

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001401.D
 Acq On : 24 Dec 2019 22:34
 Operator : JU
 Sample : K6396-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1-(0-2)

Manual Integrations
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Quant Time: Dec 25 08:08:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	46714	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	177722	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	105367	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	184029	20.00	ng	0.00
76) Chrysene-d12	19.23	240	115540	20.00	ng	0.00
87) Perylene-d12	20.99	264	120207	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	281298	97.32	ng	0.00
7) Phenol-d6	7.75	99	394995	104.73	ng	0.00
23) Nitrobenzene-d5	9.17	82	272768	58.94	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	110234	83.68	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	516998	62.04	ng	0.00
79) Terphenyl-d14	17.87	244	451677	66.96	ng	0.00
Target Compounds						
10) Phenol	7.76	94	13154	3.052	ng	Qvalue 90
50) Dimethylphthalate	12.76	163	23712	2.743	ng	99
71) Phenanthrene	15.62	178	81357	7.749	ng	99
75) Fluoranthene	17.33	202	155539	13.248	ng	99
78) Pyrene	17.63	202	143122	15.954	ng	98
81) Benzo(a)anthracene	19.21	228	83300m	9.894	ng	
83) Chrysene	19.26	228	70131	8.630	ng	97
86) Indeno(1,2,3-cd)pyrene	22.61	276	41440	4.722	ng	100
88) Benzo(b)fluoranthene	20.51	252	98546m	12.483	ng	
89) Benzo(k)fluoranthene	20.54	252	25801m	3.431	ng	
90) Benzo(a)pyrene	20.92	252	70121	9.750	ng	# 96
92) Benzo(a,h,i)perylene	23.09	276	37576	5.593	ng	93

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

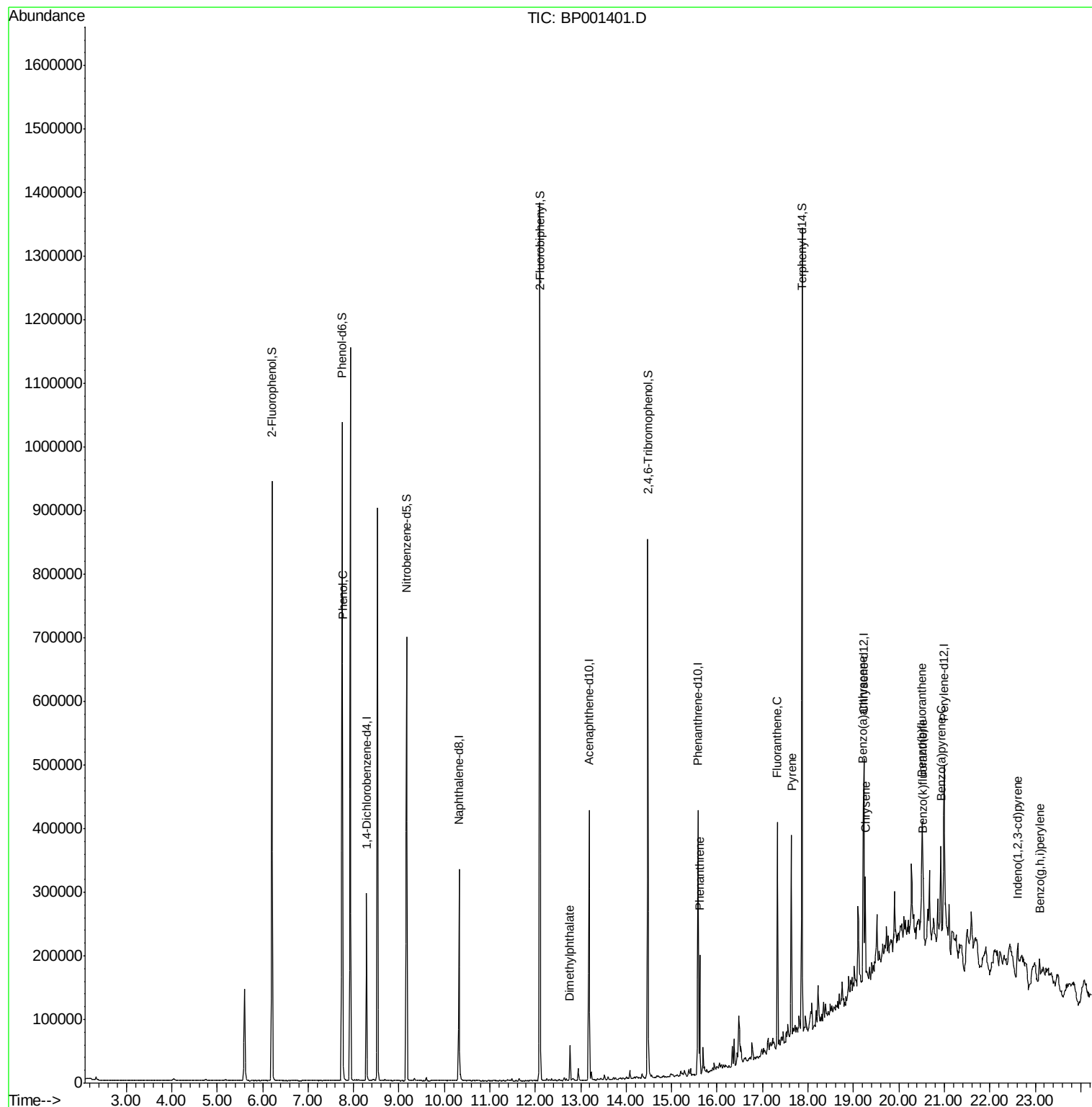
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001401.D
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Sample : K6396-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

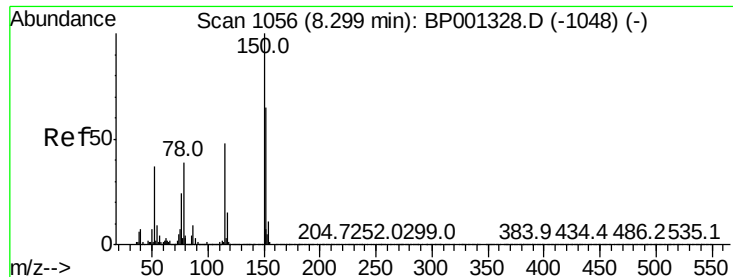
Instrument :
BNA_P
ClientSampleId :
SB-1-(0-2)

Quant Time: Dec 25 08:08:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BP001401.D

Acq: 24 Dec 2019 22:34

Instrument :

BNA_P

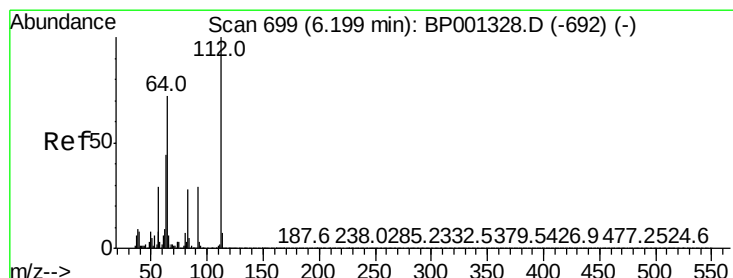
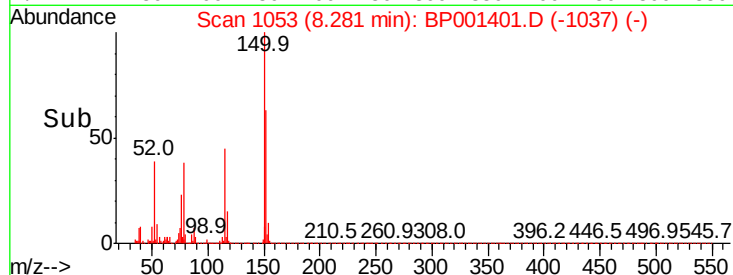
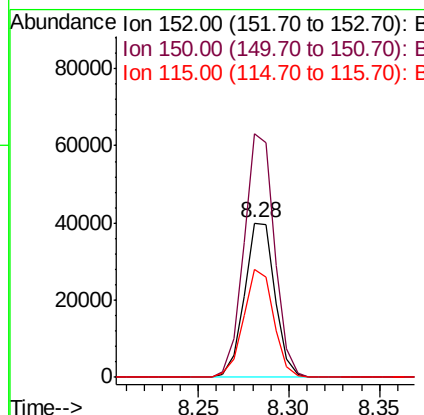
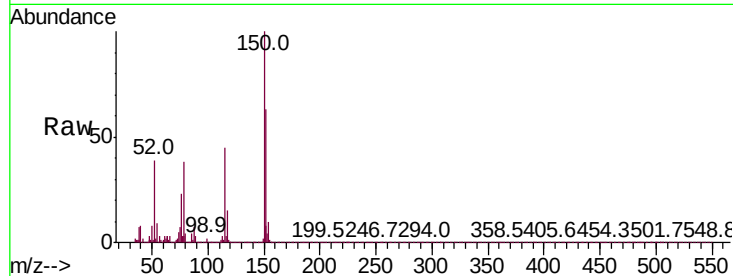
ClientSampleId :

SB-1-(0-2)

