

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
 Data File : BP000714.D
 Acq On : 14 Oct 2019 16:42
 Operator : JU
 Sample : K5348-10RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190834-COMPOSITE-JRE

Manual Integrations
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mohammad
 10/16/2019 8:11:37 AM

Quant Time: Oct 15 04:37:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	205488	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	734337	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	401326	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	729803	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	634443	20.00	ng	0.00
87) Perylene-d12	15.46	264	744578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	202105	15.81	ng	-0.02
7) Phenol-d6	6.39	99	1286929	83.54	ng	-0.02
23) Nitrobenzene-d5	7.31	82	803942	66.86	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	8702	2.03	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1413070	56.97	ng	-0.02
79) Terphenyl-d14	12.90	244	1621527	51.75	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.30	77	59479	7.413	ng	Qvalue 97
10) Phenol	6.40	94	126990	8.051	ng	94
49) Acenaphthylene	9.66	152	74699	2.114	ng	99
50) Dimethylphthalate	9.51	163	312023	11.189	ng	99
71) Phenanthrene	11.32	178	120739	3.294	ng	99
72) Anthracene	11.38	178	81791	2.251	ng	99
75) Fluoranthene	12.53	202	449521	10.920	ng	99
78) Pyrene	12.76	202	457661	10.459	ng	99
81) Benzo(a)anthracene	13.96	228	275200	7.109	ng	# 85
83) Chrysene	14.00	228	273936	7.210	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	166607	6.947	ng	98
86) Indeno(1,2,3-cd)pyrene	16.93	276	176342	3.716	ng	95
88) Benzo(b)fluoranthene	15.03	252	394983m	9.351	ng	
89) Benzo(k)fluoranthene	15.05	252	126777m	3.152	ng	
90) Benzo(a)pyrene	15.39	252	309705	7.865	ng	# 93
92) Benzo(g,h,i)perylene	17.37	276	168811	4.350	ng	100

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

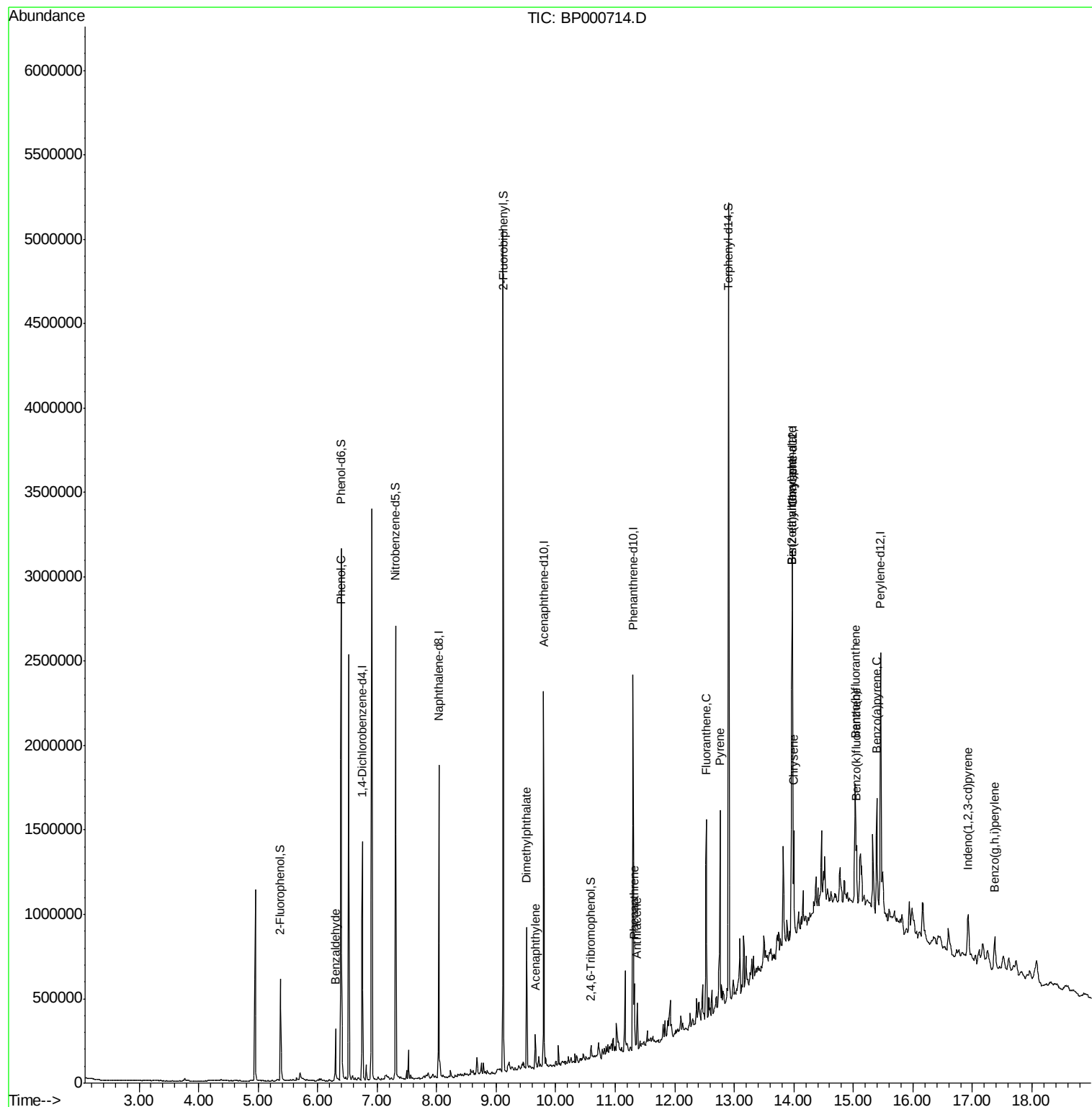
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
Data File : BP000714.D
Acq On : 14 Oct 2019 16:42
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ALS Vial : 13 Sample Multiplier: 1

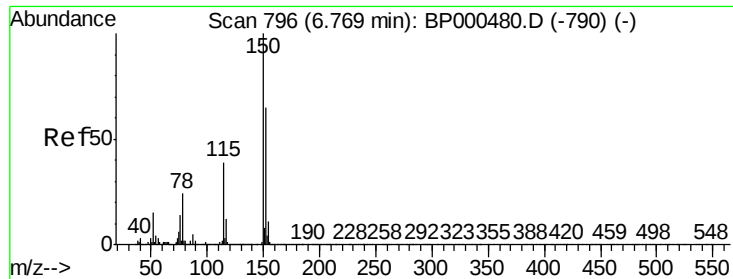
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

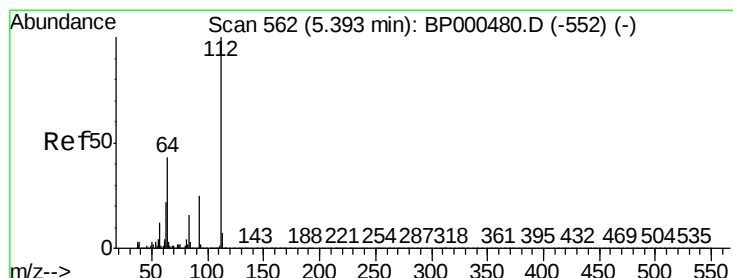
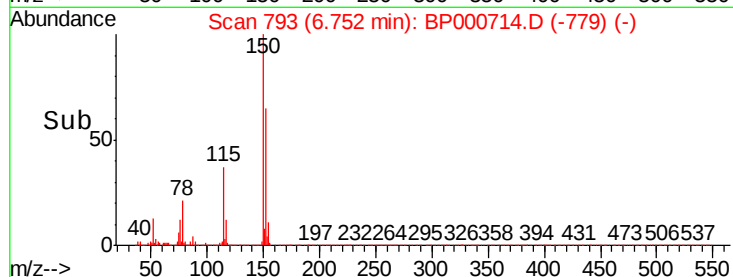
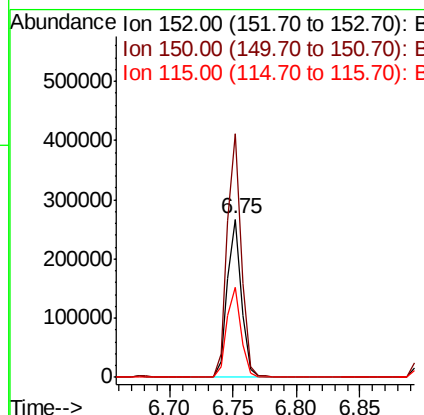
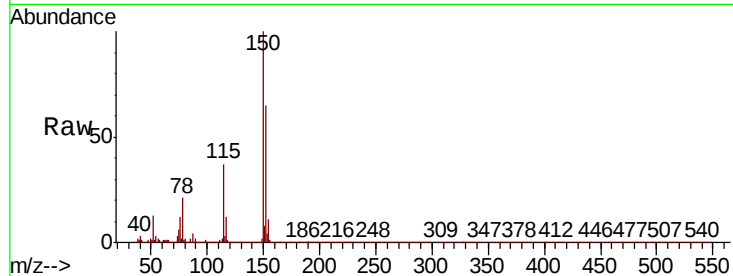
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000714.D
Acq: 14 Oct 2019 16:42

Instrument :
BNA_P
ClientSampleId :
20190834-COMPOSITE-JRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.1	186.1
115	57.1	48.7	73.1

