

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
 Data File : BP001517.D
 Acq On : 03 Jan 2020 20:39
 Operator : JU
 Sample : K6482-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MC-123119-2-5-COMP-B6

Manual Integrations
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mohammad
 1/6/2020 11:42:47 AM

Quant Time: Jan 04 03:26:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 15:57:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	67402	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	231503	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	139812	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	302599	20.00	ng	0.00
76) Chrysene-d12	21.20	240	275111	20.00	ng	0.00
87) Perylene-d12	23.46	264	320973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	416463	103.80	ng	0.04
7) Phenol-d6	6.92	99	549196	101.63	ng	0.05
23) Nitrobenzene-d5	8.85	82	325265	69.40	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	161699	102.19	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	611802	64.34	ng	0.00
79) Terphenyl-d14	19.68	244	868381	62.90	ng	0.00
Target Compounds						
10) Phenol	6.95	94	18847	3.315	ng	98
49) Acenaphthylene	14.06	152	65021	4.940	ng	97
50) Dimethylphthalate	13.82	163	36782	3.366	ng	# 99
52) Acenaphthene	14.40	154	25081	3.036	ng	95
58) Fluorene	15.39	166	29395	3.050	ng	94
71) Phenanthrene	17.14	178	552712	33.677	ng	99
72) Anthracene	17.23	178	121652	7.479	ng	100
73) Carbazole	17.50	167	43463	2.888	ng	97
75) Fluoranthene	19.12	202	1154707	58.119	ng	98
78) Pyrene	19.47	202	1130204	56.614	ng	99
81) Benzo(a)anthracene	21.18	228	616119	31.917	ng	97
83) Chrysene	21.23	228	589530	31.851	ng	97
86) Indeno(1,2,3-cd)pyrene	25.75	276	362146	16.077	ng	97
88) Benzo(b)fluoranthene	22.79	252	729958m	36.729	ng	
89) Benzo(k)fluoranthene	22.82	252	209118m	10.985	ng	
90) Benzo(a)pyrene	23.36	252	587215	31.565	ng	96
91) Dibenzo(a,h)anthracene	25.76	278	100772	5.450	ng	# 93
92) Benzo(g,h,i)perylene	26.44	276	367071	19.905	ng	100

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

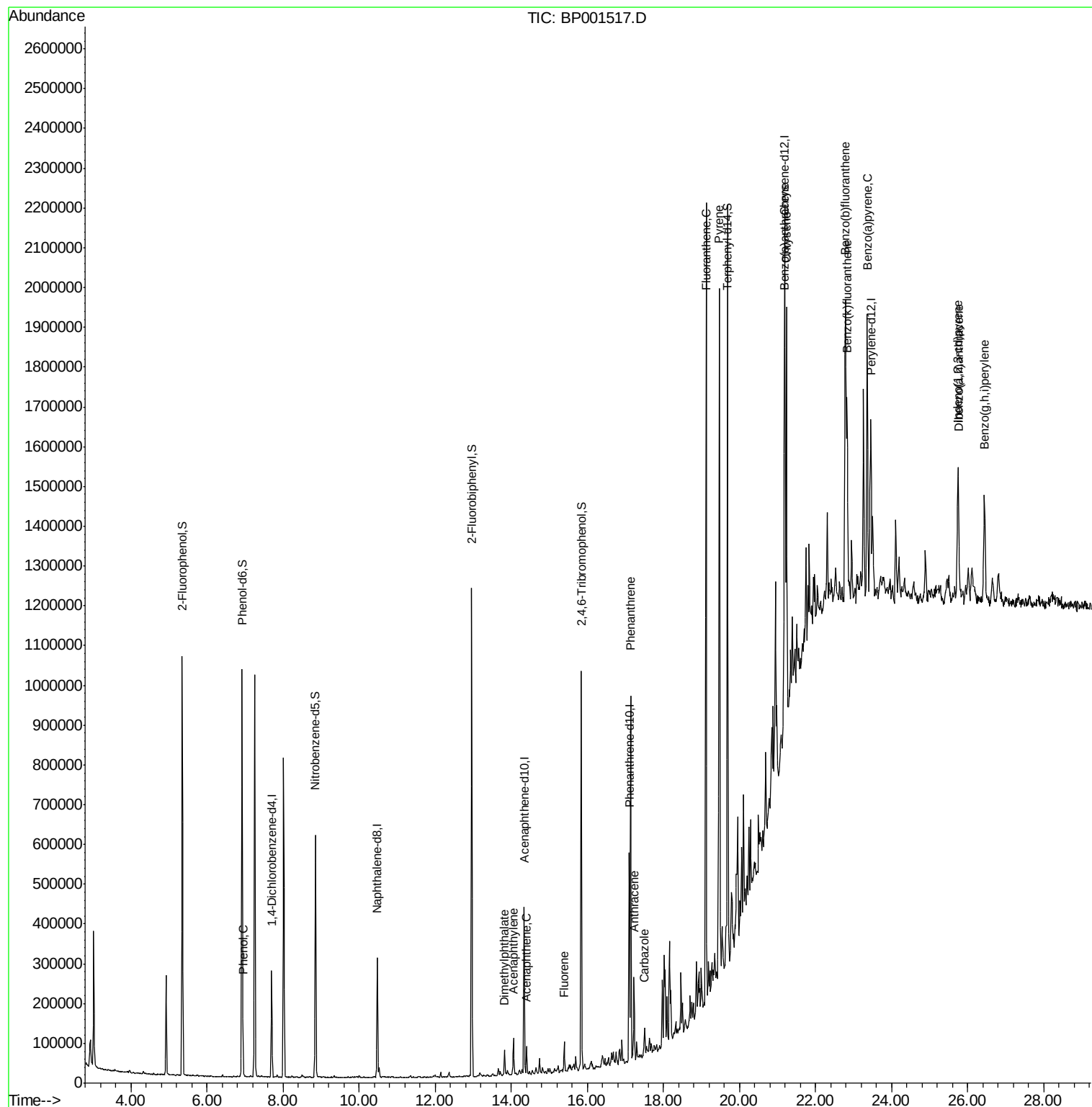
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001517.D
Acq On : 03 Jan 2020 20:39
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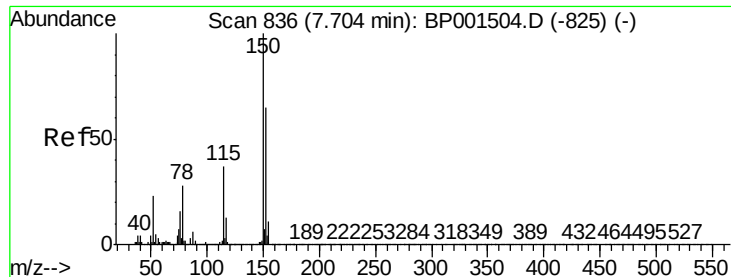
Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

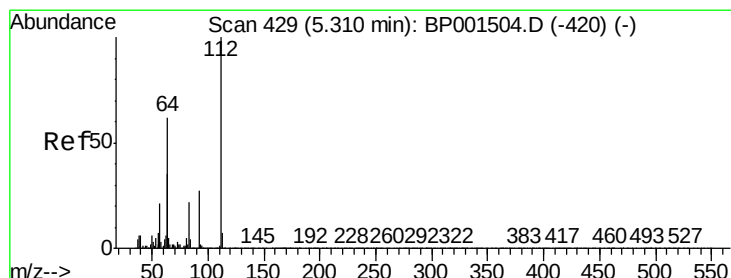
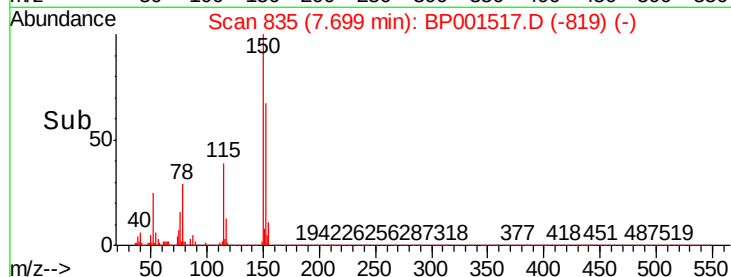
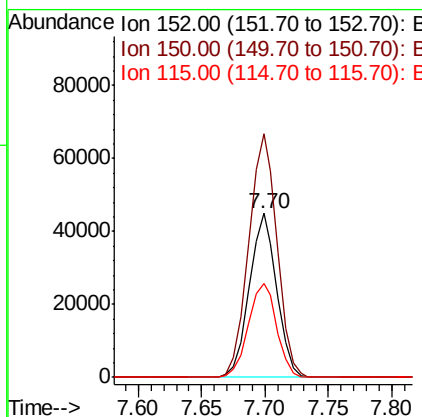
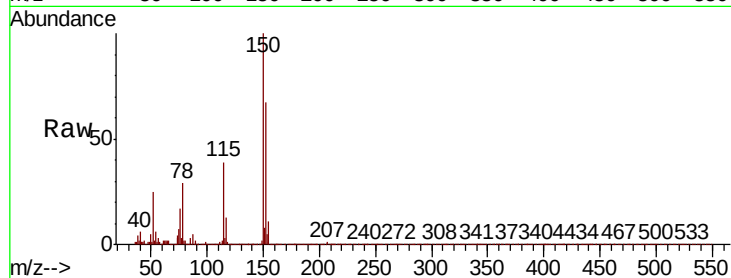
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 835
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	123.6	185.4
115	57.2	45.8	68.6

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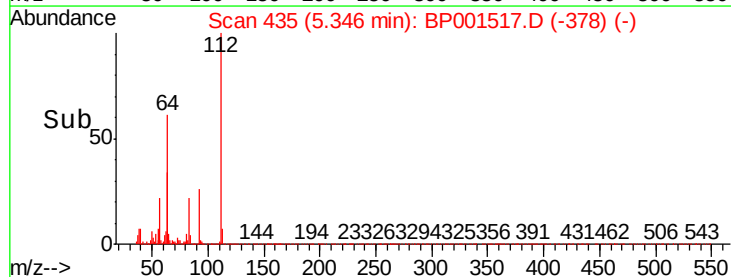
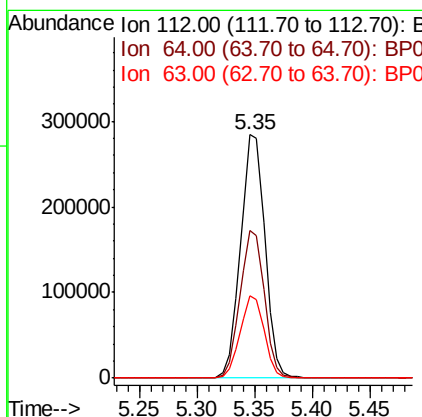
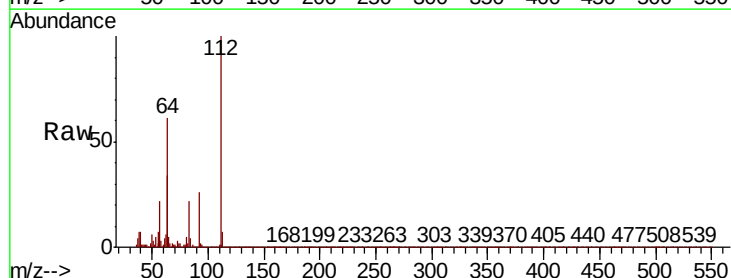
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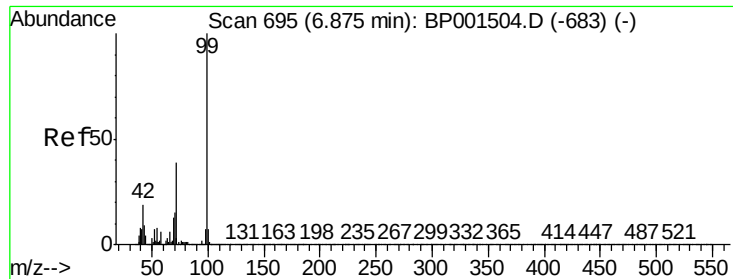


