

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
 Data File : BP001667.D
 Acq On : 17 Jan 2020 20:42
 Operator : JU
 Sample : L1008-08 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-01-011620

Manual Integrations
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mohammad
 1/21/2020 7:53:15 AM

Quant Time: Jan 18 04:27:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	58680	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	214268	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	125483	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	225630	20.00	ng	0.00
76) Chrysene-d12	21.15	240	172970	20.00	ng	0.00
87) Perylene-d12	23.39	264	185559	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	172597	57.62	ng	0.00
7) Phenol-d6	6.83	99	254405	53.14	ng	0.00
23) Nitrobenzene-d5	8.78	82	177792	36.26	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	66150	34.63	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	326281	38.23	ng	0.00
79) Terphenyl-d14	19.63	244	328082	34.69	ng	0.00
Target Compounds						
10) Phenol	6.86	94	10265	2.073	ng	Qvalue 94
37) 2-Methylnaphthalene	12.08	142	32469	3.603	ng	97
38) 1-Methylnaphthalene	12.30	142	29775	3.433	ng	95
49) Acenaphthylene	14.00	152	27226	2.362	ng	99
58) Fluorene	15.34	166	26519	2.715	ng	97
71) Phenanthrene	17.09	178	189633	15.454	ng	99
72) Anthracene	17.18	178	51817	4.338	ng	98
75) Fluoranthene	19.07	202	141052	8.736	ng	98
78) Pyrene	19.42	202	205707	16.190	ng	98
81) Benzo(a)anthracene	21.13	228	81174	6.739	ng	# 90
83) Chrysene	21.19	228	79976	6.812	ng	# 92
86) Indeno(1,2,3-cd)pyrene	25.65	276	32986	2.400	ng	# 97
88) Benzo(b)fluoranthene	22.72	252	77011m	6.586	ng	
90) Benzo(a)pyrene	23.29	252	59341	5.345	ng	# 92
92) Benzo(a,h,i)perylene	26.33	276	37250	3.271	ng	# 88

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

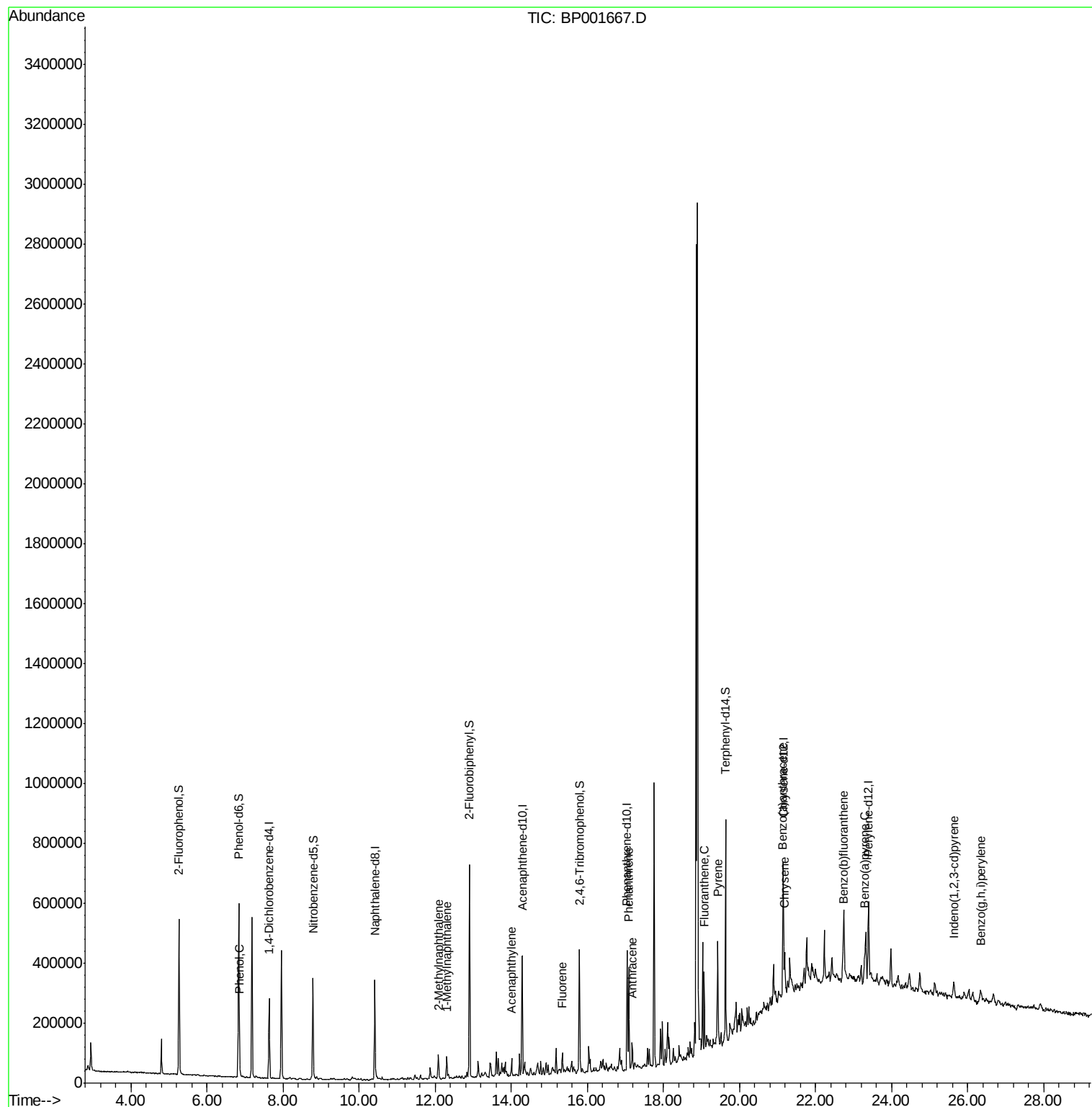
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
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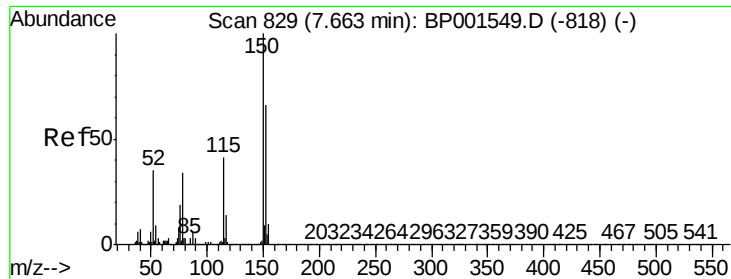
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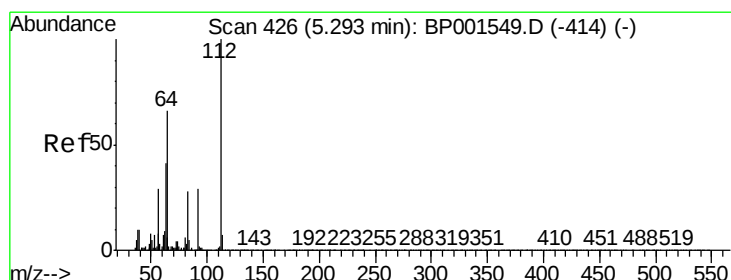
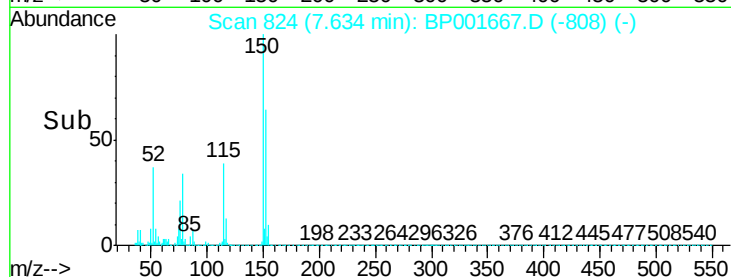
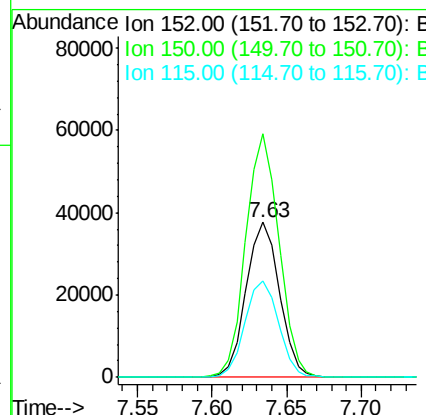
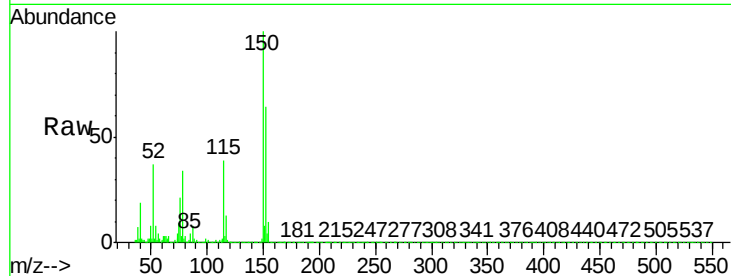
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001667.D
Acq: 17 Jan 2020 20:42

