

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121119\
 Data File : BP001323.D
 Acq On : 11 Dec 2019 20:57
 Operator : JU
 Sample : K6242-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-04-COMP

Manual Integrations
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 12/12/2019 11:34:24 AM

Quant Time: Dec 12 08:04:56 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	8.30	152	77742	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	268466	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	143920	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	264029	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	196617	20.00	ng	-0.02
87) Perylene-d12	21.01	264	207404	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	527697	112.62	ng	0.02
7) Phenol-d6	7.77	99	699852	112.11	ng	0.00
23) Nitrobenzene-d5	9.19	82	500699	80.92	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	174105	126.21	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	781379	79.46	ng	-0.01
79) Terphenyl-d14	17.88	244	792041	74.53	ng	-0.01
Target Compounds						
50) Dimethylphthalate	12.79	163	73048	6.786	ng	99
71) Phenanthrene	15.63	178	30906	2.227	ng	99
75) Fluoranthene	17.34	202	61435	4.181	ng	97
78) Pyrene	17.65	202	61068	3.943	ng	# 95
81) Benzo(a)anthracene	19.23	228	43409	3.184	ng	99
83) Chrysene	19.27	228	39018m	3.196	ng	
86) Indeno(1,2,3-cd)pyrene	22.63	276	33121	2.302	ng	# 95
88) Benzo(b)fluoranthene	20.52	252	63427m	5.007	ng	
90) Benzo(a)pyrene	20.94	252	45989	3.941	ng	# 95
92) Benzo(g,h,i)perylene	23.12	276	33709	2.990	ng	97

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

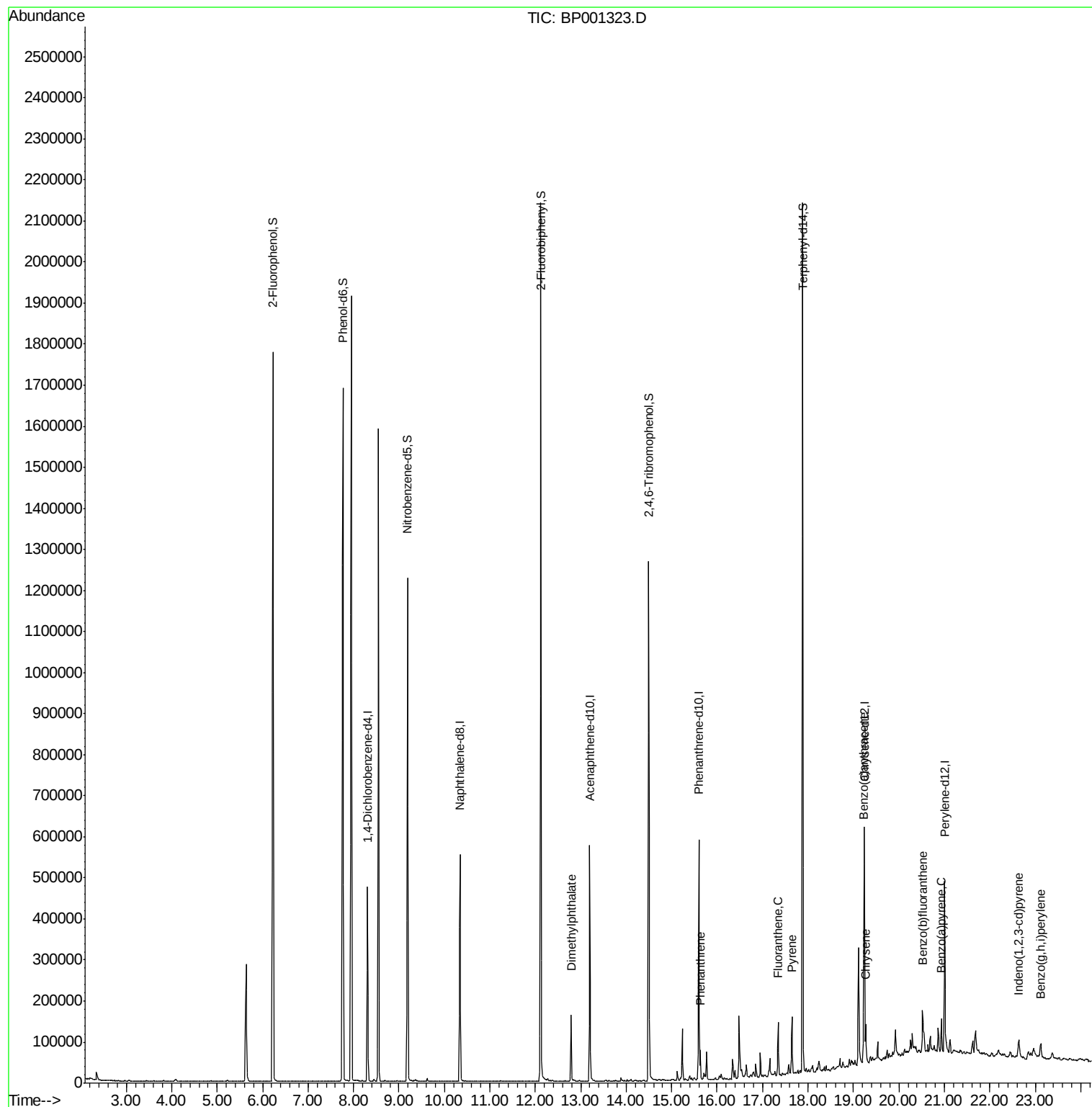
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121119\
Data File : BP001323.D
Acq On : 11 Dec 2019 20:57
Operator : JU
Sample : K6242-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

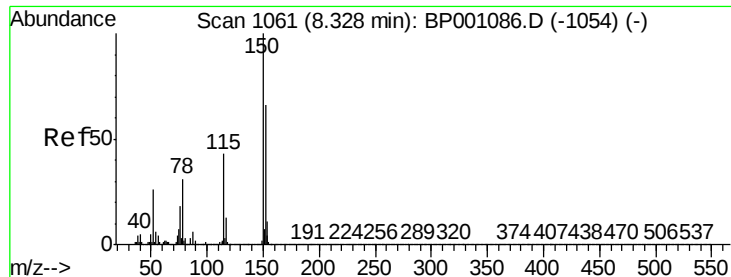
Instrument :
BNA_P
ClientSampleId :
SB-04-COMP

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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: 8.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BP001323.D

Acq: 11 Dec 2019 20:57

Instrument :

BNA_P

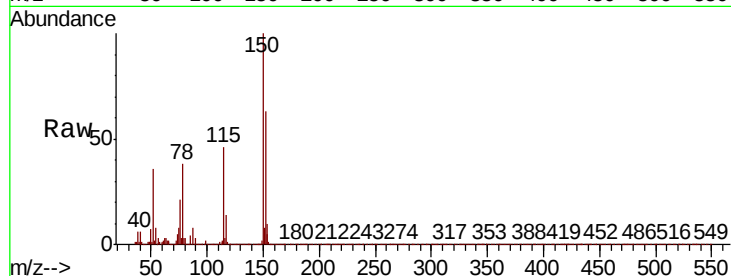
ClientSampleId :

SB-04-COMP

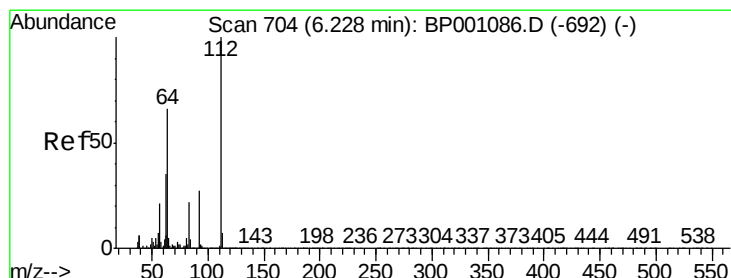
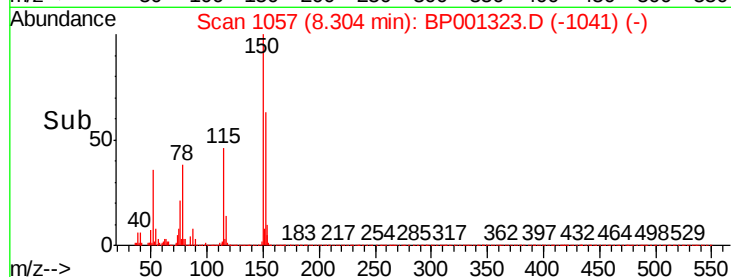
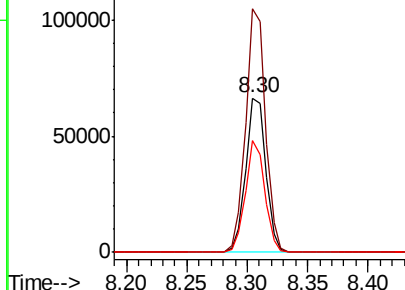
Tot Ion:	152	Resp:	77742
Ion	Ratio	Lower	Upper
152	100		
150	157.6	127.3	190.9
115	72.2	56.0	84.0

