

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
 Data File : BP003275.D
 Acq On : 14 Sep 2020 18:57
 Operator : CG/JU
 Sample : L3981-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B17-4-6

Manual Integrations
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Quant Time: Sep 15 03:21:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	189137	20.00	ng	-0.01
21) Naphthalene-d8	10.42	136	740990	20.00	ng	-0.02
39) Acenaphthene-d10	14.28	164	418121	20.00	ng	-0.01
64) Phenanthrene-d10	17.04	188	750718	20.00	ng	0.00
76) Chrysene-d12	21.13	240	647697	20.00	ng	-0.01
86) Perylene-d12	23.37	264	776713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	602445	56.32	ng	0.00
7) Phenol-d6	6.83	99	730426	54.47	ng	0.00
23) Nitrobenzene-d5	8.79	82	451606	43.94	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	333506	58.98	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	1287429	45.09	ng	-0.02
79) Terphenyl-d14	19.62	244	1296119	44.03	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.75	163	101412	3.181	ng	99
68) Hexachlorobenzene	16.35	284	21042	2.133	ng	# 92
75) Fluoranthene	19.06	202	252173	5.364	ng	99
78) Pyrene	19.41	202	213547	5.080	ng	99
81) Benzo(a)anthracene	21.12	228	132881	3.275	ng	# 88
83) Chrysene	21.17	228	167412m	4.310	ng	
84) Bis(2-ethylhexyl)phthalate	21.06	149	92083	3.684	ng	99
87) Indeno(1,2,3-cd)pyrene	25.64	276	429793	7.420	ng	95
88) Benzo(b)fluoranthene	22.70	252	476553	9.872	ng	# 96
89) Benzo(k)fluoranthene	22.73	252	133399m	2.892	ng	
90) Benzo(a)pyrene	23.27	252	202235	4.516	ng	# 91
91) Dibenzo(a,h)anthracene	25.63	278	100541	2.113	ng	# 82
92) Benzo(a,h,i)perylene	26.33	276	538729	11.282	ng	99

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

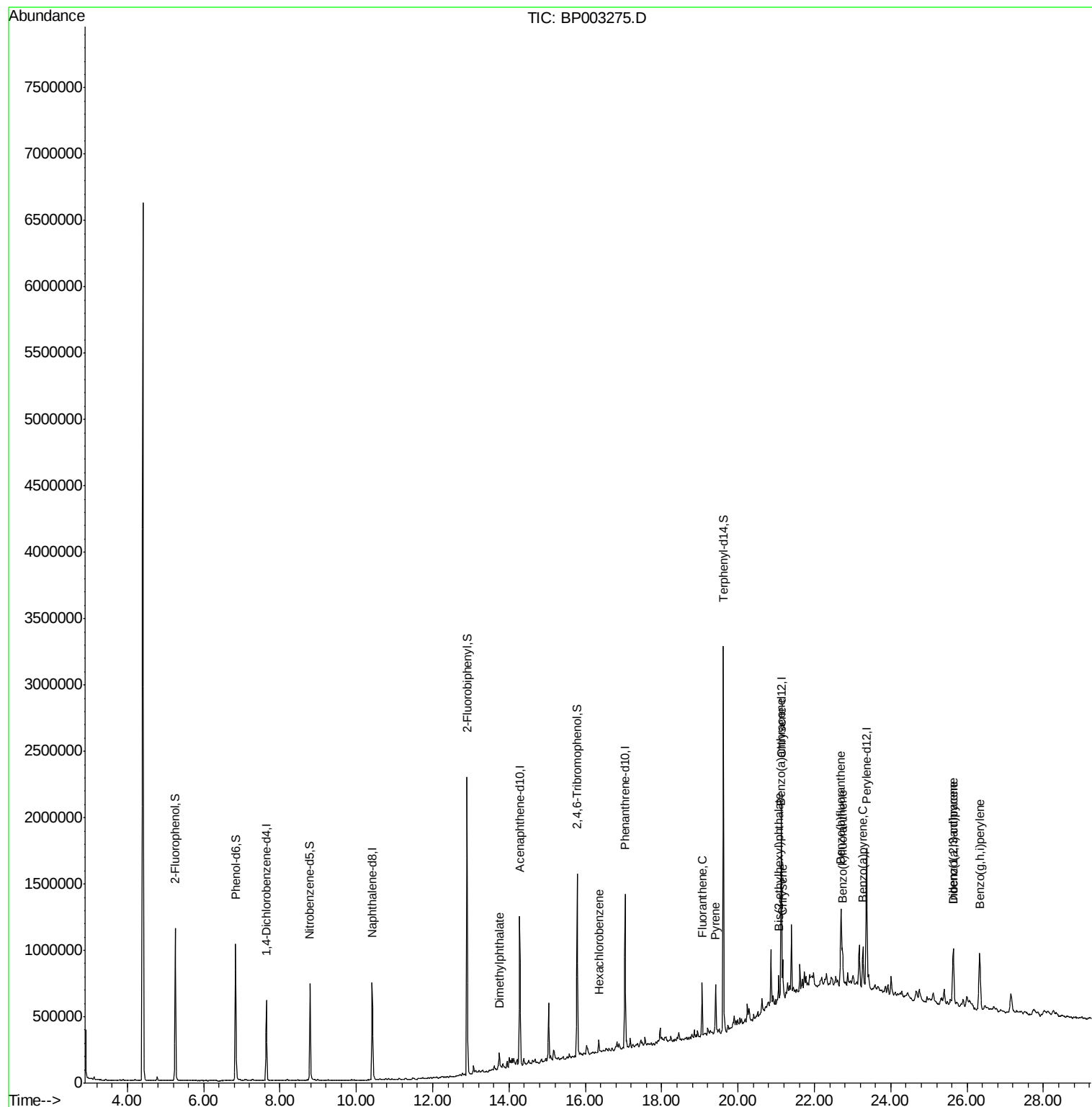
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Data File : BP003275.D
Acq On : 14 Sep 2020 18:57
Operator : CG/JU
Sample : L3981-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

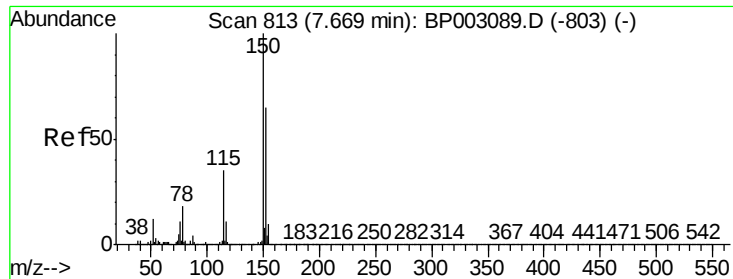
Instrument :
BNA_P
ClientSampleId :
B17-4-6

Quant Time: Sep 15 03:21:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration

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#1

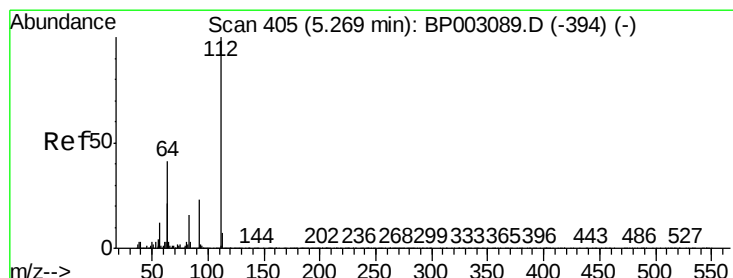
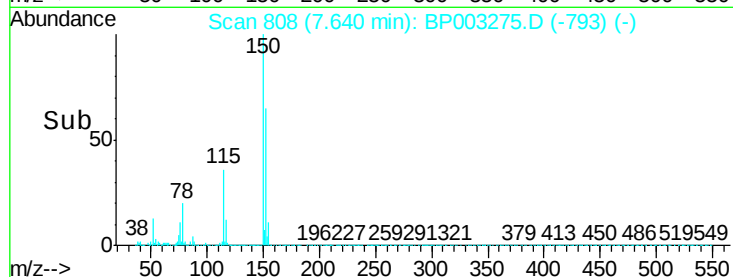
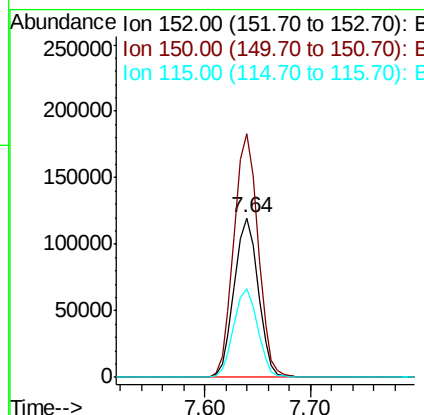
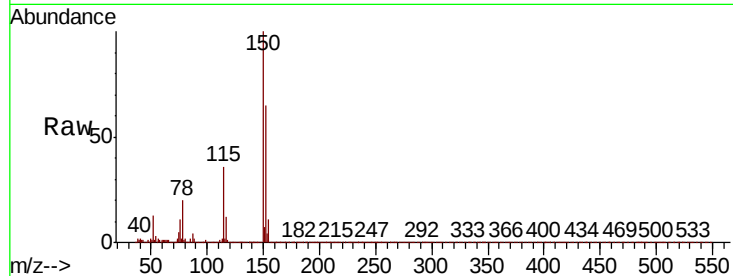
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 808
Delta R.T. -0.01 min
Lab File: BP003275.D
Acq: 14 Sep 2020 18:57

