

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001267.D
 Acq On : 07 Dec 2019 21:33
 Operator : JU
 Sample : K6113-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-120519

Manual Integrations
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 12/10/2019 3:46:36 PM

Quant Time: Dec 09 02:58:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	70732	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	257589	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	167025	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	332296	20.00	ng	0.00
76) Chrysene-d12	19.24	240	225341	20.00	ng	-0.02
87) Perylene-d12	21.02	264	251527	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	231037	54.19	ng	0.00
7) Phenol-d6	7.75	99	312630	55.04	ng	-0.01
23) Nitrobenzene-d5	9.19	82	211277	35.59	ng	-0.01
42) 2,4,6-Tribromophenol	14.49	330	111527	69.66	ng	-0.01
45) 2-Fluorobiphenyl	12.12	172	409216	35.86	ng	-0.01
79) Terphenyl-d14	17.88	244	544159	44.68	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	11.51	142	46839	5.218	ng	97
38) 1-Methylnaphthalene	11.66	142	22984	2.710	ng	99
50) Dimethylphthalate	12.79	163	27448	2.197	ng	98
71) Phenanthrene	15.63	178	128637	7.363	ng	100
72) Anthracene	15.71	178	34546	2.006	ng	96
75) Fluoranthene	17.34	202	180675	9.769	ng	98
78) Pyrene	17.65	202	163185	9.194	ng	97
81) Benzo(a)anthracene	19.23	228	71428m	4.572	ng	
83) Chrysene	19.27	228	60842	4.349	ng	97
86) Indeno(1,2,3-cd)pyrene	22.64	276	40699	2.468	ng	98
88) Benzo(b)fluoranthene	20.53	252	87322m	5.684	ng	
90) Benzo(a)pyrene	20.94	252	62989	4.451	ng	# 93
92) Benzo(a,h,i)perylene	23.13	276	39320	2.875	ng	98

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

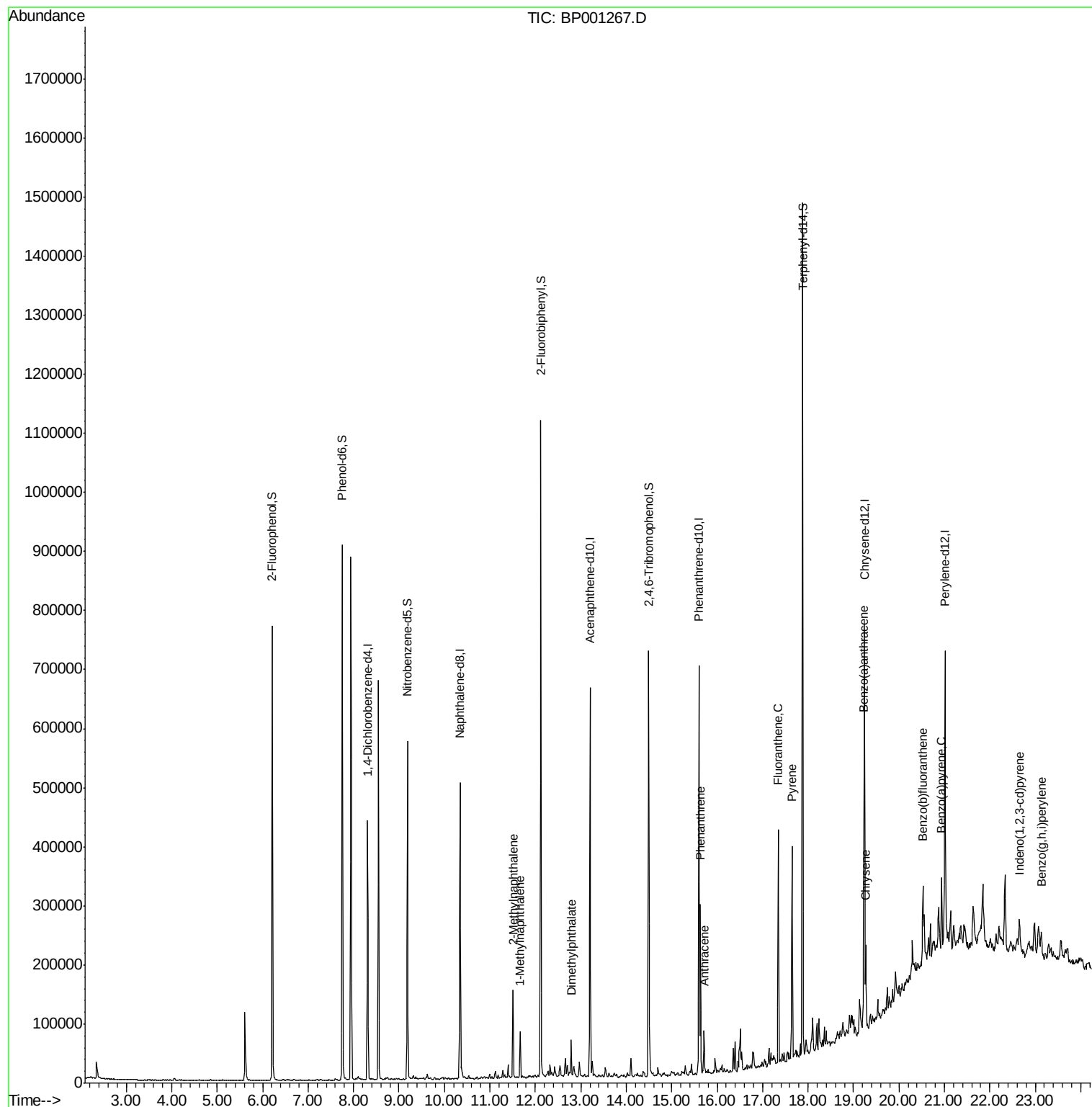
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
Data File : BP001267.D
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ALS Vial : 22 Sample Multiplier: 1

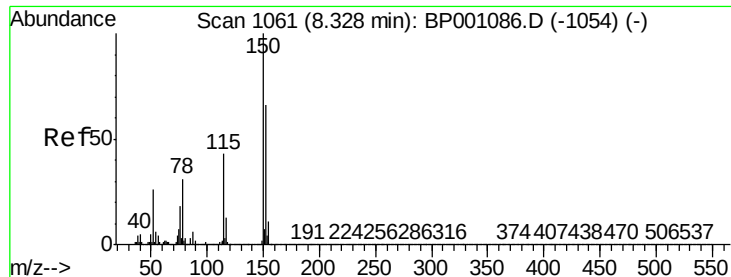
Instrument :
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Quant Time: Dec 09 02:58:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BP001267.D

Acq: 07 Dec 2019 21:33

Instrument :

BNA_P

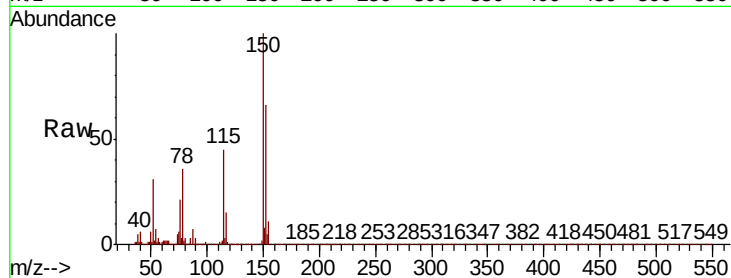
ClientSampleId :

OR-03-120519

Tot Ion:	152	Resp:	70732
Ion Ratio	Lower	Upper	
152	100		
150	152.3	127.3	190.9
115	68.3	56.0	84.0

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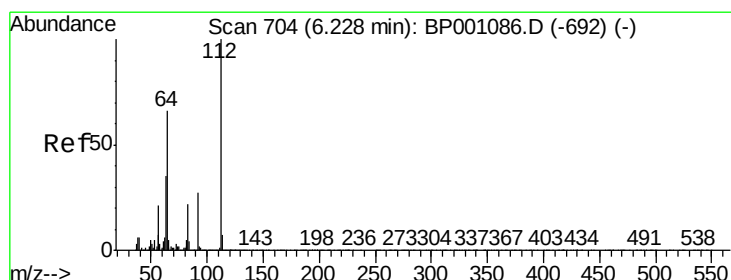
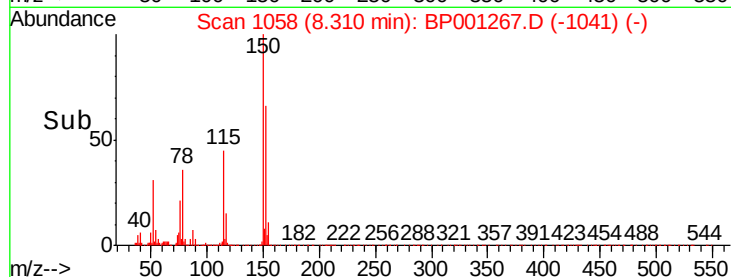
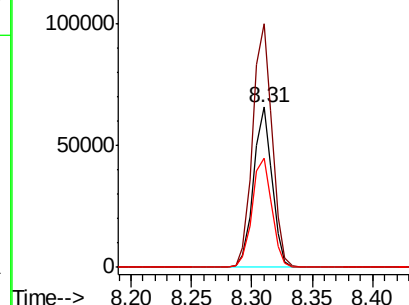