Tot Ion:	152	Resp:	46714
Ion Ratio	Lower	Upper	
152	100		
150	158.0	127.0	190.6
115	70.5	56.1	84.1

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#5

2-Fluorophenol

Concen: 97.322 ng

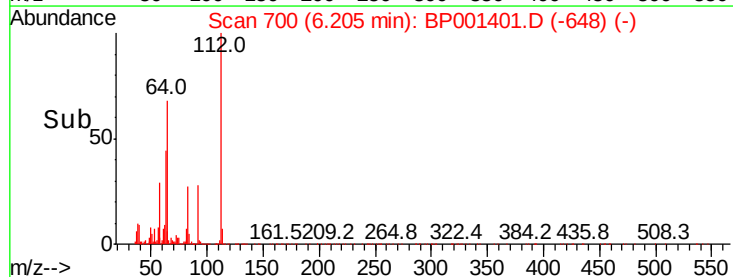
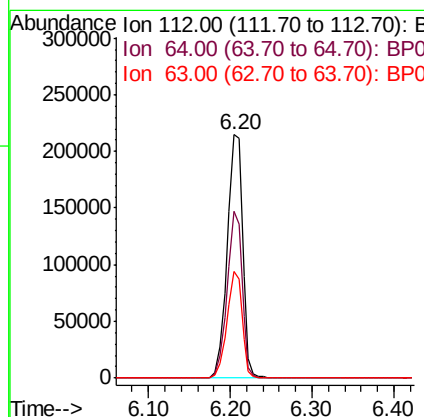
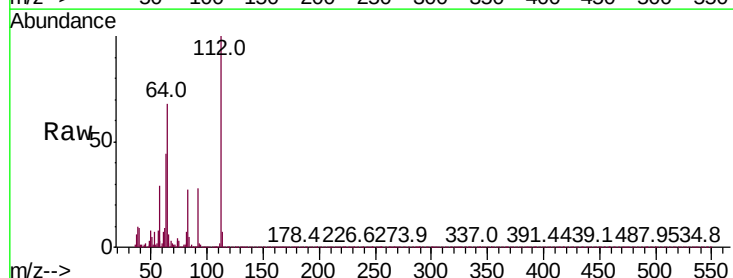
RT: 6.20 min Scan# 700

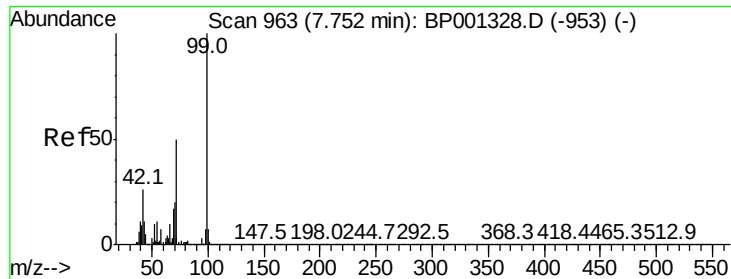
Delta R.T. 0.01 min

Lab File: BP001401.D

Acq: 24 Dec 2019 22:34

Tgt Ion:	112	Resp:	281298
Ion Ratio	Lower	Upper	
112	100		
64	68.3	53.9	80.9
63	43.6	33.4	50.0





#7

Phenol-d6

Concen: 104.730 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BP001401.D

Acq: 24 Dec 2019 22:34

Instrument :

BNA_P

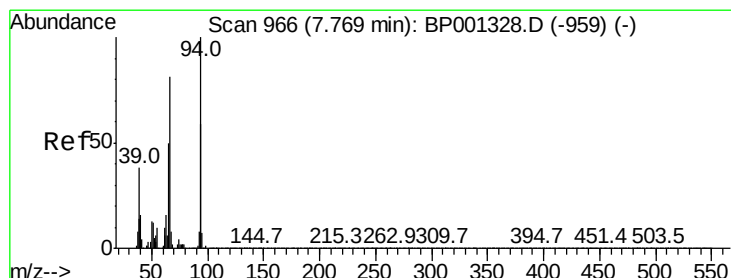
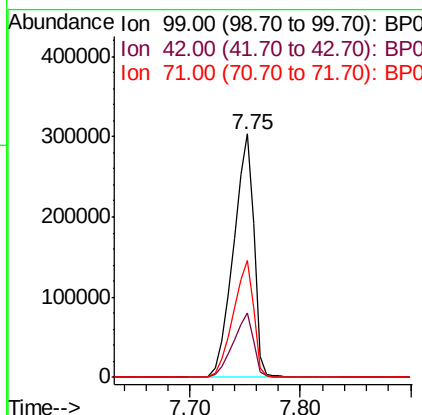
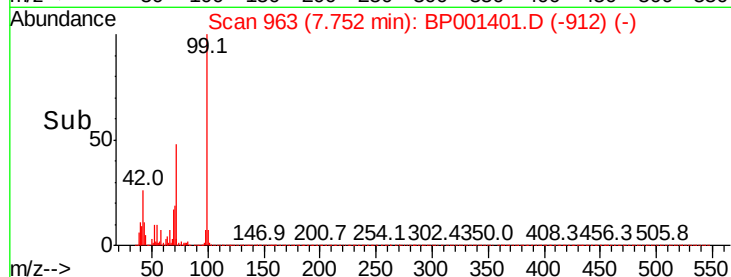
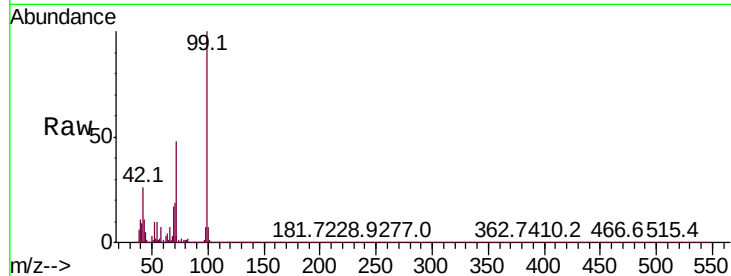
ClientSampleId :

SB-1(0-2)

Tot Ion:	99	Resp:	394995
Ion Ratio	Lower	Upper	
99	100		
42	26.3	20.8	31.2
71	47.8	38.2	57.4

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#10

Phenol

Concen: 3.052 ng

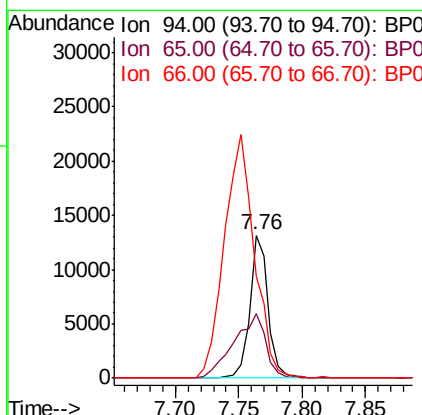
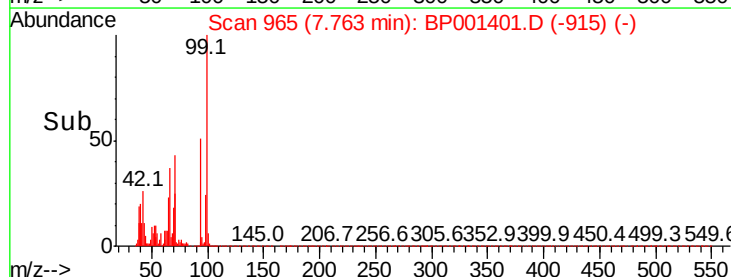
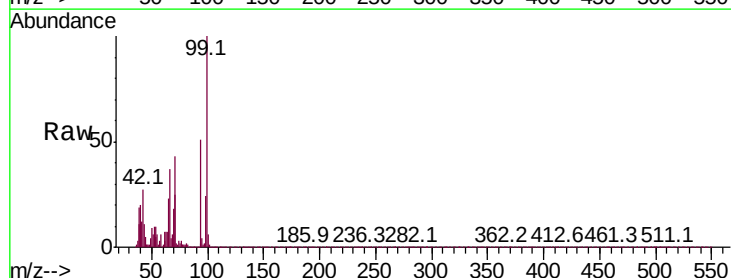
RT: 7.76 min Scan# 965

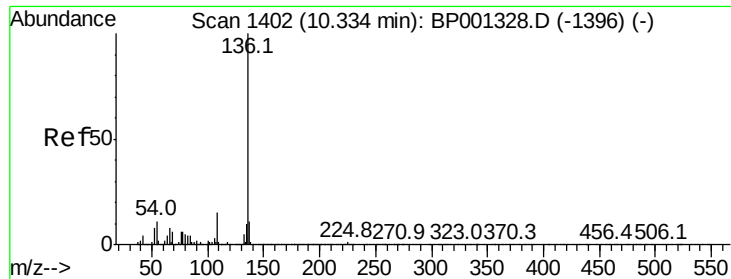
Delta R.T. -0.01 min

Lab File: BP001401.D

Acq: 24 Dec 2019 22:34

Tgt Ion:	94	Resp:	13154
Ion Ratio	Lower	Upper	
94	100		
65	45.1	29.6	69.6
66	71.4	62.3	102.3