Instrument :
BNA_P
ClientSampled :
B17-4-6

Tot Ion	Ratio	Resp	Lower	Upper
152	100	189137		
150	152.8	123.8	185.6	
115	55.3	43.8	65.6	

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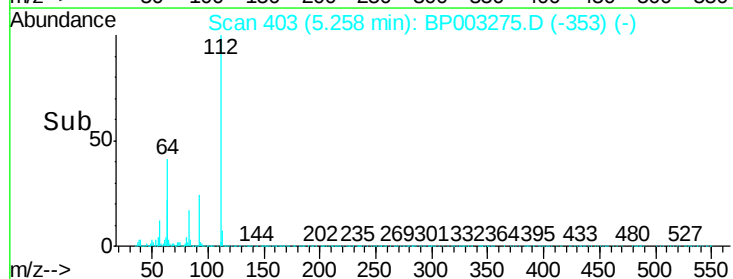
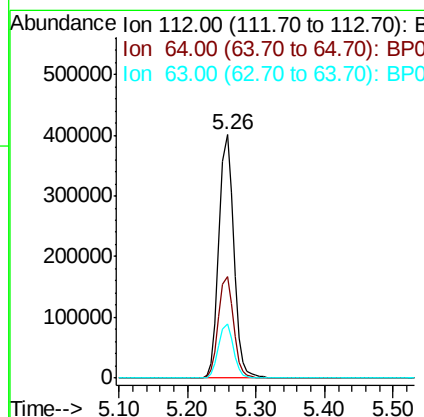
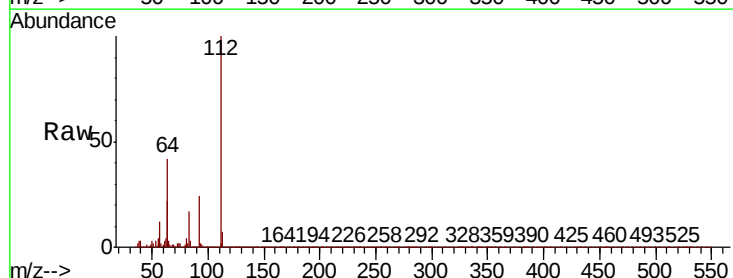
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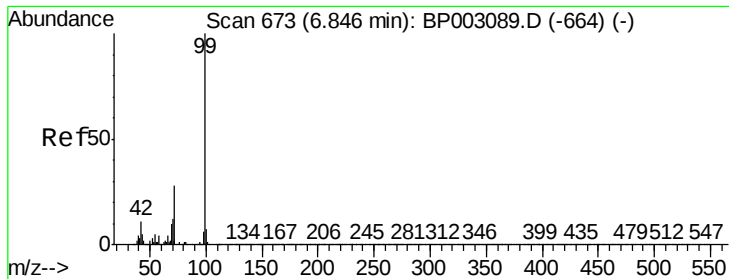


#5

2-Fluorophenol
Concen: 56.316 ng
RT: 5.26 min Scan# 403
Delta R.T. -0.01 min
Lab File: BP003275.D
Acq: 14 Sep 2020 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	602445		
64	41.5	32.8	49.2	
63	22.1	17.0	25.4	





#7

Phenol-d6

Concen: 54.468 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003275.D

Acq: 14 Sep 2020 18:57

Instrument :

BNA_P

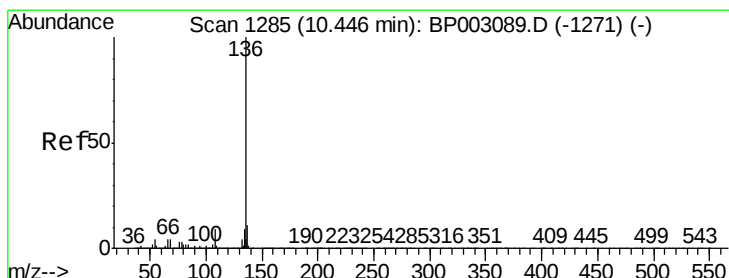
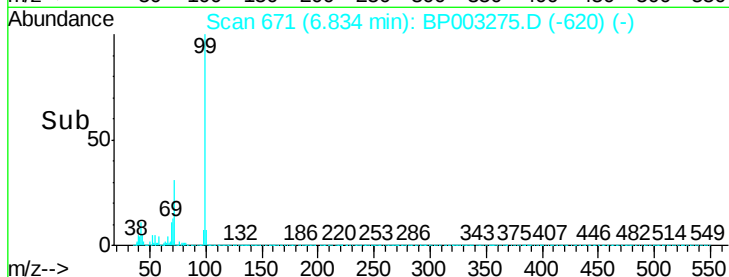
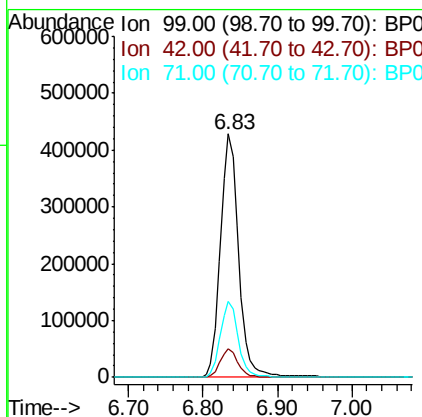
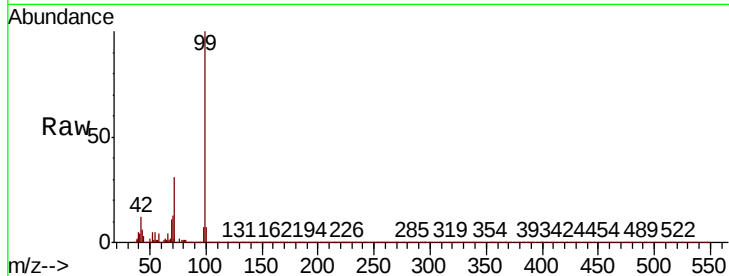
ClientSampleId :

B17-4-6

Tot Ion:	99	Resp:	730426
Ion Ratio	Lower	Upper	
99	100		
42	11.5	8.6	13.0
71	31.4	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.000 ng

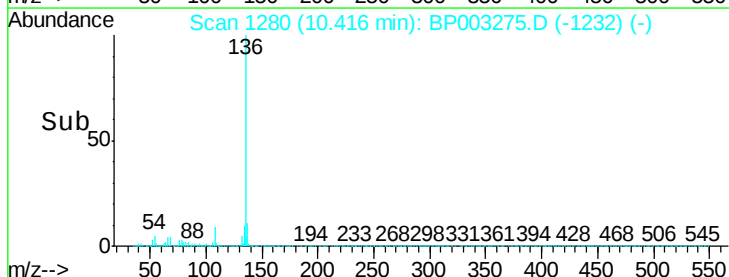
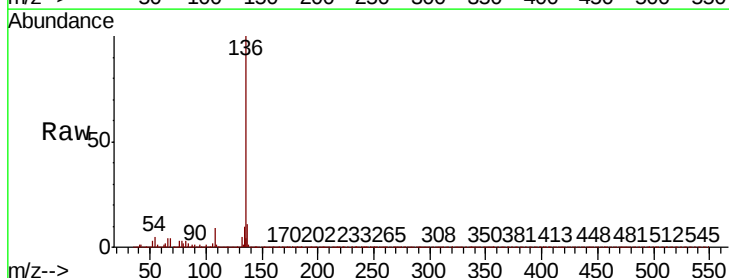
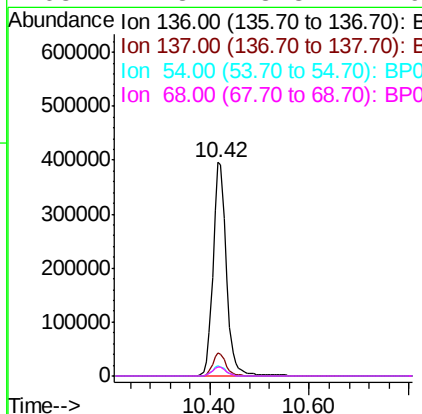
RT: 10.42 min Scan# 1280

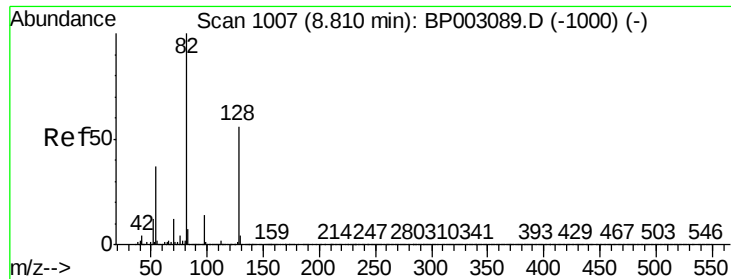
Delta R.T. -0.02 min

Lab File: BP003275.D

Acq: 14 Sep 2020 18:57

Tgt Ion:	136	Resp:	740990
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	4.9	3.6	5.4
68	4.3	3.3	4.9





