

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001056.D
 Acq On : 15 Nov 2019 23:26
 Operator : JU
 Sample : K5832-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 5-(2-4)

Manual Integrations
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Quant Time: Nov 16 04:52:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	176547	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	655039	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	392594	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	779226	20.00	ng	-0.01
76) Chrysene-d12	19.28	240	647745	20.00	ng	-0.02
87) Perylene-d12	21.06	264	726331	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	494234	50.95	ng	0.00
7) Phenol-d6	7.81	99	938118	76.48	ng	0.00
23) Nitrobenzene-d5	9.24	82	608390	51.38	ng	-0.02
42) 2,4,6-Tribromophenol	14.54	330	134980	28.80	ng	-0.02
45) 2-Fluorobiphenyl	12.17	172	1364399	52.34	ng	-0.02
79) Terphenyl-d14	17.92	244	1809787	55.58	ng	-0.02
Target Compounds						
10) Phenol	7.82	94	32549	2.426	ng	Qvalue 80
49) Acenaphthylene	13.02	152	91890	2.558	ng	98
50) Dimethylphthalate	12.83	163	235264	8.104	ng	99
71) Phenanthrene	15.68	178	310909	7.796	ng	100
72) Anthracene	15.76	178	129819	3.337	ng	97
75) Fluoranthene	17.39	202	725116	16.086	ng	98
78) Pyrene	17.69	202	753037	16.450	ng	98
81) Benzo(a)anthracene	19.27	228	361613m	8.289	ng	
83) Chrysene	19.32	228	431725	11.272	ng	98
86) Indeno(1,2,3-cd)pyrene	22.72	276	243031m	4.638	ng	
88) Benzo(b)fluoranthene	20.57	252	595622m	13.757	ng	
89) Benzo(k)fluoranthene	20.60	252	168474m	4.134	ng	
90) Benzo(a)pyrene	20.99	252	301813	7.581	ng	96
92) Benzo(a,h,i)perylene	23.21	276	231458	5.657	ng	96

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

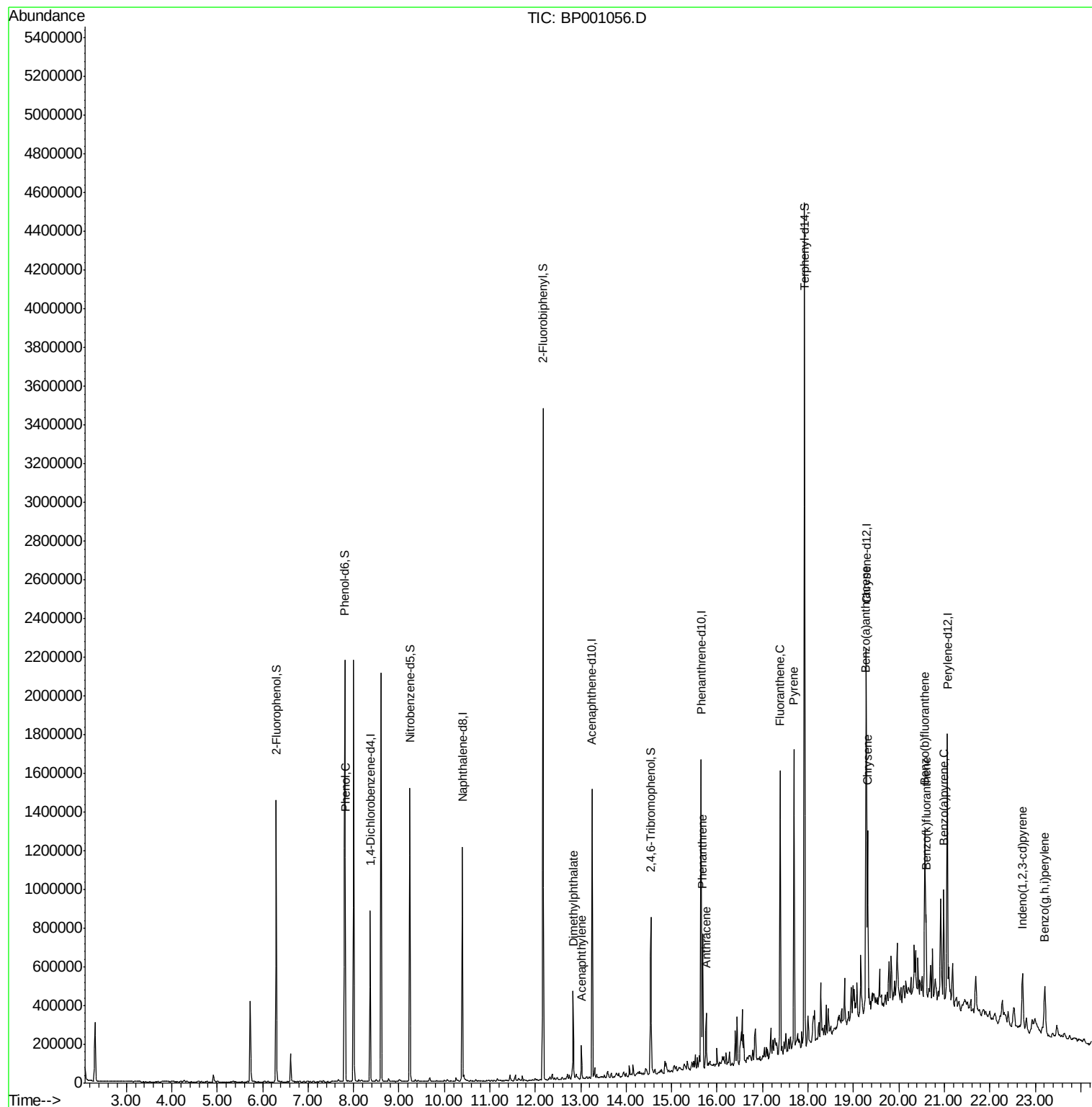
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001056.D
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ALS Vial : 19 Sample Multiplier: 1

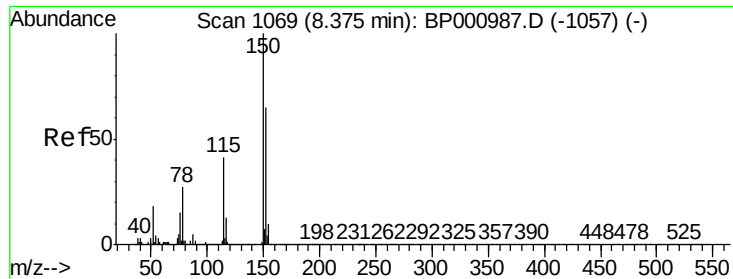
Instrument :
BNA_P
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5-(2-4)

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BP001056.D

Acq: 15 Nov 2019 23:26

Instrument :

BNA_P

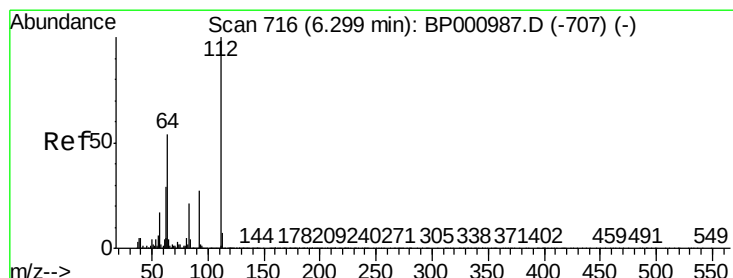
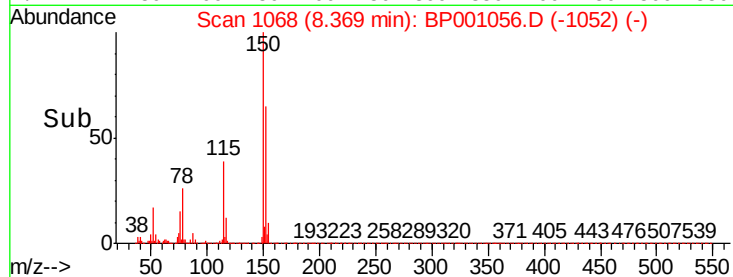
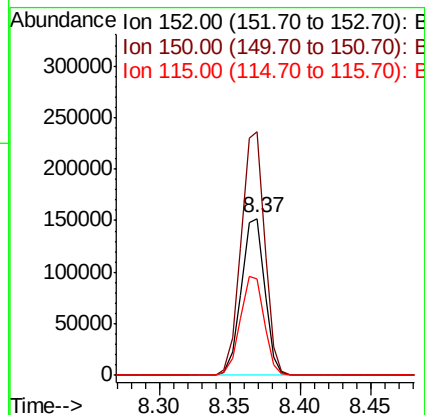
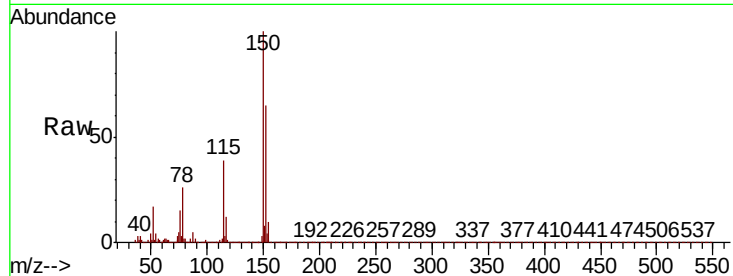
ClientSampleId :

5-(2-4)

Tot Ion:	152	Resp:	176547
Ion Ratio	Lower	Upper	
152	100		
150	155.0	123.6	185.4
115	61.1	50.1	75.1

