

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001058.D
 Acq On : 16 Nov 2019 00:26
 Operator : JU
 Sample : K5832-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 5-(8-10)

Manual Integrations
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Quant Time: Nov 16 05:09:36 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	163460	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	608996	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	375917	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	775628	20.00	ng	-0.01
76) Chrysene-d12	19.28	240	664630	20.00	ng	-0.02
87) Perylene-d12	21.06	264	726914	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	526952	58.68	ng	0.00
7) Phenol-d6	7.81	99	922182	81.20	ng	0.00
23) Nitrobenzene-d5	9.24	82	609157	55.33	ng	-0.02
42) 2,4,6-Tribromophenol	14.55	330	220319	49.10	ng	-0.01
45) 2-Fluorobiphenyl	12.17	172	1290902	51.72	ng	-0.02
79) Terphenyl-d14	17.92	244	1759944	52.67	ng	-0.02
Target Compounds						
10) Phenol	7.83	94	30188	2.430	ng	95
50) Dimethylphthalate	12.83	163	232411	8.361	ng	99
71) Phenanthrene	15.68	178	384952	9.697	ng	99
72) Anthracene	15.76	178	78571	2.029	ng	97
75) Fluoranthene	17.39	202	381672	8.506	ng	98
78) Pyrene	17.69	202	518056	11.030	ng	98
81) Benzo(a)anthracene	19.27	228	217595	4.861	ng	94
83) Chrysene	19.32	228	236894	6.028	ng	98
88) Benzo(b)fluoranthene	20.57	252	246792m	5.696	ng	
90) Benzo(a)pyrene	20.99	252	163192	4.096	ng	98
92) Benzo(g,h,i)perylene	23.20	276	95695	2.337	ng	96

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

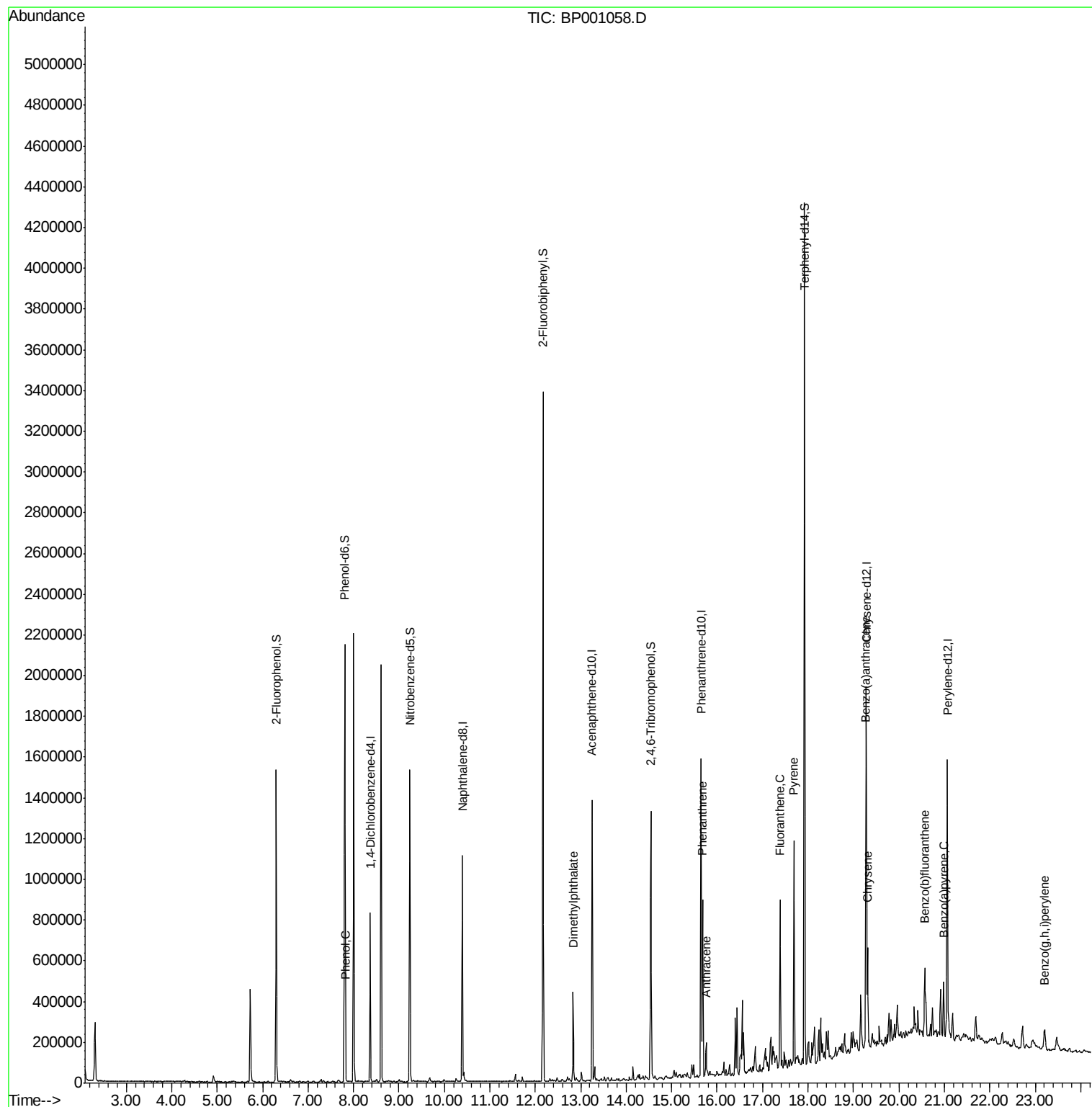
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001058.D
Acq On : 16 Nov 2019 00:26
Operator : JU
Sample : K5832-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

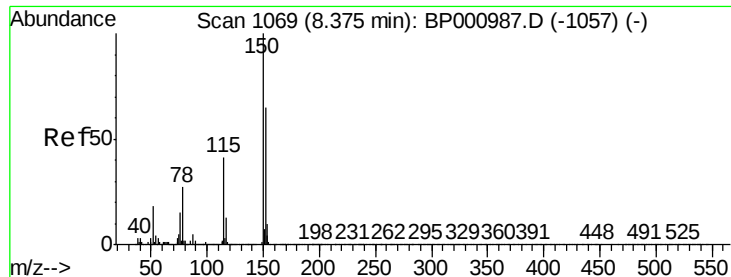
Instrument :
BNA_P
ClientSampleId :
5-(8-10)

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Quant Time: Nov 16 05:09:36 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BP001058.D

Acq: 16 Nov 2019 00:26

Instrument :

BNA_P

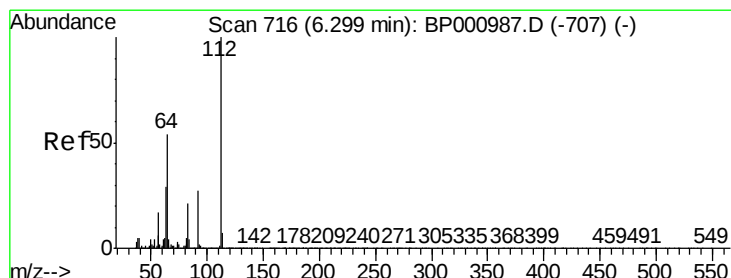
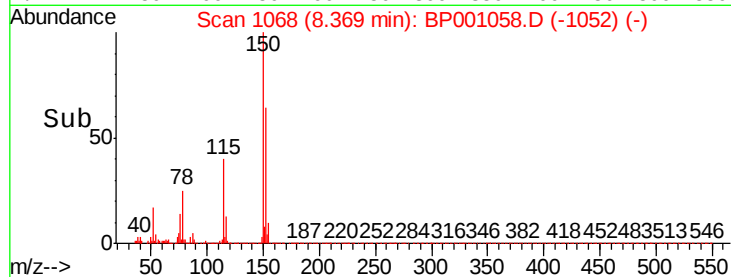
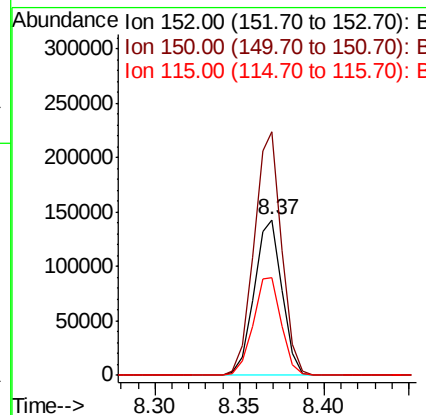
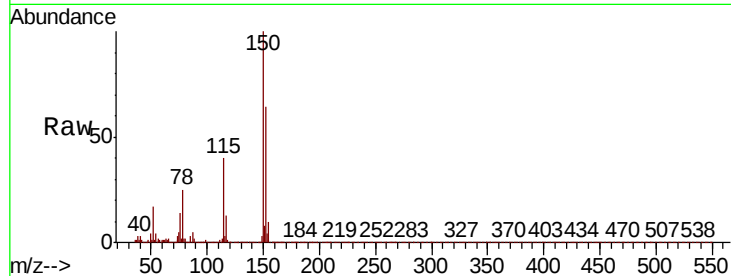
ClientSampleId :