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 54.192 ng

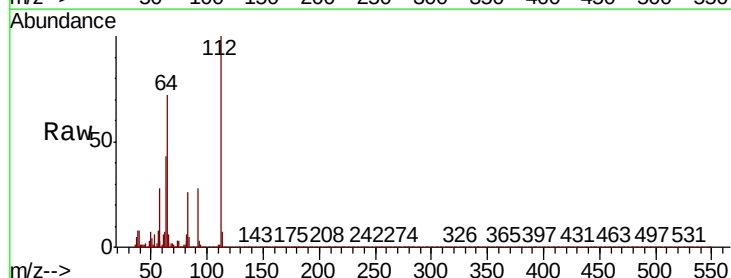
RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BP001267.D

Acq: 07 Dec 2019 21:33

Tgt Ion:	112	Resp:	231037
Ion Ratio	Lower	Upper	
112	100		
64	72.3	56.8	85.2
63	42.8	32.2	48.2

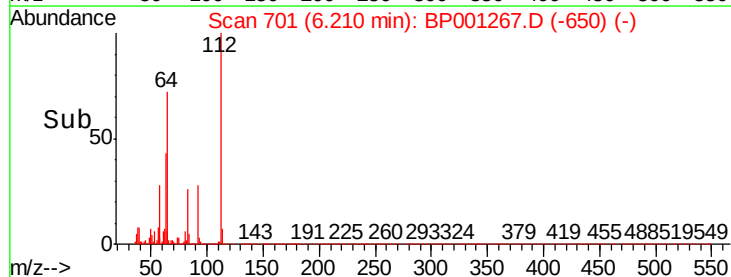
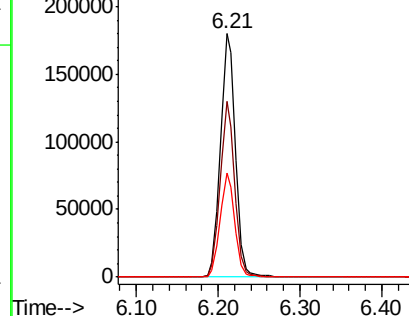


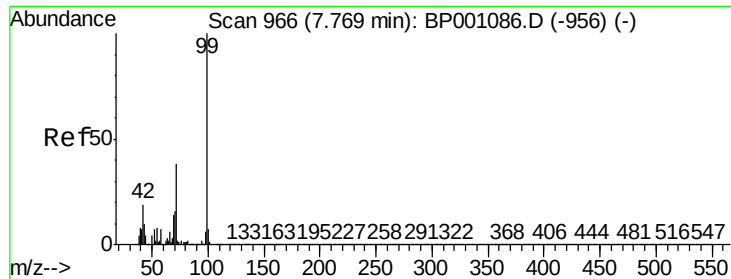
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 55.042 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BP001267.D

Acq: 07 Dec 2019 21:33

Instrument :

BNA_P

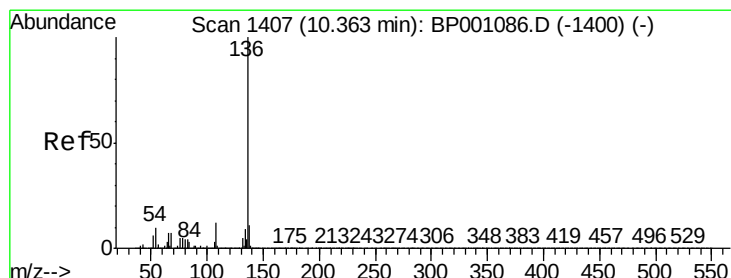
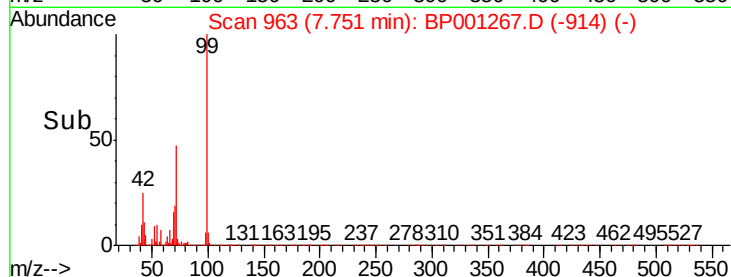
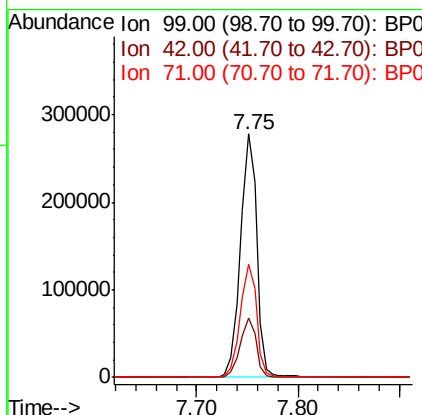
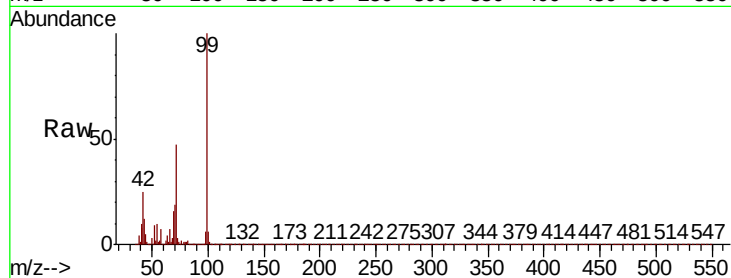
ClientSampleId :

OR-03-120519

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		312630		
42	24.6	17.6	26.4		
71	46.6	33.8	50.8		

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#21

Naphthalene-d8

Concen: 20.000 ng

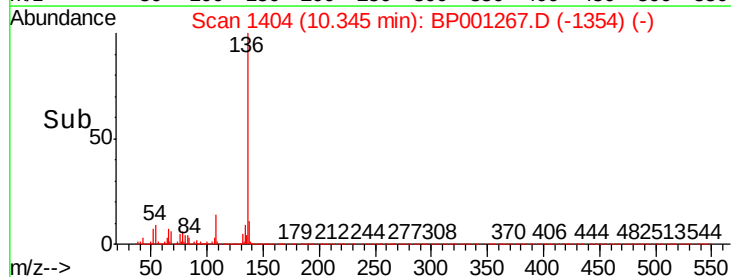
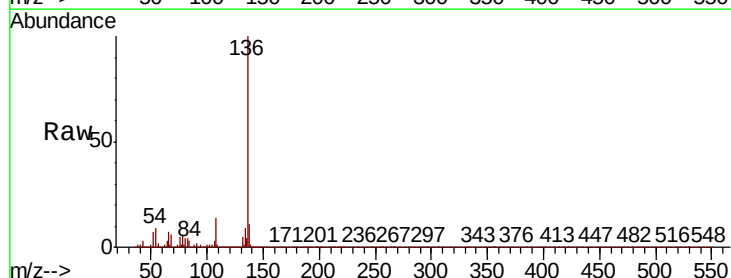
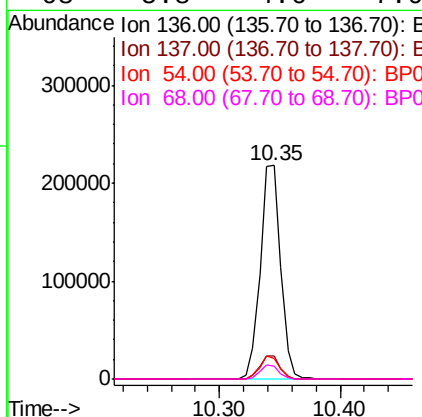
RT: 10.35 min Scan# 1404

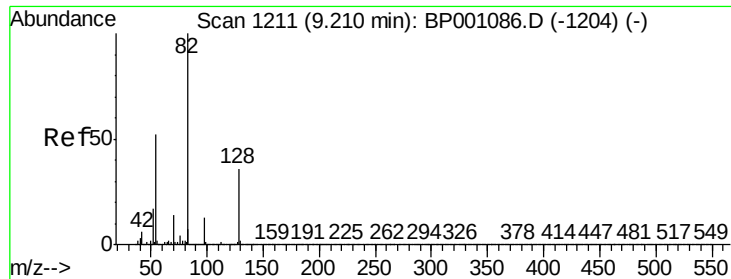
Delta R.T. -0.01 min

Lab File: BP001267.D

Acq: 07 Dec 2019 21:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		257589		
137	11.1	8.4	12.6		
54	9.3	7.4	11.0		
68	5.8	4.6	7.0		