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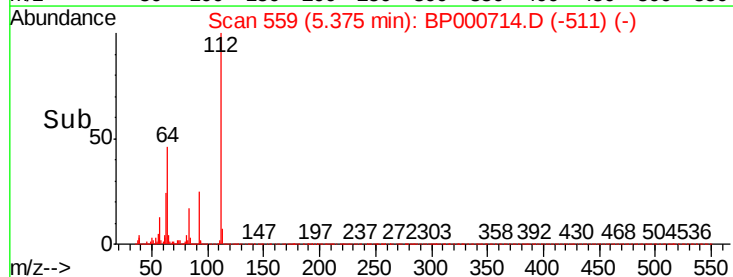
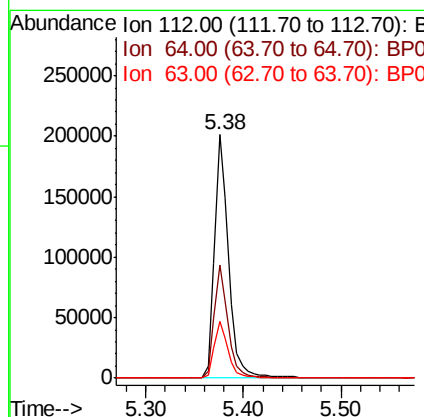
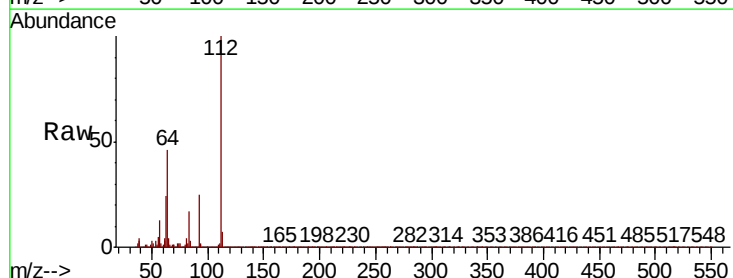
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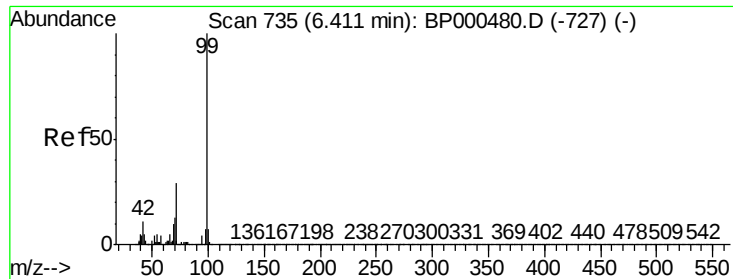


#5

2-Fluorophenol
Concen: 15.810 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000714.D
Acq: 14 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.4	34.2	51.4
63	23.6	17.9	26.9





#7

Phenol-d6

Concen: 83.541 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000714.D

Acq: 14 Oct 2019 16:42

Instrument :

BNA_P

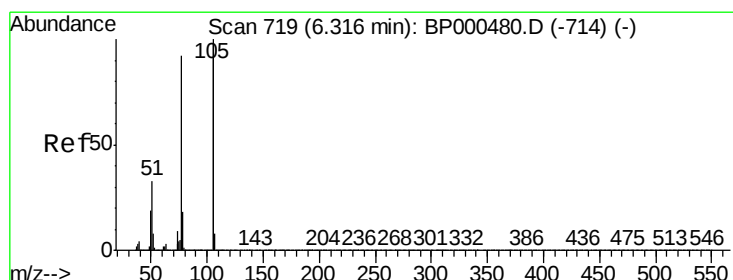
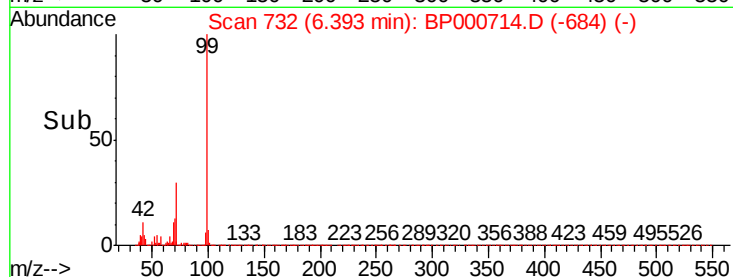
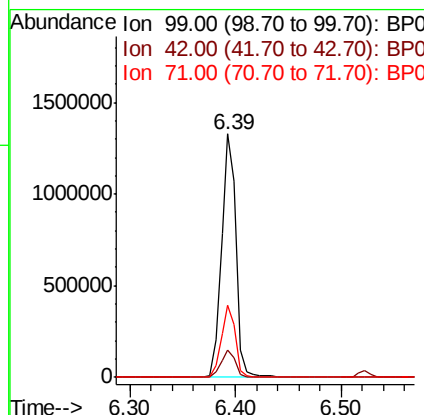
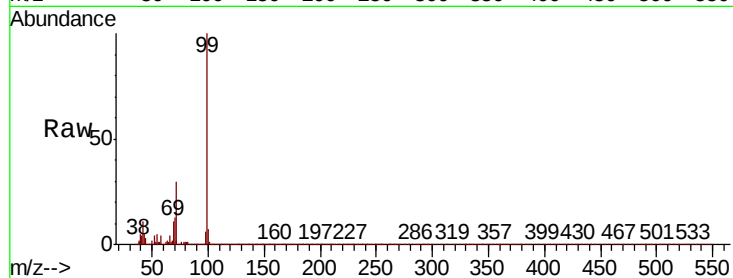
ClientSampleId :

20190834-COMPOSITE-JRE

Tot Ion:	99	Resp:	1286929
Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.6	12.8
71	29.8	23.0	34.4

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#9

Benzaldehyde

Concen: 7.413 ng

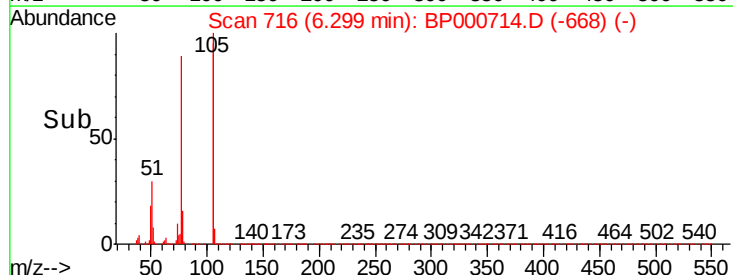
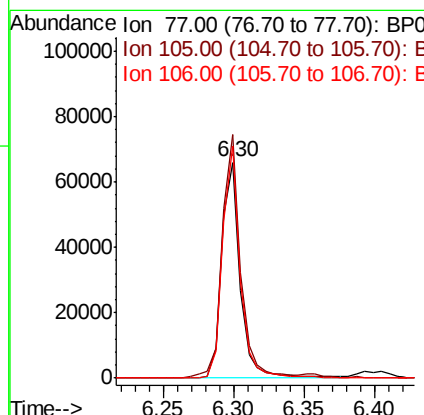
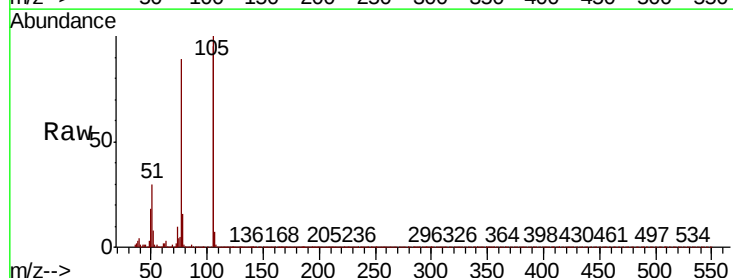
RT: 6.30 min Scan# 716

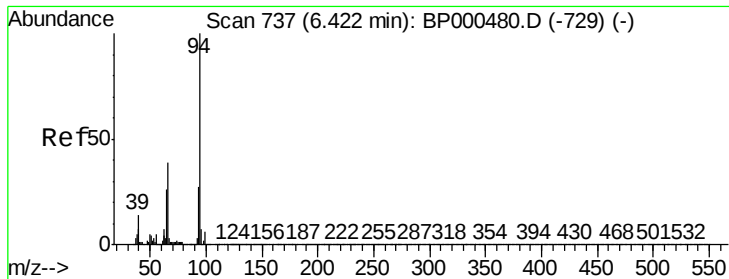
Delta R.T. -0.02 min

Lab File: BP000714.D

Acq: 14 Oct 2019 16:42

Tgt Ion:	77	Resp:	59479
Ion	Ratio	Lower	Upper
77	100		
105	112.8	88.3	128.3
106	107.7	85.7	125.7





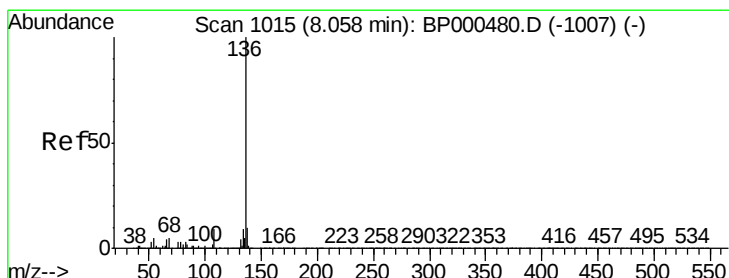
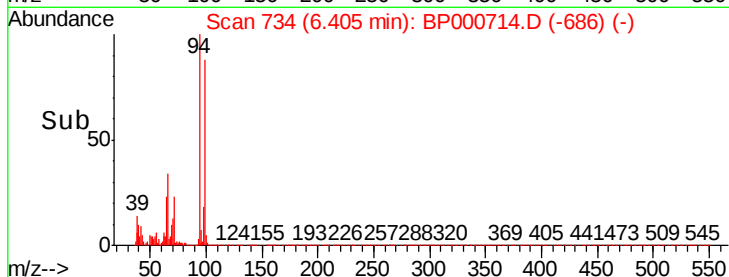
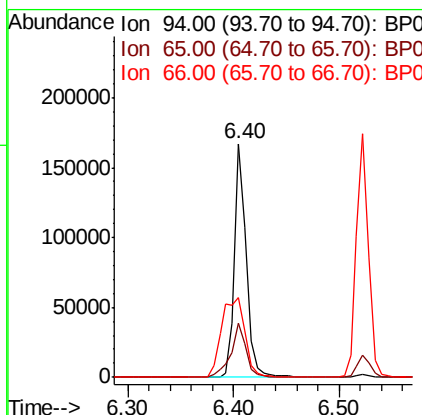
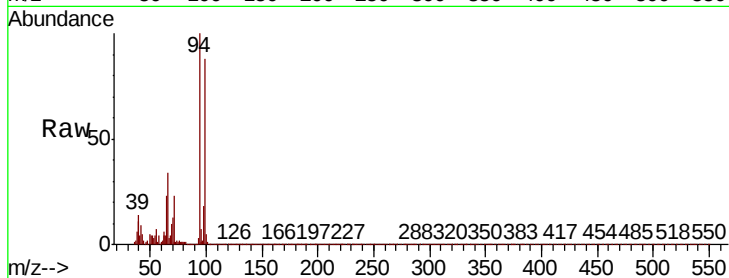
#10
Phenol
Concen: 8.051 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000714.D
Acq: 14 Oct 2019 16:42

Instrument :
BNA_P
ClientSampleId :
20190834-COMPOSITE-JRE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		126990		
65	23.5	5.9	45.9		
66	34.5	18.8	58.8		

