

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
 Data File : BP001233.D
 Acq On : 06 Dec 2019 16:54
 Operator : JU
 Sample : K6119-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 12/9/2019 3:10:37 PM

Quant Time: Dec 07 00:52:21 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	71860	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	267598	20.00	ng	-0.02
39) Acenaphthene-d10	13.20	164	162192	20.00	ng	-0.01
64) Phenanthrene-d10	15.59	188	326305	20.00	ng	-0.02
76) Chrysene-d12	19.23	240	260670	20.00	ng	-0.02
87) Perylene-d12	21.00	264	266591	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	454211	104.87	ng	0.00
7) Phenol-d6	7.75	99	634547	109.97	ng	-0.01
23) Nitrobenzene-d5	9.18	82	436533	70.78	ng	-0.02
42) 2,4,6-Tribromophenol	14.49	330	181644	116.84	ng	-0.02
45) 2-Fluorobiphenyl	12.12	172	685289	61.84	ng	-0.02
79) Terphenyl-d14	17.87	244	850109	60.34	ng	-0.02
Target Compounds						
10) Phenol	7.77	94	18127	2.762	ng	79
50) Dimethylphthalate	12.78	163	86534	7.134	ng	98
71) Phenanthrene	15.63	178	142748	8.321	ng	99
75) Fluoranthene	17.34	202	264356	14.556	ng	98
78) Pyrene	17.65	202	226181	11.017	ng	99
81) Benzo(a)anthracene	19.22	228	120947	6.692	ng	98
83) Chrysene	19.26	228	115120	7.113	ng	99
86) Indeno(1,2,3-cd)pyrene	22.62	276	73966	3.878	ng	96
88) Benzo(b)fluoranthene	20.52	252	165293m	10.151	ng	
89) Benzo(k)fluoranthene	20.55	252	42122m	2.686	ng	
90) Benzo(a)pyrene	20.93	252	106225	7.082	ng	97
92) Benzo(a,h,i)perylene	23.10	276	69832	4.818	ng	96

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

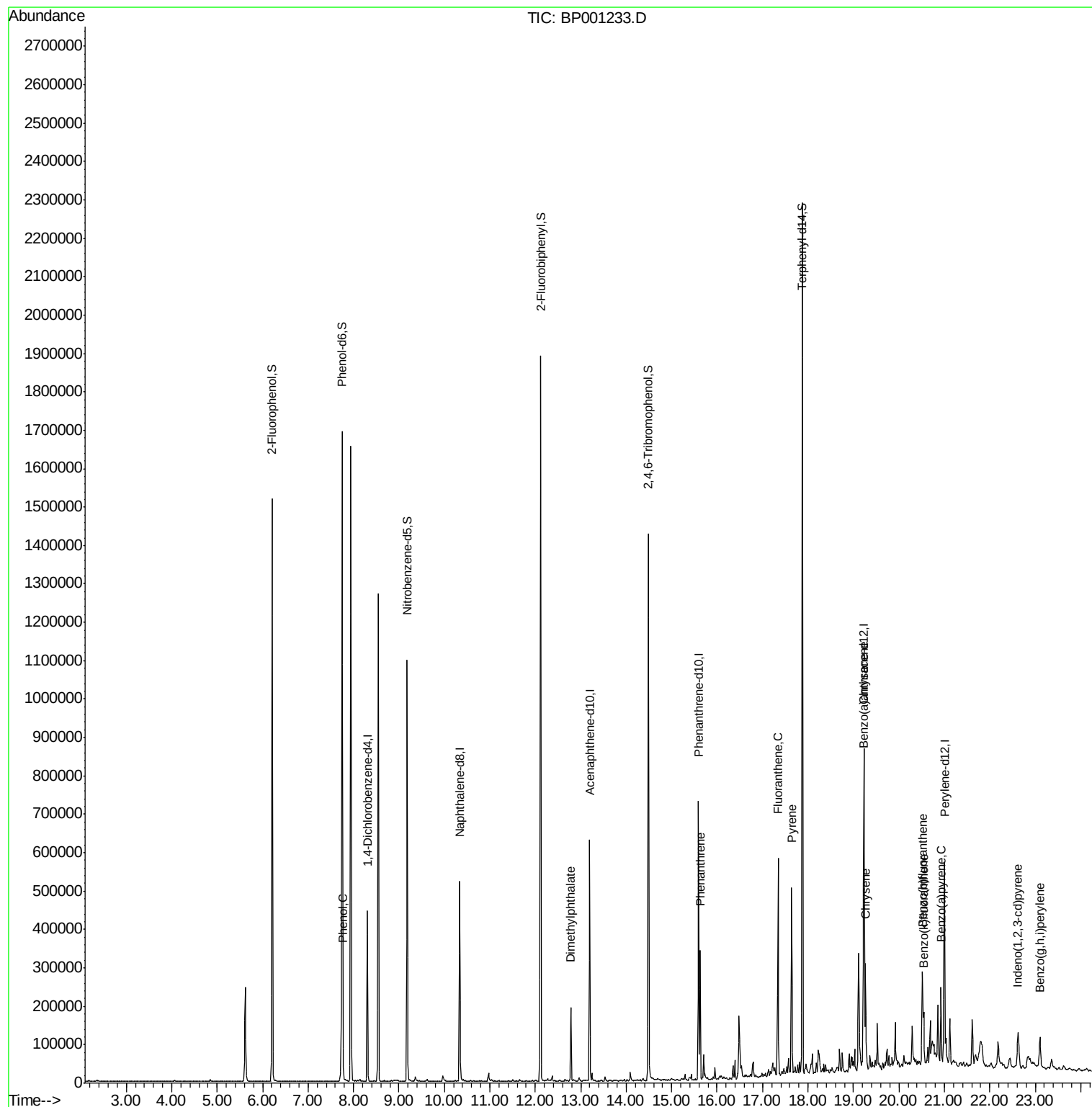
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001233.D
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ALS Vial : 8 Sample Multiplier: 1

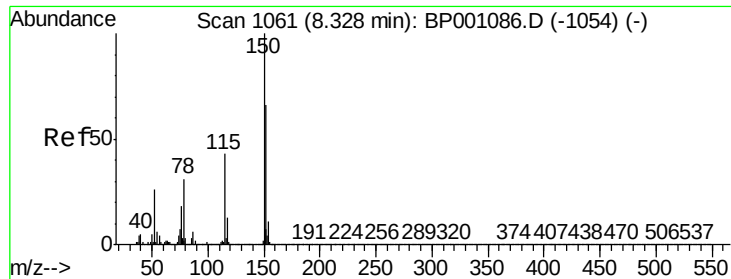
Instrument :
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ClientSampleId :
SB-2-(0-2)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
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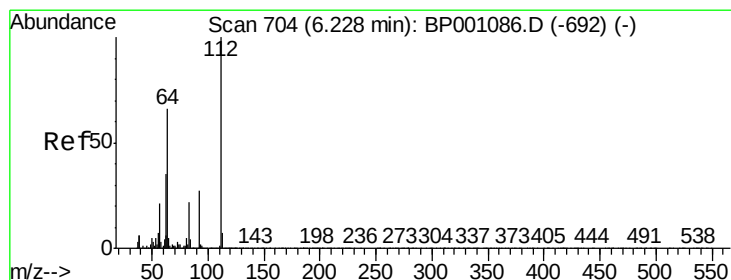
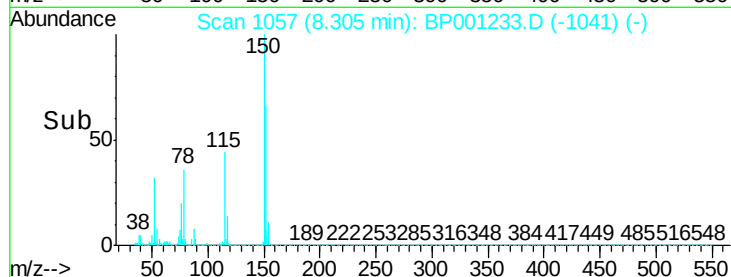
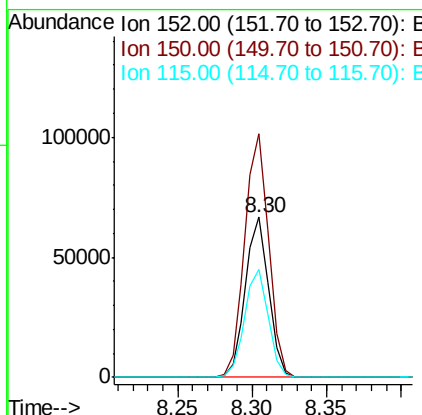
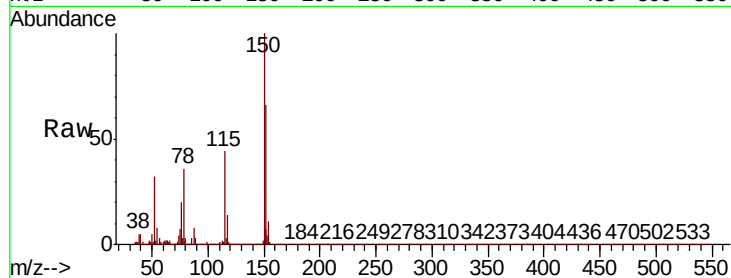
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BP001233.D
Acq: 06 Dec 2019 16:54