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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: 112.615 ng

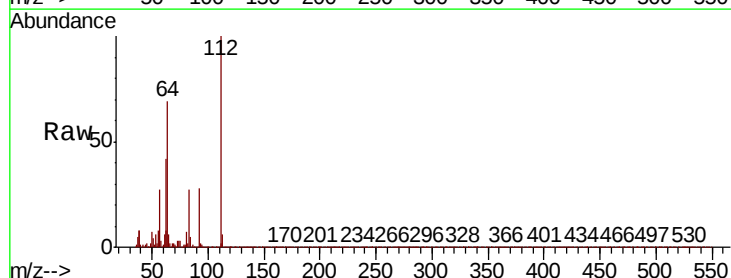
RT: 6.23 min Scan# 704

Delta R.T. 0.02 min

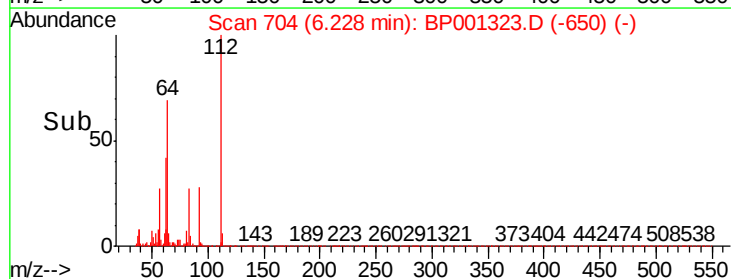
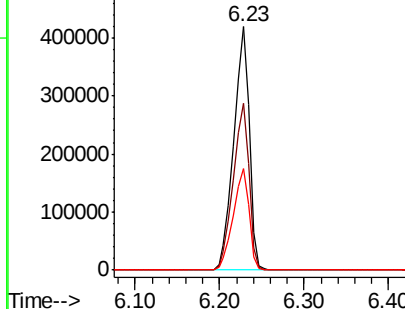
Lab File: BP001323.D

Acq: 11 Dec 2019 20:57

Tgt Ion:	112	Resp:	527697
Ion	Ratio	Lower	Upper
112	100		
64	68.7	56.8	85.2
63	42.0	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: 112.107 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BP001323.D

Acq: 11 Dec 2019 20:57

Instrument :

BNA_P

ClientSampleId :

SB-04-COMP

Tot Ion: 99 Resp: 699852

Ion Ratio Lower Upper

99 100

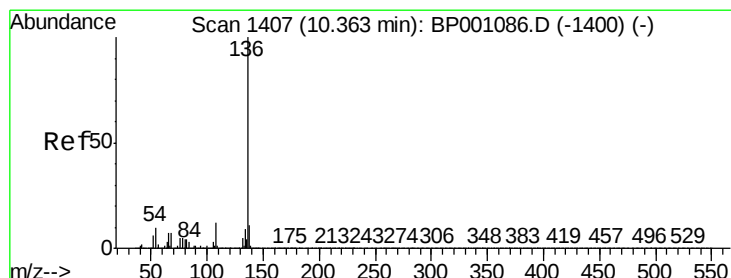
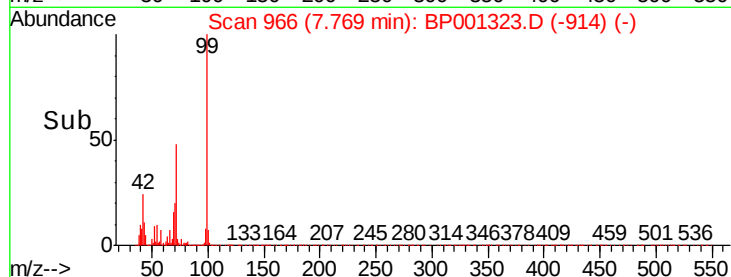
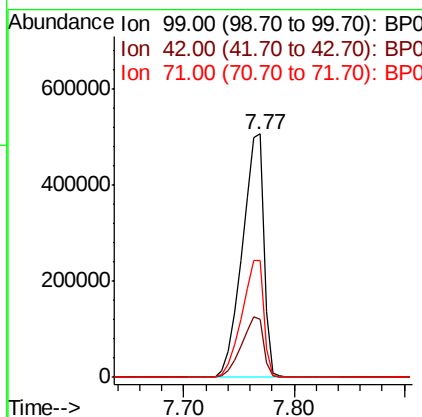
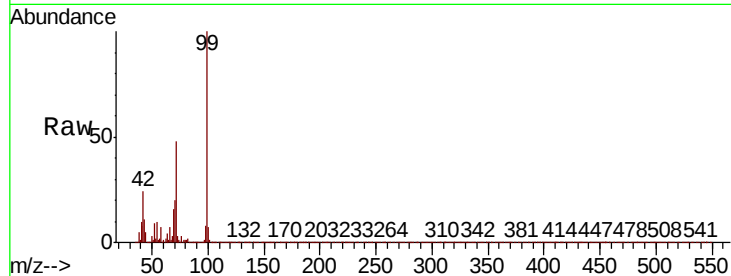
42 24.0 17.6 26.4

71 47.9 33.8 50.8

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BP001323.D

Acq: 11 Dec 2019 20:57

Tgt Ion: 136 Resp: 268466

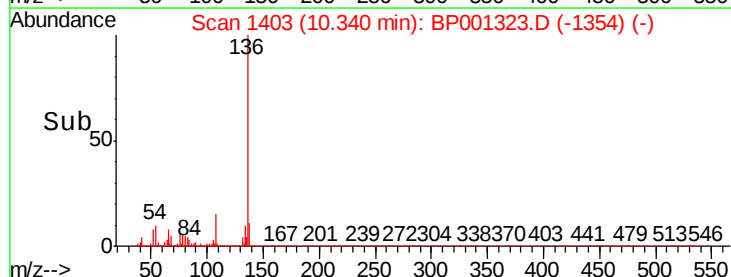
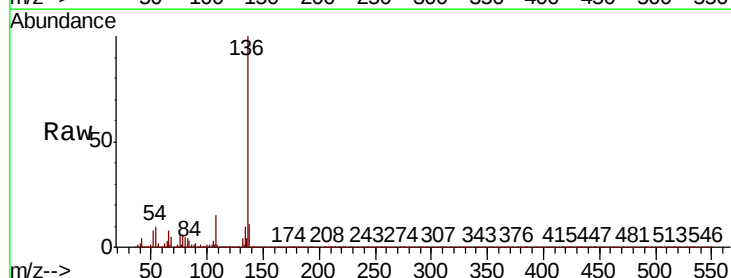
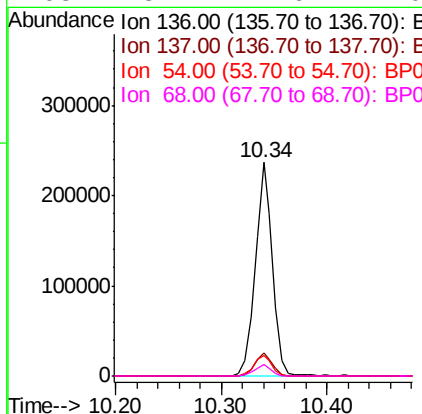
Ion Ratio Lower Upper

