

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000212.D
 Acq On : 12 Sep 2019 12:49
 Operator : HP/JU
 Sample : K4634-09 30X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D27

Manual Integrations
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mohammad
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Quant Time: Sep 13 13:10:19 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	342739	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1304351	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	667012	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	1105466	20.00	ng/ul	0.00
78) Chrysene-d12	14.17	240	643051	20.00	ng/ul	0.03
86) Perylene-d12	15.75	264	802299	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.63	96	616m	0.06	ng/uL	0.03
5) Phenol-d5	6.50	99	11569	0.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	7671	0.50	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	11086	0.47	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	9029	0.41	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	4594	0.46	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	4514	0.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	7879	0.38	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	5140	0.20	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	27051	0.55	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	34063	0.56	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	2609	0.30	ng/ul	0.00
58) Fluorene-d10	10.47	176	22948	0.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.54	200	482	0.09	ng/ul	0.01
71) Anthracene-d10	11.51	188	33057	0.62	ng/ul	0.00
79) Pyrene-d10	12.91	212	26806	0.70	ng/ul	0.01
90) Benzo(a)pyrene-d12	15.65	264	40301m	0.97	ng/ul	0.06

Target Compounds

					Ovalue	
28) Naphthalene	8.20	128	276930	3.898	ng/ul	99
34) 2-Methylnaphthalene	8.89	142	84771	1.747	ng/ul	93
50) Acenaphthene	9.98	153	622689	14.132	ng/ul	99
54) Dibenzofuran	10.15	168	332954	5.508	ng/ul	100
59) Fluorene	10.50	166	350396	7.493	ng/ul	98
70) Phenanthrene	11.49	178	6130392	93.774	ng/ul	94
72) Anthracene	11.53	178	1475510	22.937	ng/ul	99
75) Carbazole	11.69	167	1247028	22.673	ng/ul	97
77) Fluoranthene	12.71	202	10014198	151.874	ng/ul	97
80) Pyrene	12.95	202	9092743	187.419	ng/ul#	93
83) Benzo(a)anthracene	14.17	228	7362702	158.172	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	14.16	149	34507	1.305	ng/ul#	70
85) Chrysene	14.21	228	5758350m	134.810	ng/ul	
88) Benzo(b)fluoranthene	15.31	252	8252965	155.205	ng/ul	97
89) Benzo(k)fluoranthene	15.33	252	4016621m	80.133	ng/ul	
91) Benzo(a)pyrene	15.70	252	6846009	137.220	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	17.37	276	4776875	83.226	ng/ul	96
93) Dibenzo(a,h)anthracene	17.39	278	1211929	25.493	ng/ul	94
94) Benzo(g,h,i)perylene	17.86	276	4214464	88.067	ng/ul	97

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

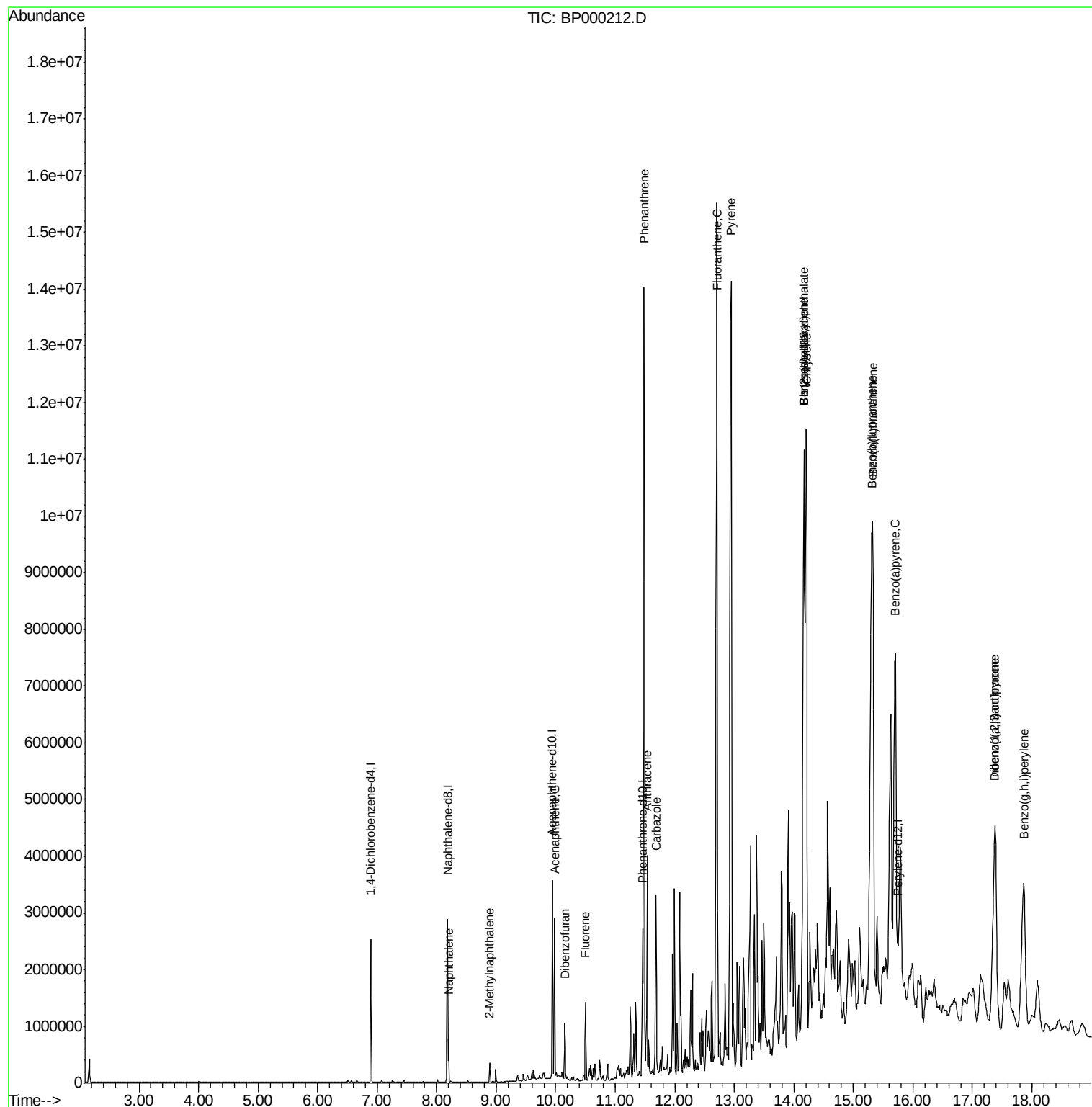
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000212.D
Acq On : 12 Sep 2019 12:49
Operator : HP/JU
Sample : K4634-09 30X
Misc :
ALS Vial : 6 Sample Multiplier: 1

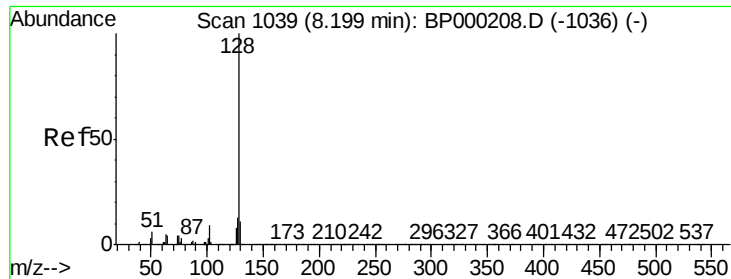
Instrument :
BNA_P
ClientSampleId :
F2D27