5-(8-10)

Tot Ion:	152	Resp:	163460
Ion Ratio	Lower	Upper	
152	100		
150	156.6	123.6	185.4
115	62.7	50.1	75.1

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#5

2-Fluorophenol

Concen: 58.678 ng

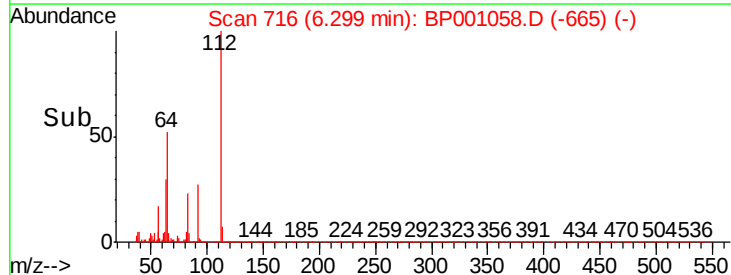
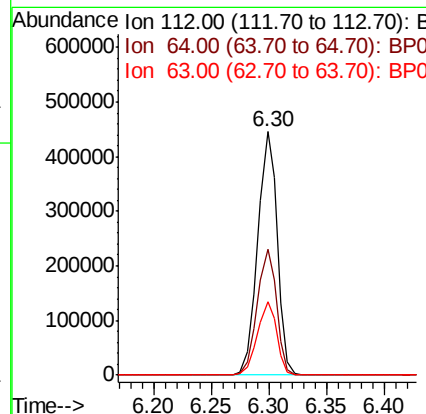
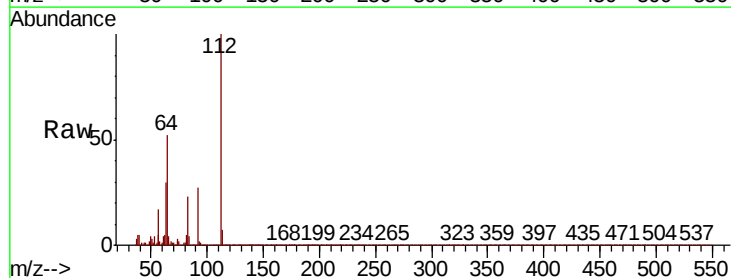
RT: 6.30 min Scan# 716

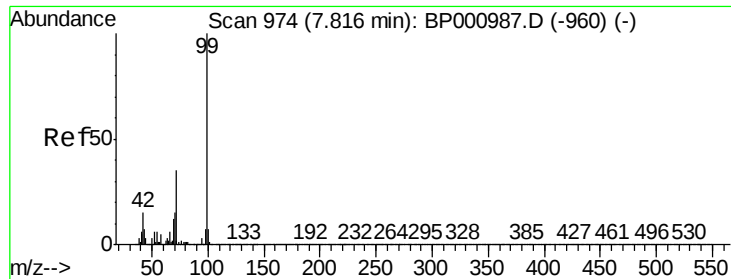
Delta R.T. -0.00 min

Lab File: BP001058.D

Acq: 16 Nov 2019 00:26

Tgt Ion:	112	Resp:	526952
Ion Ratio	Lower	Upper	
112	100		
64	51.6	43.4	65.0
63	30.2	23.4	35.0





#7

Phenol-d6

Concen: 81.204 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP001058.D

Acq: 16 Nov 2019 00:26

Instrument :

BNA_P

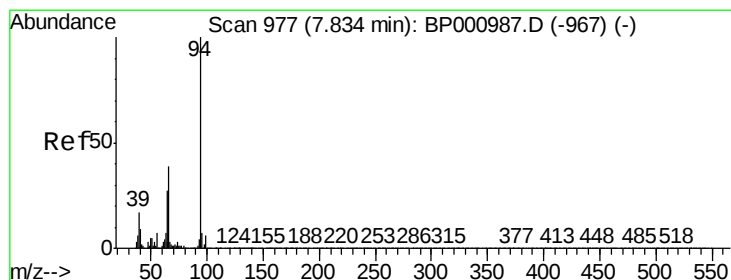
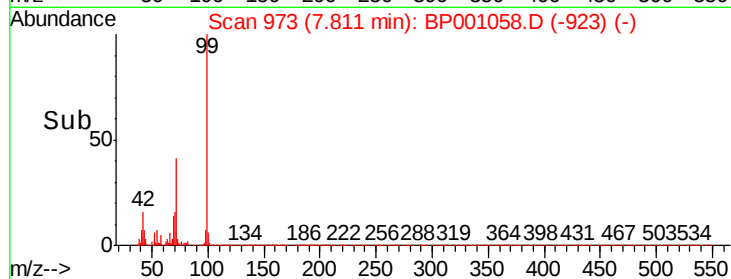
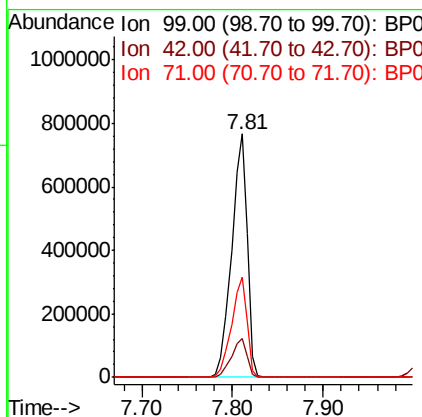
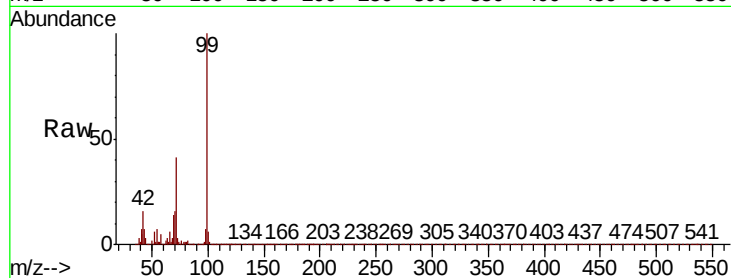
ClientSampled :

5-(8-10)

Tot Ion:	99	Resp:	922182
Ion Ratio	Lower	Upper	
99	100		
42	16.2	11.6	17.4
71	41.4	28.0	42.0

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#10

Phenol

Concen: 2.430 ng

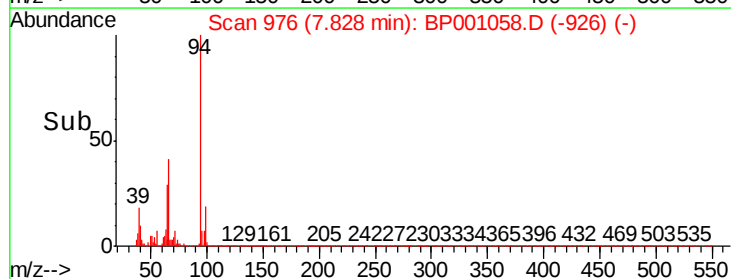
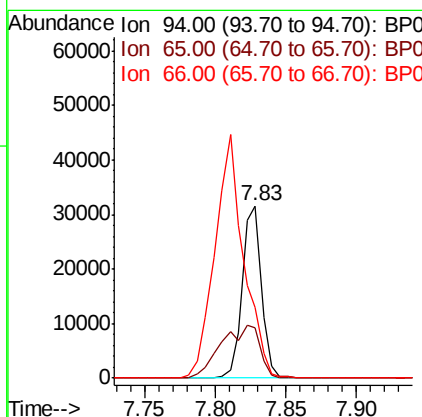
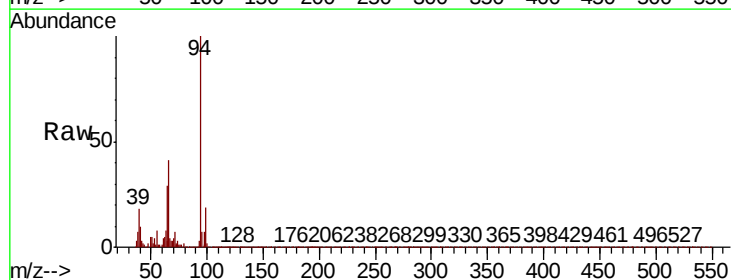
RT: 7.83 min Scan# 976