Instrument :
BNA_P
ClientSampleId :
CL-01-011620

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.0	183.0
115	62.0	50.7	76.1

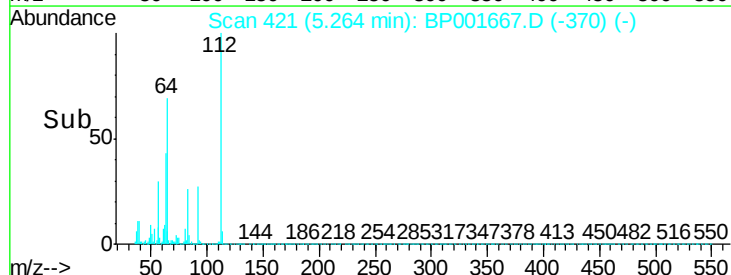
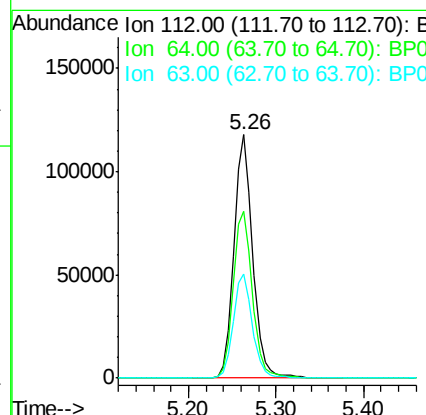
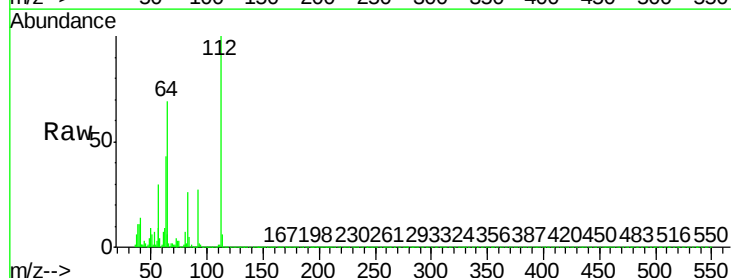
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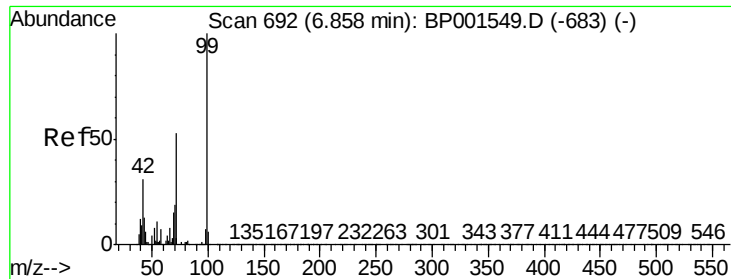
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#5
2-Fluorophenol
Concen: 57.618 ng
RT: 5.26 min Scan# 421
Delta R.T. 0.00 min
Lab File: BP001667.D
Acq: 17 Jan 2020 20:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	52.8	79.2
63	42.6	33.1	49.7





#7

Phenol-d6

Concen: 53.140 ng

RT: 6.83 min Scan# 688

Delta R.T. 0.00 min

Lab File: BP001667.D

Acq: 17 Jan 2020 20:42

Instrument :

BNA_P

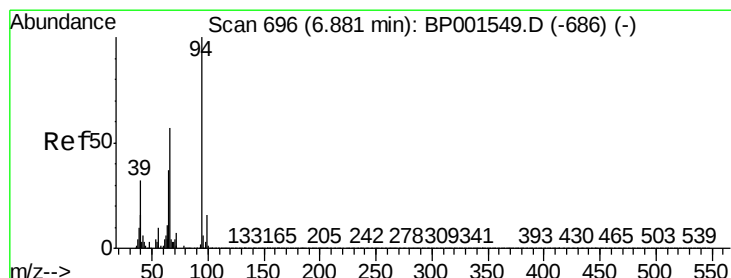
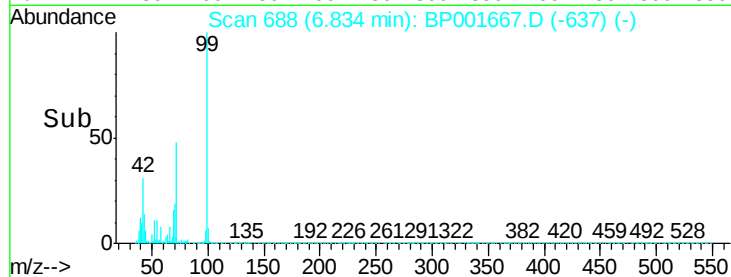
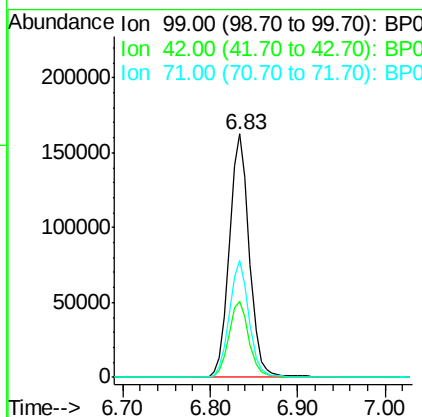
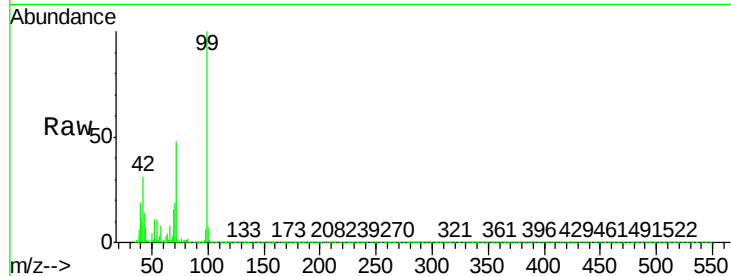
ClientSampleId :