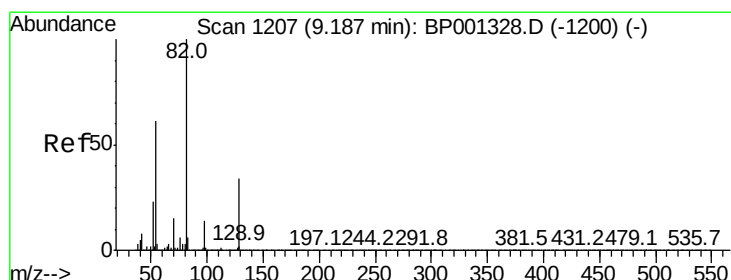
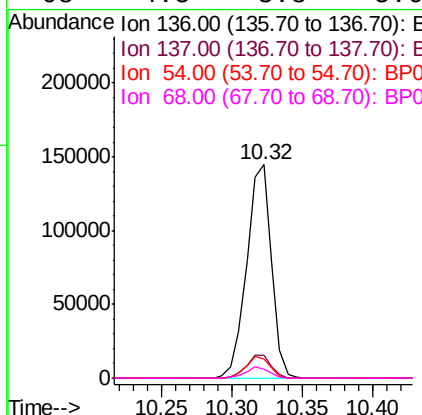
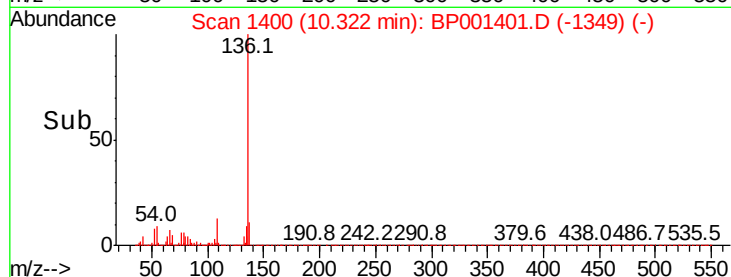
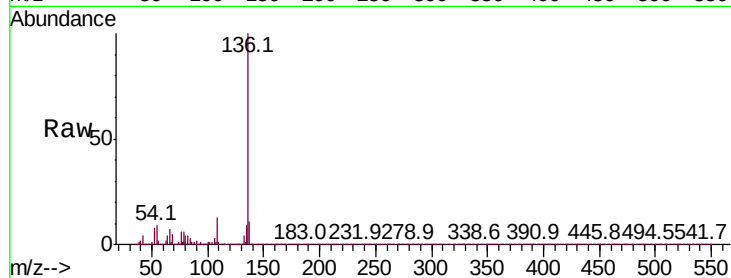
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BP001401.D
Acq: 24 Dec 2019 22:34

Instrument :
BNA_P
ClientSampleId :
SB-1-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.0	13.4	
54	9.1	7.3	10.9	
68	4.5	3.8	5.6	

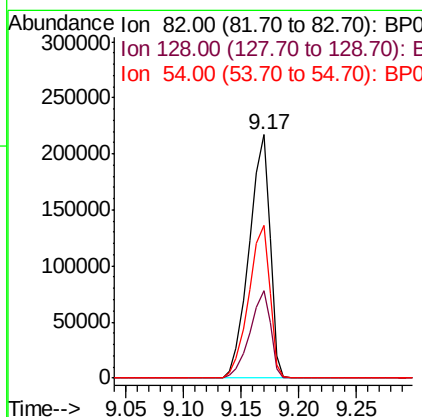
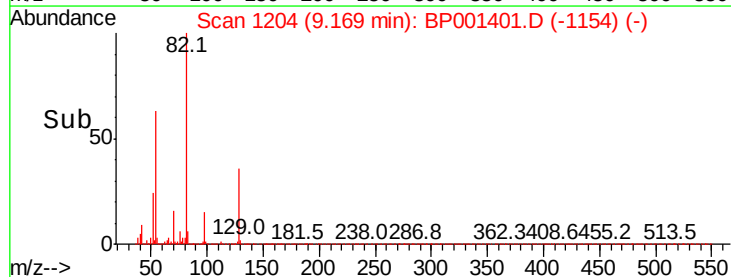
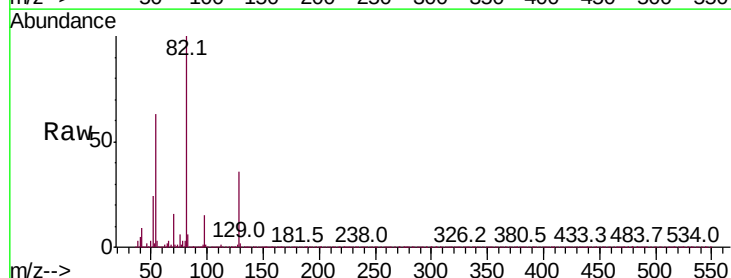
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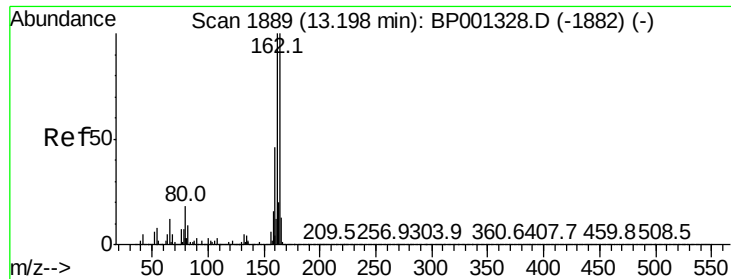
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#23
Nitrobenzene-d5
Concen: 58.938 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001401.D
Acq: 24 Dec 2019 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.9	27.4	41.0	
54	63.0	47.5	71.3	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BP001401.D

Acq: 24 Dec 2019 22:34

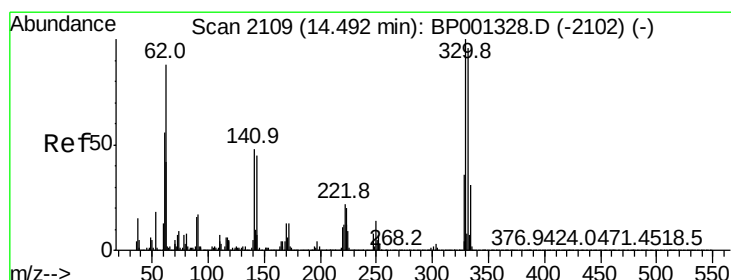
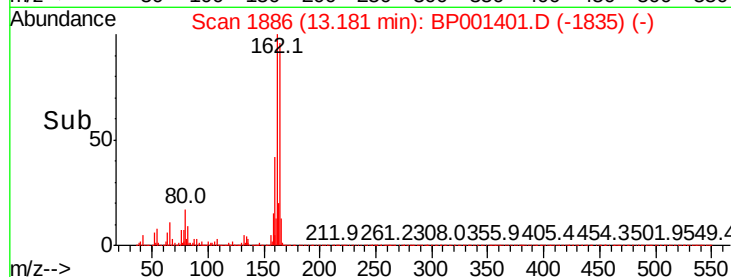
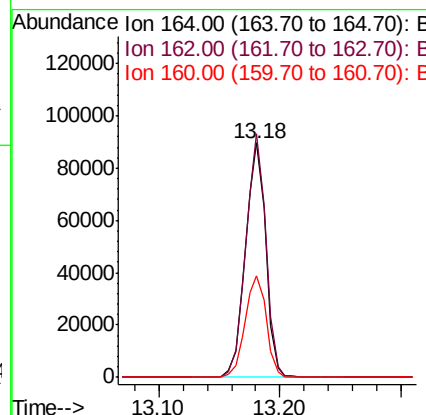
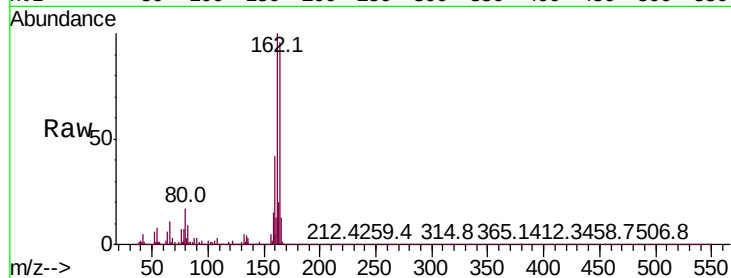
Instrument :
BNA_P

ClientSampleId :
SB-1(0-2)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.2	117.4
160	43.3	35.1	52.7