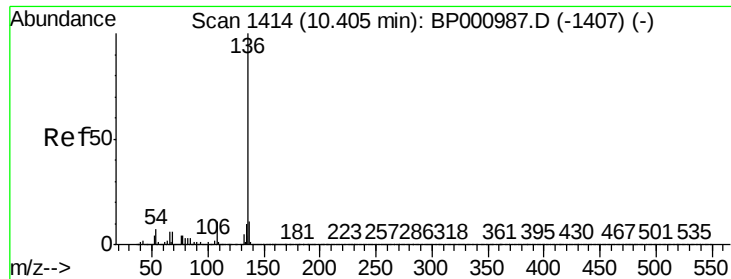
Delta R.T. -0.01 min

Lab File: BP001058.D

Acq: 16 Nov 2019 00:26

Tgt Ion:	94	Resp:	30188
Ion Ratio	Lower	Upper	
94	100		
65	29.0	6.7	46.7
66	41.3	18.6	58.6





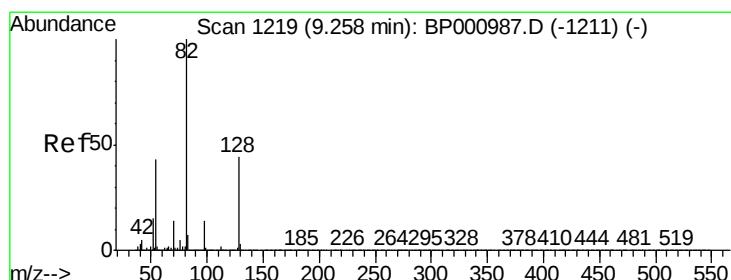
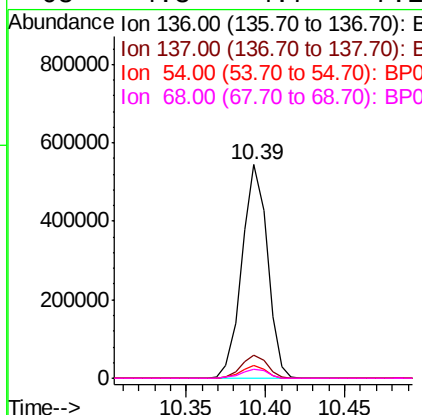
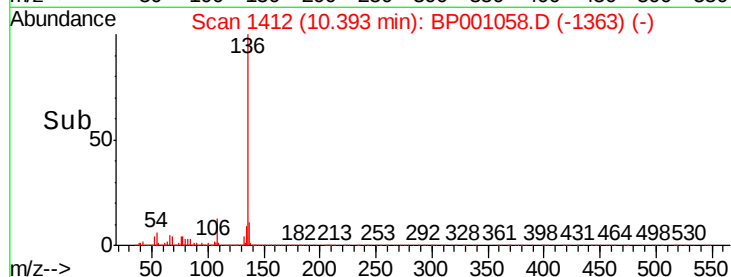
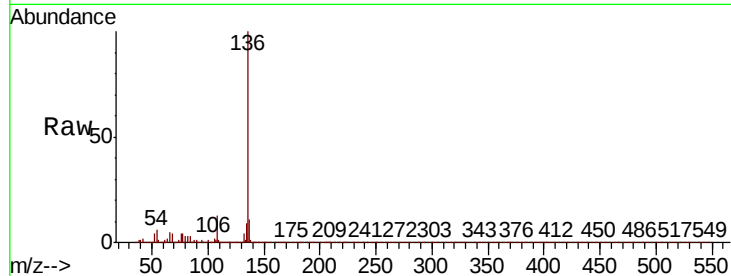
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Instrument :
BNA_P
ClientSampleId :
5-(8-10)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		608996		
137	10.6	9.0	13.6		
54	5.8	5.4	8.2		
68	4.3	4.7	7.1#		

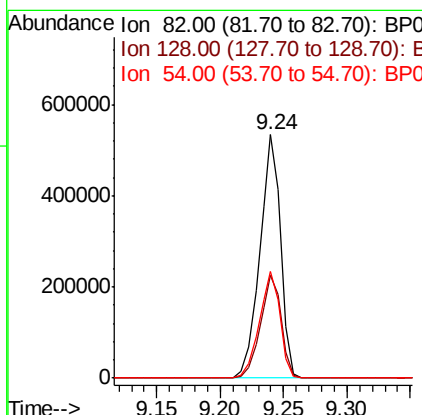
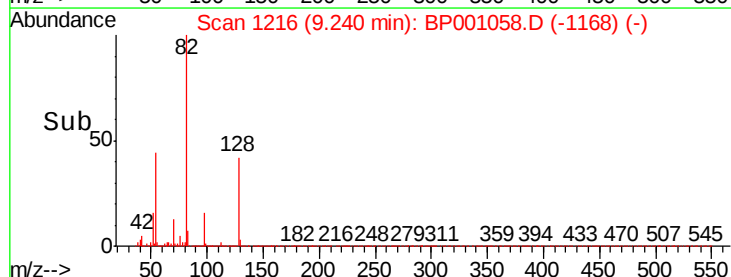
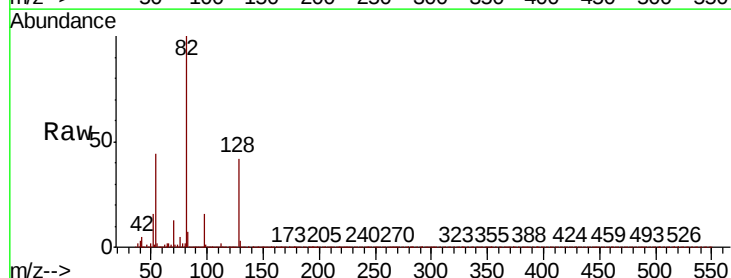
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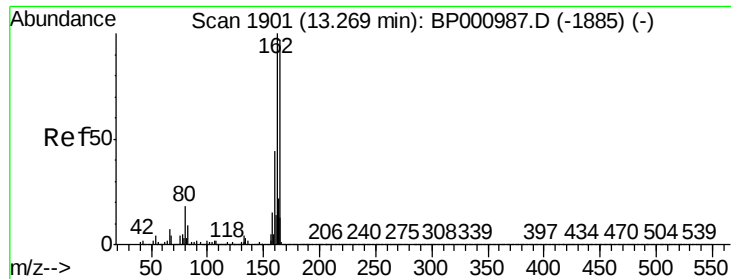
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#23
Nitrobenzene-d5
Concen: 55.331 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		609157		
128	42.1	35.3	52.9		
54	44.1	34.3	51.5		





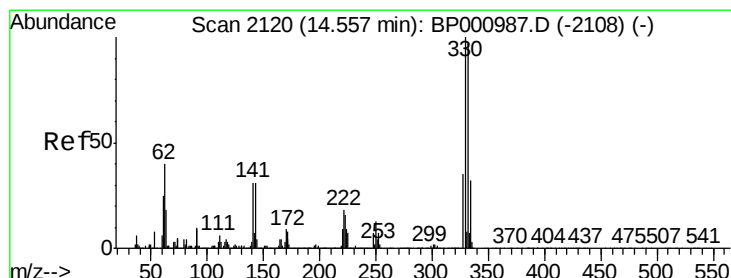
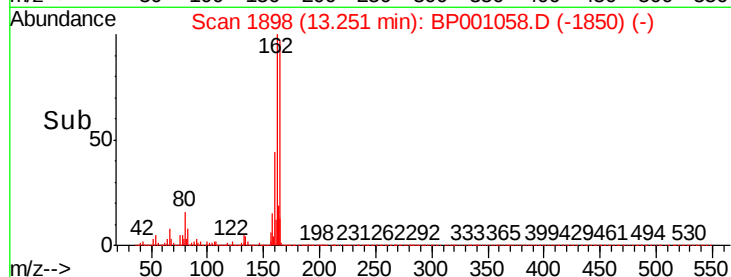
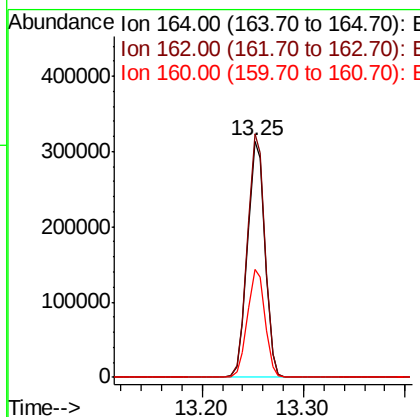
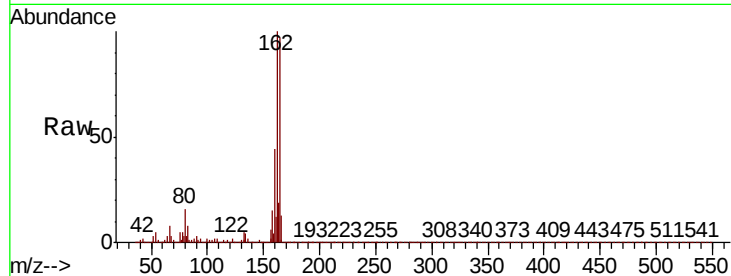
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Instrument :
BNA_P
ClientSampleId :
5-(8-10)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	45.6	36.5	54.7