#5

2-Fluorophenol
Concen: 103.804 ng
RT: 5.35 min Scan# 435
Delta R.T. 0.04 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	49.7	74.5
63	33.6	28.1	42.1





#7

Phenol-d6

Concen: 101.631 ng

RT: 6.92 min Scan# 703

Delta R.T. 0.05 min

Lab File: BP001517.D

Acq: 03 Jan 2020 20:39

Instrument :

BNA_P

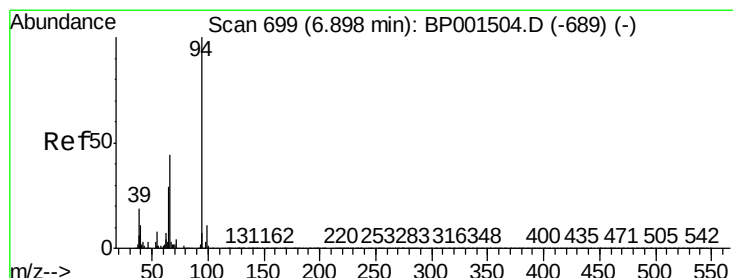
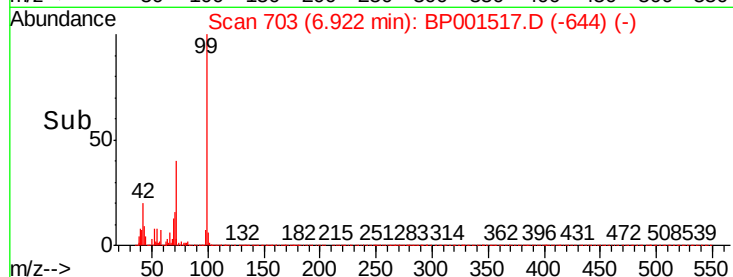
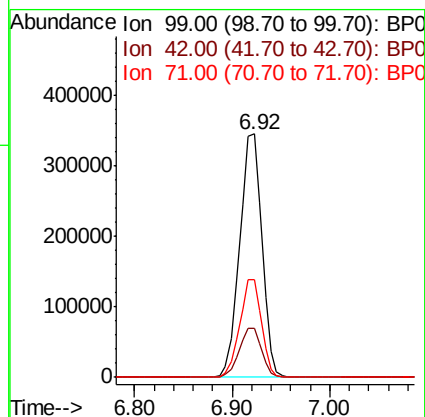
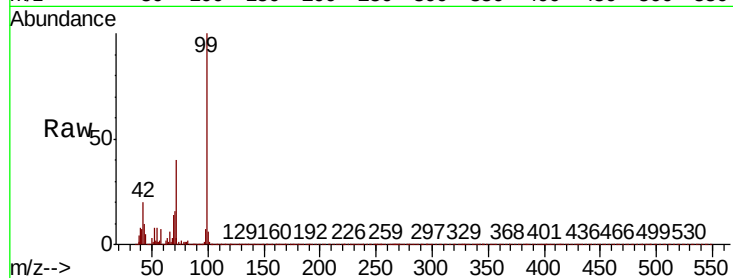
ClientSampleId :

MC-123119-2-5-COMP-B6

Tot Ion:	99	Resp:	549196
Ion Ratio	Lower	Upper	
99	100		
42	20.3	15.3	22.9
71	39.9	30.9	46.3

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#10

Phenol

Concen: 3.315 ng

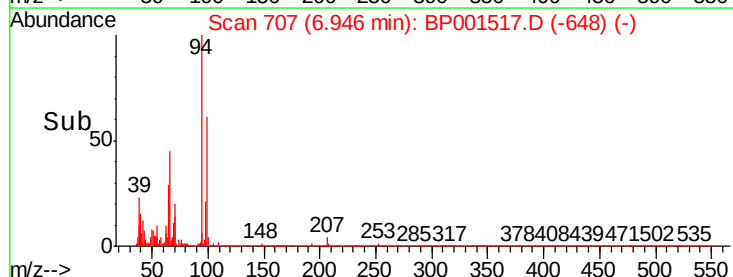
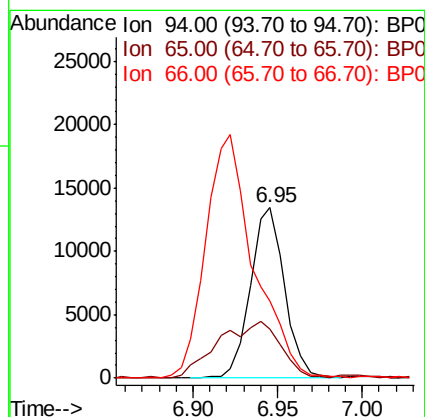
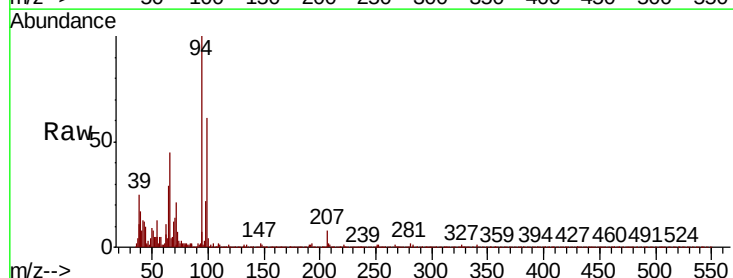
RT: 6.95 min Scan# 707

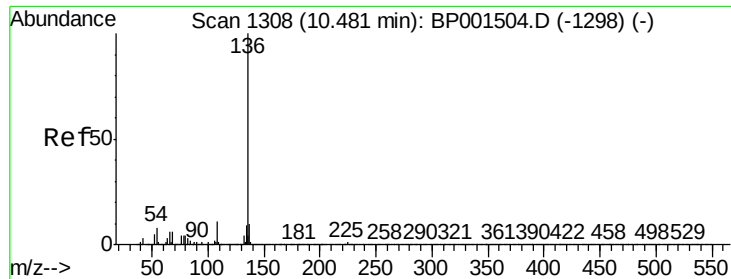
Delta R.T. 0.05 min

Lab File: BP001517.D

Acq: 03 Jan 2020 20:39

Tgt Ion:	94	Resp:	18847
Ion Ratio	Lower	Upper	
94	100		
65	28.9	9.2	49.2
66	45.5	23.8	63.8





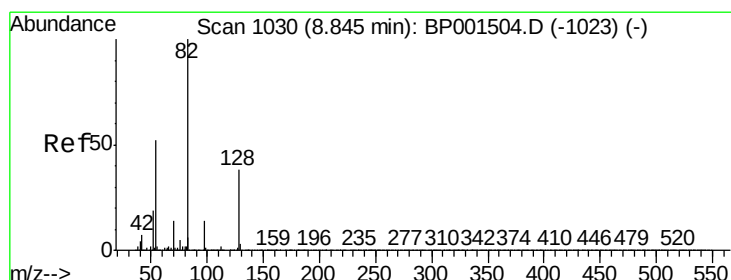
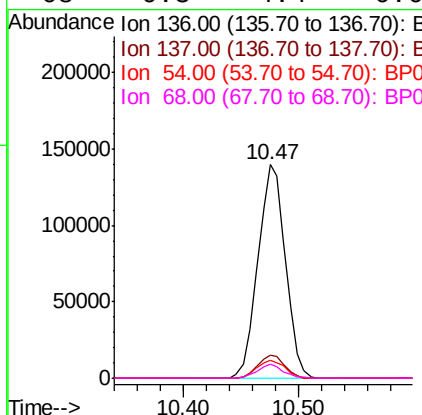
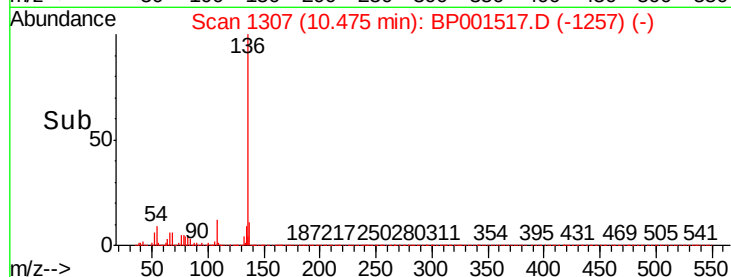
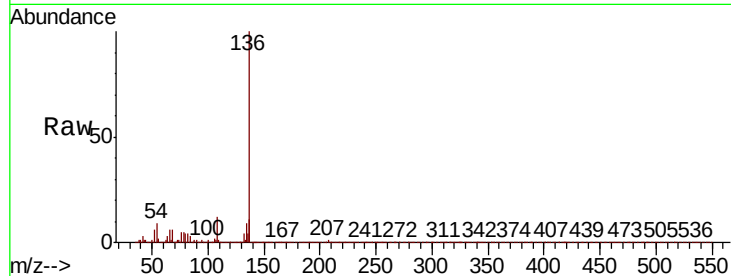
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.3	12.5
54	8.6	6.7	10.1
68	6.3	4.4	6.6

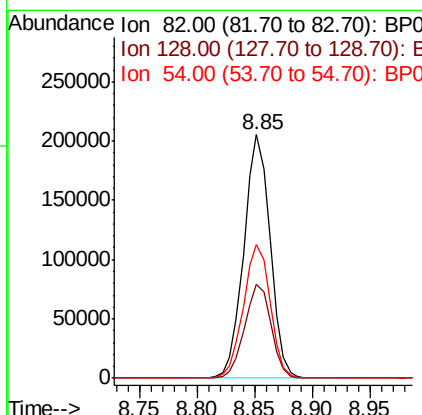
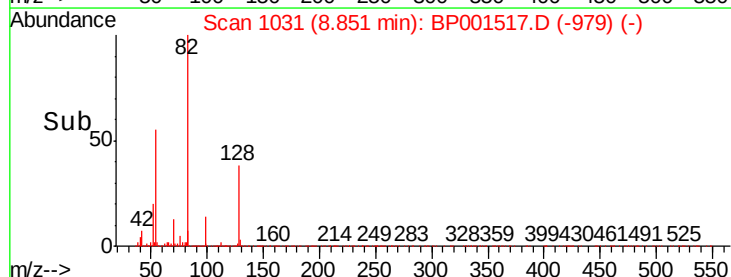
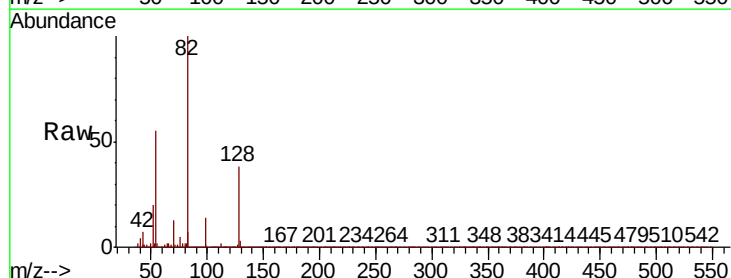
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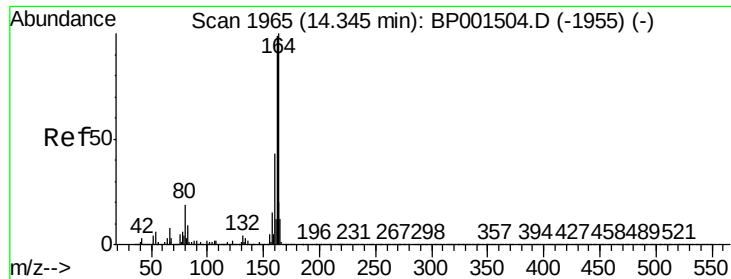
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#23
Nitrobenzene-d5
Concen: 69.396 ng
RT: 8.85 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	38.3	30.1	45.1
54	55.1	41.8	62.6