Quant Time: Sep 13 13:10:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
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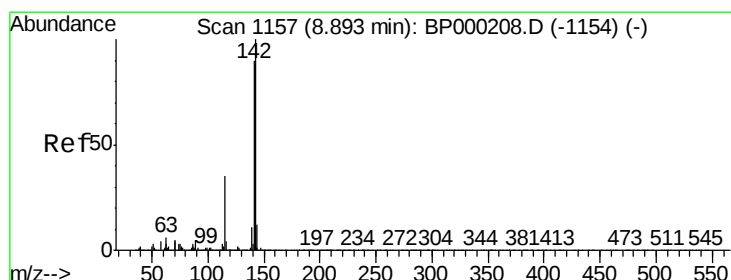
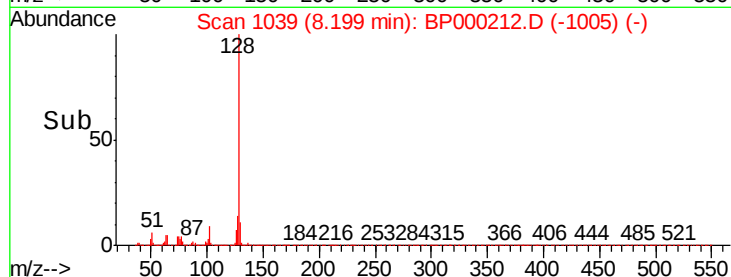
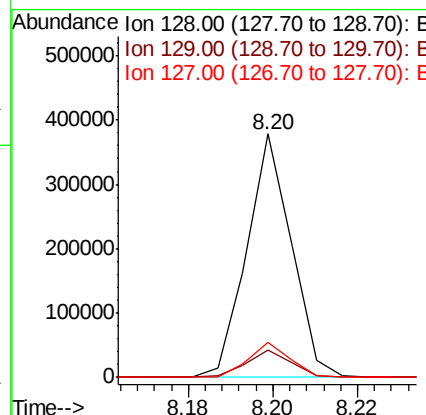
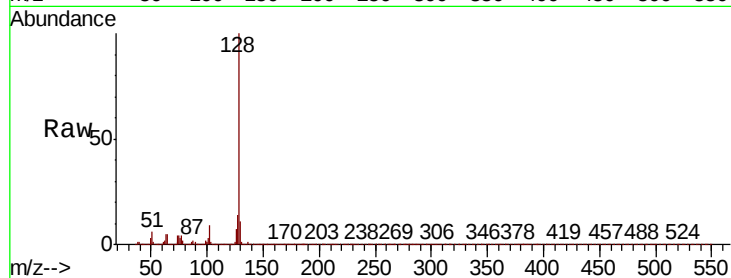
#28
Naphthalene
Concen: 3.898 ng/ul
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BP000212.D
Acq: 12 Sep 2019 12:49

Instrument :
BNA_P
ClientSampleId :
F2D27

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	14.1	10.7	16.1

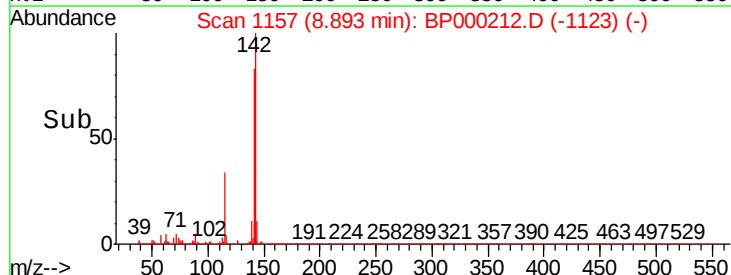
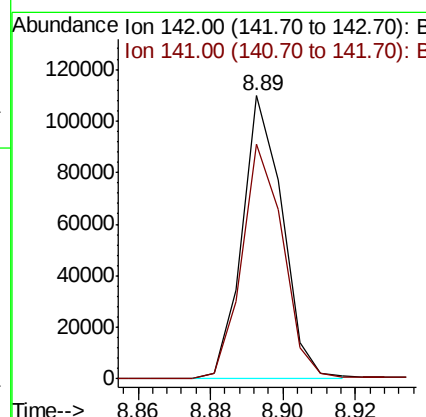
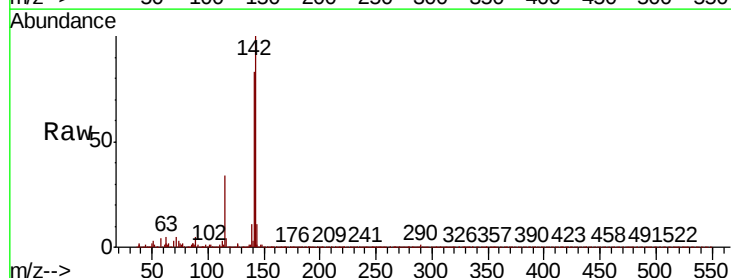
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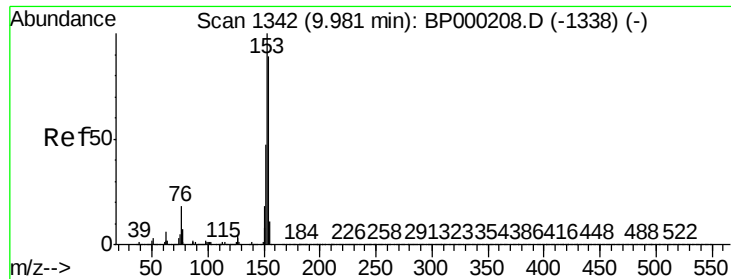
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#34
2-Methylnaphthalene
Concen: 1.747 ng/ul
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BP000212.D
Acq: 12 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	82.8	71.4	107.0





#50

Acenaphthene

Concen: 14.132 ng/ul

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BP000212.D

Acq: 12 Sep 2019 12:49

Instrument :

BNA_P

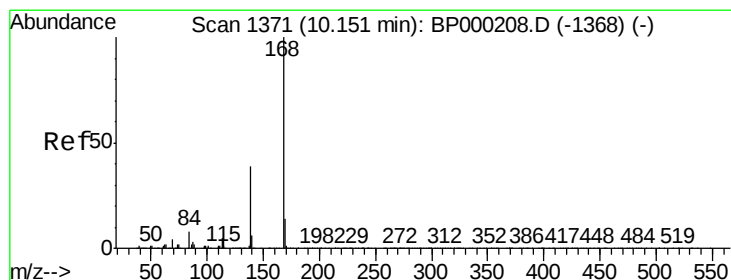
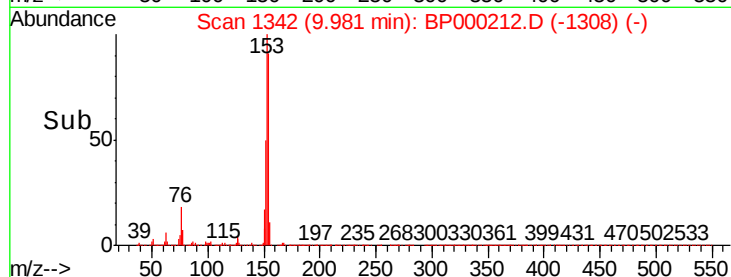
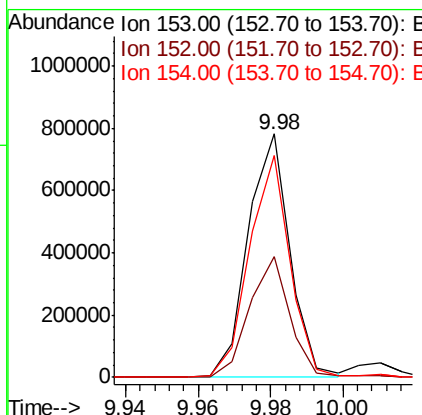
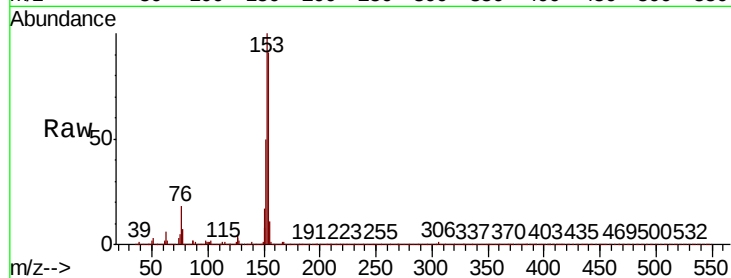
ClientSampled :

