

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
 Data File : BP000713.D
 Acq On : 14 Oct 2019 16:18
 Operator : JU
 Sample : K5348-09RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190833-COMPOSITE-IRE

Manual Integrations
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mohammad
 10/16/2019 8:11:34 AM

Quant Time: Oct 15 04:34:05 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	201220	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	722329	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	395405	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	718936	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	612215	20.00	ng	0.00
87) Perylene-d12	15.46	264	724138	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	204293	16.32	ng	-0.02
7) Phenol-d6	6.39	99	1215772	80.60	ng	-0.02
23) Nitrobenzene-d5	7.31	82	816899	69.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	8155	1.94	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1532842	62.72	ng	-0.02
79) Terphenyl-d14	12.90	244	1669289	55.21	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.30	77	54115	6.887	ng	95
10) Phenol	6.40	94	98656	6.388	ng	94
50) Dimethylphthalate	9.51	163	317420	11.553	ng	99
71) Phenanthrene	11.32	178	105087	2.910	ng	98
72) Anthracene	11.37	178	73627	2.057	ng	99
75) Fluoranthene	12.53	202	346201	8.537	ng	100
78) Pyrene	12.76	202	386269	9.148	ng	99
81) Benzo(a)anthracene	13.96	228	236182	6.323	ng	# 84
83) Chrysene	14.00	228	247220	6.743	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	148342	6.410	ng	98
86) Indeno(1,2,3-cd)pyrene	16.93	276	147733	3.226	ng	95
88) Benzo(b)fluoranthene	15.03	252	345460m	8.409	ng	
89) Benzo(k)fluoranthene	15.05	252	101606m	2.598	ng	
90) Benzo(a)pyrene	15.39	252	265247	6.926	ng	# 93
92) Benzo(a,h,i)perylene	17.37	276	148935	3.946	ng	97

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

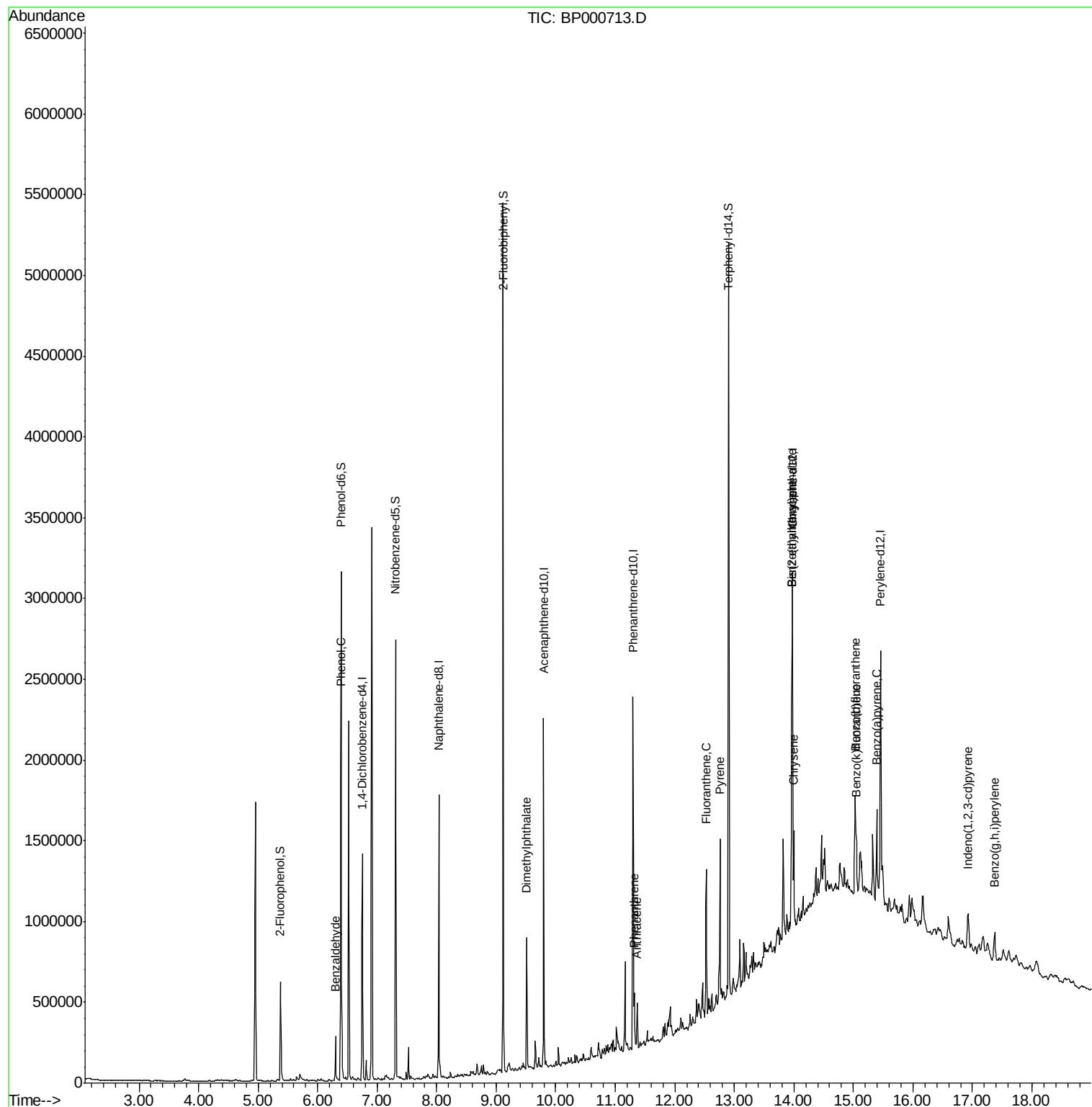
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
Data File : BP000713.D
Acq On : 14 Oct 2019 16:18
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ALS Vial : 12 Sample Multiplier: 1

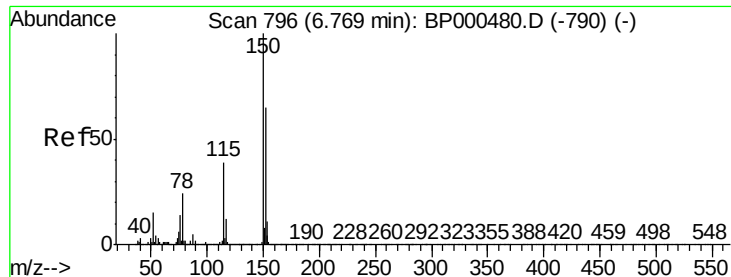
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

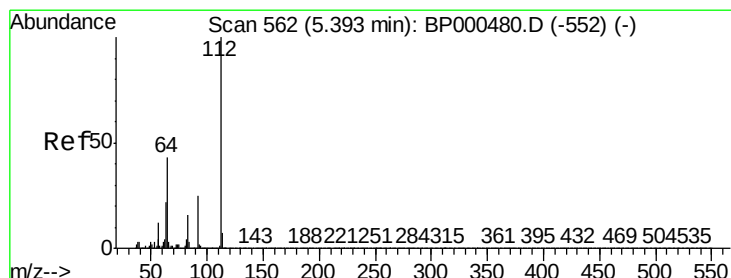
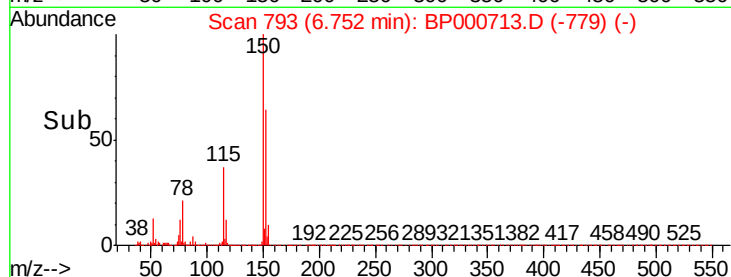
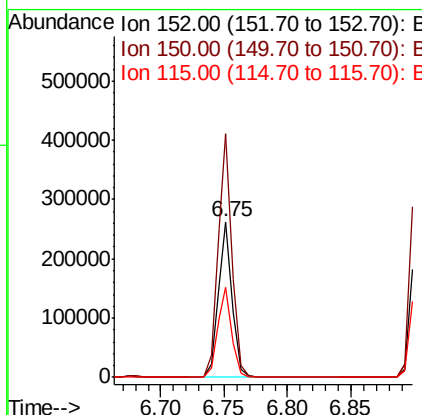
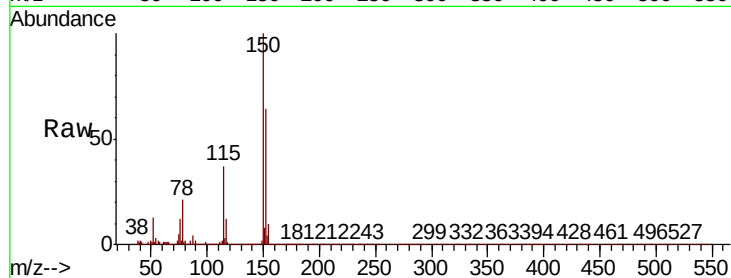
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Instrument :
BNA_P
ClientSampleId :
20190833-COMPOSITE-IRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.1	186.1
115	57.9	48.7	73.1