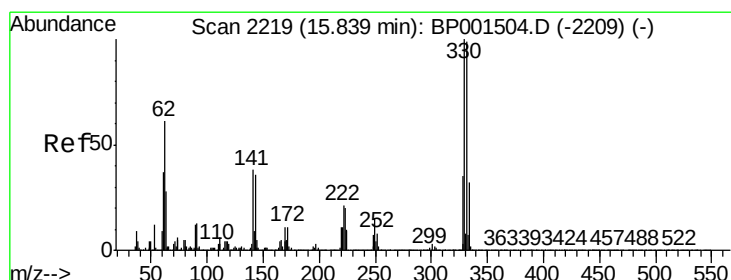
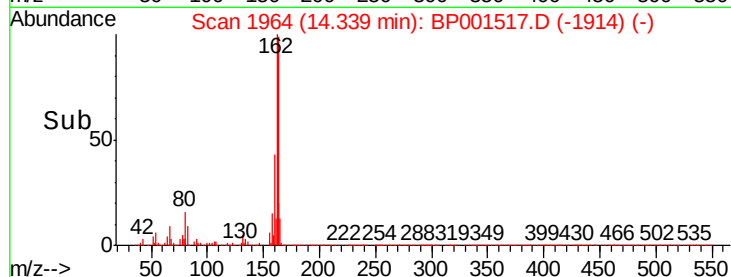
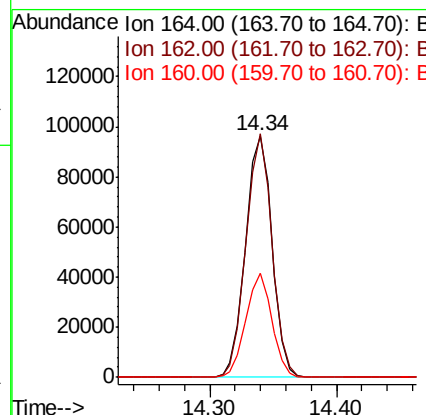
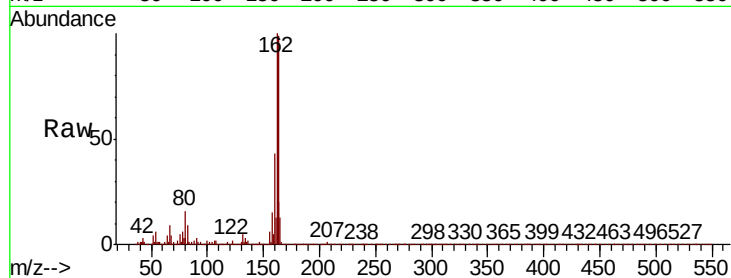
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.2	118.8
160	43.2	34.6	52.0

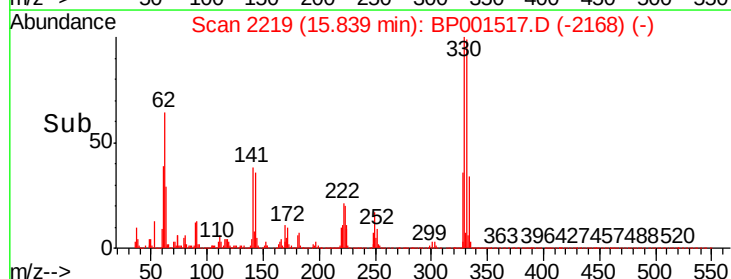
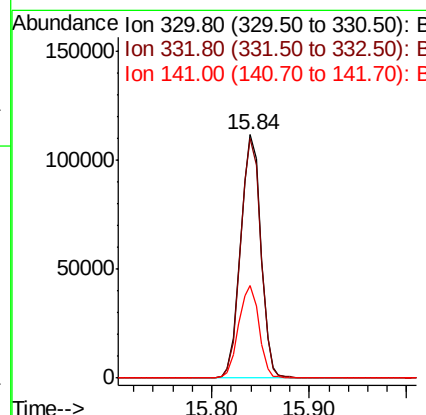
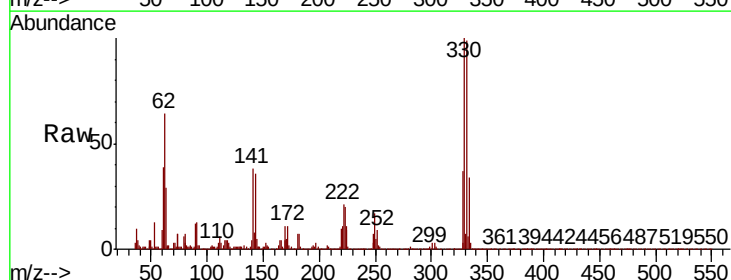
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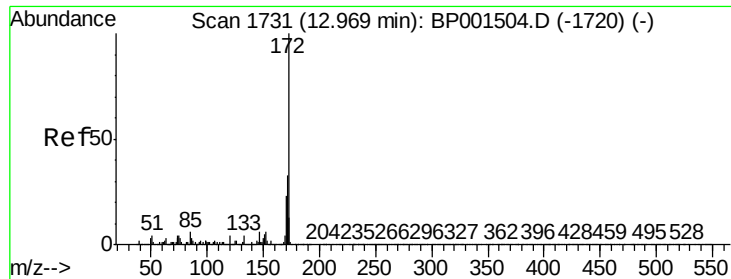
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#42
2,4,6-Tribromophenol
Concen: 102.189 ng
RT: 15.84 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.2	117.2
141	38.1	30.3	45.5





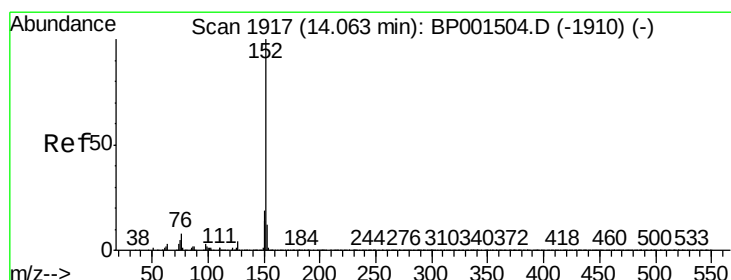
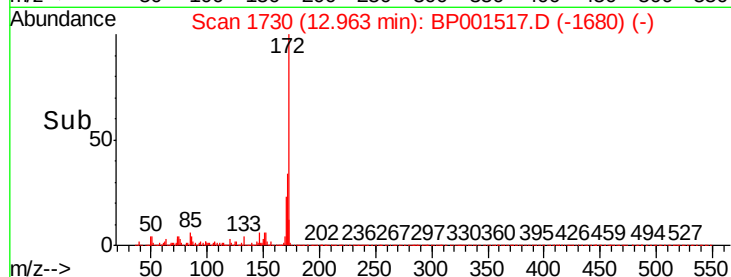
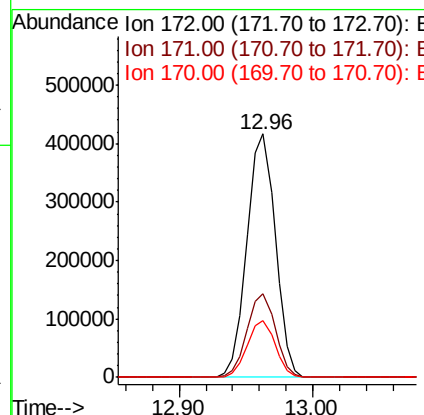
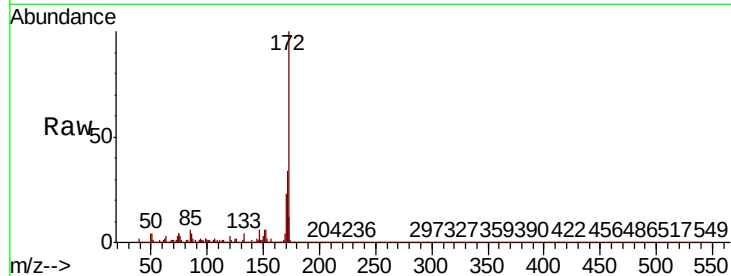
#45
2-Fluorobiphenyl
Concen: 64.343 ng
RT: 12.96 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	26.7	40.1
170	23.3	18.7	28.1

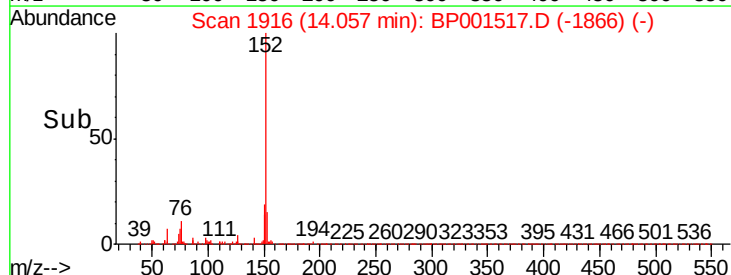
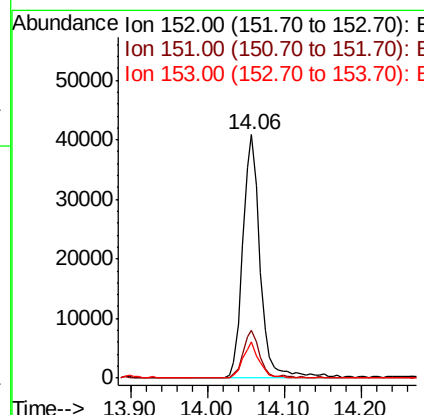
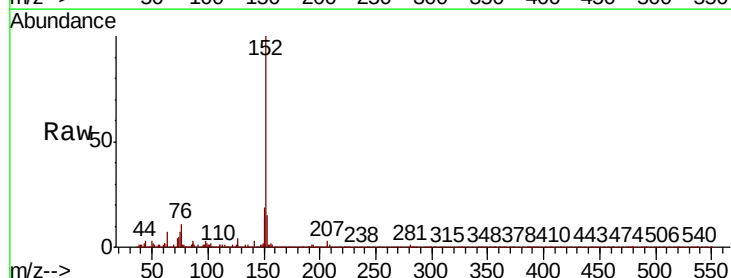
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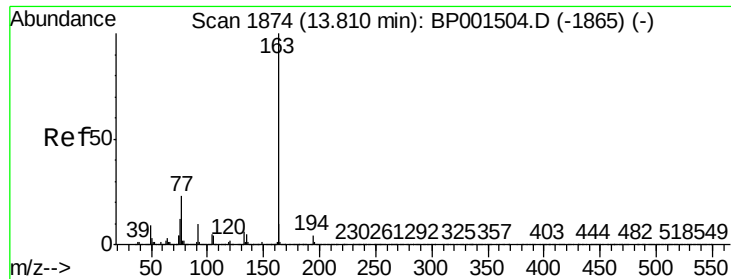
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#49
Acenaphthylene
Concen: 4.940 ng
RT: 14.06 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.2	22.8
153	14.7	9.9	14.9