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#5

2-Fluorophenol

Concen: 50.955 ng

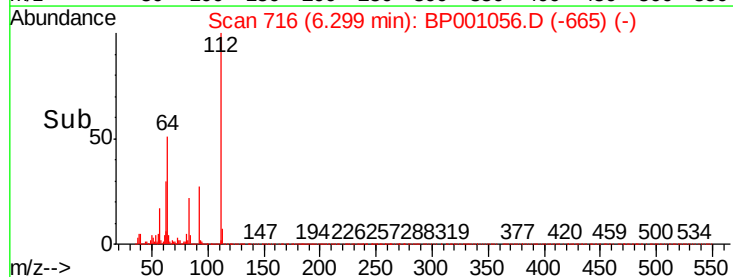
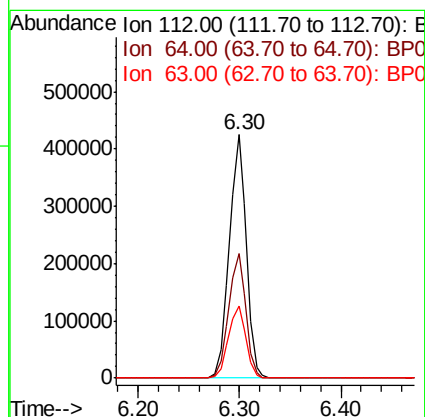
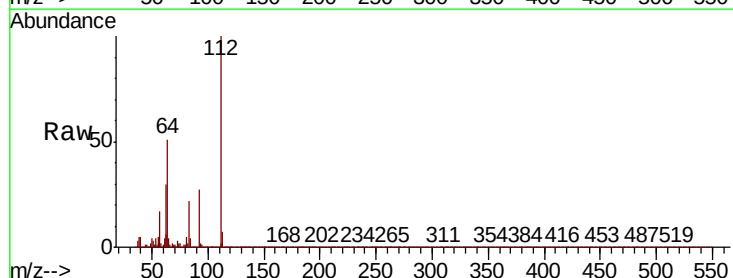
RT: 6.30 min Scan# 716

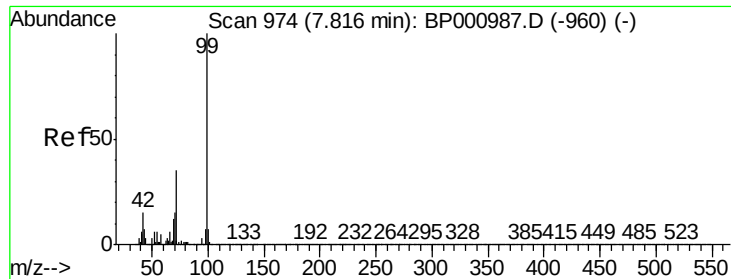
Delta R.T. 0.00 min

Lab File: BP001056.D

Acq: 15 Nov 2019 23:26

Tgt Ion:	112	Resp:	494234
Ion Ratio	Lower	Upper	
112	100		
64	51.4	43.4	65.0
63	29.6	23.4	35.0





#7

Phenol-d6

Concen: 76.484 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP001056.D

Acq: 15 Nov 2019 23:26

Instrument :

BNA_P

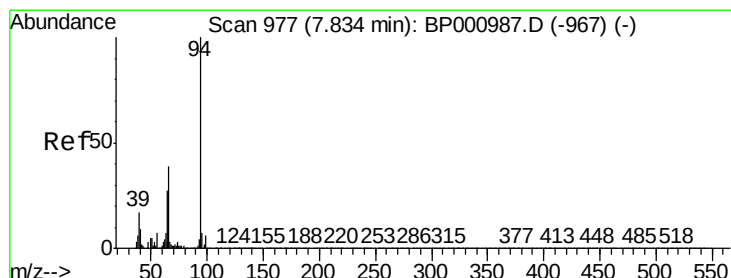
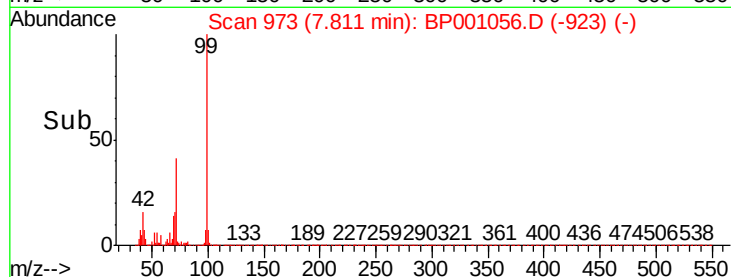
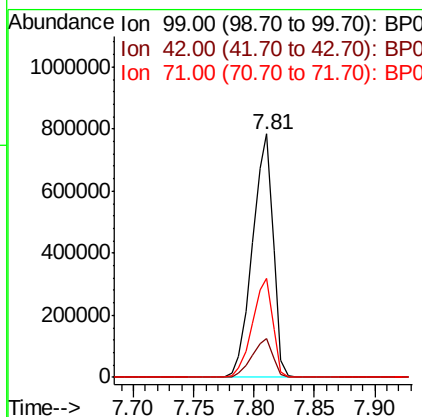
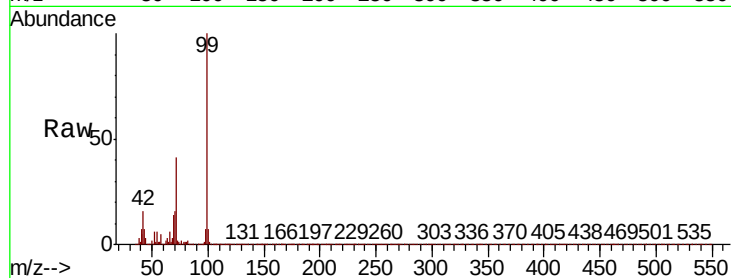
ClientSampled :

5-(2-4)

Tot Ion:	99	Resp:	938118
Ion Ratio	Lower	Upper	
99	100		
42	15.9	11.6	17.4
71	40.7	28.0	42.0

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#10

Phenol

Concen: 2.426 ng

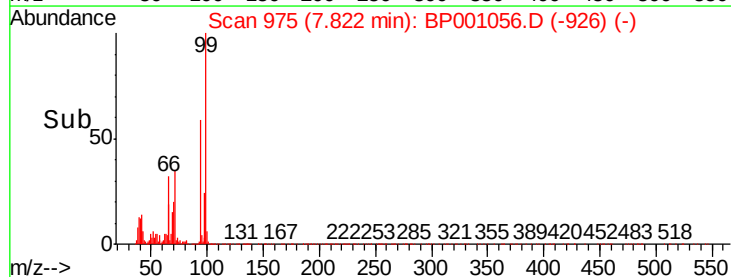
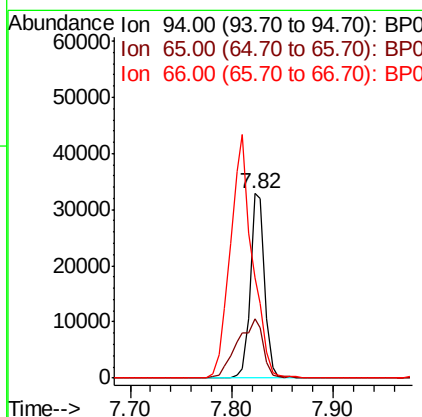
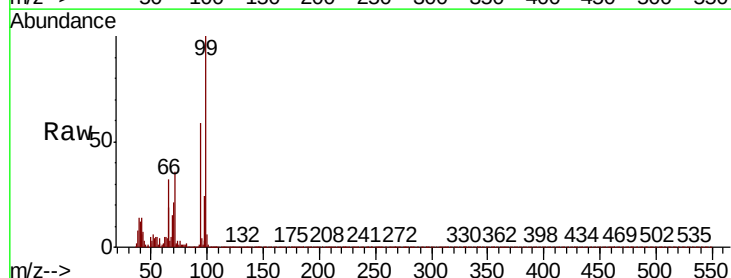
RT: 7.82 min Scan# 975

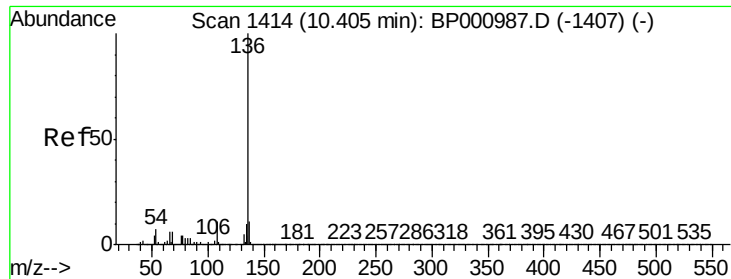
Delta R.T. -0.01 min

Lab File: BP001056.D

Acq: 15 Nov 2019 23:26

Tgt Ion:	94	Resp:	32549
Ion Ratio	Lower	Upper	
94	100		
65	32.4	6.7	46.7
66	54.1	18.6	58.6