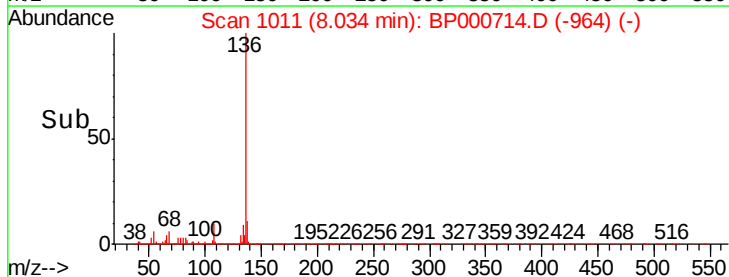
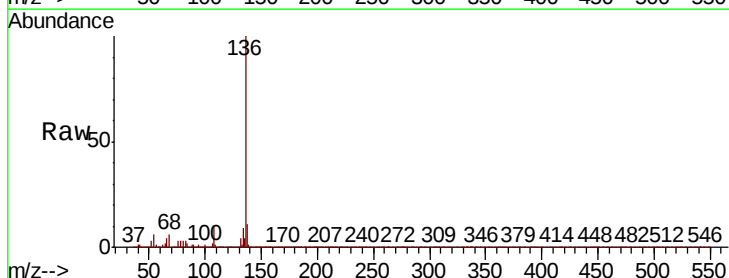
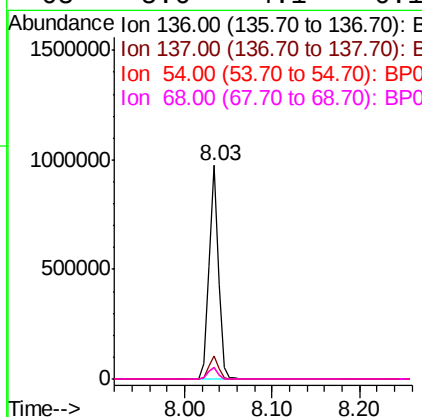
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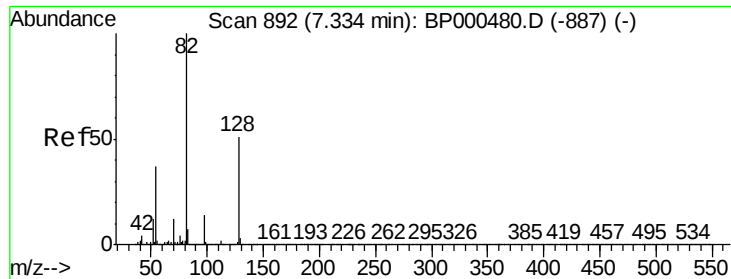
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000714.D
Acq: 14 Oct 2019 16:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		734337		
137	10.8	8.2	12.4		
54	5.5	4.1	6.1		
68	5.6	4.1	6.1		





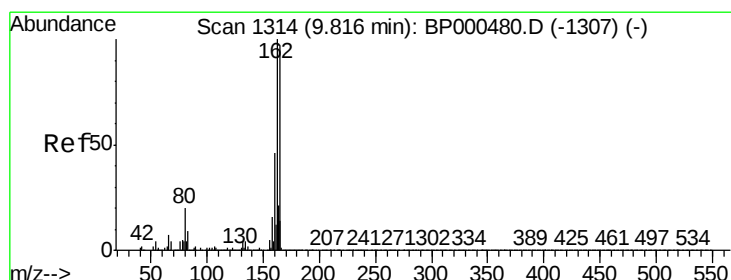
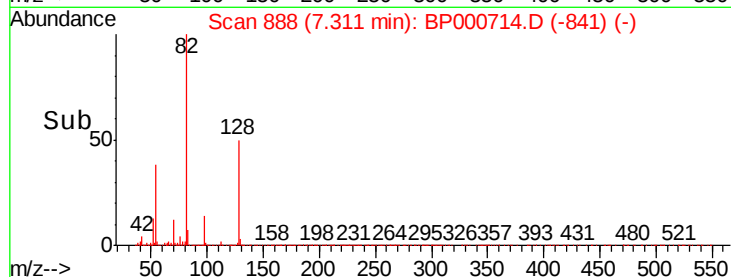
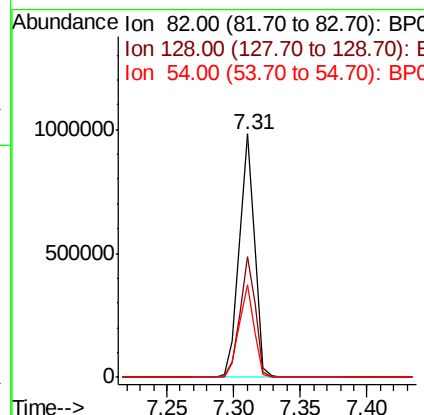
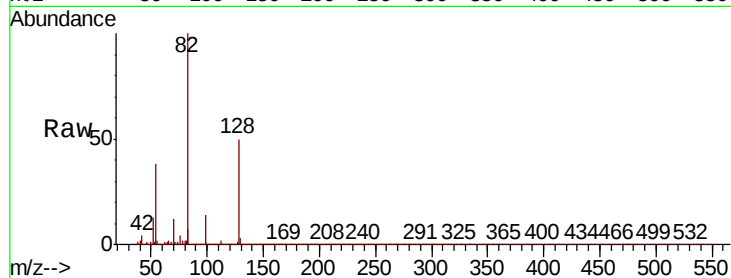
#23
Nitrobenzene-d5
Concen: 66.864 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000714.D
Acq: 14 Oct 2019 16:42

Instrument :
BNA_P
ClientSampleId :
20190834-COMPOSITE-JRE

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.5	40.9	61.3
54	38.0	29.4	44.2

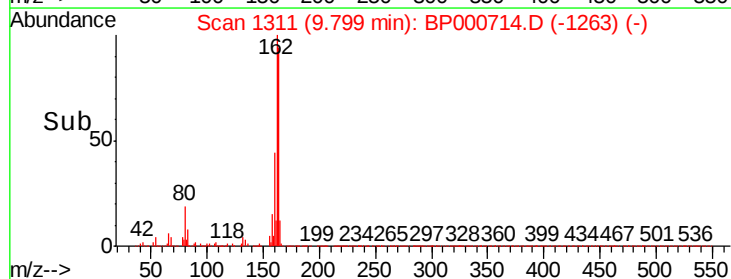
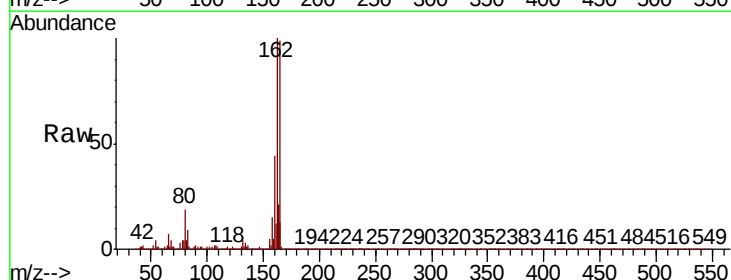
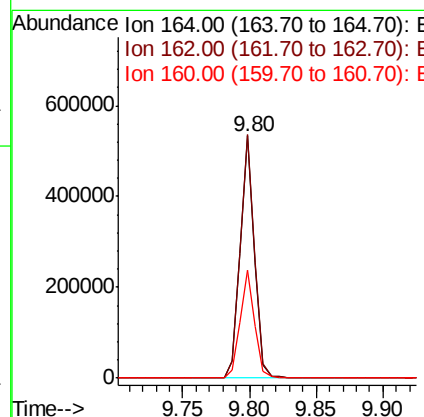
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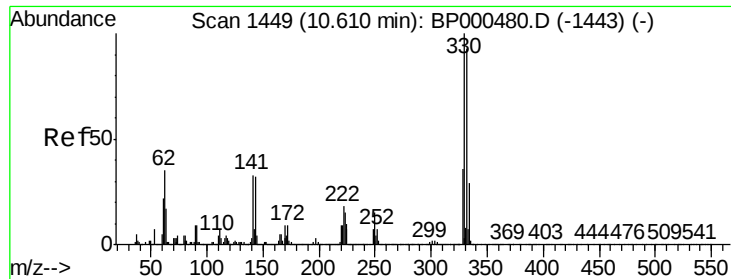
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000714.D
Acq: 14 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.2	123.2
160	44.4	37.6	56.4





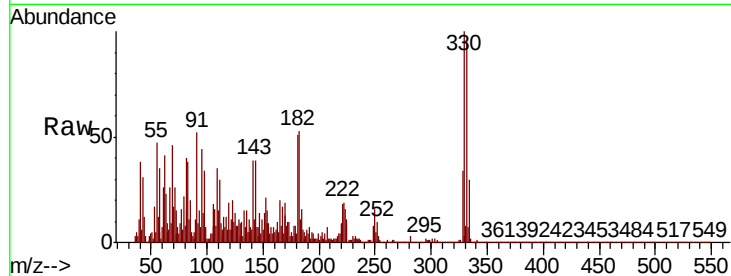
#42
2,4,6-Tribromophenol
Concen: 2.035 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000714.D
Acq: 14 Oct 2019 16:42

Instrument :
BNA_P
ClientSampleId :
20190834-COMPOSITE-JRE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	29.8	26.0	39.0

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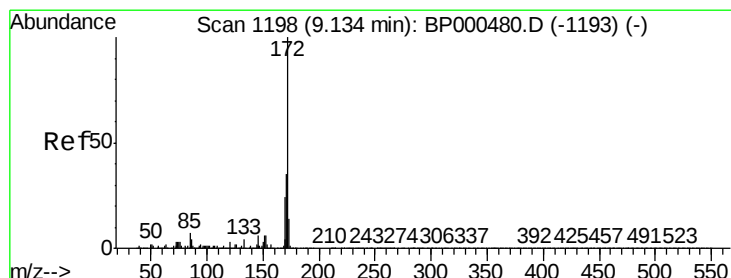
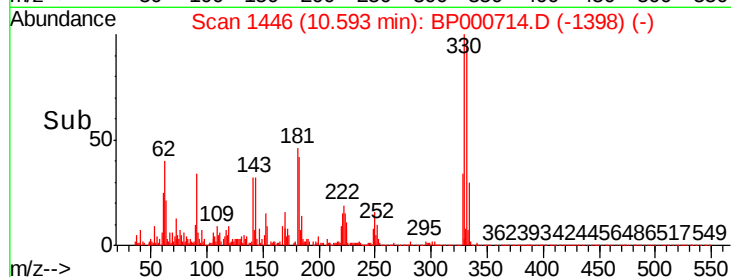
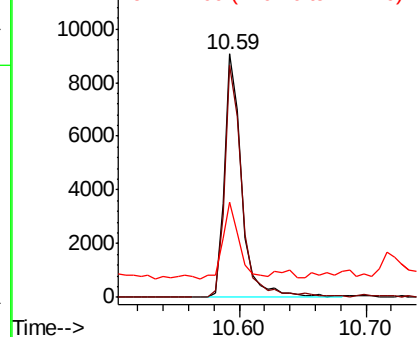