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#42

2,4,6-Tribromophenol

Concen: 83.680 ng

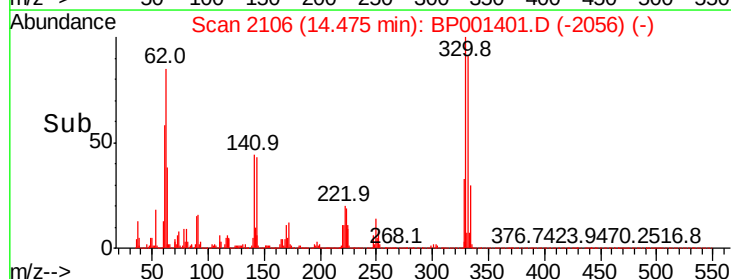
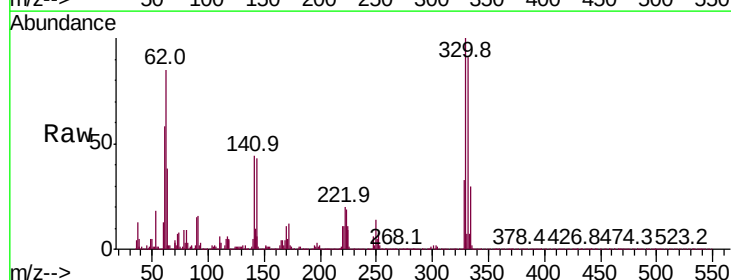
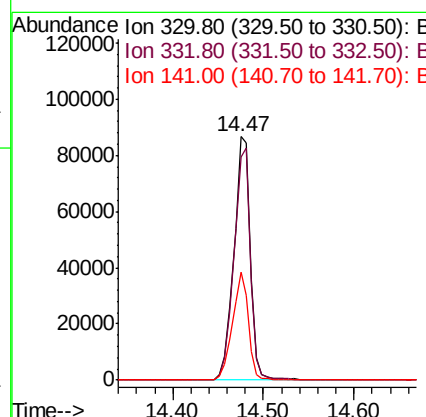
RT: 14.47 min Scan# 2106

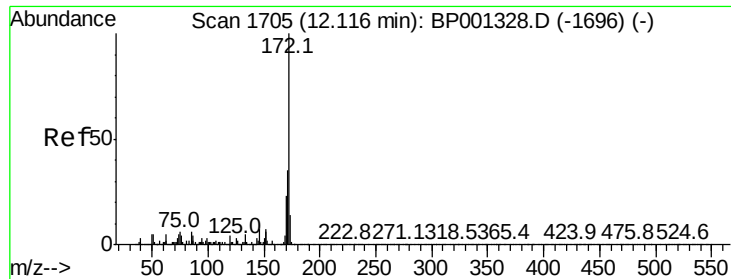
Delta R.T. -0.01 min

Lab File: BP001401.D

Acq: 24 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.3	117.5
141	42.7	26.8	40.2#





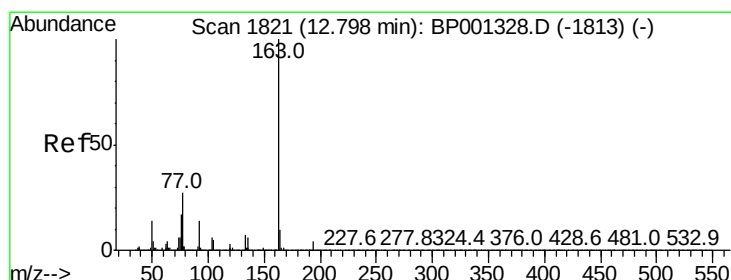
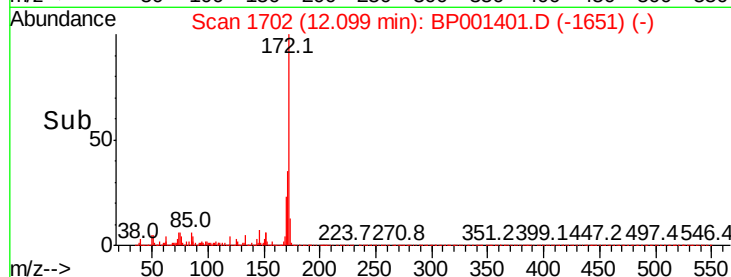
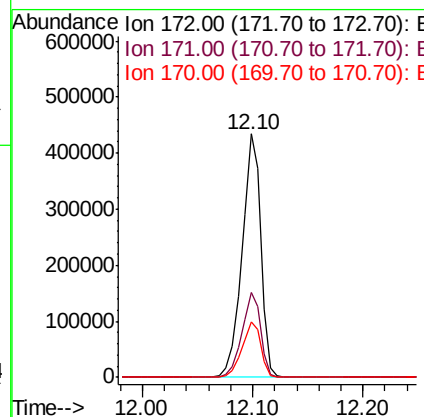
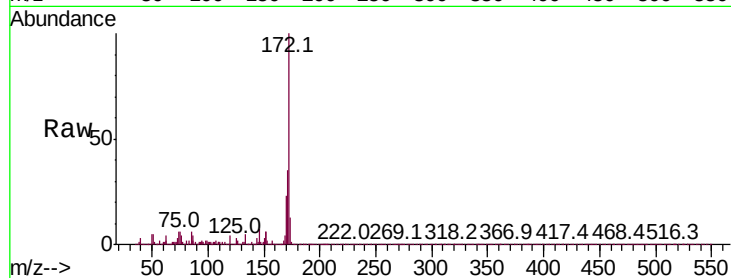
#45
2-Fluorobiphenyl
Concen: 62.044 ng
RT: 12.10 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BP001401.D
Acq: 24 Dec 2019 22:34

Instrument :
BNA_P
ClientSampleId :
SB-1-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.6		27.4	41.0
170	22.8		18.2	27.4

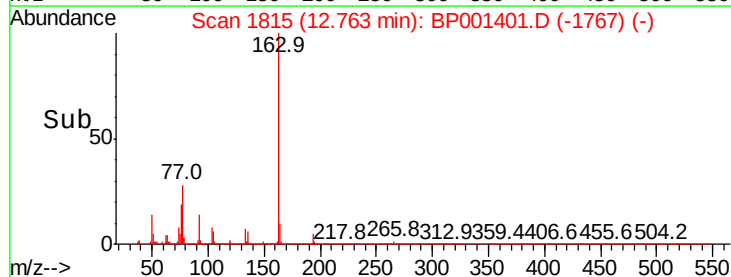
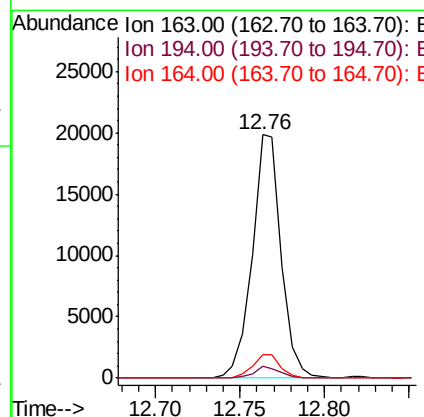
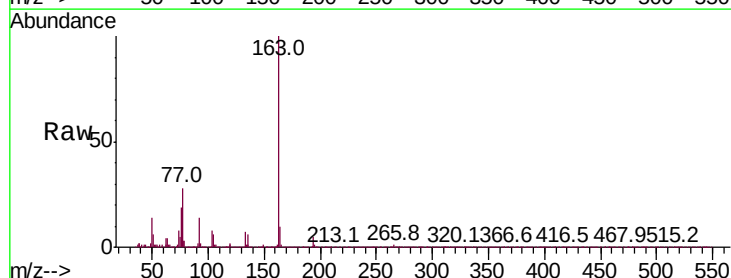
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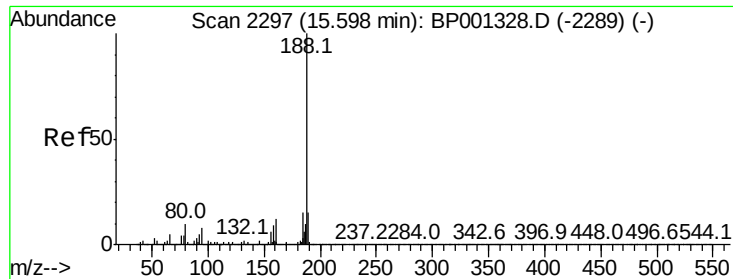
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#50
Dimethylphthalate
Concen: 2.743 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BP001401.D
Acq: 24 Dec 2019 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.7		3.2	4.8
164	9.7		7.7	11.5