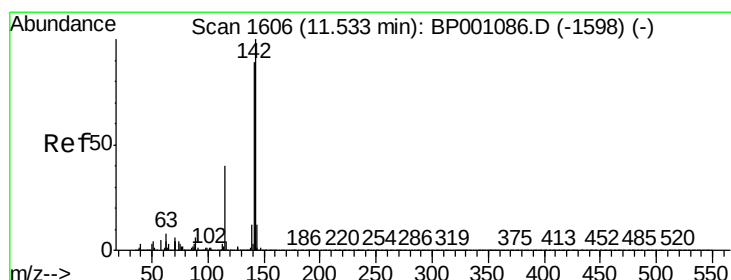
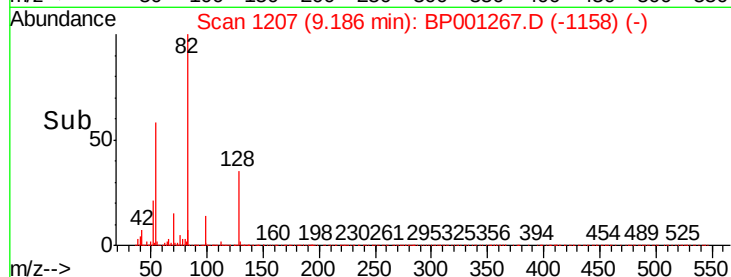
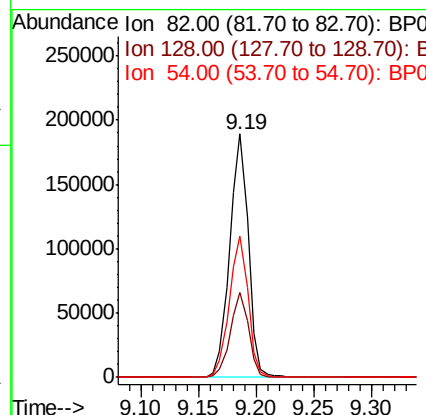
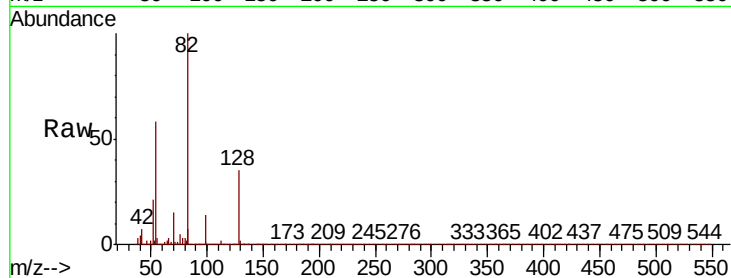
#23
Nitrobenzene-d5
Concen: 35.585 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001267.D
Acq: 07 Dec 2019 21:33

Instrument :
BNA_P
ClientSampleId :
OR-03-120519

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.8	27.5	41.3
54	57.9	45.7	68.5

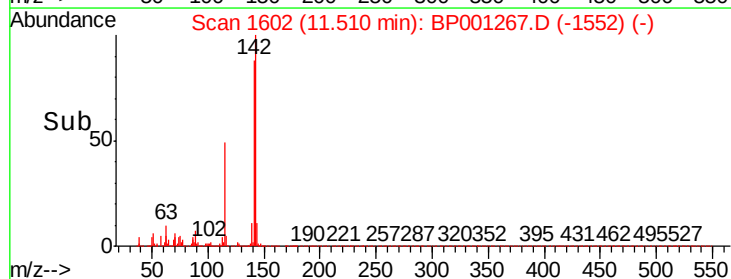
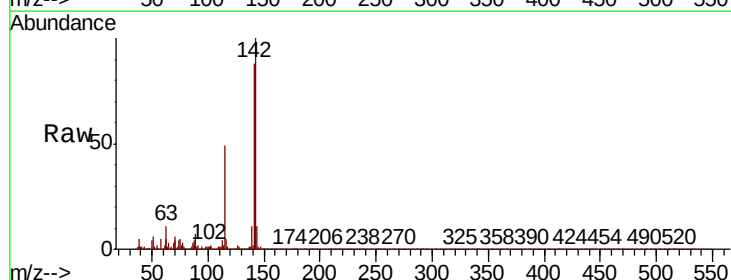
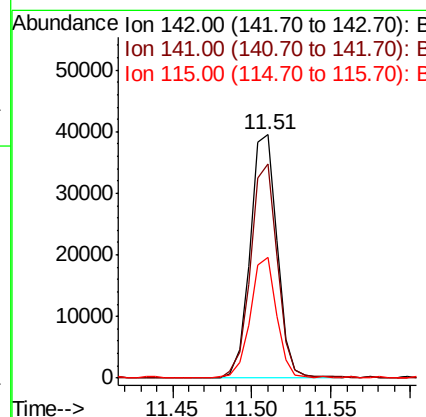
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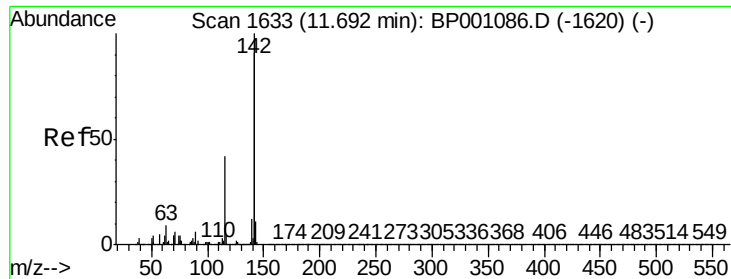
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#37
2-Methylnaphthalene
Concen: 5.218 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP001267.D
Acq: 07 Dec 2019 21:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.6	107.4
115	49.3	36.0	54.0





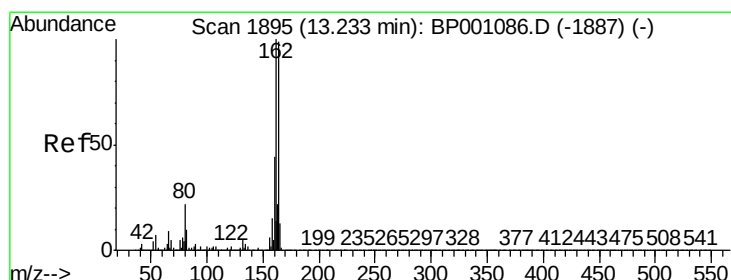
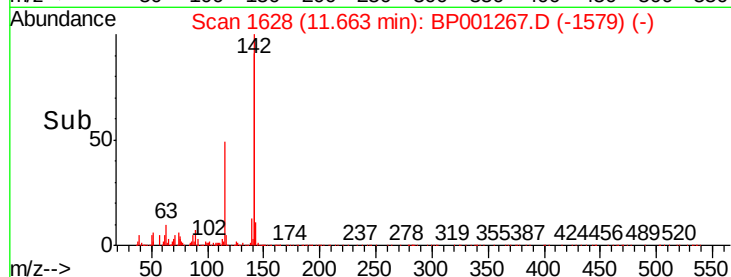
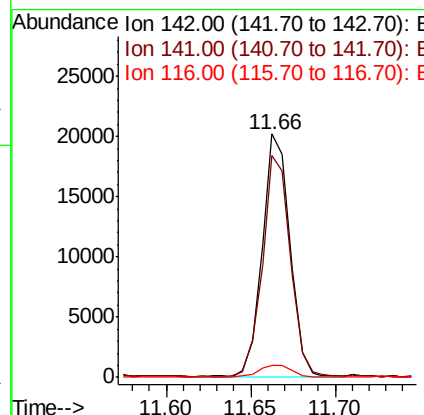
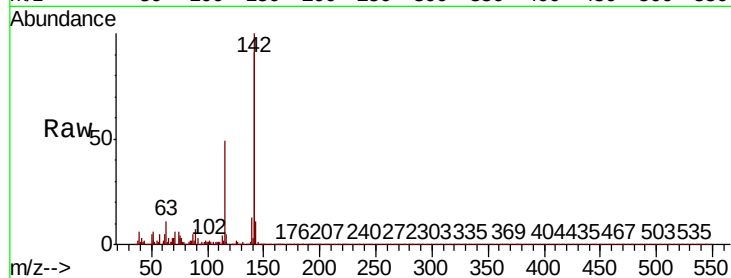
#38
1-Methylnaphthalene
Concen: 2.710 ng
RT: 11.66 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BP001267.D
Acq: 07 Dec 2019 21:33

Instrument :
BNA_P
ClientSampleId :
OR-03-120519

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.7	109.1
116	4.9	3.8	5.6

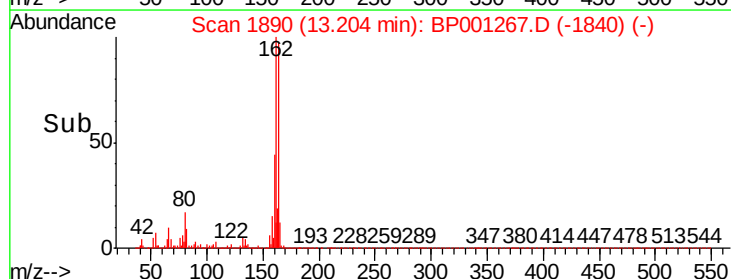
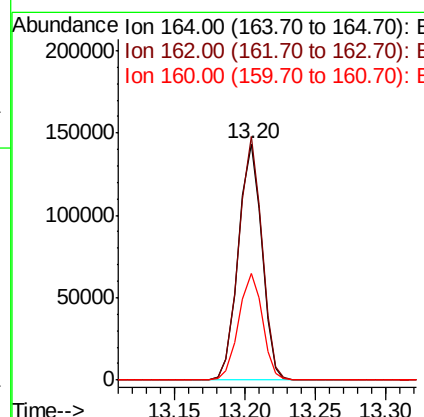
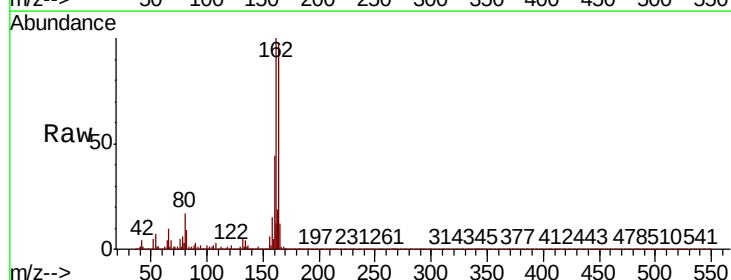
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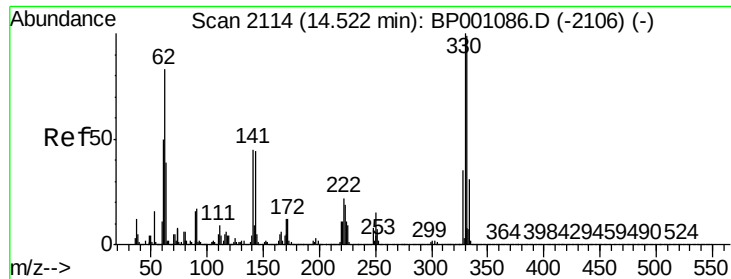
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001267.D
Acq: 07 Dec 2019 21:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.7	121.1
160	44.9	36.3	54.5