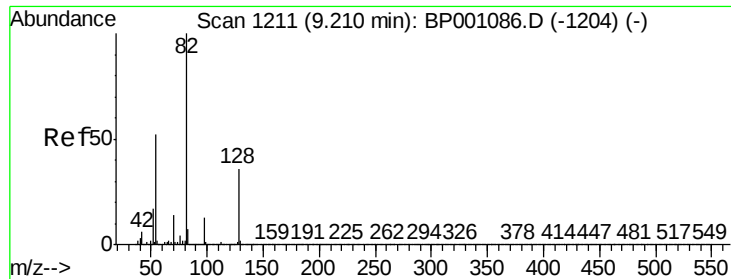
136 100

137 11.0 8.4 12.6

54 9.7 7.4 11.0

68 5.4 4.6 7.0





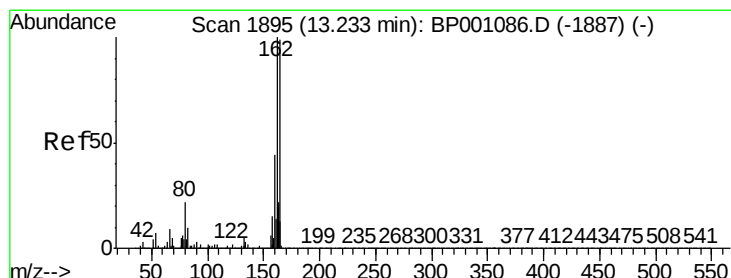
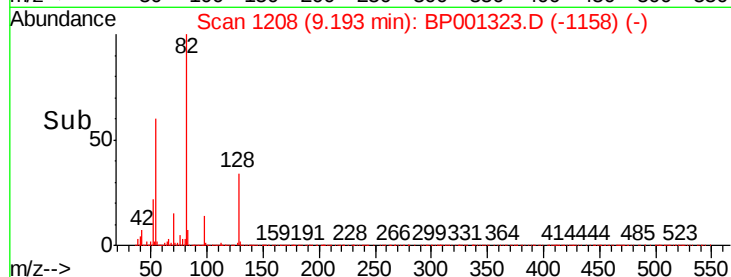
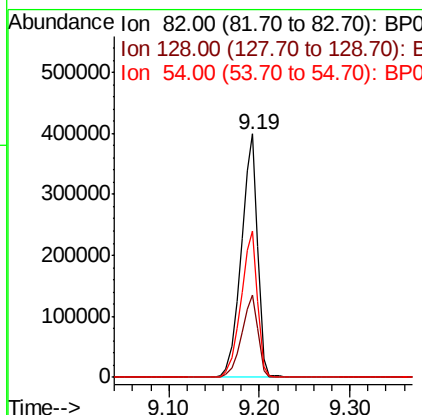
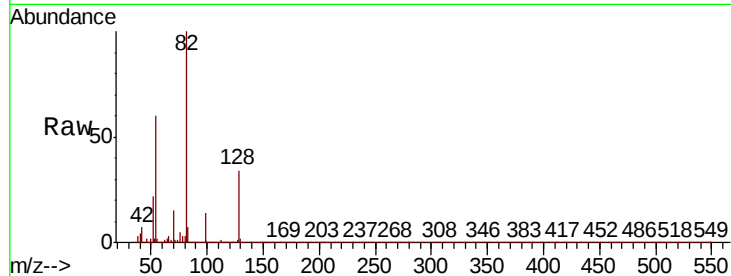
#23
Nitrobenzene-d5
Concen: 80.916 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001323.D
Acq: 11 Dec 2019 20:57

Instrument :
BNA_P
ClientSampleId :
SB-04-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.9	27.5	41.3
54	60.2	45.7	68.5

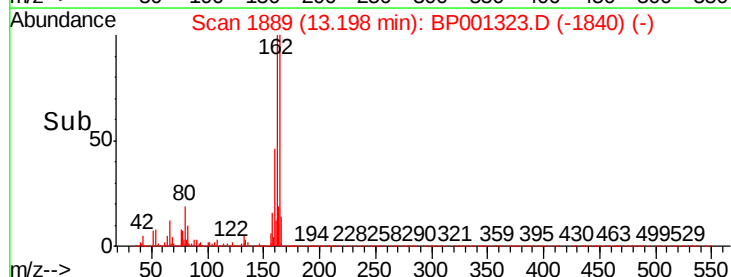
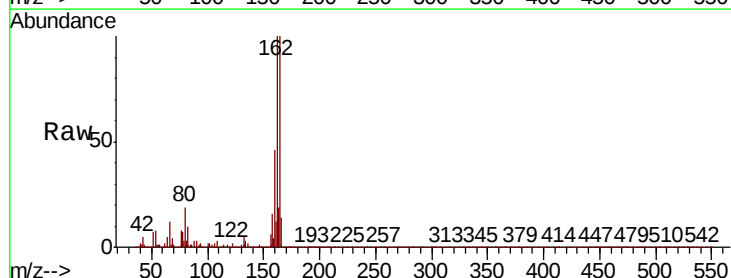
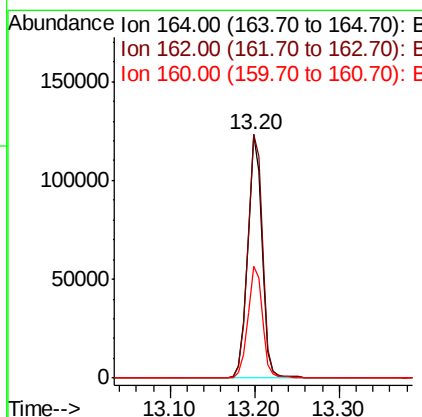
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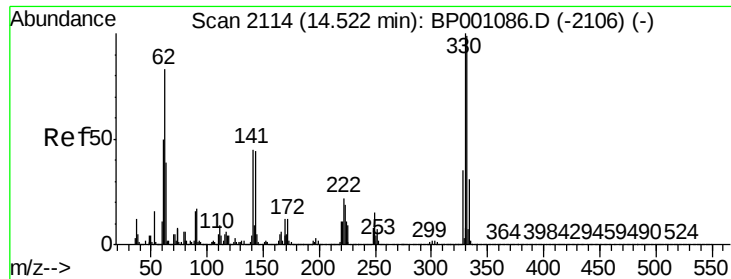
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BP001323.D
Acq: 11 Dec 2019 20:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.7	121.1
160	45.7	36.3	54.5





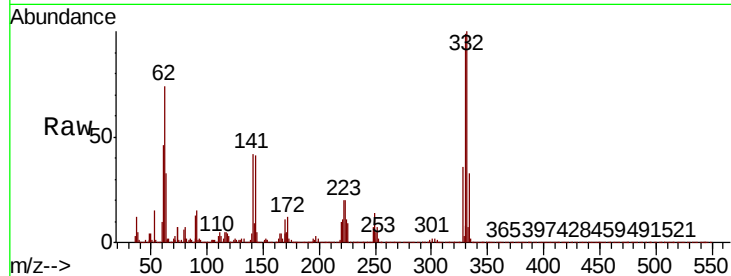
#42
2,4,6-Tribromophenol
Concen: 126.211 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001323.D
Acq: 11 Dec 2019 20:57

Instrument :
BNA_P
ClientSampleId :
SB-04-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	174105		
332	97.8	79.1	118.7	
141	45.3	35.9	53.9	

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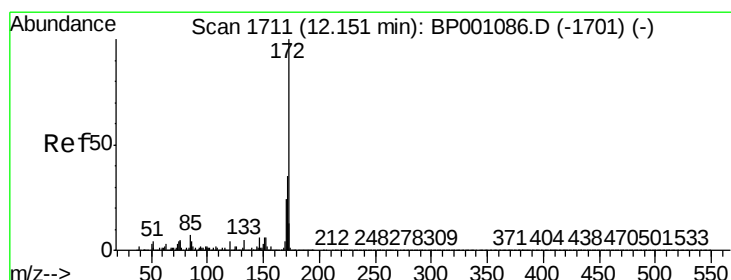
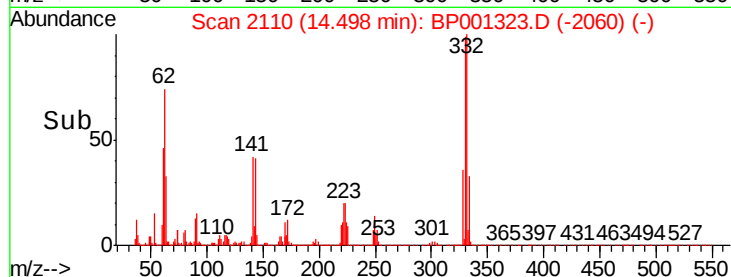
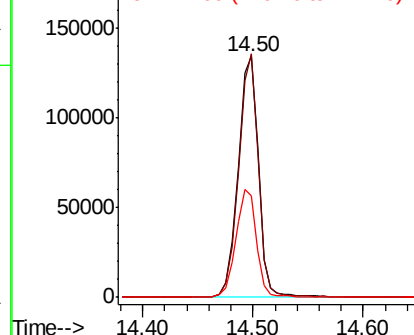