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 56.970 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000714.D
Acq: 14 Oct 2019 16:42

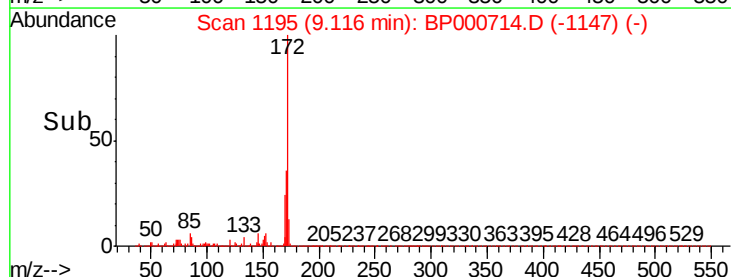
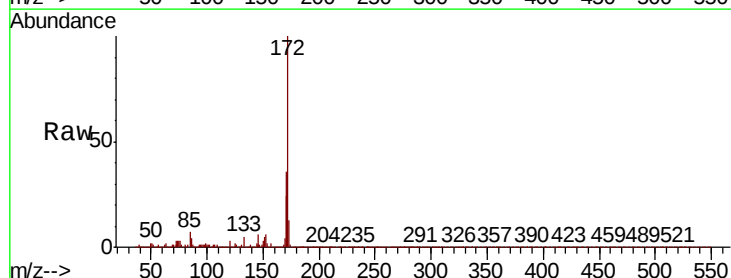
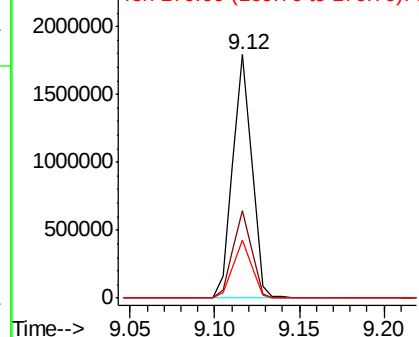
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.4	42.6
170	23.6	19.1	28.7

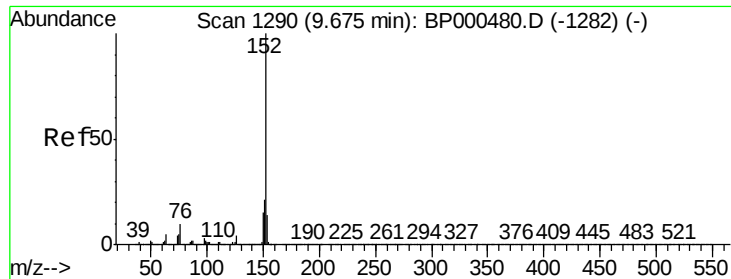
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





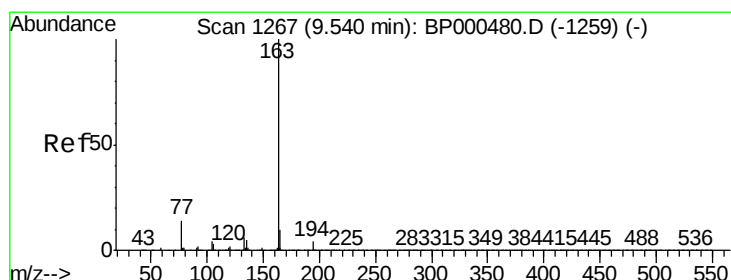
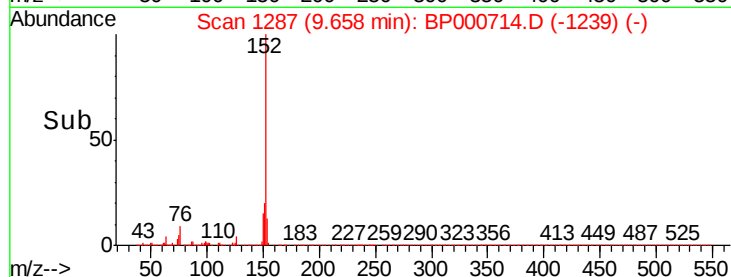
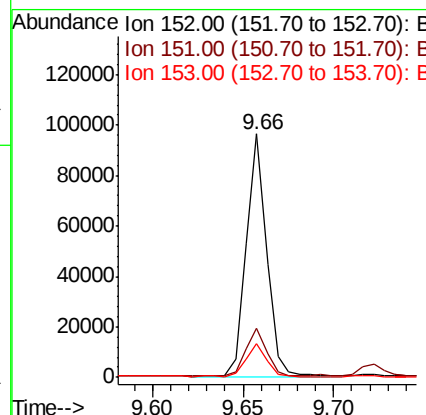
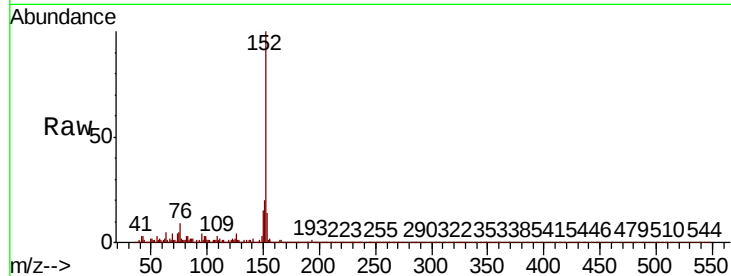
#49
Acenaphthylene
Concen: 2.114 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BP000714.D
Acq: 14 Oct 2019 16:42

Instrument :
BNA_P
ClientSampleId :
20190834-COMPOSITE-JRE

Tot Ion:	152	Resp:	74699
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.6	25.0
153	13.6	11.0	16.6

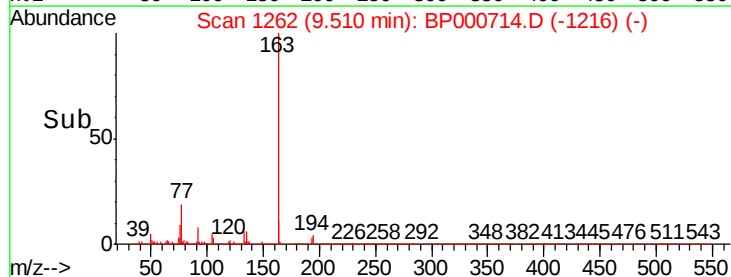
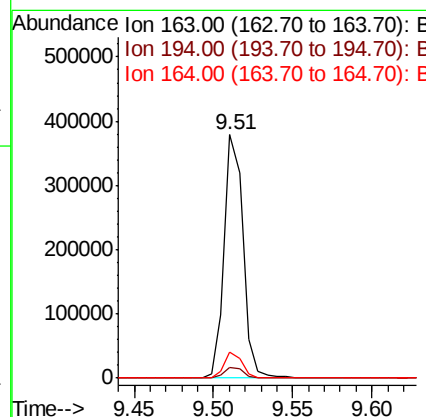
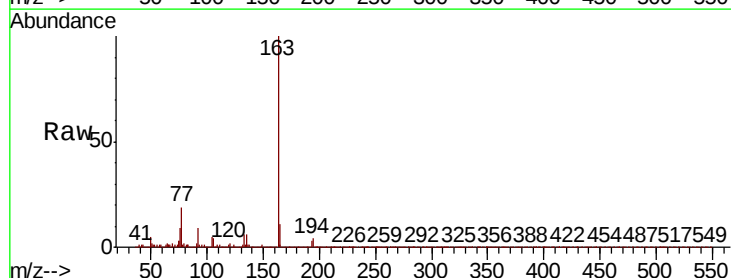
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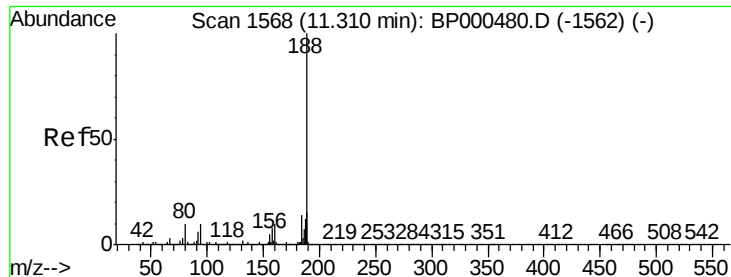
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#50
Dimethylphthalate
Concen: 11.189 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000714.D
Acq: 14 Oct 2019 16:42

Tgt Ion:	163	Resp:	312023
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.2
164	10.7	8.0	12.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BP000714.D

Acq: 14 Oct 2019 16:42

Instrument :

BNA_P

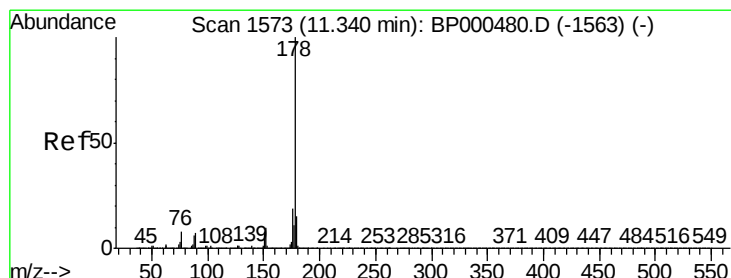
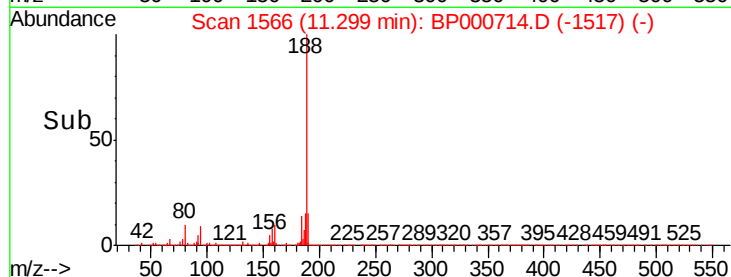
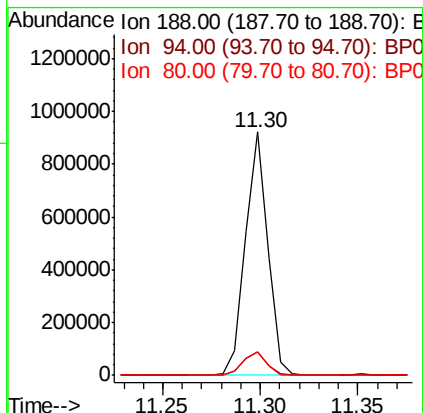
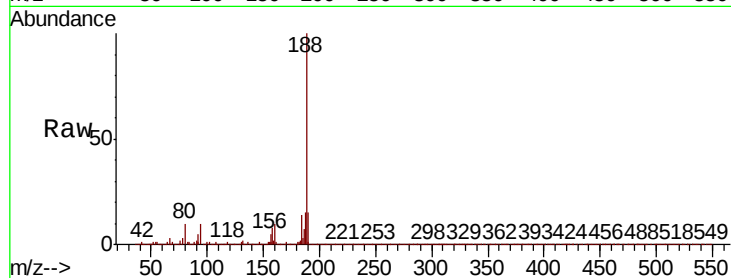
ClientSampleId :