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	127.3	190.9
115	67.6	56.0	84.0

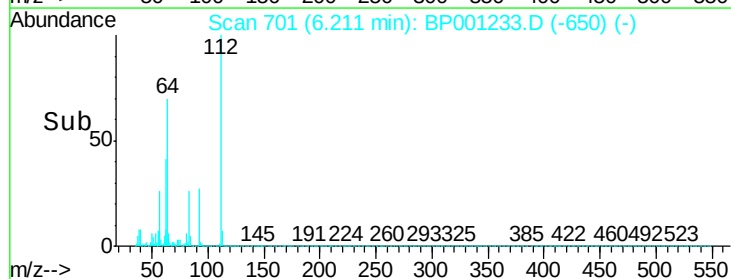
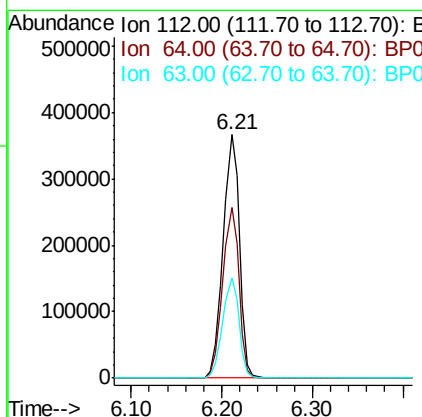
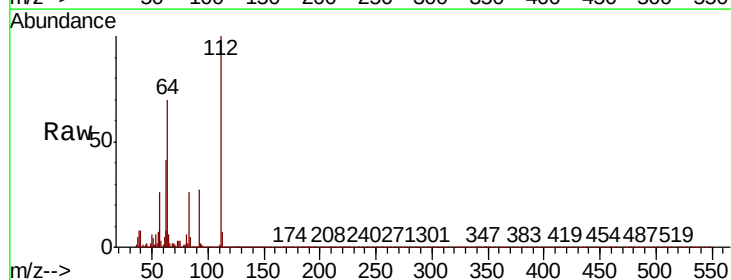
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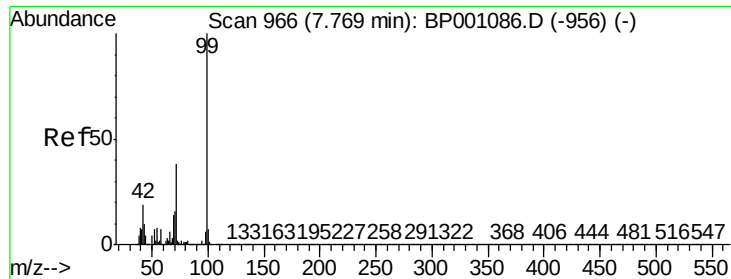
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#5
2-Fluorophenol
Concen: 104.867 ng
RT: 6.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BP001233.D
Acq: 06 Dec 2019 16:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.8	85.2
63	40.9	32.2	48.2





#7

Phenol-d6

Concen: 109.966 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BP001233.D

Acq: 06 Dec 2019 16:54

Instrument :

BNA_P

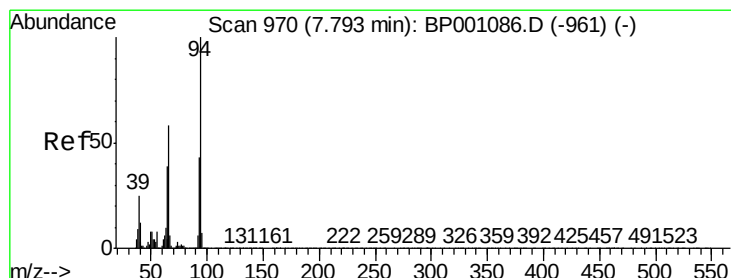
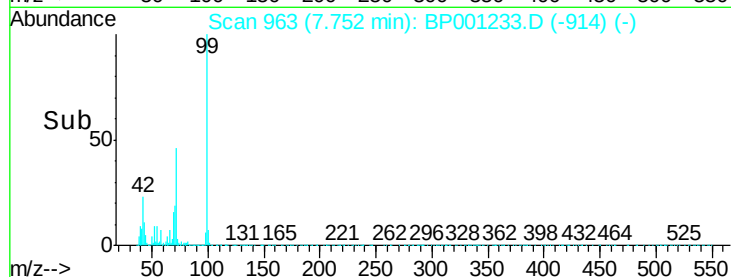
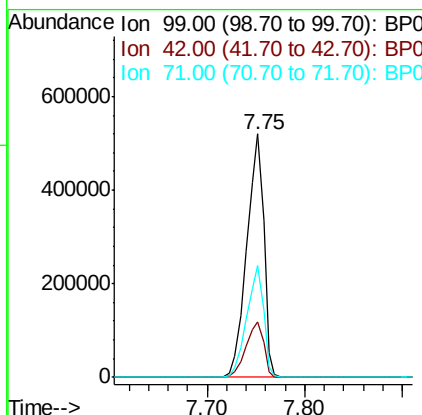
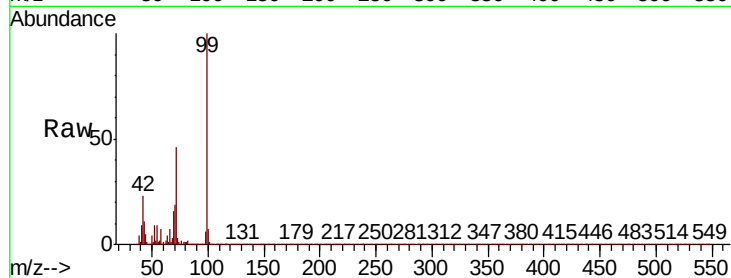
ClientSampleId :

SB-2-(0-2)

Tot Ion:	99	Resp:	634547
Ion Ratio	Lower	Upper	
99	100		
42	22.9	17.6	26.4
71	45.7	33.8	50.8

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#10

Phenol

Concen: 2.762 ng

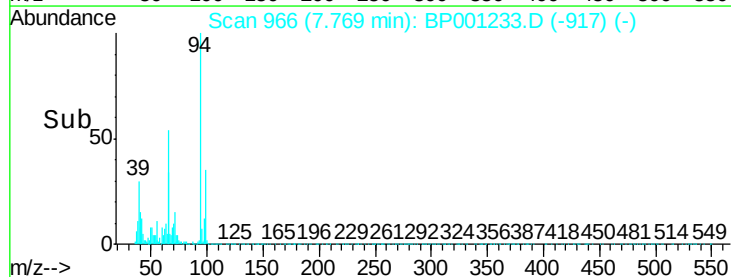
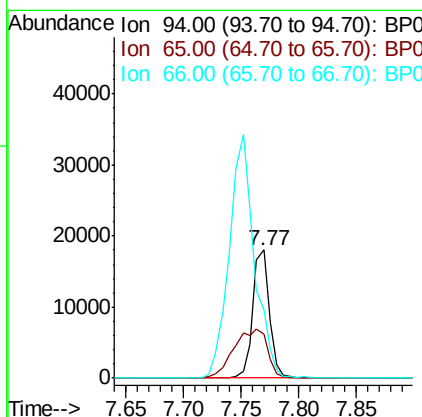
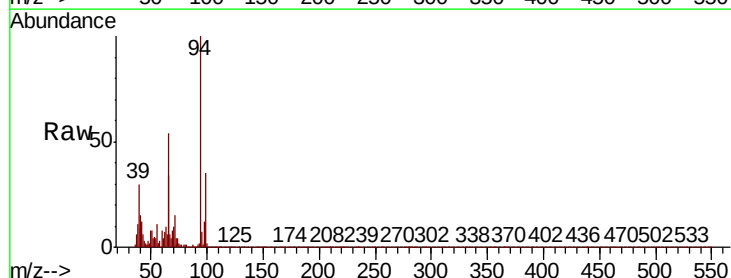
RT: 7.77 min Scan# 966

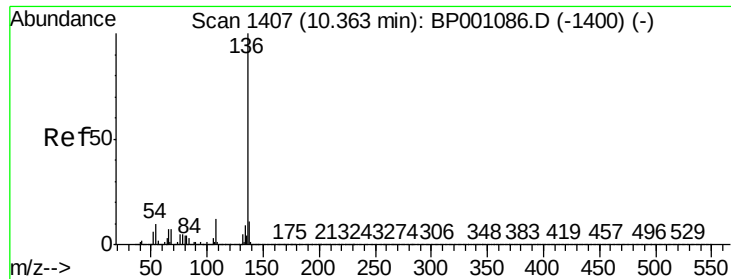
Delta R.T. -0.01 min

Lab File: BP001233.D

Acq: 06 Dec 2019 16:54

Tgt Ion:	94	Resp:	18127
Ion Ratio	Lower	Upper	
94	100		
65	34.2	25.6	65.6
66	53.7	52.6	92.6