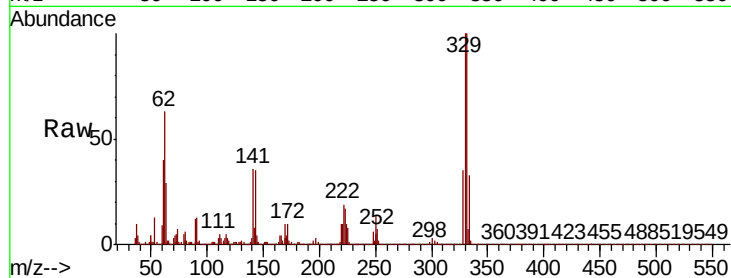
#42
2,4,6-Tribromophenol
Concen: 69.664 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BP001267.D
Acq: 07 Dec 2019 21:33

Instrument :
BNA_P
ClientSampleId :
OR-03-120519

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.9	79.1	118.7	
141	33.5	35.9	53.9	

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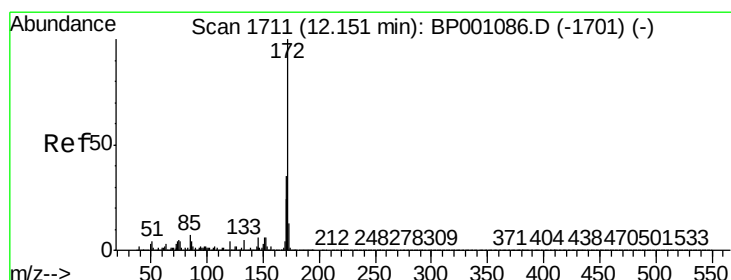
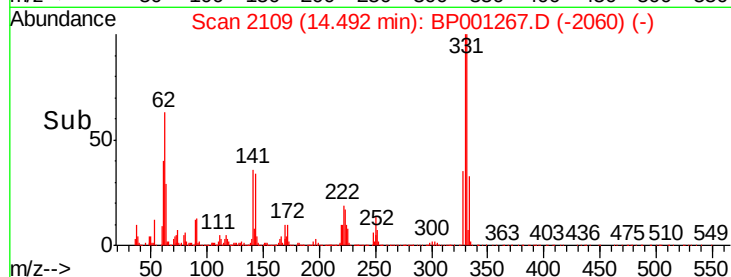
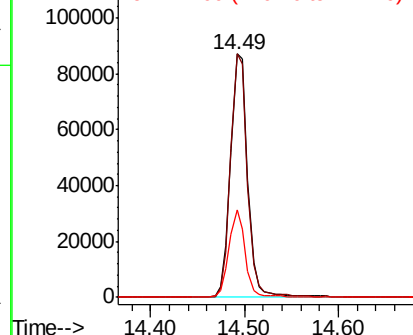


Abundance

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: 35.858 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001267.D
Acq: 07 Dec 2019 21:33

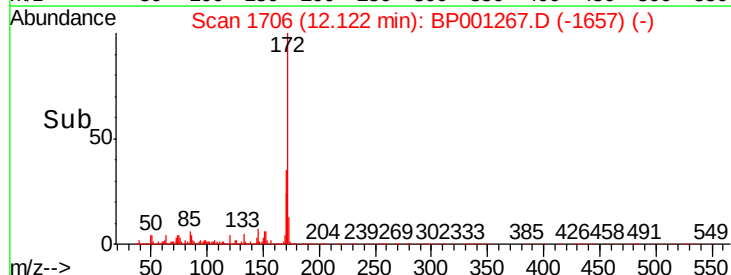
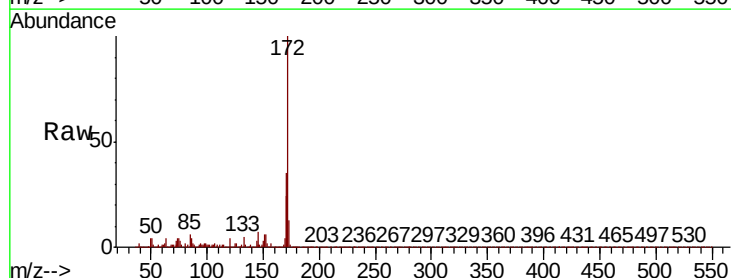
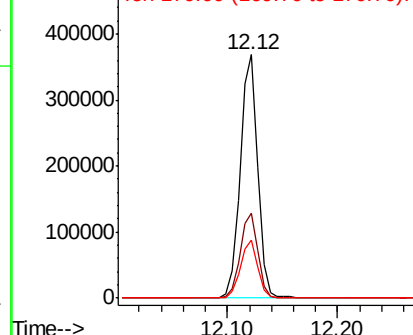
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.6	28.7	43.1	
170	23.6	19.2	28.8	

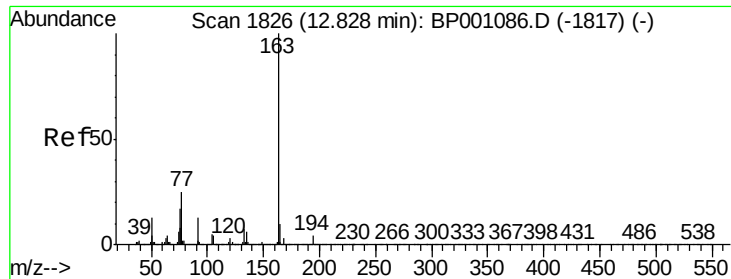
Abundance

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





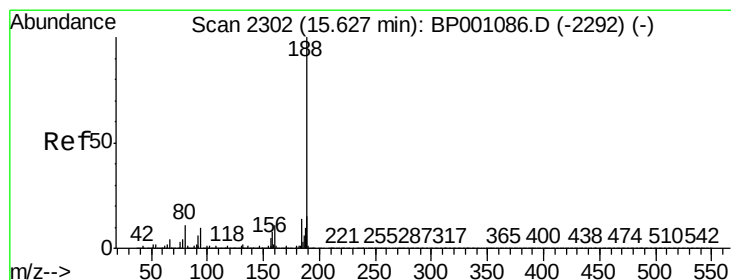
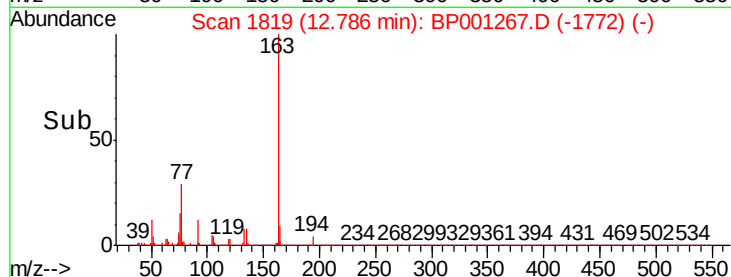
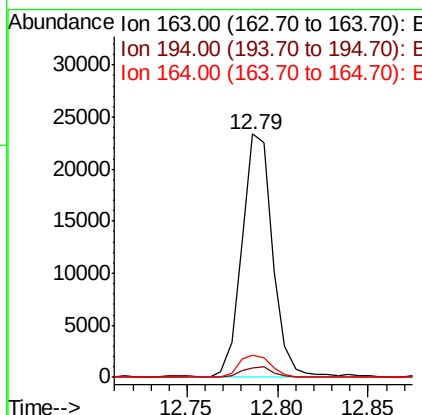
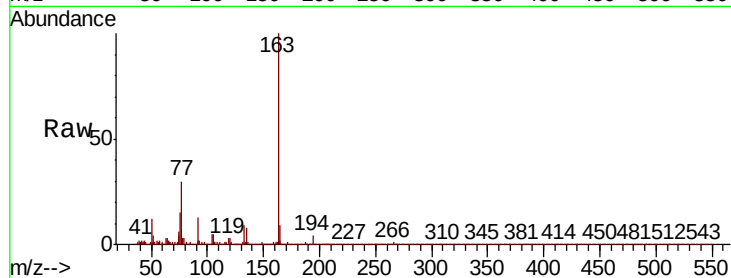
#50
Dimethylphthalate
Concen: 2.197 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BP001267.D
Acq: 07 Dec 2019 21:33

Instrument :
BNA_P
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OR-03-120519