20190834-COMPOSITE-JRE

Tot Ion	Ratio	Resp	Lower	Upper
188	100	729803		
94	9.5	8.2	12.2	
80	9.6	8.3	12.5	

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#71

Phenanthrene

Concen: 3.294 ng

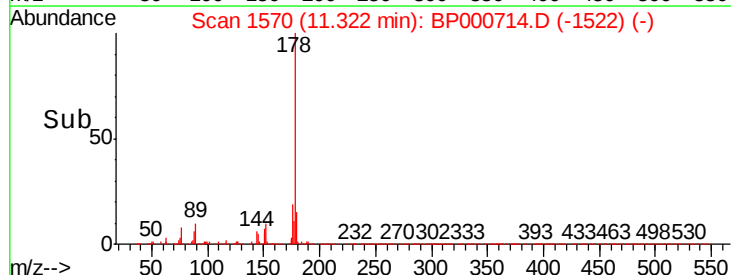
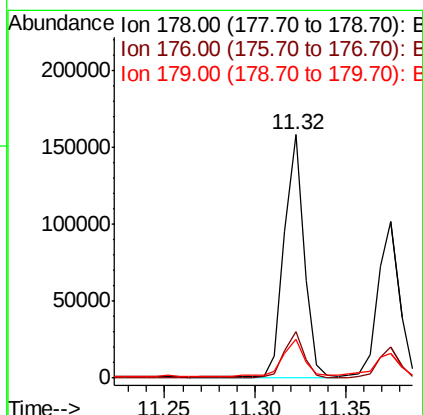
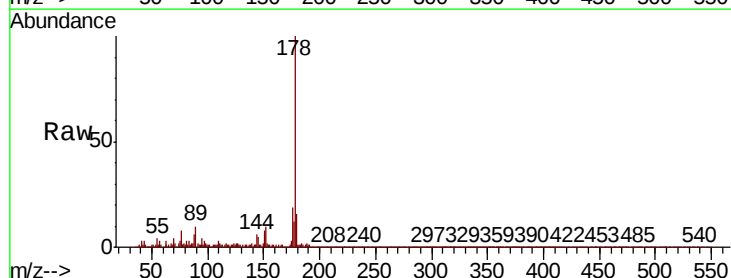
RT: 11.32 min Scan# 1570

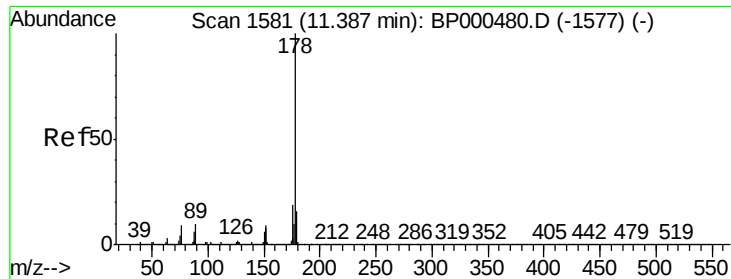
Delta R.T. -0.02 min

Lab File: BP000714.D

Acq: 14 Oct 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	120739		
176	19.3	15.4	23.2	
179	16.0	12.2	18.4	





#72

Anthracene

Concen: 2.251 ng

RT: 11.38 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BP000714.D

Acq: 14 Oct 2019 16:42

Instrument :

BNA_P

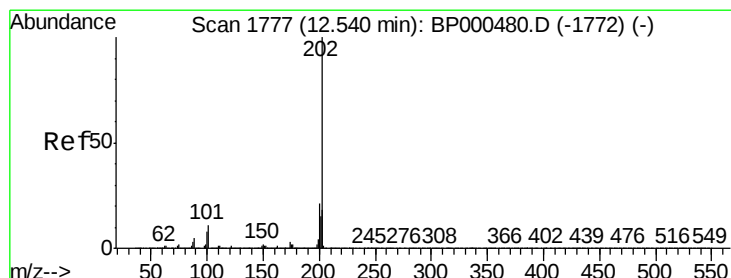
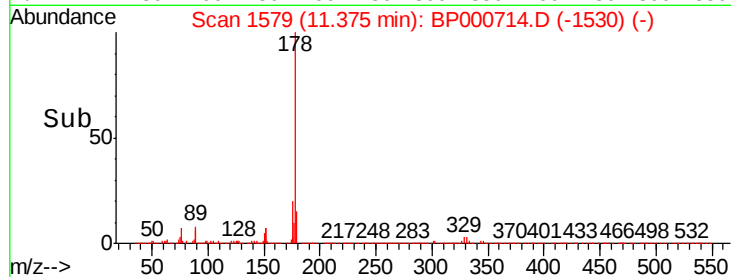
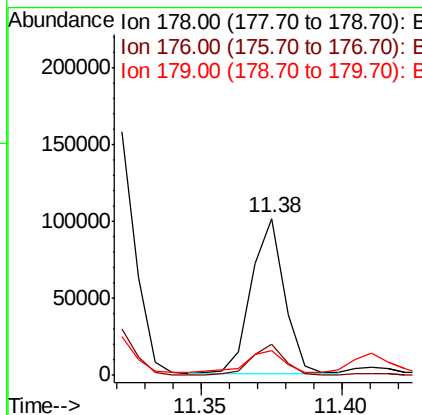
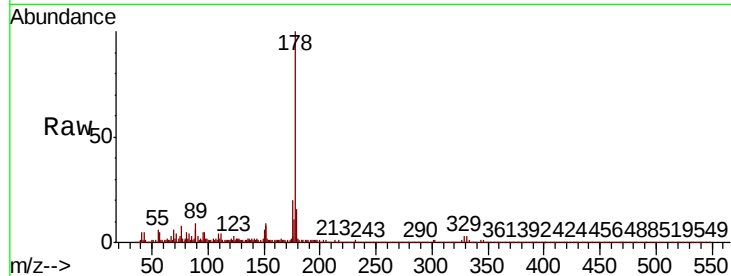
ClientSampleId :

20190834-COMPOSITE-JRE

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.8	15.4	23.0	
179	16.0	12.6	19.0	

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#75

Fluoranthene

Concen: 10.920 ng

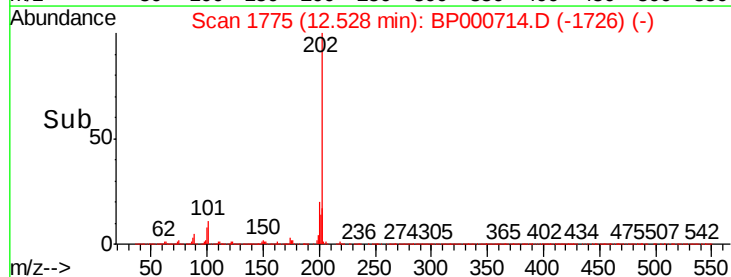
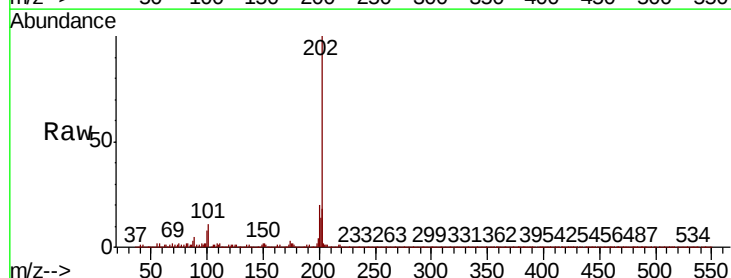
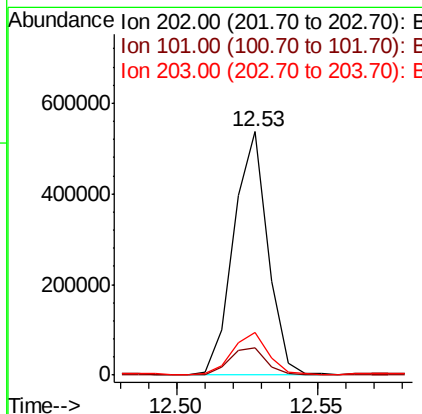
RT: 12.53 min Scan# 1775

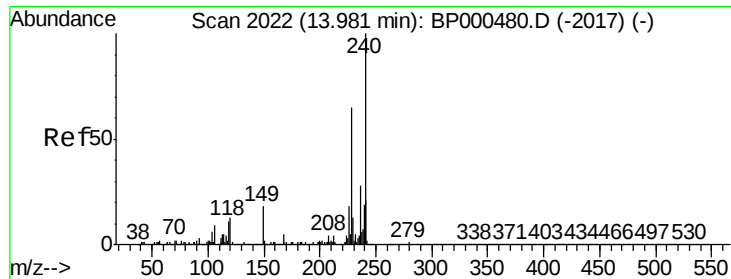
Delta R.T. -0.01 min

Lab File: BP000714.D

Acq: 14 Oct 2019 16:42

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	11.1	0.0	31.3	
203	17.6	0.0	38.1	