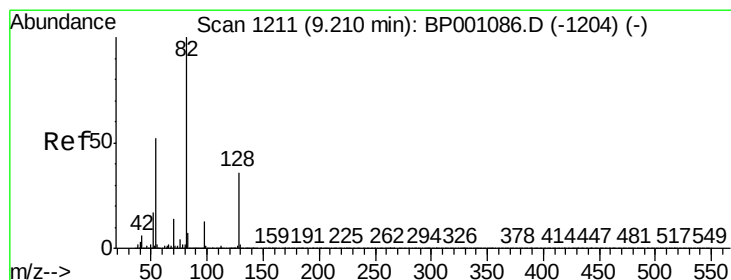
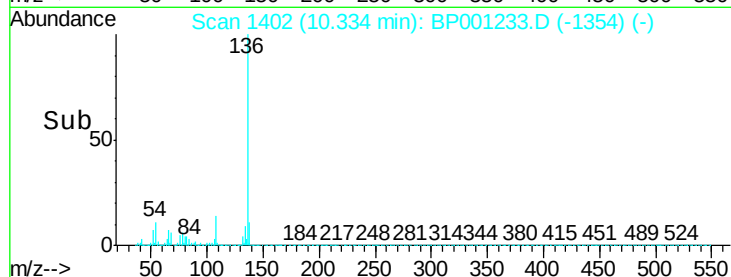
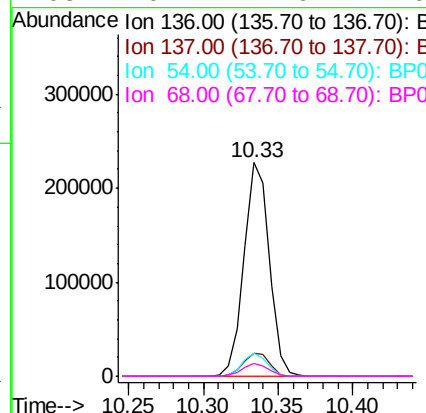
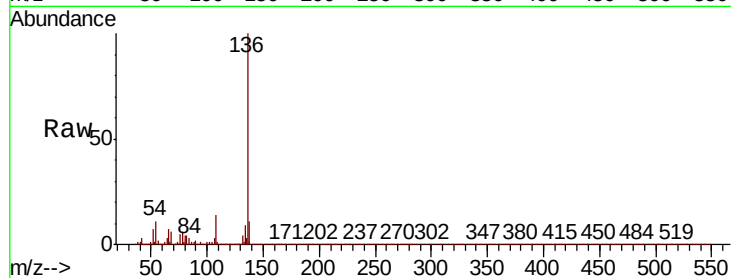
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BP001233.D
Acq: 06 Dec 2019 16:54

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

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.7	7.4	11.0
68	6.2	4.6	7.0

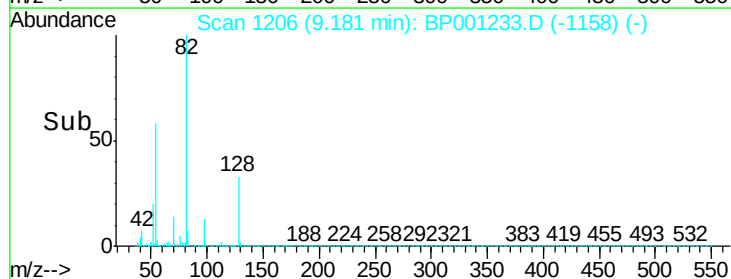
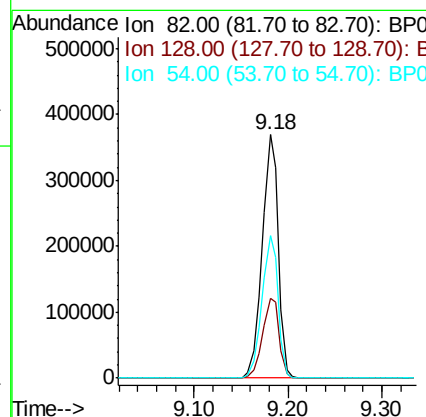
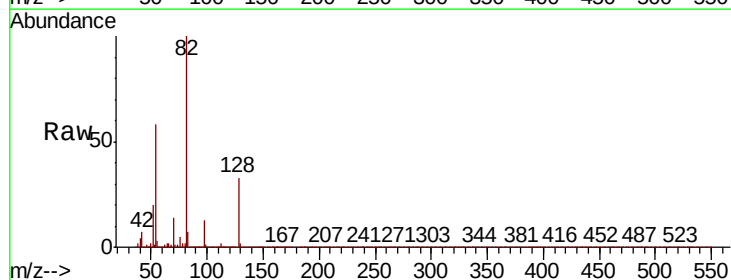
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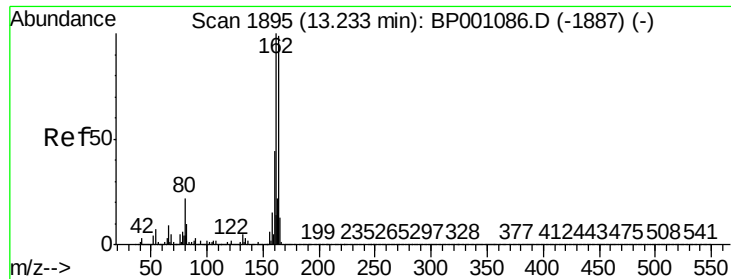
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#23
Nitrobenzene-d5
Concen: 70.775 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BP001233.D
Acq: 06 Dec 2019 16:54

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	33.0	27.5	41.3
54	58.4	45.7	68.5





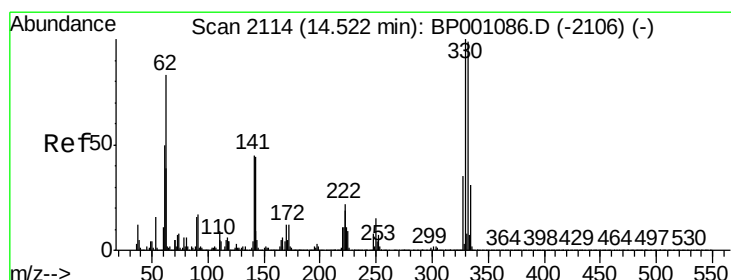
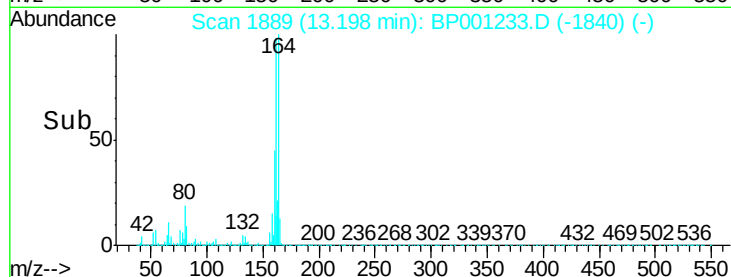
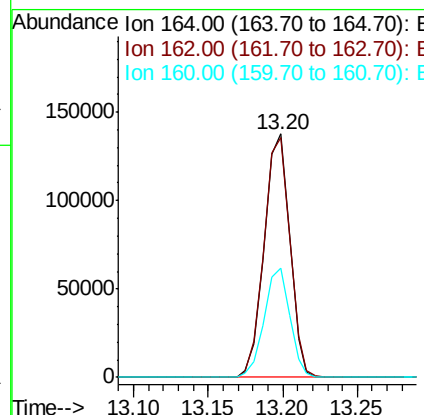
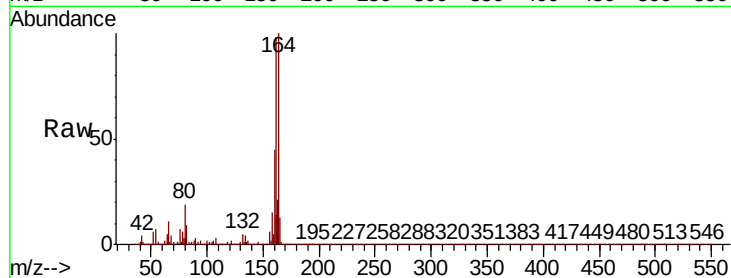
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BP001233.D
Acq: 06 Dec 2019 16:54

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	98.2	80.7	121.1
160	44.9	36.3	54.5