CL-01-011620

Tot Ion:	99	Resp:	254405
Ion Ratio	Lower	Upper	
99	100		
42	31.3	24.5	36.7
71	47.9	42.4	63.6

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#10

Phenol

Concen: 2.073 ng

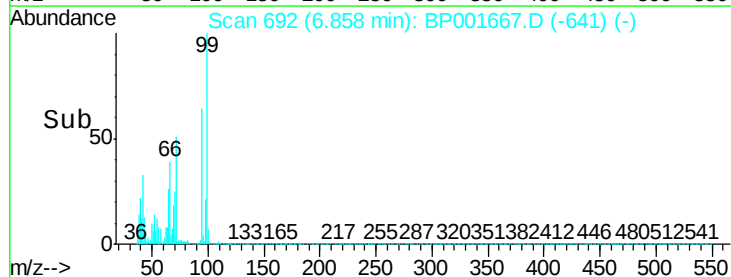
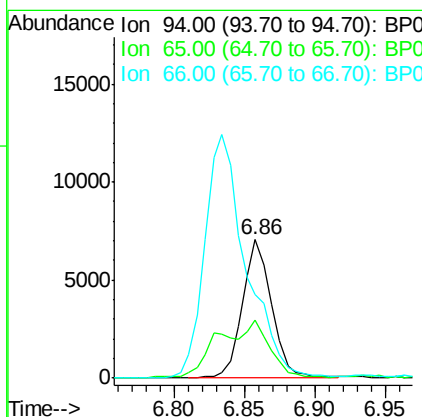
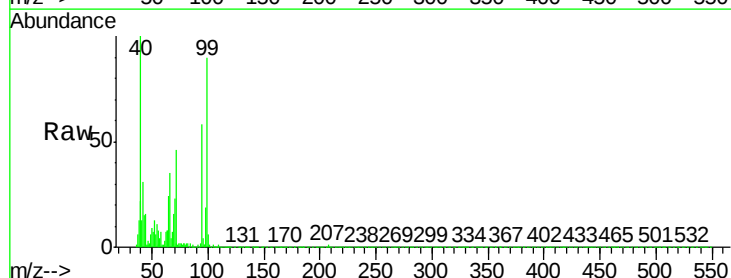
RT: 6.86 min Scan# 692

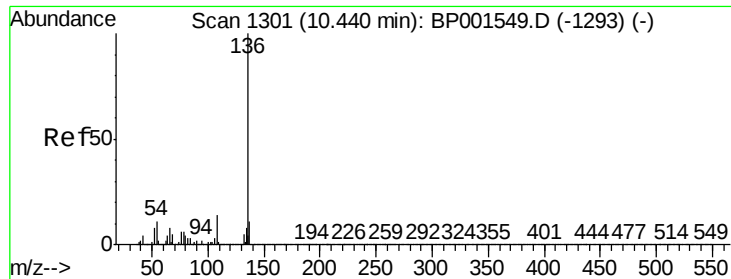
Delta R.T. 0.00 min

Lab File: BP001667.D

Acq: 17 Jan 2020 20:42

Tgt Ion:	94	Resp:	10265
Ion Ratio	Lower	Upper	
94	100		
65	41.6	17.5	57.5
66	60.3	36.7	76.7





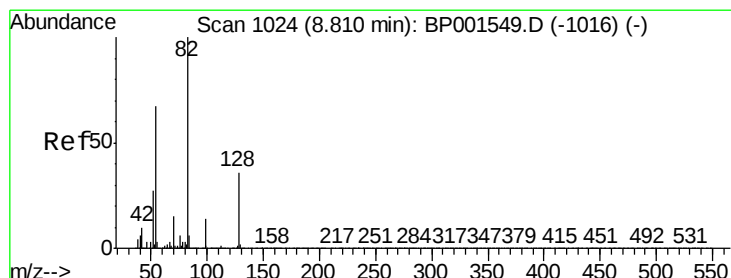
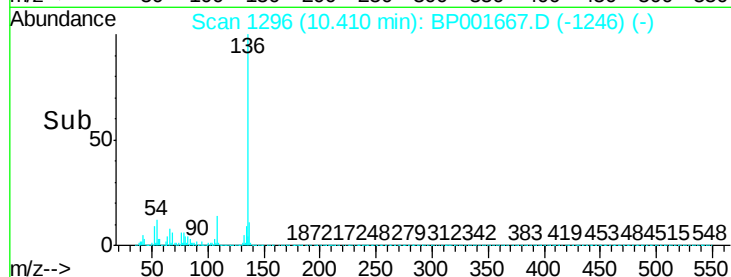
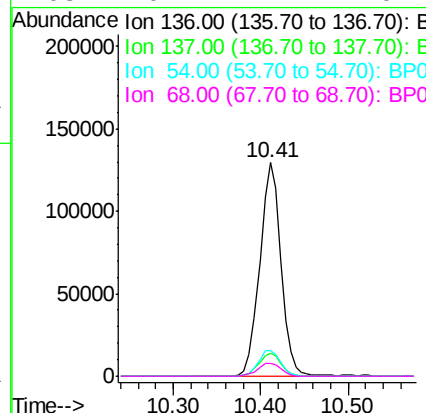
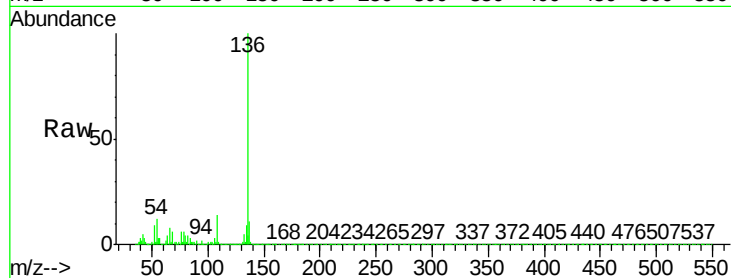
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP001667.D
Acq: 17 Jan 2020 20:42

Instrument :
BNA_P
ClientSampleId :
CL-01-011620

Tot Ion	Ion	Ratio	Resp Lower	Upper
136	100			
137	10.7	8.6	12.8	
54	12.2	9.2	13.8	
68	6.2	4.1	6.1#	

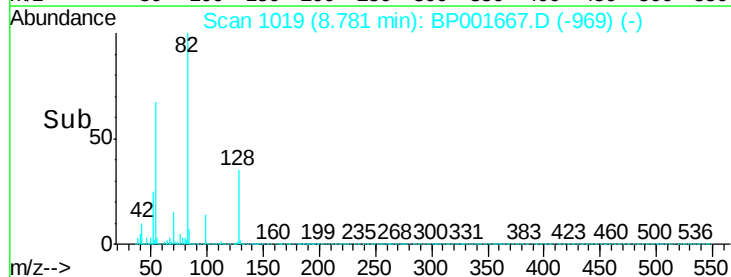
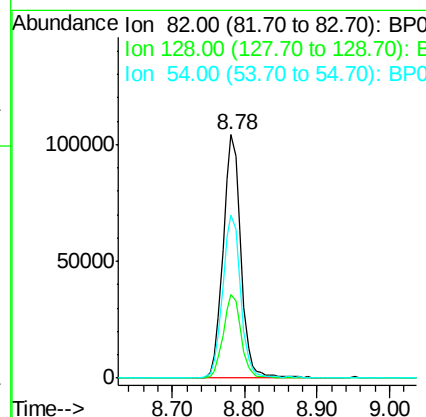
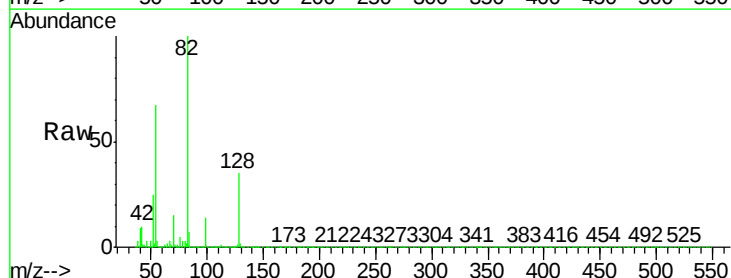
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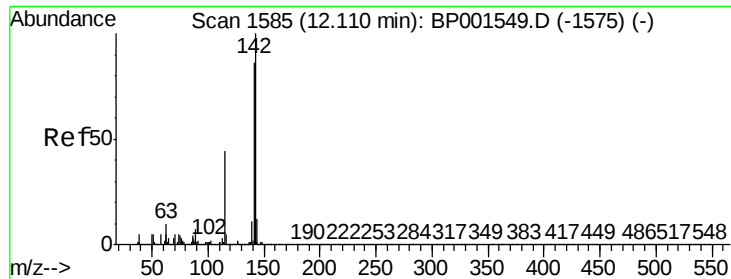
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#23
Nitrobenzene-d5
Concen: 36.259 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001667.D
Acq: 17 Jan 2020 20:42