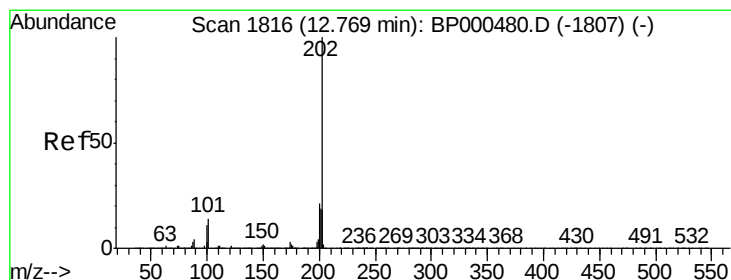
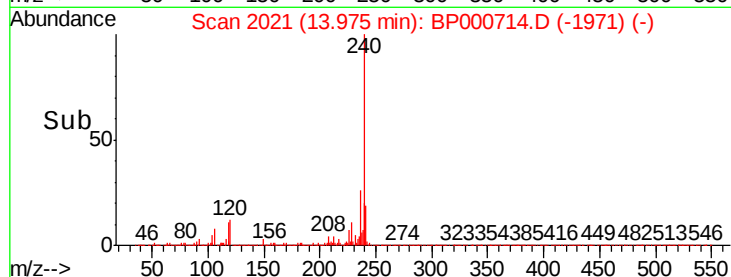
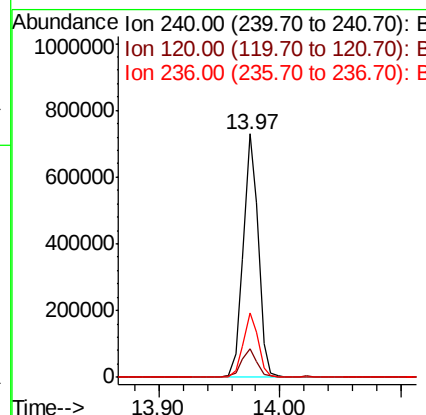
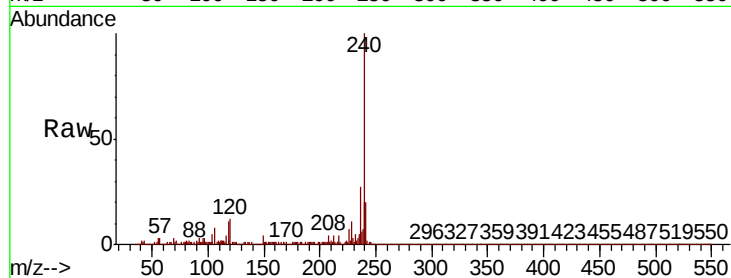
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000714.D
Acq: 14 Oct 2019 16:42

Instrument :
BNA_P
ClientSampleId :
20190834-COMPOSITE-JRE

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	10.1	15.1
236	26.6	22.7	34.1

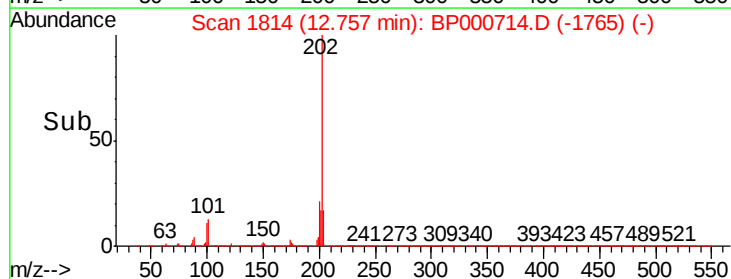
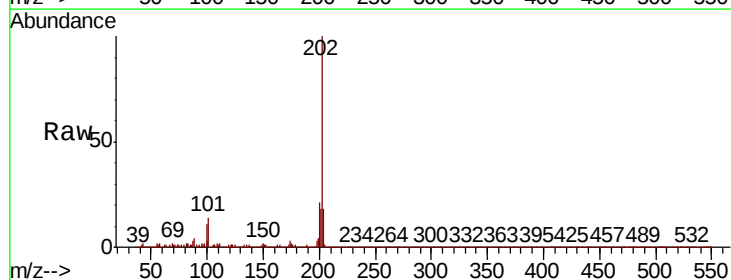
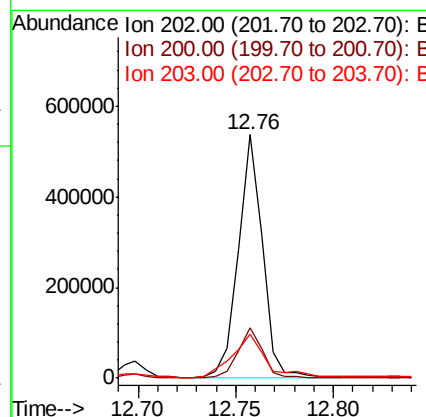
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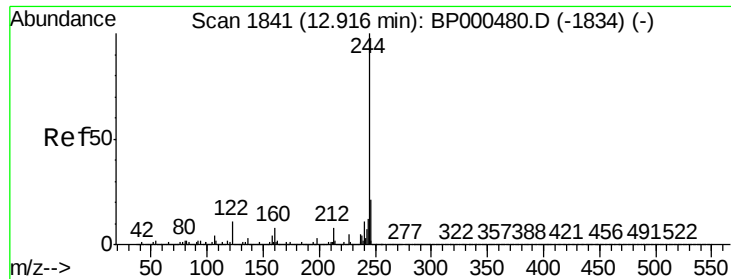
mohammad
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#78
Pyrene
Concen: 10.459 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BP000714.D
Acq: 14 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.1	25.7
203	18.1	14.6	21.8





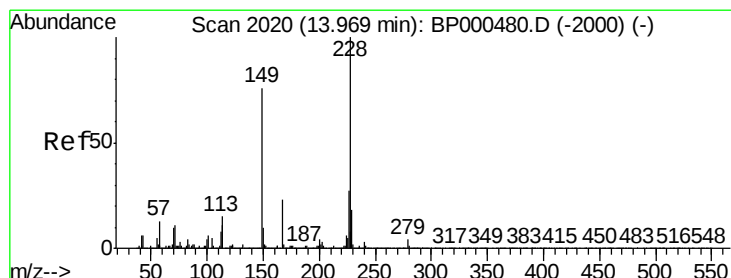
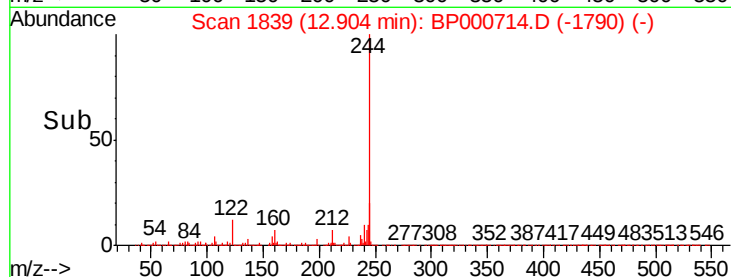
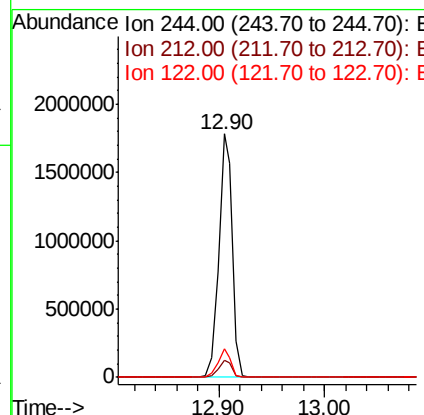
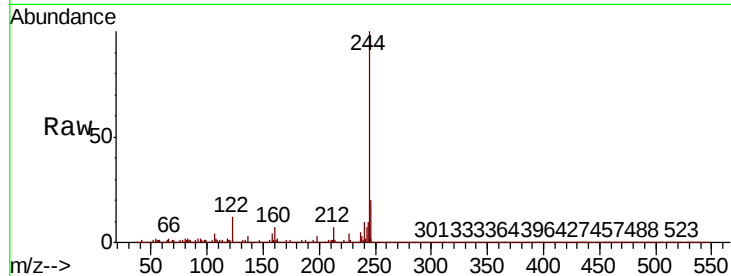
#79
 Terphenyl-d14
 Concen: 51.749 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BP000714.D
 Acq: 14 Oct 2019 16:42

Instrument :
 BNA_P
 ClientSampleId :
 20190834-COMPOSITE-JRE

Tot Ion:244 Resp: 1621527
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.9 8.9 13.3

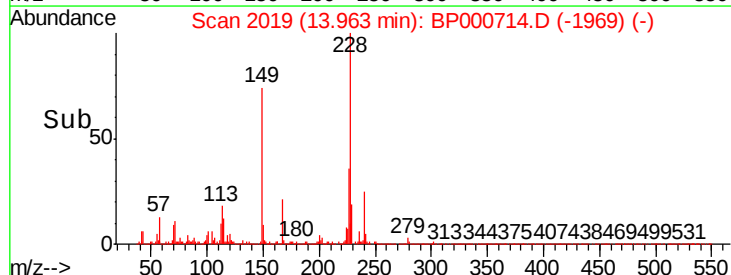
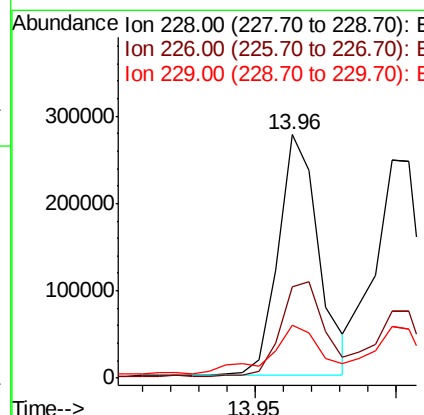
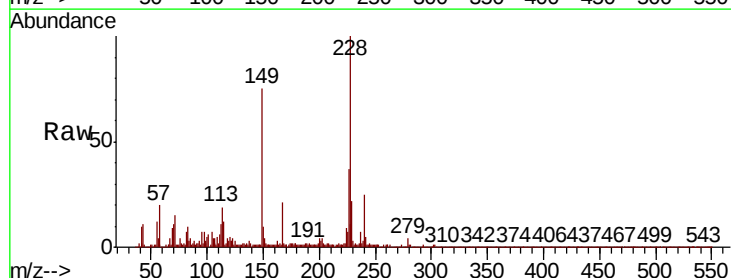
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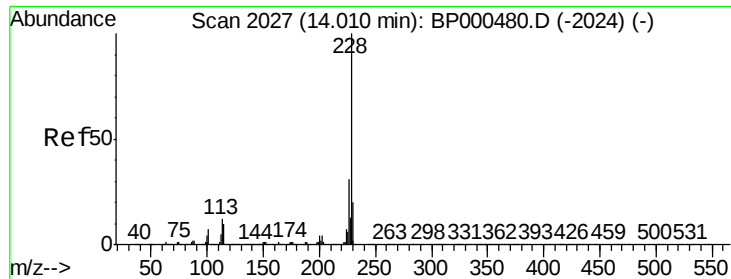
mohammad
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#81
 Benzo(a)anthracene
 Concen: 7.109 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BP000714.D
 Acq: 14 Oct 2019 16:42