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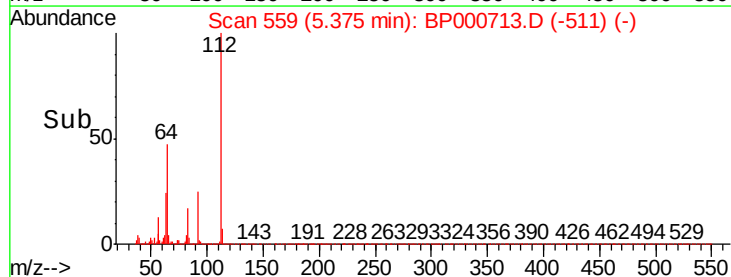
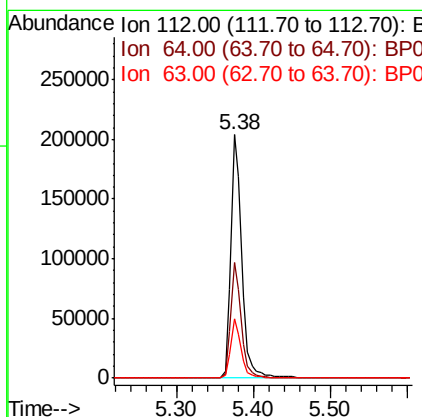
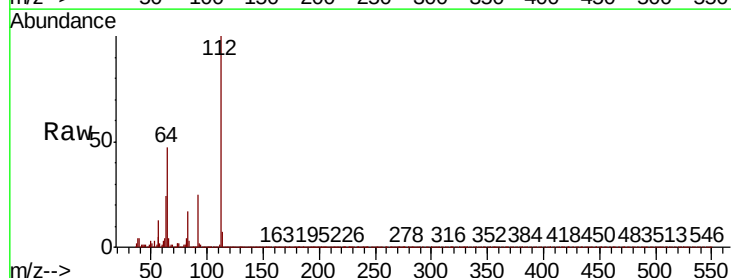
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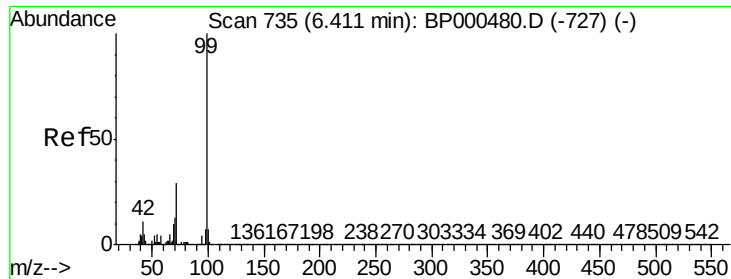


#5

2-Fluorophenol
Concen: 16.320 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.4	34.2	51.4
63	24.5	17.9	26.9





#7

Phenol-d6

Concen: 80.596 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000713.D

Acq: 14 Oct 2019 16:18

Instrument :

BNA_P

ClientSampleId :

20190833-COMPOSITE-IRE

Tot Ion: 99 Resp: 1215772

Ion Ratio Lower Upper

99 100

42 11.2 8.6 12.8

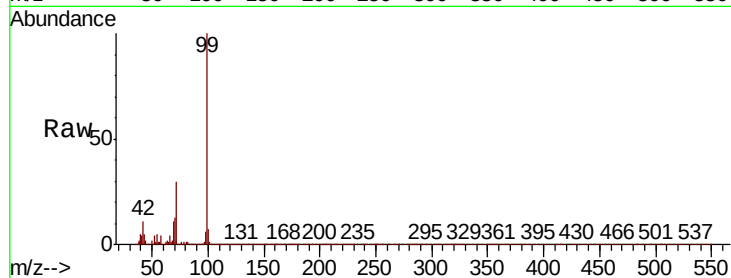
71 29.6 23.0 34.4

Manual Integrations

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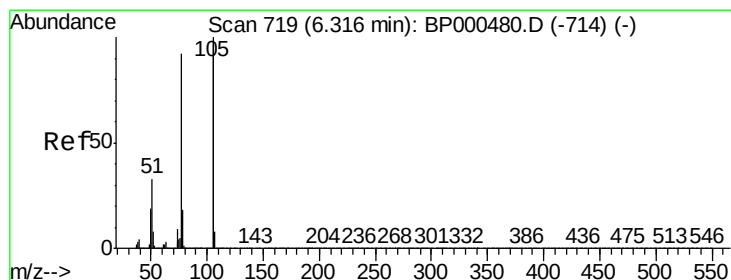
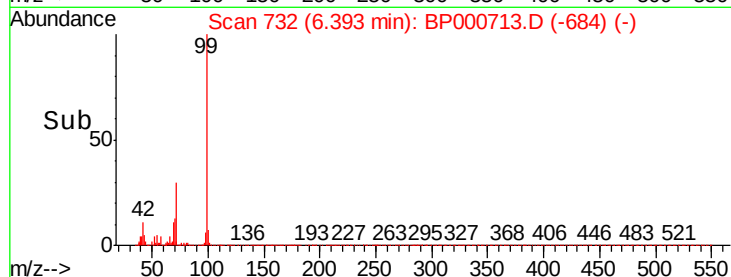
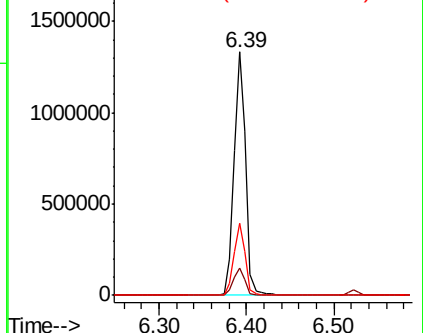
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#9

Benzaldehyde

Concen: 6.887 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BP000713.D

Acq: 14 Oct 2019 16:18

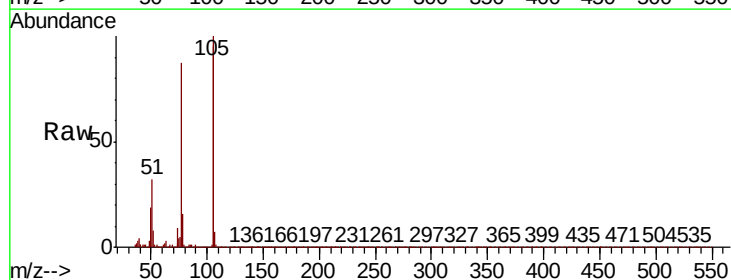
Tgt Ion: 77 Resp: 54115

Ion Ratio Lower Upper

77 100

105 114.8 88.3 128.3

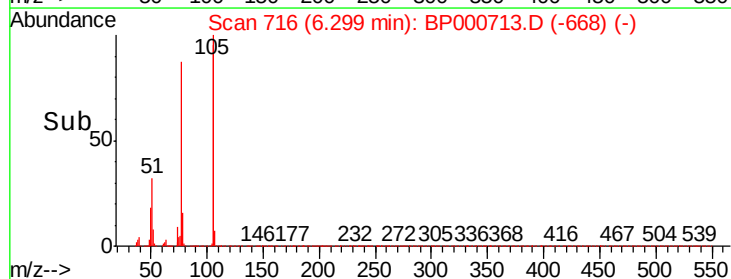
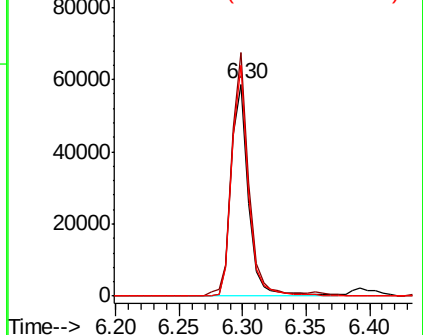
106 109.1 85.7 125.7

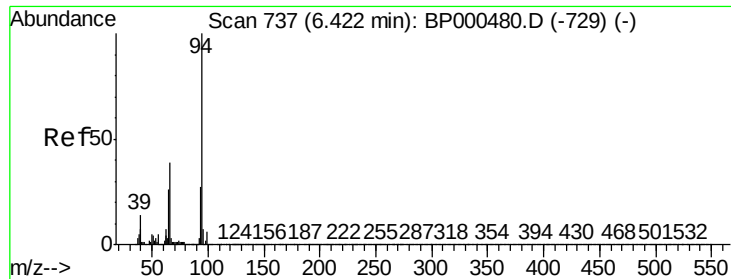


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





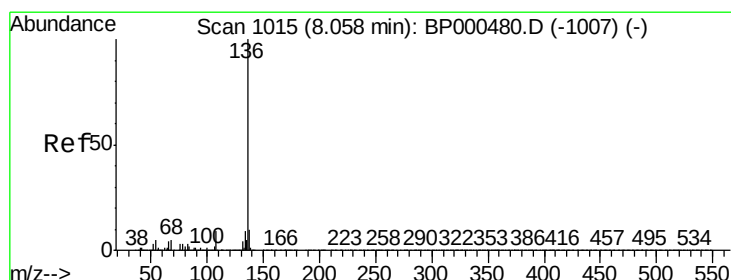
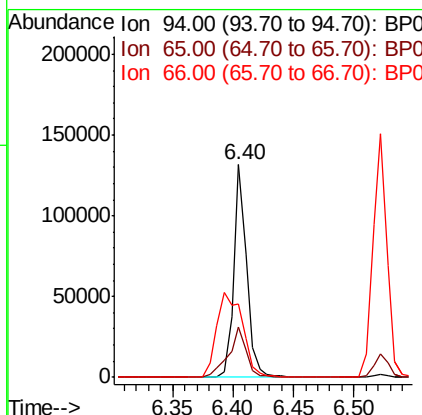
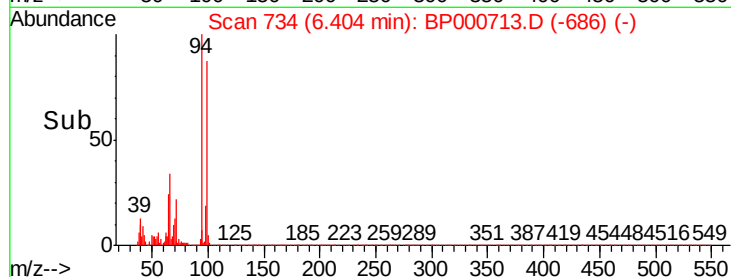
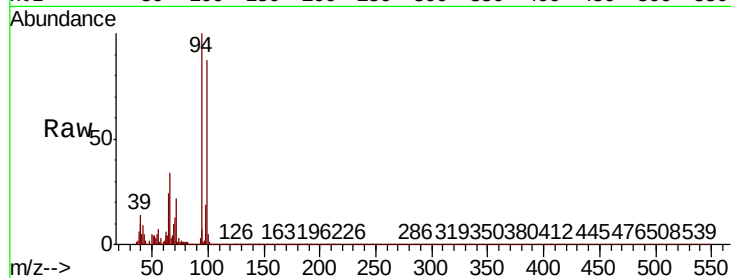
#10
Phenol
Concen: 6.388 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Instrument :
BNA_P
ClientSampleId :
20190833-COMPOSITE-IRE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	23.7	5.9	45.9		
66	34.4	18.8	58.8		