Tgt Ion	Ion	Ratio	Resp Lower	Upper
82	100			
128	34.6	28.4	42.6	
54	66.9	53.4	80.2	





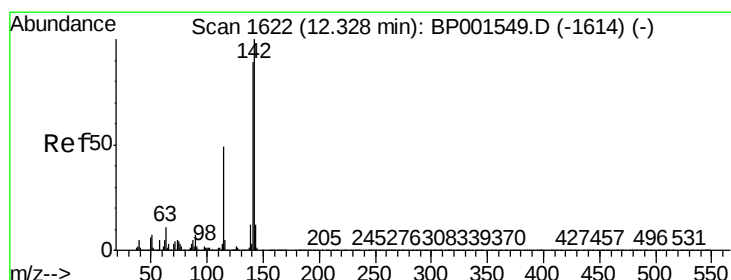
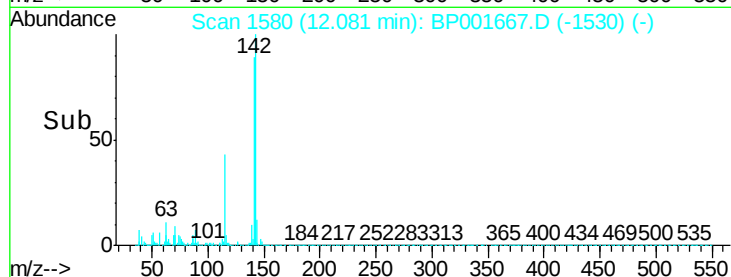
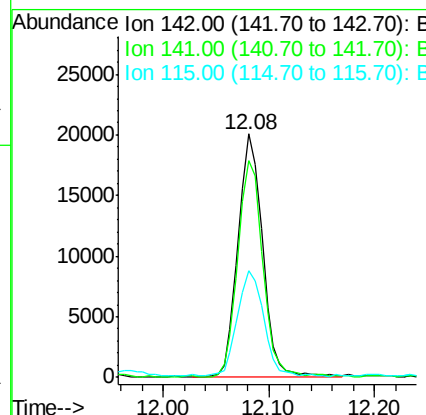
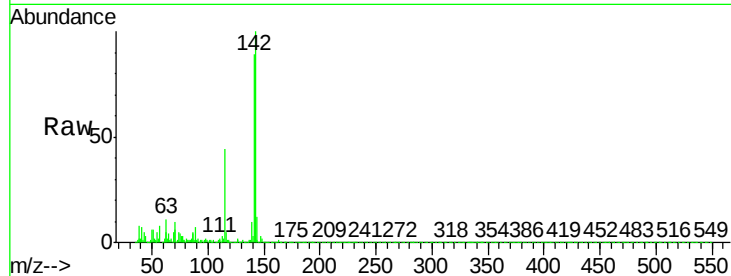
#37
2-Methylnaphthalene
Concen: 3.603 ng
RT: 12.08 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BP001667.D
Acq: 17 Jan 2020 20:42

Instrument :
BNA_P
ClientSampleId :
CL-01-011620

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	68.4	102.6
115	43.8	35.1	52.7

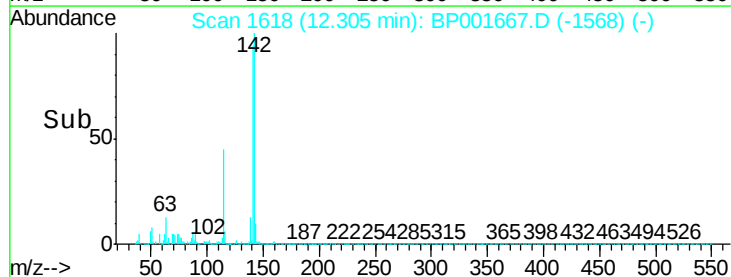
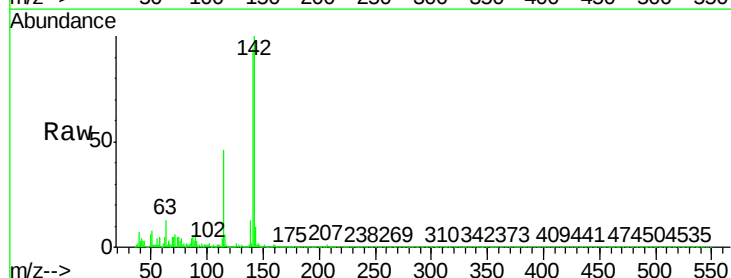
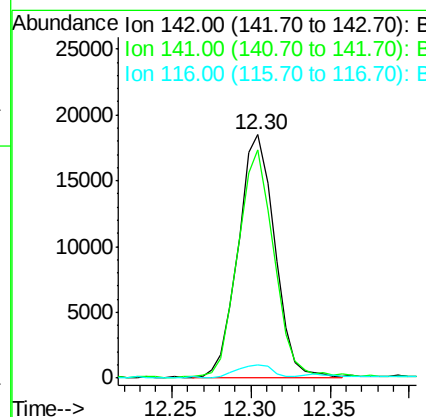
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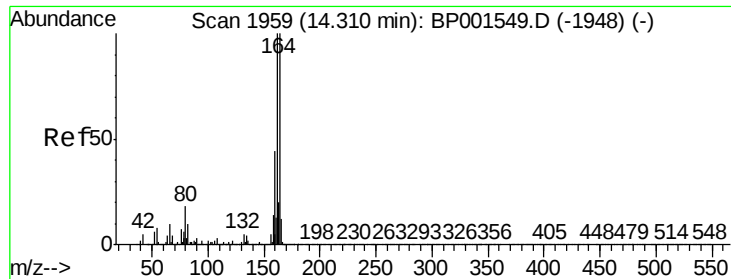
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#38
1-Methylnaphthalene
Concen: 3.433 ng
RT: 12.30 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BP001667.D
Acq: 17 Jan 2020 20:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	70.9	106.3
116	5.7	4.1	6.1