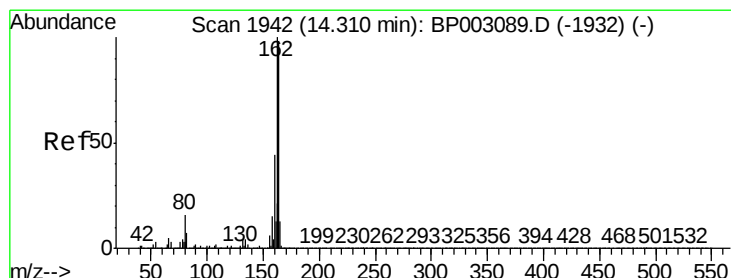
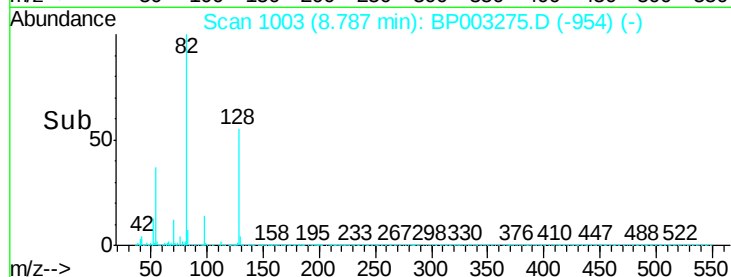
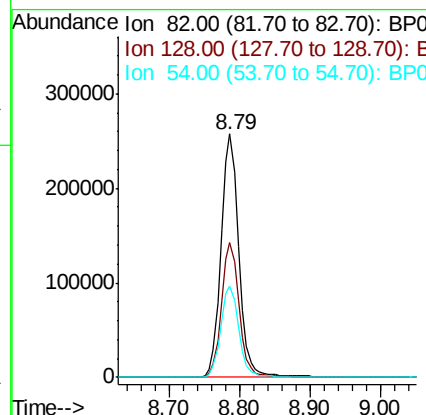
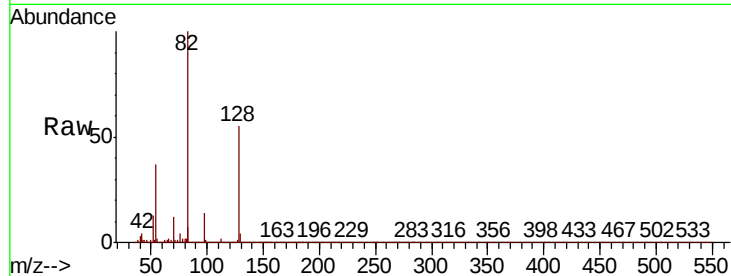
#23
 Nitrobenzene-d5
 Concen: 43.937 ng
 RT: 8.79 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BP003275.D
 Acq: 14 Sep 2020 18:57

Instrument :
 BNA_P
 ClientSampleId :
 B17-4-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	55.5	45.6	68.4
54	37.4	30.1	45.1

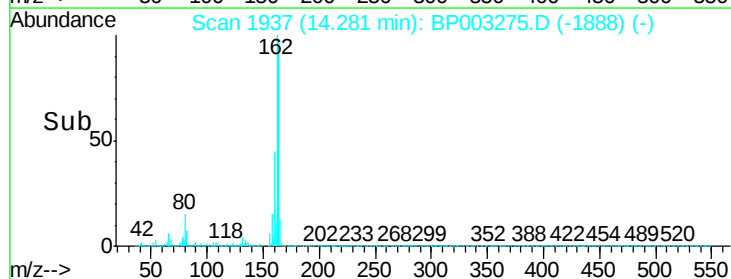
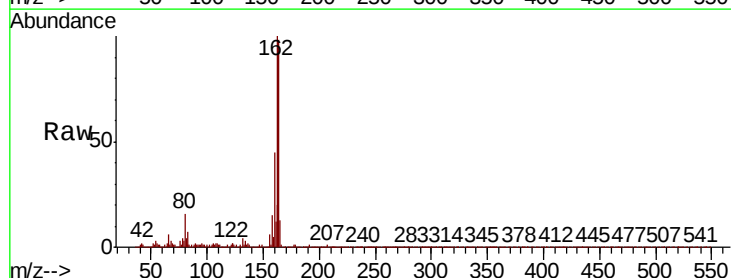
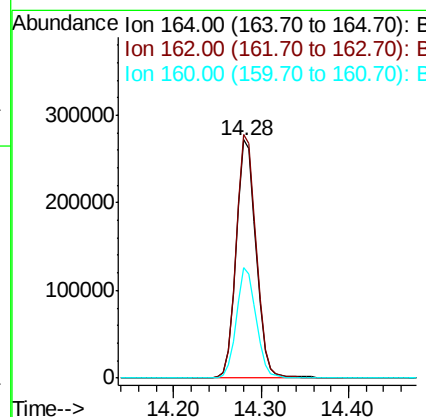
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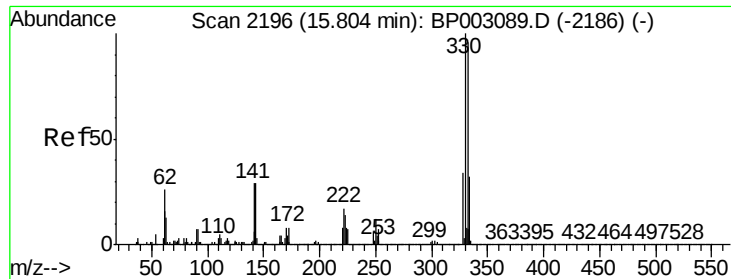
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.28 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BP003275.D
 Acq: 14 Sep 2020 18:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	79.4	119.2
160	46.4	36.1	54.1





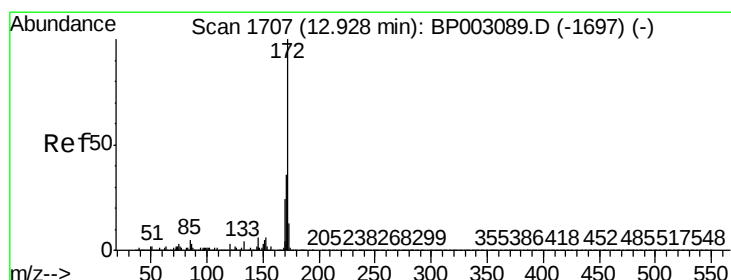
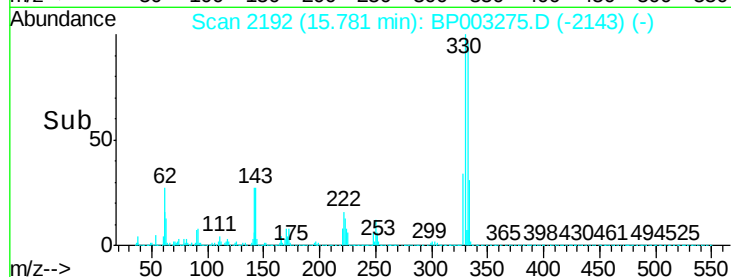
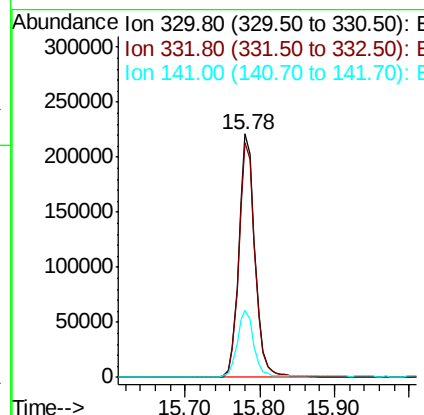
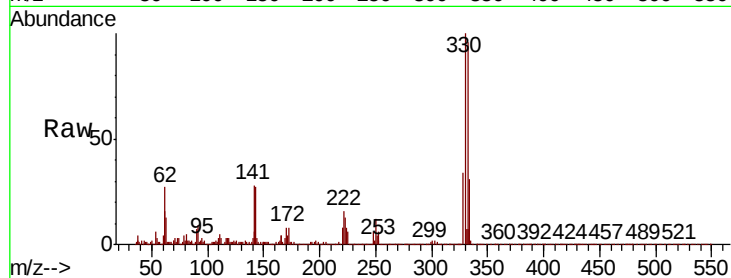
#42
 2,4,6-Tribromophenol
 Concen: 58.976 ng
 RT: 15.78 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BP003275.D
 Acq: 14 Sep 2020 18:57

Instrument :
 BNA_P
 ClientSampled :
 B17-4-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	333506		
332	96.6		77.1	115.7
141	27.7		23.4	35.2

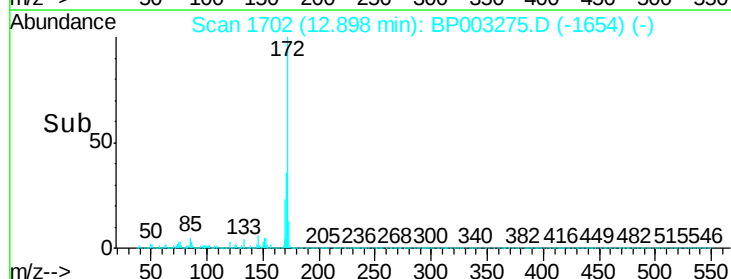
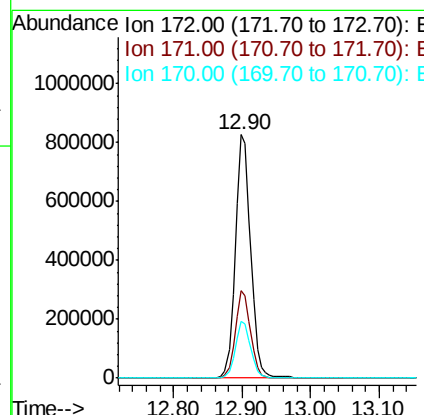
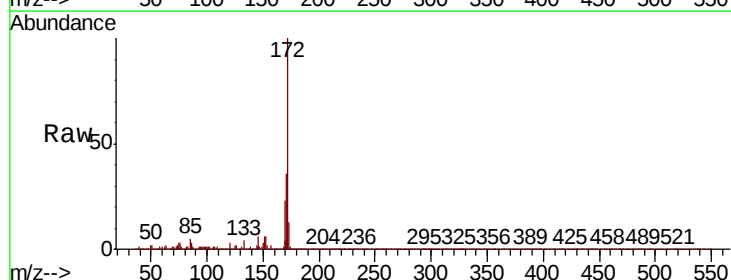
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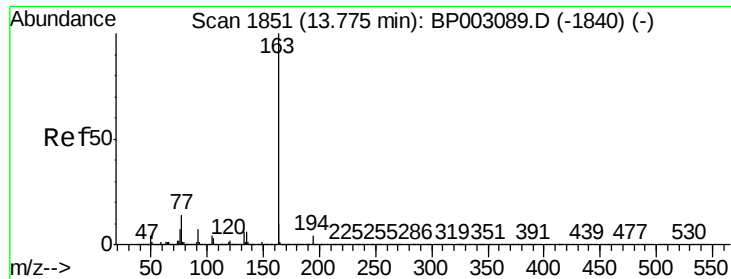
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#45
 2-Fluorobiphenyl
 Concen: 45.092 ng
 RT: 12.90 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BP003275.D
 Acq: 14 Sep 2020 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1287429		
171	35.9		28.5	42.7
170	23.2		19.2	28.8