Abundance

Ion 329.80 (329.50 to 330.50): E

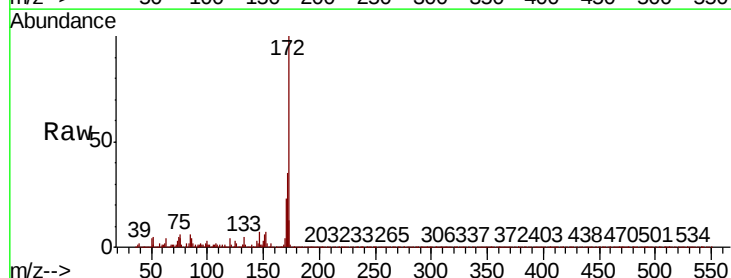
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 79.461 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001323.D
Acq: 11 Dec 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	781379		
171	35.0	28.7	43.1	
170	23.4	19.2	28.8	

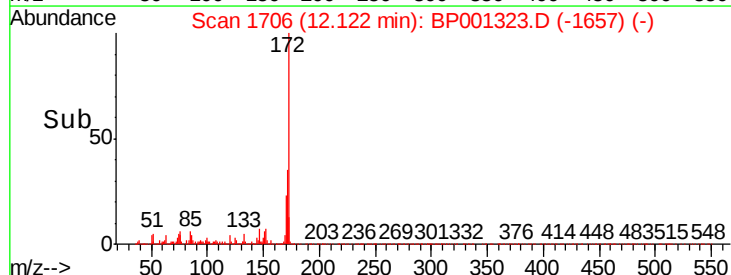
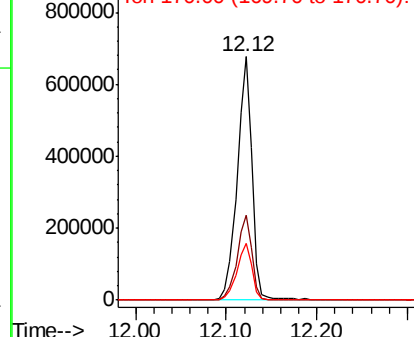


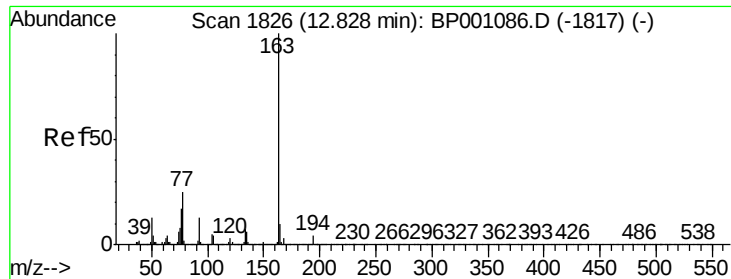
Abundance

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





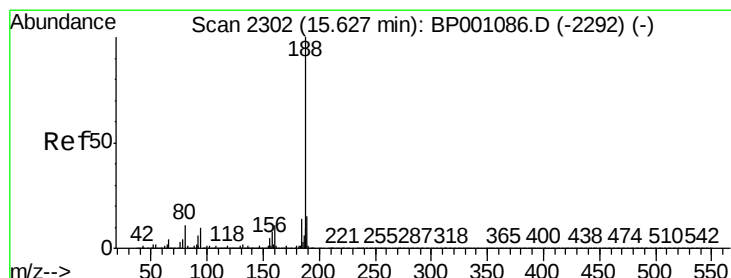
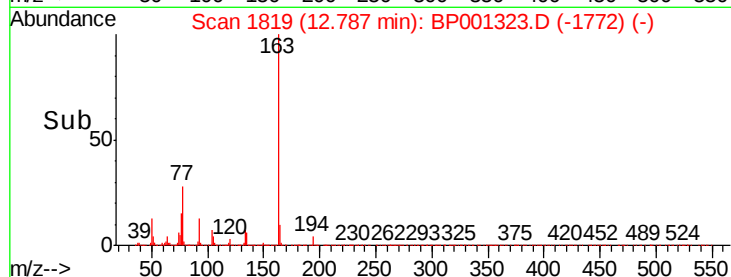
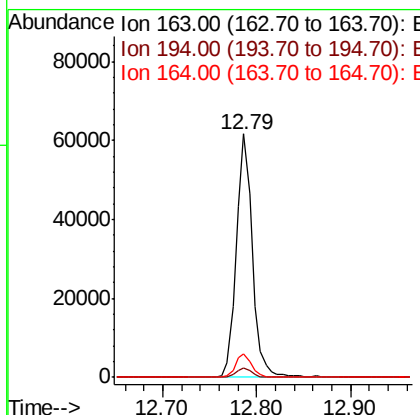
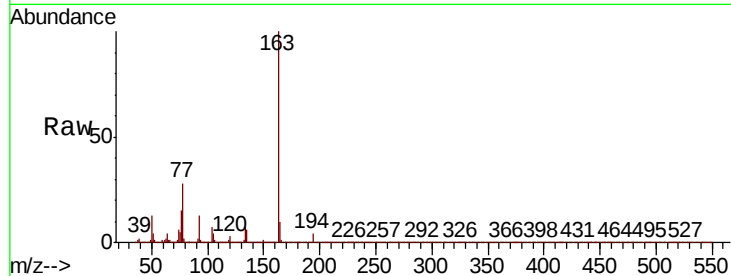
#50
Dimethylphthalate
Concen: 6.786 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BP001323.D
Acq: 11 Dec 2019 20:57

Instrument :
BNA_P
ClientSampleId :
SB-04-COMP

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.8	8.2	12.4

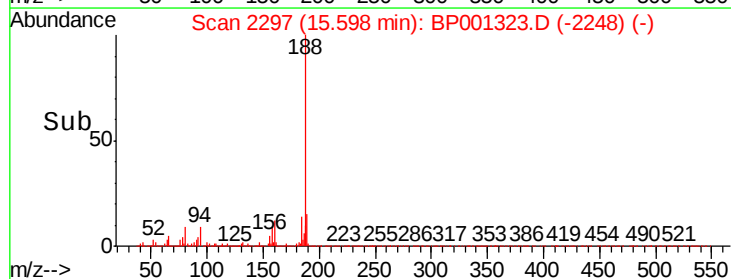
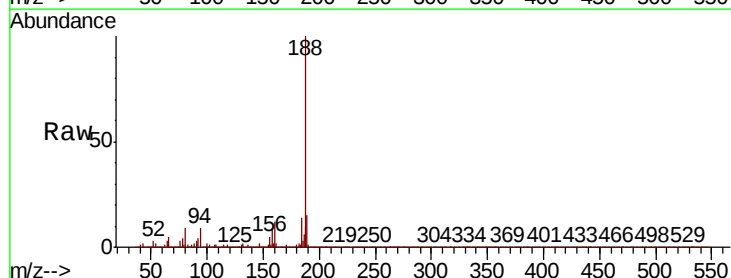
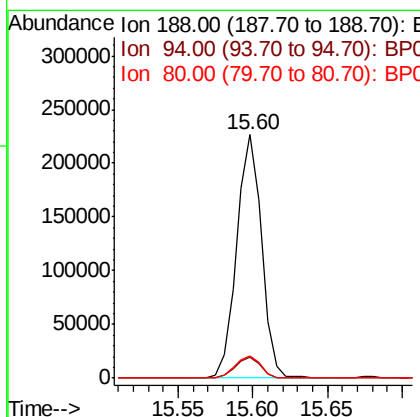
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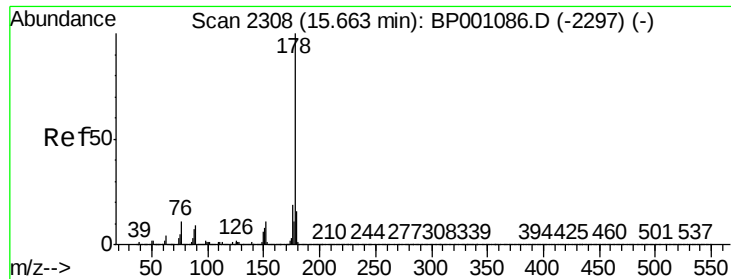
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001323.D
Acq: 11 Dec 2019 20:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	9.3	7.8	11.6