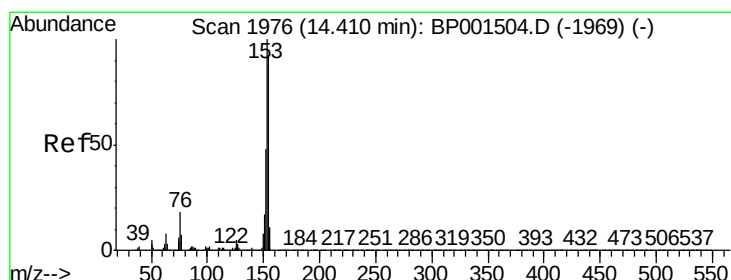
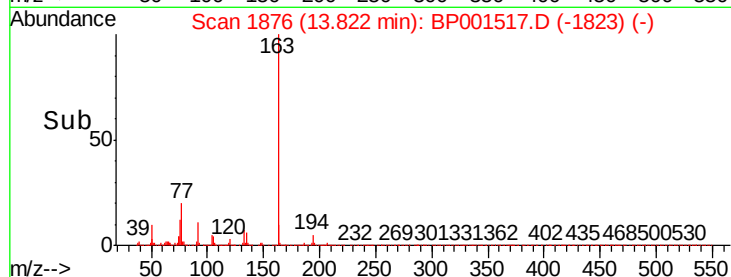
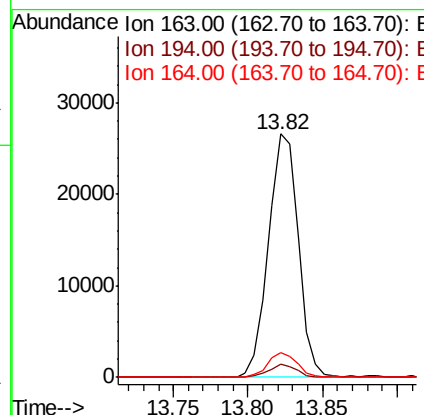
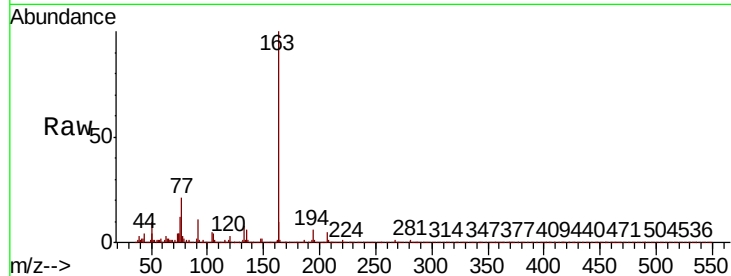
#50
Dimethylphthalate
Concen: 3.366 ng
RT: 13.82 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
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MC-123119-2-5-COMP-B6

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.4	5.0#
164	10.1	8.1	12.1

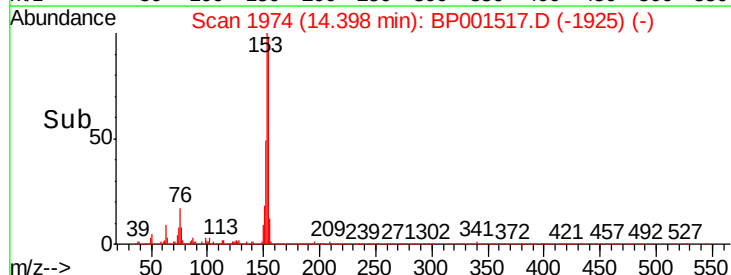
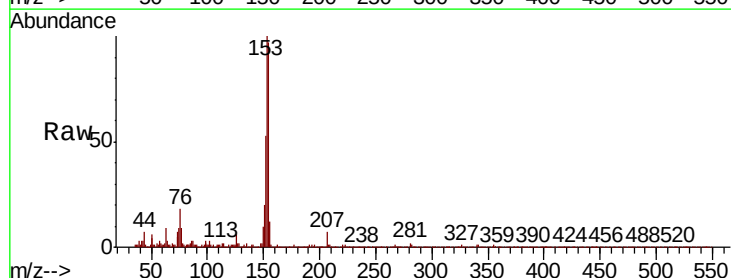
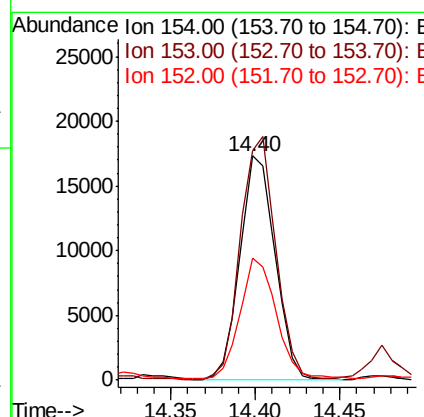
Manual Integrations
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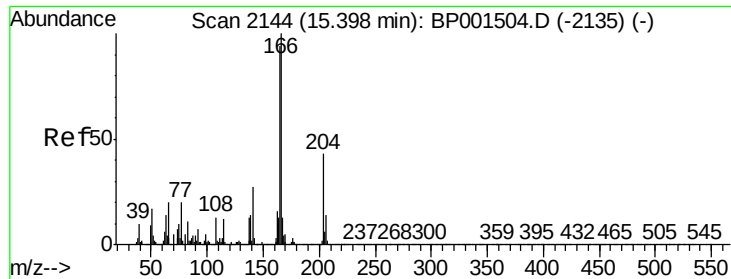
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#52
Acenaphthene
Concen: 3.036 ng
RT: 14.40 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	102.6	87.3	130.9
152	54.4	41.5	62.3





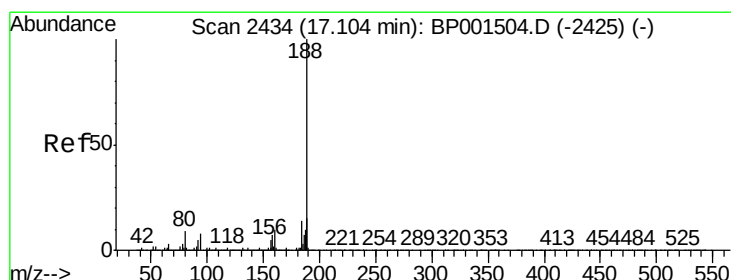
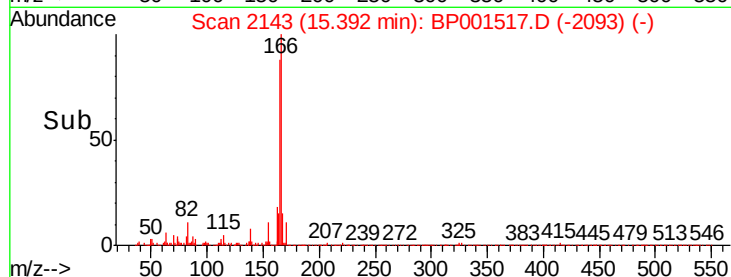
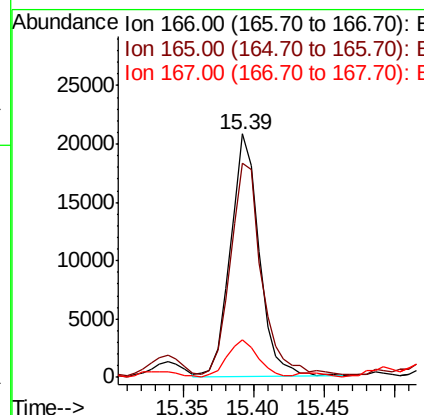
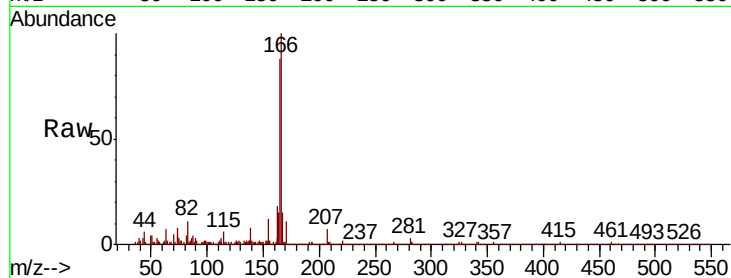
#58
Fluorene
 Concen: 3.050 ng
 RT: 15.39 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BP001517.D
 Acq: 03 Jan 2020 20:39

Instrument :
 BNA_P
 ClientSampleId :
 MC-123119-2-5-COMP-B6

Tot Ion	Ratio	Lower	Upper
166	100		
165	87.8	75.3	112.9
167	15.4	10.7	16.1

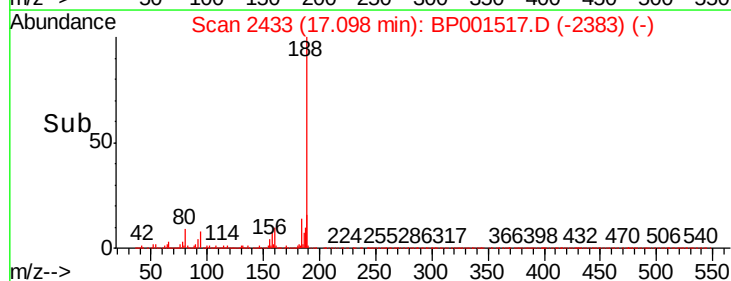
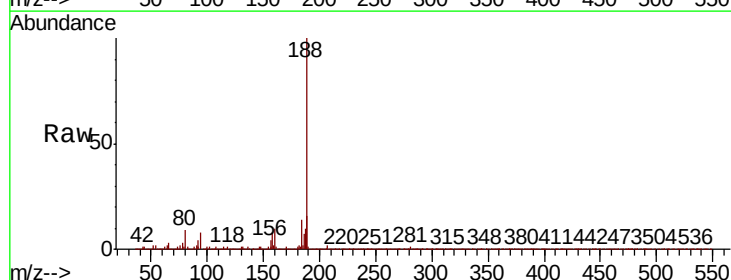
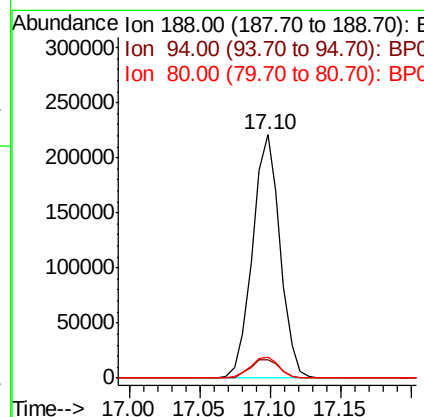
Manual Integrations
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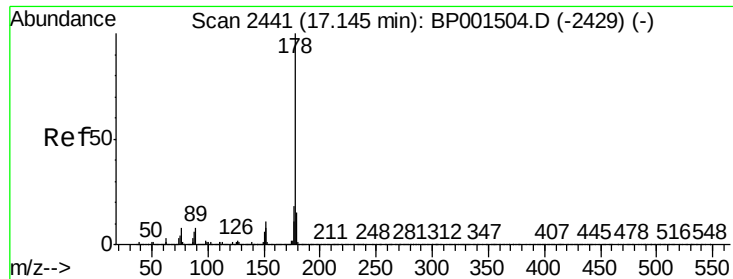
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#64
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.10 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BP001517.D
 Acq: 03 Jan 2020 20:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.5	9.7
80	8.8	7.3	10.9