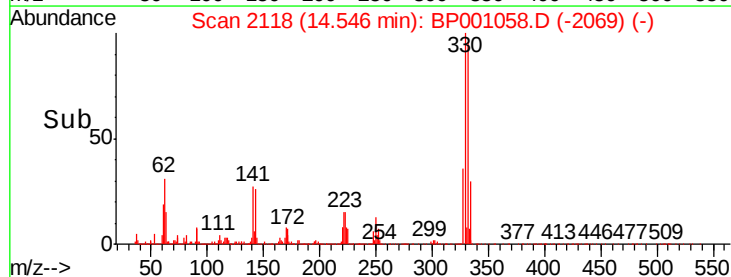
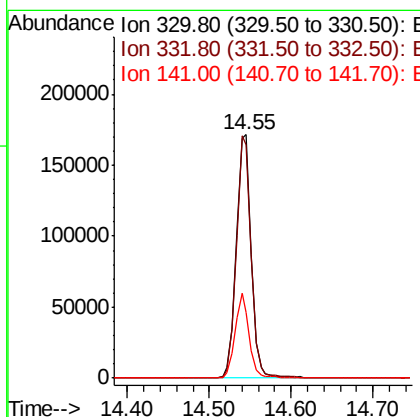
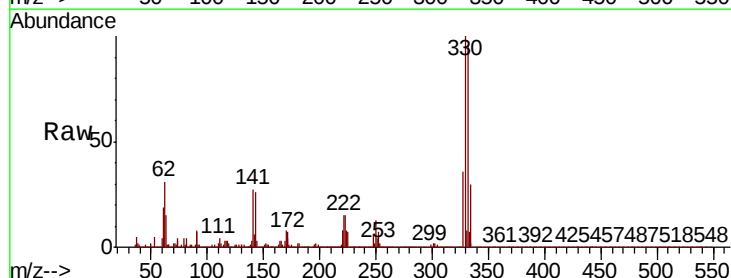
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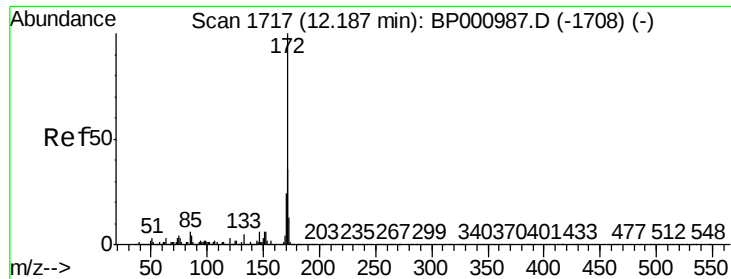
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#42
2,4,6-Tribromophenol
Concen: 49.095 ng
RT: 14.55 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.3	117.5
141	31.9	25.0	37.4





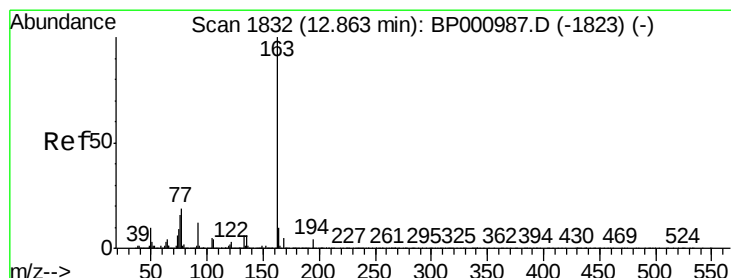
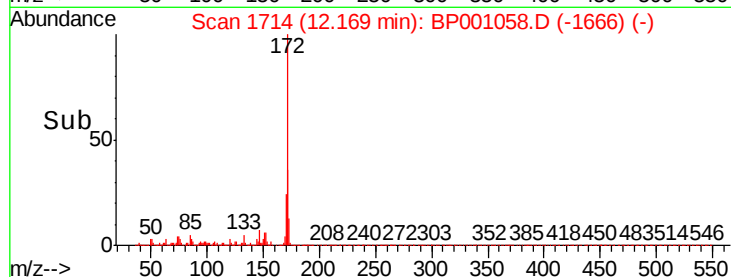
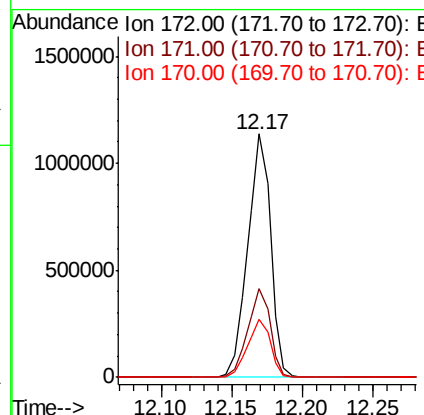
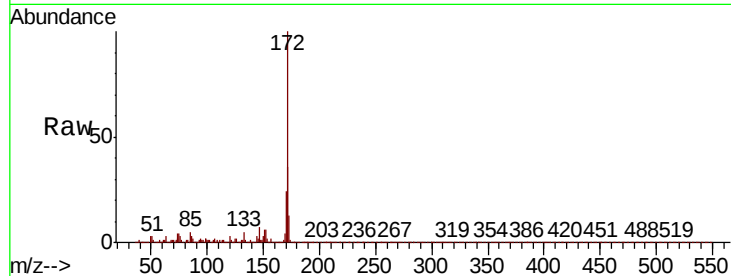
#45
2-Fluorobiphenyl
Concen: 51.719 ng
RT: 12.17 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Instrument :
BNA_P
ClientSampleId :
5-(8-10)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	23.7	18.9	28.3

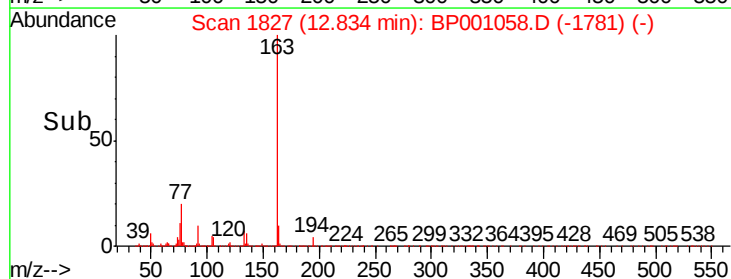
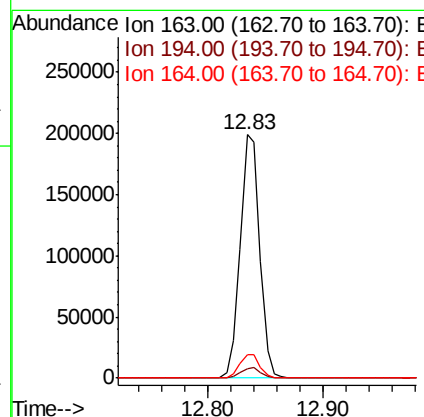
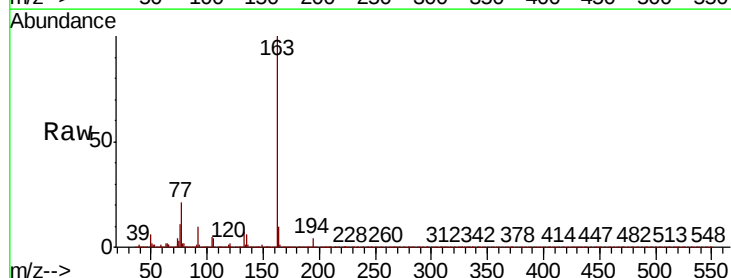
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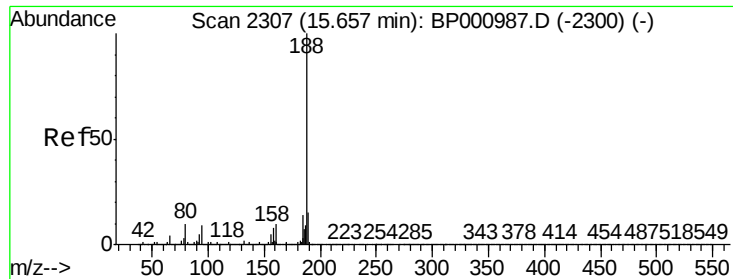
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#50
Dimethylphthalate
Concen: 8.361 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	9.7	7.9	11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.65 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BP001058.D