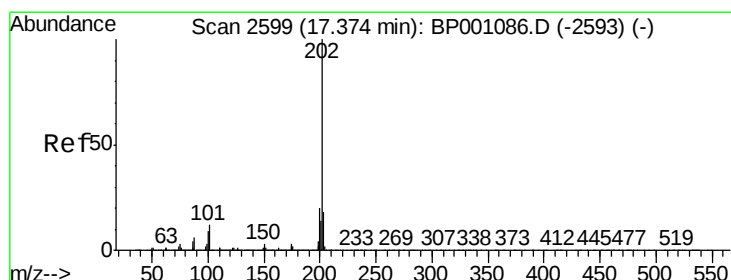
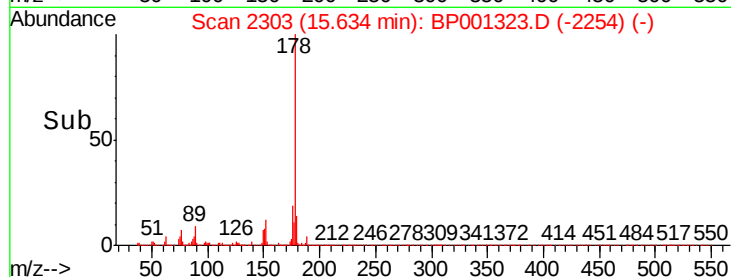
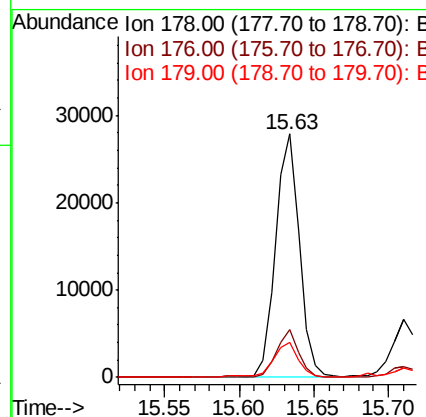
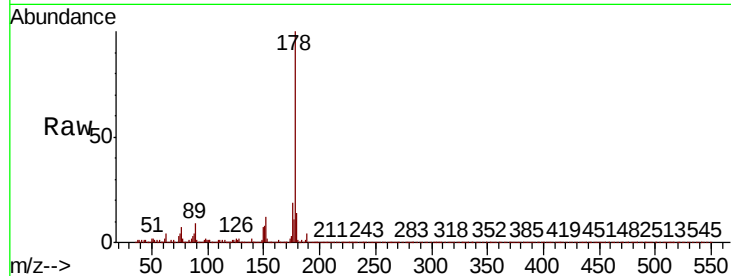
#71
Phenanthrene
Concen: 2.227 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BP001323.D
Acq: 11 Dec 2019 20:57

Instrument :
BNA_P
ClientSampleId :
SB-04-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	14.3	12.4	18.6

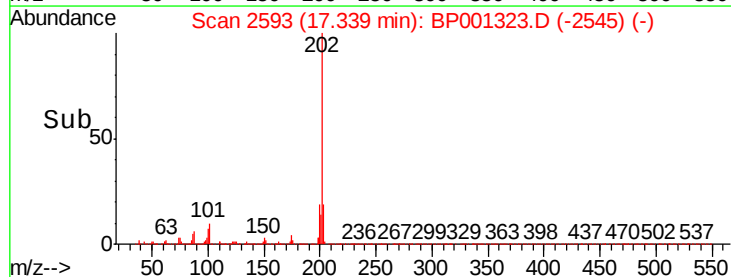
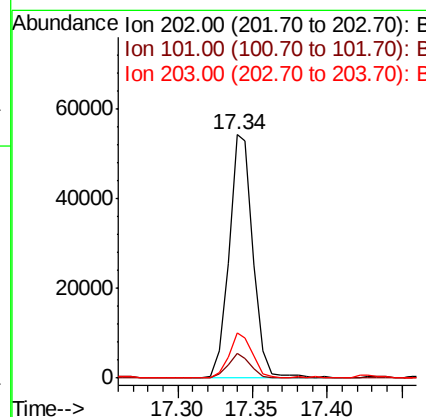
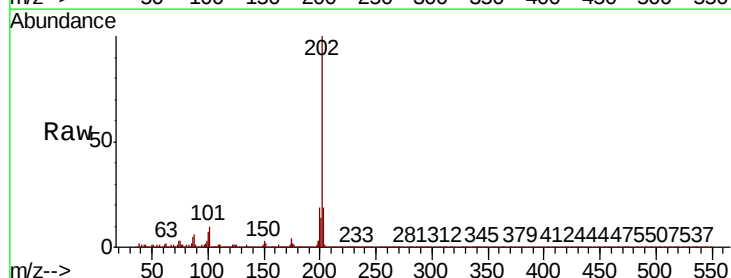
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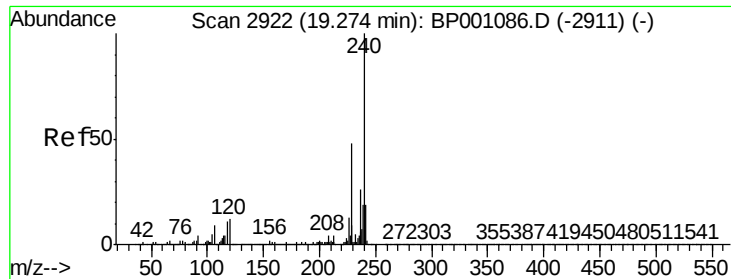
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#75
Fluoranthene
Concen: 4.181 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.02 min
Lab File: BP001323.D
Acq: 11 Dec 2019 20:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.0
203	18.7	0.0	37.1





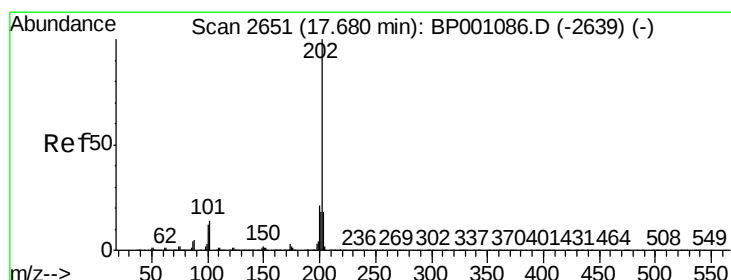
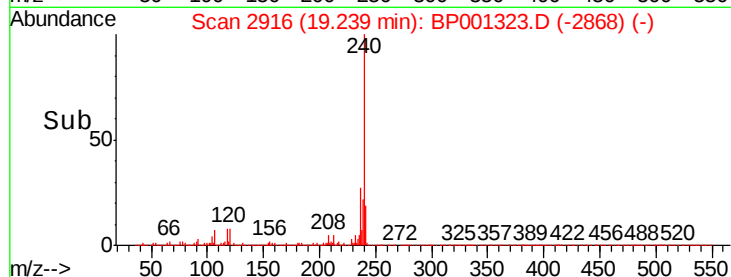
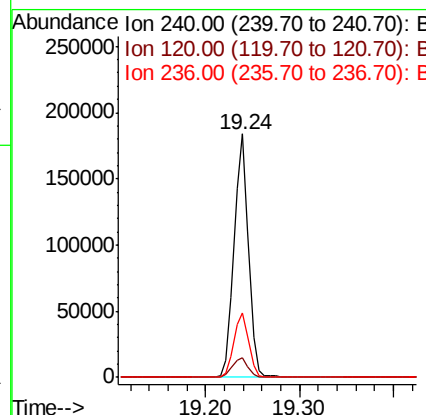
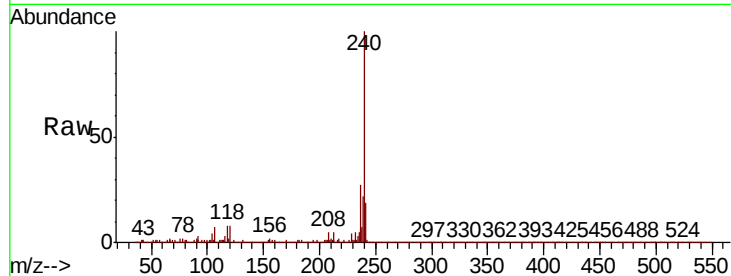
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001323.D
Acq: 11 Dec 2019 20:57