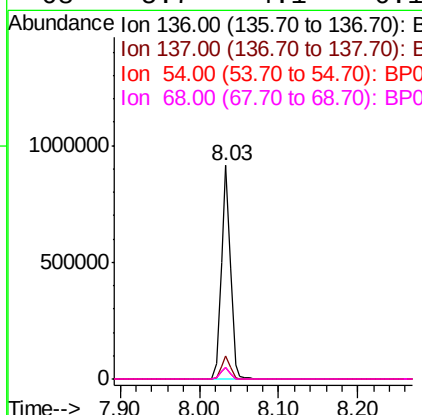
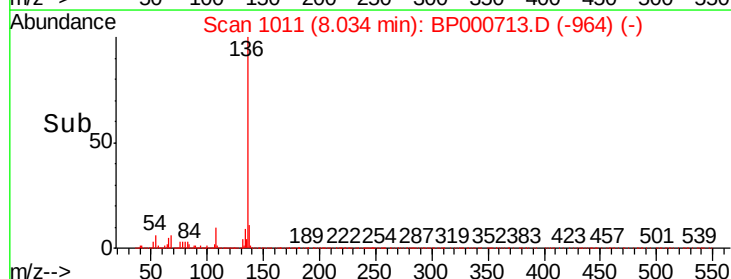
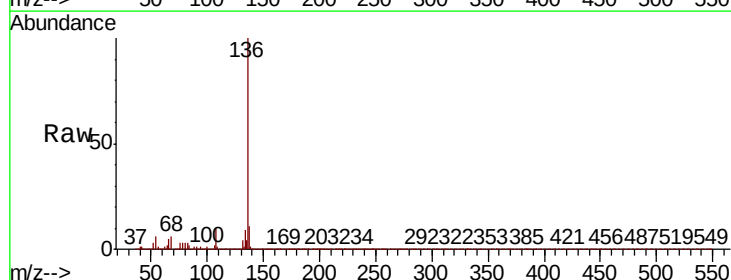
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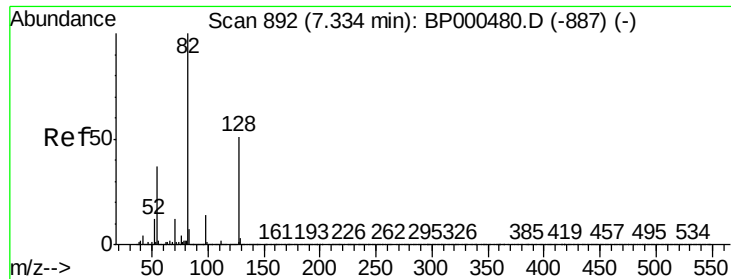
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.9	8.2	12.4		
54	5.7	4.1	6.1		
68	5.7	4.1	6.1		





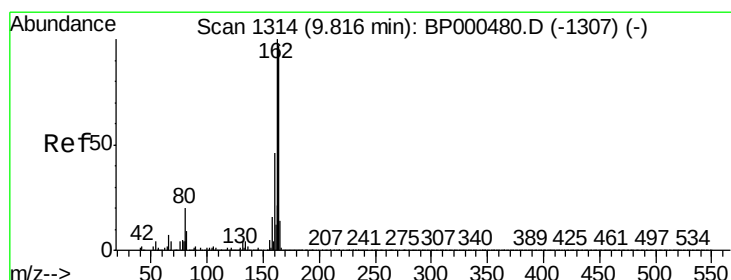
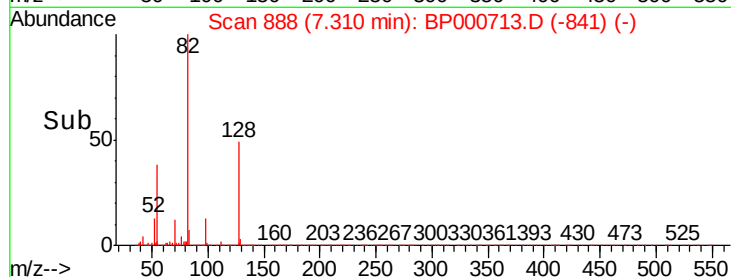
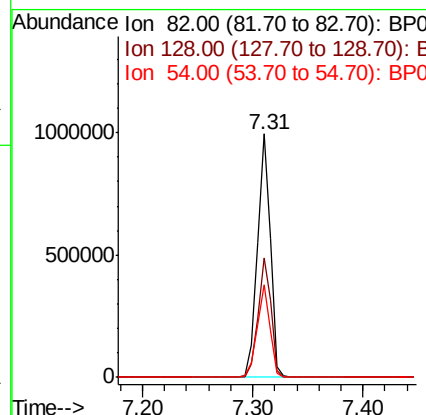
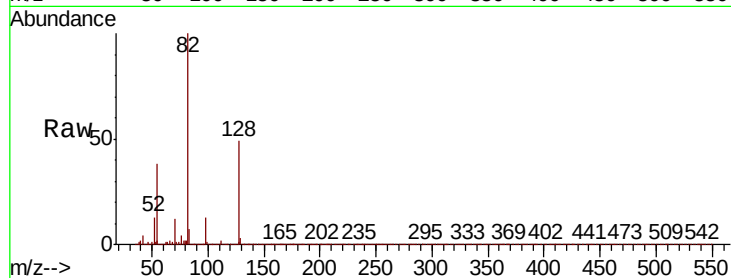
#23
Nitrobenzene-d5
Concen: 69.072 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Instrument :
BNA_P
ClientSampleId :
20190833-COMPOSITE-IRE

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.9	61.3
54	38.2	29.4	44.2

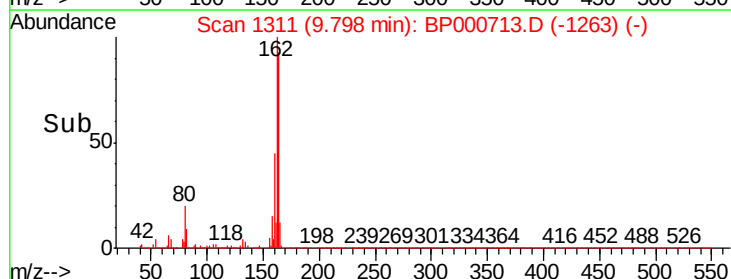
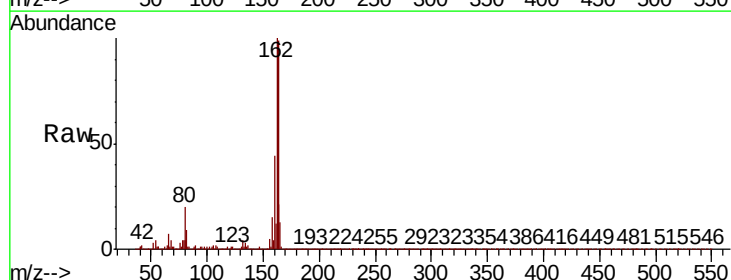
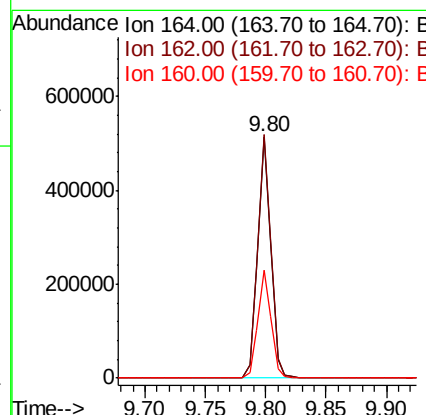
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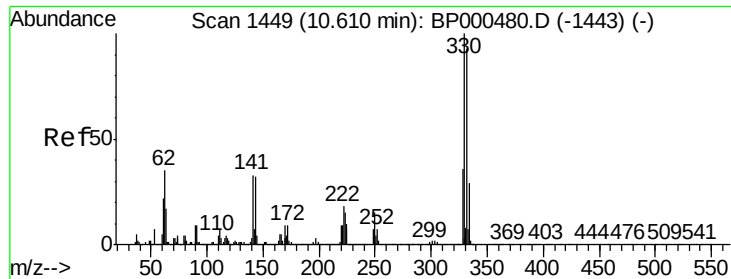
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.2	123.2
160	44.7	37.6	56.4





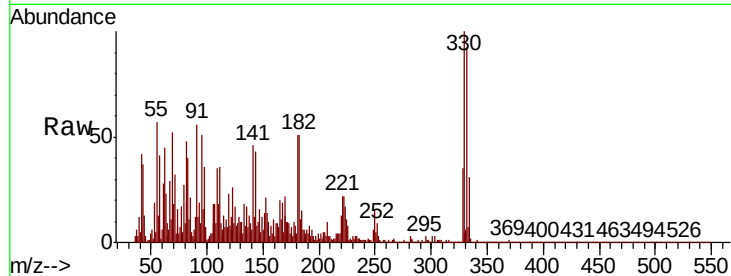
#42
2,4,6-Tribromophenol
Concen: 1.935 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Instrument :
BNA_P
ClientSampleId :
20190833-COMPOSITE-IRE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	30.0	26.0	39.0