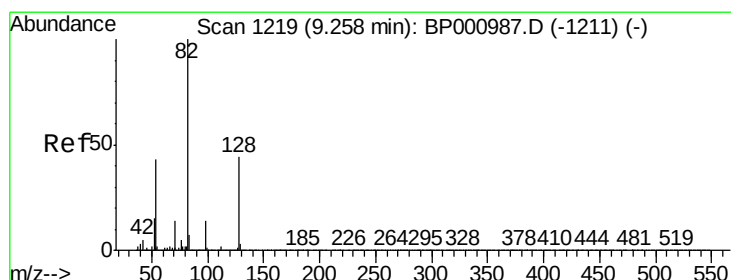
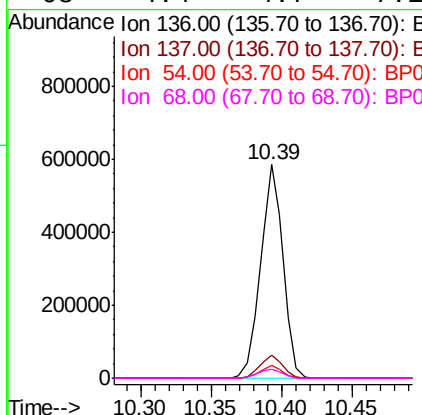
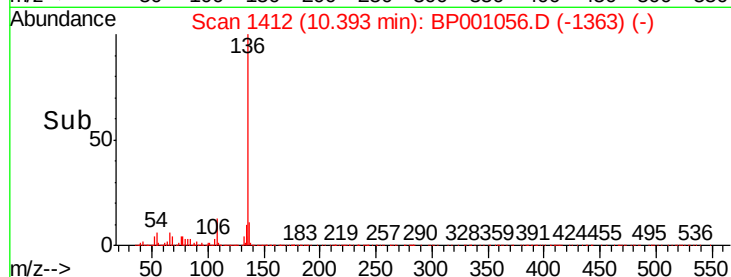
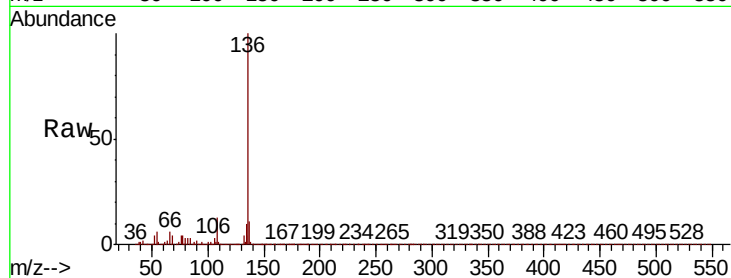
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :
5-(2-4)

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.0	13.6
54	5.8	5.4	8.2
68	4.4	4.7	7.1#

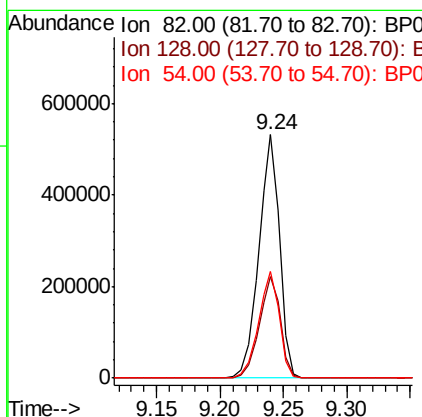
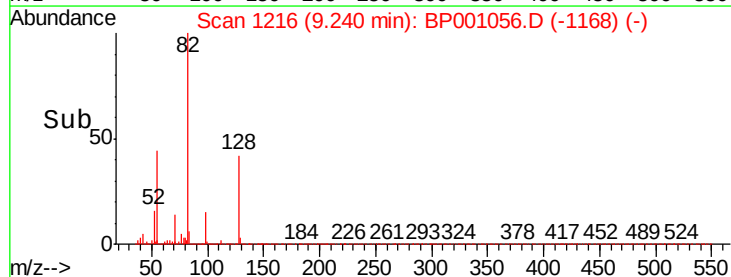
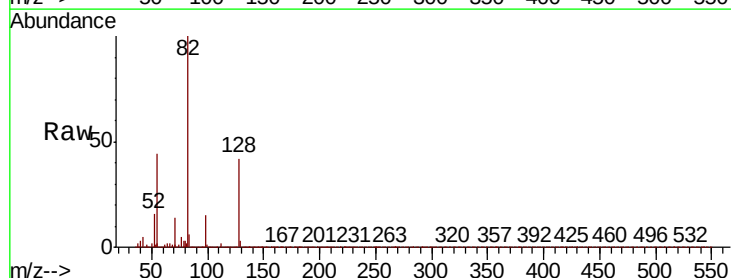
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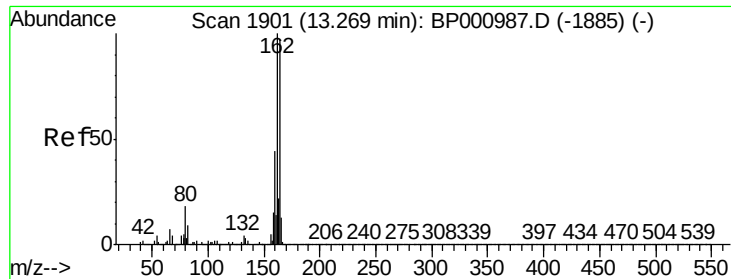
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#23
Nitrobenzene-d5
Concen: 51.377 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	41.6	35.3	52.9
54	44.0	34.3	51.5





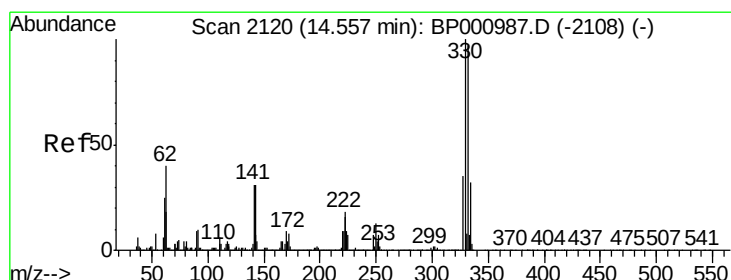
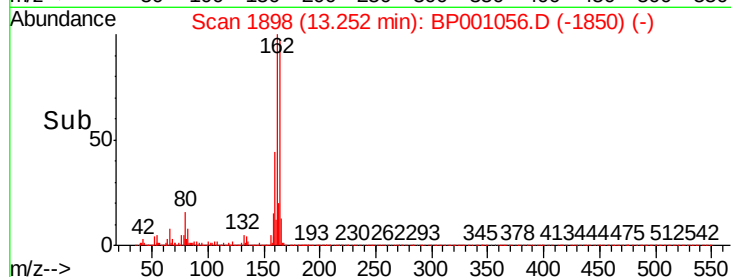
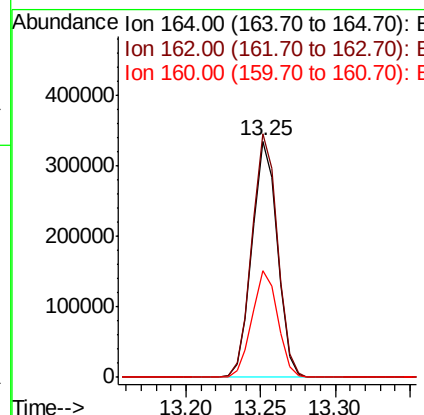
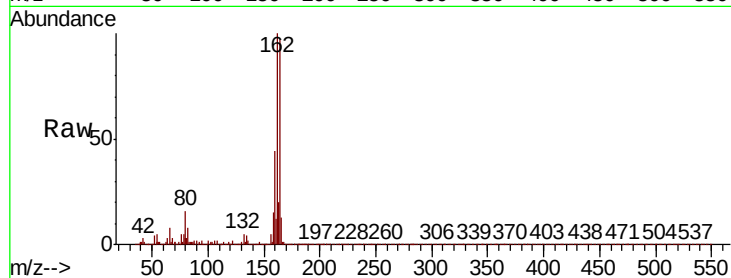
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :
5-(2-4)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	45.0	36.5	54.7

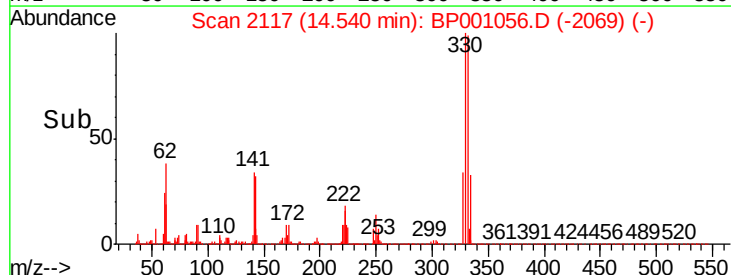
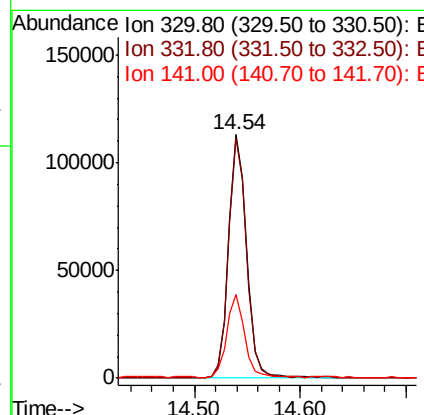
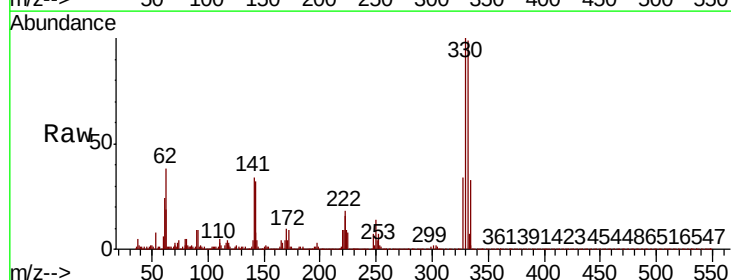
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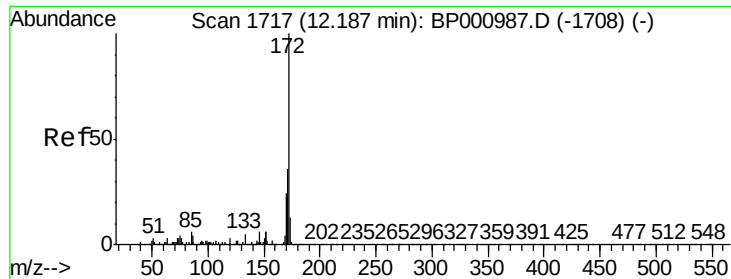
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#42
2,4,6-Tribromophenol
Concen: 28.801 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.3	117.5
141	32.9	25.0	37.4