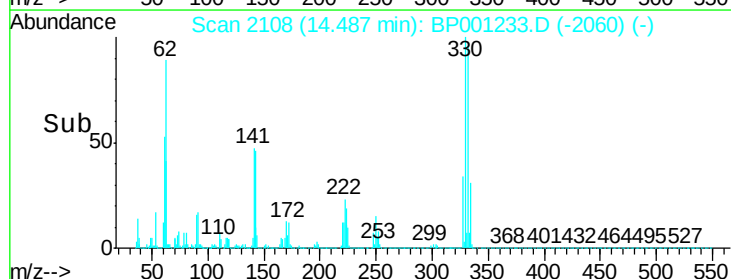
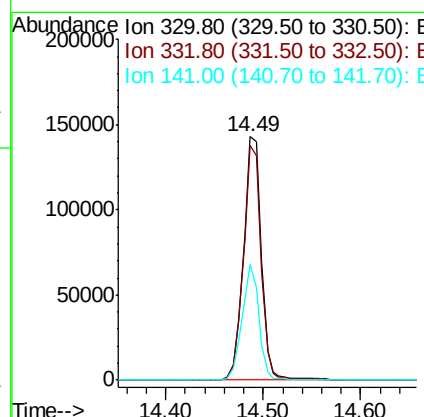
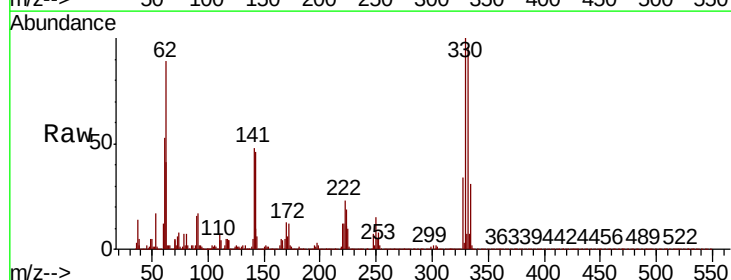
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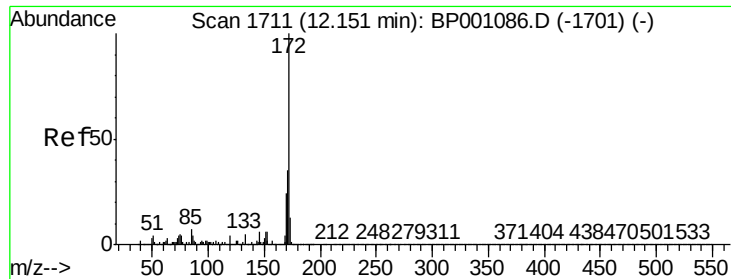
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#42
2,4,6-Tribromophenol
Concen: 116.842 ng
RT: 14.49 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BP001233.D
Acq: 06 Dec 2019 16:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	79.1	118.7
141	45.2	35.9	53.9





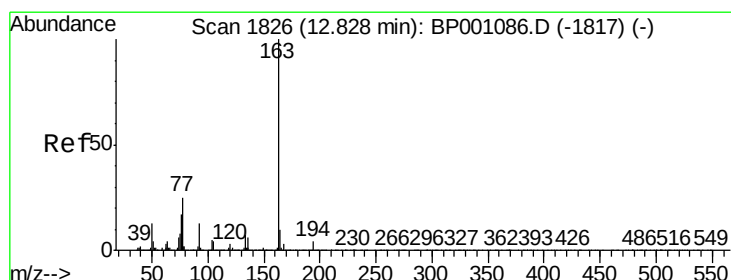
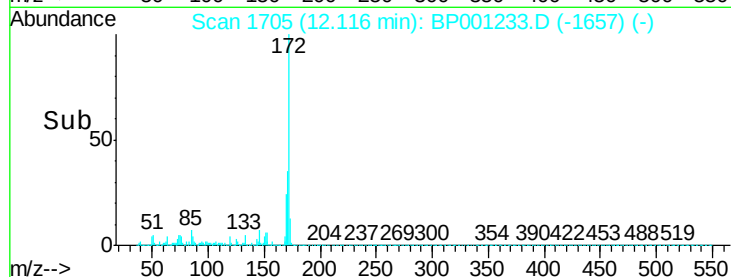
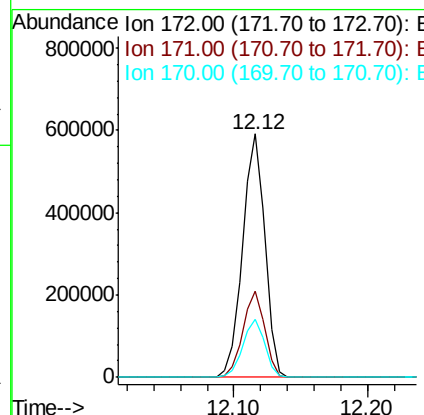
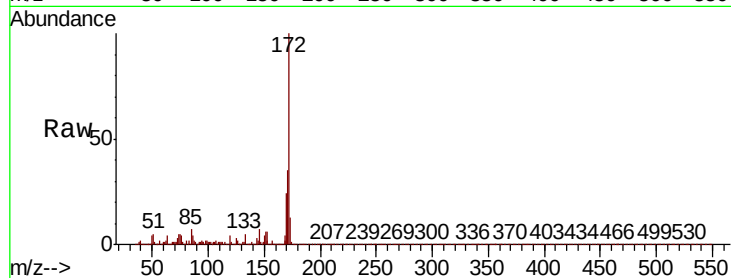
#45
2-Fluorobiphenyl
Concen: 61.839 ng
RT: 12.12 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BP001233.D
Acq: 06 Dec 2019 16:54

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

Tot Ion:	172	Resp:	685289
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.7	43.1
170	23.9	19.2	28.8

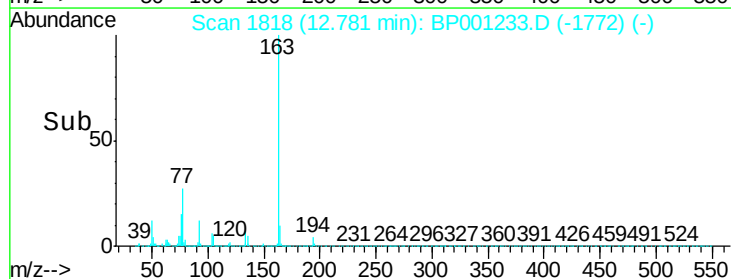
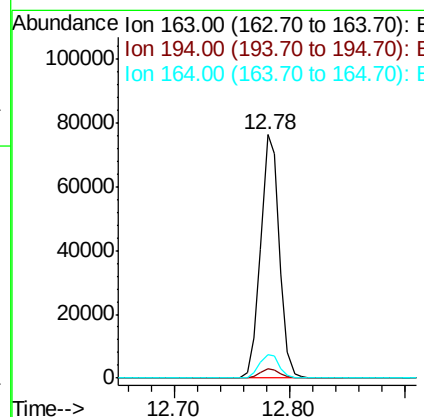
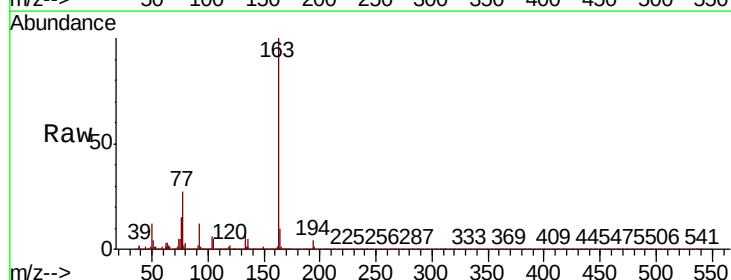
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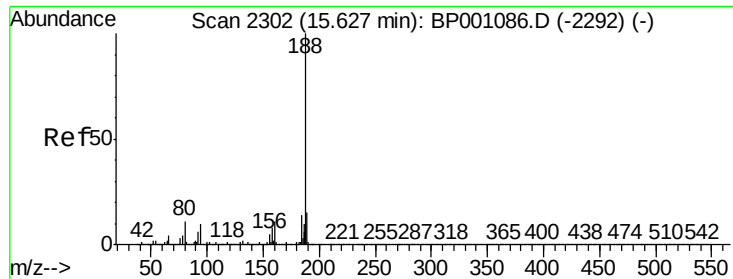
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#50
Dimethylphthalate
Concen: 7.134 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.03 min
Lab File: BP001233.D
Acq: 06 Dec 2019 16:54

Tgt Ion:	163	Resp:	86534
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.1	4.7
164	9.5	8.2	12.4





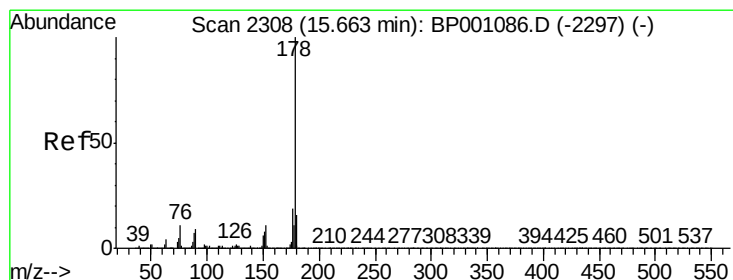
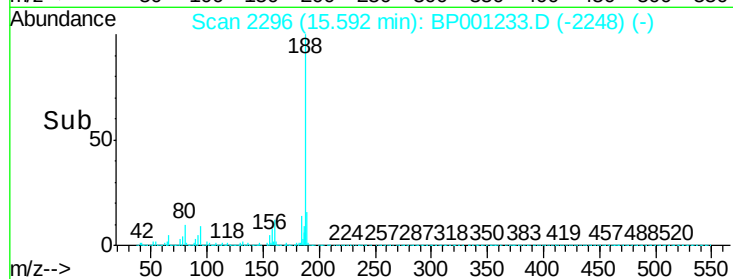
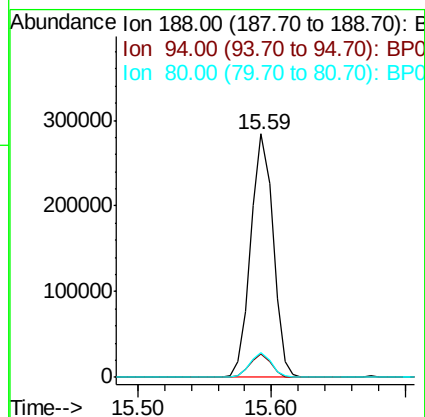
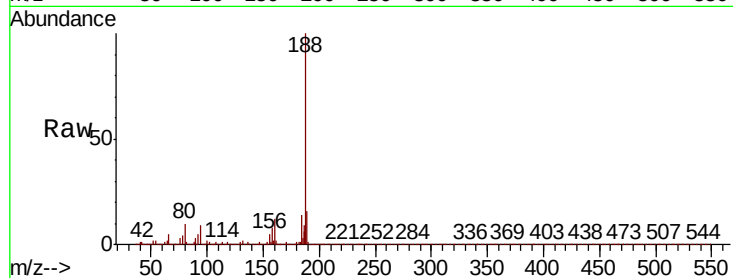
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.02 min
Lab File: BP001233.D
Acq: 06 Dec 2019 16:54