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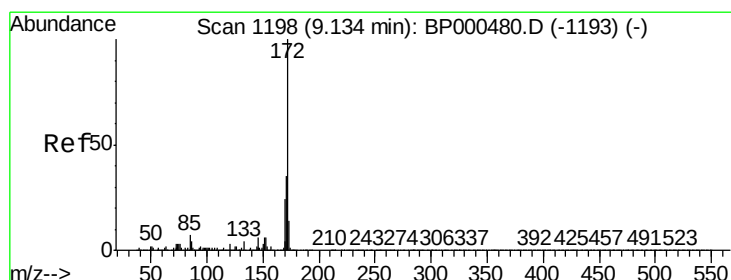
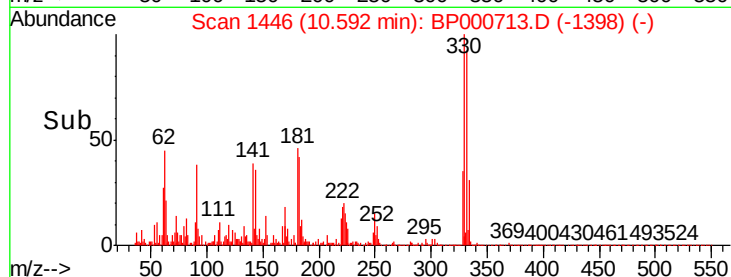
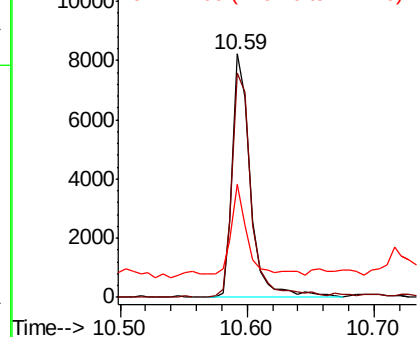


Abundance

Ion 329.80 (329.50 to 330.50): E

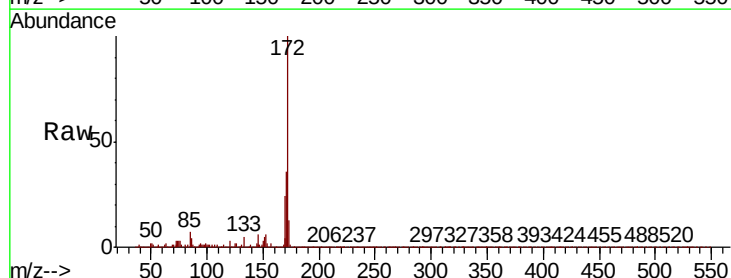
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 62.724 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

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

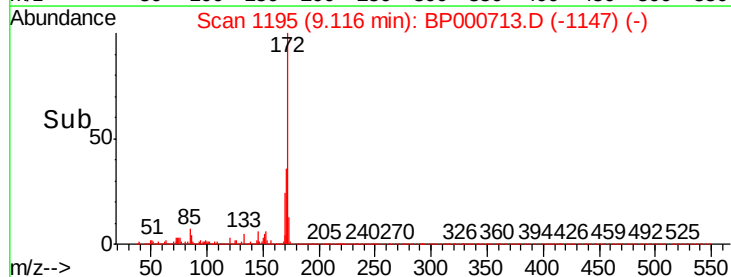
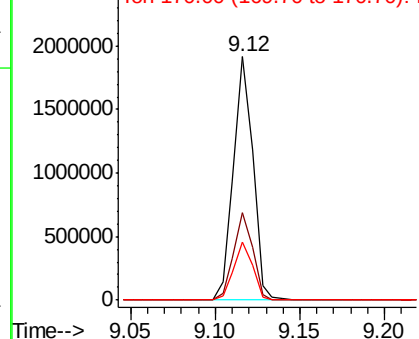


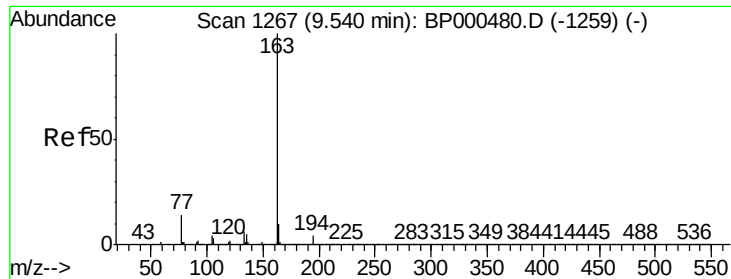
Abundance

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





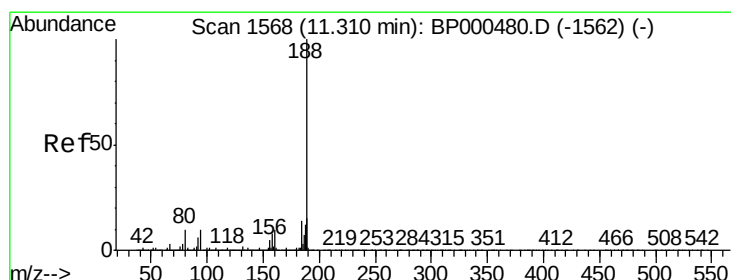
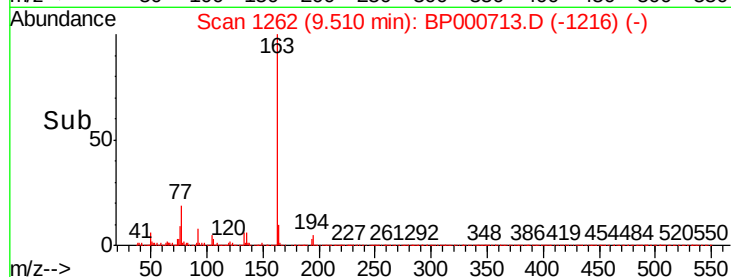
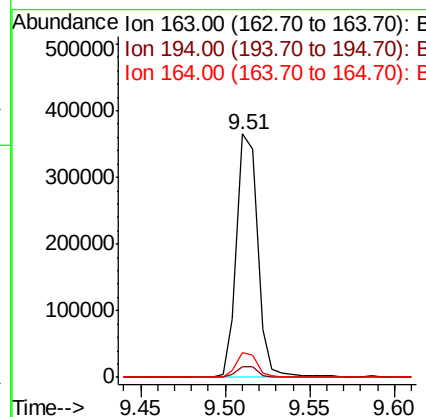
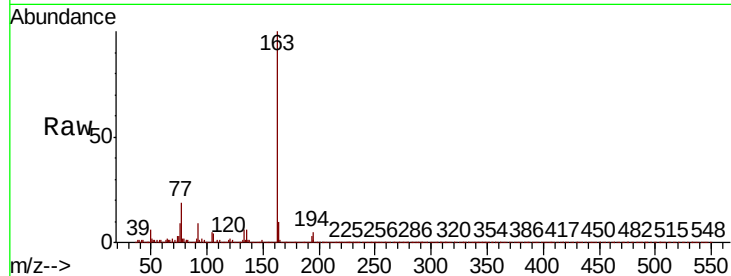
#50
Dimethylphthalate
Concen: 11.553 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Instrument :
BNA_P
ClientSampleId :
20190833-COMPOSITE-IRE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	317420		
194	4.6	3.4	5.2	
164	10.2	8.0	12.0	

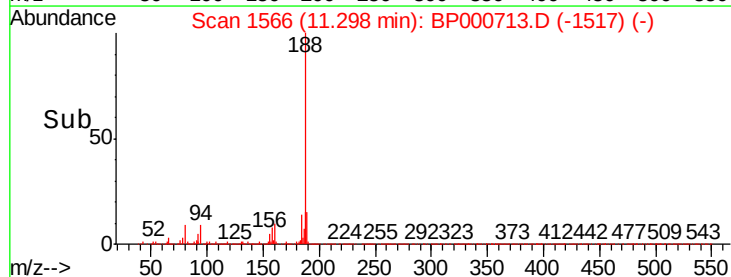
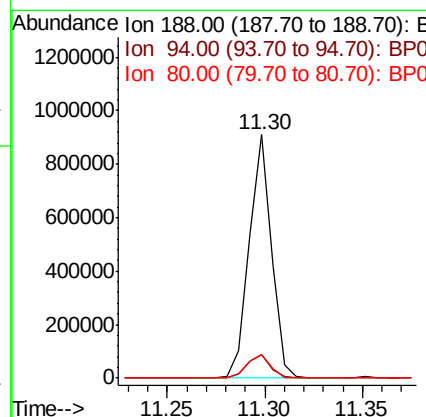
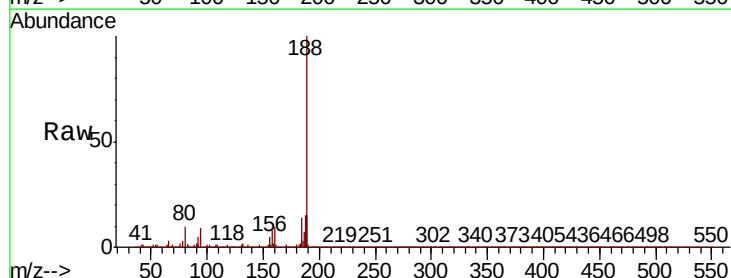
Manual Integrations
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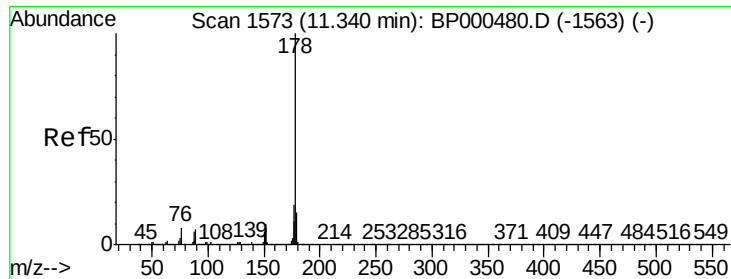
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	718936		
94	9.4	8.2	12.2	
80	9.5	8.3	12.5	