F2D27

Tot Ion:	153	Resp:	622689
Ion Ratio	Lower	Upper	
153	100		
152	49.8	38.0	57.0
154	90.9	72.6	108.8

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#54

Dibenzofuran

Concen: 5.508 ng/ul

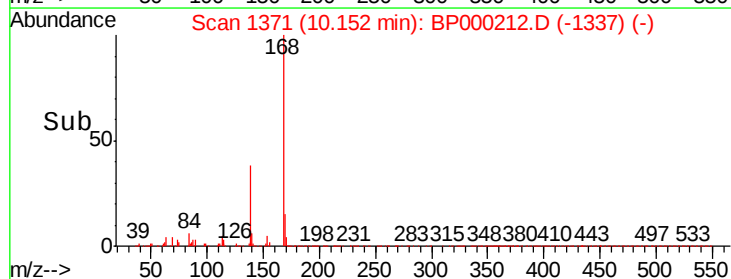
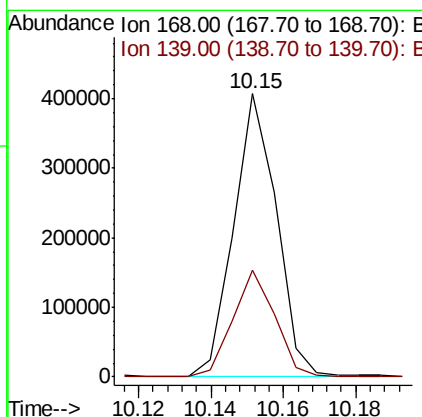
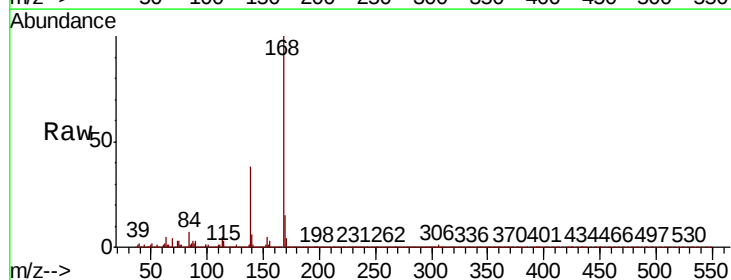
RT: 10.15 min Scan# 1371

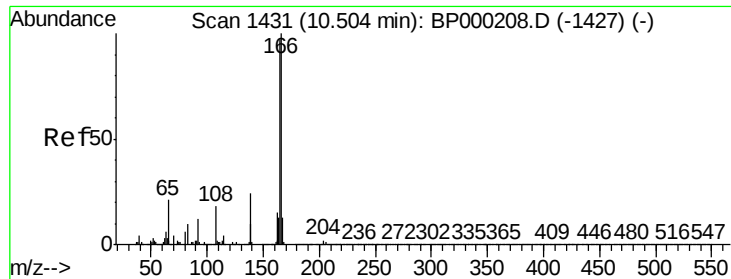
Delta R.T. 0.00 min

Lab File: BP000212.D

Acq: 12 Sep 2019 12:49

Tgt Ion:	168	Resp:	332954
Ion Ratio	Lower	Upper	
168	100		
139	37.5	30.0	45.0





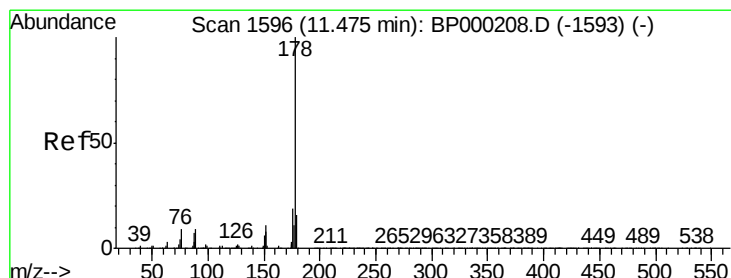
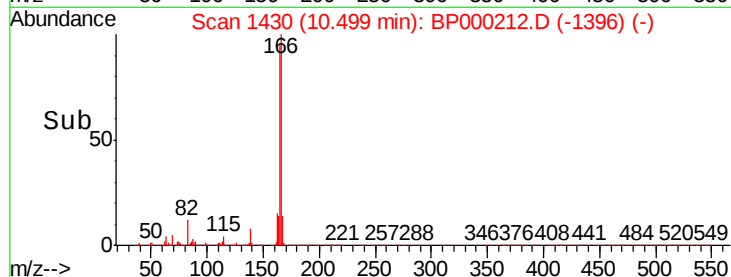
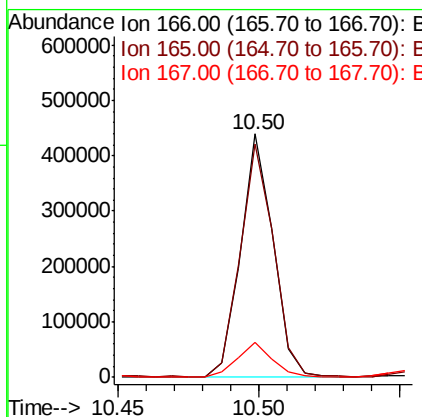
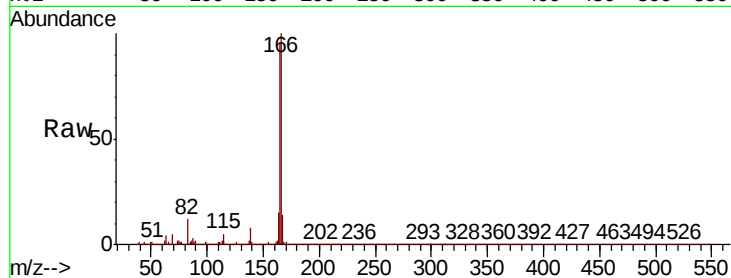
#59
Fluorene
Concen: 7.493 ng/ul
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BP000212.D
Acq: 12 Sep 2019 12:49

Instrument :
BNA_P
ClientSampleId :
F2D27

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.7	77.8	116.8
167	14.3	10.9	16.3