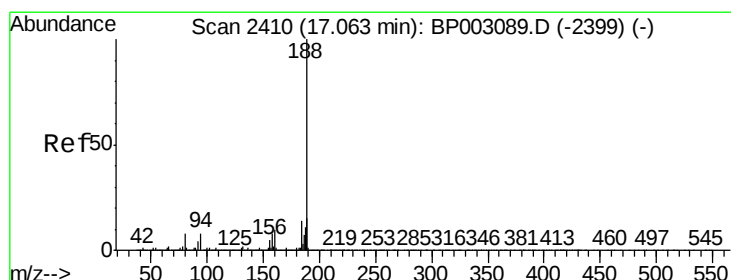
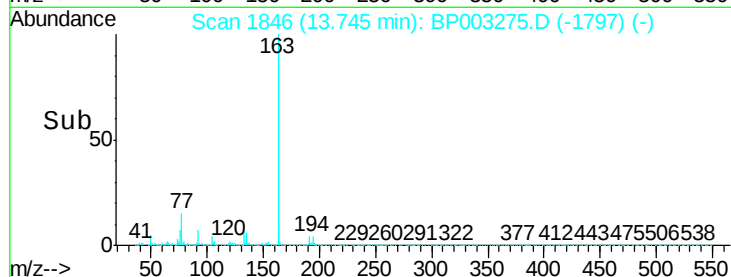
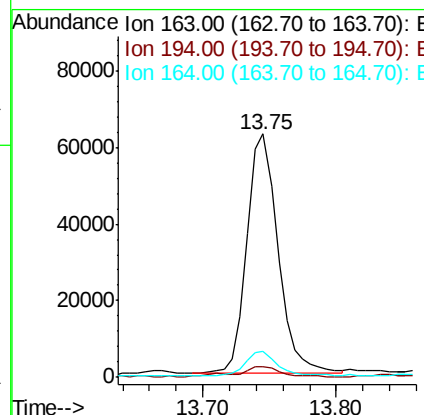
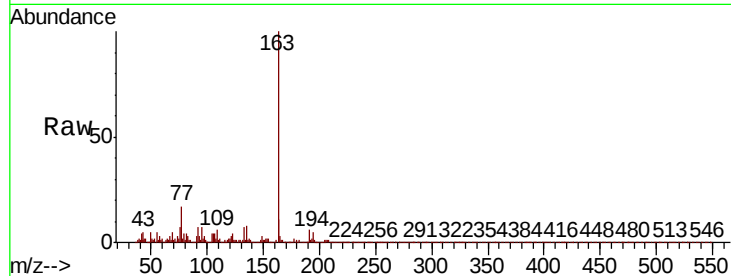
#50
Dimethylphthalate
Concen: 3.181 ng
RT: 13.75 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BP003275.D
Acq: 14 Sep 2020 18:57

Instrument :
BNA_P
ClientSampleId :
B17-4-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	4.6		3.3	4.9	
164	10.5		8.2	12.2	

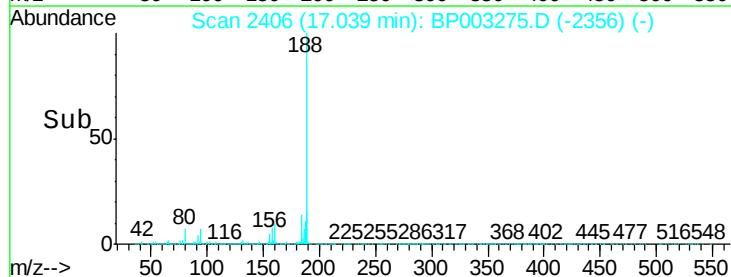
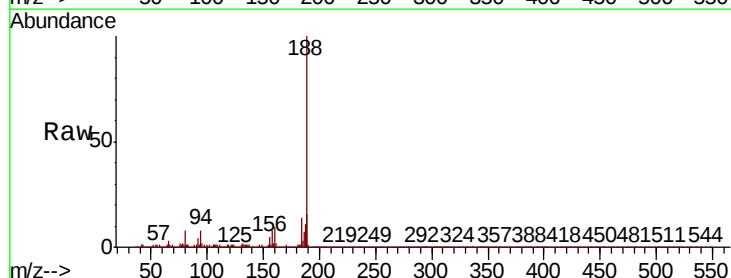
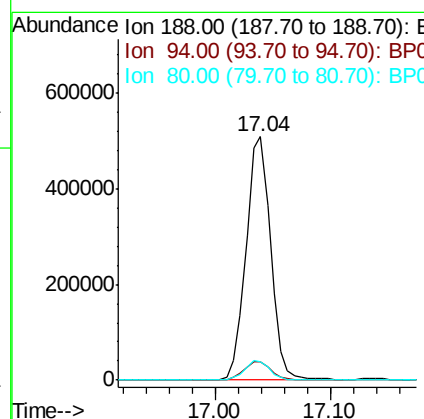
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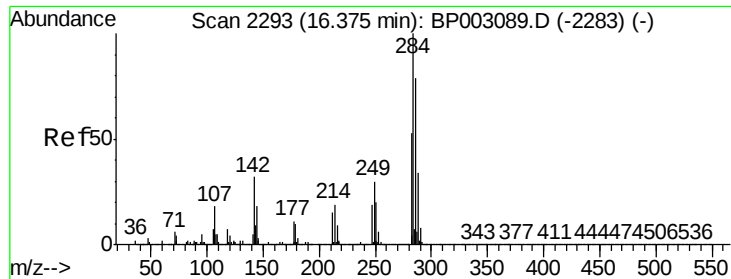
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BP003275.D
Acq: 14 Sep 2020 18:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.5		6.2	9.2	
80	7.6		6.2	9.2	





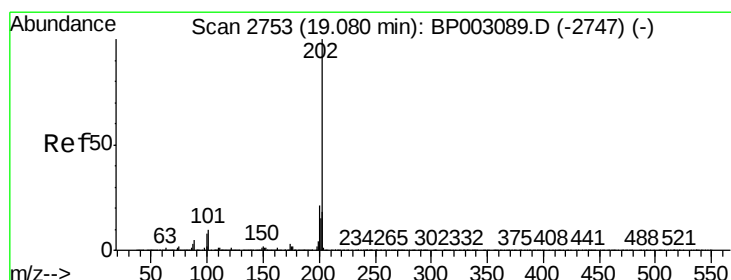
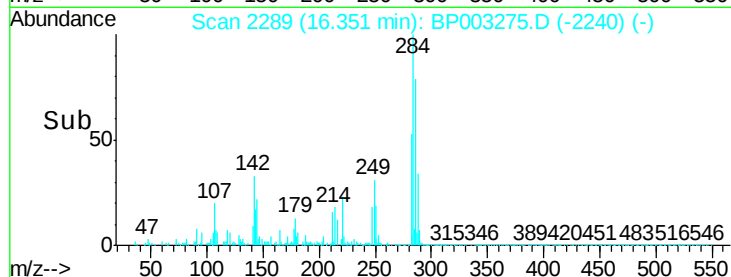
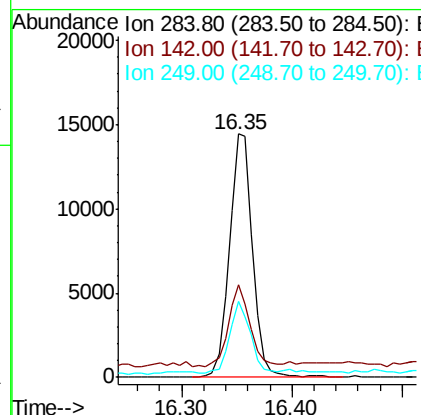
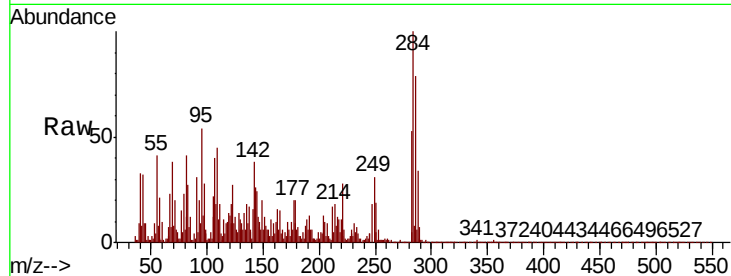
#68
Hexachlorobenzene
Concen: 2.133 ng
RT: 16.35 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BP003275.D
Acq: 14 Sep 2020 18:57