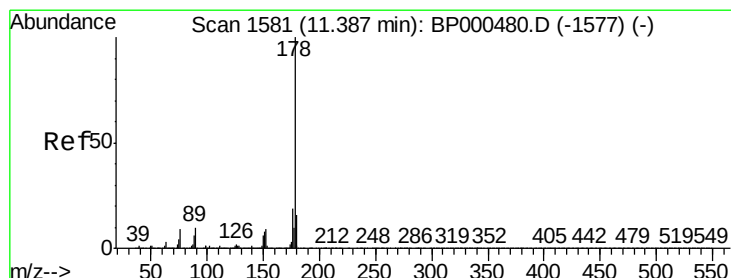
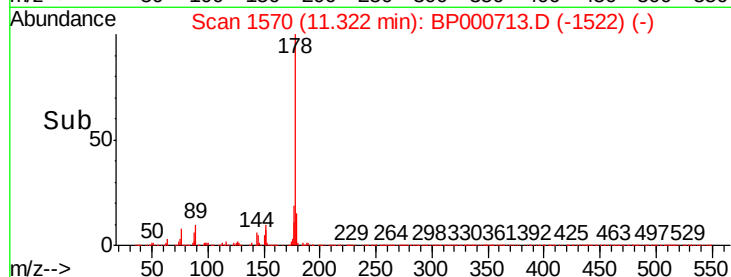
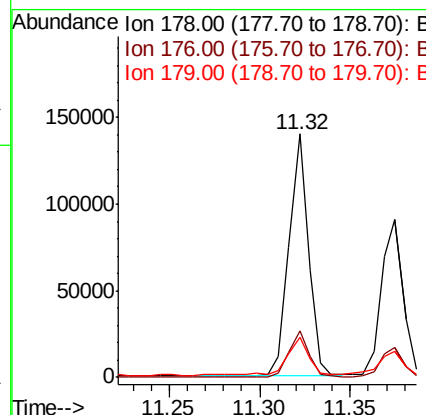
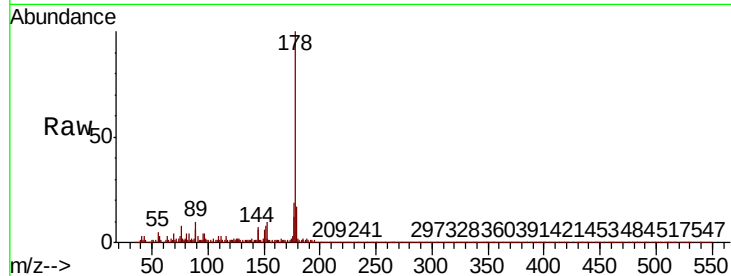
#71
Phenanthrene
Concen: 2.910 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Instrument :
BNA_P
ClientSampleId :
20190833-COMPOSITE-IRE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	16.7	12.2	18.4

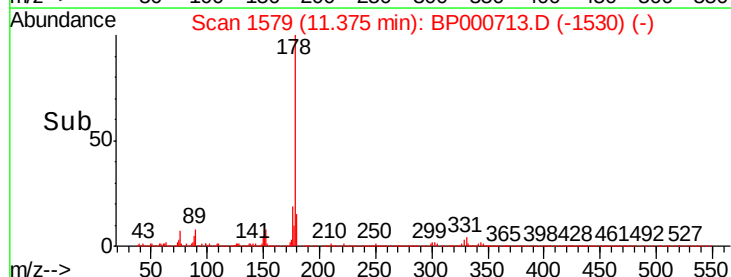
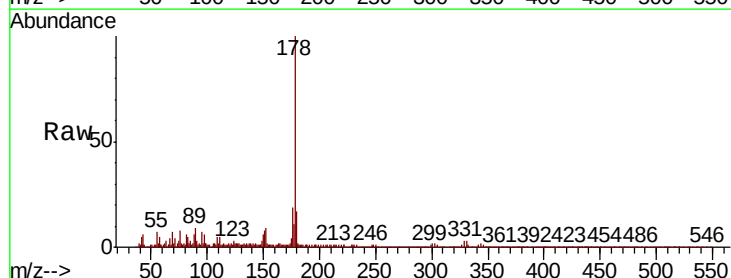
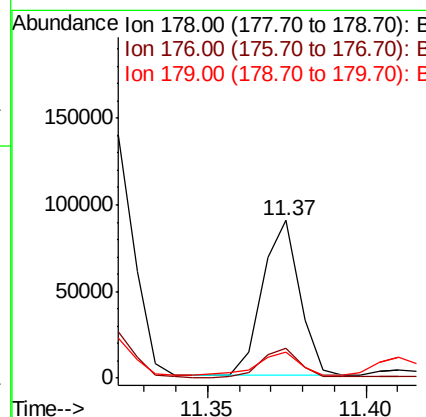
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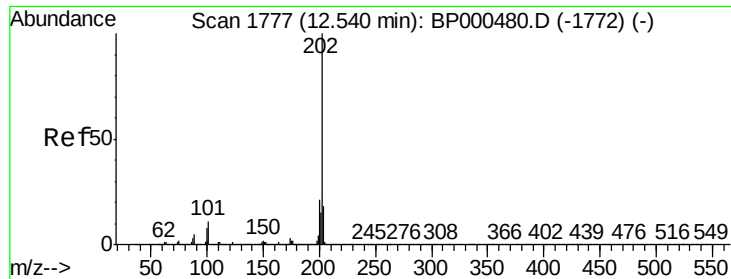
mohammad
10/16/2019 8:11:34 AM



#72
Anthracene
Concen: 2.057 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	16.6	12.6	19.0





#75

Fluoranthene

Concen: 8.537 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BP000713.D

Acq: 14 Oct 2019 16:18

Instrument :

BNA_P

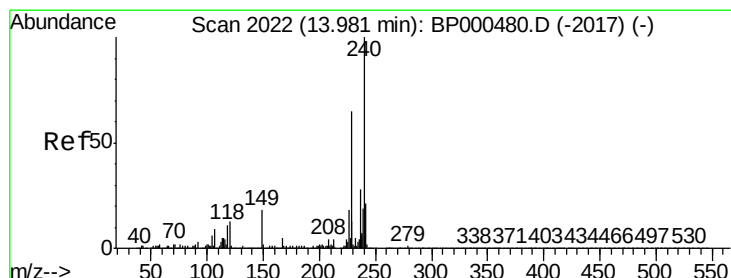
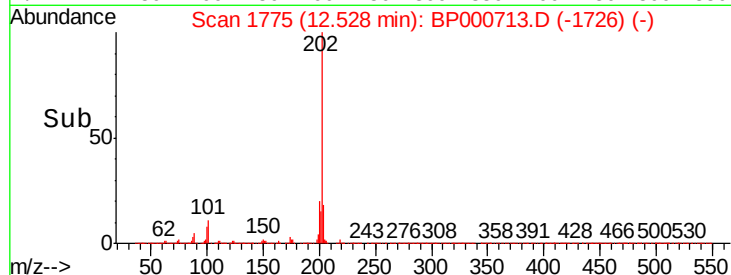
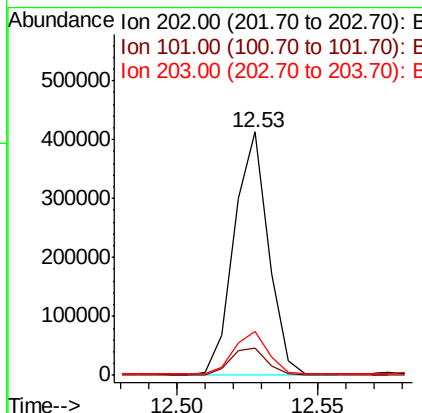
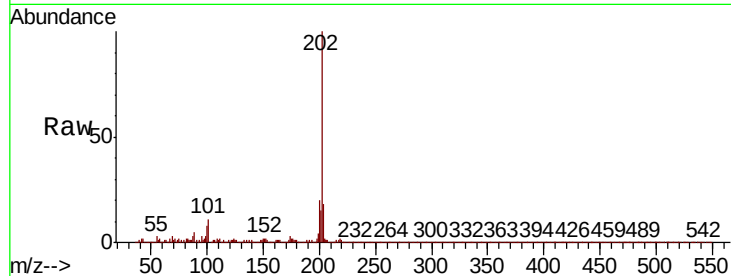
ClientSampleId :

20190833-COMPOSITE-IRE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.4	0.0	31.3		
203	18.1	0.0	38.1		

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#76

Chrysene-d12

Concen: 20.000 ng

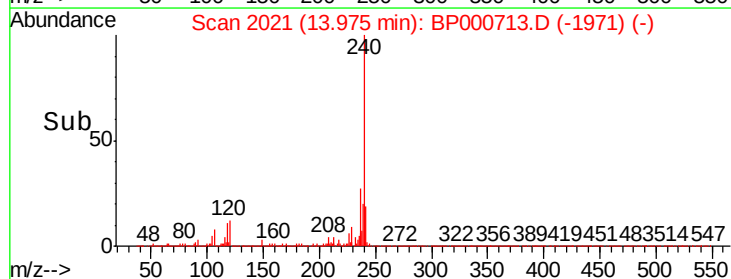
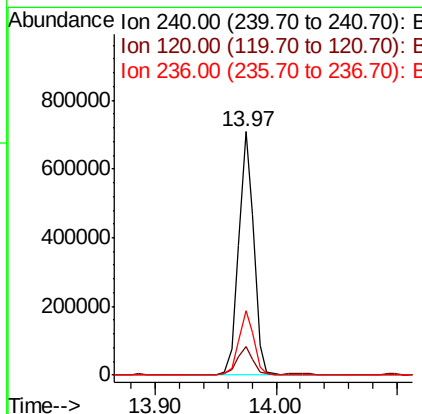
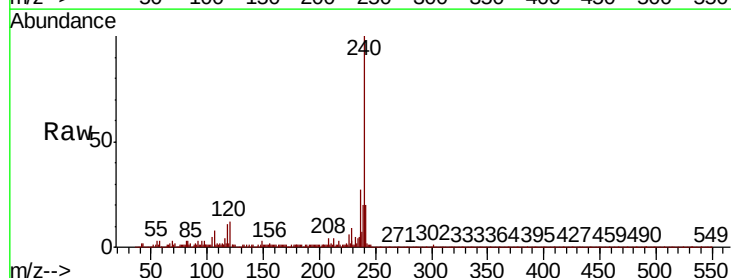
RT: 13.97 min Scan# 2021