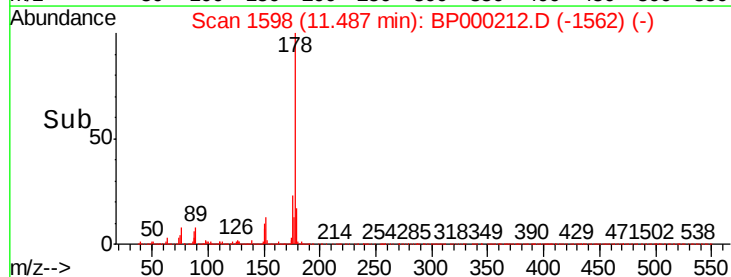
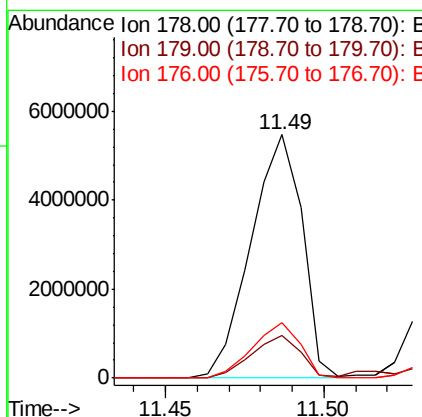
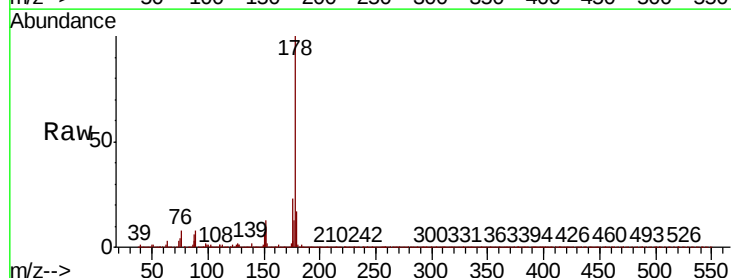
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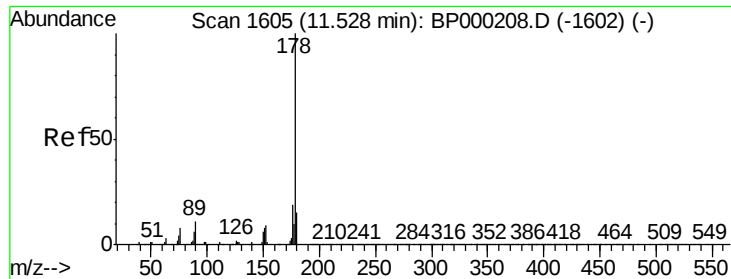
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#70
Phenanthrene
Concen: 93.774 ng/ul
RT: 11.49 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BP000212.D
Acq: 12 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.5	18.7
176	22.8	15.7	23.5





#72

Anthracene

Concen: 22.937 ng/ul

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BP000212.D

Acq: 12 Sep 2019 12:49

Instrument :

BNA_P

ClientSampleId :

F2D27

Tot Ion:178 Resp: 1475510

Ion Ratio Lower Upper

178 100

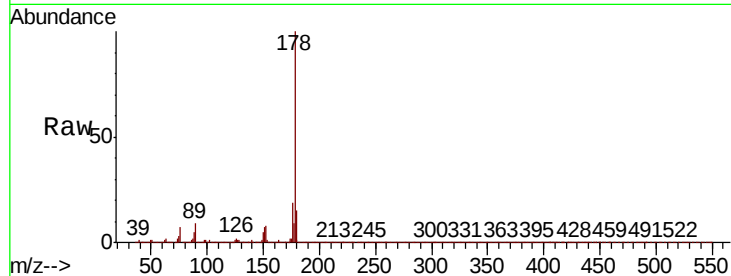
179 14.8 12.3 18.5

176 19.1 15.1 22.7

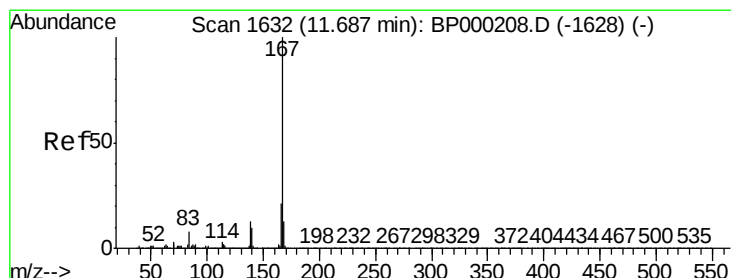
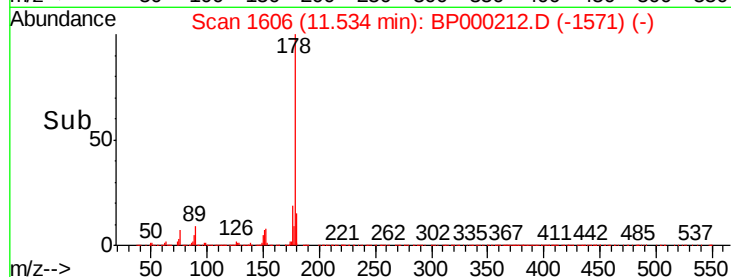
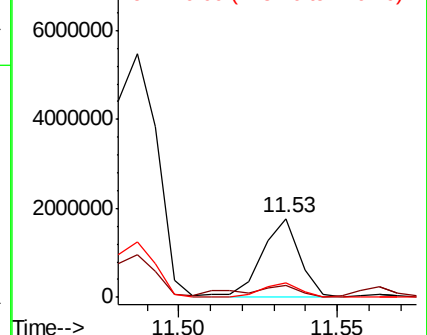
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 22.673 ng/ul

RT: 11.69 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BP000212.D

Acq: 12 Sep 2019 12:49

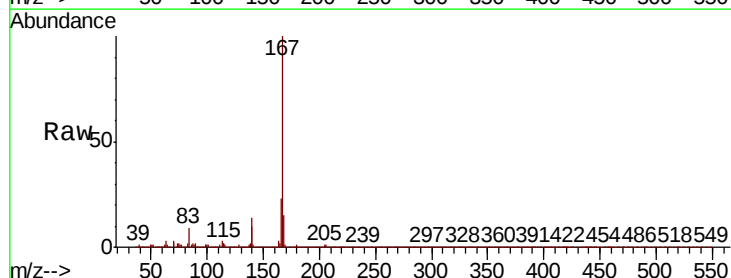
Tgt Ion:167 Resp: 1247028

Ion Ratio Lower Upper

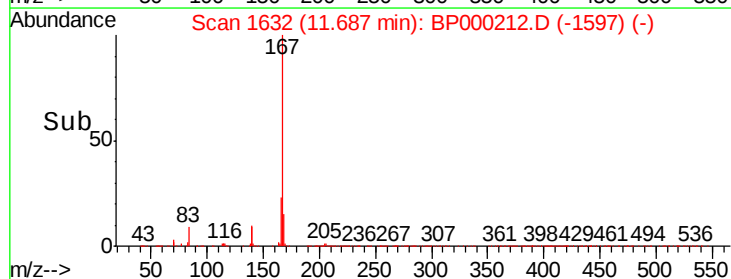
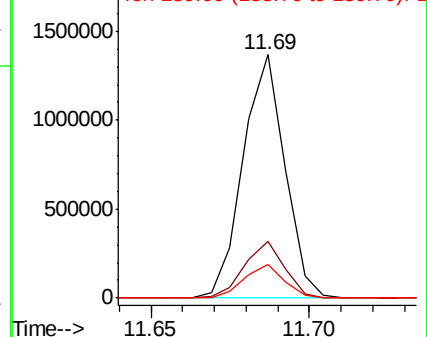
167 100