Acq: 16 Nov 2019 00:26

Instrument :

BNA_P

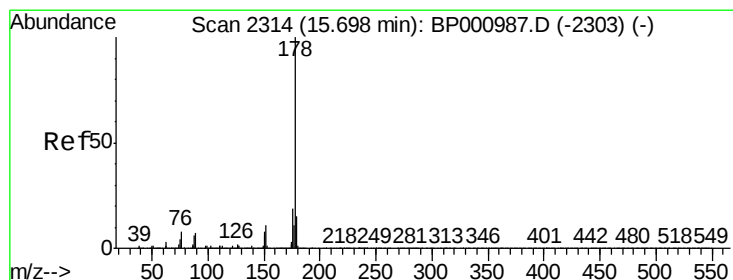
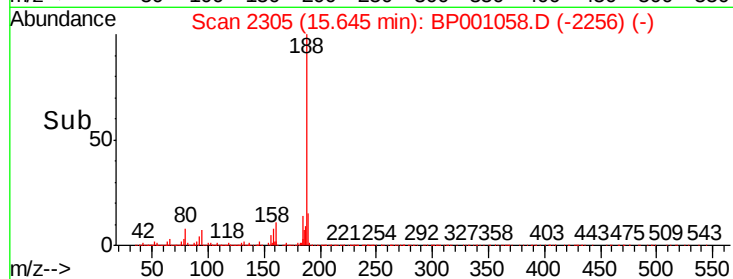
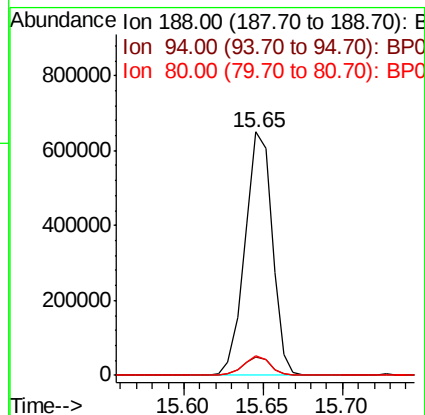
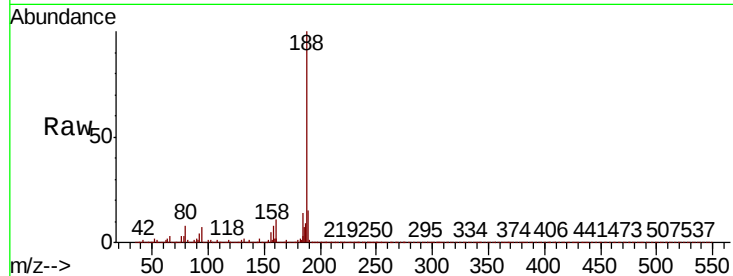
ClientSampleId :

5-(8-10)

Tot Ion:	188	Resp:	775628
Ion Ratio	Lower	Upper	
188	100		
94	7.4	7.4	11.2#
80	8.3	7.9	11.9

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#71

Phenanthrene

Concen: 9.697 ng

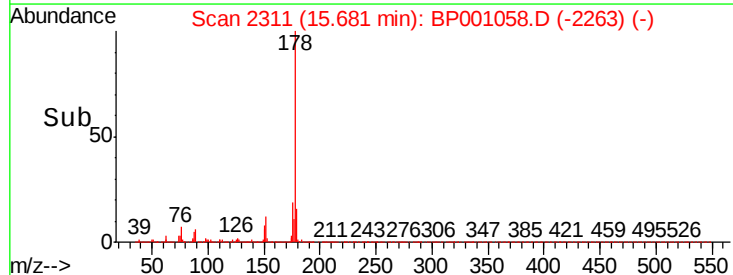
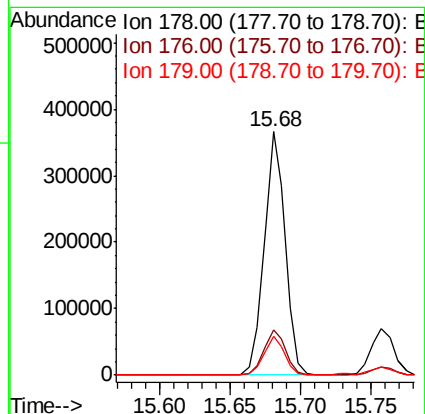
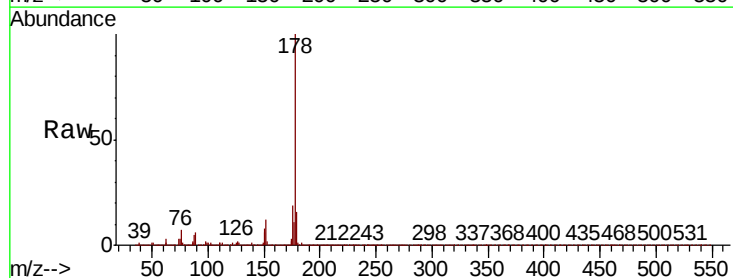
RT: 15.68 min Scan# 2311

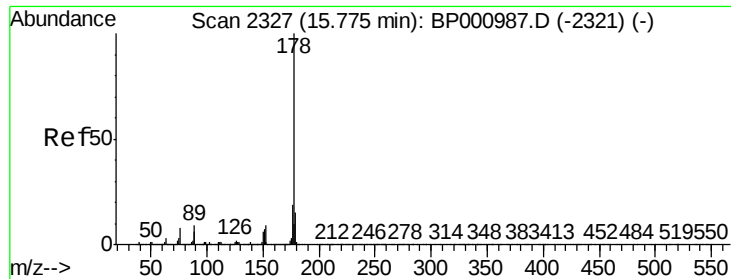
Delta R.T. -0.02 min

Lab File: BP001058.D

Acq: 16 Nov 2019 00:26

Tgt Ion:	178	Resp:	384952
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.5	23.3
179	15.9	12.3	18.5





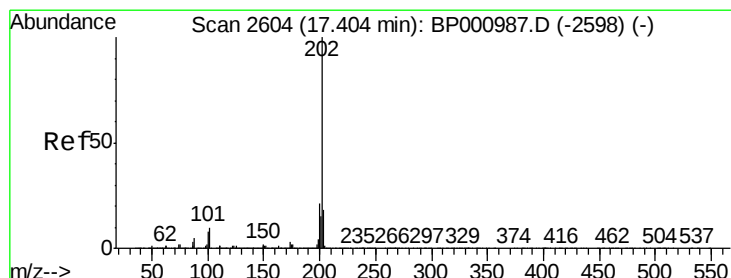
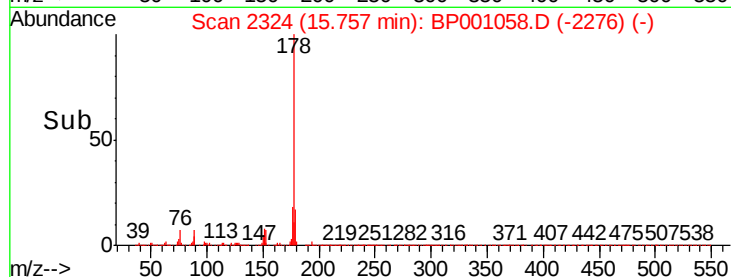
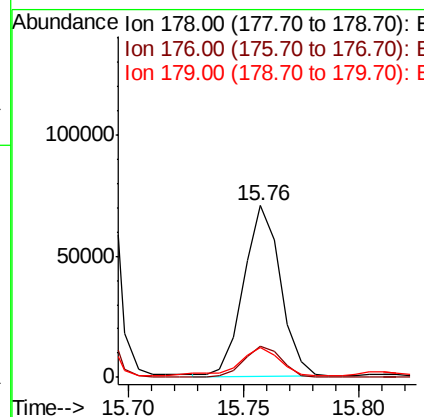
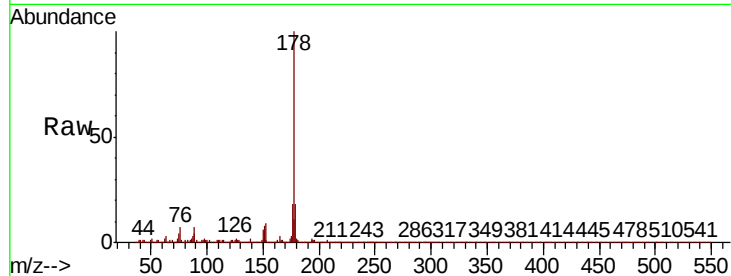
#72
 Anthracene
 Concen: 2.029 ng
 RT: 15.76 min Scan# 2324
 Delta R.T. -0.02 min
 Lab File: BP001058.D
 Acq: 16 Nov 2019 00:26

Instrument :
 BNA_P
 ClientSampleId :
 5-(8-10)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	17.7	12.3	18.5