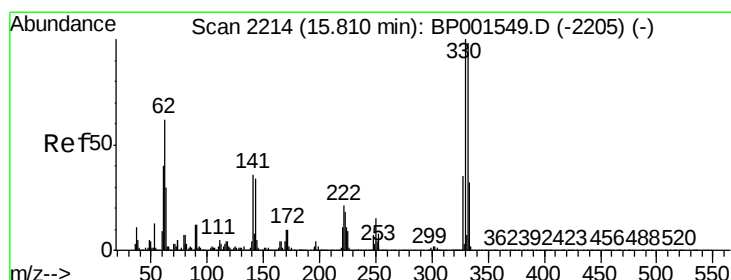
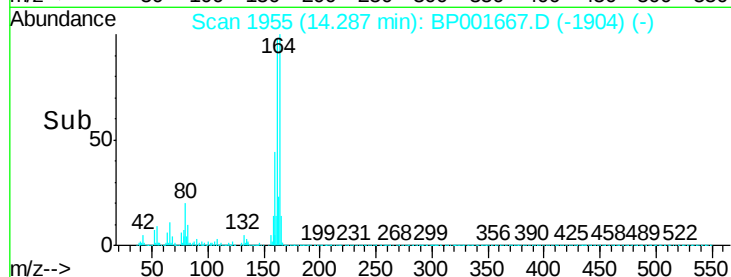
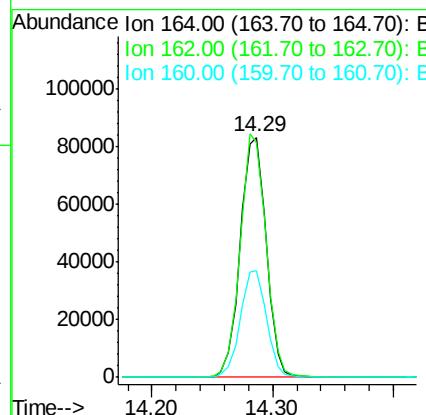
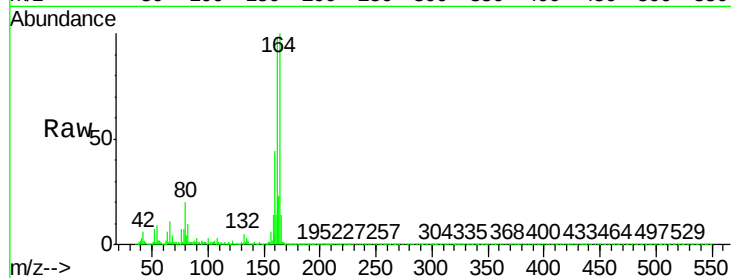
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BP001667.D
Acq: 17 Jan 2020 20:42

Instrument :
BNA_P
ClientSampleId :
CL-01-011620

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.8	119.6
160	44.2	35.0	52.6

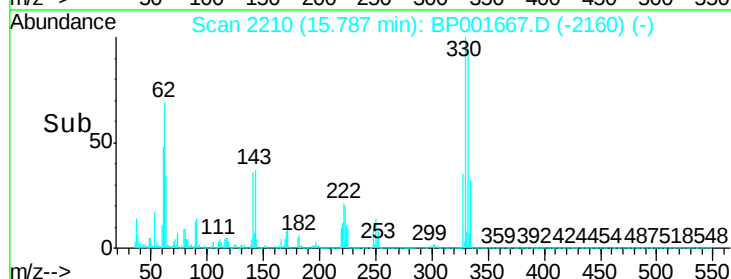
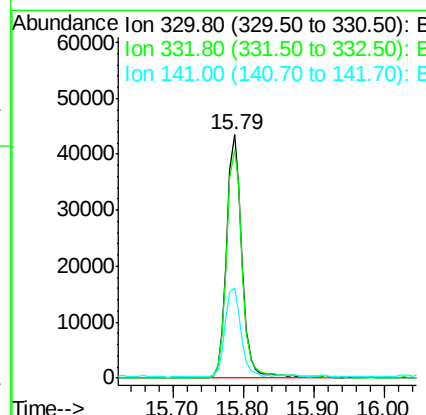
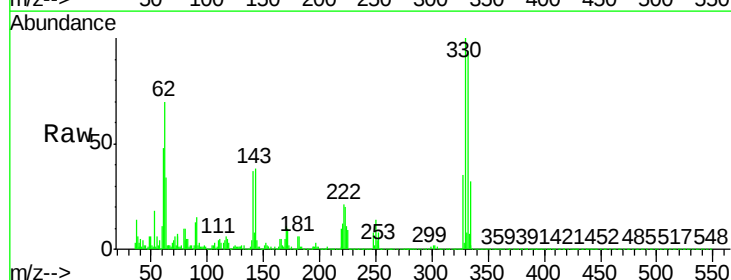
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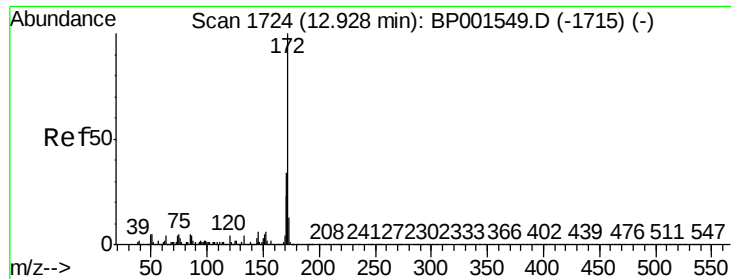
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#42
2,4,6-Tribromophenol
Concen: 34.632 ng
RT: 15.79 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BP001667.D
Acq: 17 Jan 2020 20:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.8	116.6
141	37.2	28.7	43.1





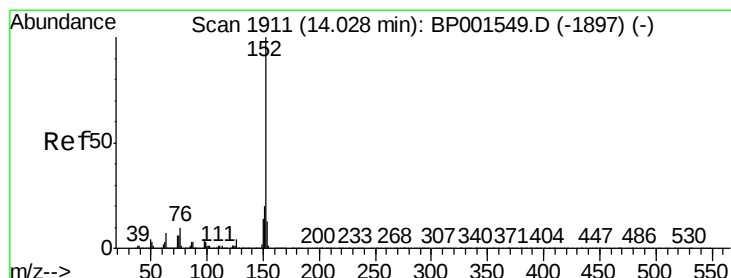
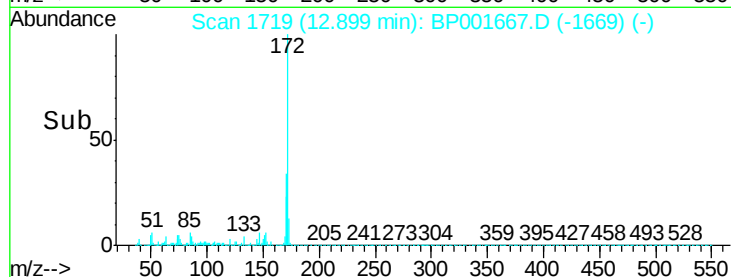
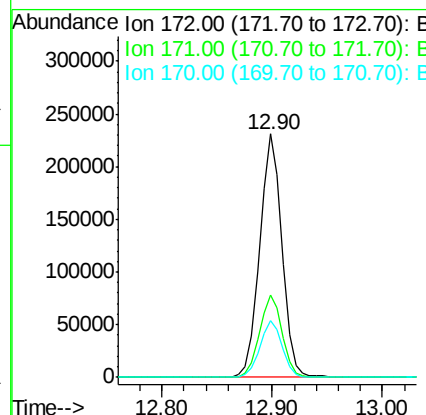
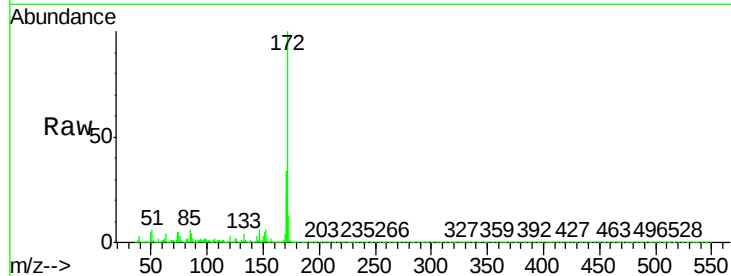
#45
2-Fluorobiphenyl
Concen: 38.230 ng
RT: 12.90 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BP001667.D
Acq: 17 Jan 2020 20:42