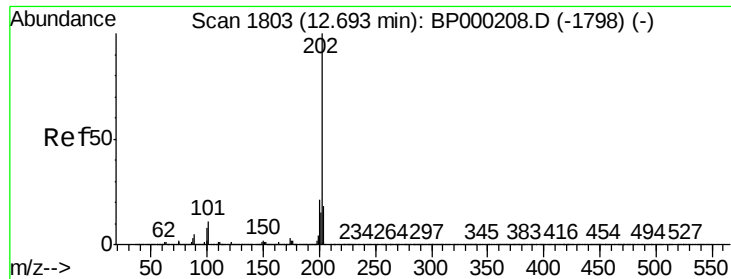
166 23.4 17.3 25.9

139 13.9 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





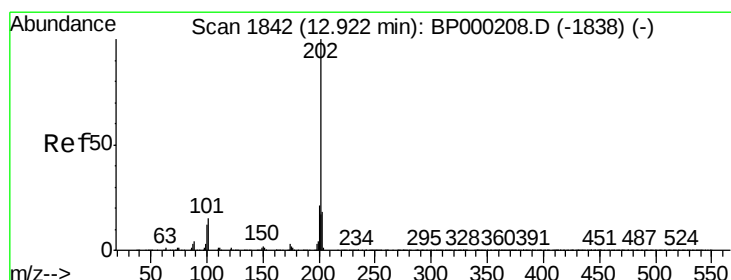
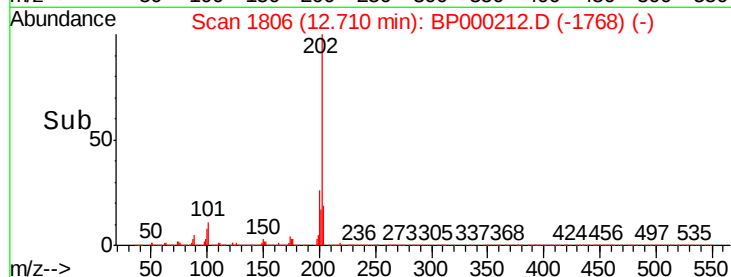
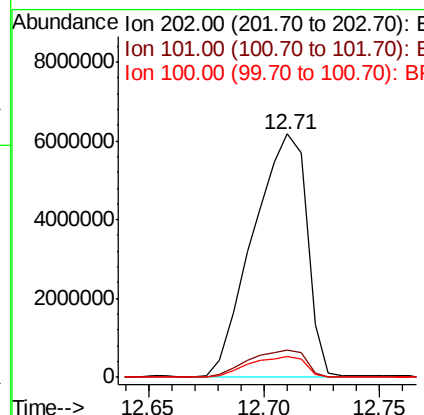
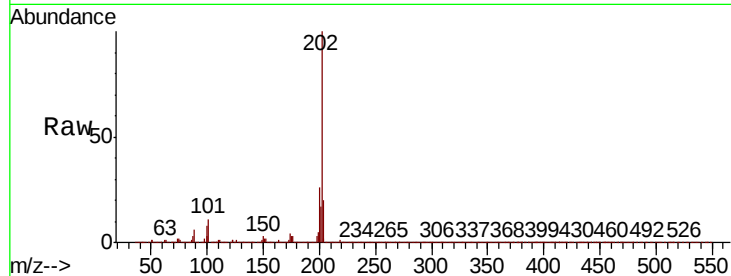
#77
 Fluoranthene
 Concen: 151.874 ng/ul
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.02 min
 Lab File: BP000212.D
 Acq: 12 Sep 2019 12:49

Instrument :
 BNA_P
 ClientSampleId :
 F2D27

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	10.0	15.0
100	8.5	7.4	11.2

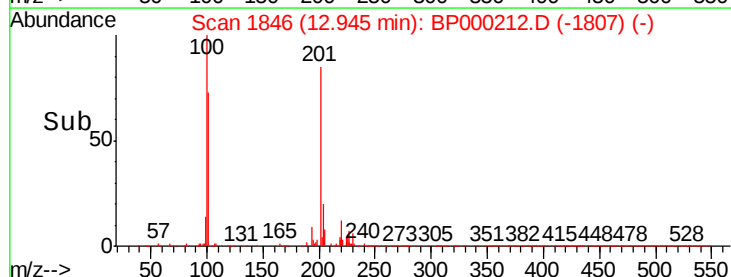
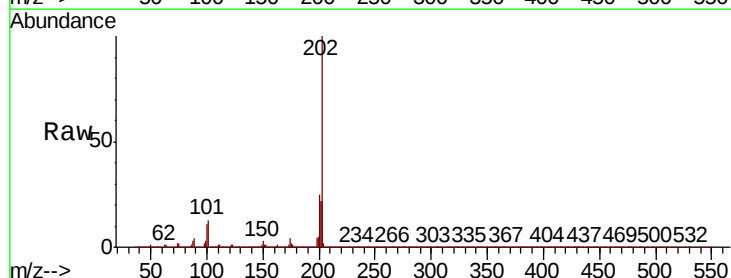
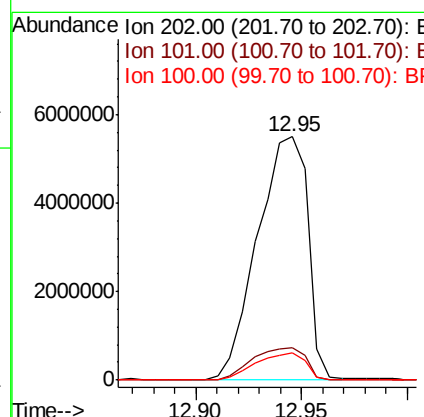
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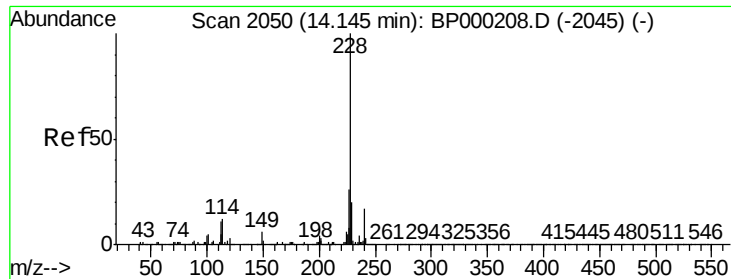
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#80
 Pyrene
 Concen: 187.419 ng/ul
 RT: 12.95 min Scan# 1846
 Delta R.T. 0.03 min
 Lab File: BP000212.D
 Acq: 12 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	13.4	20.0#
100	11.2	10.8	16.2