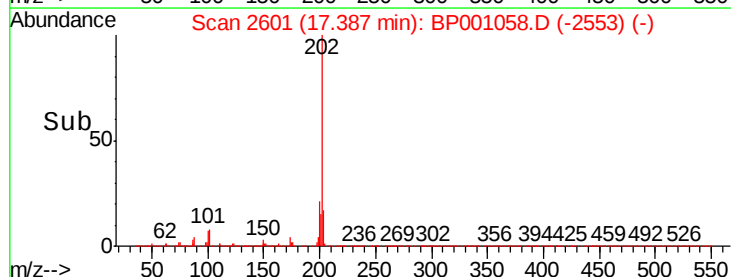
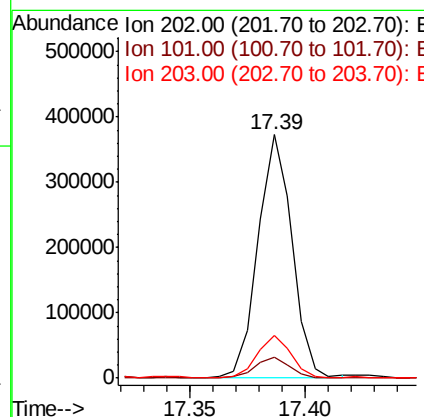
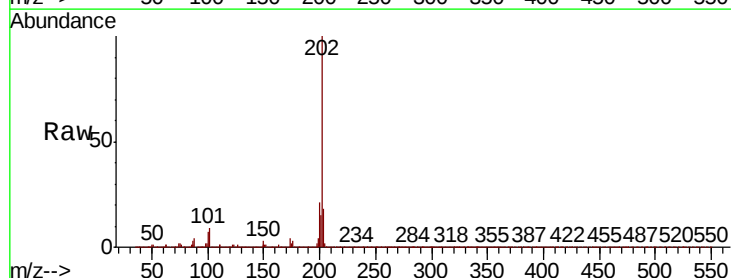
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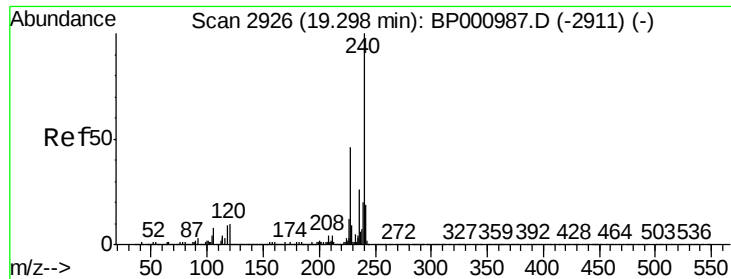
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#75
 Fluoranthene
 Concen: 8.506 ng
 RT: 17.39 min Scan# 2601
 Delta R.T. -0.02 min
 Lab File: BP001058.D
 Acq: 16 Nov 2019 00:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	30.1
203	17.5	0.0	37.7





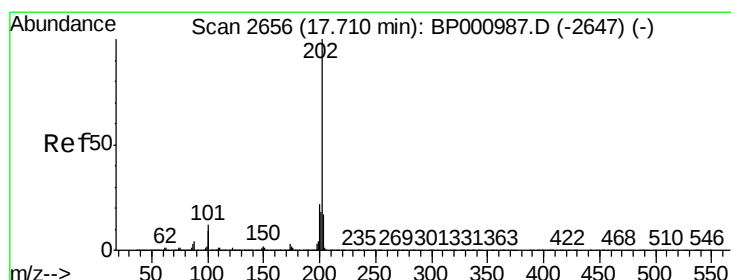
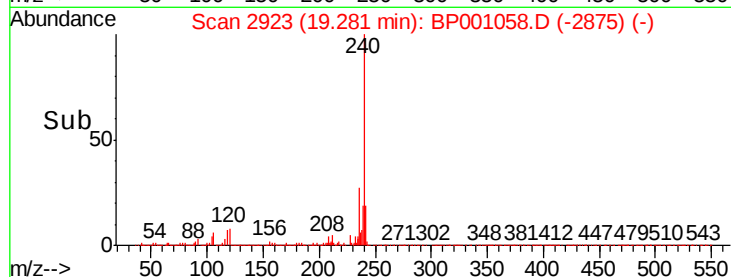
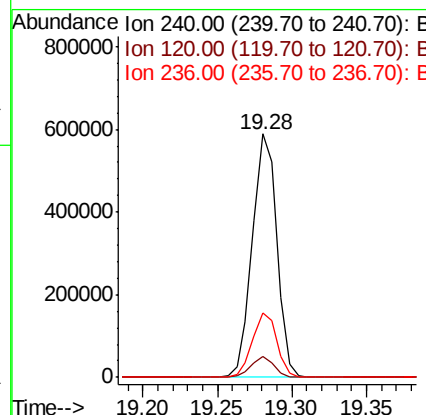
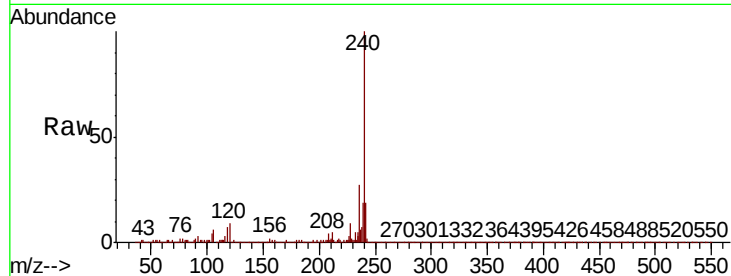
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.28 min Scan# 2923
 Delta R.T. -0.02 min
 Lab File: BP001058.D
 Acq: 16 Nov 2019 00:26

Instrument :
 BNA_P
 ClientSampleId :
 5-(8-10)

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.2	12.2
236	26.6	20.5	30.7

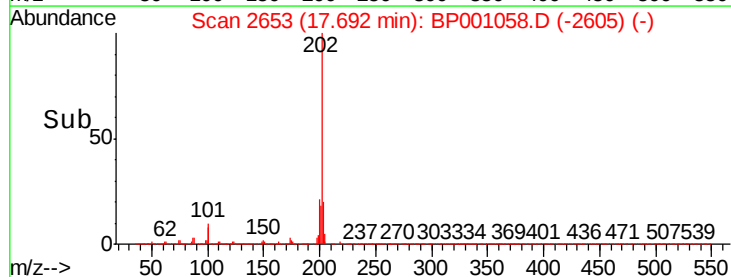
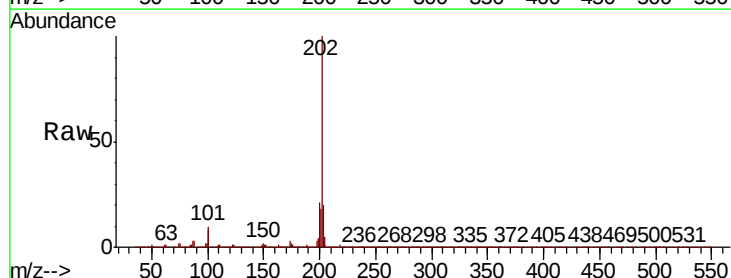
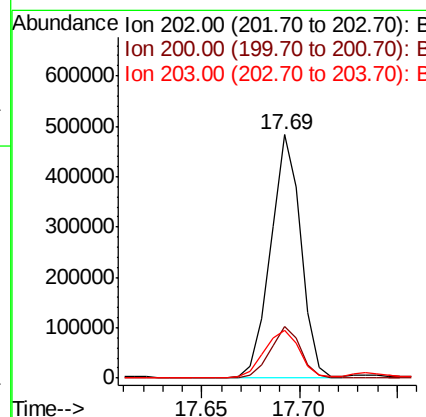
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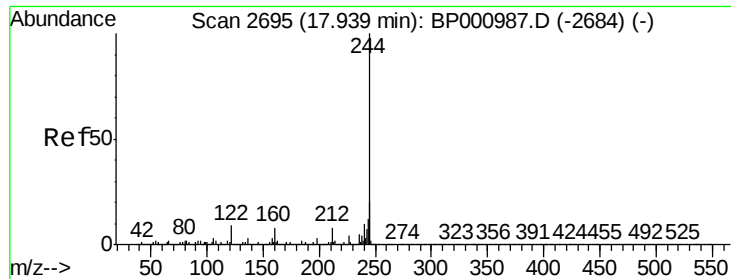
mohammad
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#78
 Pyrene
 Concen: 11.030 ng
 RT: 17.69 min Scan# 2653
 Delta R.T. -0.02 min
 Lab File: BP001058.D
 Acq: 16 Nov 2019 00:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	19.6	14.0	21.0