Instrument :
BNA_P
ClientSampleId :
B17-4-6

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.9	24.2	36.4#
249	31.0	23.8	35.8

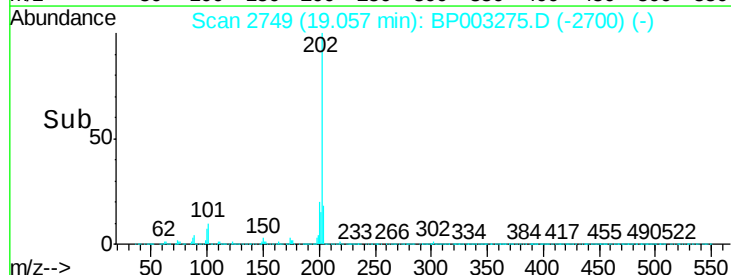
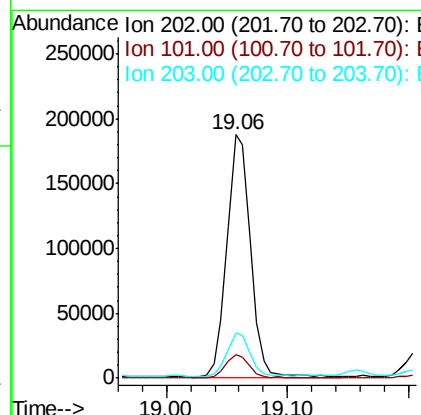
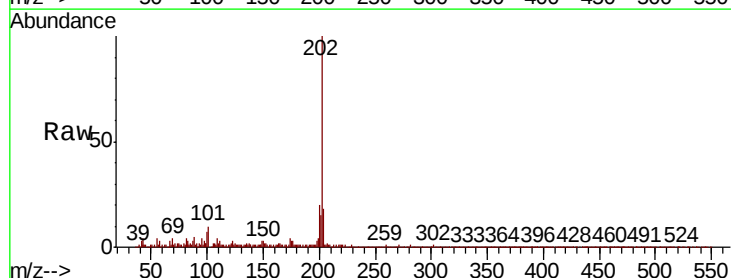
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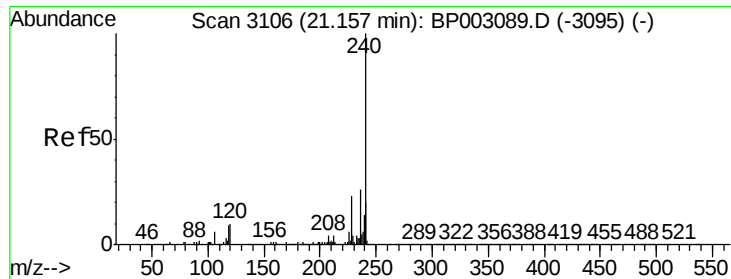
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#75
Fluoranthene
Concen: 5.364 ng
RT: 19.06 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BP003275.D
Acq: 14 Sep 2020 18:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.4
203	18.4	0.0	37.8





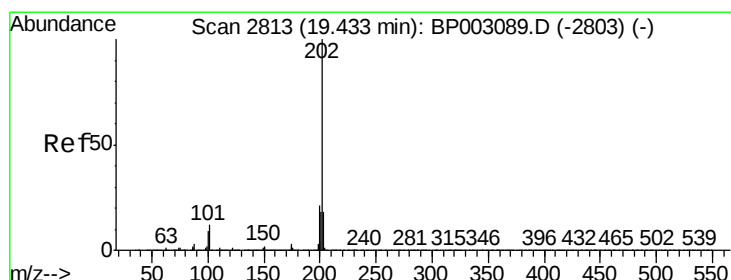
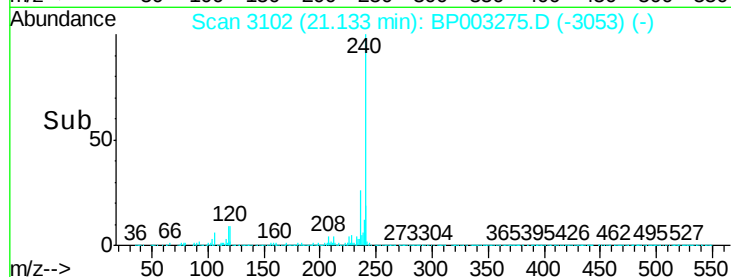
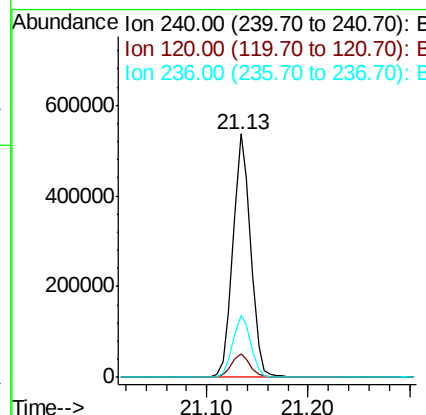
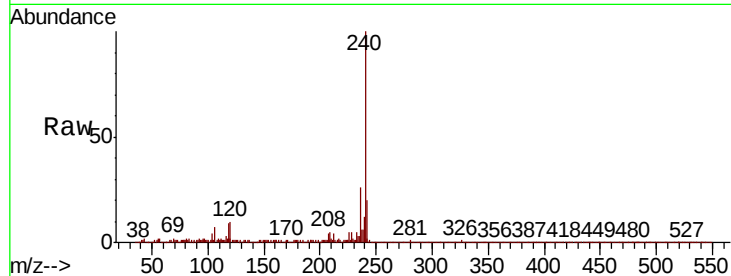
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP003275.D
Acq: 14 Sep 2020 18:57

Instrument :
BNA_P
ClientSampleId :
B17-4-6

Tot Ion	Ratio	Resp	Lower	Upper
240	100	647697		
120	9.5	7.8	11.6	
236	25.7	20.8	31.2	

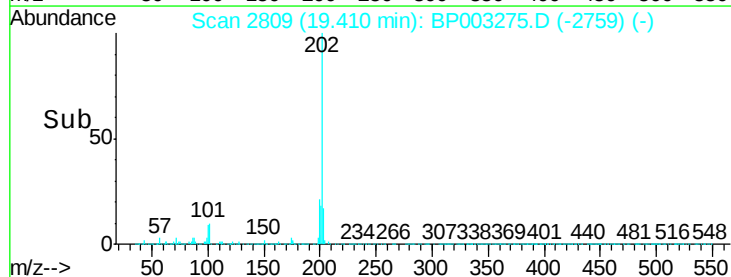
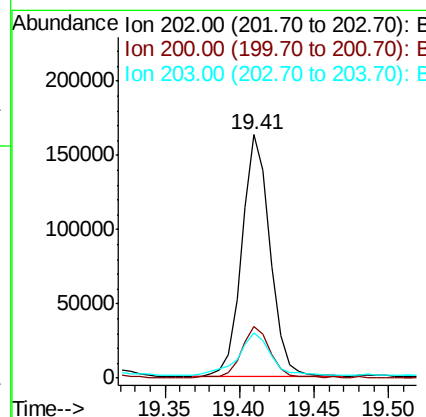
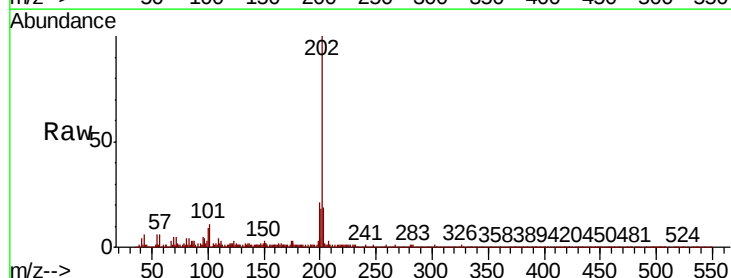
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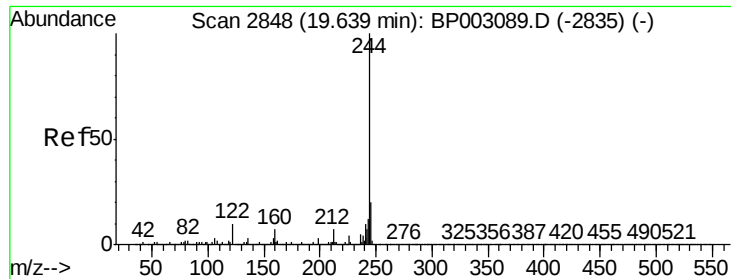
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9/15/2020 1:20:56 PM



#78
Pyrene
Concen: 5.080 ng
RT: 19.41 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BP003275.D
Acq: 14 Sep 2020 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	213547		
200	21.2	17.1	25.7	
203	18.5	14.2	21.2	





#79

Terphenyl-d14

Concen: 44.033 ng

RT: 19.62 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BP003275.D

Acq: 14 Sep 2020 18:57

Instrument :