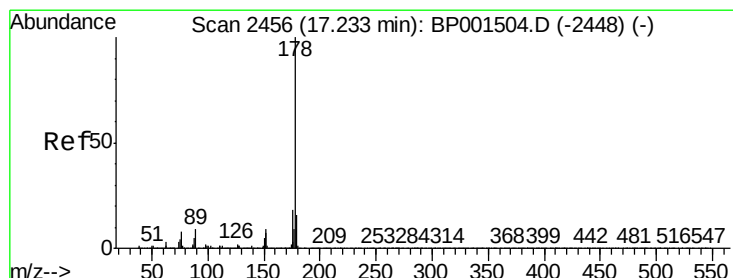
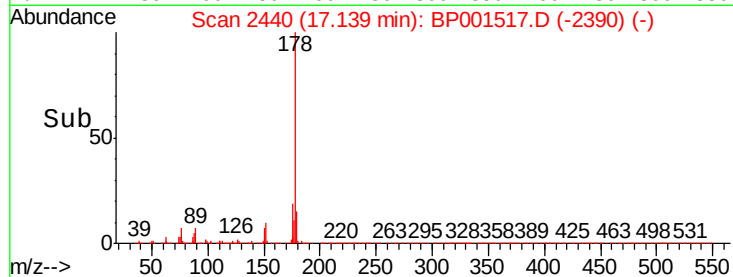
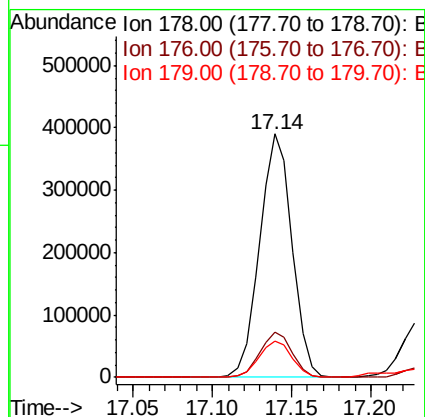
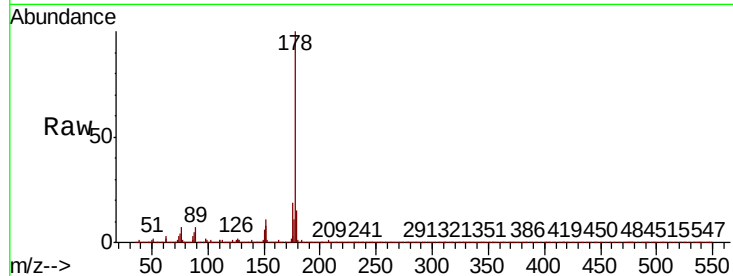
#71
Phenanthrene
Concen: 33.677 ng
RT: 17.14 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tot Ion:178	Resp:	552712
Ion Ratio	Lower	Upper
178 100		
176 18.8	14.6	22.0
179 15.0	12.3	18.5

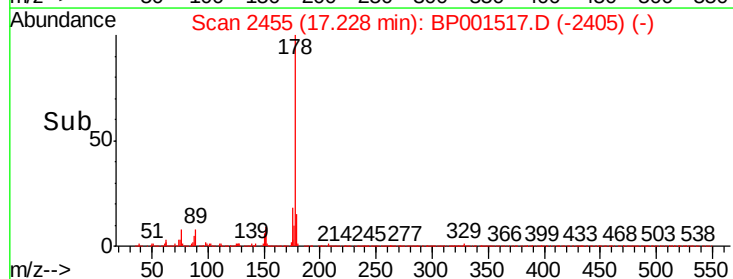
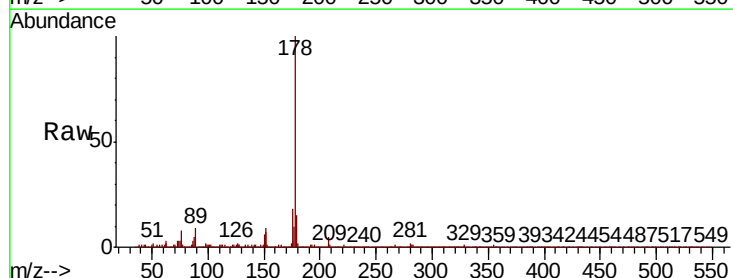
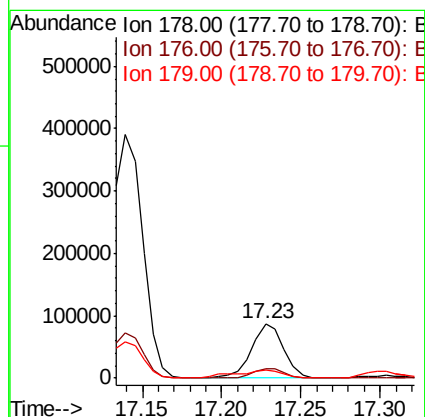
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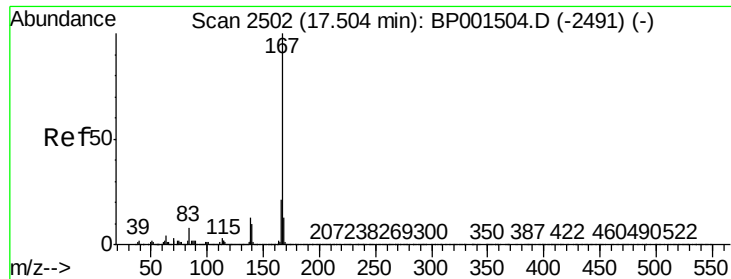
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#72
Anthracene
Concen: 7.479 ng
RT: 17.23 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion:178	Resp:	121652
Ion Ratio	Lower	Upper
178 100		
176 18.0	14.4	21.6
179 15.4	12.5	18.7





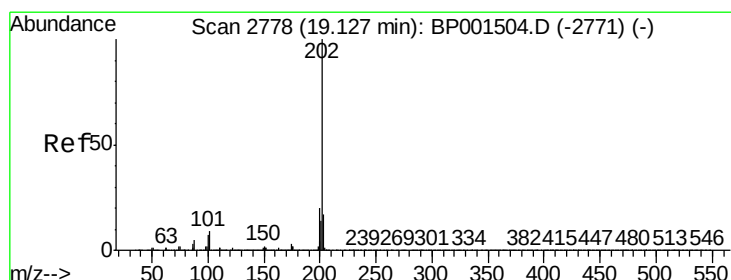
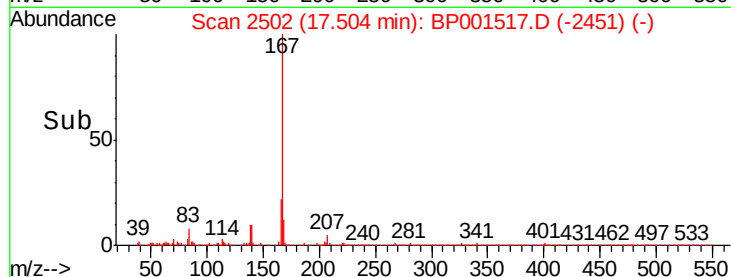
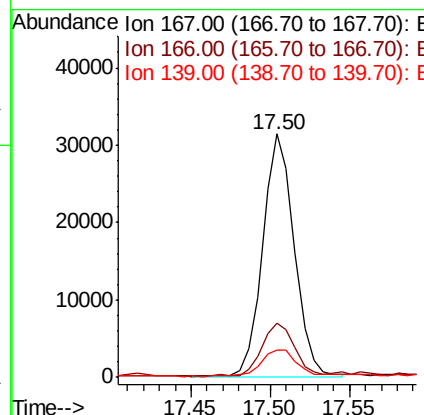
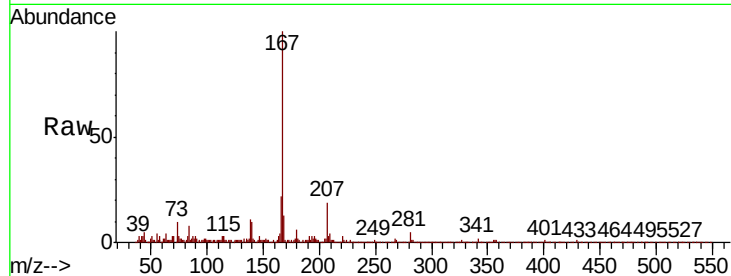
#73
 Carbazole
 Concen: 2.888 ng
 RT: 17.50 min Scan# 2502
 Delta R.T. 0.00 min
 Lab File: BP001517.D
 Acq: 03 Jan 2020 20:39

Instrument :
 BNA_P
 ClientSampleId :
 MC-123119-2-5-COMP-B6

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.3	17.0	25.6	
139	11.4	10.2	15.4	