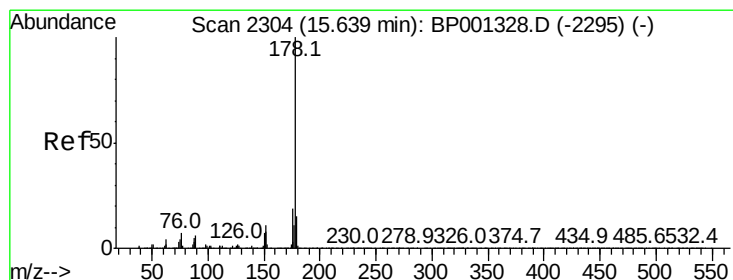
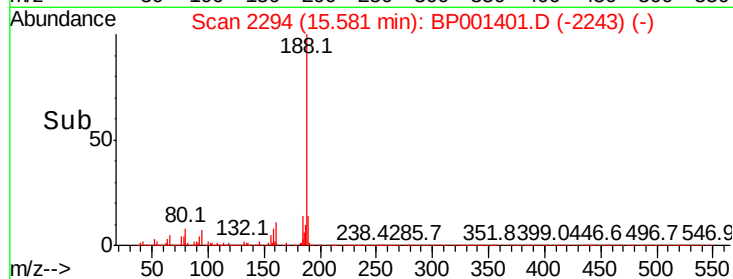
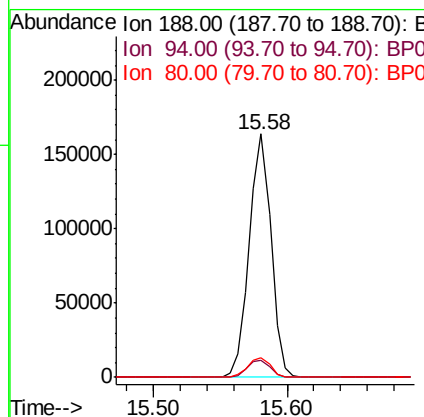
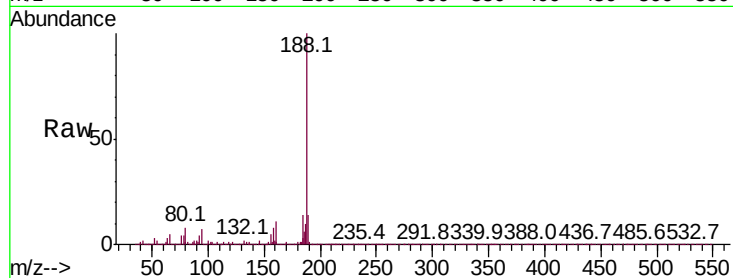
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BP001401.D
Acq: 24 Dec 2019 22:34

Instrument :
BNA_P
ClientSampleId :
SB-1-(0-2)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.0	5.8	8.8
80	8.1	5.7	8.5

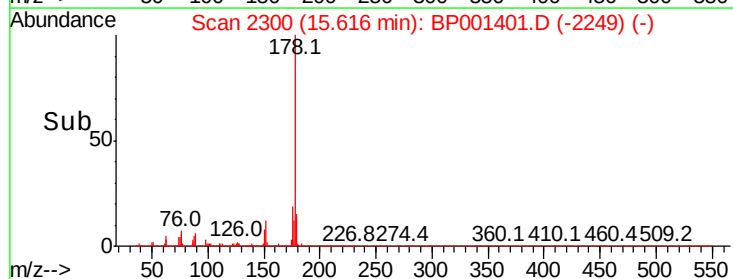
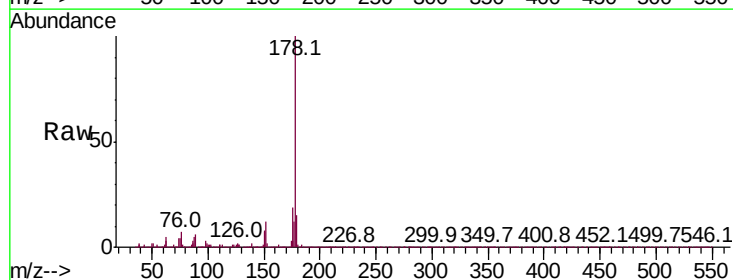
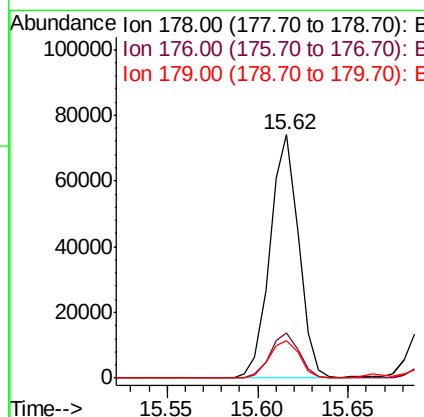
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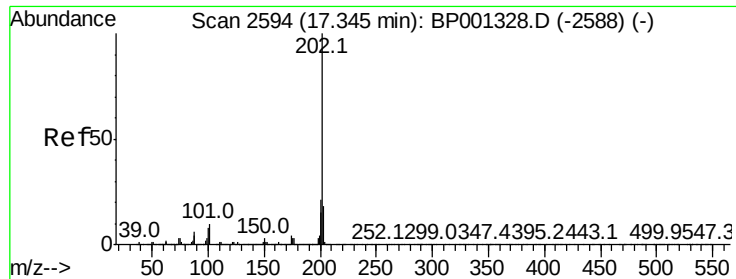
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#71
Phenanthrene
Concen: 7.749 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BP001401.D
Acq: 24 Dec 2019 22:34

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.4	12.2	18.2





#75

Fluoranthene

Concen: 13.248 ng

RT: 17.33 min Scan# 2591

Delta R.T. 0.00 min

Lab File: BP001401.D

Acq: 24 Dec 2019 22:34

Instrument :

BNA_P

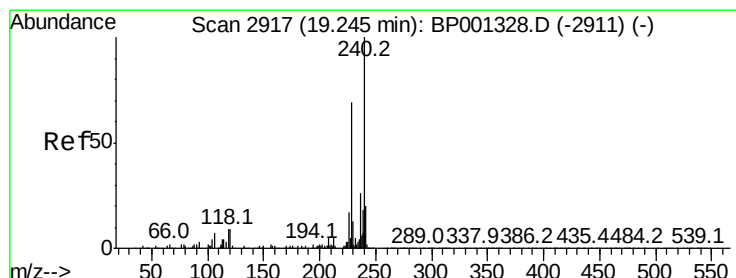
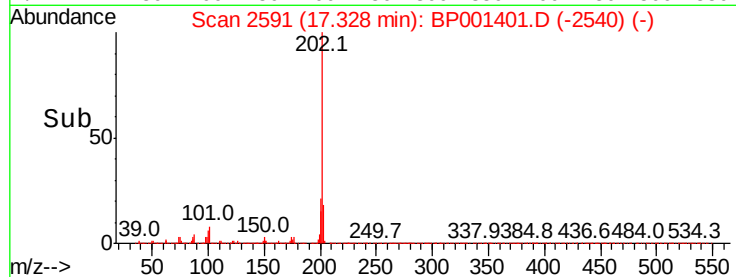
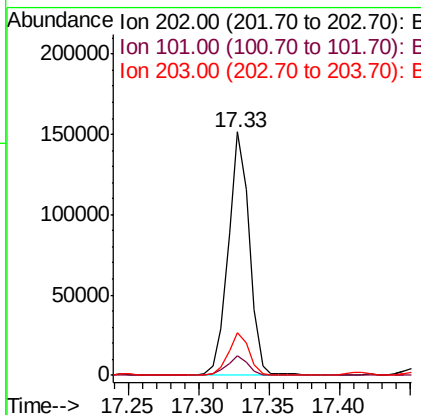
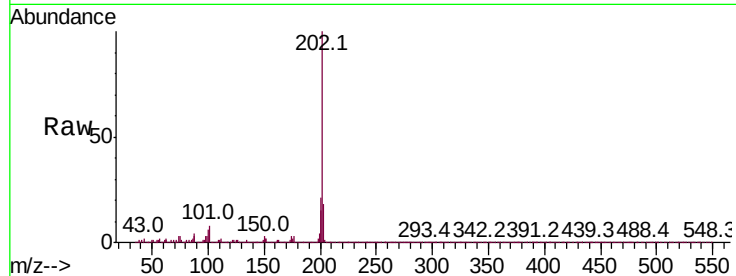
ClientSampleId :

SB-1-(0-2)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.2	0.0	28.7
203	17.7	0.0	37.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

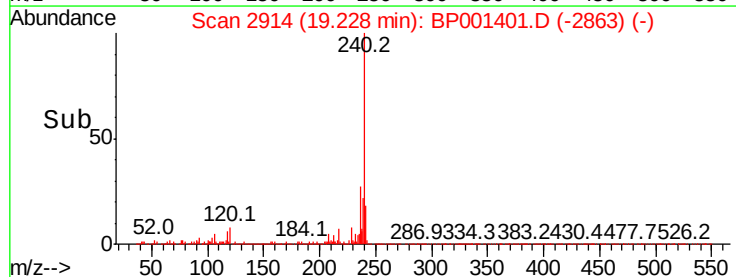
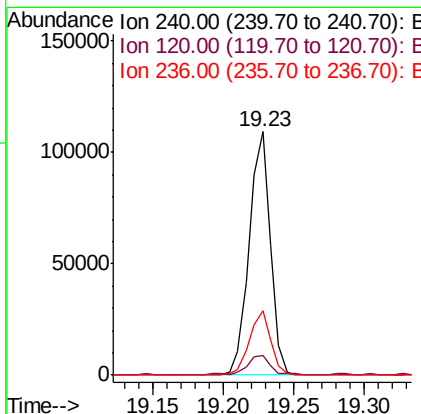
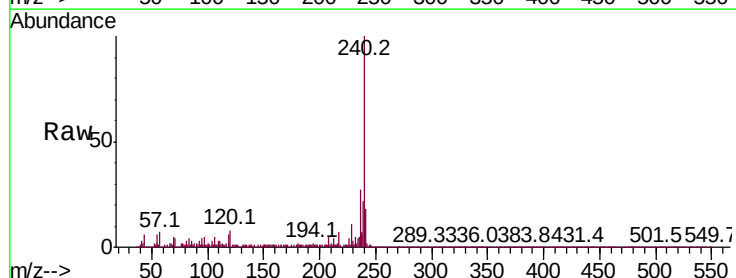
RT: 19.23 min Scan# 2914