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.3	8.2	12.4

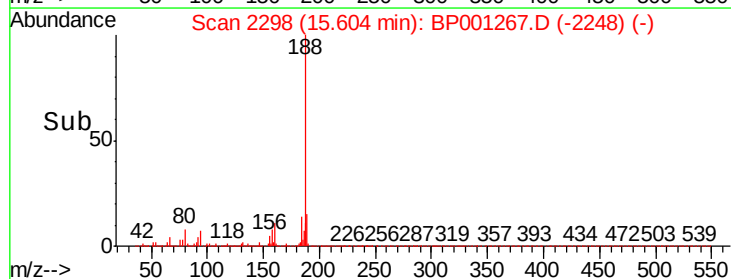
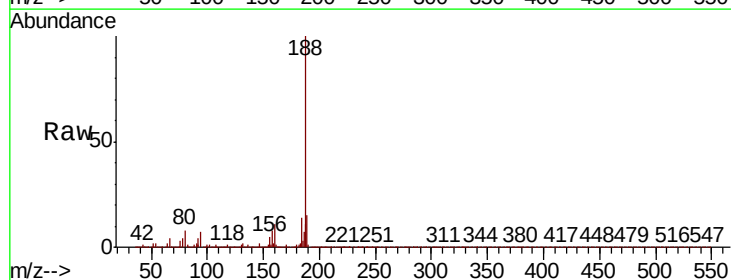
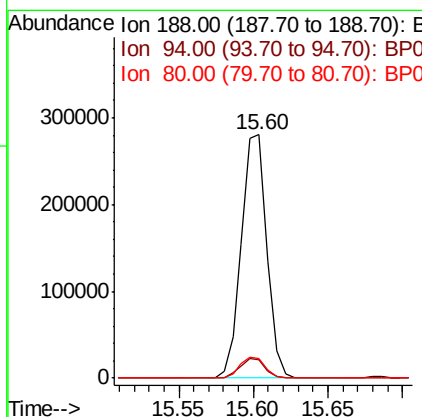
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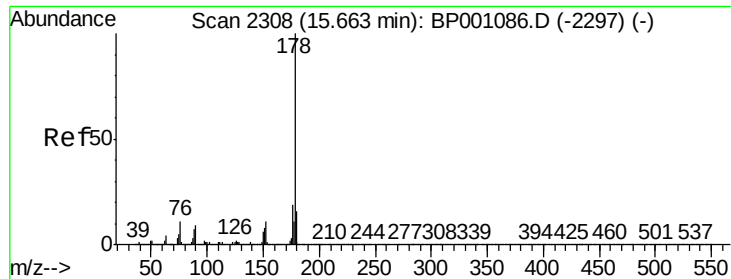
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001267.D
Acq: 07 Dec 2019 21:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.1	10.7
80	7.9	7.8	11.6





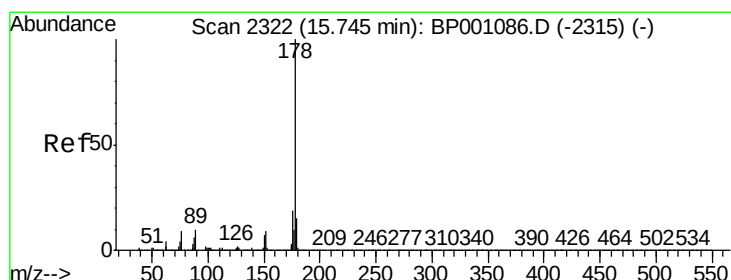
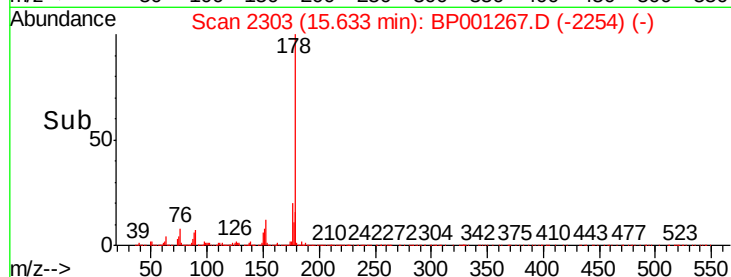
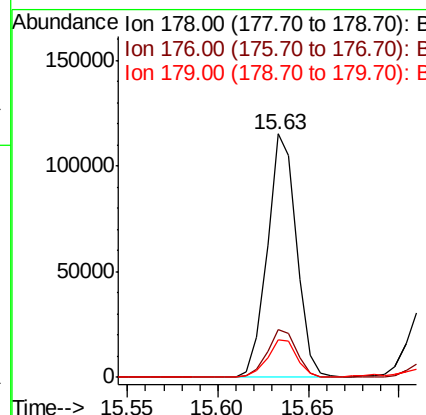
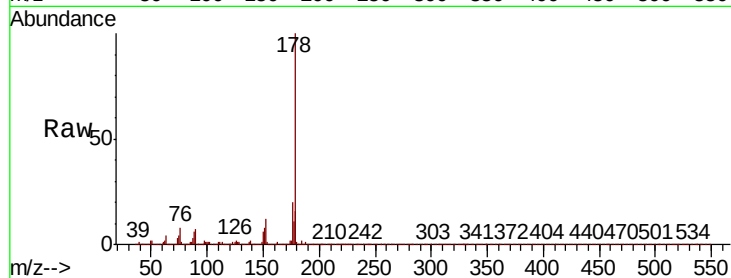
#71
Phenanthrene
Concen: 7.363 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BP001267.D
Acq: 07 Dec 2019 21:33

Instrument :
BNA_P
ClientSampleId :
OR-03-120519

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.7	12.4	18.6

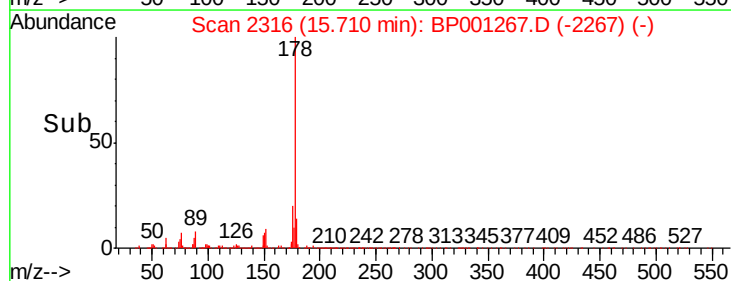
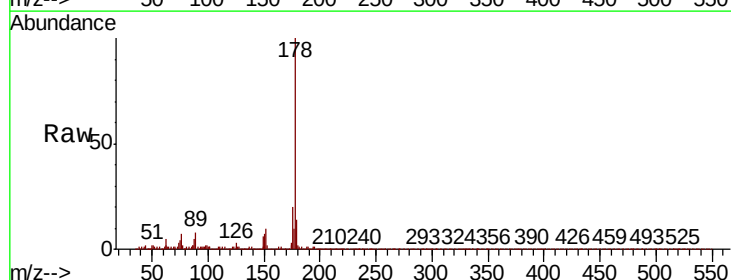
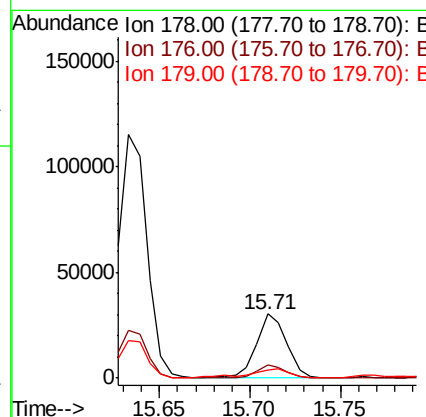
Manual Integrations
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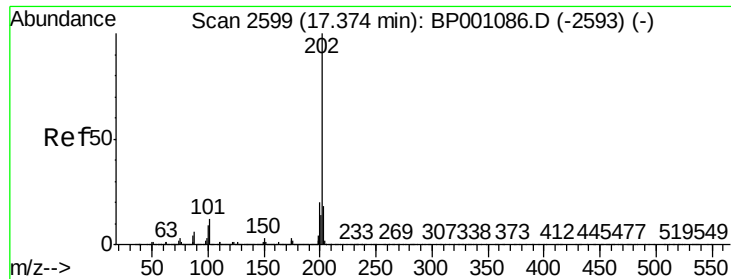
mohammad
12/10/2019 3:46:36 PM



#72
Anthracene
Concen: 2.006 ng
RT: 15.71 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BP001267.D
Acq: 07 Dec 2019 21:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.1	22.7
179	13.7	12.7	19.1





#75

Fluoranthene

Concen: 9.769 ng

RT: 17.34 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BP001267.D

Acq: 07 Dec 2019 21:33

Instrument :

BNA_P

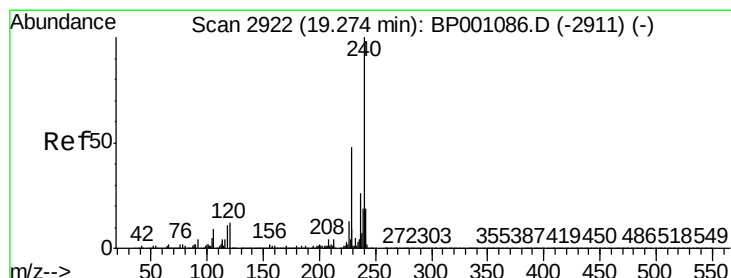
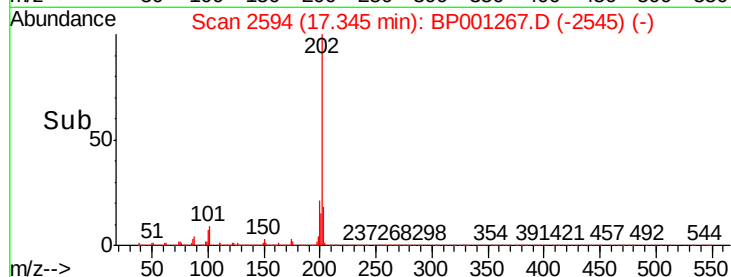
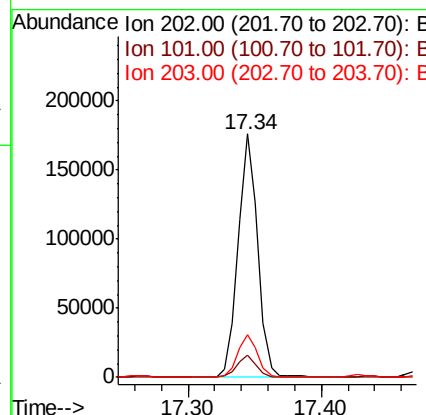
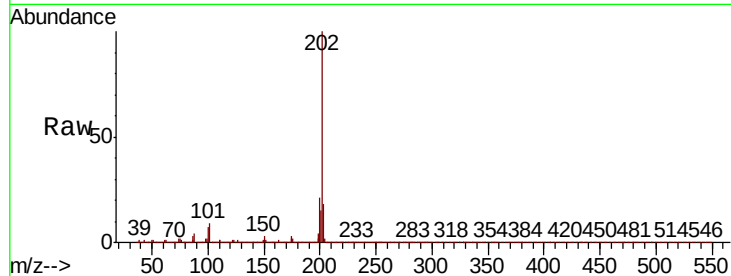
ClientSampleId :