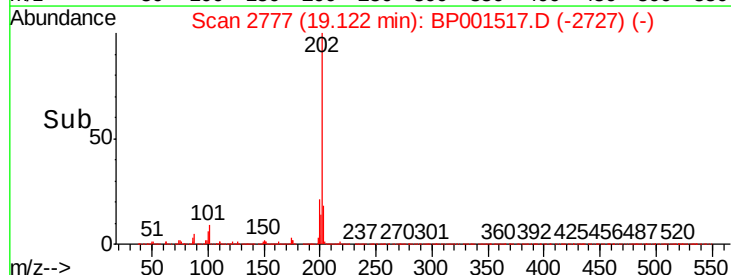
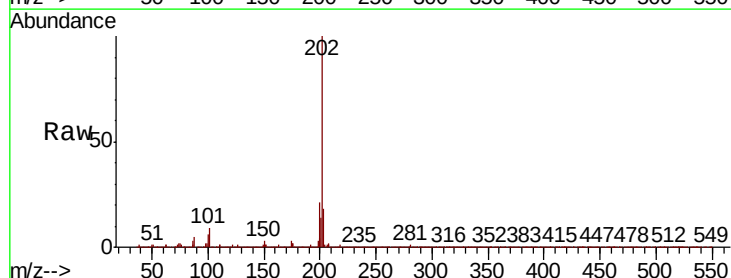
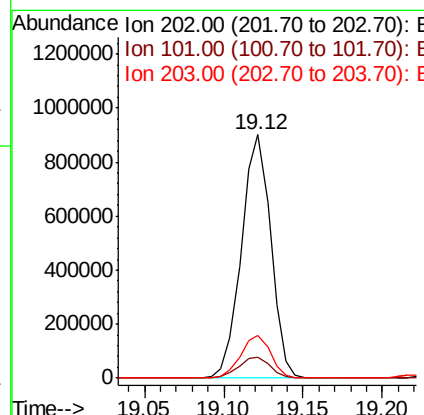
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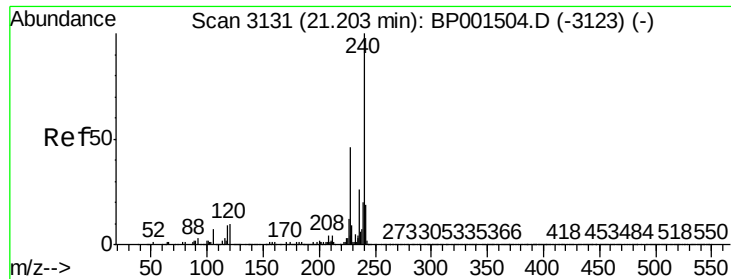
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#75
 Fluoranthene
 Concen: 58.119 ng
 RT: 19.12 min Scan# 2777
 Delta R.T. -0.01 min
 Lab File: BP001517.D
 Acq: 03 Jan 2020 20:39

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	8.7	0.0	29.3	
203	17.6	0.0	36.7	





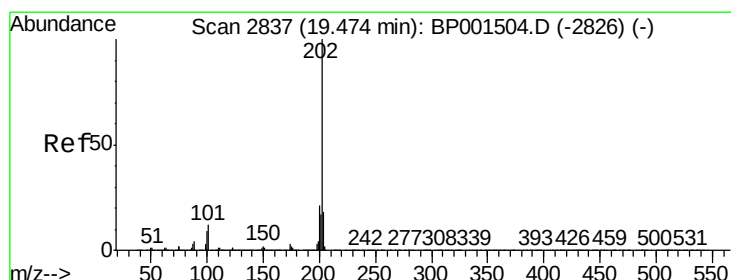
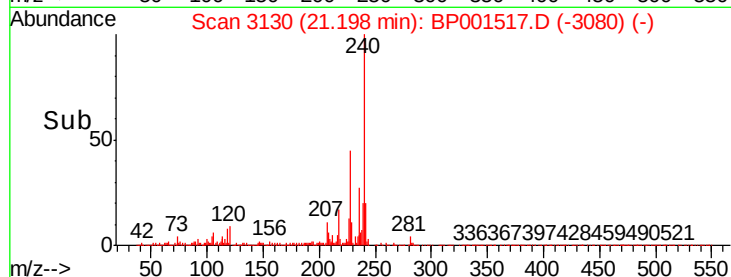
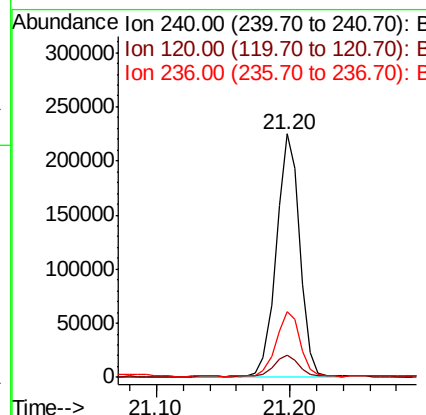
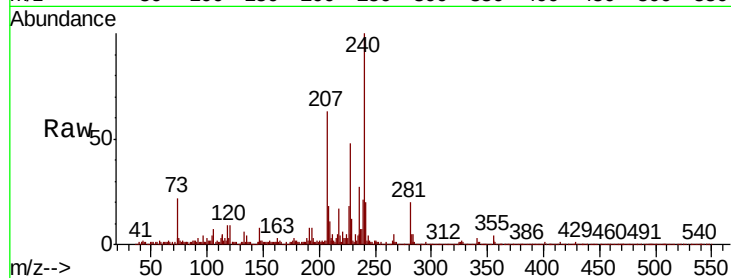
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.1	12.1
236	27.1	20.9	31.3

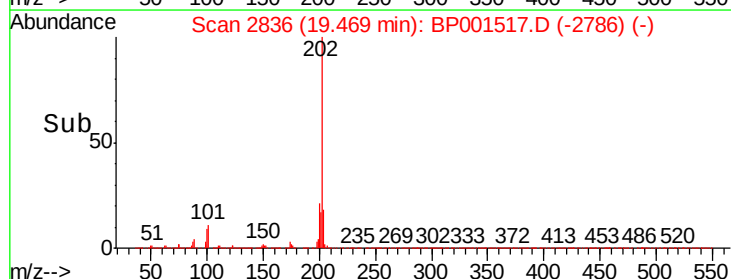
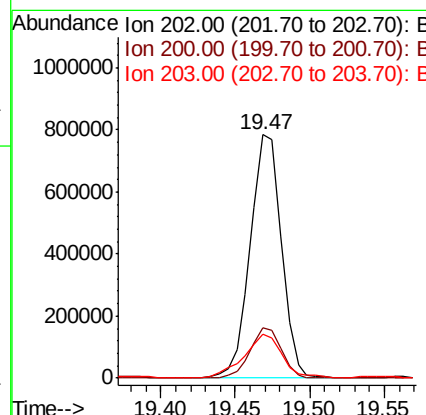
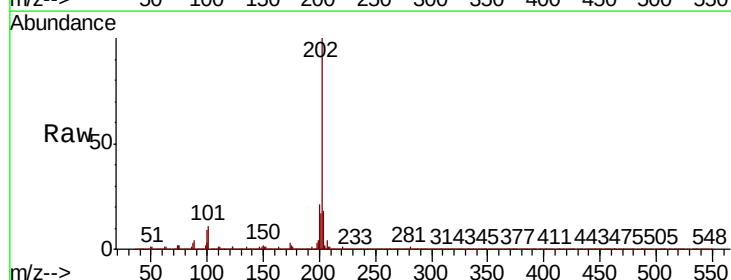
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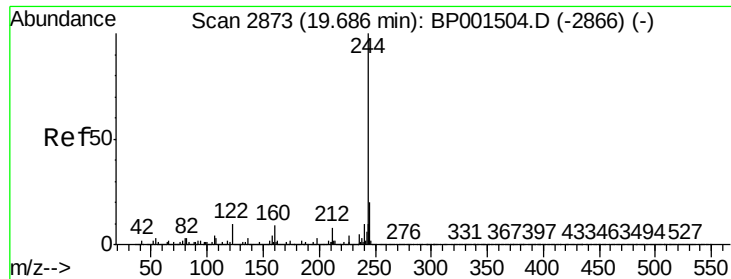
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#78
Pyrene
Concen: 56.614 ng
RT: 19.47 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.4	24.6
203	18.0	14.2	21.2





#79

Terphenyl-d14

Concen: 62.905 ng

RT: 19.68 min Scan# 2872

Delta R.T. -0.01 min

Lab File: BP001517.D

Acq: 03 Jan 2020 20:39

Instrument :

BNA_P

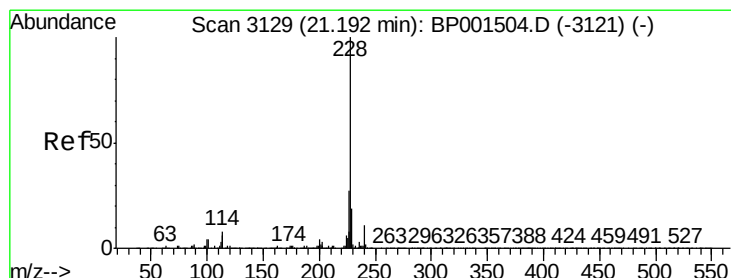
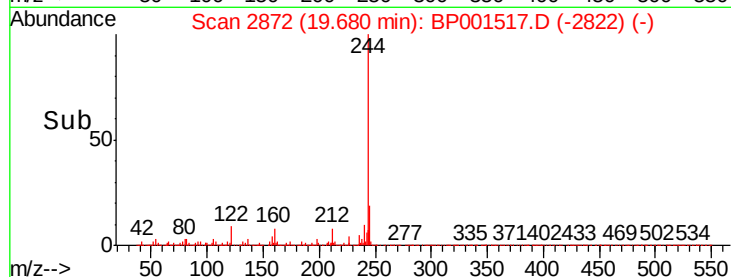
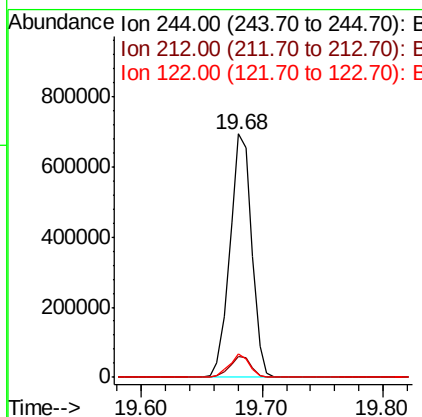
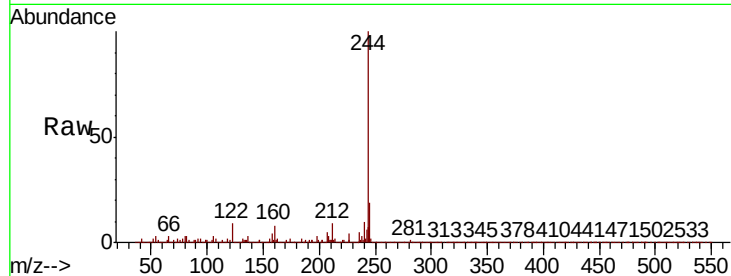
ClientSampleId :

MC-123119-2-5-COMP-B6

Tot Ion:	244	Resp:	868381
Ion Ratio	Lower	Upper	
244	100		
212	8.6	6.6	9.8
122	9.5	7.8	11.6

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#81

Benzo(a)anthracene

Concen: 31.917 ng

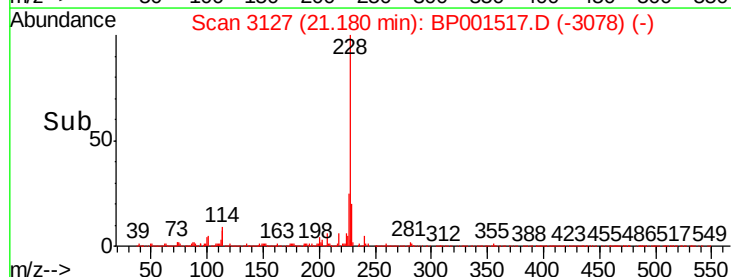
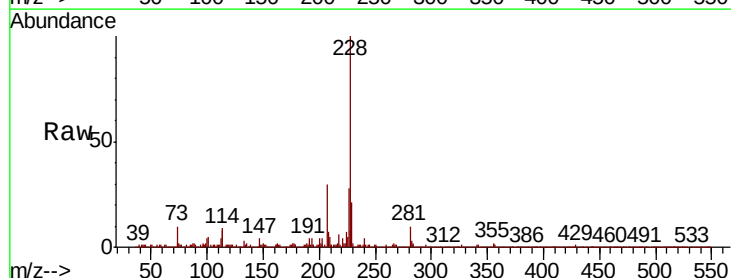
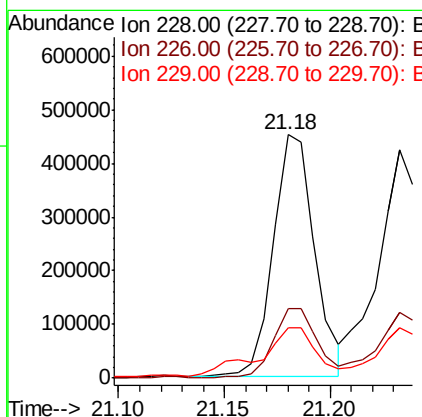
RT: 21.18 min Scan# 3127