Instrument :
BNA_P
ClientSampleId :
CL-01-011620

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.6	41.4
170	23.1	18.3	27.5

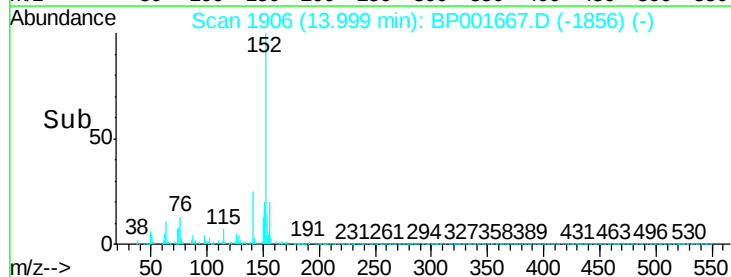
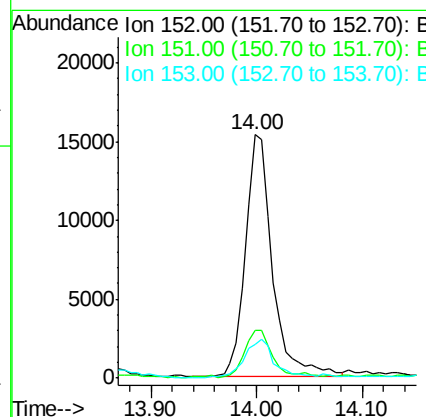
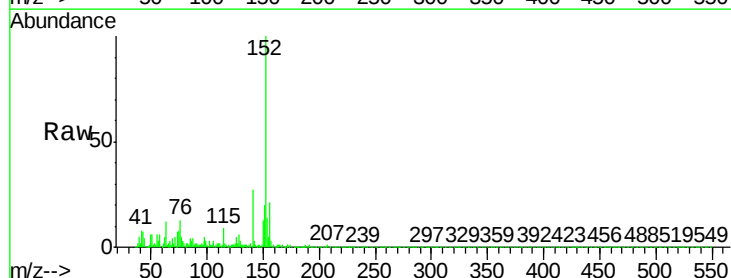
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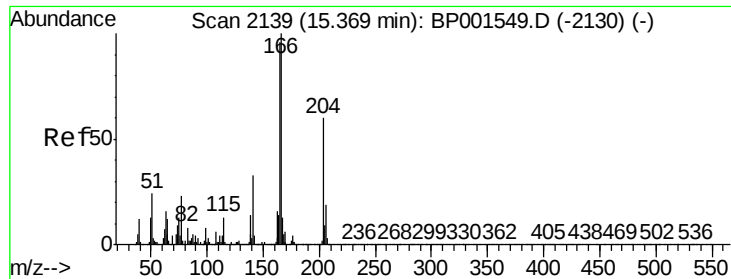
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#49
Acenaphthylene
Concen: 2.362 ng
RT: 14.00 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BP001667.D
Acq: 17 Jan 2020 20:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.8	10.4	15.6





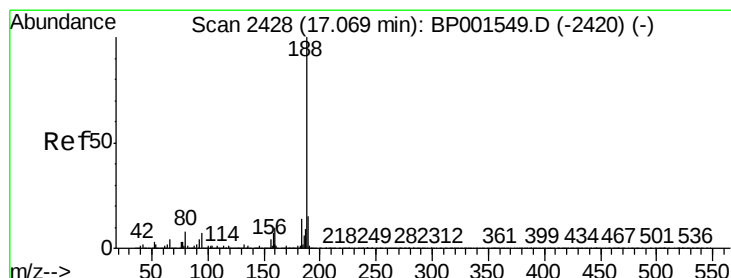
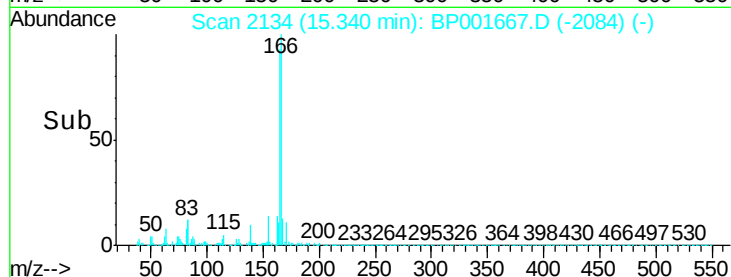
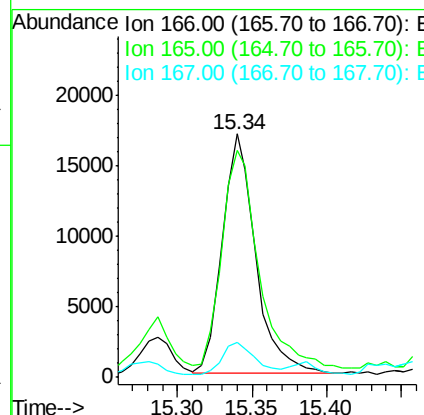
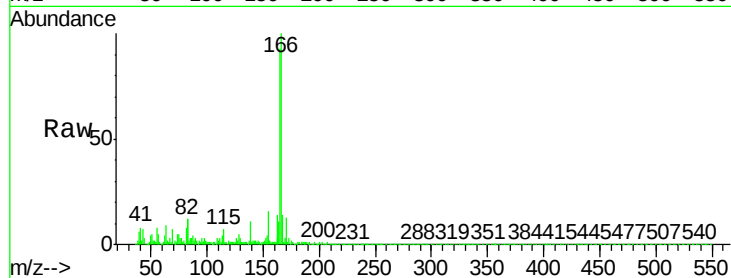
#58
Fluorene
 Concen: 2.715 ng
 RT: 15.34 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BP001667.D
 Acq: 17 Jan 2020 20:42

Instrument :
 BNA_P
 ClientSampleId :
 CL-01-011620

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		26519		
165	93.2	76.9	115.3		
167	14.5	10.3	15.5		

