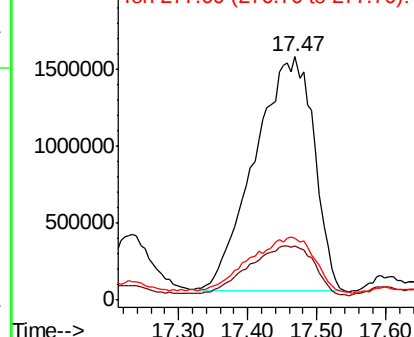
276 100

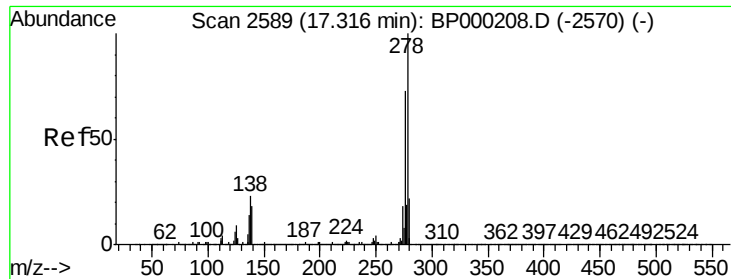
138 22.2 20.0 30.0

277 25.6 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





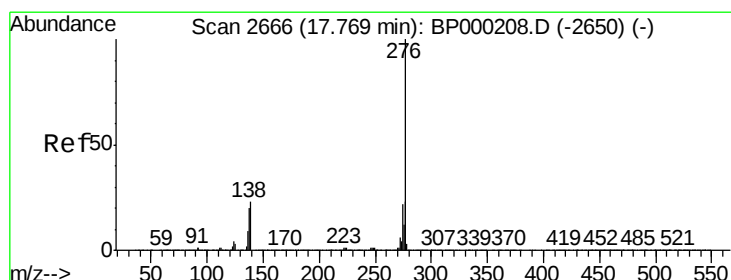
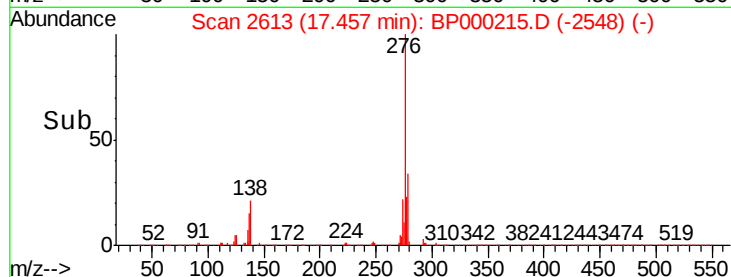
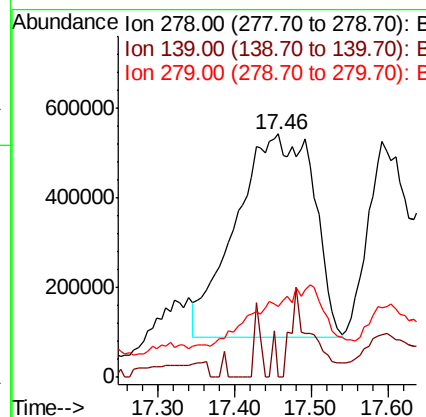
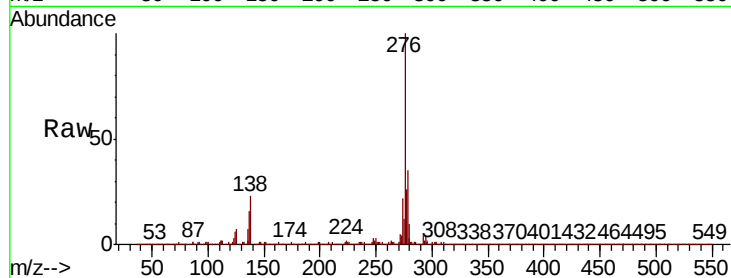
#93
Dibenzo(a,h)anthracene
Concen: 82.323 ng/ul m
RT: 17.46 min Scan# 2613
Delta R.T. 0.18 min
Lab File: BP000215.D
Acq: 12 Sep 2019 14:02

Instrument :
BNA_P
ClientSampleId :
F2D30

Tot Ion:278 Resp: 3173263
Ion Ratio Lower Upper
278 100
139 0.0 15.1 22.7#
279 28.9 19.2 28.8#

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 229.047 ng/ul m
RT: 17.95 min Scan# 2697
Delta R.T. 0.23 min
Lab File: BP000215.D
Acq: 12 Sep 2019 14:02

Tgt Ion:276 Resp: 8887433
Ion Ratio Lower Upper
276 100
138 23.4 20.0 30.0
277 24.3 19.1 28.7