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

Tot Ion:	188	Resp:	326305
Ion Ratio	Lower	Upper	
188	100		
94	9.4	7.1	10.7
80	10.1	7.8	11.6

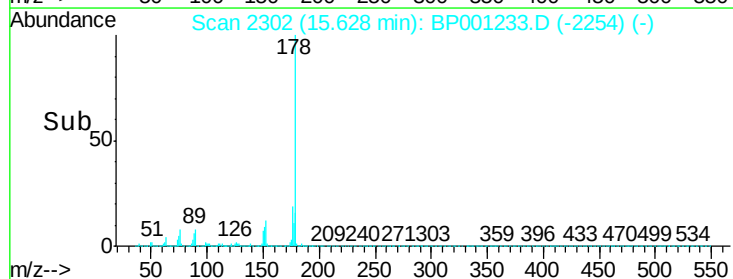
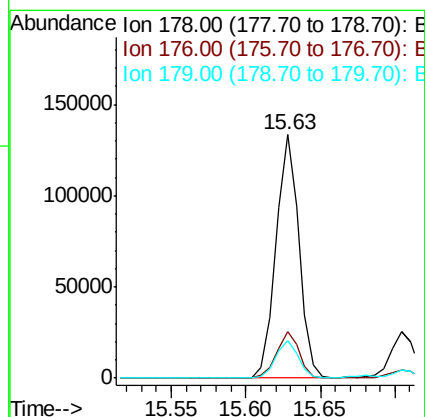
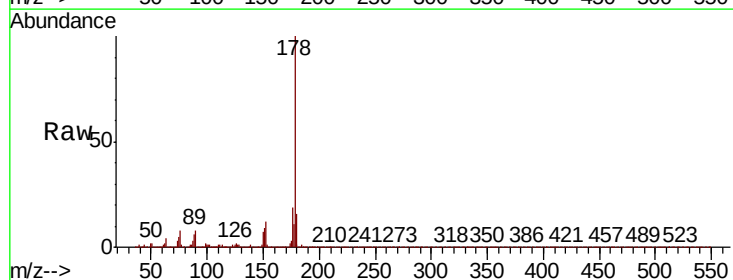
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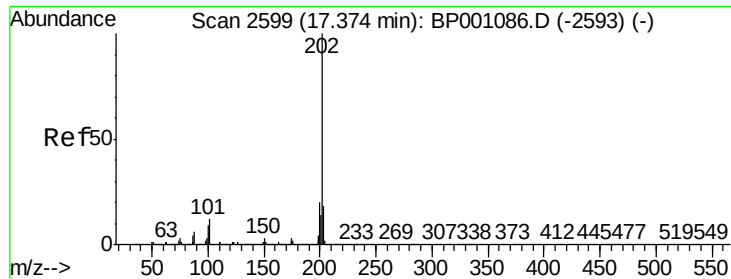
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#71
Phenanthrene
Concen: 8.321 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.02 min
Lab File: BP001233.D
Acq: 06 Dec 2019 16:54

Tgt Ion:	178	Resp:	142748
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.7	23.5
179	15.7	12.4	18.6





#75

Fluoranthene

Concen: 14.556 ng

RT: 17.34 min Scan# 2593

Delta R.T. -0.02 min

Lab File: BP001233.D

Acq: 06 Dec 2019 16:54

Instrument :

BNA_P

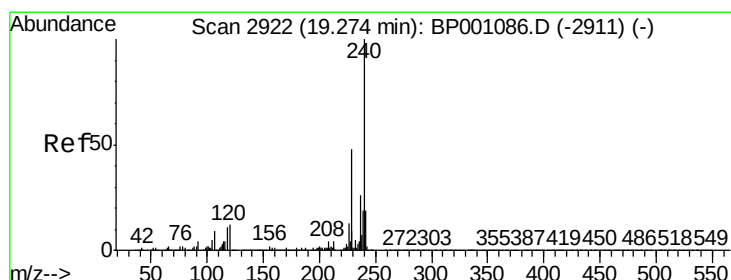
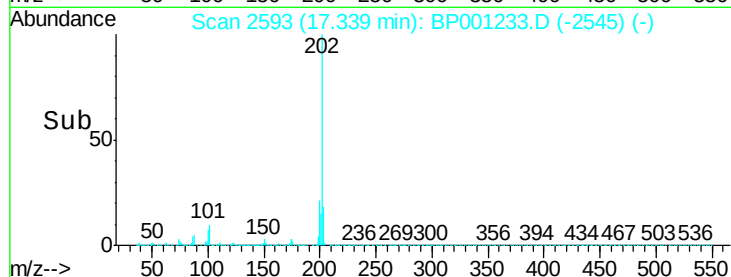
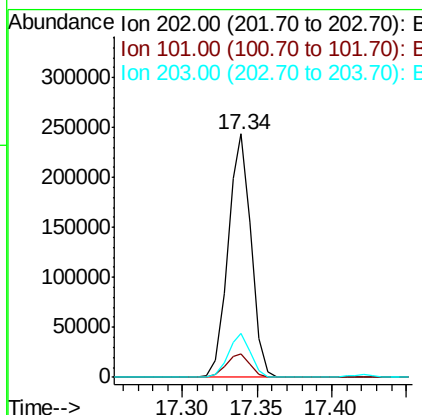
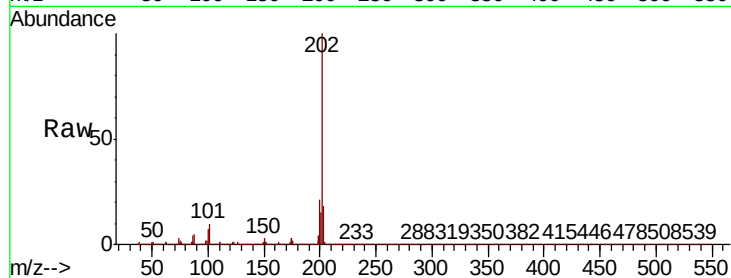
ClientSampleId :

SB-2-(0-2)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	0.0	30.0
203	18.1	0.0	37.1

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

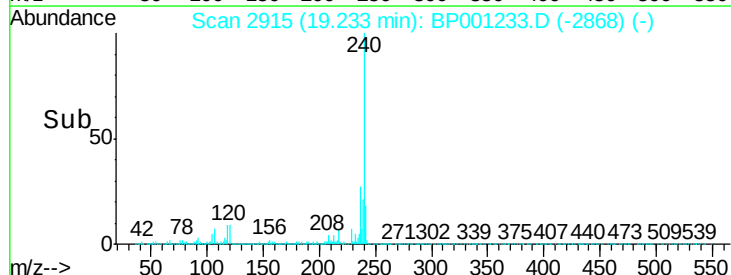
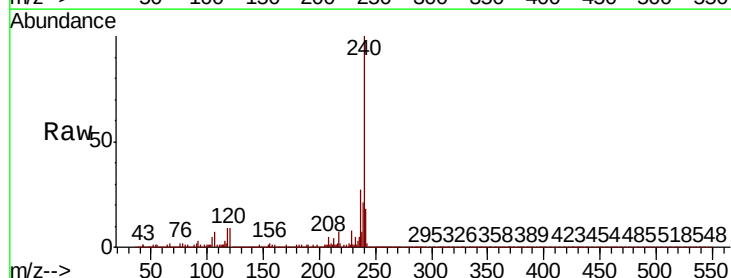
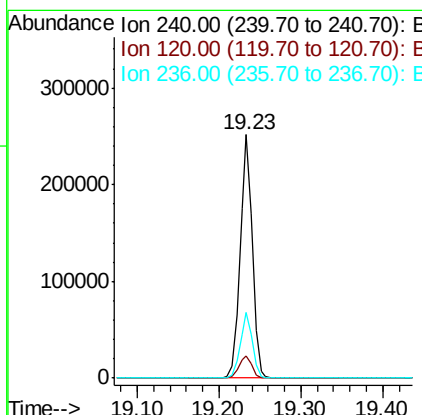
RT: 19.23 min Scan# 2915