Tgt Ion:228 Resp: 275200
 Ion Ratio Lower Upper
 228 100
 226 37.3 21.4 32.2#
 229 21.6 14.7 22.1





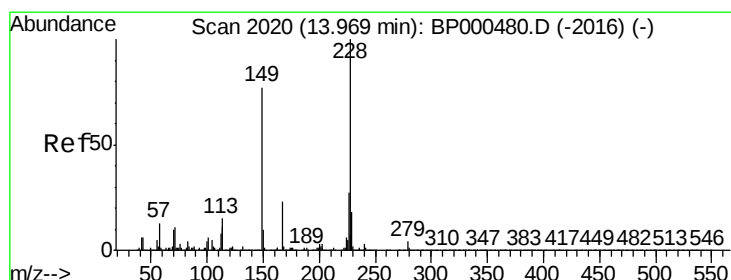
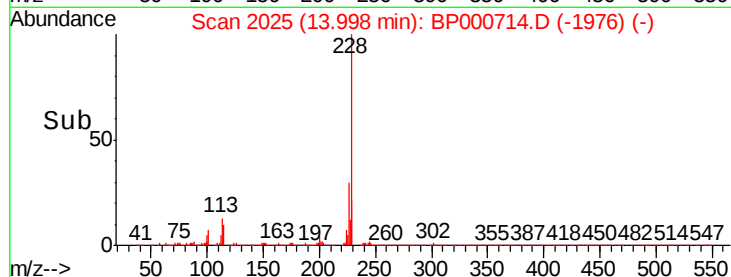
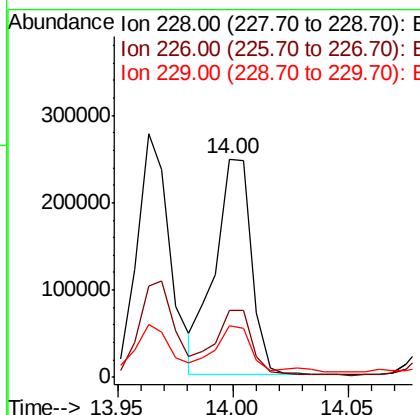
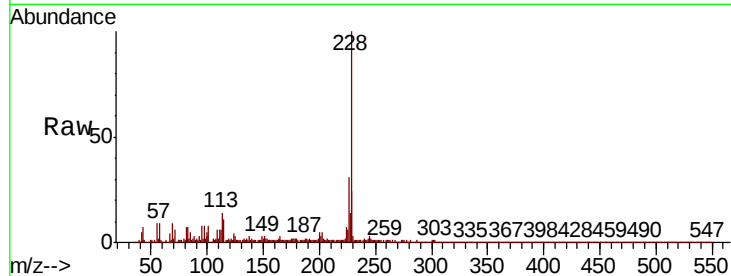
#83
Chrysene
Concen: 7.210 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000714.D
Acq: 14 Oct 2019 16:42

Instrument :
BNA_P
ClientSampleId :
20190834-COMPOSITE-JRE

Tot Ion	Ratio	Resp	Lower	Upper
228	100	273936		
226	30.8		24.7	37.1
229	23.8		16.3	24.5

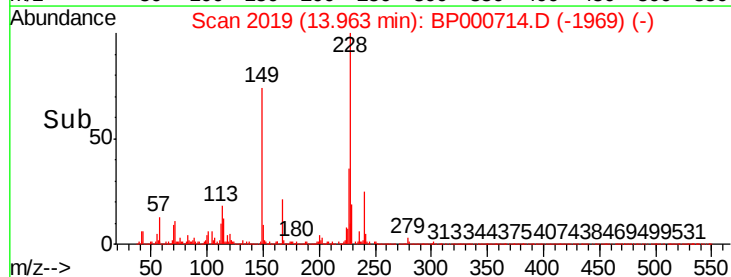
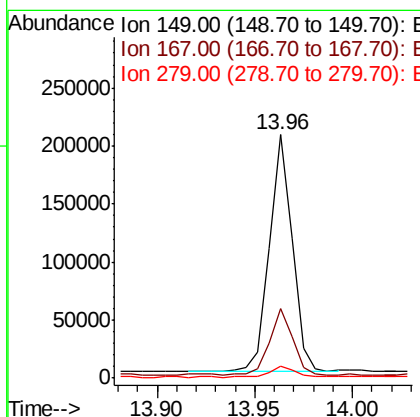
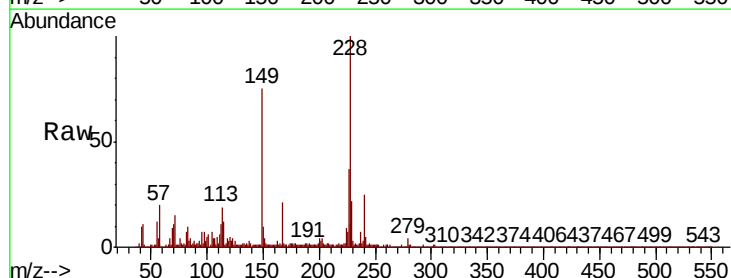
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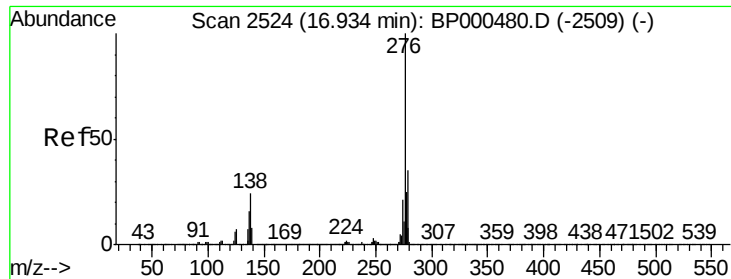
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 6.947 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000714.D
Acq: 14 Oct 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	166607		
167	28.3		23.6	35.4
279	5.0		3.9	5.9





#86

Indeno(1,2,3-cd)pyrene

Concen: 3.716 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.01 min

Lab File: BP000714.D

Acq: 14 Oct 2019 16:42

Instrument :

BNA_P

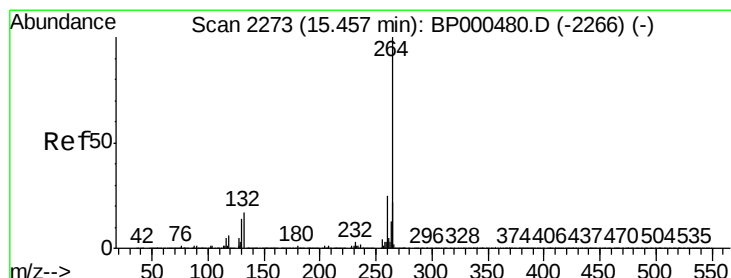
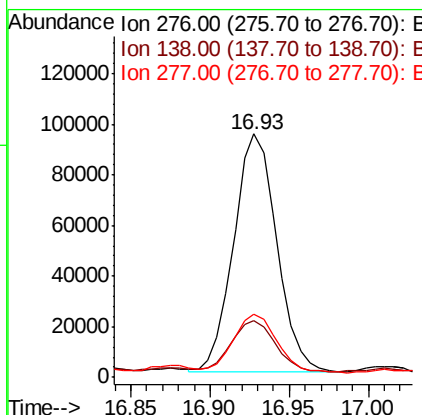
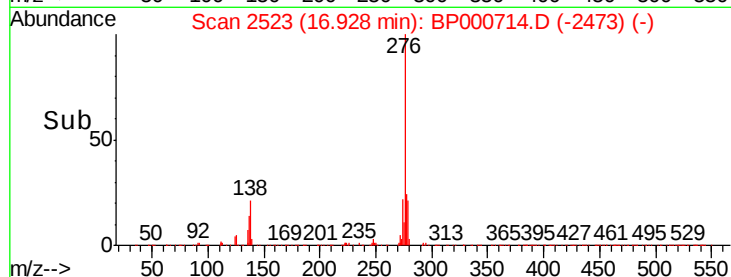
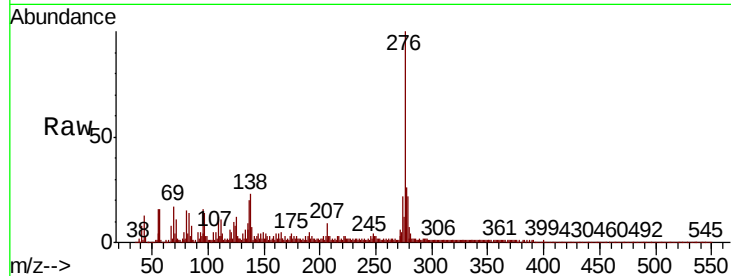
ClientSampleId :

20190834-COMPOSITE-JRE

Tot Ion:	276	Resp:	176342
Ion Ratio	Lower	Upper	
276	100		
138	21.8	20.9	31.3
277	25.2	20.6	30.8

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#87

Perylene-d12

Concen: 20.000 ng

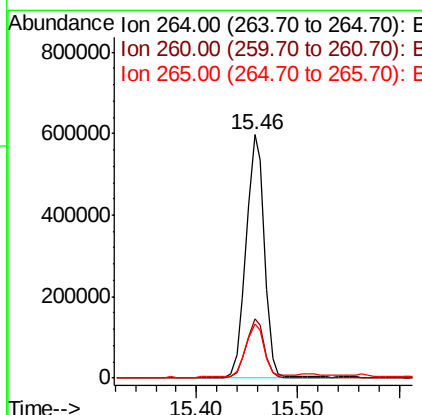
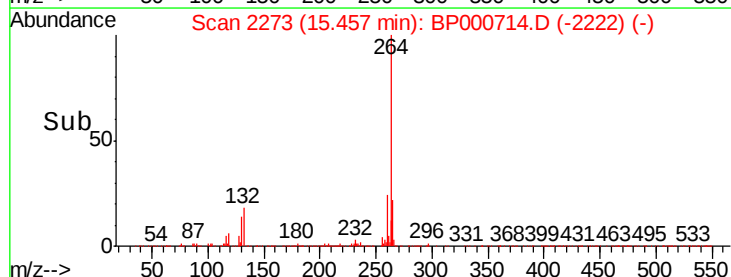
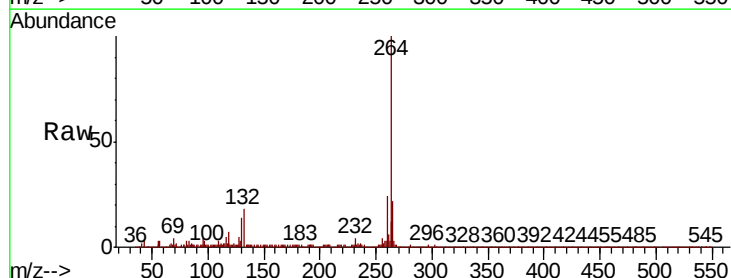
RT: 15.46 min Scan# 2273