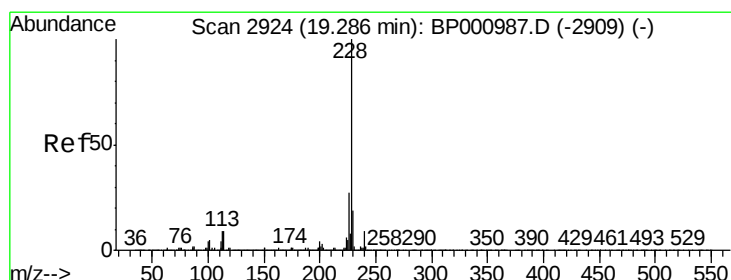
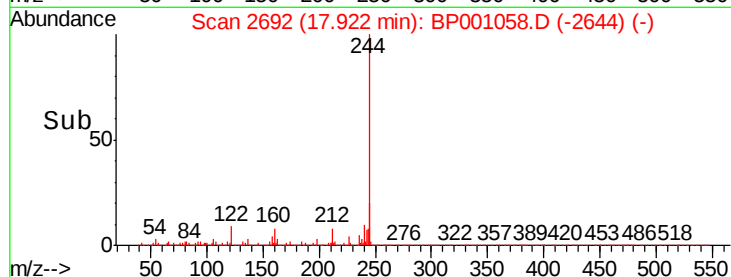
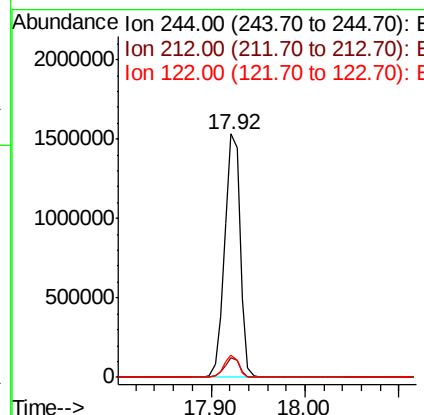
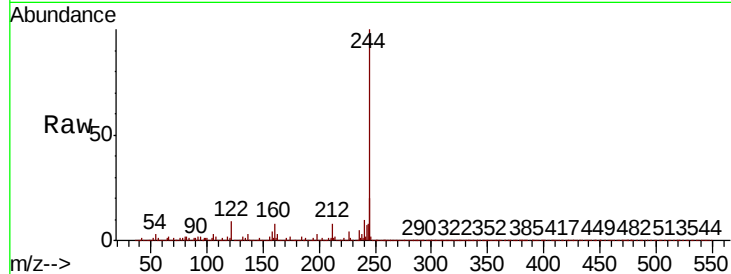
#79
 Terphenyl-d14
 Concen: 52.673 ng
 RT: 17.92 min Scan# 2692
 Delta R.T. -0.02 min
 Lab File: BP001058.D
 Acq: 16 Nov 2019 00:26

Instrument :
 BNA_P
 ClientSampleId :
 5-(8-10)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	9.2	7.4	11.2

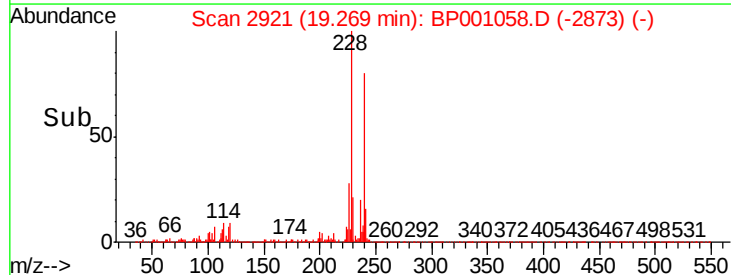
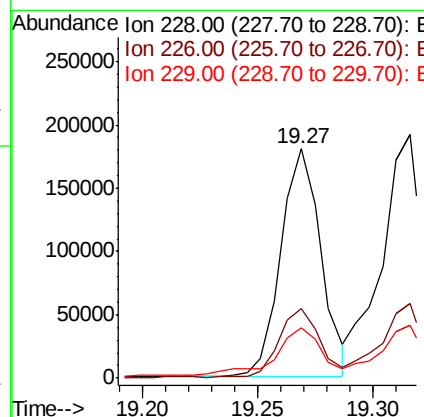
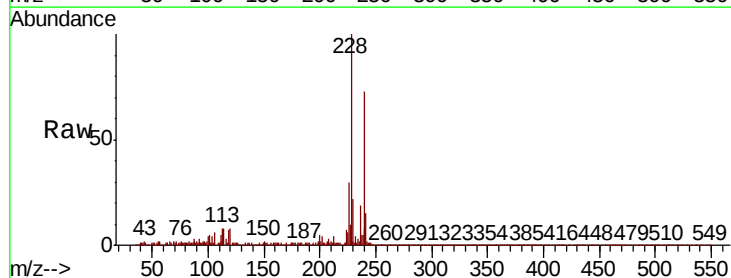
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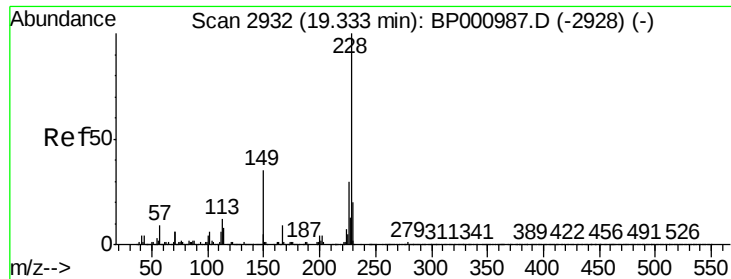
mohammad
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#81
 Benzo(a)anthracene
 Concen: 4.861 ng
 RT: 19.27 min Scan# 2921
 Delta R.T. -0.02 min
 Lab File: BP001058.D
 Acq: 16 Nov 2019 00:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.8	32.8
229	22.2	15.6	23.4





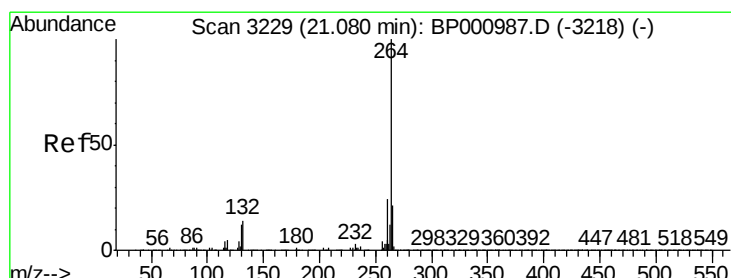
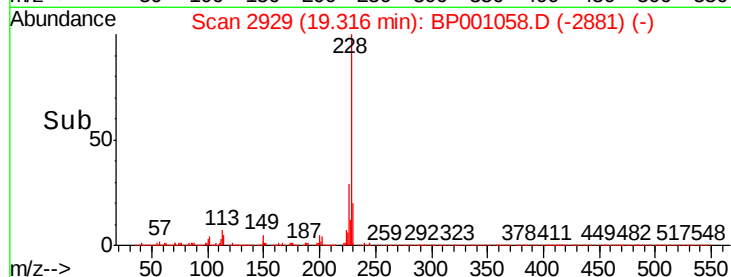
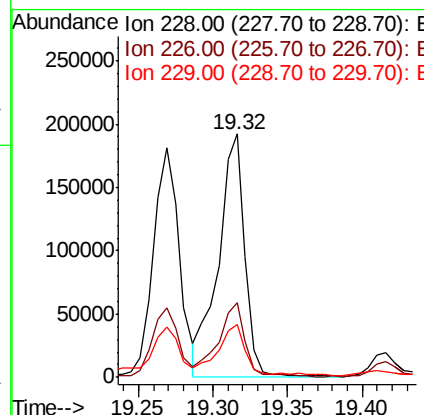
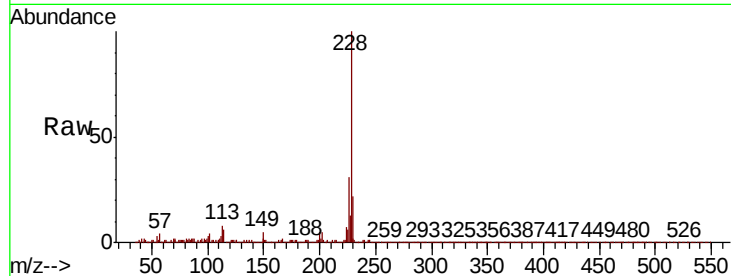
#83
Chrysene
Concen: 6.028 ng
RT: 19.32 min Scan# 2929
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Instrument :
BNA_P
ClientSampleId :
5-(8-10)

Tot Ion:	228	Resp:	236894
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.2	36.2
229	21.7	15.8	23.6