Instrument :
BNA_P
ClientSampleId :
SB-04-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.0	10.6
236	26.5	21.7	32.5

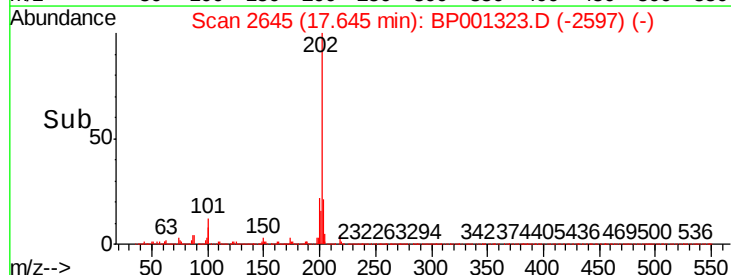
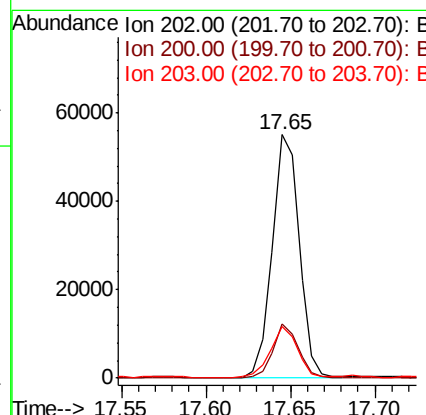
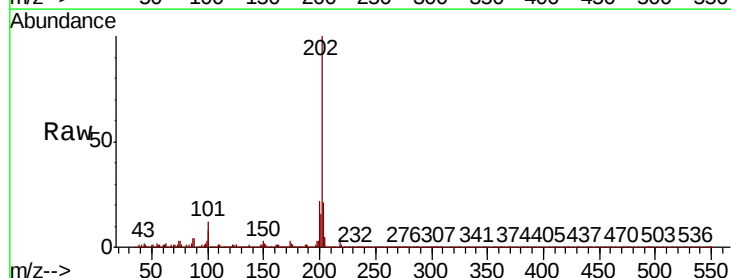
Manual Integrations
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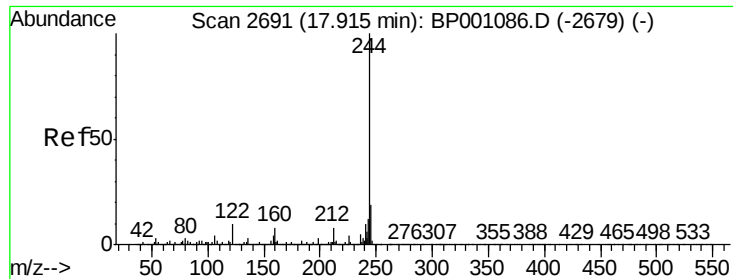
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#78
Pyrene
Concen: 3.943 ng
RT: 17.65 min Scan# 2645
Delta R.T. -0.02 min
Lab File: BP001323.D
Acq: 11 Dec 2019 20:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.3	25.9
203	21.0	13.8	20.8





#79

Terphenyl-d14

Concen: 74.528 ng

RT: 17.88 min Scan# 2685

Delta R.T. -0.01 min

Lab File: BP001323.D

Acq: 11 Dec 2019 20:57

Instrument :

BNA_P

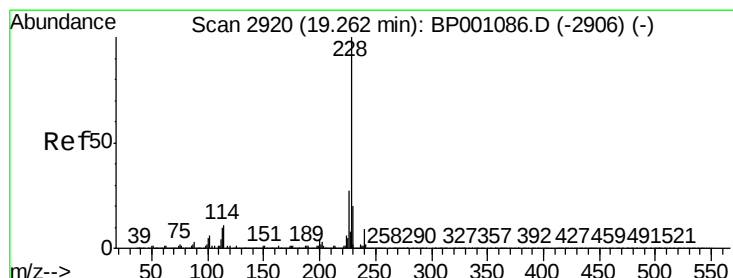
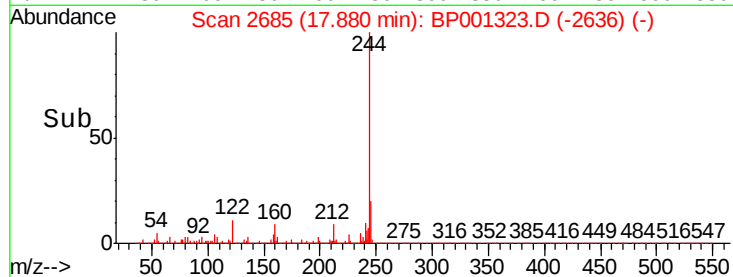
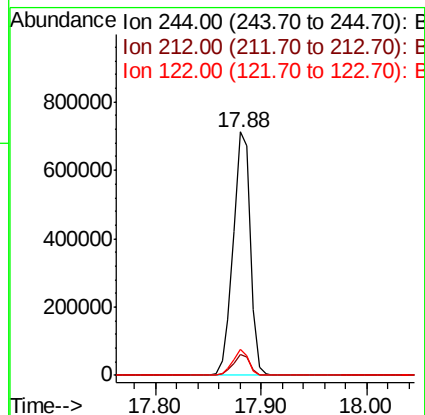
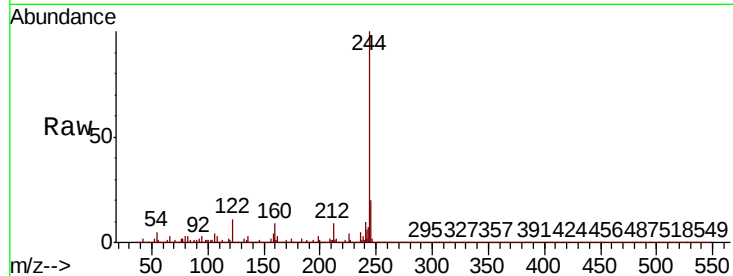
ClientSampleId :

SB-04-COMP

Tot Ion:	244	Resp:	792041
Ion Ratio	Lower	Upper	
244	100		
212	8.5	6.6	9.8
122	10.6	9.2	13.8

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#81

Benzo(a)anthracene

Concen: 3.184 ng

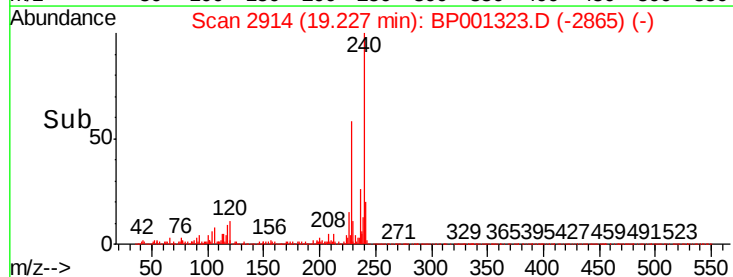
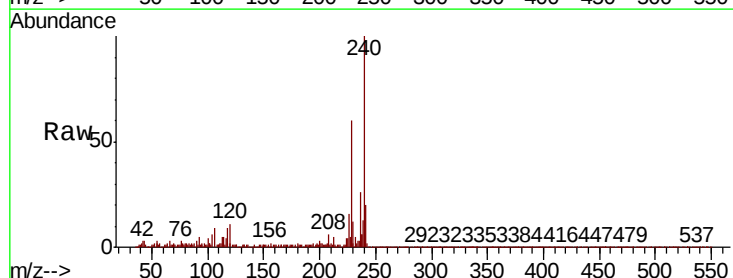
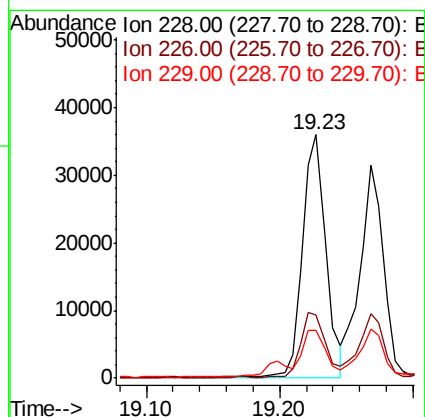
RT: 19.23 min Scan# 2914