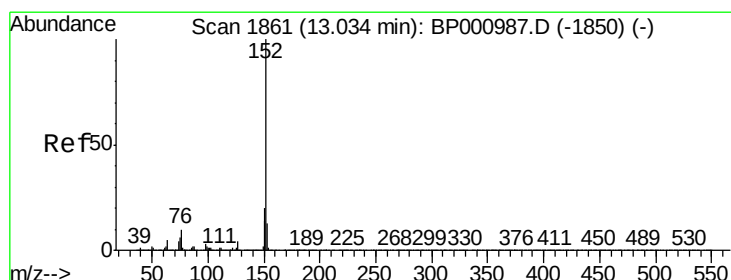
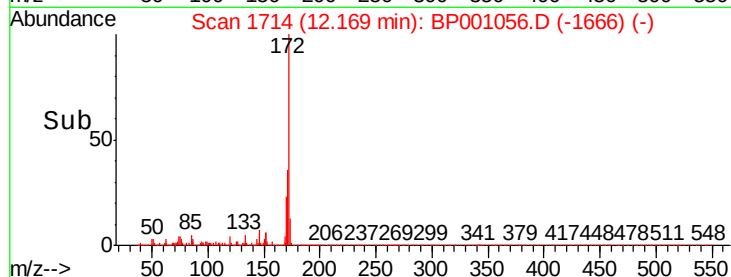
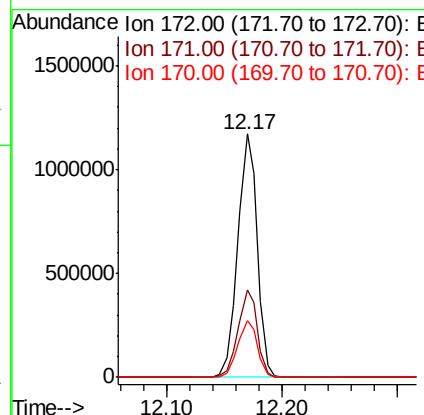
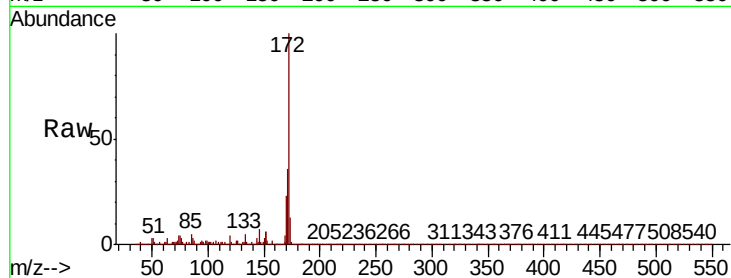
#45
2-Fluorobiphenyl
Concen: 52.342 ng
RT: 12.17 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :
5-(2-4)

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.0	28.5	42.7	
170	23.3	18.9	28.3	

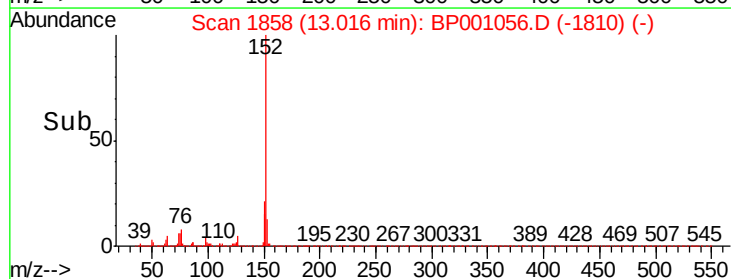
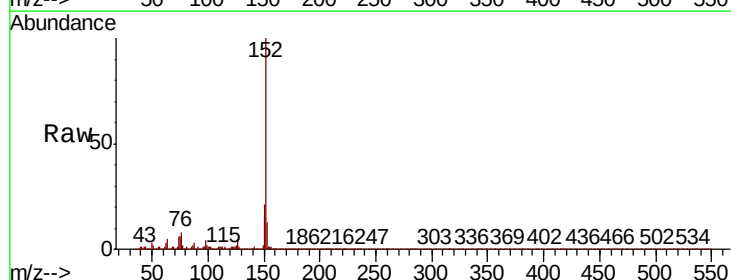
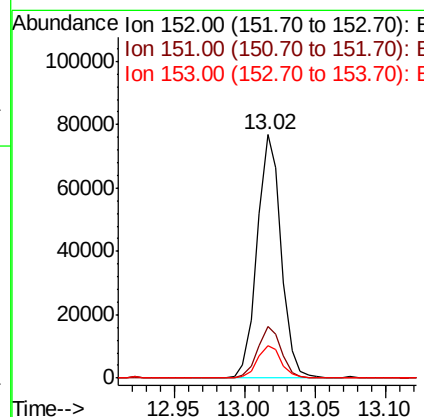
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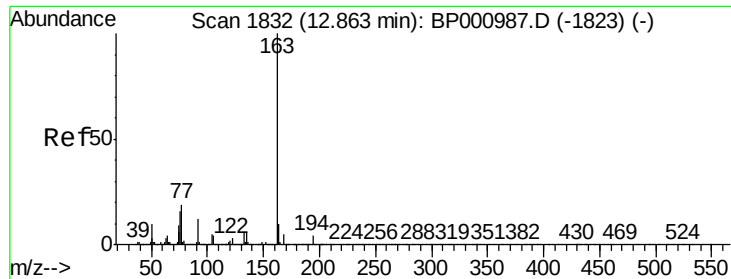
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#49
Acenaphthylene
Concen: 2.558 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
151	21.3	16.0	24.0	
153	13.4	10.6	16.0	





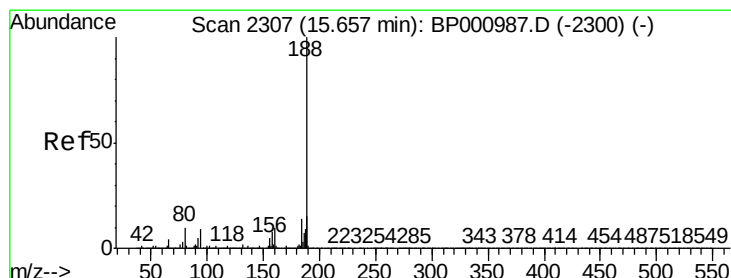
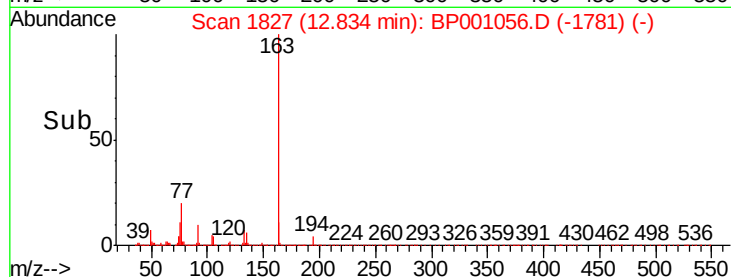
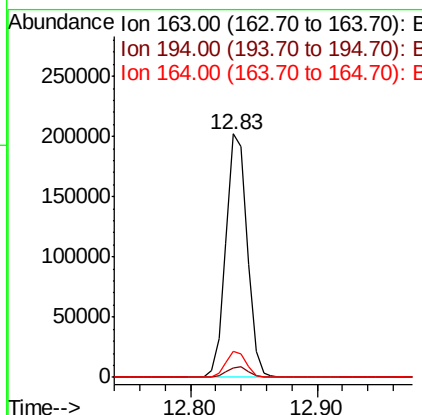
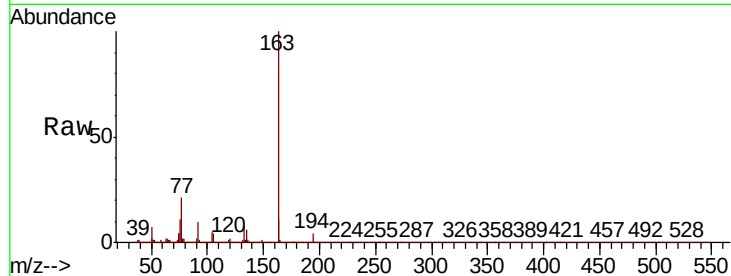
#50
Dimethylphthalate
Concen: 8.104 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampled :
5-(2-4)