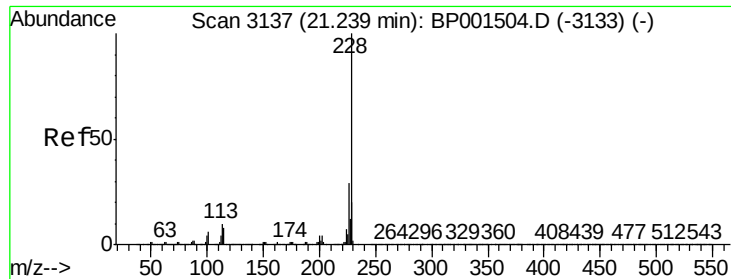
Delta R.T. -0.01 min

Lab File: BP001517.D

Acq: 03 Jan 2020 20:39

Tgt Ion:	228	Resp:	616119
Ion Ratio	Lower	Upper	
228	100		
226	28.3	21.5	32.3
229	20.6	15.4	23.2





#83

Chrysene

Concen: 31.851 ng

RT: 21.23 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BP001517.D

Acq: 03 Jan 2020 20:39

Instrument :

BNA_P

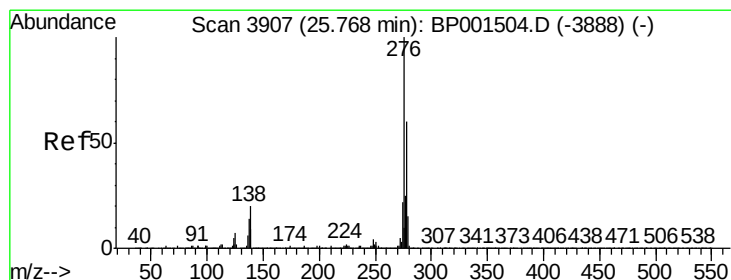
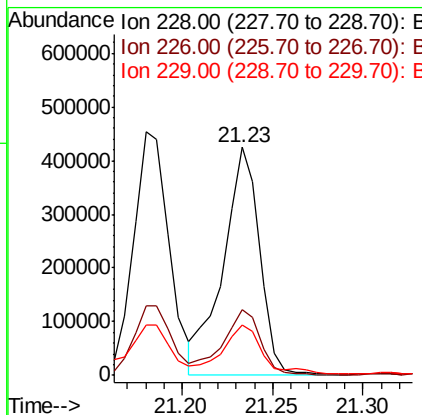
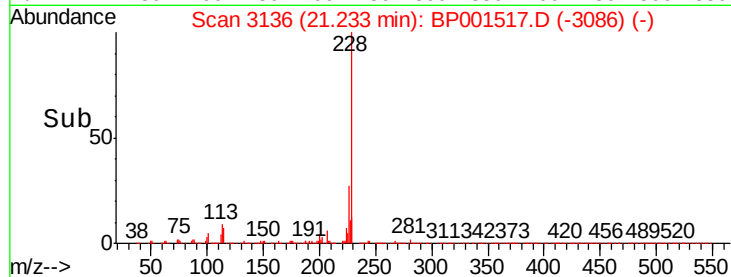
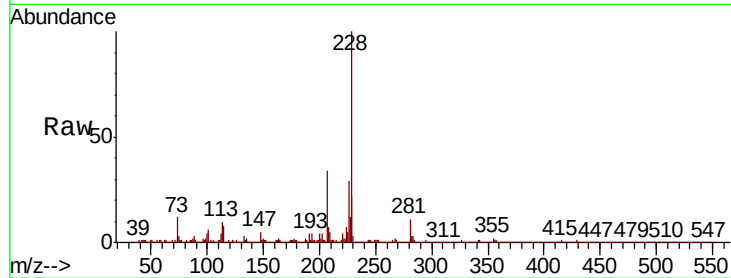
ClientSampleId :

MC-123119-2-5-COMP-B6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	29.0		23.0	34.6	
229	22.3		15.7	23.5	

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#86

Indeno(1,2,3-cd)pyrene

Concen: 16.077 ng

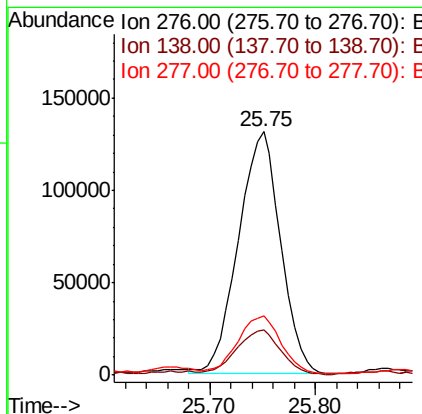
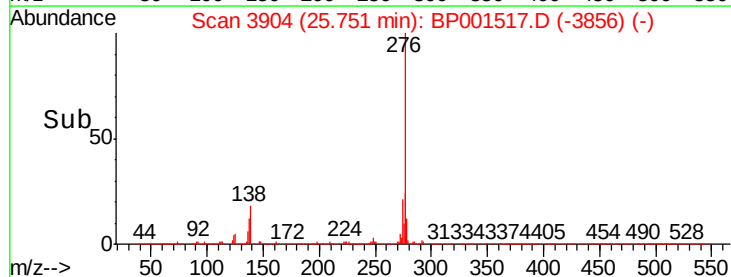
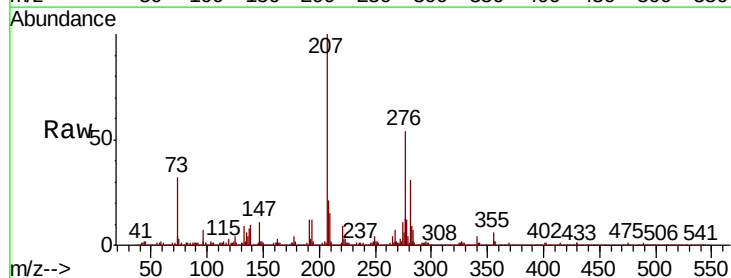
RT: 25.75 min Scan# 3904

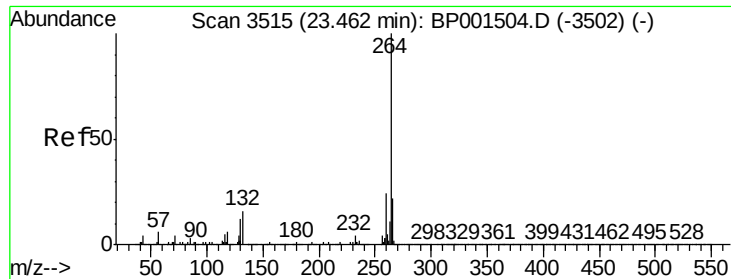
Delta R.T. -0.02 min

Lab File: BP001517.D

Acq: 03 Jan 2020 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	19.0		17.8	26.8	
277	24.8		20.0	30.0	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3514

Delta R.T. -0.01 min

Lab File: BP001517.D

Acq: 03 Jan 2020 20:39

Instrument :

BNA_P

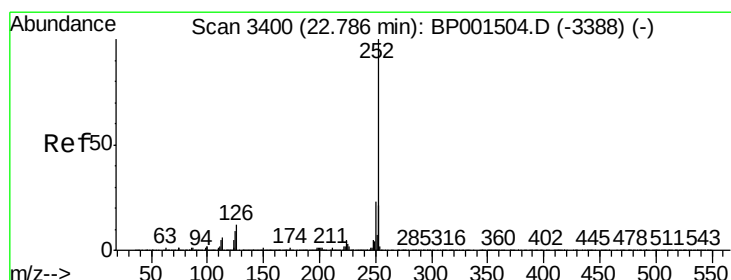
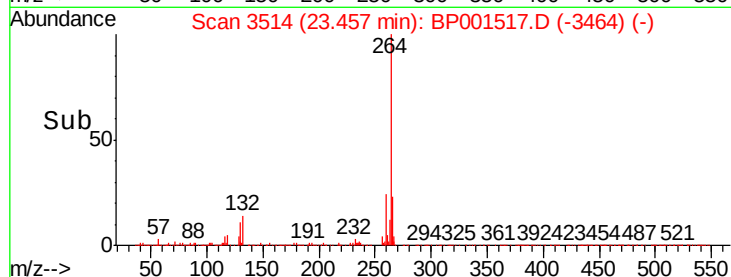
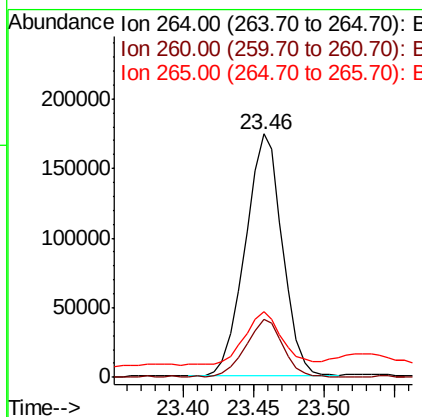
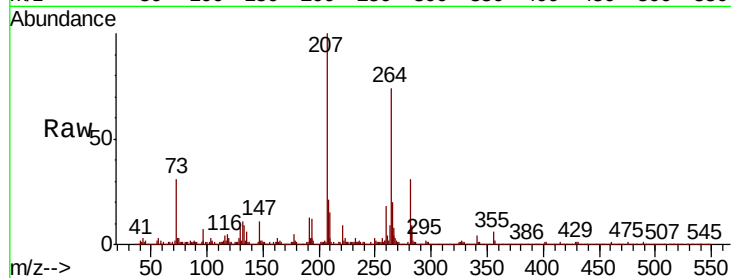
ClientSampleId :

MC-123119-2-5-COMP-B6

Tot Ion:	264	Resp:	320973
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.0	28.4
265	26.8	17.2	25.8#