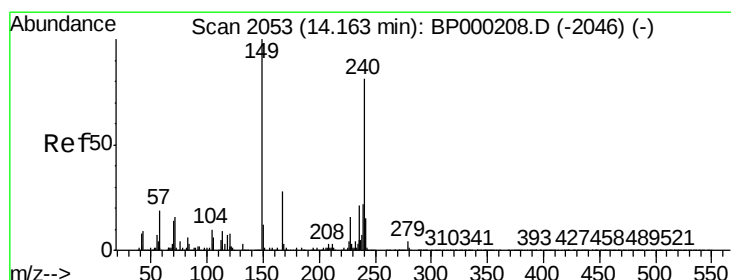
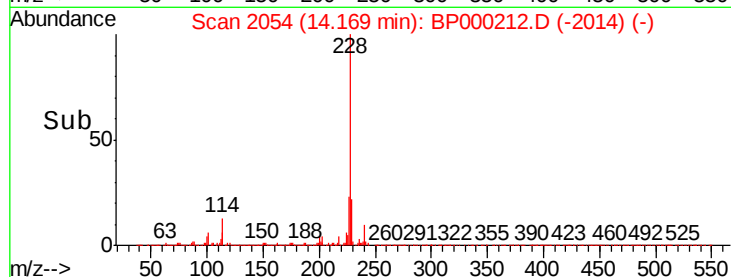
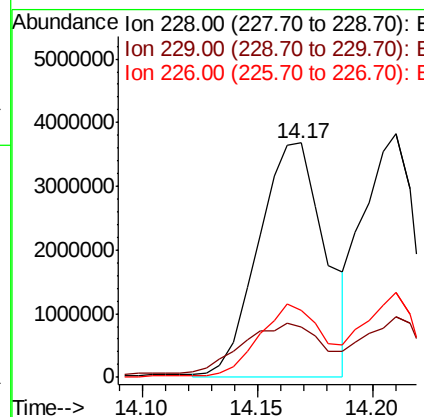
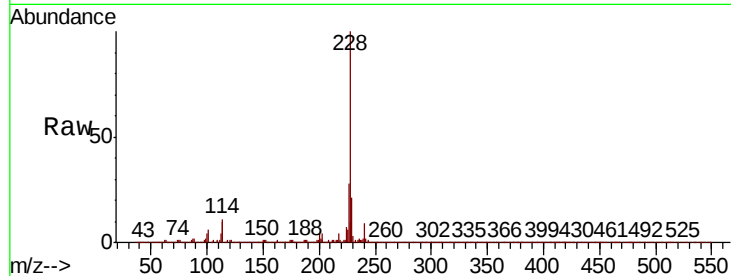
#83
Benzo(a)anthracene
Concen: 158.172 ng/ul
RT: 14.17 min Scan# 2054
Delta R.T. 0.04 min
Lab File: BP000212.D
Acq: 12 Sep 2019 12:49

Instrument :
BNA_P
ClientSampleID :
F2D27

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.9	23.9
226	28.5	22.1	33.1

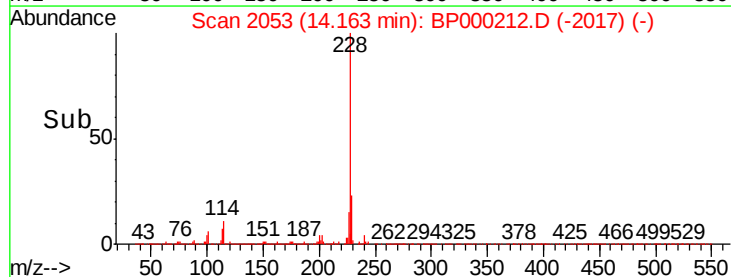
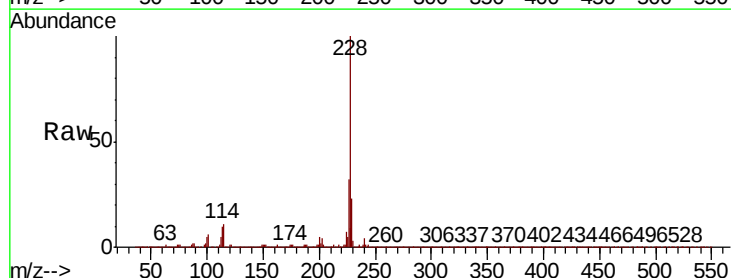
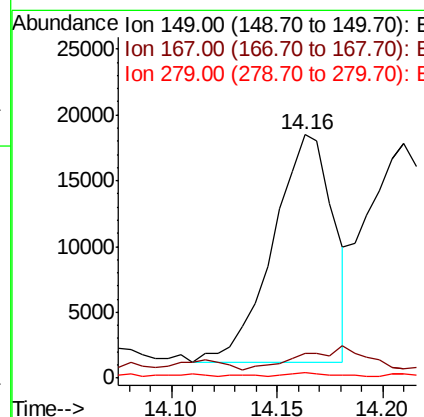
Manual Integrations
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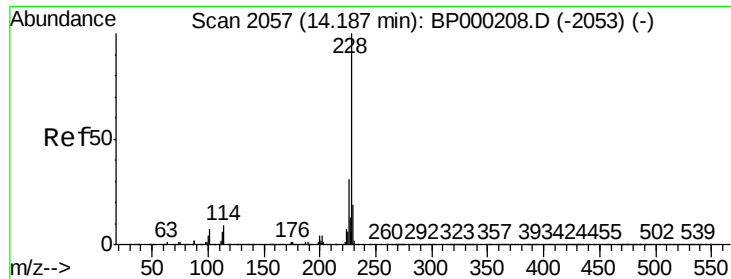
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.305 ng/ul
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BP000212.D
Acq: 12 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	10.1	21.8	32.8#
279	2.0	3.0	4.4#





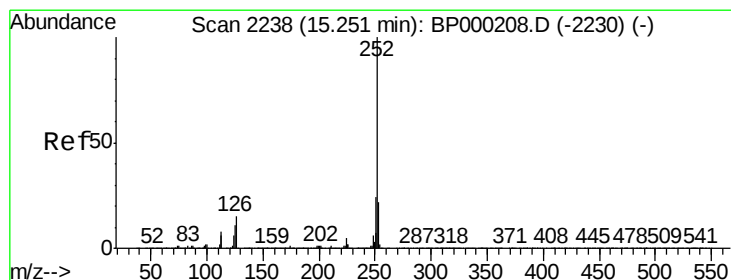
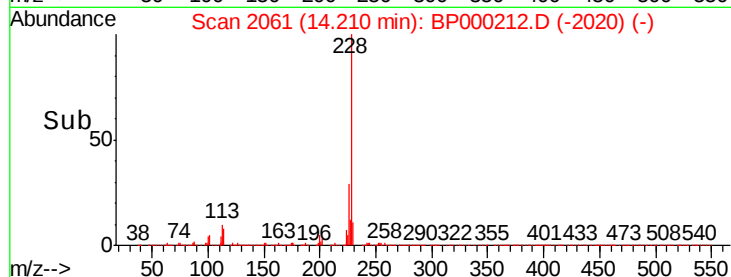
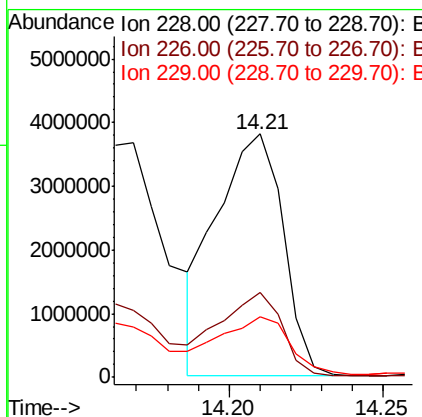
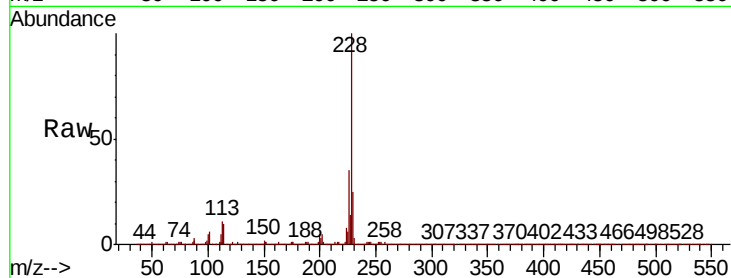
#85
Chrysene
Concen: 134.810 ng/ul m
RT: 14.21 min Scan# 2061
Delta R.T. 0.04 min
Lab File: BP000212.D
Acq: 12 Sep 2019 12:49

Instrument :
BNA_P
ClientSampled :
F2D27

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.7	24.4	36.6
229	24.9	16.0	24.0