OR-03-120519

Tot Ion:	202	Resp:	180675
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	30.0
203	17.5	0.0	37.1

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#76

Chrysene-d12

Concen: 20.000 ng

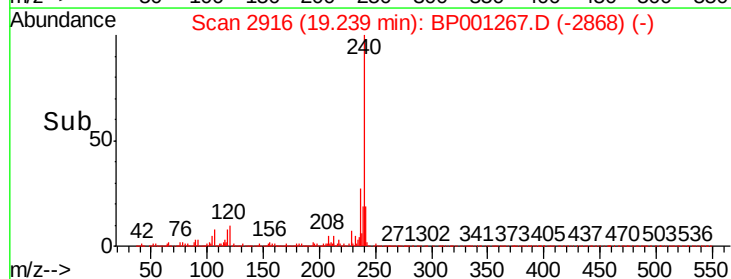
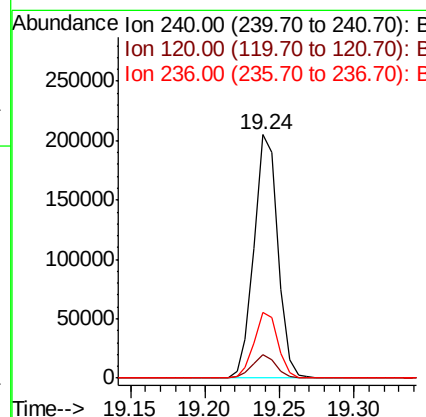
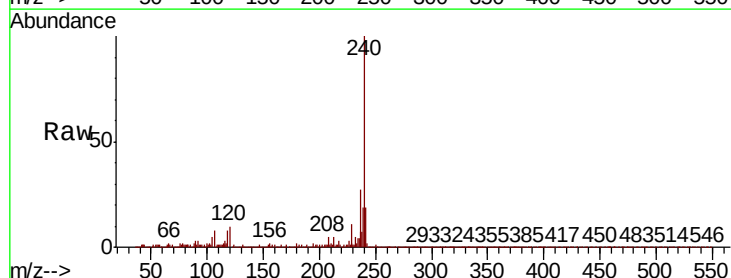
RT: 19.24 min Scan# 2916

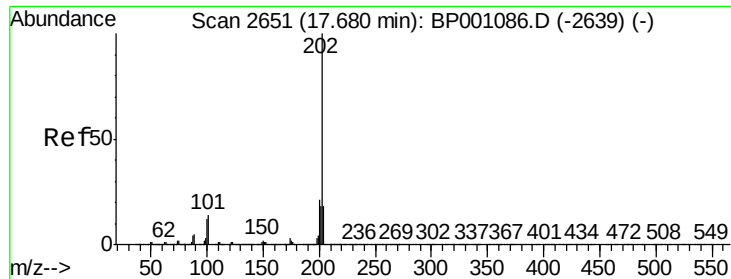
Delta R.T. -0.02 min

Lab File: BP001267.D

Acq: 07 Dec 2019 21:33

Tgt Ion:	240	Resp:	225341
Ion Ratio	Lower	Upper	
240	100		
120	9.8	7.0	10.6
236	26.9	21.7	32.5





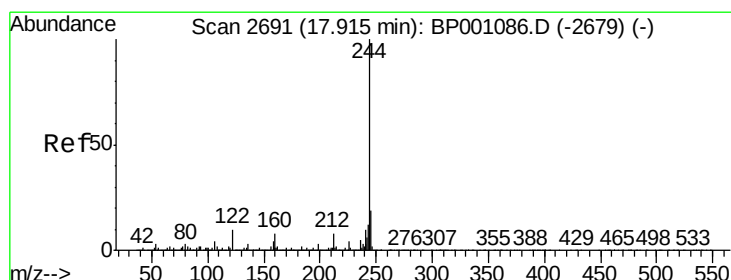
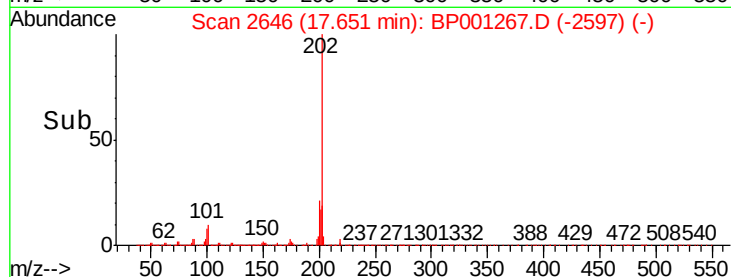
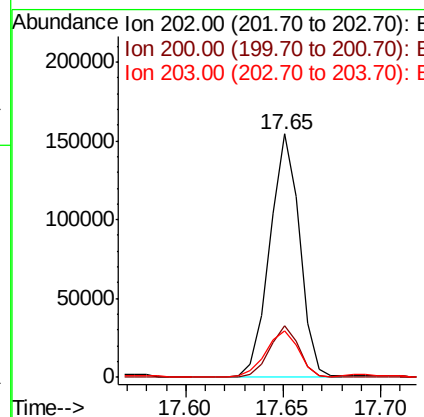
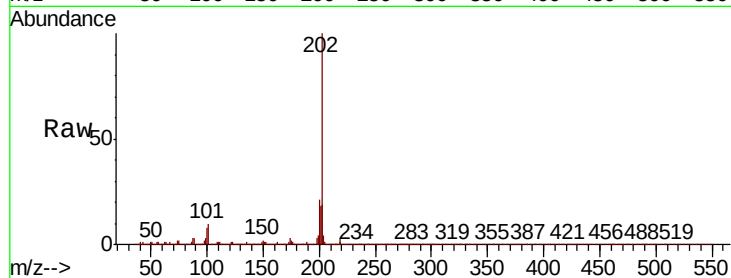
#78
Pvrene
Concen: 9.194 ng
RT: 17.65 min Scan# 2646
Delta R.T. -0.01 min
Lab File: BP001267.D
Acq: 07 Dec 2019 21:33

Instrument :
BNA_P
ClientSampleId :
OR-03-120519

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	17.3	25.9
203	19.2	13.8	20.8

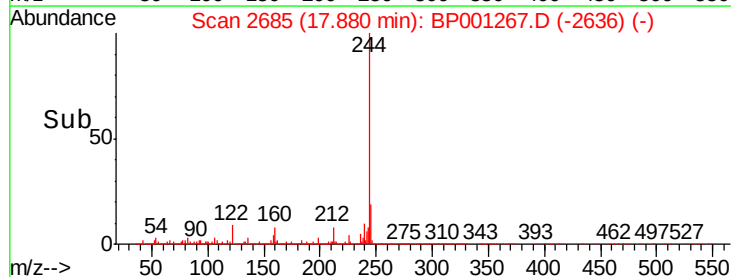
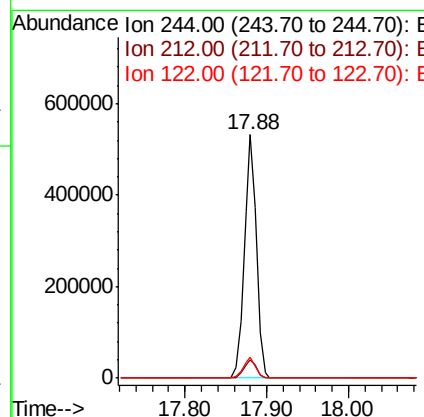
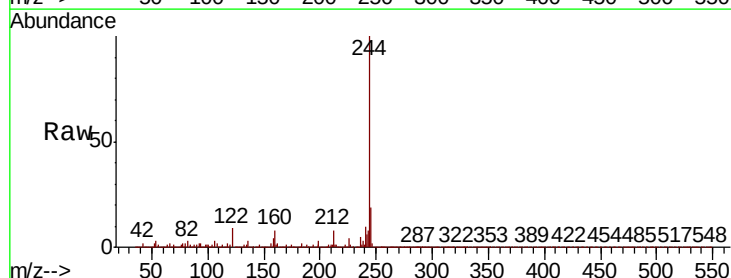
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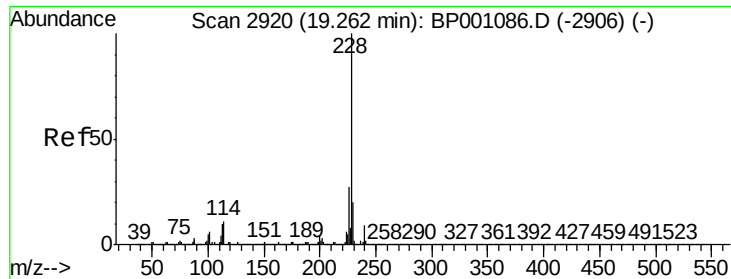
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#79
Terphenyl-d14
Concen: 44.677 ng
RT: 17.88 min Scan# 2685
Delta R.T. -0.01 min
Lab File: BP001267.D
Acq: 07 Dec 2019 21:33