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#88

Benzo(b)fluoranthene

Concen: 36.729 ng m

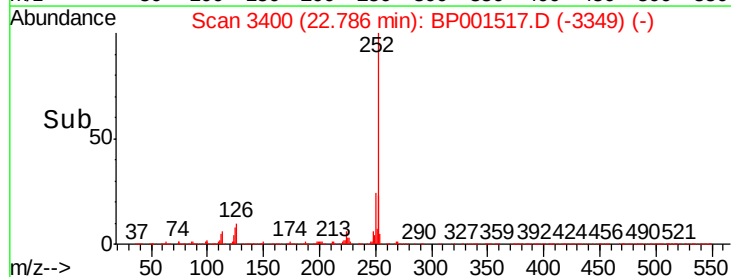
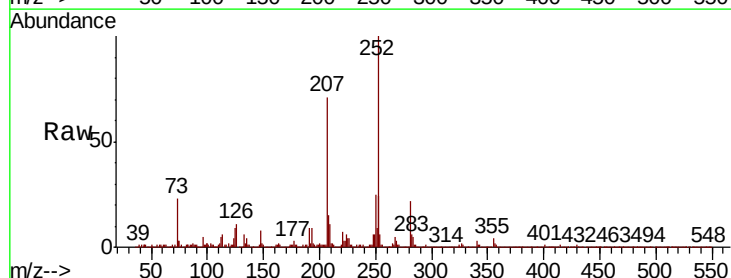
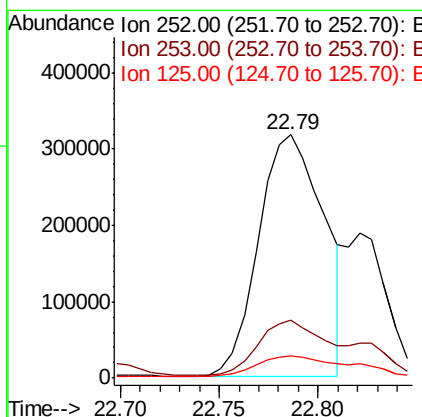
RT: 22.79 min Scan# 3400

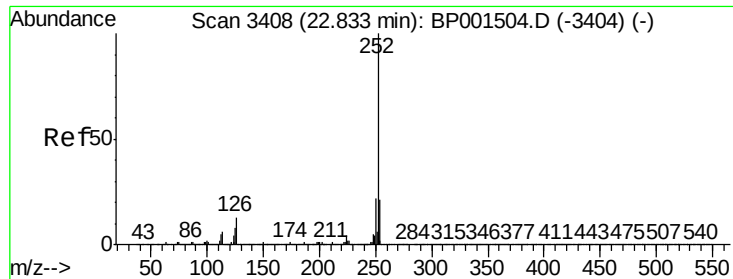
Delta R.T. 0.00 min

Lab File: BP001517.D

Acq: 03 Jan 2020 20:39

Tgt Ion:	252	Resp:	729958
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.0	25.6
125	9.0	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 10.985 ng/mL

RT: 22.82 min Scan# 3406

Delta R.T. -0.01 min

Lab File: BP001517.D

Acq: 03 Jan 2020 20:39

Instrument :

BNA_P

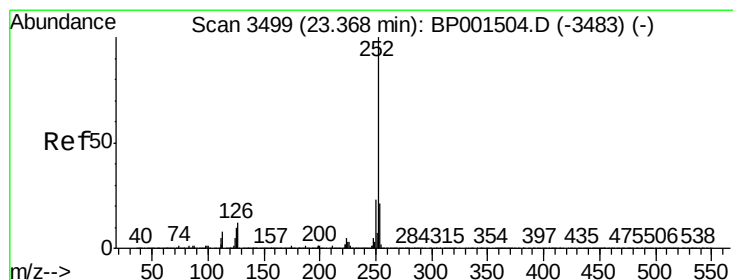
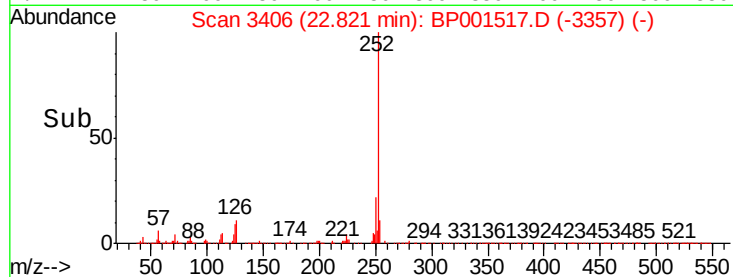
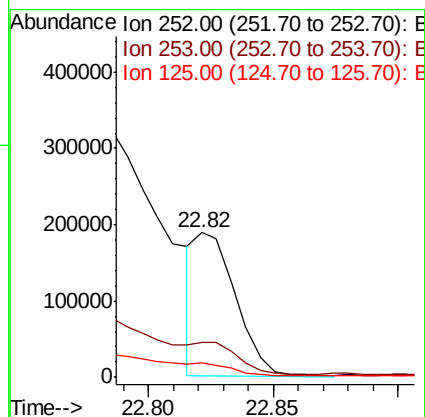
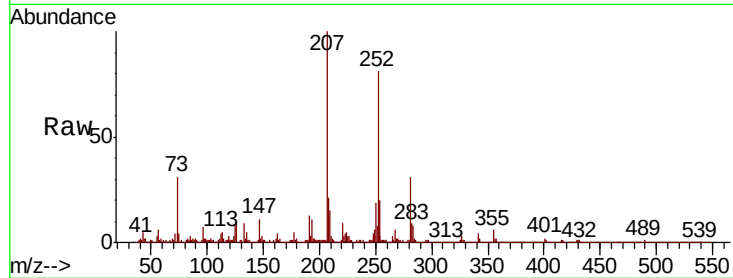
ClientSampleId :

MC-123119-2-5-COMP-B6

Tot Ion:	252	Resp:	209118
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.0	25.6
125	9.7	6.6	10.0

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#90

Benzo(a)pyrene

Concen: 31.565 ng/mL

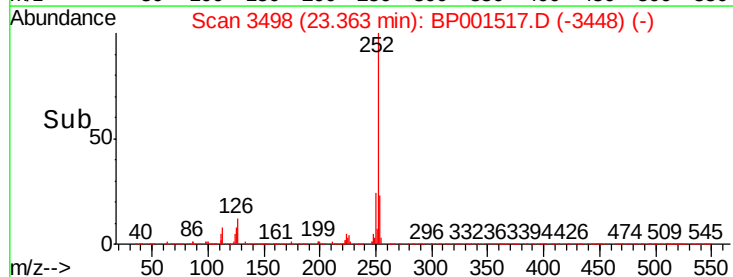
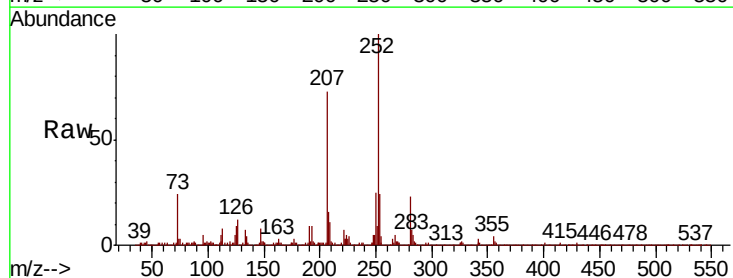
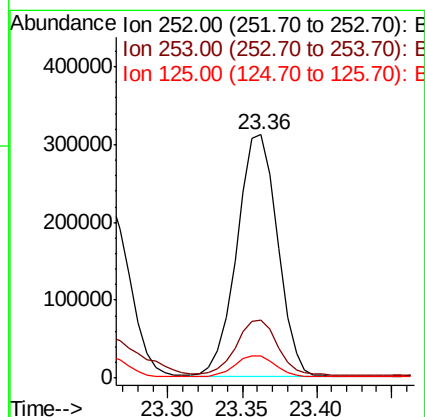
RT: 23.36 min Scan# 3498

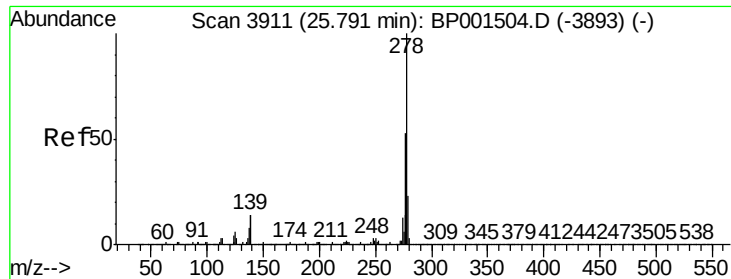
Delta R.T. -0.01 min

Lab File: BP001517.D

Acq: 03 Jan 2020 20:39

Tgt Ion:	252	Resp:	587215
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.1	25.7
125	8.9	7.7	11.5





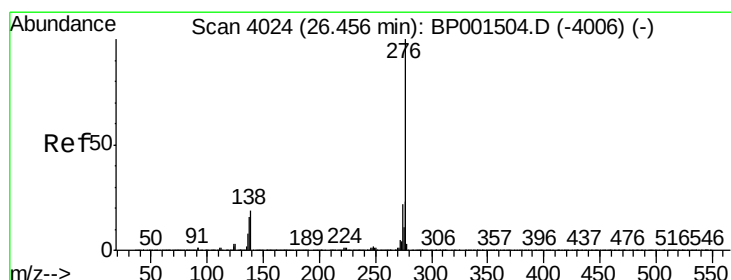
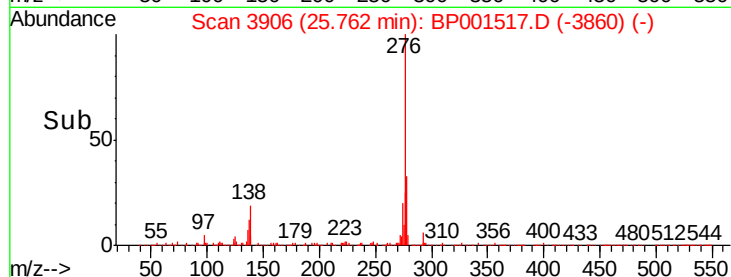
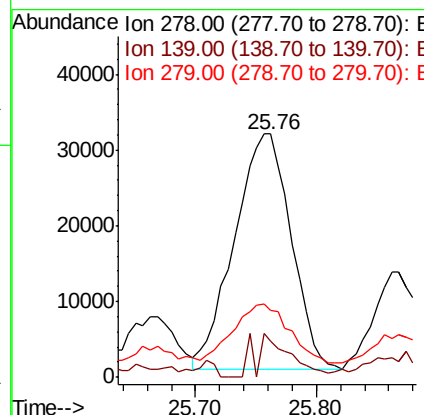
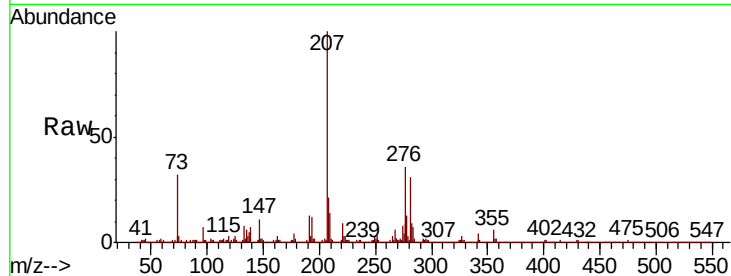
#91
Dibenzo(a,h)anthracene
Concen: 5.450 ng
RT: 25.76 min Scan# 3906
Delta R.T. -0.03 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.3	16.9
279	27.4	18.2	27.2#

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#92
Benzo(g,h,i)perylene
Concen: 19.905 ng
RT: 26.44 min Scan# 4022
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.7	28.1
138	18.3	15.0	22.4