BNA_P

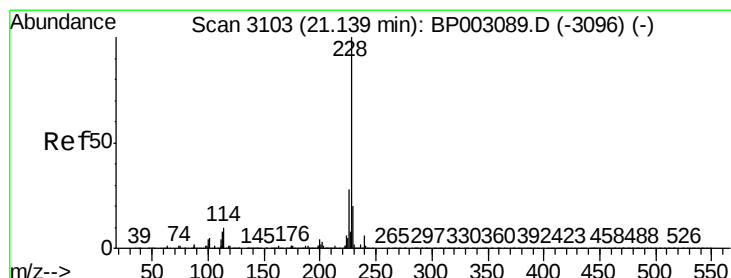
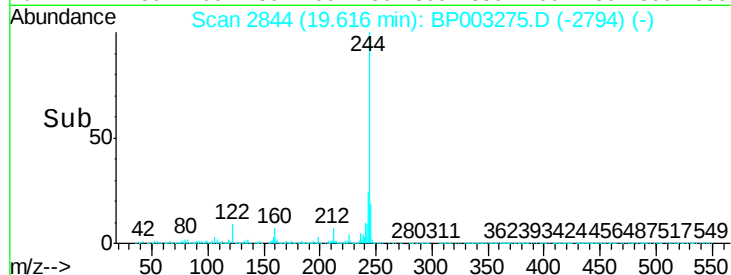
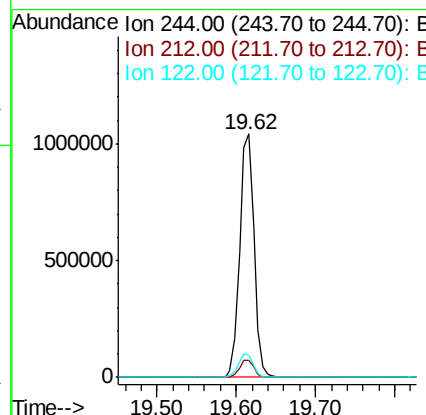
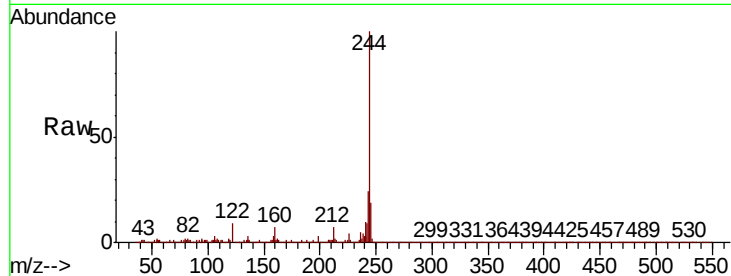
ClientSampled :

B17-4-6

Tot Ion:	244	Resp:	1296119
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.6
122	9.1	7.8	11.8

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#81

Benzo(a)anthracene

Concen: 3.275 ng

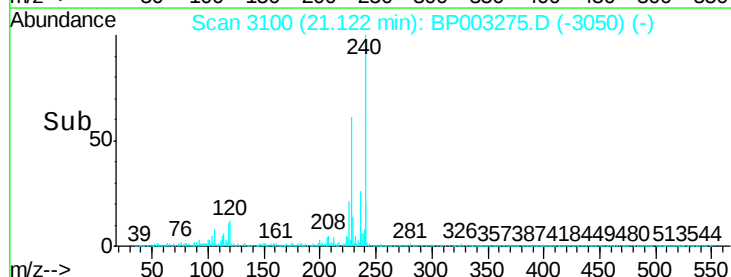
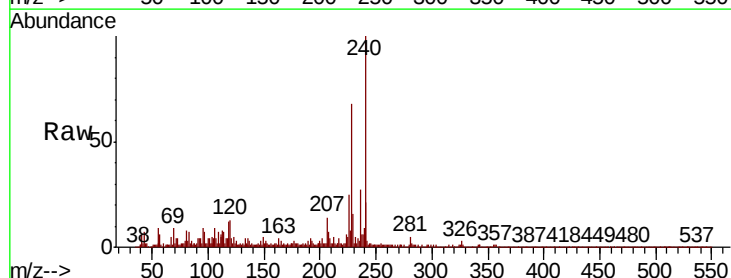
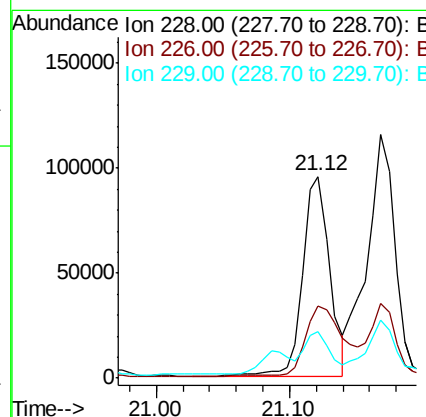
RT: 21.12 min Scan# 3100

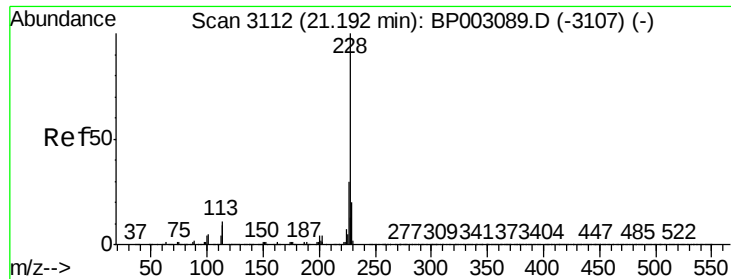
Delta R.T. -0.01 min

Lab File: BP003275.D

Acq: 14 Sep 2020 18:57

Tgt Ion:	228	Resp:	132881
Ion Ratio	Lower	Upper	
228	100		
226	35.9	22.1	33.1#
229	22.9	15.9	23.9





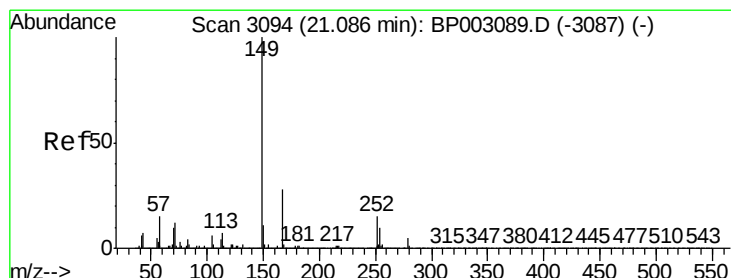
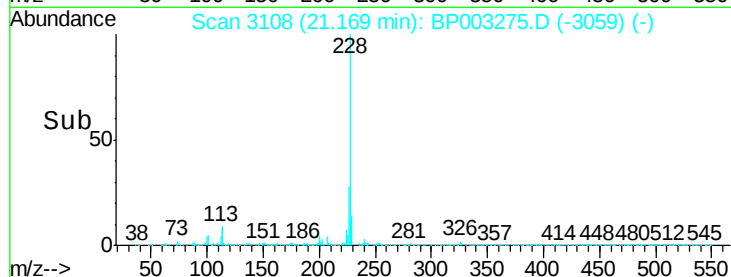
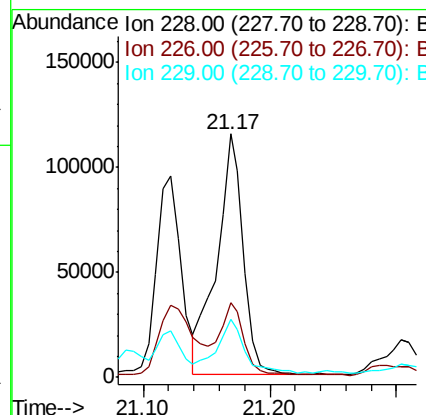
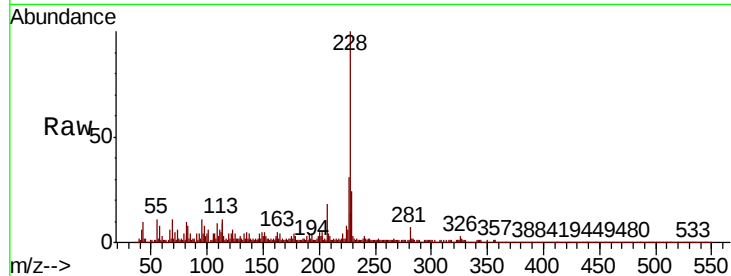
#83
Chrysene
Concen: 4.310 ng/mL
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP003275.D
Acq: 14 Sep 2020 18:57

Instrument :
BNA_P
ClientSampleId :
B17-4-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	24.0	15.8	23.6

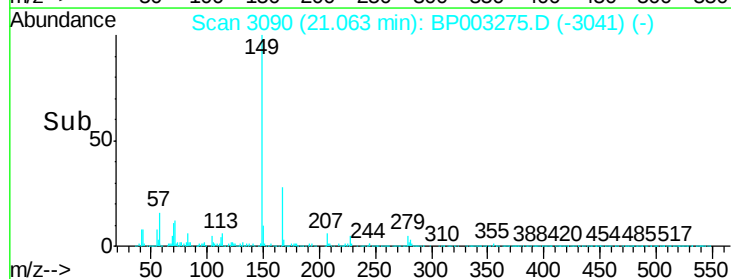
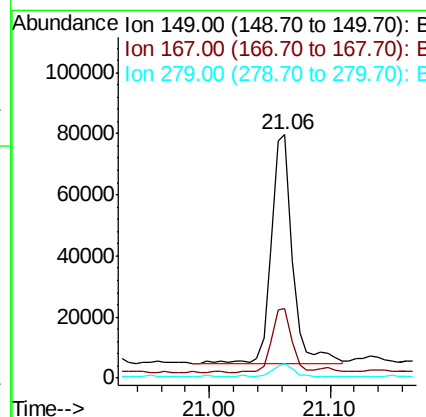
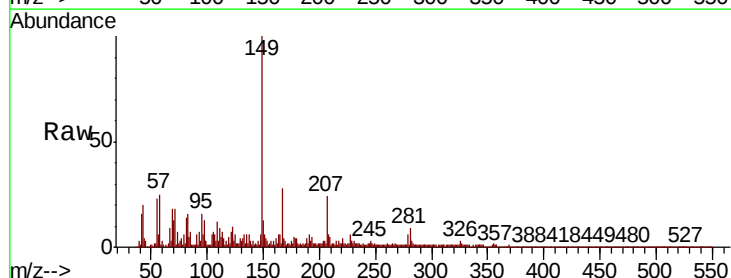
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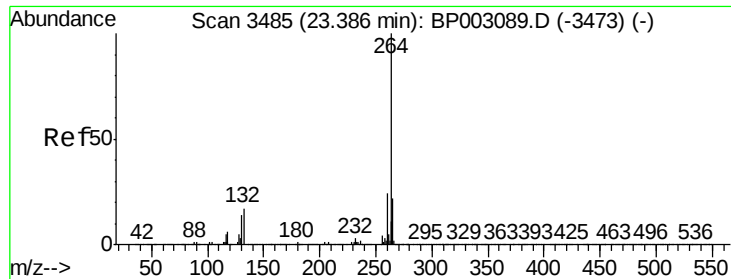
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.684 ng/mL
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BP003275.D
Acq: 14 Sep 2020 18:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.6	34.0
279	5.8	4.2	6.2