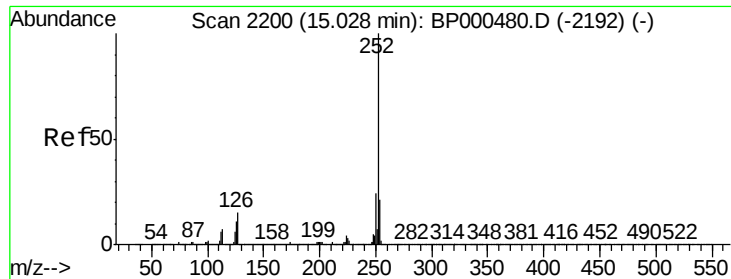
Delta R.T. 0.00 min

Lab File: BP000714.D

Acq: 14 Oct 2019 16:42

Tgt Ion:	264	Resp:	744578
Ion Ratio	Lower	Upper	
264	100		
260	24.4	20.3	30.5
265	22.5	18.0	27.0





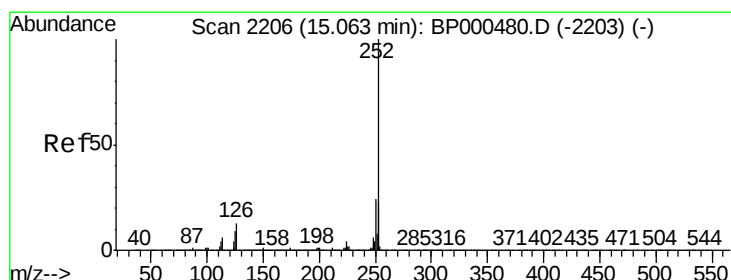
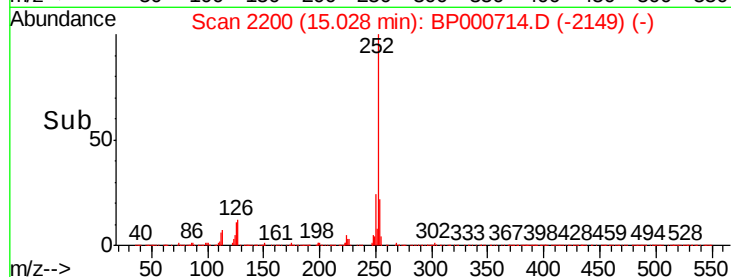
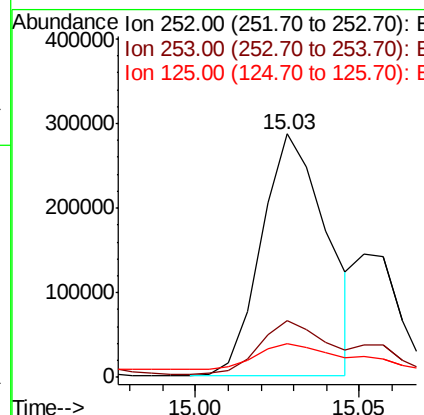
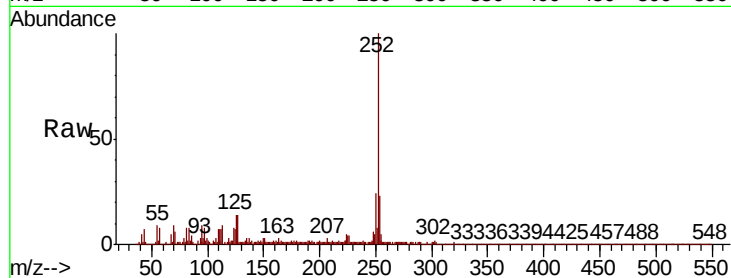
#88
Benzo(b)fluoranthene
Concen: 9.351 ng m
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BP000714.D
Acq: 14 Oct 2019 16:42

Instrument :
BNA_P
ClientSampleId :
20190834-COMPOSITE-JRE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.4
125	13.8	8.9	13.3#

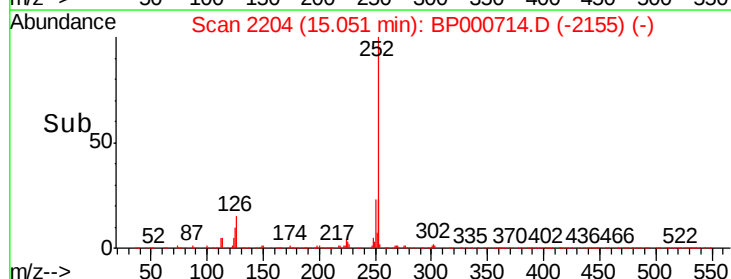
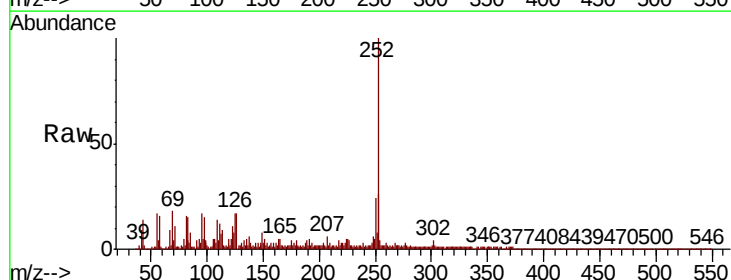
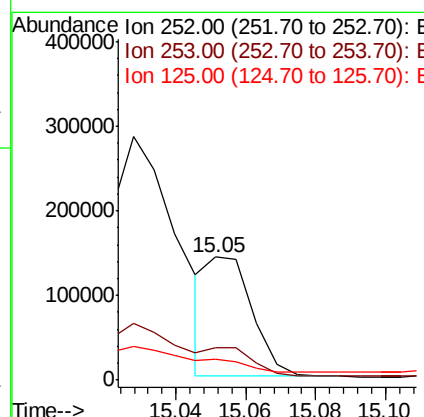
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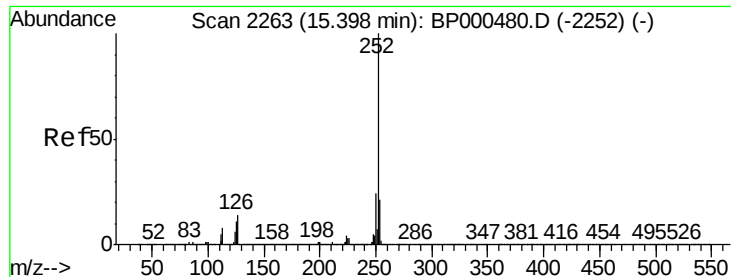
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#89
Benzo(k)fluoranthene
Concen: 3.152 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BP000714.D
Acq: 14 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.4	27.6
125	16.8	7.8	11.8#





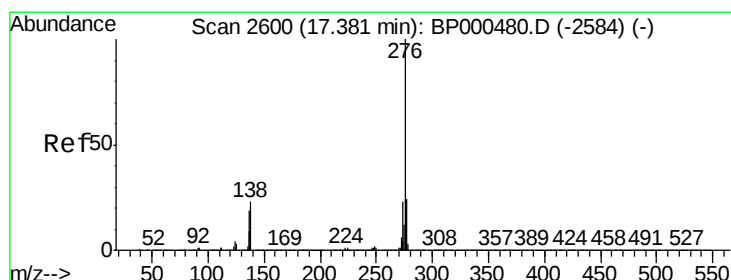
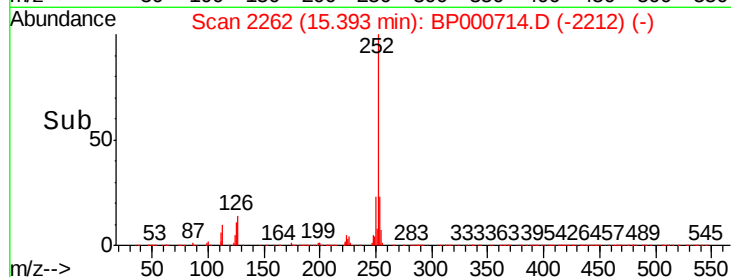
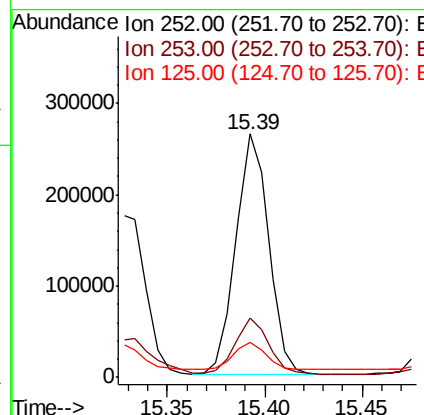
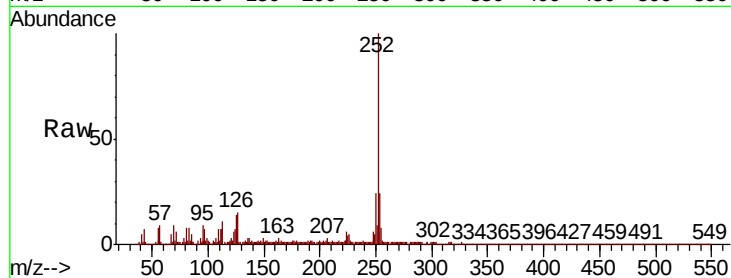
#90
Benzo(a)pyrene
Concen: 7.865 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP000714.D
Acq: 14 Oct 2019 16:42

Instrument :
BNA_P
ClientSampleId :
20190834-COMPOSITE-JRE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	14.2	8.4	12.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.350 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BP000714.D
Acq: 14 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.2
138	22.8	18.5	27.7