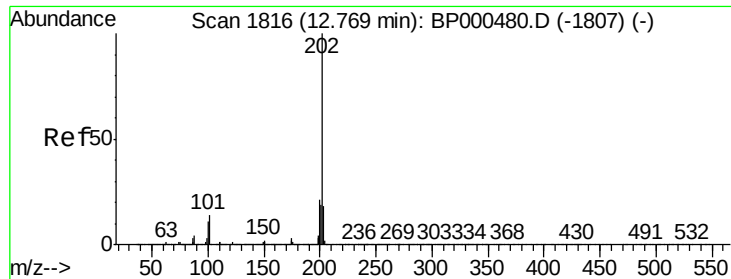
Delta R.T. -0.01 min

Lab File: BP000713.D

Acq: 14 Oct 2019 16:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	12.0	10.1	15.1		
236	26.7	22.7	34.1		





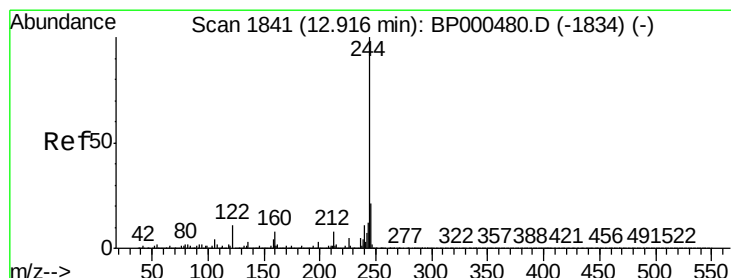
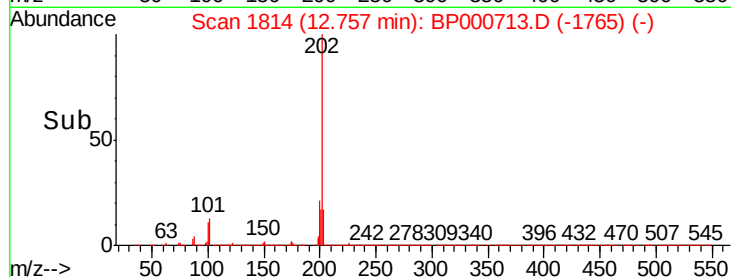
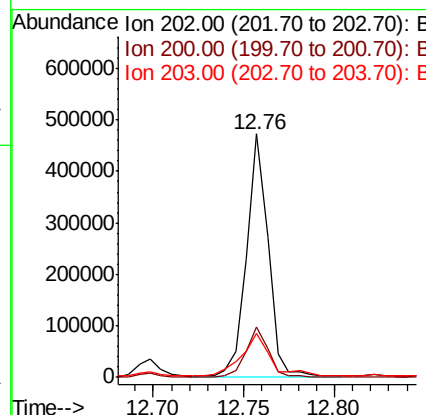
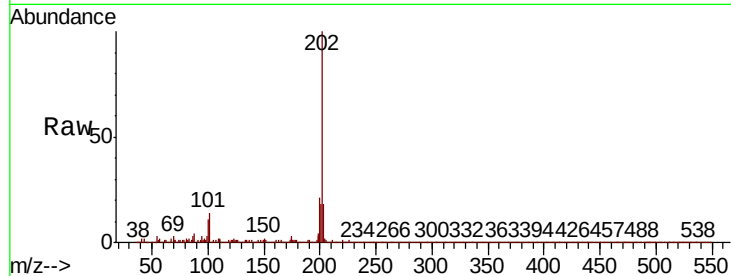
#78
Pvrene
Concen: 9.148 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Instrument :
BNA_P
ClientSampleId :
20190833-COMPOSITE-IRE

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

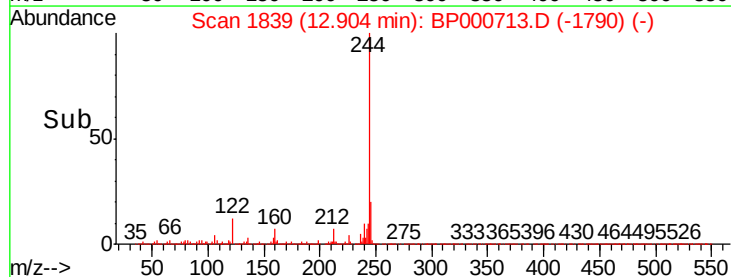
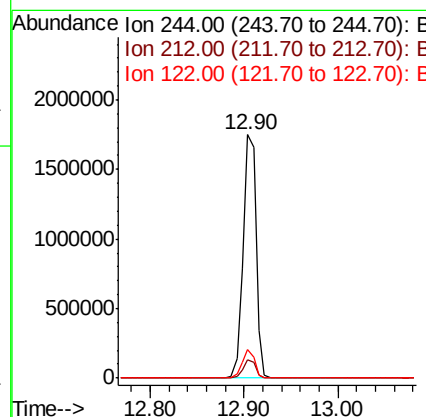
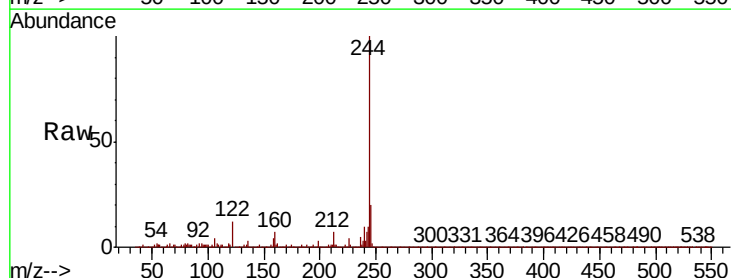
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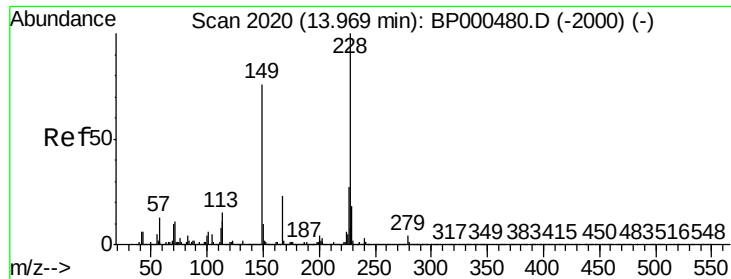
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#79
Terphenyl-d14
Concen: 55.207 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	11.8	8.9	13.3





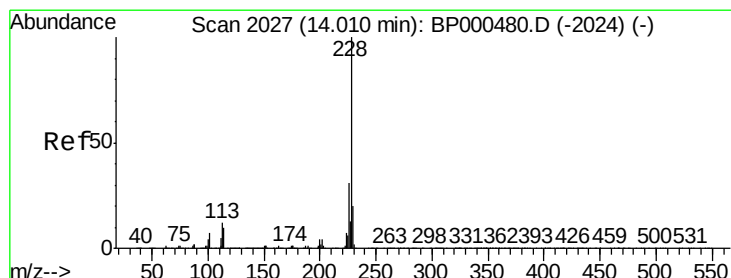
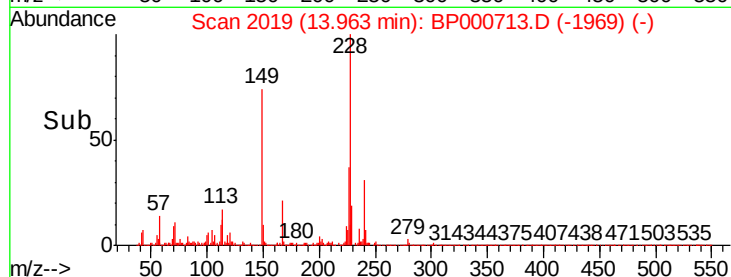
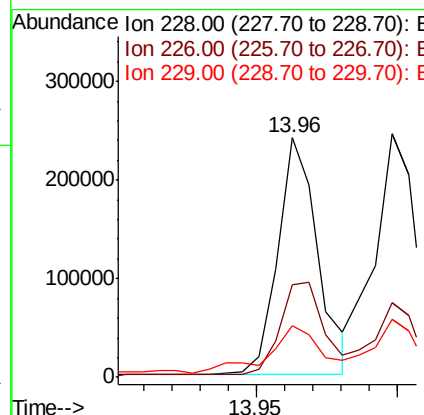
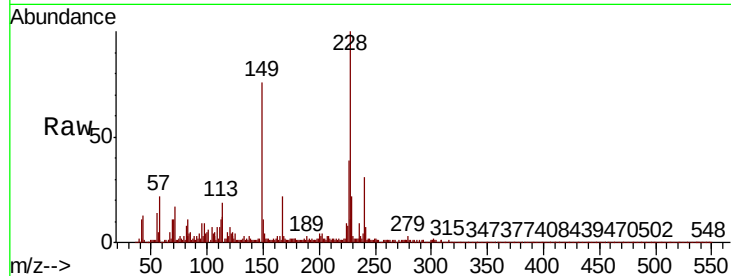
#81
Benzo(a)anthracene
Concen: 6.323 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Instrument :
BNA_P
ClientSampleId :
20190833-COMPOSITE-IRE

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.6	21.4	32.2#
229	21.5	14.7	22.1