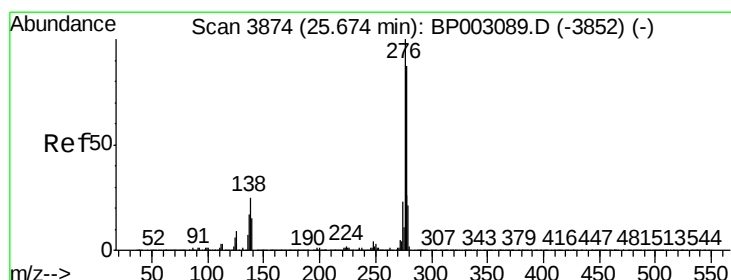
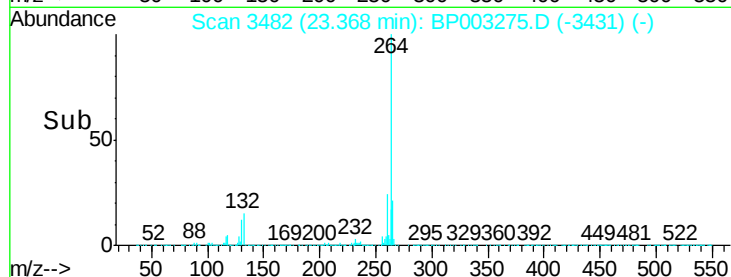
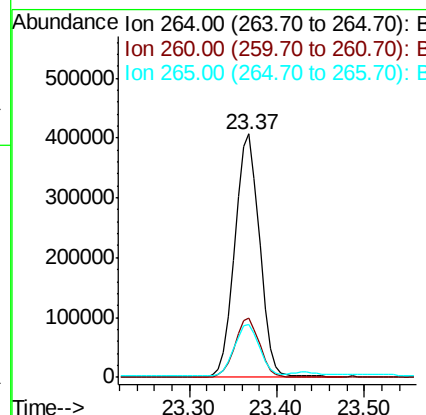
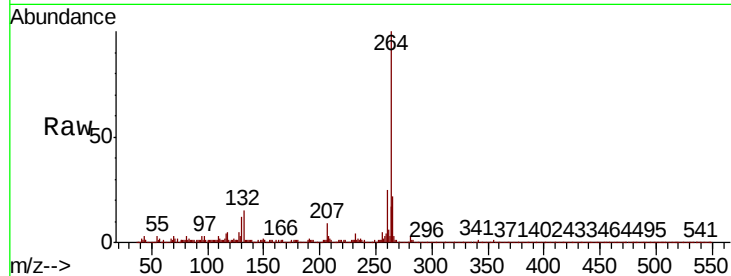
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BP003275.D
Acq: 14 Sep 2020 18:57

Instrument :
BNA_P
ClientSampled :
B17-4-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	21.6	17.4	26.2

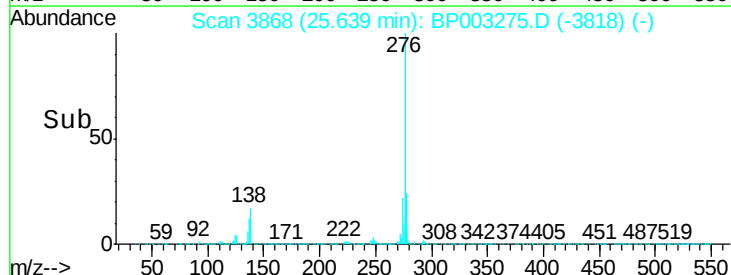
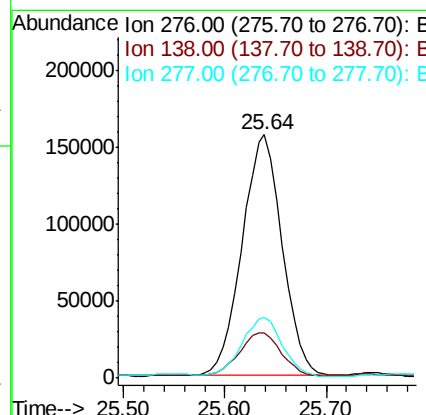
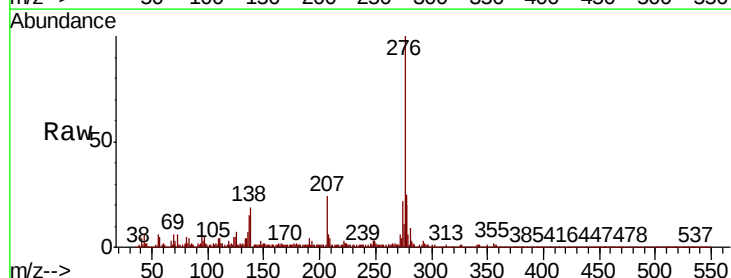
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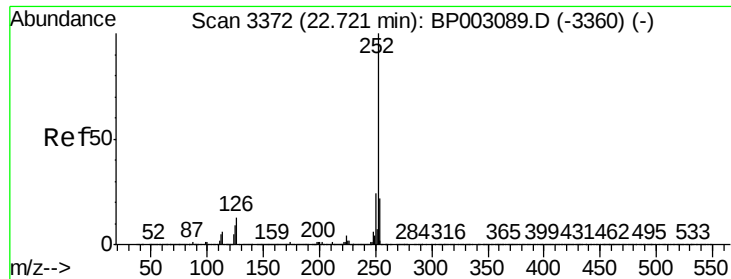
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#87
Indeno(1,2,3-cd)pyrene
Concen: 7.420 ng
RT: 25.64 min Scan# 3868
Delta R.T. -0.01 min
Lab File: BP003275.D
Acq: 14 Sep 2020 18:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.8	18.7	28.1
277	24.9	20.4	30.6





#88

Benzo(b)fluoranthene

Concen: 9.872 ng

RT: 22.70 min Scan# 3368

Delta R.T. -0.01 min

Lab File: BP003275.D

Acq: 14 Sep 2020 18:57

Instrument :

BNA_P

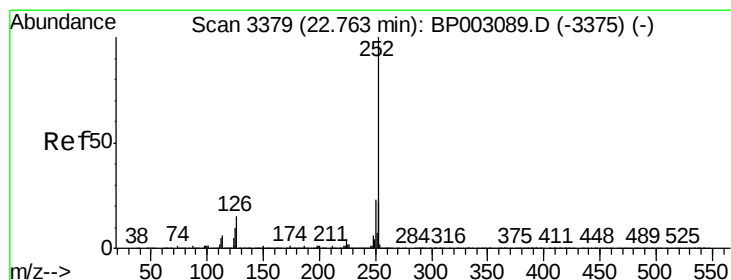
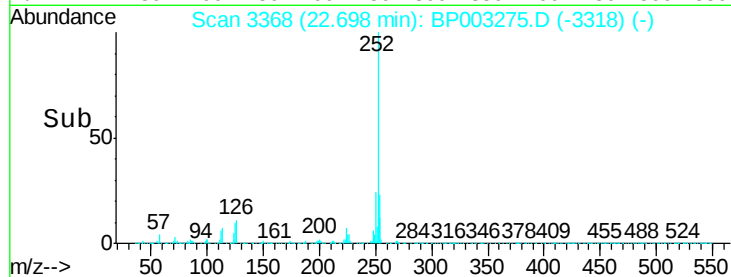
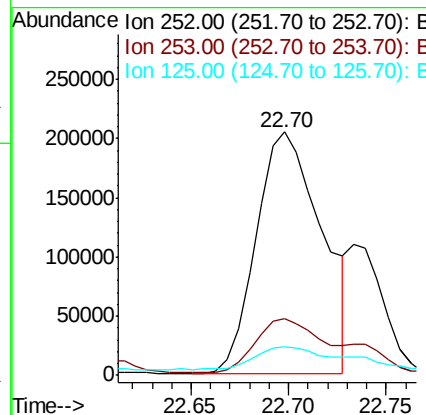
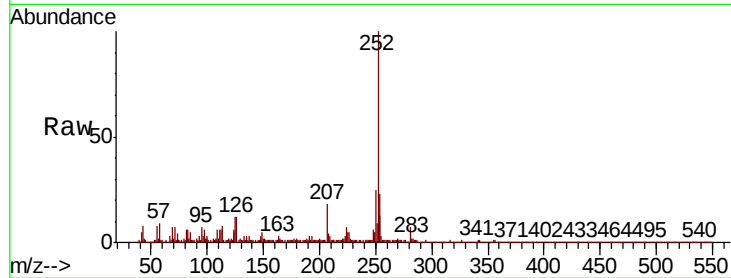
ClientSampleId :