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.5	7.9	11.9

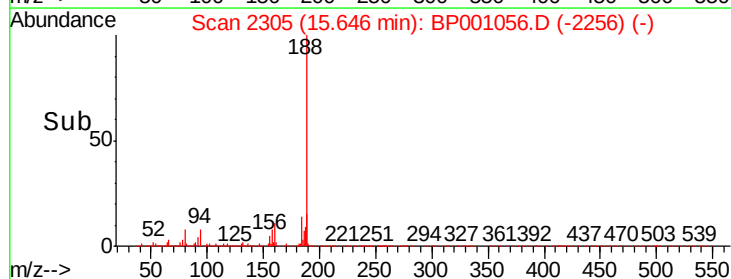
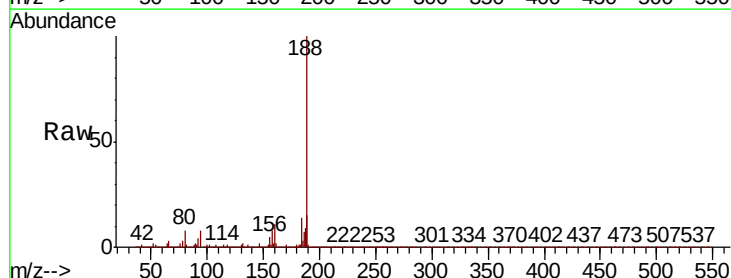
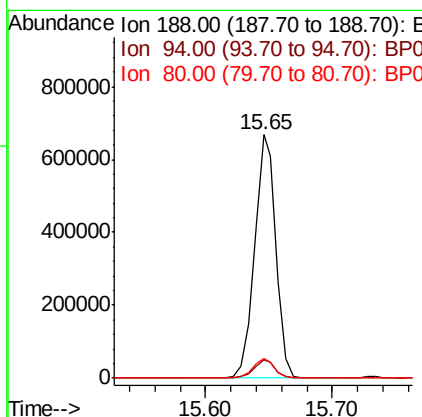
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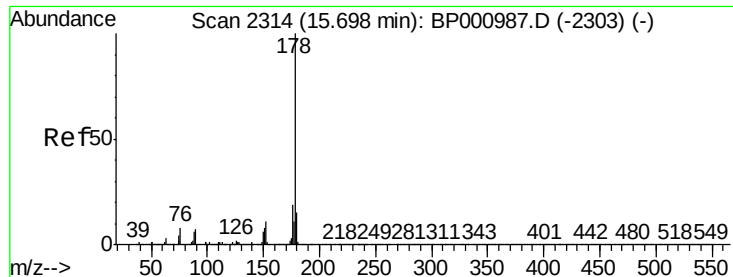
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.4	11.2
80	7.9	7.9	11.9





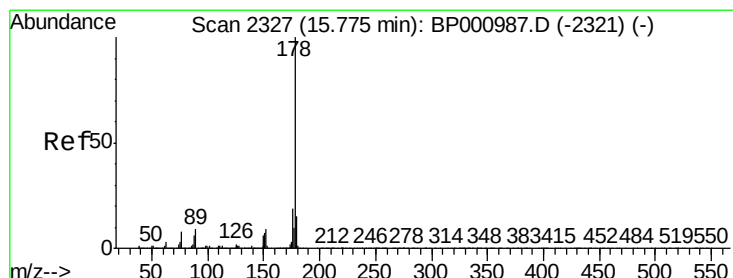
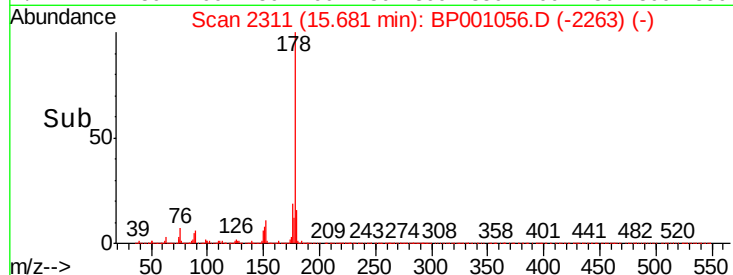
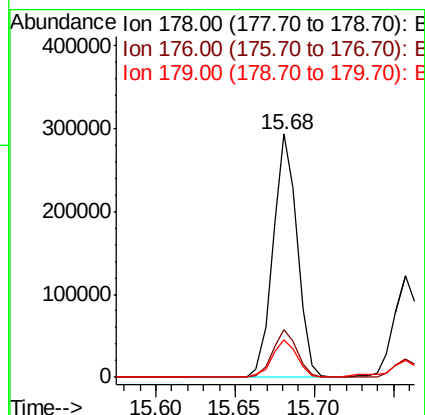
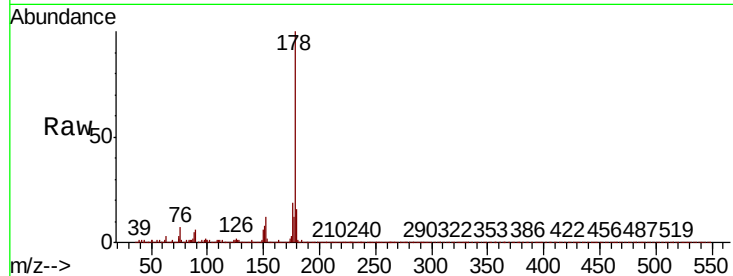
#71
Phenanthrene
Concen: 7.796 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :
5-(2-4)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.6	12.3	18.5

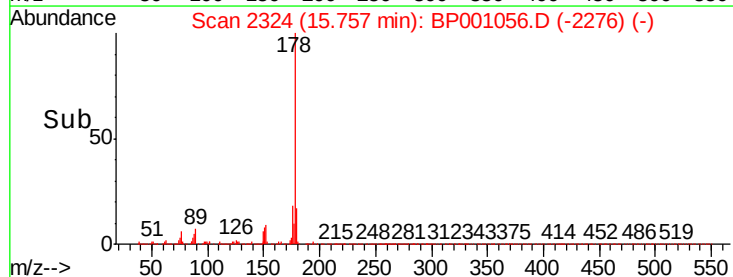
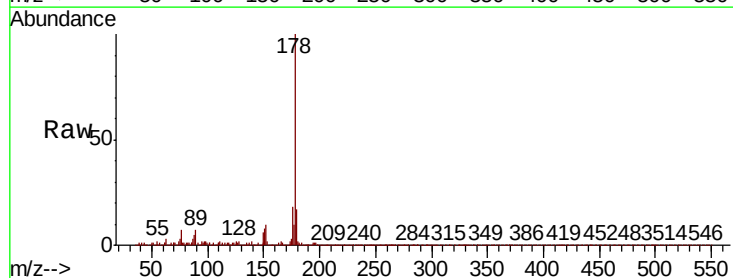
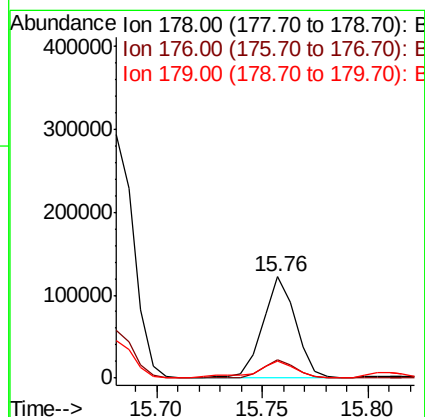
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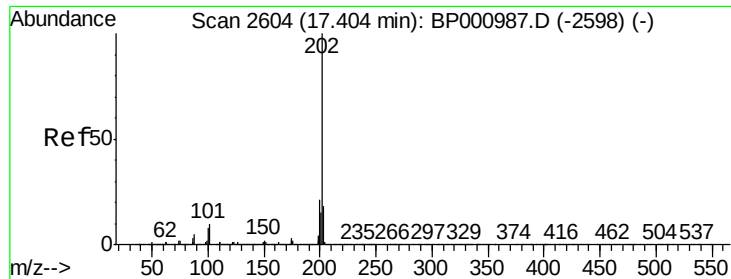
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#72
Anthracene
Concen: 3.337 ng
RT: 15.76 min Scan# 2324
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	17.4	12.3	18.5





#75

Fluoranthene

Concen: 16.086 ng

RT: 17.39 min Scan# 2601

Delta R.T. -0.02 min

Lab File: BP001056.D

Acq: 15 Nov 2019 23:26

Instrument :

BNA_P

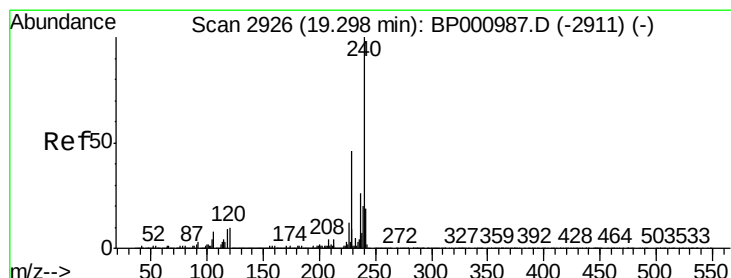
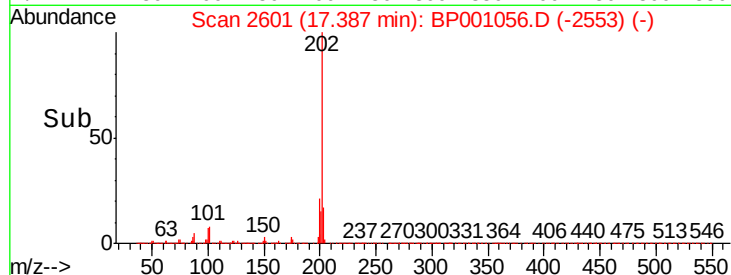
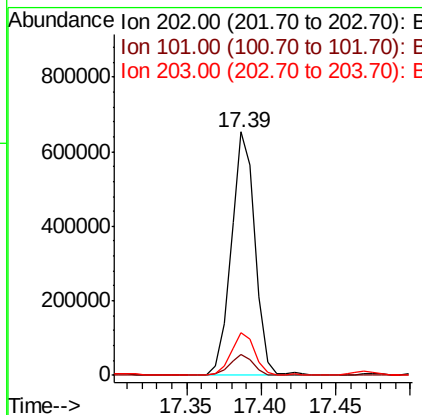
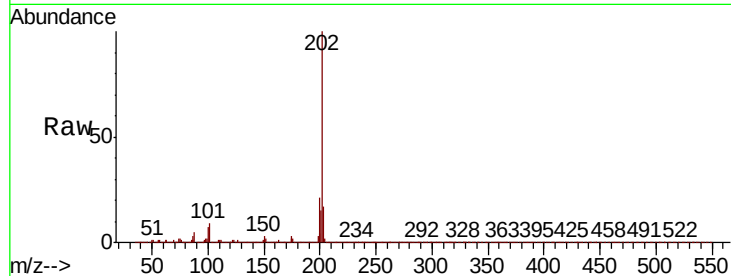
ClientSampleId :