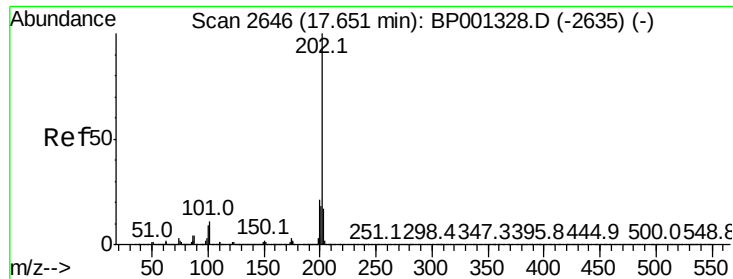
Delta R.T. 0.00 min

Lab File: BP001401.D

Acq: 24 Dec 2019 22:34

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.1	6.2	9.2
236	26.7	20.2	30.2





#78

Pvrene

Concen: 15.954 ng

RT: 17.63 min Scan# 2643

Delta R.T. 0.00 min

Lab File: BP001401.D

Acq: 24 Dec 2019 22:34

Instrument :

BNA_P

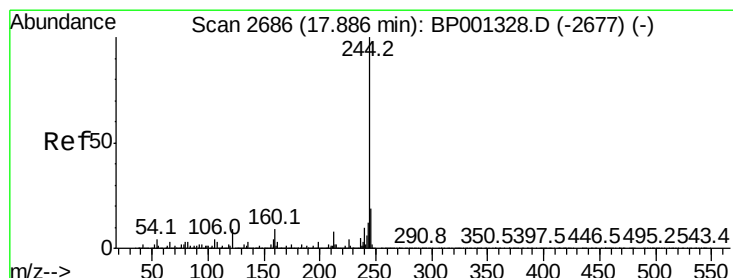
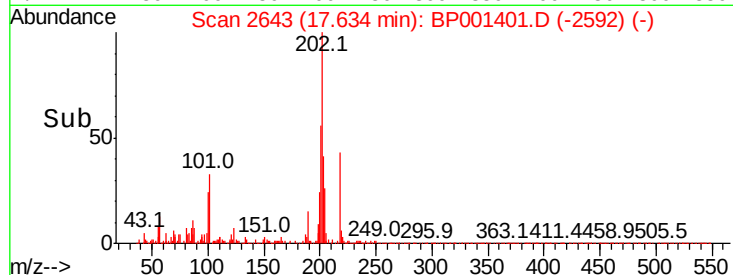
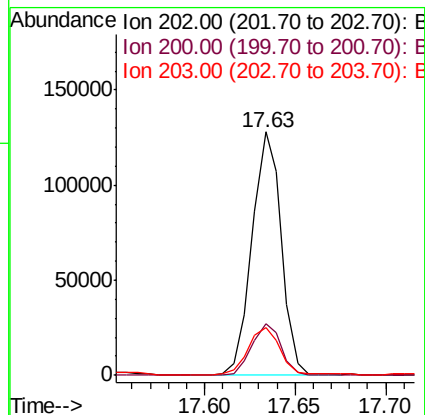
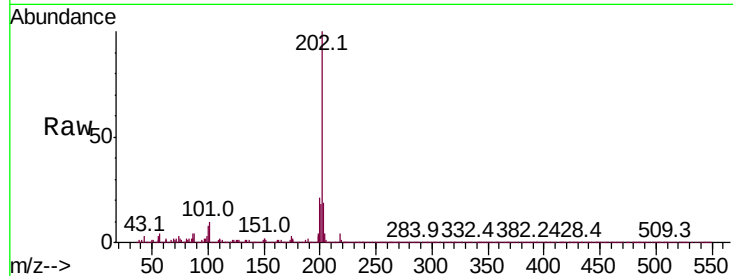
ClientSampleId :

SB-1-(0-2)

Tot Ion:	202	Resp:	143122
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.6	25.0
203	19.5	14.3	21.5

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#79

Terphenyl-d14

Concen: 66.957 ng

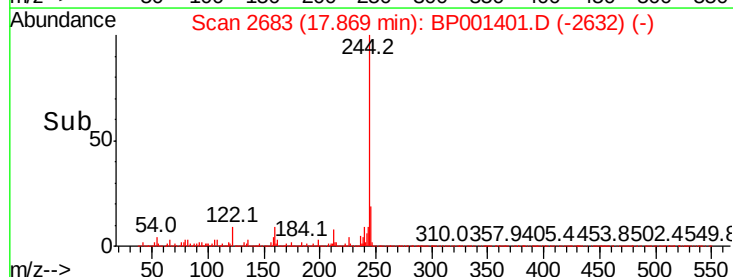
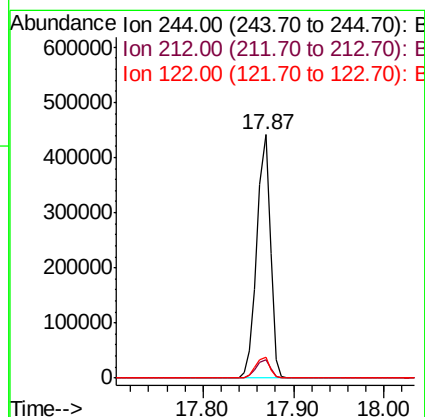
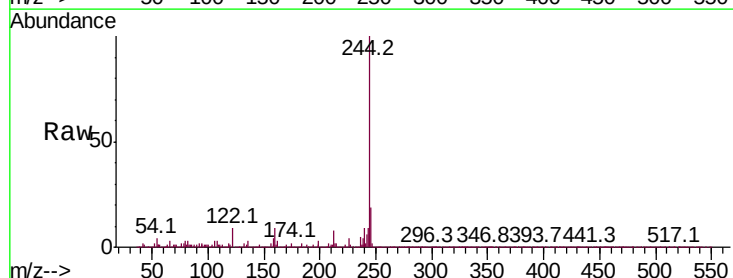
RT: 17.87 min Scan# 2683

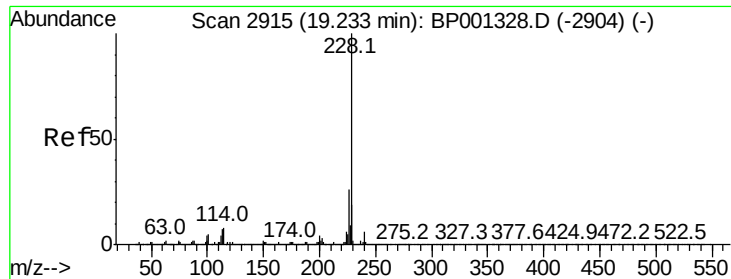
Delta R.T. 0.00 min

Lab File: BP001401.D

Acq: 24 Dec 2019 22:34

Tgt Ion:	244	Resp:	451677
Ion Ratio	Lower	Upper	
244	100		
212	7.8	5.8	8.8
122	8.7	6.4	9.6





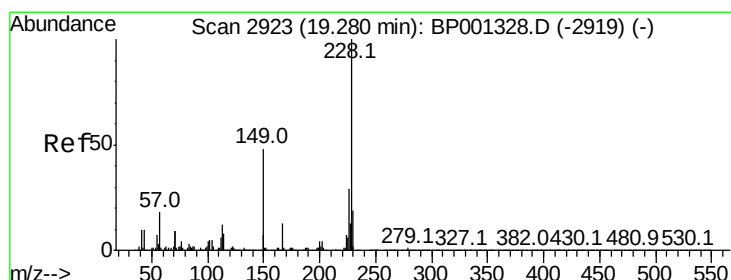
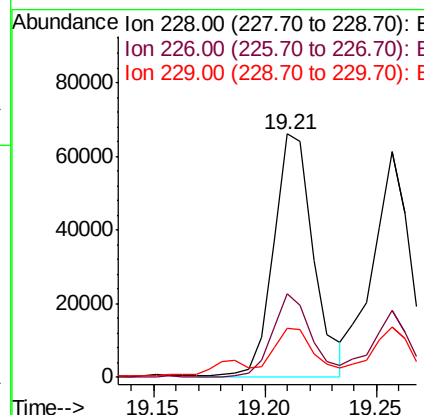
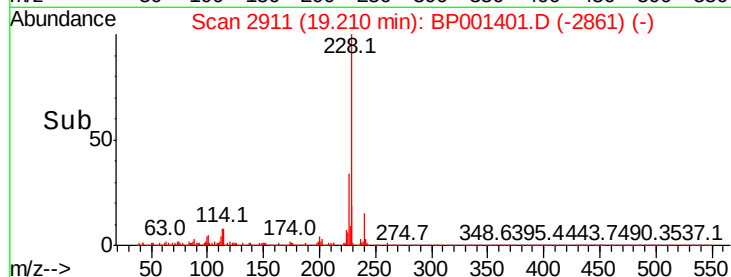
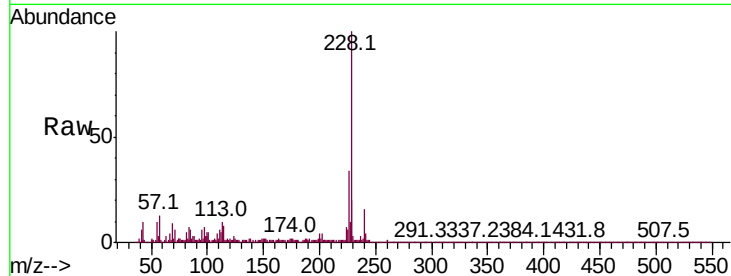
#81
Benzo(a)anthracene
Concen: 9.894 ng m
RT: 19.21 min Scan# 2911
Delta R.T. -0.01 min
Lab File: BP001401.D
Acq: 24 Dec 2019 22:34