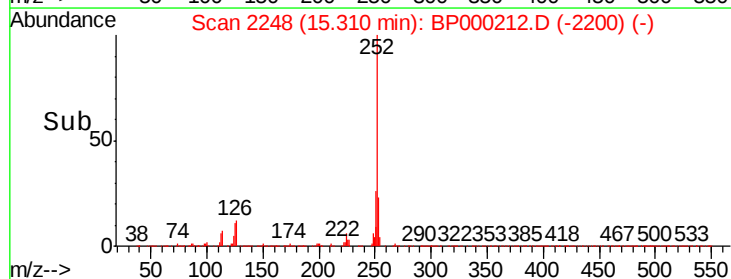
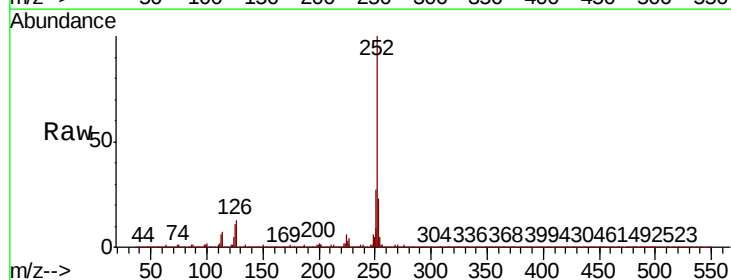
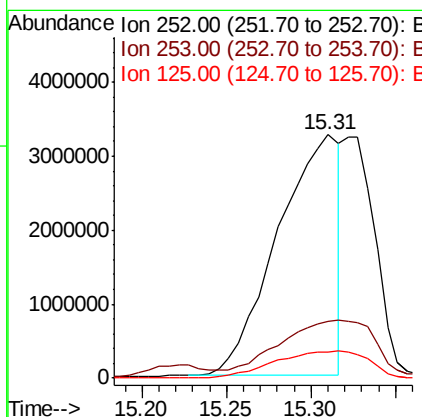
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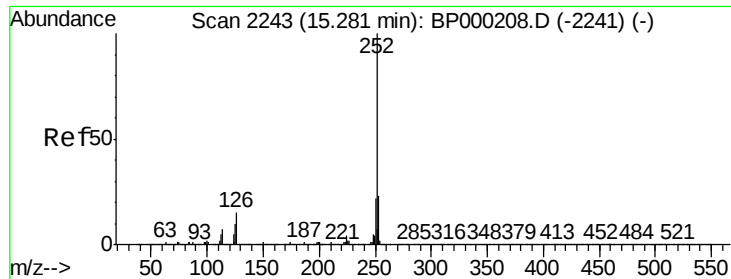
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#88
Benzo(b)fluoranthene
Concen: 155.205 ng/ul
RT: 15.31 min Scan# 2248
Delta R.T. 0.08 min
Lab File: BP000212.D
Acq: 12 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	10.9	9.9	14.9





#89

Benzo(k)fluoranthene

Concen: 80.133 ng/ul m

RT: 15.33 min Scan# 2251

Delta R.T. 0.07 min

Lab File: BP000212.D

Acq: 12 Sep 2019 12:49

Instrument :

BNA_P

ClientSampleId :

F2D27

Tot Ion:252 Resp: 4016621

Ion Ratio Lower Upper

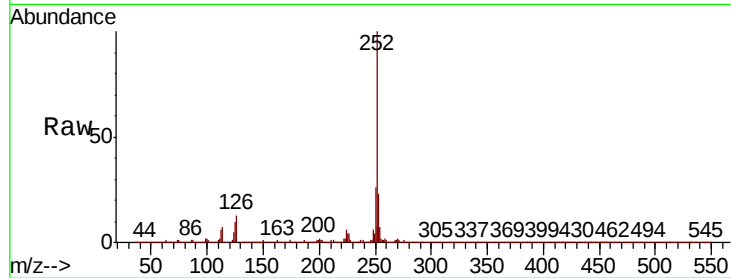
252 100

253 23.0 18.0 27.0

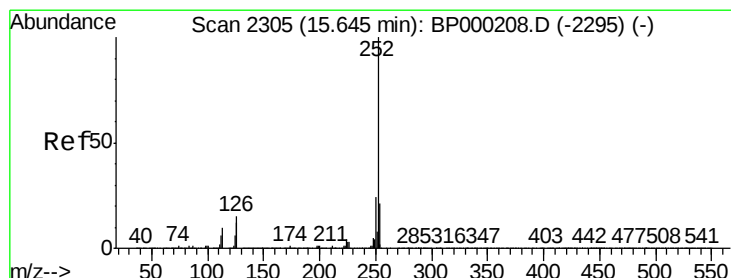
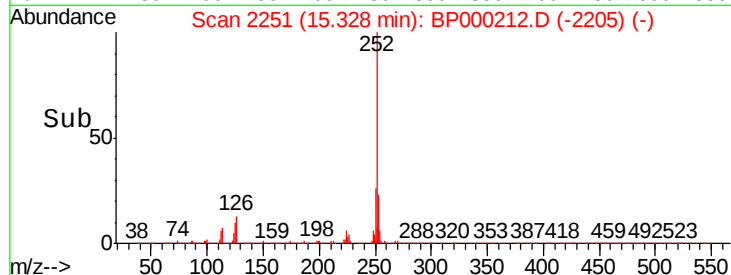
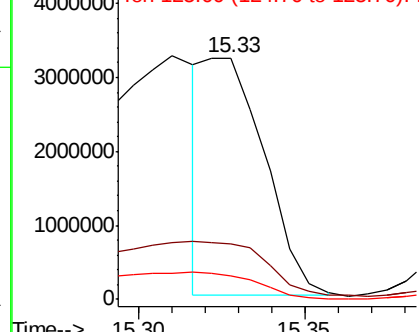
125 9.7 10.2 15.2#

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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



#91

Benzo(a)pyrene

Concen: 137.220 ng/ul

RT: 15.70 min Scan# 2314

Delta R.T. 0.08 min

Lab File: BP000212.D

Acq: 12 Sep 2019 12:49

Tgt Ion:252 Resp: 6846009

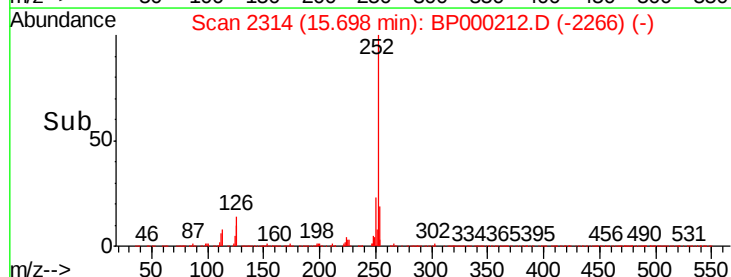
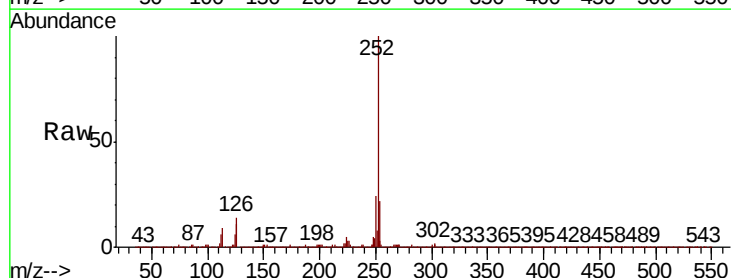
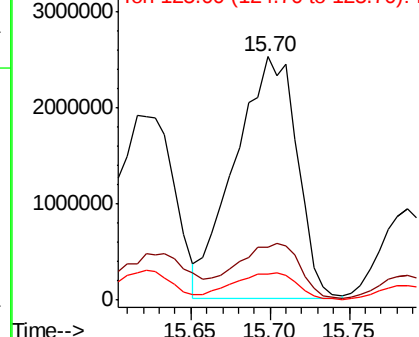
Ion Ratio Lower Upper