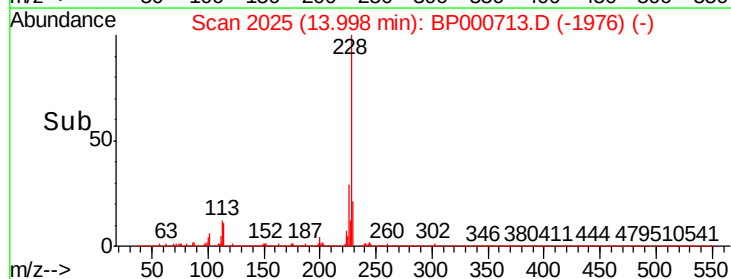
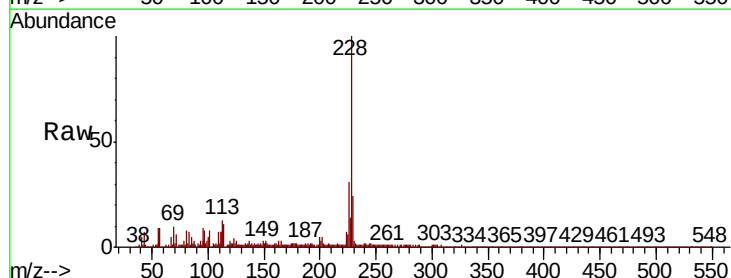
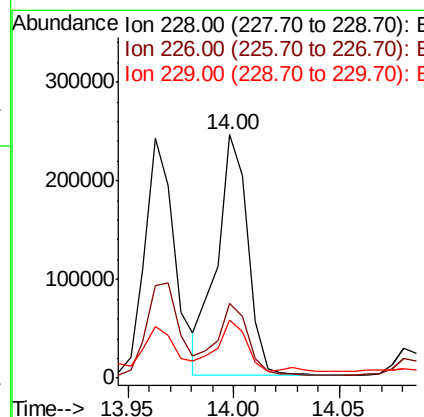
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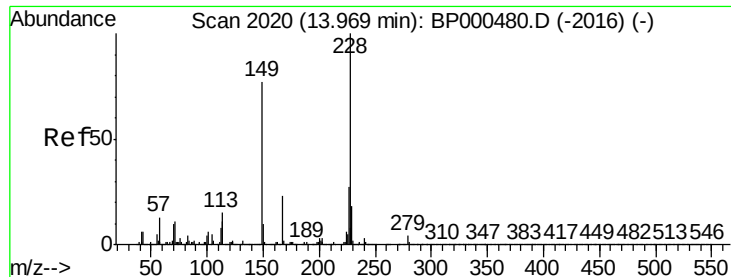
mohammad
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#83
Chrysene
Concen: 6.743 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	23.7	16.3	24.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.410 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BP000713.D

Acq: 14 Oct 2019 16:18

Instrument :

BNA_P

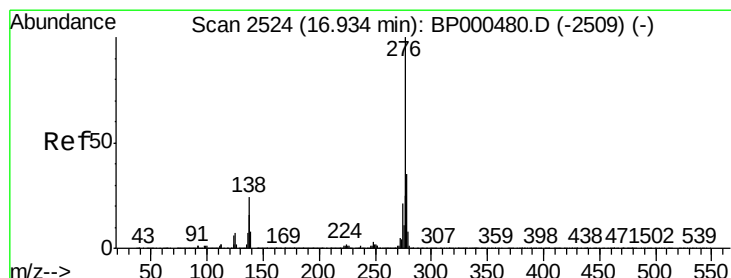
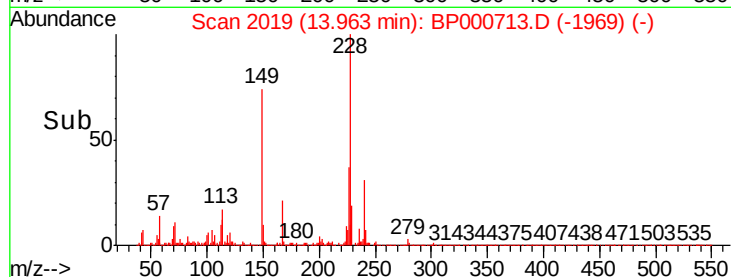
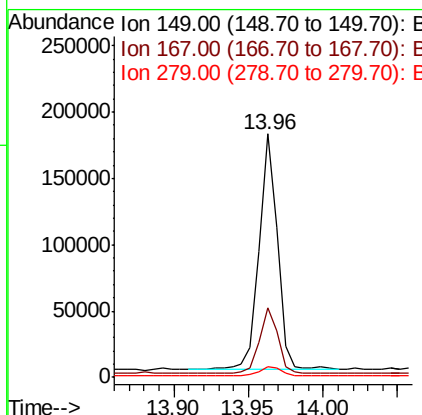
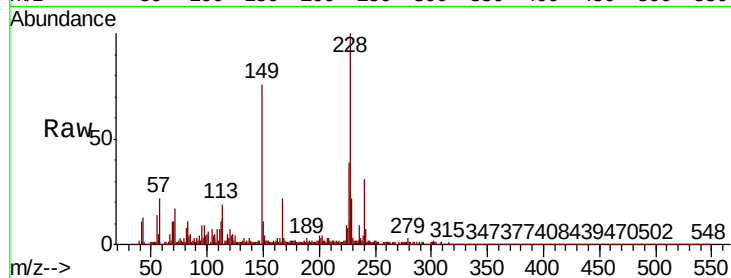
ClientSampleId :

20190833-COMPOSITE-IRE

Tot Ion:	149	Resp:	148342
Ion Ratio	Lower	Upper	
149	100		
167	28.6	23.6	35.4
279	4.4	3.9	5.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 3.226 ng

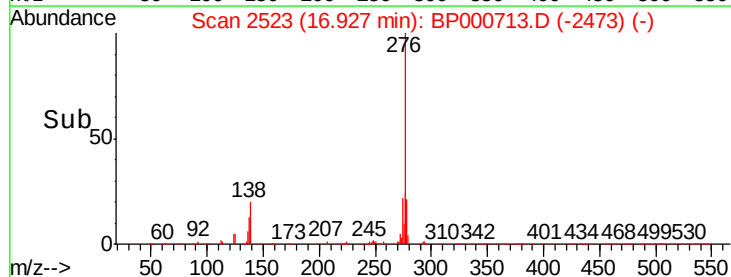
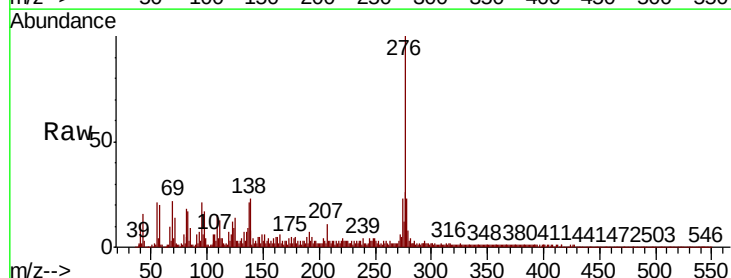
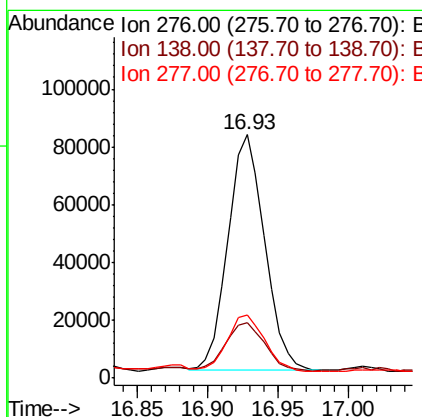
RT: 16.93 min Scan# 2523

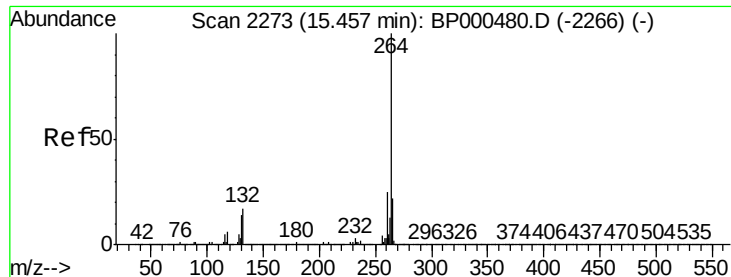
Delta R.T. -0.01 min

Lab File: BP000713.D

Acq: 14 Oct 2019 16:18

Tgt Ion:	276	Resp:	147733
Ion Ratio	Lower	Upper	
276	100		
138	21.7	20.9	31.3
277	24.8	20.6	30.8





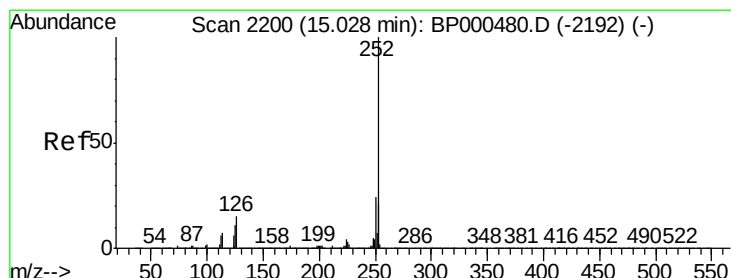
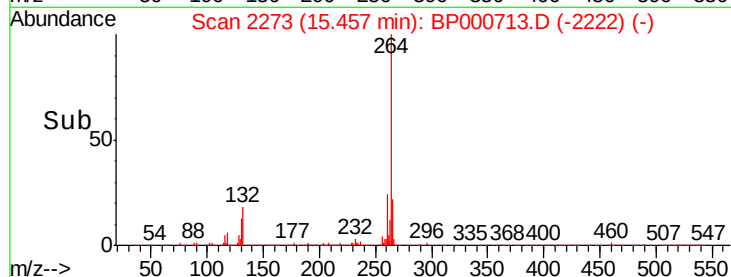
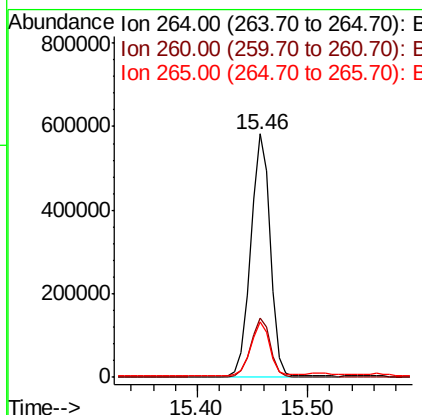
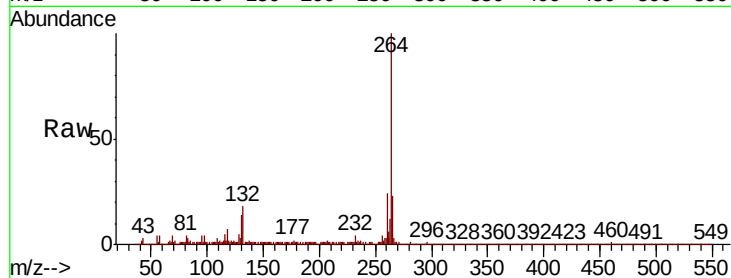
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Instrument :
BNA_P
ClientSampleId :
20190833-COMPOSITE-IRE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.3	30.5
265	22.5	18.0	27.0