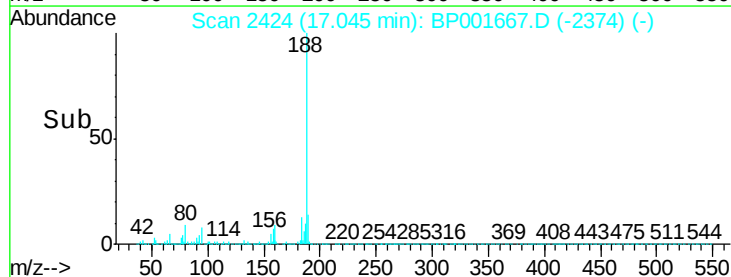
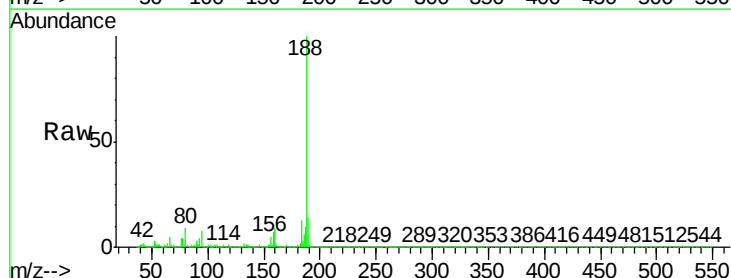
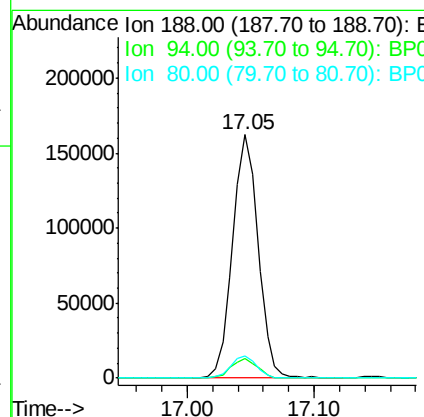
Manual Integrations
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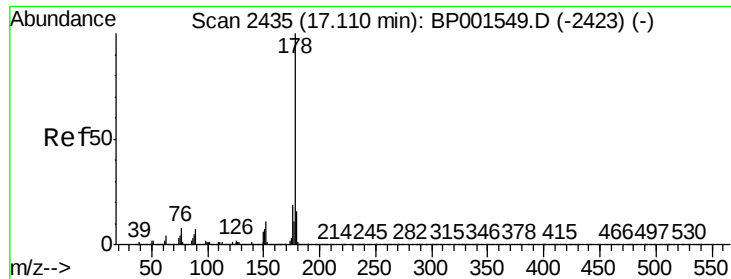
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#64
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2424
 Delta R.T. -0.01 min
 Lab File: BP001667.D
 Acq: 17 Jan 2020 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		225630		
94	7.9	5.9	8.9		
80	9.2	6.8	10.2		





#71

Phenanthrene

Concen: 15.454 ng

RT: 17.09 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BP001667.D

Acq: 17 Jan 2020 20:42

Instrument :

BNA_P

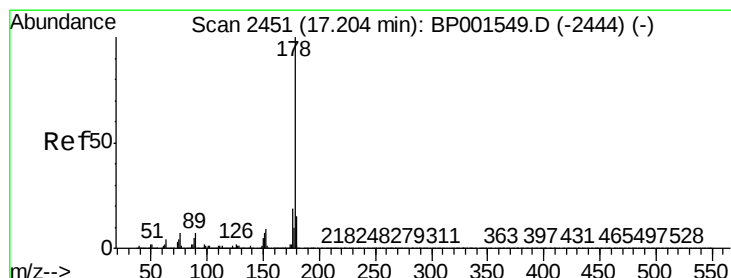
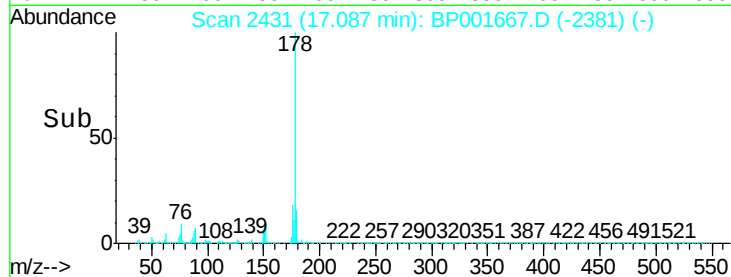
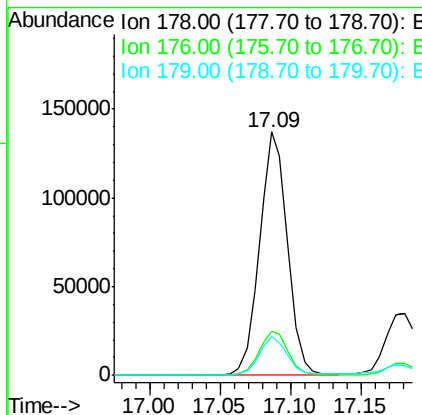
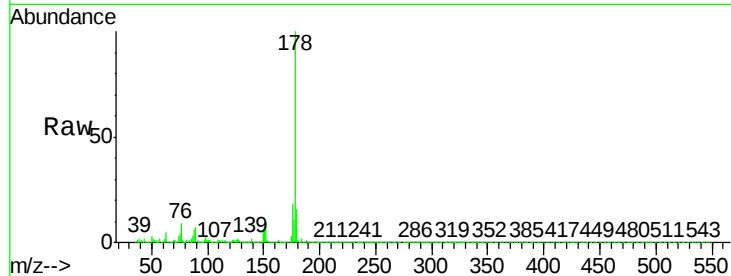
ClientSampleId :

CL-01-011620

Tot Ion:178	Resp:	189633
Ion Ratio	Lower	Upper
178	100	
176	18.3	14.9 22.3
179	15.7	12.5 18.7

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#72

Anthracene

Concen: 4.338 ng

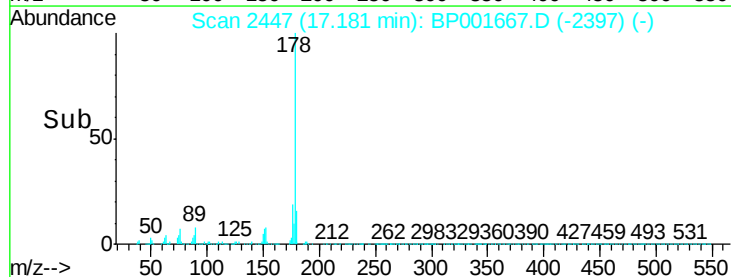
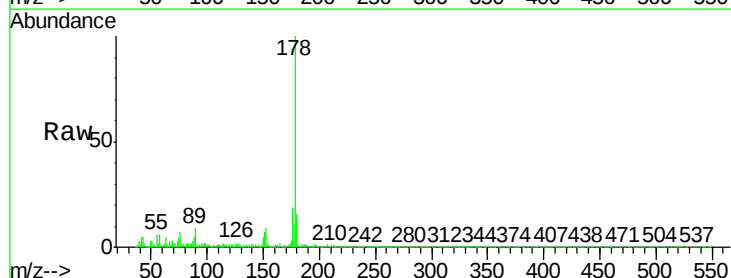
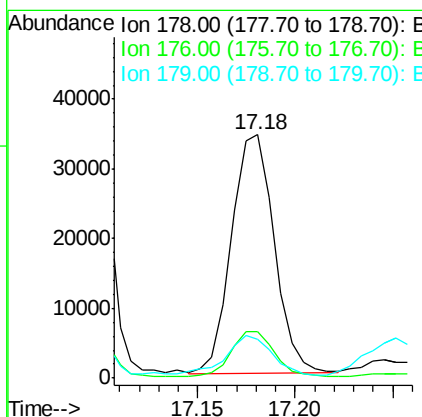
RT: 17.18 min Scan# 2447

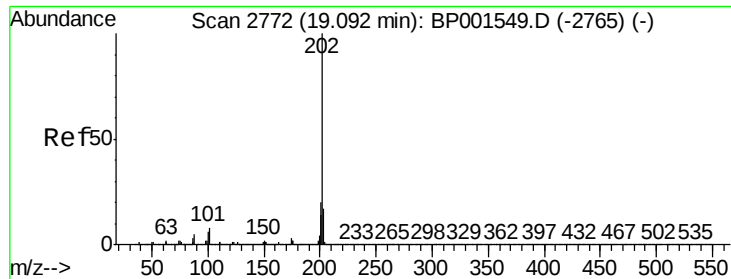
Delta R.T. -0.01 min

Lab File: BP001667.D

Acq: 17 Jan 2020 20:42

Tgt Ion:178	Resp:	51817
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.0 22.6
179	16.0	11.8 17.8