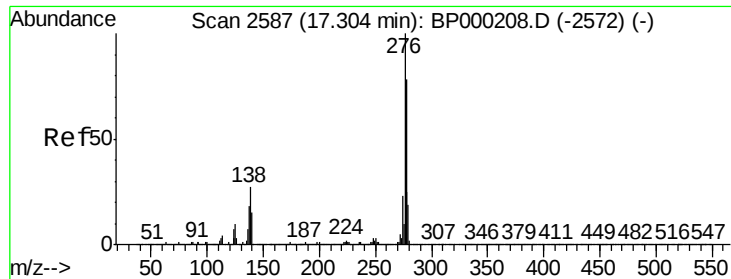
252 100

253 21.7 17.5 26.3

125 10.5 10.2 15.2

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





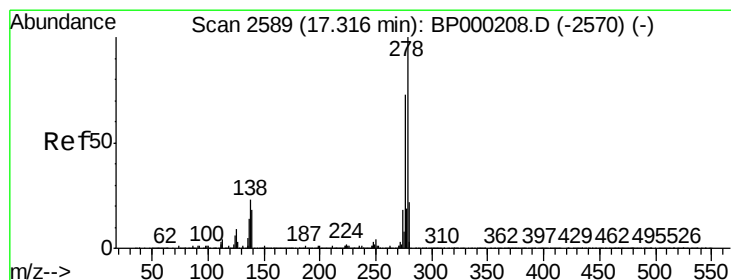
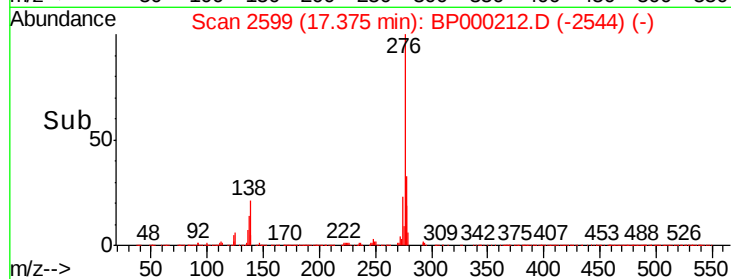
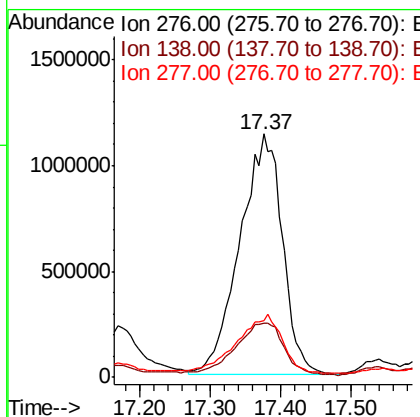
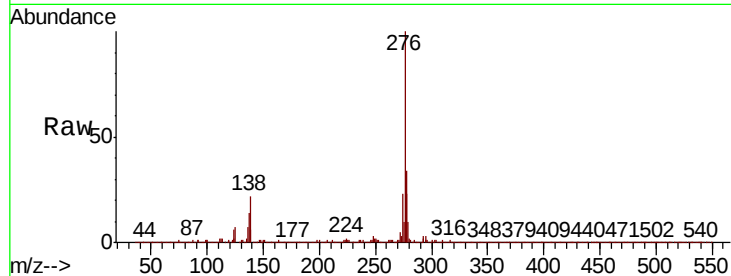
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 83.226 ng/ul
 RT: 17.37 min Scan# 2599
 Delta R.T. 0.12 min
 Lab File: BP000212.D
 Acq: 12 Sep 2019 12:49

Instrument :
 BNA_P
 ClientSampleId :
 F2D27

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.0	30.0
277	23.4	19.4	29.0

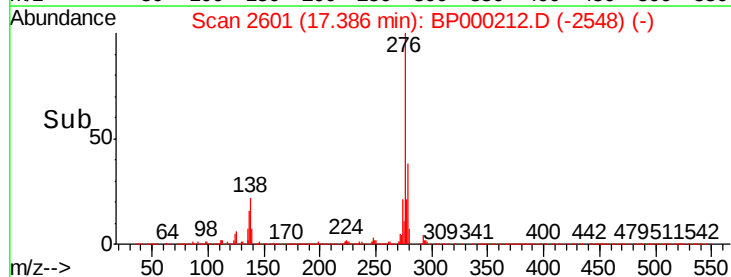
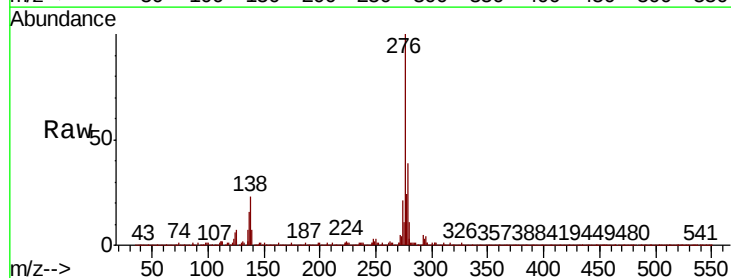
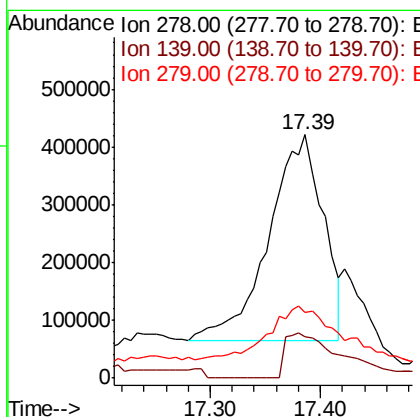
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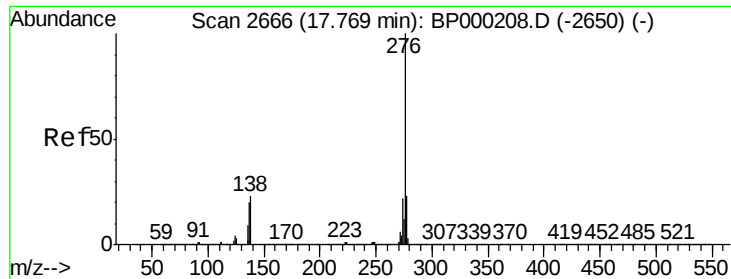
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#93
 Dibenzo(a,h)anthracene
 Concen: 25.493 ng/ul
 RT: 17.39 min Scan# 2601
 Delta R.T. 0.11 min
 Lab File: BP000212.D
 Acq: 12 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	15.1	22.7
279	27.2	19.2	28.8





#94

Benzo(a,h,i)perylene

Concen: 88.067 ng/ul

RT: 17.86 min Scan# 2682

Delta R.T. 0.14 min

Lab File: BP000212.D

Acq: 12 Sep 2019 12:49

Instrument :

BNA_P

ClientSampleId :

F2D27

Tot Ion: 276 Resp: 4214464

Ion Ratio Lower Upper

276 100

138 23.5 20.0 30.0

277 22.3 19.1 28.7

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