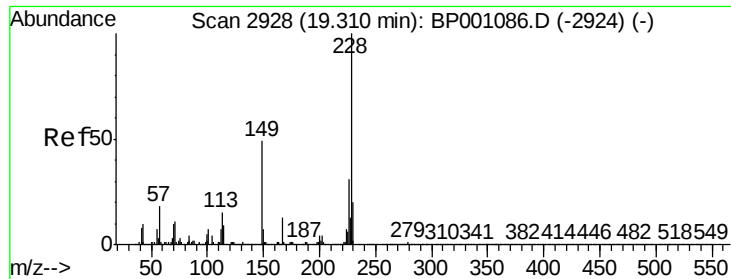
Delta R.T. -0.01 min

Lab File: BP001323.D

Acq: 11 Dec 2019 20:57

Tgt Ion:	228	Resp:	43409
Ion Ratio	Lower	Upper	
228	100		
226	26.1	21.7	32.5
229	19.6	15.8	23.6





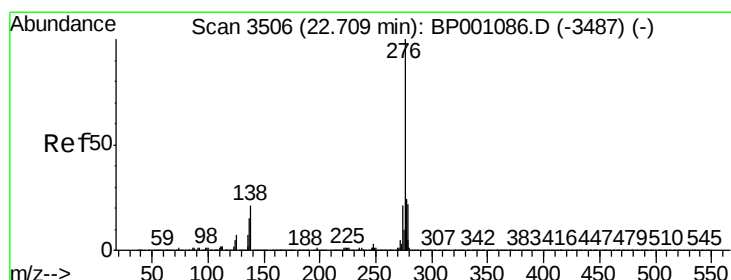
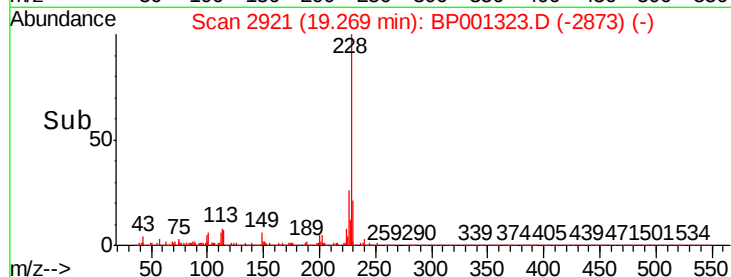
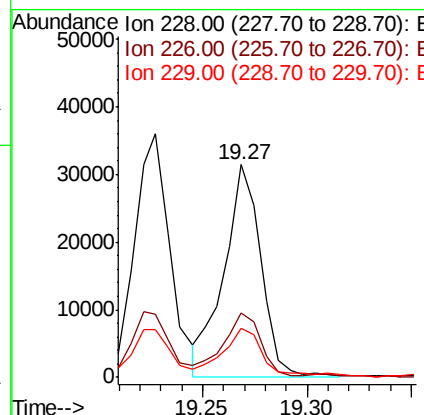
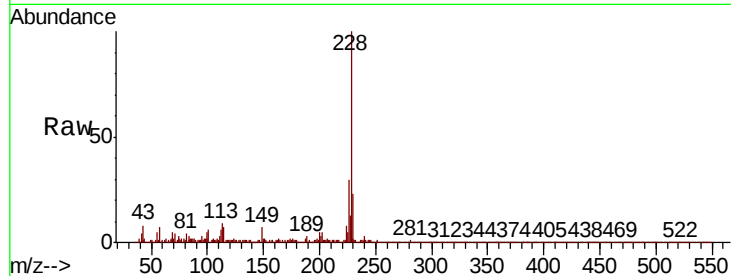
#83
Chrysene
Concen: 3.196 ng/ml
RT: 19.27 min Scan# 2921
Delta R.T. -0.02 min
Lab File: BP001323.D
Acq: 11 Dec 2019 20:57

Instrument :
BNA_P
ClientSampleId :
SB-04-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.7	35.5
229	23.3	15.2	22.8

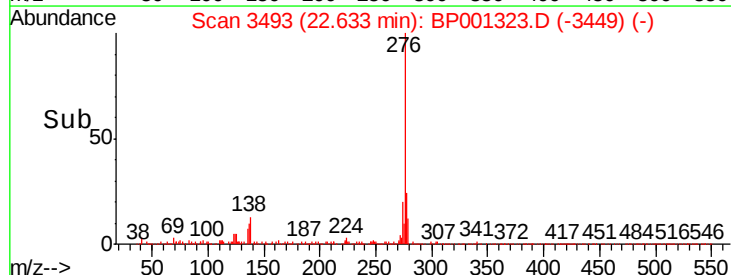
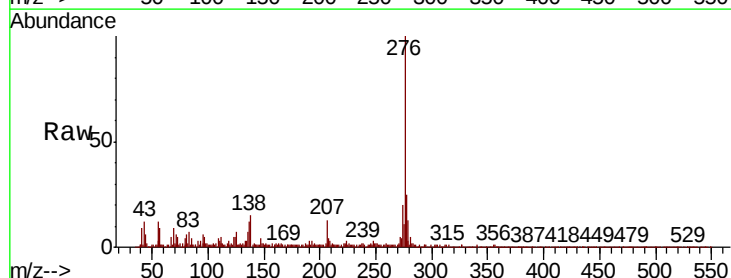
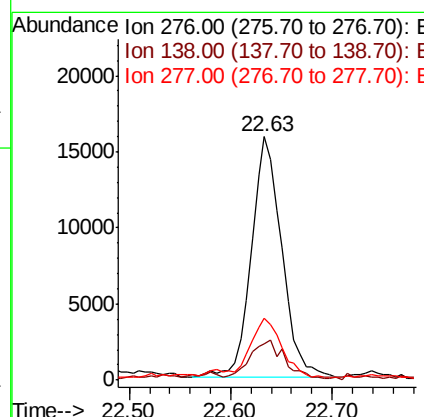
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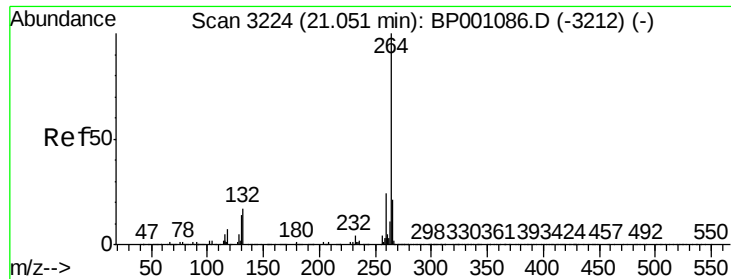
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.302 ng
RT: 22.63 min Scan# 3493
Delta R.T. -0.04 min
Lab File: BP001323.D
Acq: 11 Dec 2019 20:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	17.9	26.9
277	24.8	20.1	30.1