B17-4-6

Tot Ion:	252	Resp:	476553
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.6	26.4
125	11.8	7.3	10.9#

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#89

Benzo(k)fluoranthene

Concen: 2.892 ng m

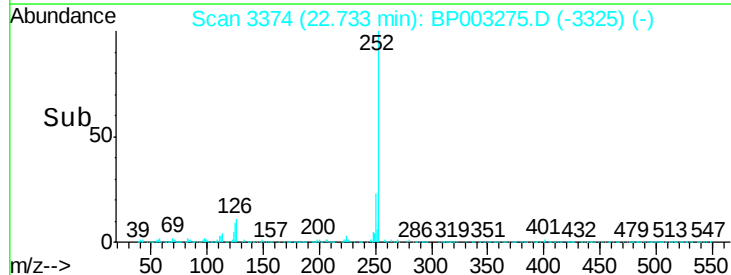
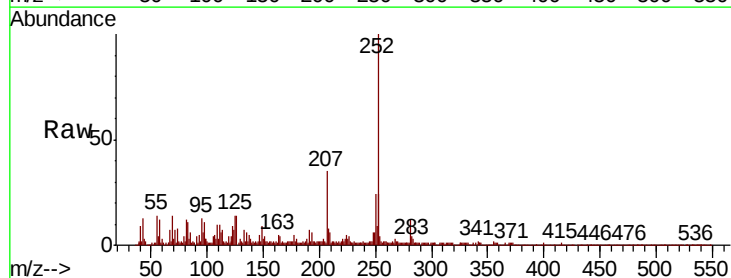
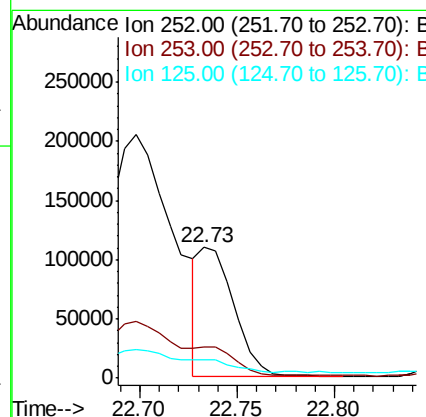
RT: 22.73 min Scan# 3374

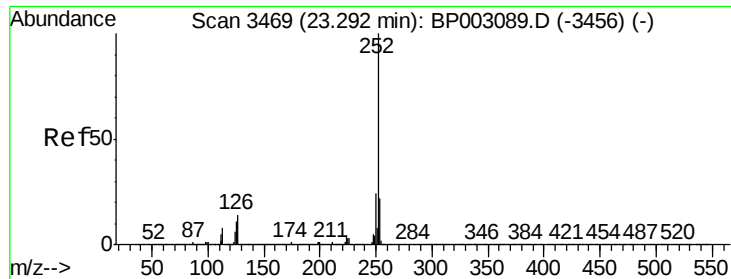
Delta R.T. -0.01 min

Lab File: BP003275.D

Acq: 14 Sep 2020 18:57

Tgt Ion:	252	Resp:	133399
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.8	26.8
125	14.1	7.4	11.2#





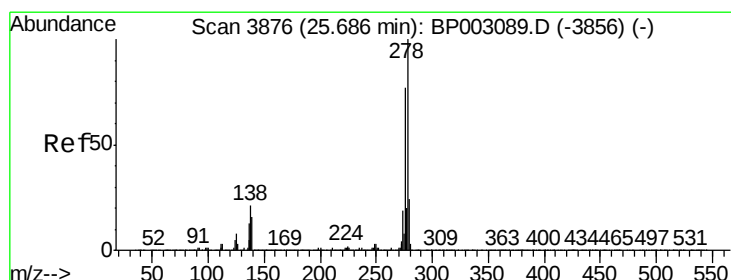
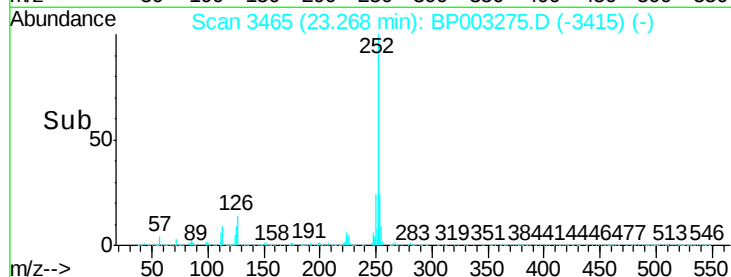
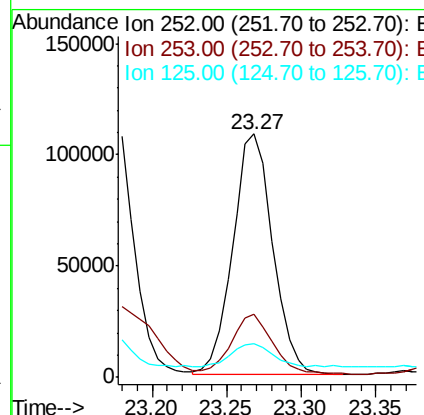
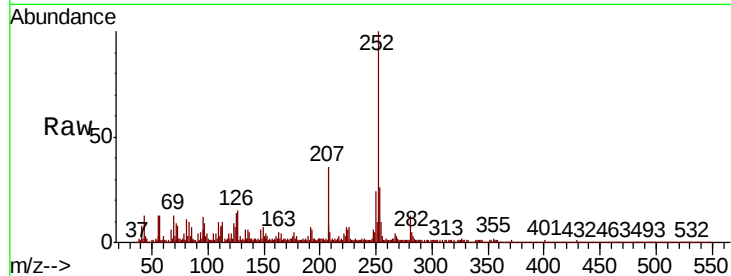
#90
Benzo(a)pyrene
Concen: 4.516 ng
RT: 23.27 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BP003275.D
Acq: 14 Sep 2020 18:57

Instrument :
BNA_P
ClientSampleId :
B17-4-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.4	26.0
125	13.7	8.2	12.4

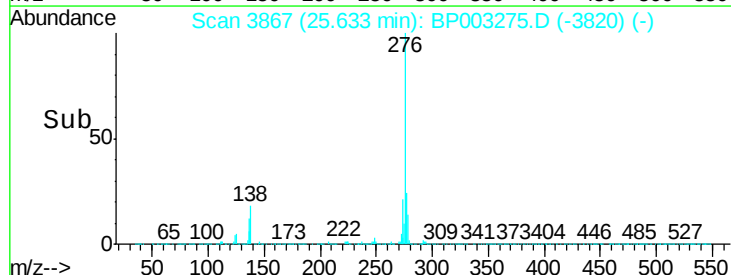
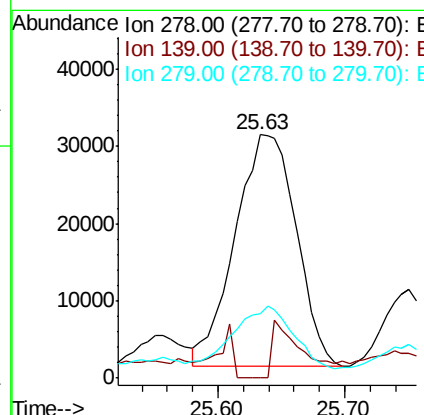
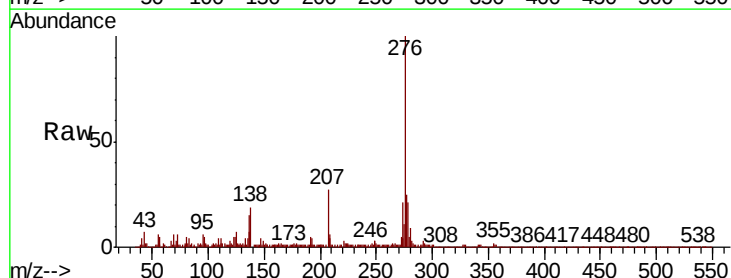
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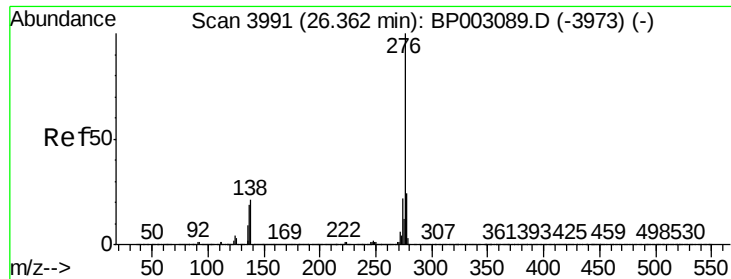
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#91
Dibenzo(a,h)anthracene
Concen: 2.113 ng
RT: 25.63 min Scan# 3867
Delta R.T. -0.02 min
Lab File: BP003275.D
Acq: 14 Sep 2020 18:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.4	18.6
279	26.5	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 11.282 ng
 RT: 26.33 min Scan# 3985
 Delta R.T. -0.01 min
 Lab File: BP003275.D
 Acq: 14 Sep 2020 18:57

Instrument :
 BNA_P
 ClientSampleId :
 B17-4-6

Tot Ion:	276	Resp:	538729
Ion Ratio		Lower	Upper
276	100		
277	24.1	19.0	28.6
138	19.6	16.6	24.8

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