5-(2-4)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		725116		
101	8.6	0.0	30.1		
203	17.4	0.0	37.7		

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#76

Chrysene-d12

Concen: 20.000 ng

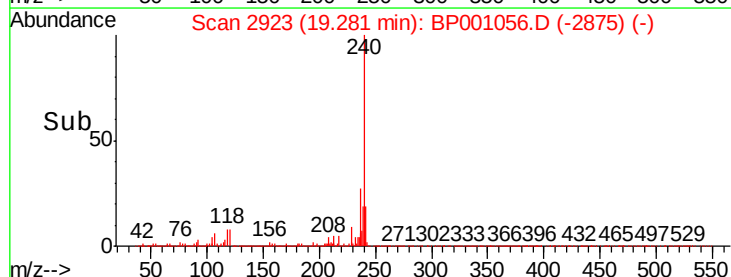
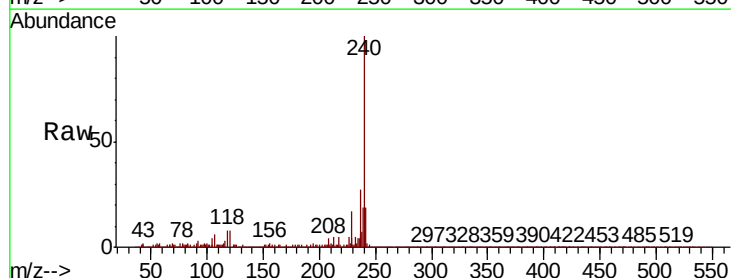
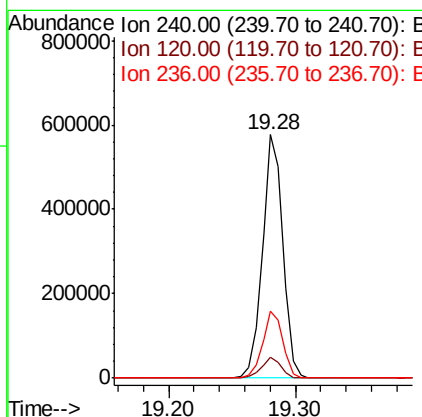
RT: 19.28 min Scan# 2923

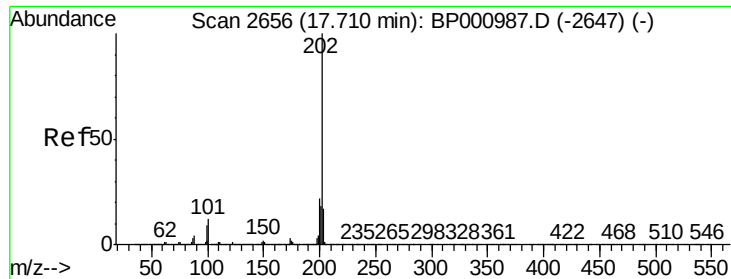
Delta R.T. -0.02 min

Lab File: BP001056.D

Acq: 15 Nov 2019 23:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		647745		
120	8.4	8.2	12.2		
236	27.5	20.5	30.7		





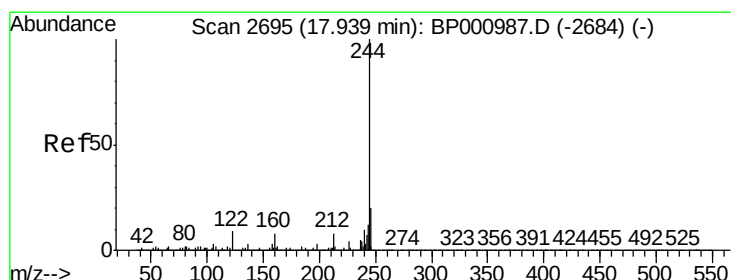
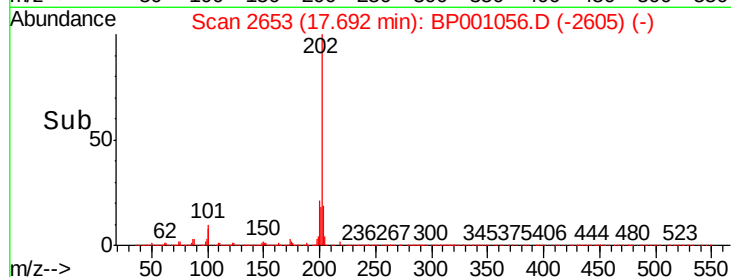
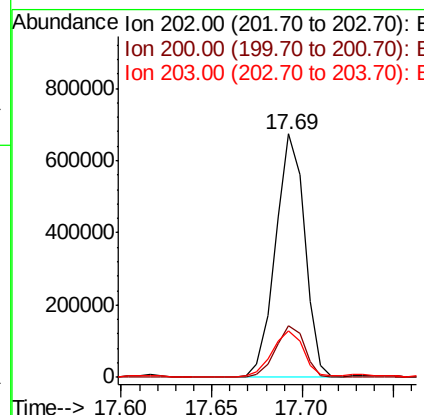
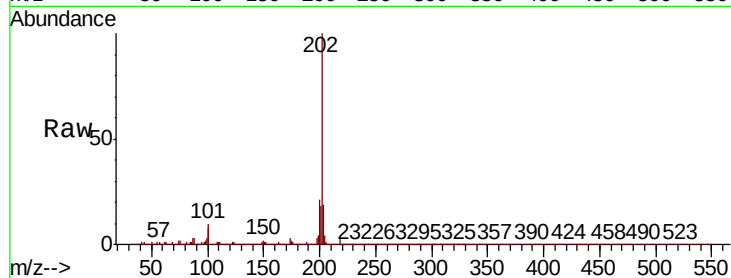
#78
Pvrene
Concen: 16.450 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :
5-(2-4)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	19.0	14.0	21.0

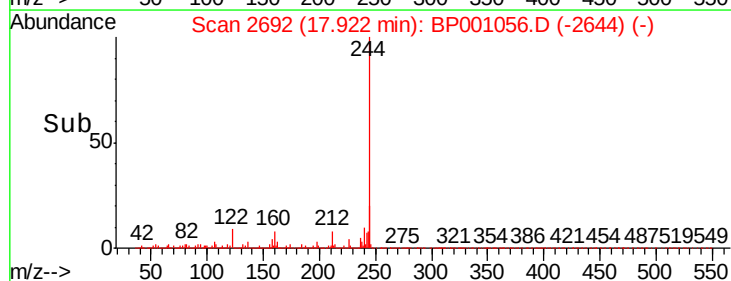
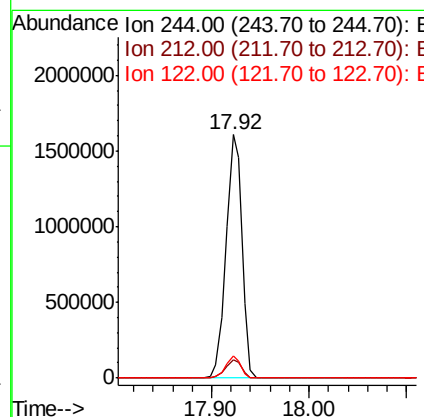
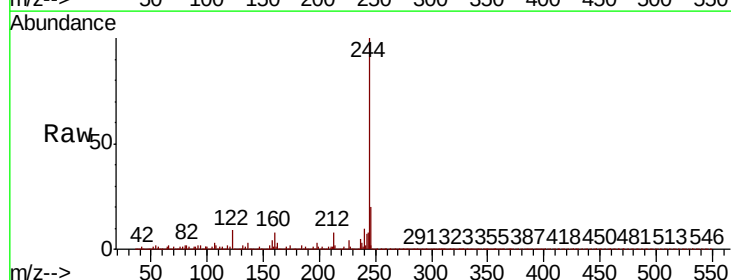
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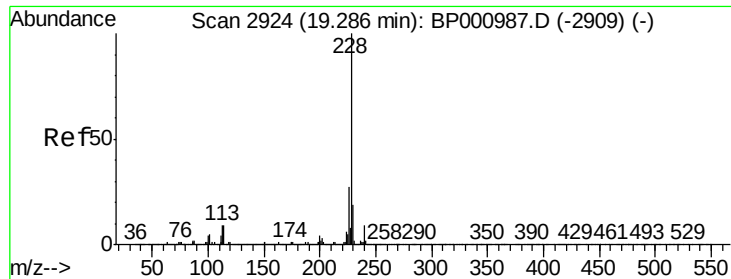
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#79
Terphenyl-d14
Concen: 55.576 ng
RT: 17.92 min Scan# 2692
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	9.0	7.4	11.2