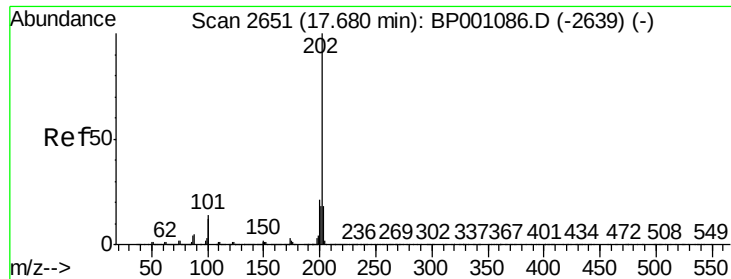
Delta R.T. -0.02 min

Lab File: BP001233.D

Acq: 06 Dec 2019 16:54

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.2	7.0	10.6
236	27.1	21.7	32.5





#78

Pvrene

Concen: 11.017 ng

RT: 17.65 min Scan# 2645

Delta R.T. -0.02 min

Lab File: BP001233.D

Acq: 06 Dec 2019 16:54

Instrument :

BNA_P

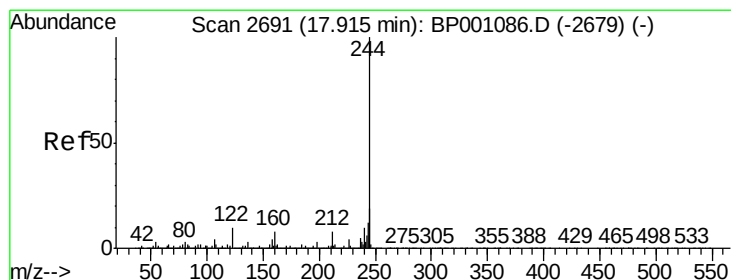
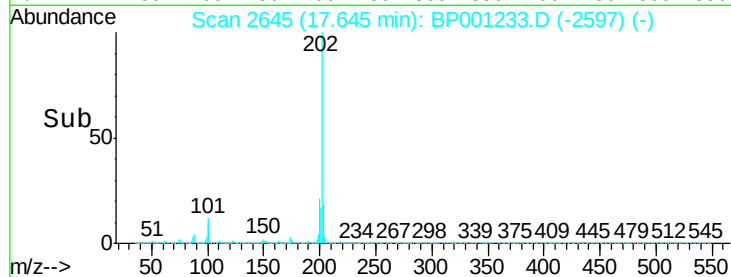
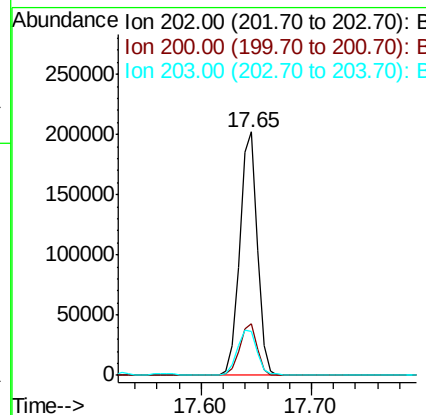
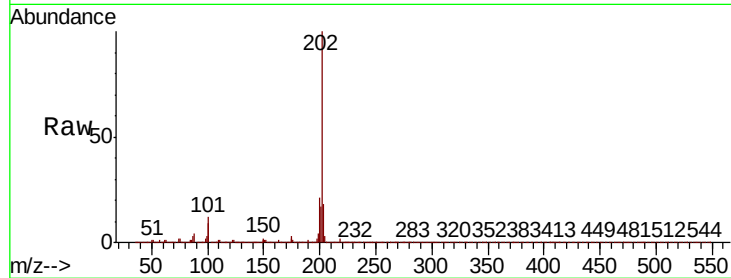
ClientSampled :

SB-2-(0-2)

Tot Ion:	202	Resp:	226181
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.3	25.9
203	18.1	13.8	20.8

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#79

Terphenyl-d14

Concen: 60.336 ng

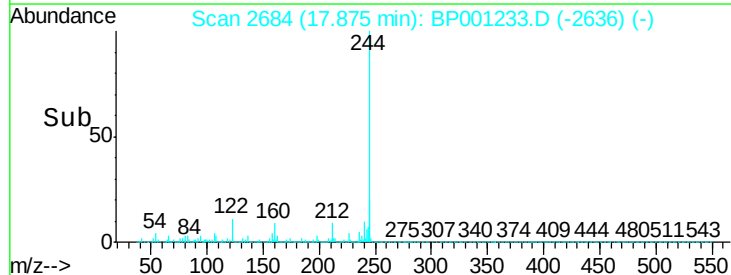
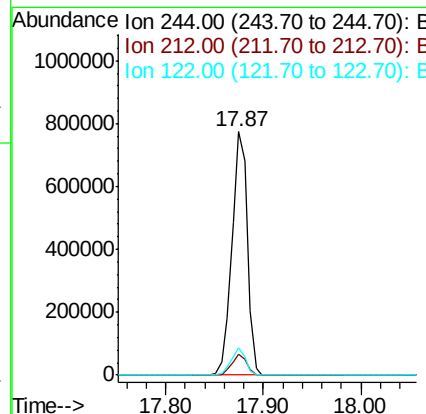
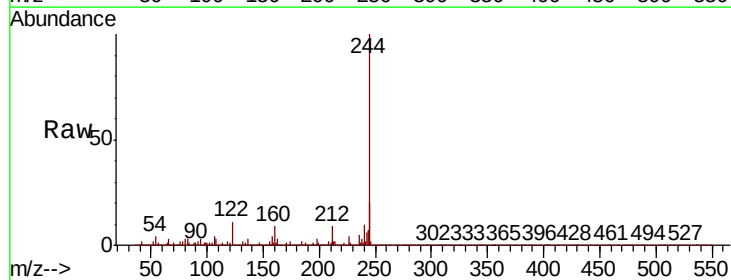
RT: 17.87 min Scan# 2684

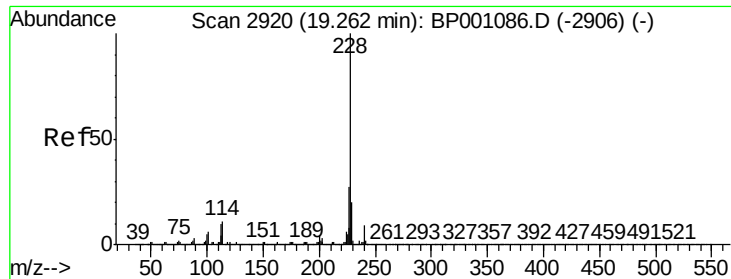
Delta R.T. -0.02 min

Lab File: BP001233.D

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Tgt Ion:	244	Resp:	850109
Ion Ratio		Lower	Upper
244	100		
212	8.6	6.6	9.8
122	11.0	9.2	13.8





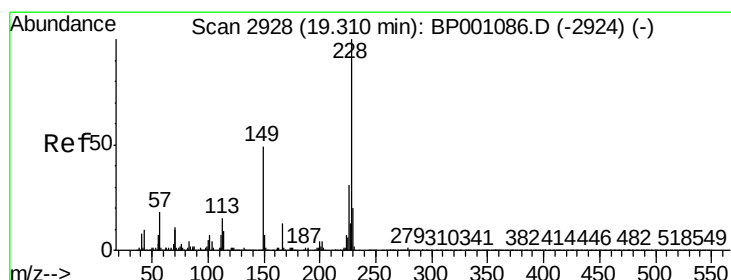
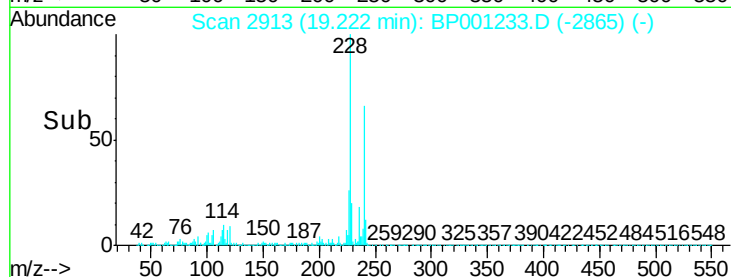
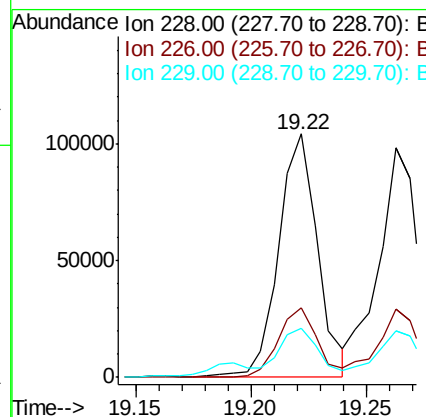
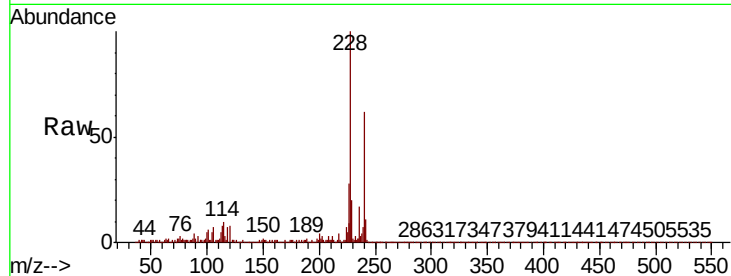
#81
Benzo(a)anthracene
Concen: 6.692 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.02 min
Lab File: BP001233.D
Acq: 06 Dec 2019 16:54