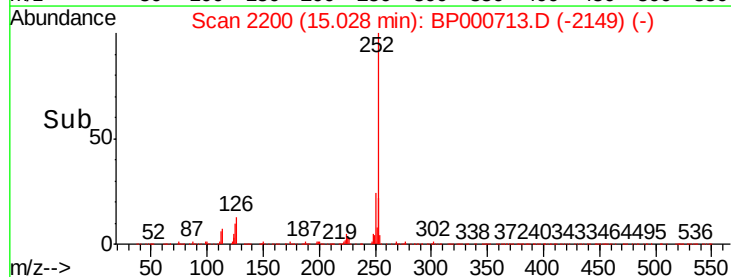
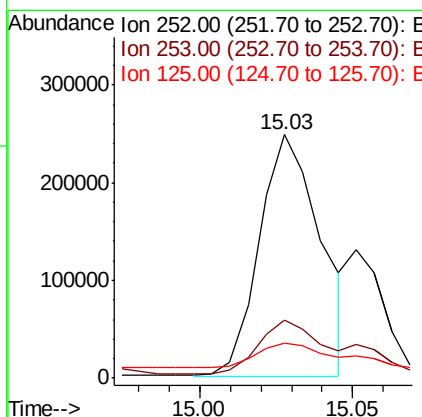
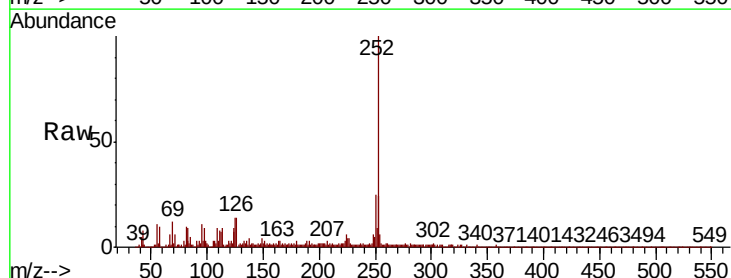
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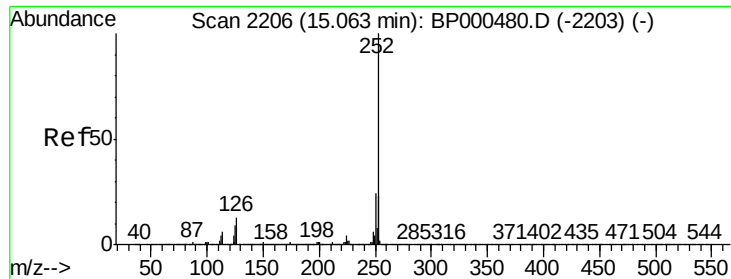
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#88
Benzo(b)fluoranthene
Concen: 8.409 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.4
125	14.5	8.9	13.3





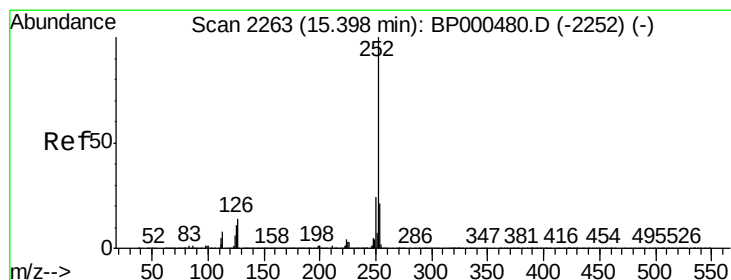
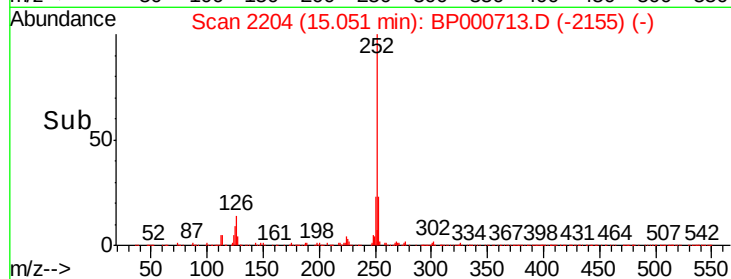
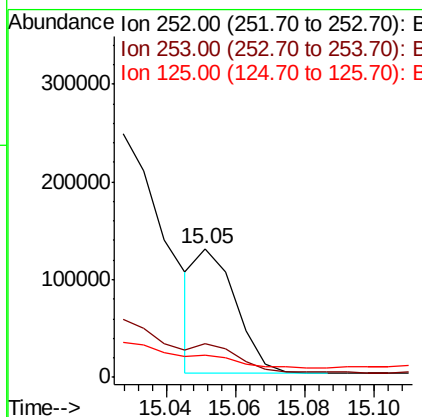
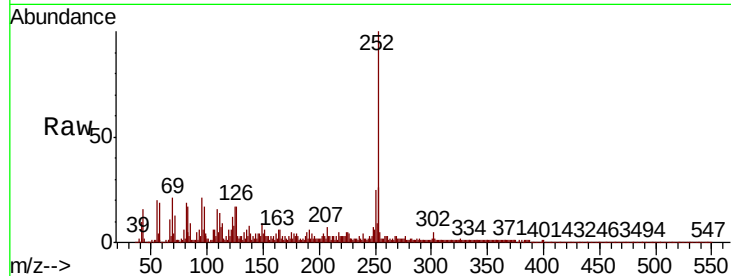
#89
Benzo(k)fluoranthene
Concen: 2.598 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Instrument :
BNA_P
ClientSampleId :
20190833-COMPOSITE-IRE

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.4	27.6
125	17.5	7.8	11.8#

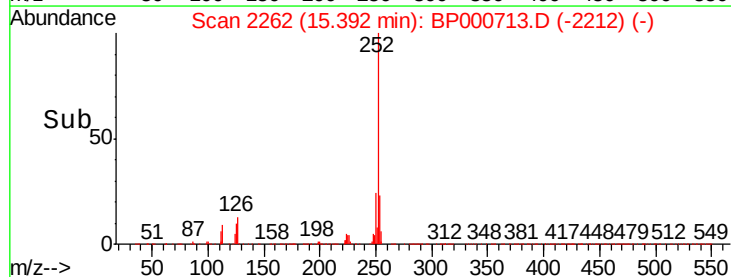
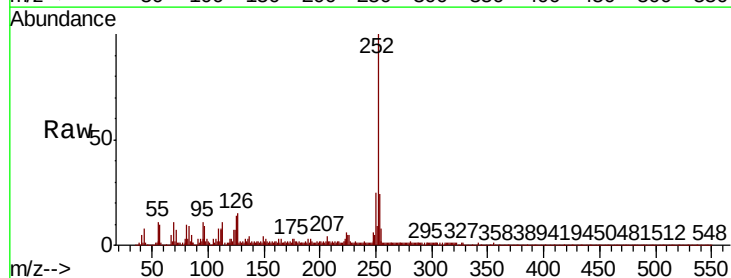
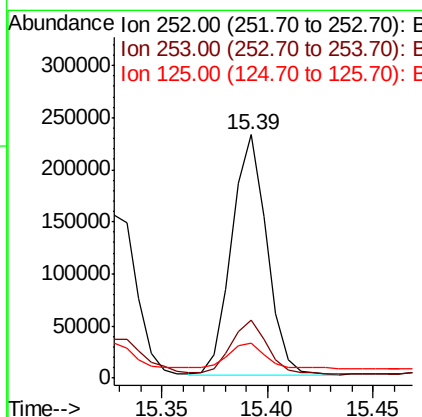
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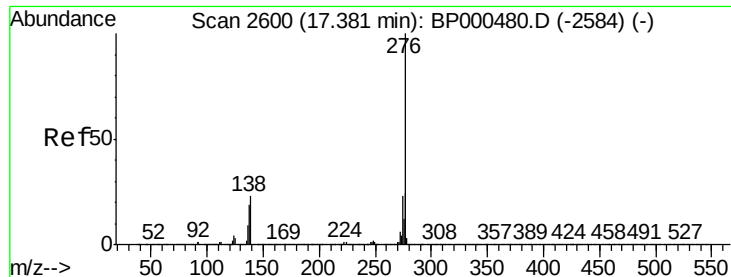
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#90
Benzo(a)pyrene
Concen: 6.926 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP000713.D
Acq: 14 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	14.3	8.4	12.6#





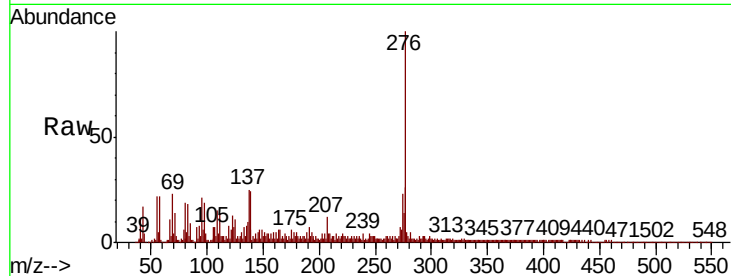
#92
 Benzo(a,h,i)perylene
 Concen: 3.946 ng
 RT: 17.37 min Scan# 2599
 Delta R.T. -0.01 min
 Lab File: BP000713.D
 Acq: 14 Oct 2019 16:18

Instrument :
 BNA_P
 ClientSampleId :
 20190833-COMPOSITE-IRE

Tot Ion:	276	Resp:	148935
Ion Ratio		Lower	Upper
276	100		
277	25.8	19.4	29.2
138	24.2	18.5	27.7

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