Instrument :
BNA_P
ClientSampleId :
SB-1-(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.1	21.4	32.2#
229	20.2	15.7	23.5

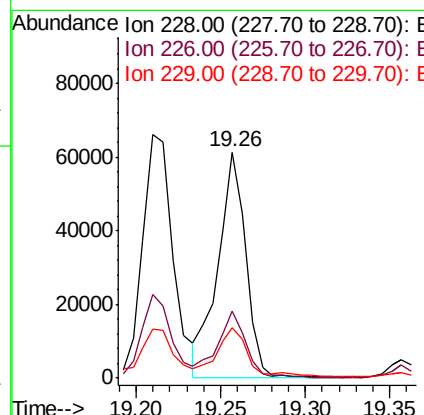
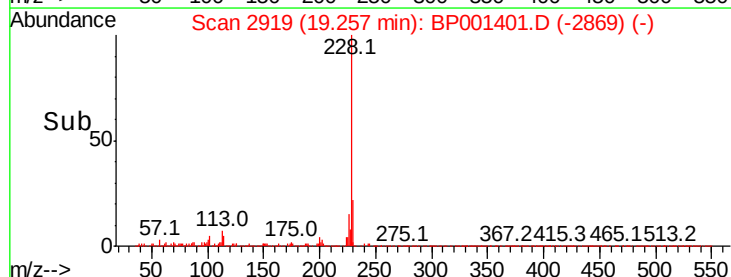
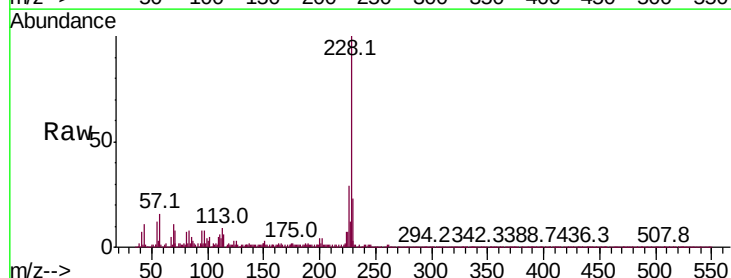
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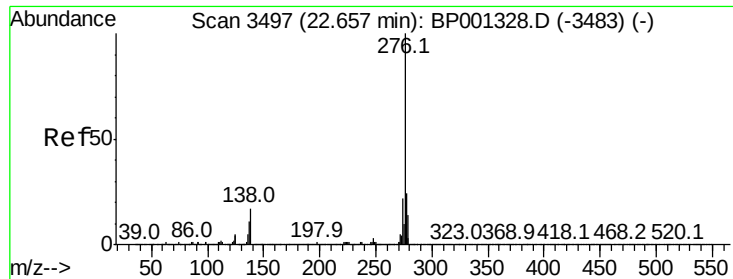
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#83
Chrysene
Concen: 8.630 ng
RT: 19.26 min Scan# 2919
Delta R.T. -0.01 min
Lab File: BP001401.D
Acq: 24 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	22.5	15.5	23.3





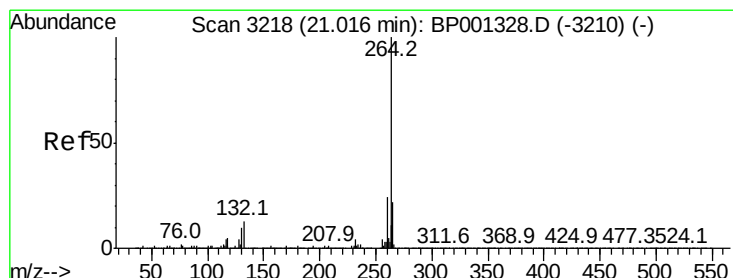
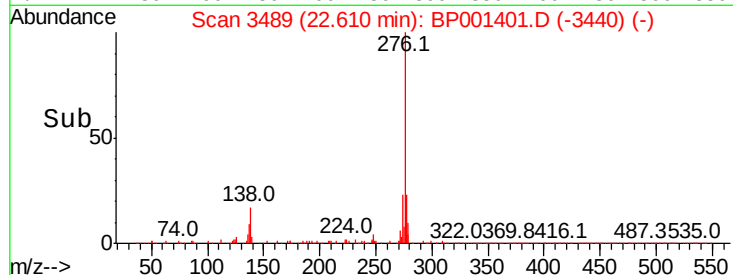
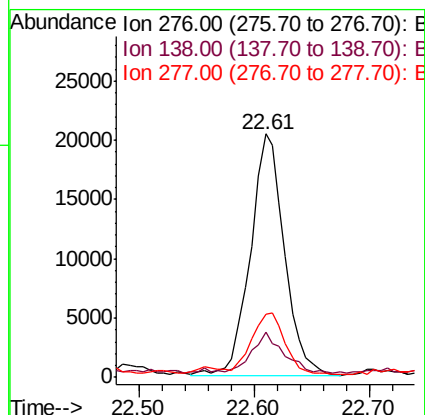
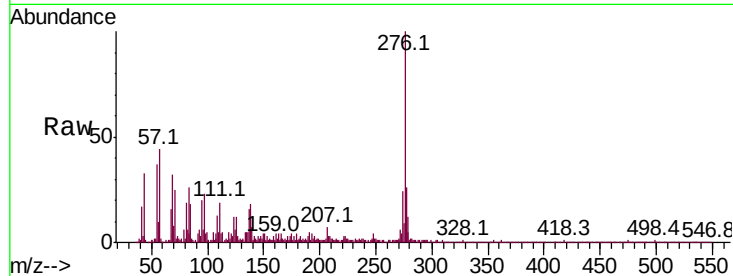
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 4.722 ng
 RT: 22.61 min Scan# 3489
 Delta R.T. -0.01 min
 Lab File: BP001401.D
 Acq: 24 Dec 2019 22:34

Instrument :
 BNA_P
 ClientSampled :
 SB-1-(0-2)

Tot Ion:	276	Resp:	41440
Ion Ratio	Lower	Upper	
276	100		
138	15.6	12.8	19.2
277	25.0	19.9	29.9

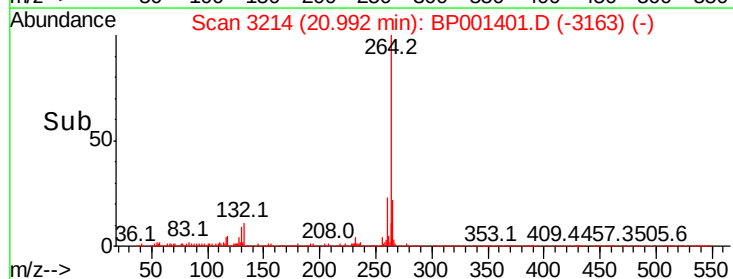
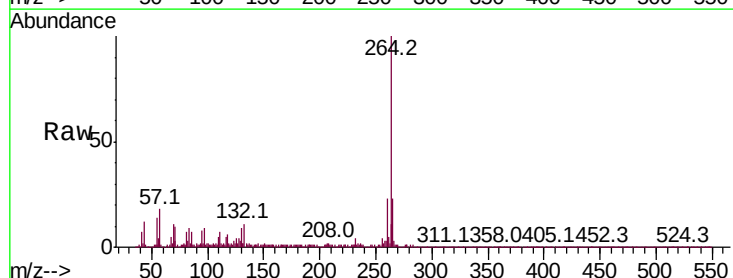
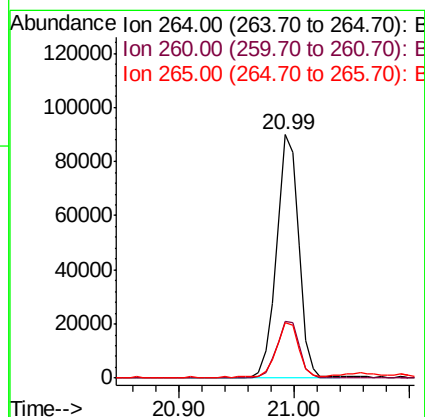
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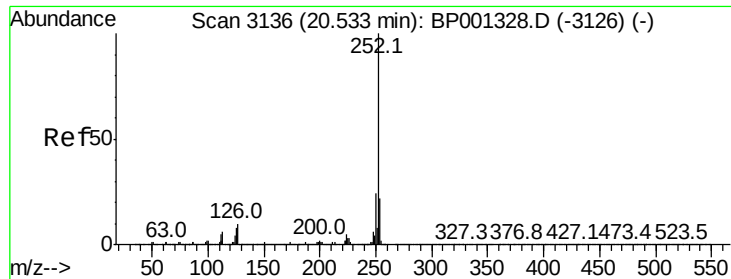
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.99 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: BP001401.D
 Acq: 24 Dec 2019 22:34