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.7	32.5
229	19.9	15.8	23.6

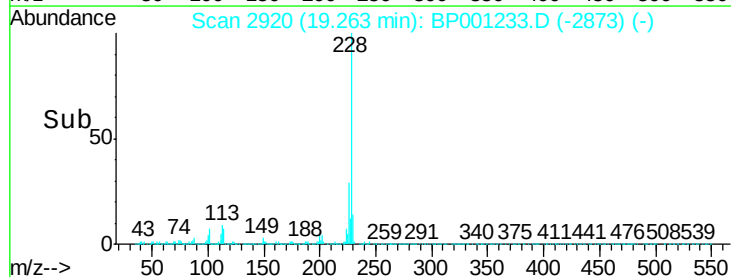
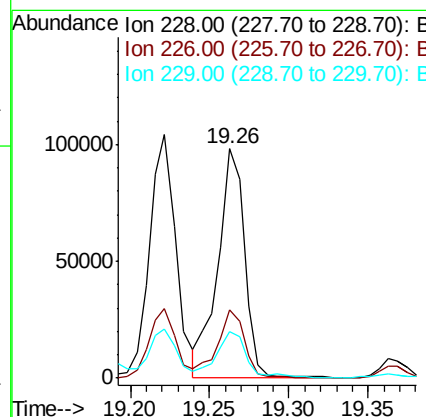
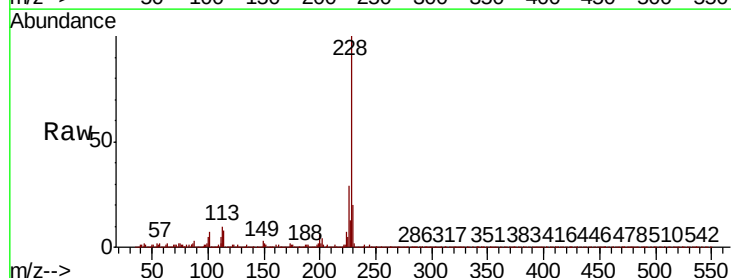
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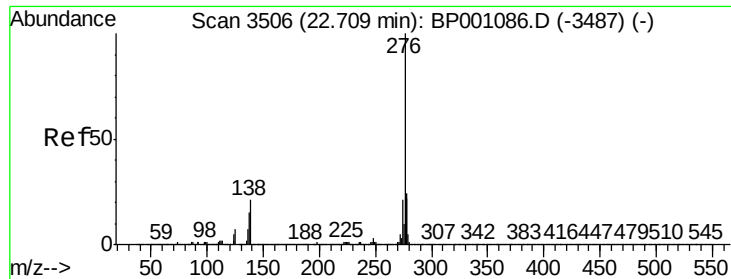
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#83
Chrysene
Concen: 7.113 ng
RT: 19.26 min Scan# 2920
Delta R.T. -0.02 min
Lab File: BP001233.D
Acq: 06 Dec 2019 16:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.7	35.5
229	20.3	15.2	22.8





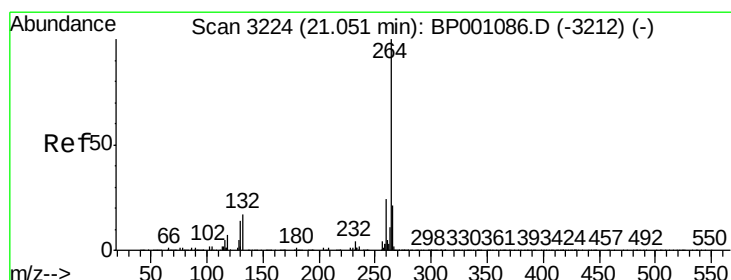
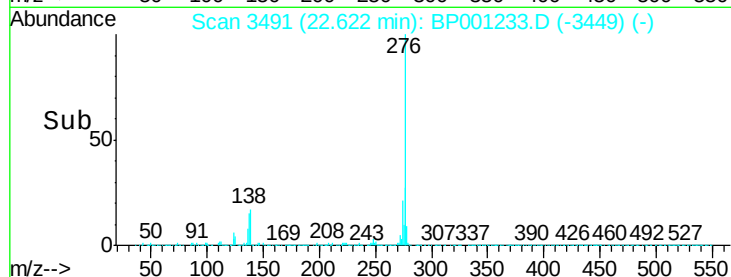
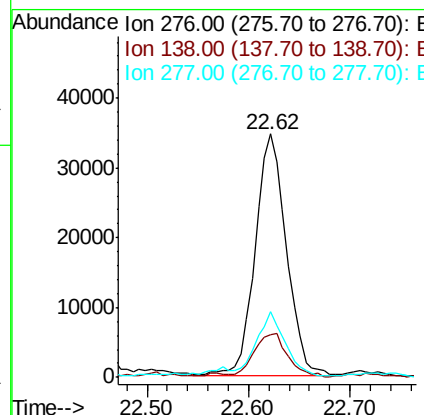
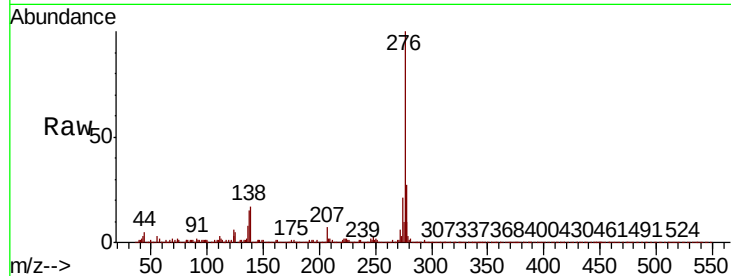
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.878 ng
RT: 22.62 min Scan# 3491
Delta R.T. -0.05 min
Lab File: BP001233.D
Acq: 06 Dec 2019 16:54

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	17.9	26.9
277	24.4	20.1	30.1

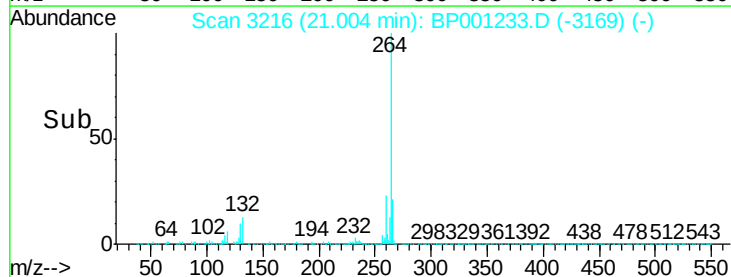
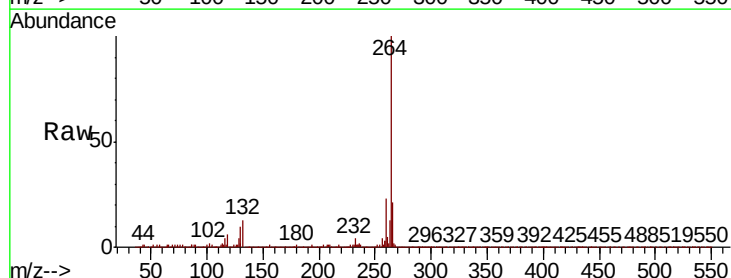
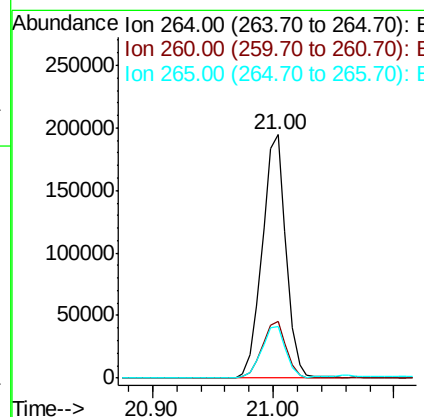
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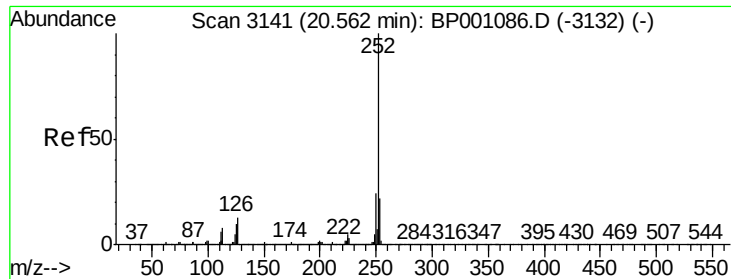
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#87
Perylene-d12
Concen: 20.000 ng
RT: 21.00 min Scan# 3216
Delta R.T. -0.02 min
Lab File: BP001233.D
Acq: 06 Dec 2019 16:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	21.2	17.1	25.7