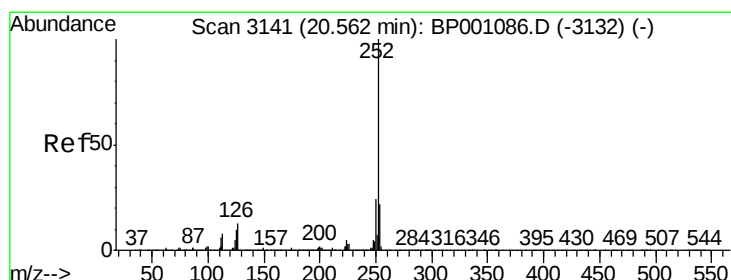
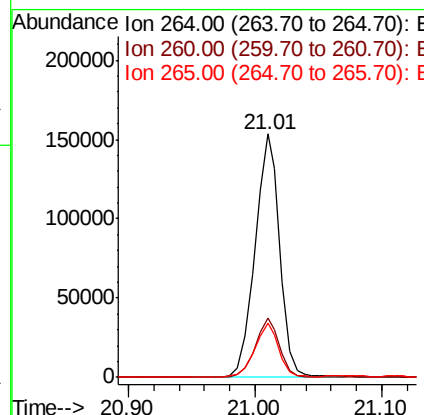
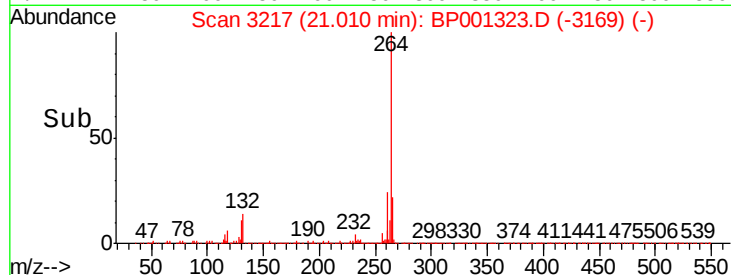
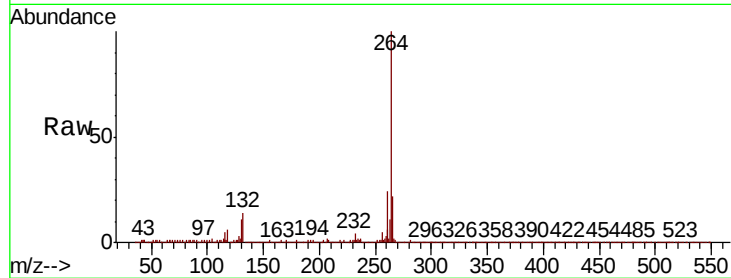
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.01 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BP001323.D
Acq: 11 Dec 2019 20:57

Instrument :
BNA_P
ClientSampleId :
SB-04-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	22.1	17.1	25.7

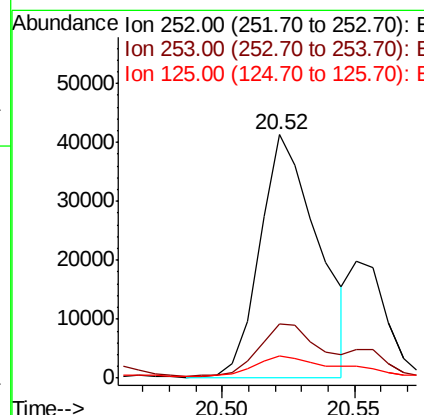
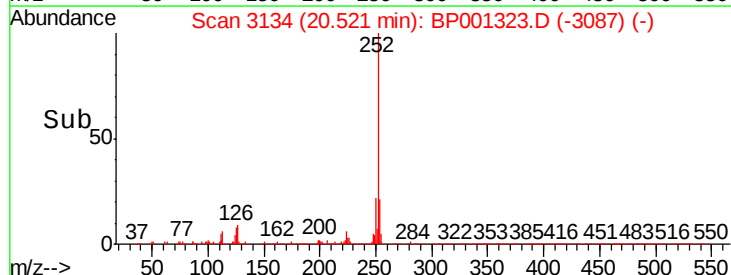
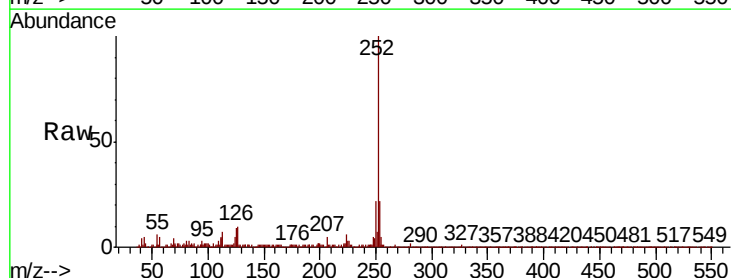
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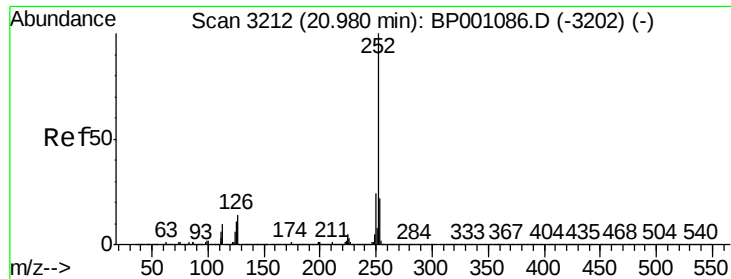
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#88
Benzo(b)fluoranthene
Concen: 5.007 ng m
RT: 20.52 min Scan# 3134
Delta R.T. -0.02 min
Lab File: BP001323.D
Acq: 11 Dec 2019 20:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	8.9	6.6	9.8





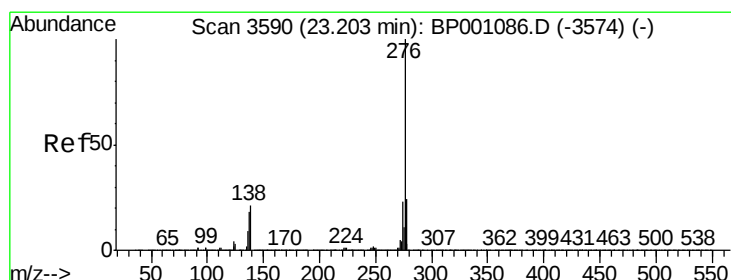
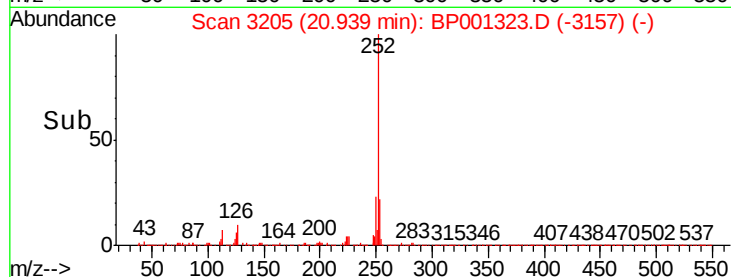
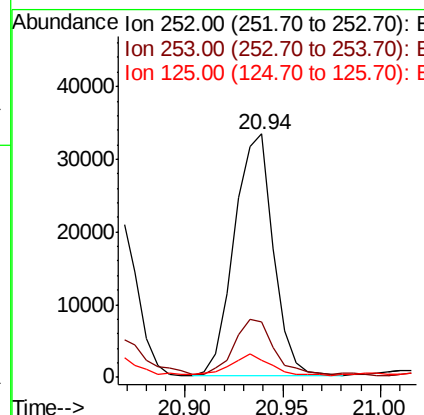
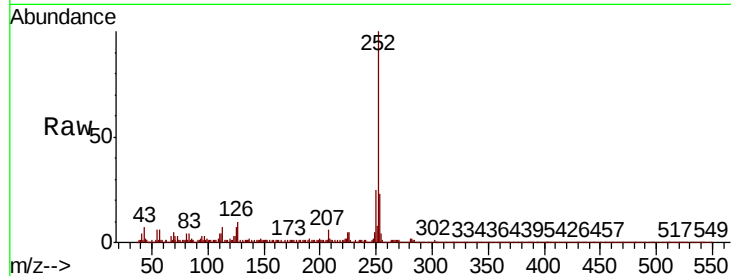
#90
Benzo(a)pyrene
Concen: 3.941 ng
RT: 20.94 min Scan# 3205
Delta R.T. -0.02 min
Lab File: BP001323.D
Acq: 11 Dec 2019 20:57

Instrument :
BNA_P
ClientSampleId :
SB-04-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.8	25.2
125	7.0	7.8	11.6

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#92
Benzo(g,h,i)perylene
Concen: 2.990 ng
RT: 23.12 min Scan# 3576
Delta R.T. -0.05 min
Lab File: BP001323.D
Acq: 11 Dec 2019 20:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.6	28.0
138	18.0	15.6	23.4