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	6.6	9.8
122	8.6	9.2	13.8#





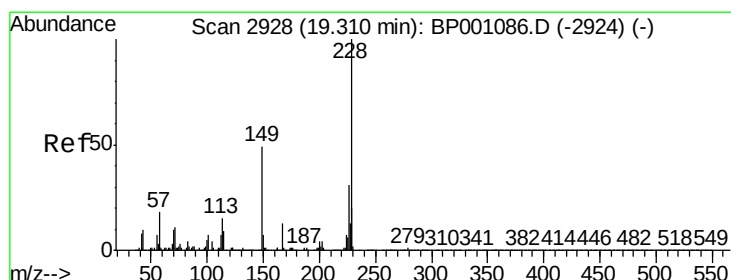
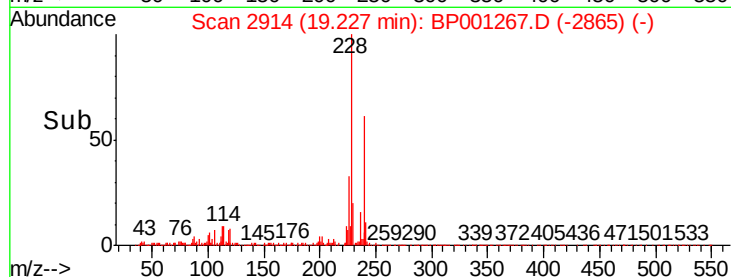
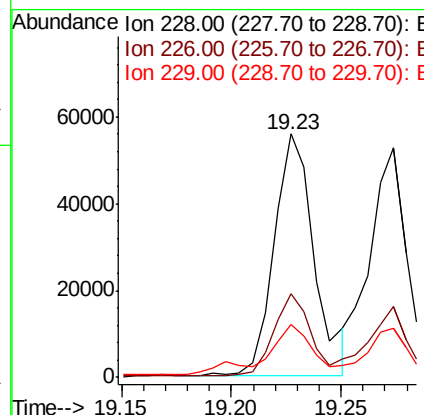
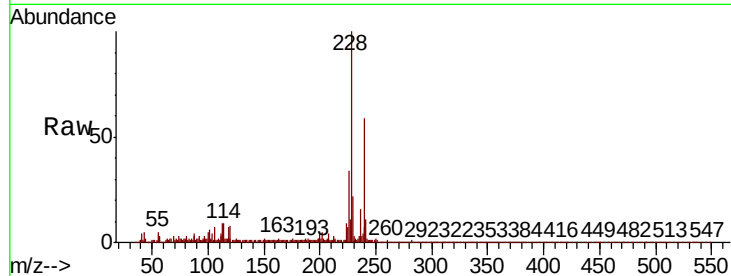
#81
Benzo(a)anthracene
Concen: 4.572 ng m
RT: 19.23 min Scan# 2914
Delta R.T. -0.01 min
Lab File: BP001267.D
Acq: 07 Dec 2019 21:33

Instrument :
BNA_P
ClientSampleId :
OR-03-120519

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.3	21.7	32.5#
229	21.9	15.8	23.6

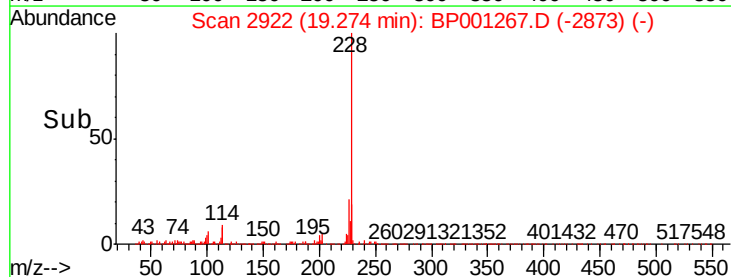
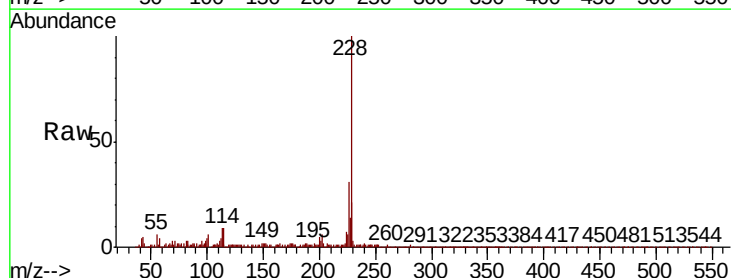
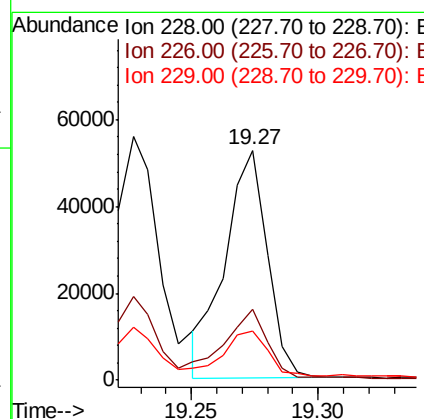
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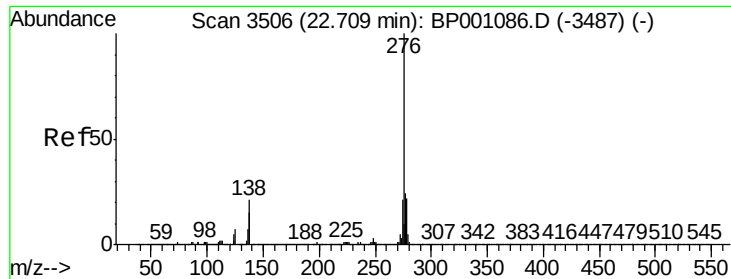
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#83
Chrysene
Concen: 4.349 ng
RT: 19.27 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BP001267.D
Acq: 07 Dec 2019 21:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.7	35.5
229	21.2	15.2	22.8





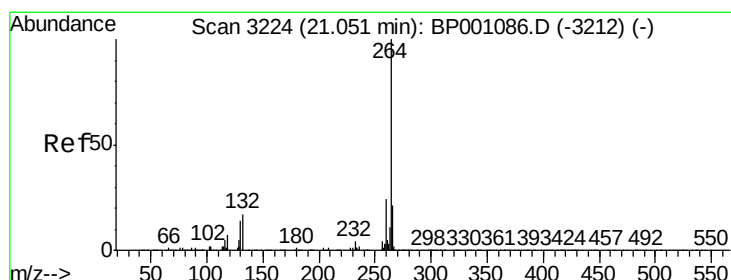
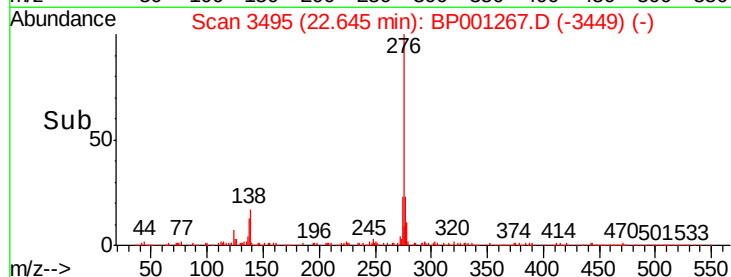
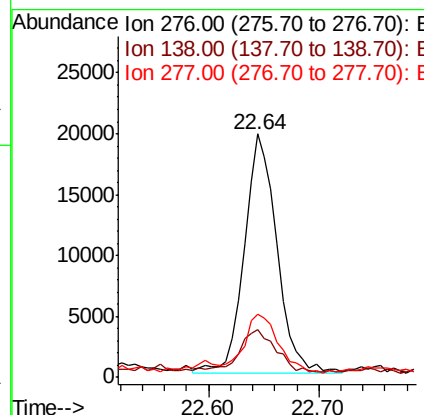
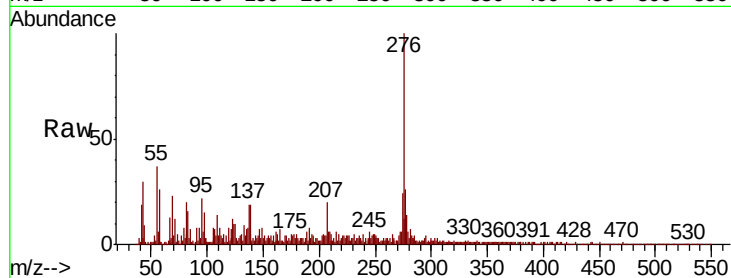
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.468 ng
RT: 22.64 min Scan# 3495
Delta R.T. -0.03 min
Lab File: BP001267.D
Acq: 07 Dec 2019 21:33

Instrument :
BNA_P
ClientSampleId :
OR-03-120519

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	17.9	26.9
277	25.8	20.1	30.1