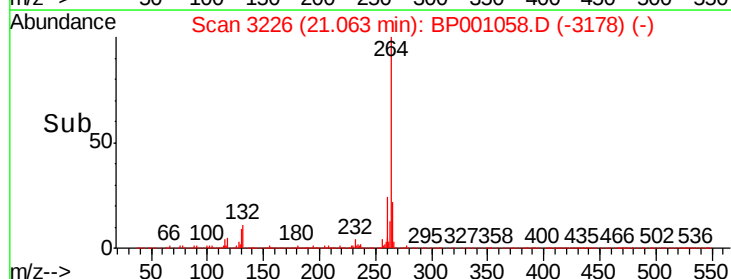
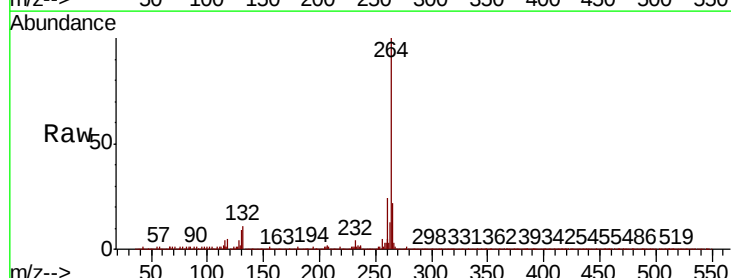
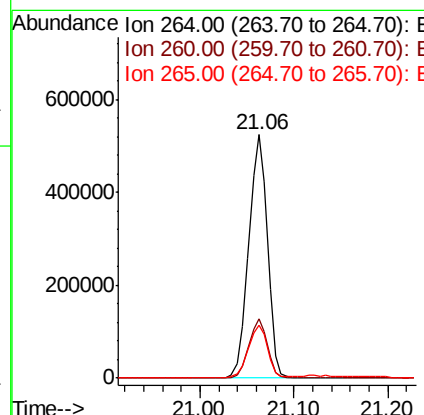
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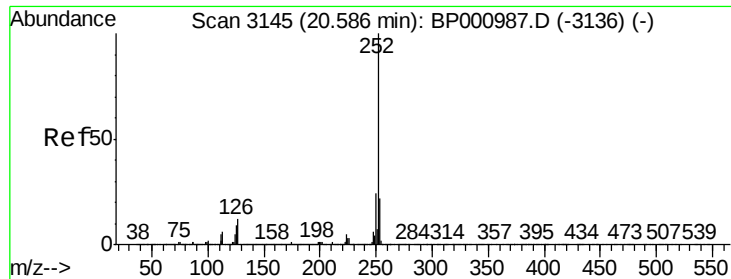
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3226
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion:	264	Resp:	726914
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.8	28.2
265	21.7	17.1	25.7





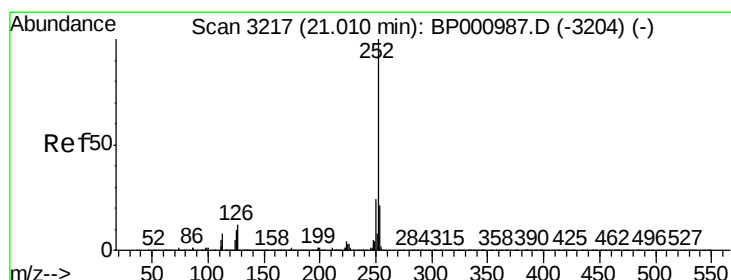
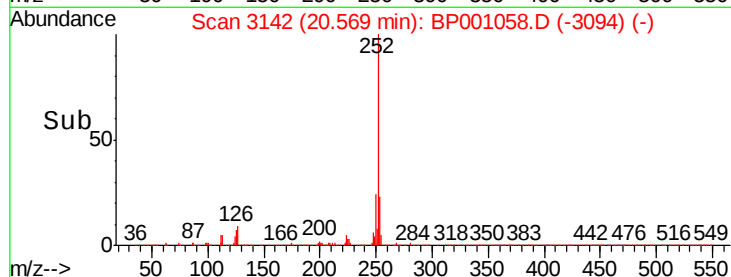
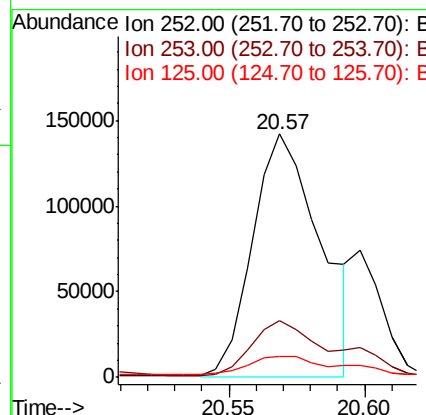
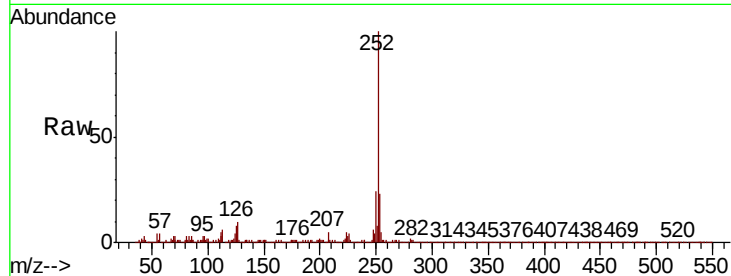
#88
Benzo(b)fluoranthene
Concen: 5.696 ng m
RT: 20.57 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Instrument :
BNA_P
ClientSampleId :
5-(8-10)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	8.4	7.3	10.9

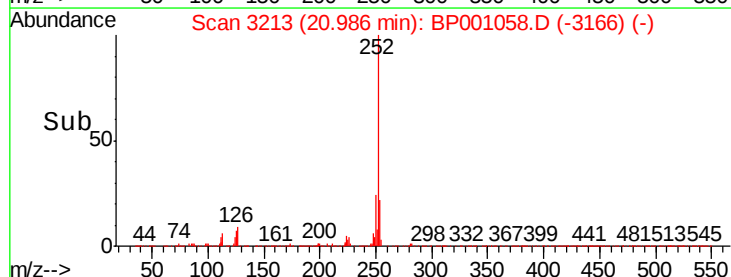
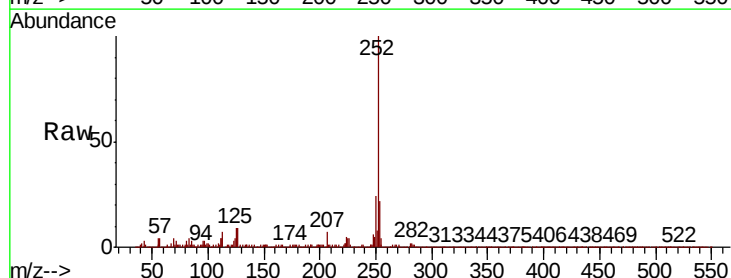
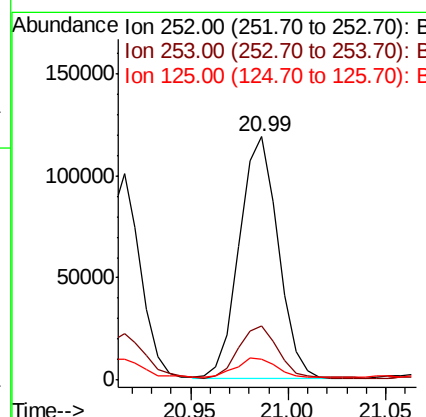
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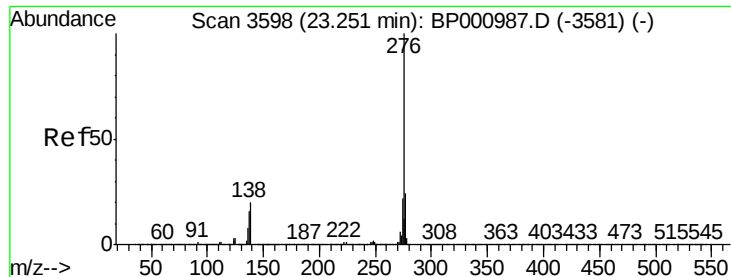
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#90
Benzo(a)pyrene
Concen: 4.096 ng
RT: 20.99 min Scan# 3213
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	8.6	7.6	11.4





#92
 Benzo(a,h,i)perylene
 Concen: 2.337 ng
 RT: 23.20 min Scan# 3590
 Delta R.T. -0.05 min
 Lab File: BP001058.D
 Acq: 16 Nov 2019 00:26

Instrument :
 BNA_P
 ClientSampleId :
 5-(8-10)

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	15.8	15.7	23.5

Manual Integrations
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