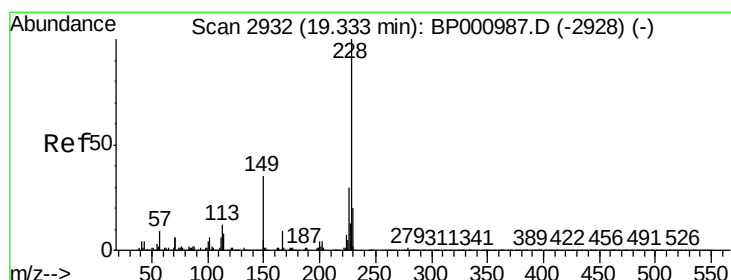
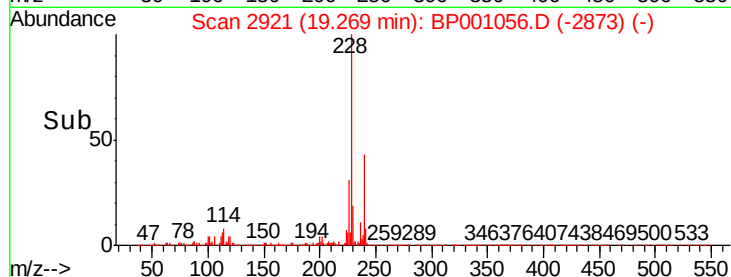
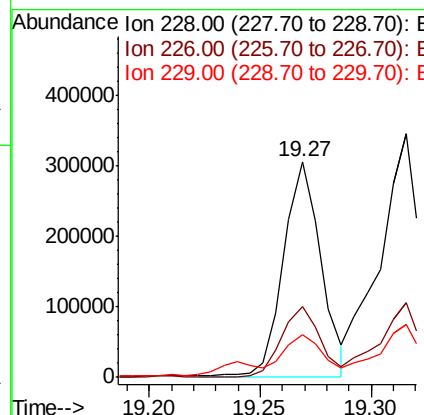
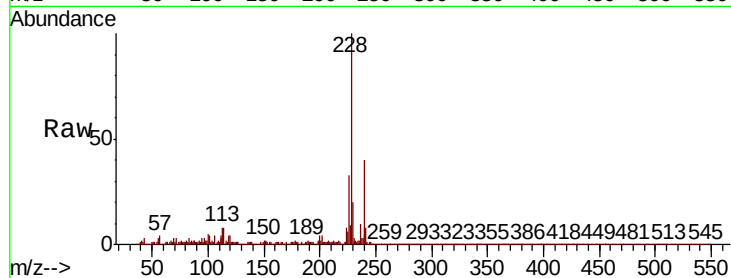
#81
Benzo(a)anthracene
Concen: 8.289 ng m
RT: 19.27 min Scan# 2921
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampled :
5-(2-4)

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	21.8	32.8#
229	19.9	15.6	23.4

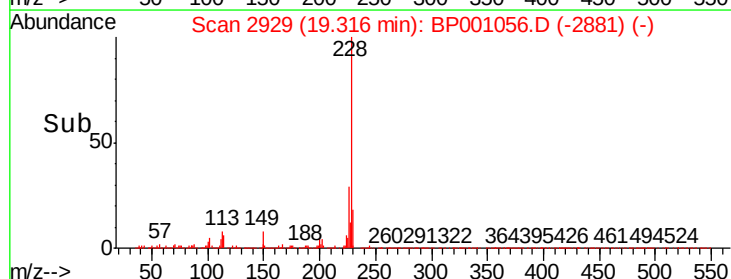
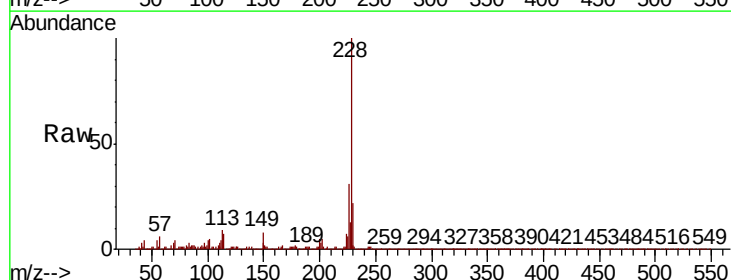
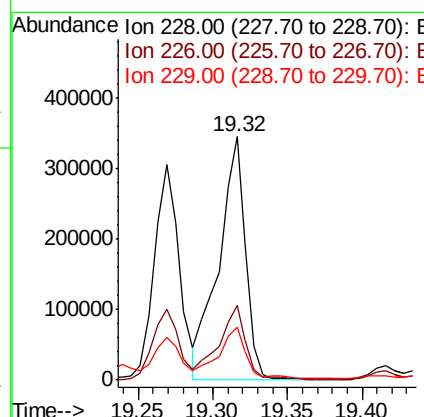
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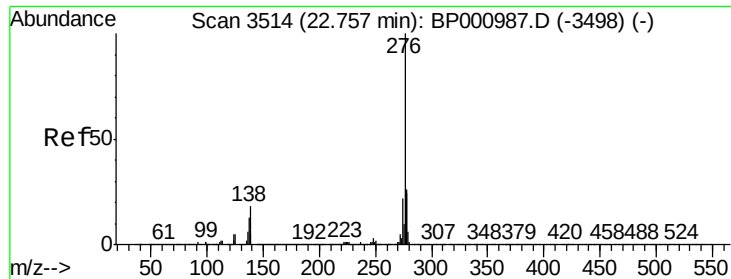
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#83
Chrysene
Concen: 11.272 ng
RT: 19.32 min Scan# 2929
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	21.7	15.8	23.6





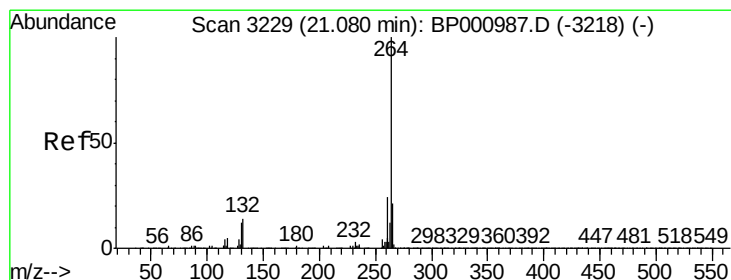
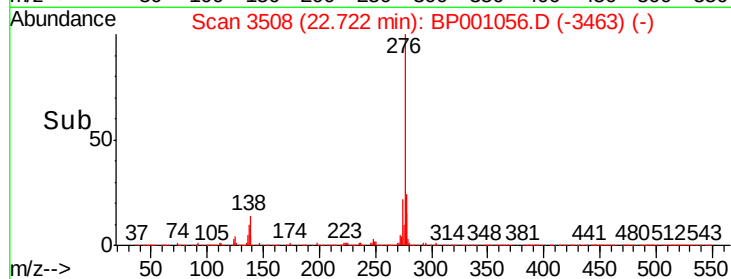
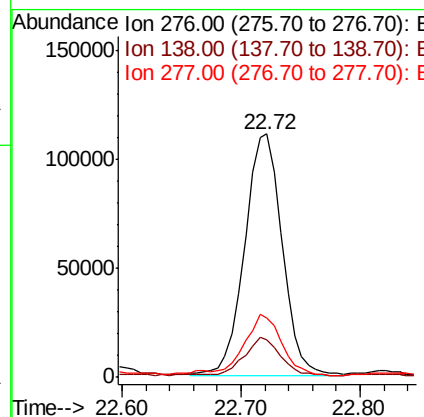
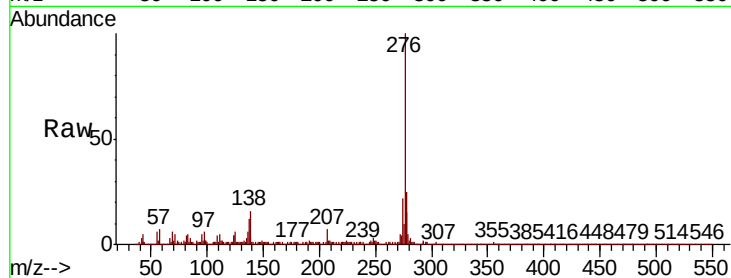
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.638 ng
RT: 22.72 min Scan# 3508
Delta R.T. -0.04 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampled :
5-(2-4)

Tot Ion	Ratio	Lower	Upper
276	100		
138	3.9	17.6	26.4#
277	5.8	20.2	30.4#

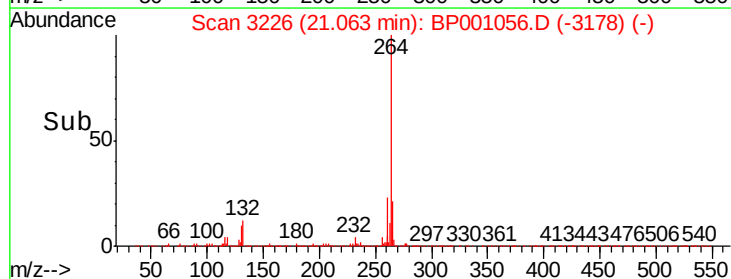
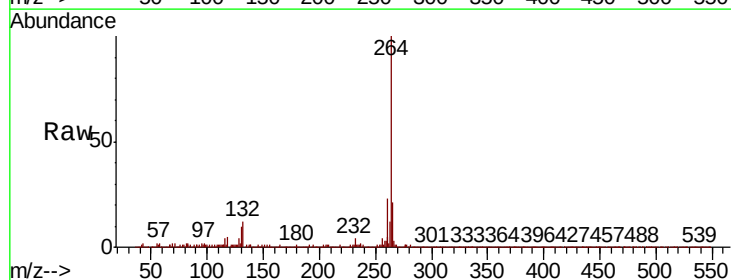
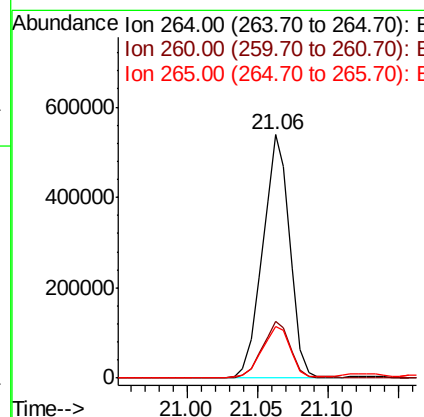
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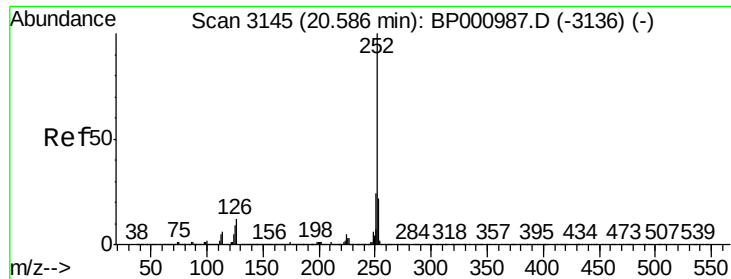
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#87
Perylene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3226
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	21.3	17.1	25.7