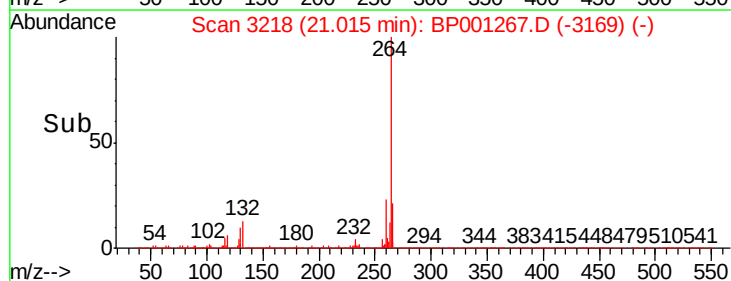
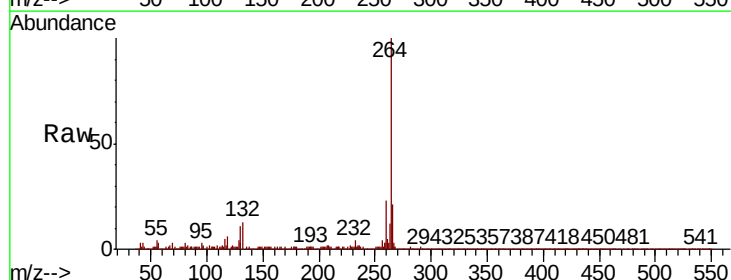
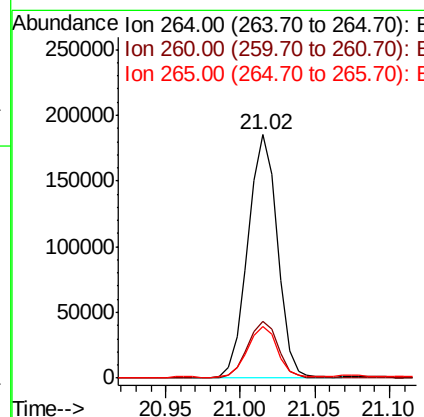
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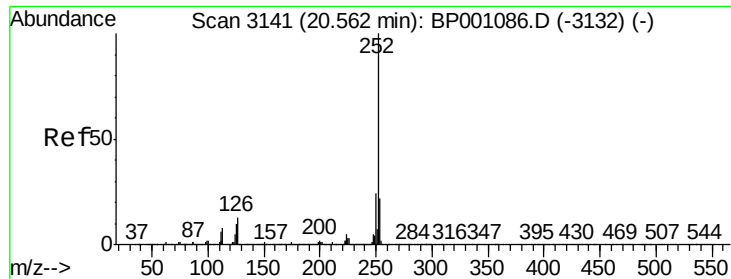
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#87
Perylene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001267.D
Acq: 07 Dec 2019 21:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.2	17.1	25.7





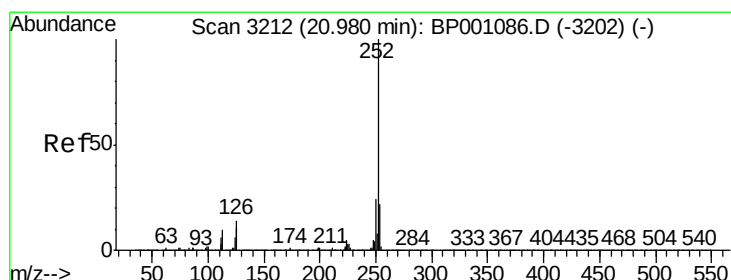
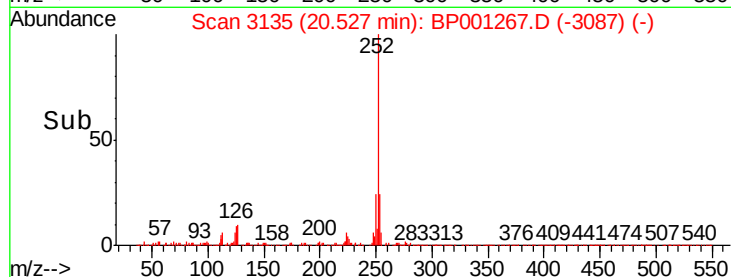
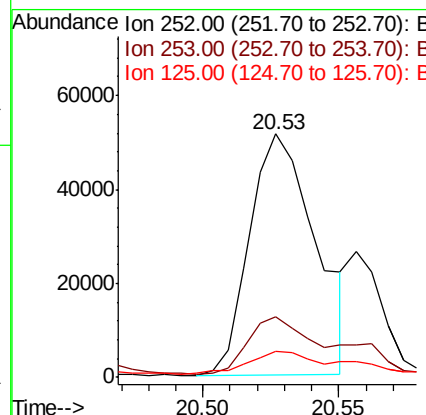
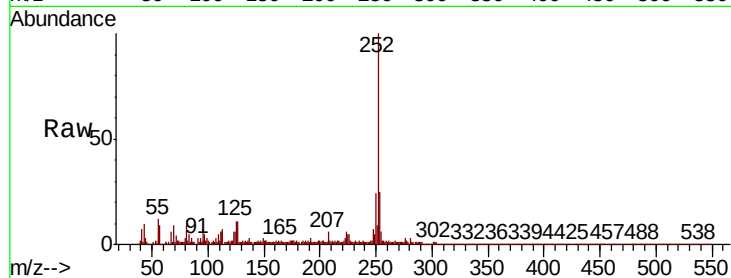
#88
Benzo(b)fluoranthene
Concen: 5.684 ng m
RT: 20.53 min Scan# 3135
Delta R.T. -0.02 min
Lab File: BP001267.D
Acq: 07 Dec 2019 21:33

Instrument :
BNA_P
ClientSampleId :
OR-03-120519

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.6
125	10.7	6.6	9.8#

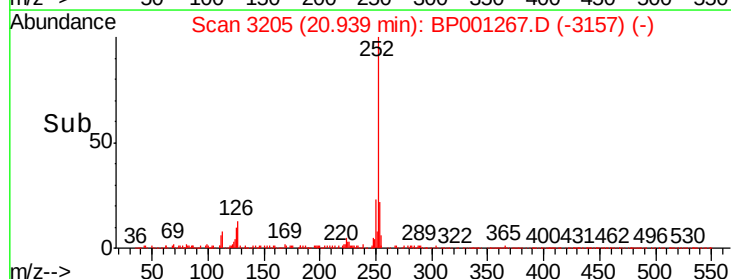
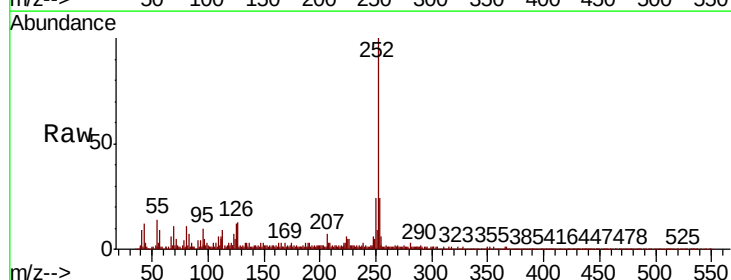
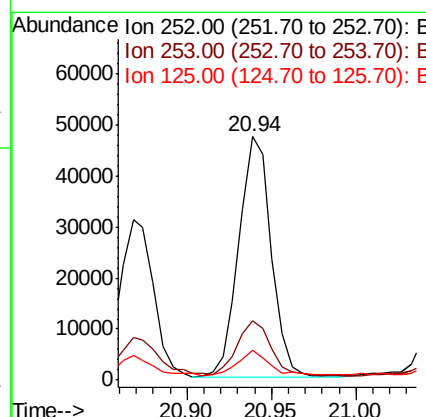
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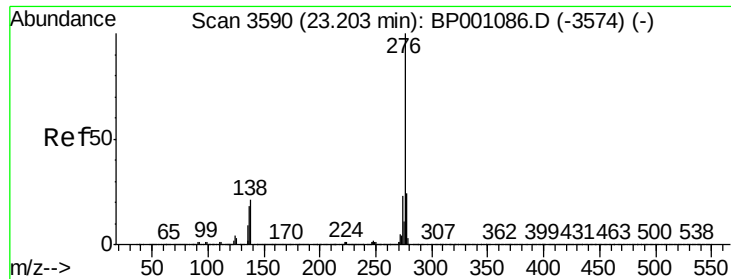
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#90
Benzo(a)pyrene
Concen: 4.451 ng
RT: 20.94 min Scan# 3205
Delta R.T. -0.02 min
Lab File: BP001267.D
Acq: 07 Dec 2019 21:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	16.8	25.2
125	12.3	7.8	11.6#





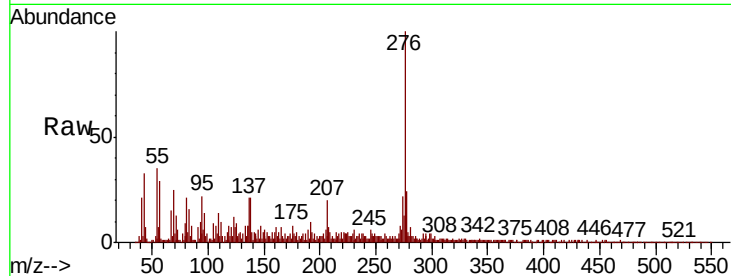
#92
 Benzo(a,h,i)perylene
 Concen: 2.875 ng
 RT: 23.13 min Scan# 3578
 Delta R.T. -0.04 min
 Lab File: BP001267.D
 Acq: 07 Dec 2019 21:33

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-120519

Tot Ion:	276	Resp:	39320
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.6	28.0
138	20.6	15.6	23.4

Manual Integrations
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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