Tgt Ion:	264	Resp:	120207
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.0	28.4
265	22.7	17.0	25.4





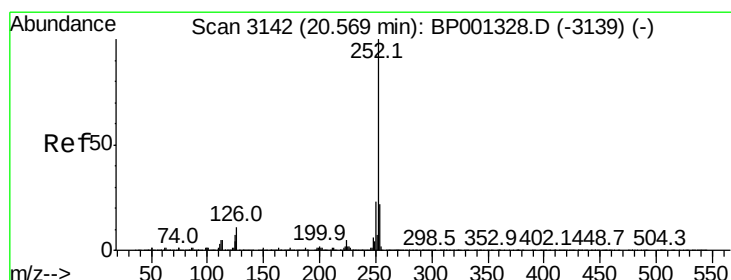
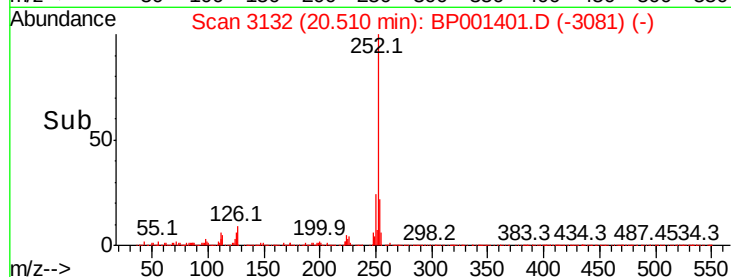
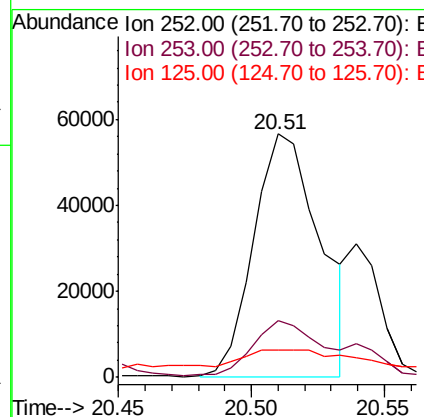
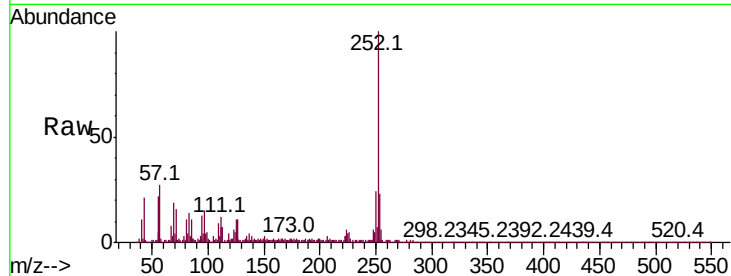
#88
Benzo(b)fluoranthene
Concen: 12.483 ng m
RT: 20.51 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BP001401.D
Acq: 24 Dec 2019 22:34

Instrument :
BNA_P
ClientSampled :
SB-1(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	11.5	5.6	8.4

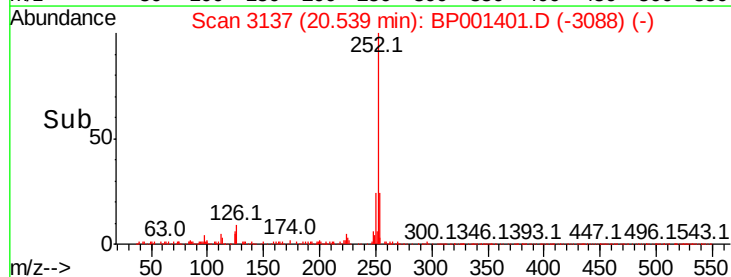
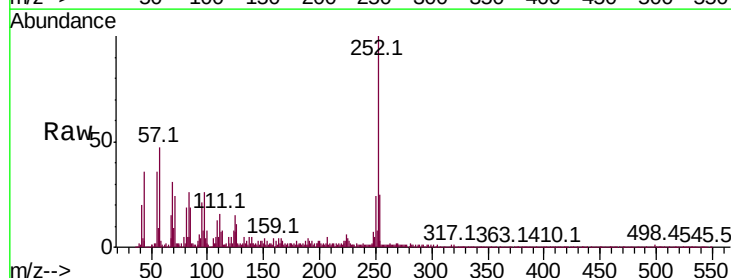
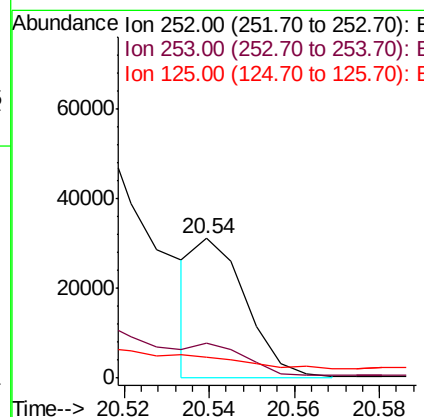
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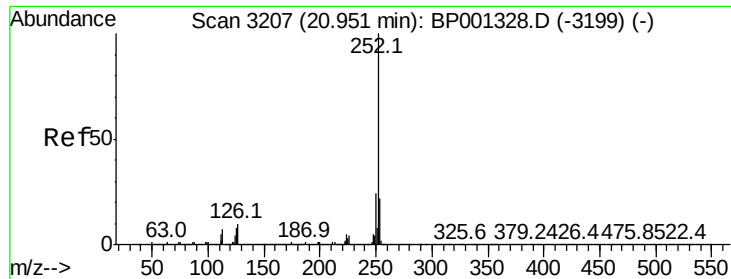
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#89
Benzo(k)fluoranthene
Concen: 3.431 ng m
RT: 20.54 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BP001401.D
Acq: 24 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.2
125	14.6	4.5	6.7





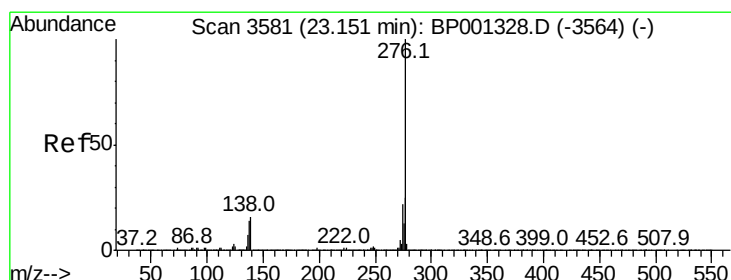
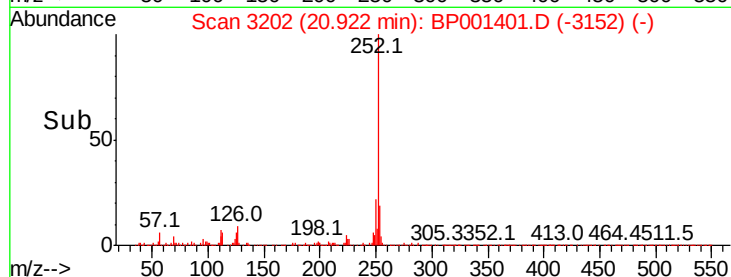
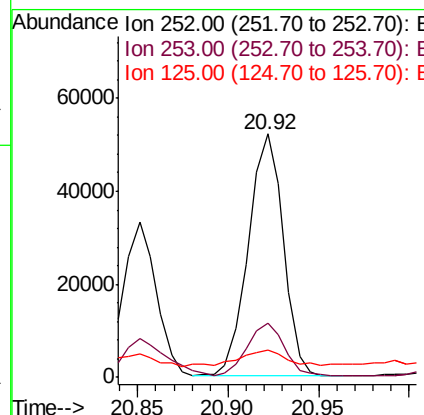
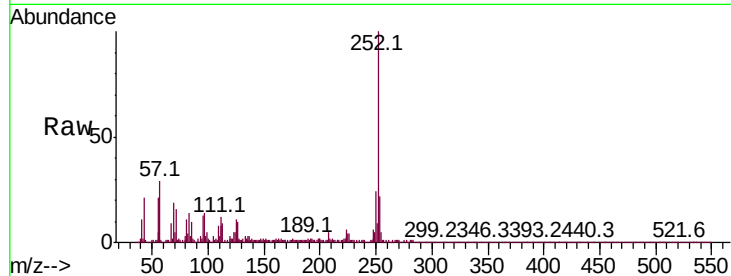
#90
Benzo(a)pyrene
Concen: 9.750 ng
RT: 20.92 min Scan# 3202
Delta R.T. -0.01 min
Lab File: BP001401.D
Acq: 24 Dec 2019 22:34

Instrument :
BNA_P
ClientSampled :
SB-1(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.3	5.2	7.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.593 ng
RT: 23.09 min Scan# 3571
Delta R.T. -0.02 min
Lab File: BP001401.D
Acq: 24 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.3	18.6	27.8
138	14.4	10.5	15.7