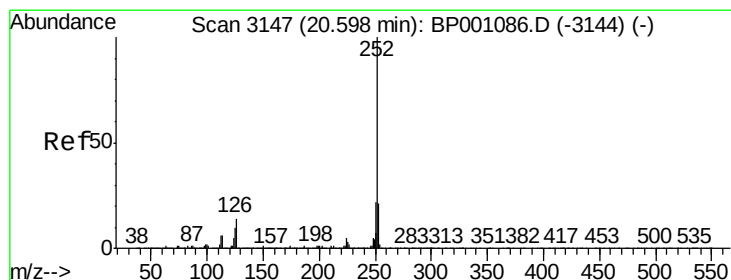
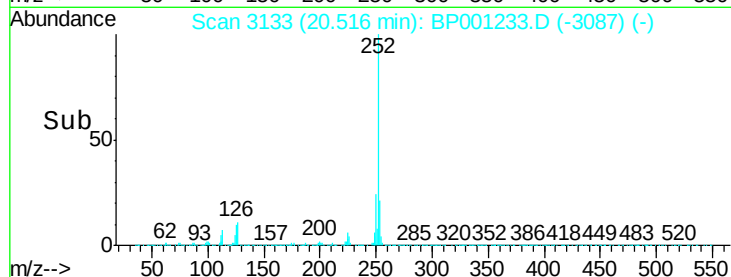
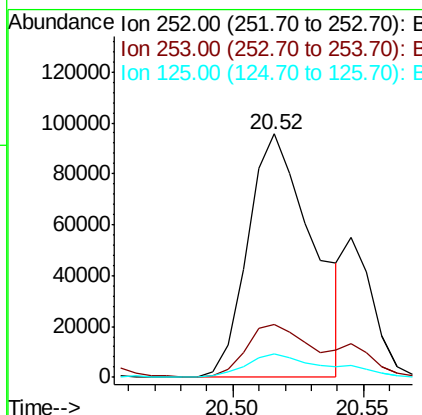
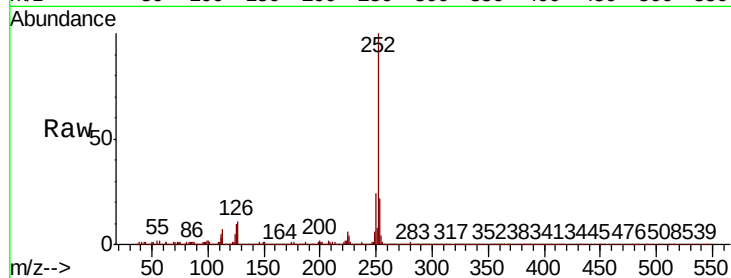
#88
Benzo(b)fluoranthene
Concen: 10.151 ng m
RT: 20.52 min Scan# 3133
Delta R.T. -0.03 min
Lab File: BP001233.D
Acq: 06 Dec 2019 16:54

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	9.8	6.6	9.8

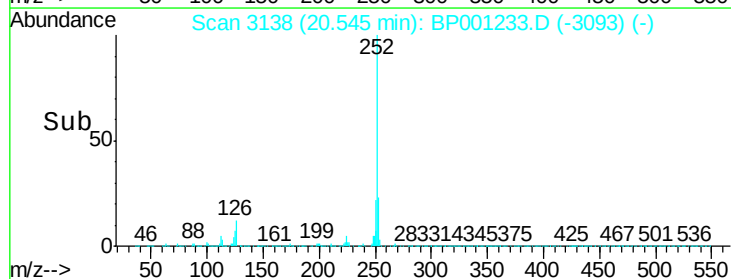
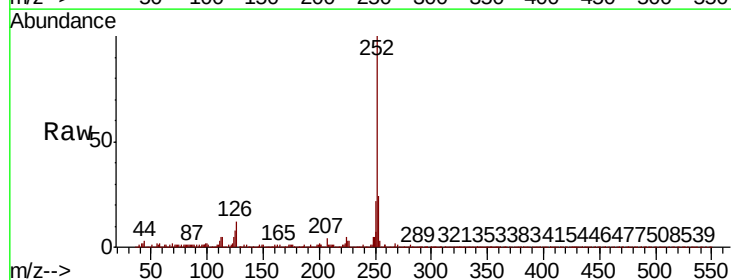
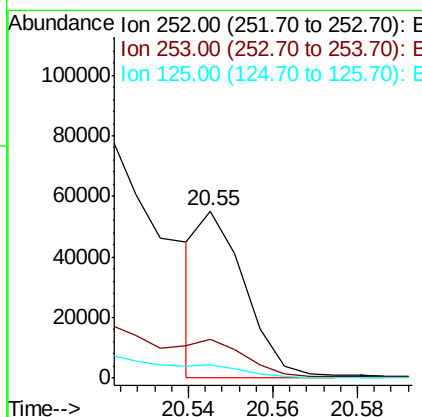
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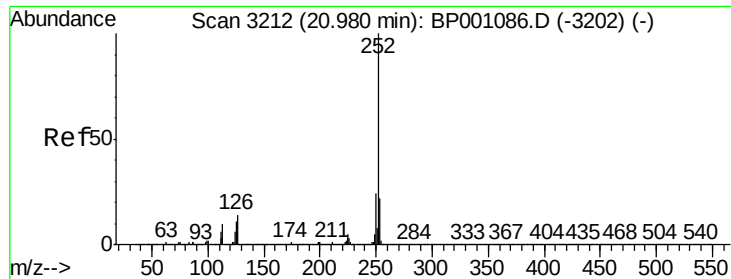
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#89
Benzo(k)fluoranthene
Concen: 2.686 ng m
RT: 20.55 min Scan# 3138
Delta R.T. -0.04 min
Lab File: BP001233.D
Acq: 06 Dec 2019 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	8.2	6.2	9.4





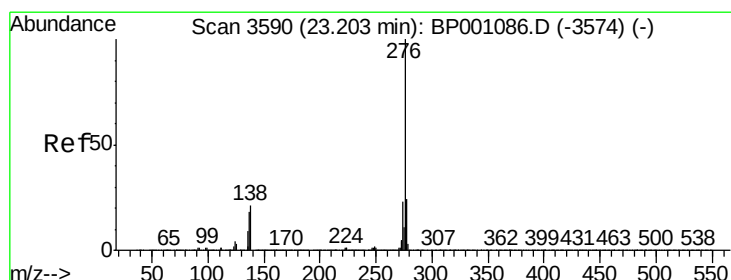
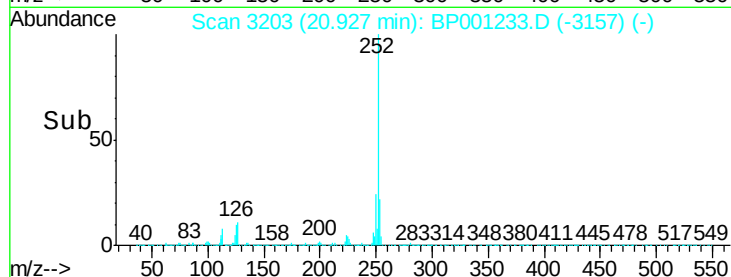
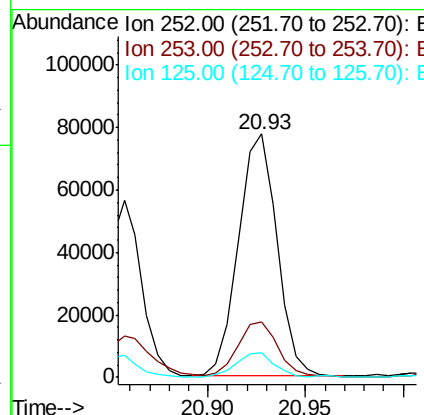
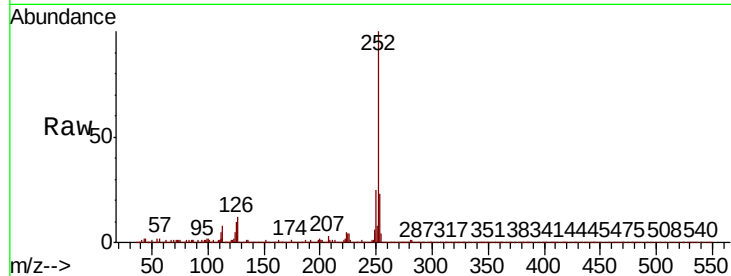
#90
Benzo(a)pyrene
Concen: 7.082 ng
RT: 20.93 min Scan# 3203
Delta R.T. -0.03 min
Lab File: BP001233.D
Acq: 06 Dec 2019 16:54

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

Tot Ion:	252	Resp:	106225
Ion Ratio	Lower	Upper	
252	100		
253	22.7	16.8	25.2
125	10.4	7.8	11.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.818 ng
RT: 23.10 min Scan# 3573
Delta R.T. -0.06 min
Lab File: BP001233.D
Acq: 06 Dec 2019 16:54

Tgt Ion:	276	Resp:	69832
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.6	28.0
138	15.8	15.6	23.4