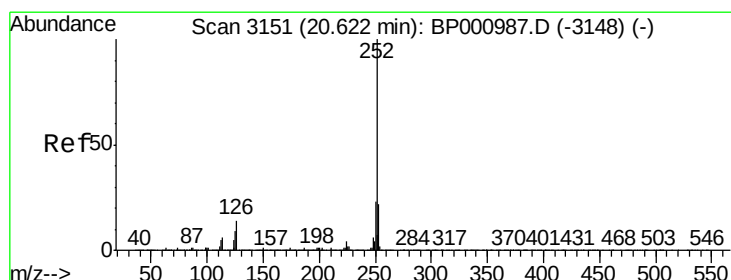
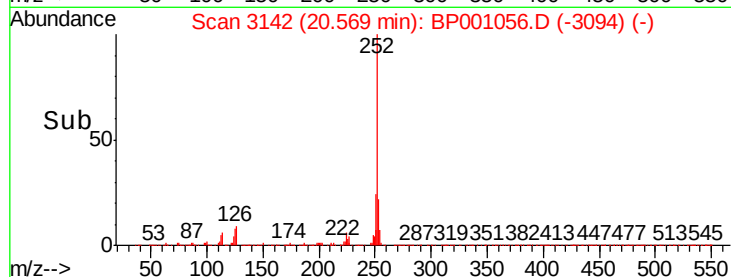
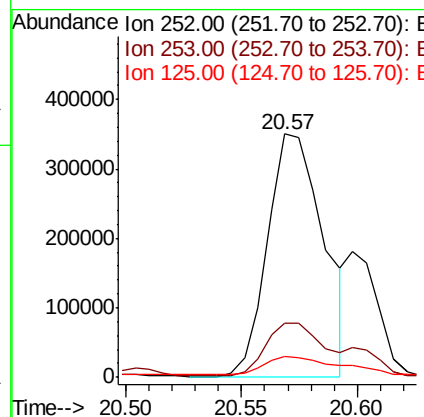
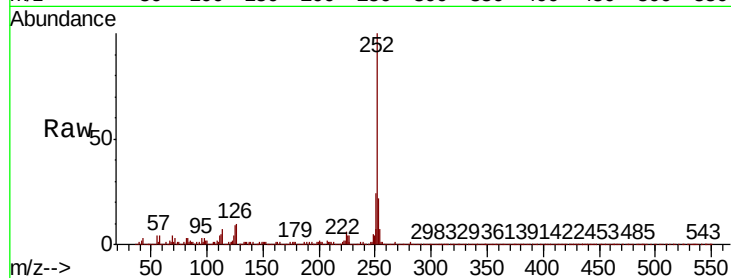
#88
Benzo(b)fluoranthene
Concen: 13.757 ng m
RT: 20.57 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampled :
5-(2-4)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.7	7.3	10.9

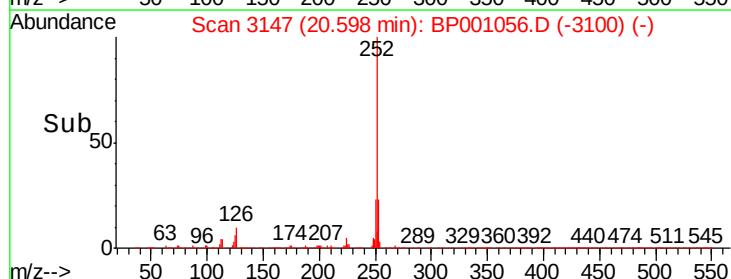
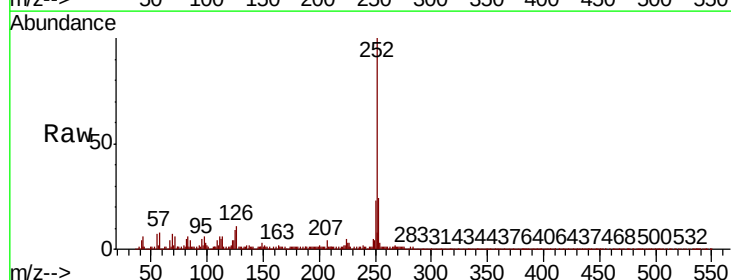
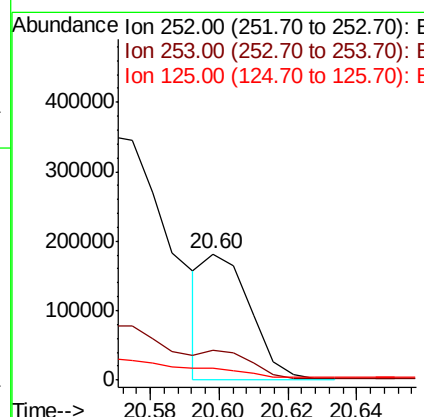
Manual Integrations
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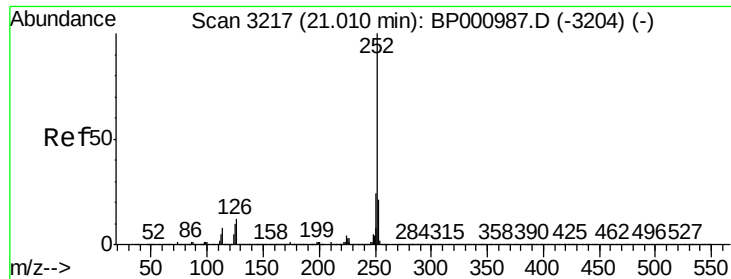
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#89
Benzo(k)fluoranthene
Concen: 4.134 ng m
RT: 20.60 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	9.0	7.3	10.9





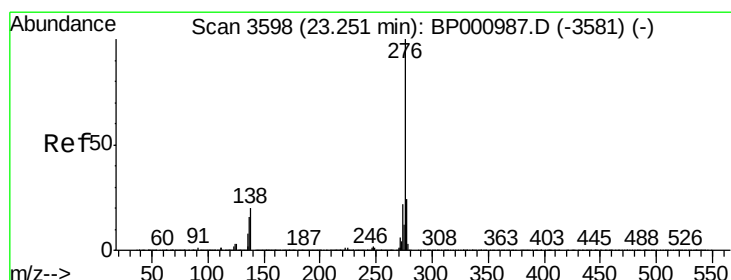
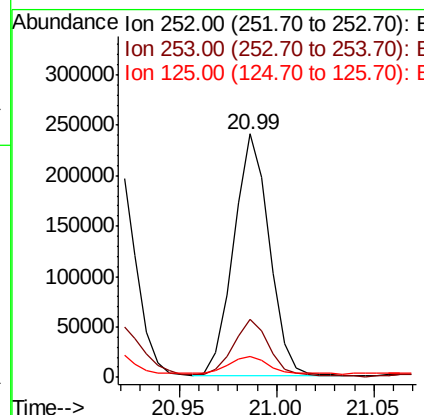
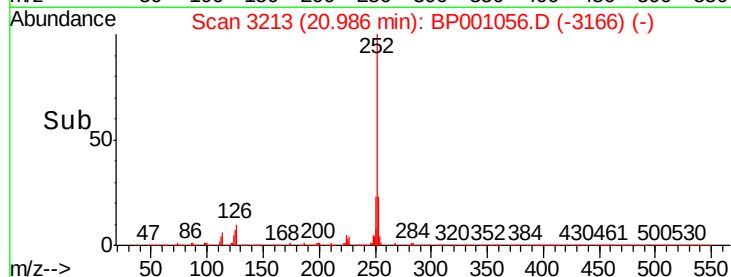
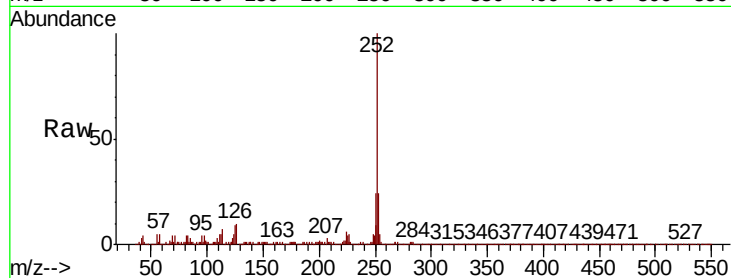
#90
Benzo(a)pyrene
Concen: 7.581 ng
RT: 20.99 min Scan# 3213
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :
5-(2-4)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	8.7	7.6	11.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.657 ng
RT: 23.21 min Scan# 3591
Delta R.T. -0.04 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.0	28.4
138	16.1	15.7	23.5