#75

Fluoranthene

Concen: 8.736 ng

RT: 19.07 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BP001667.D

Acq: 17 Jan 2020 20:42

Instrument :

BNA_P

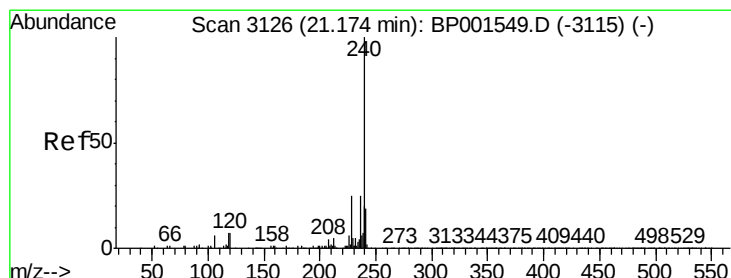
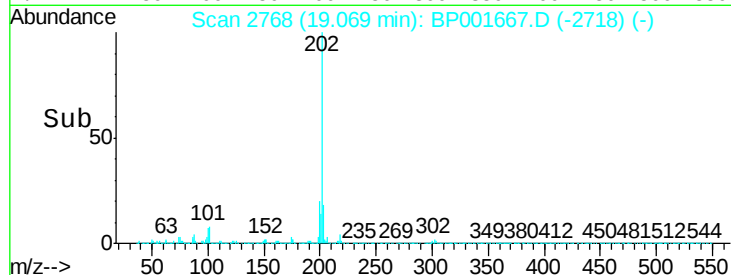
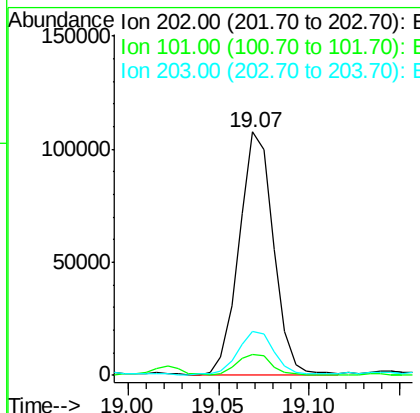
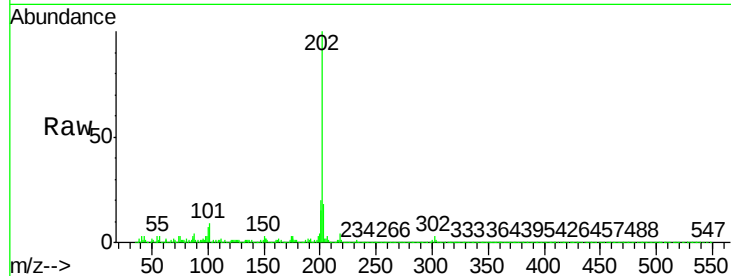
ClientSampleId :

CL-01-011620

Tot Ion:	202	Resp:	141052
Ion Ratio		Lower	Upper
202	100		
101	8.8	0.0	28.4
203	18.3	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

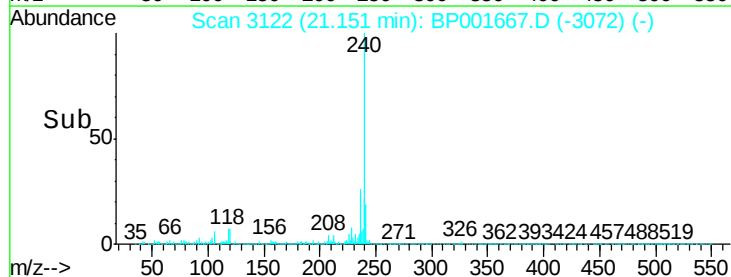
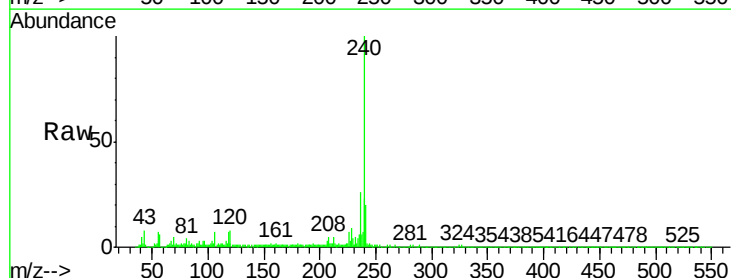
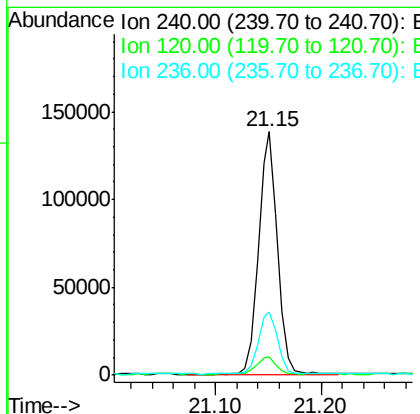
RT: 21.15 min Scan# 3122

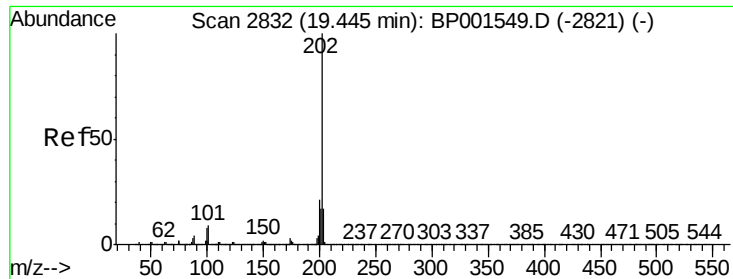
Delta R.T. -0.01 min

Lab File: BP001667.D

Acq: 17 Jan 2020 20:42

Tgt Ion:	240	Resp:	172970
Ion Ratio		Lower	Upper
240	100		
120	7.8	5.7	8.5
236	26.0	20.4	30.6





#78

Pvrene

Concen: 16.190 ng

RT: 19.42 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BP001667.D

Acq: 17 Jan 2020 20:42

Instrument :

BNA_P

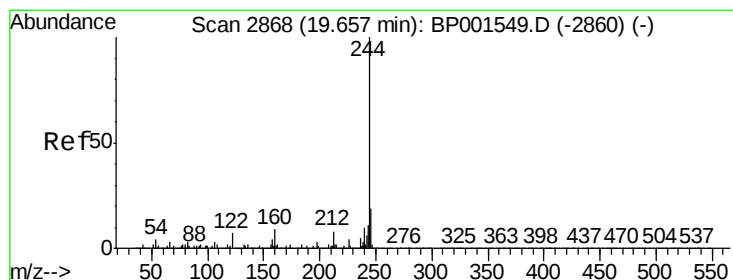
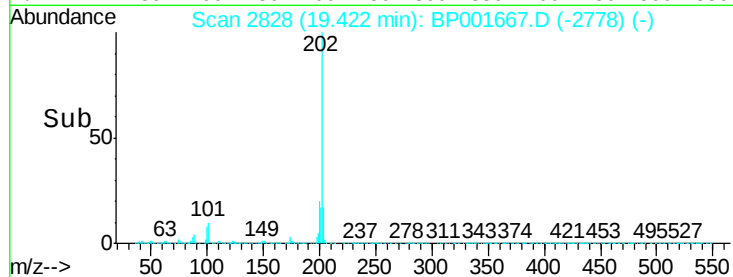
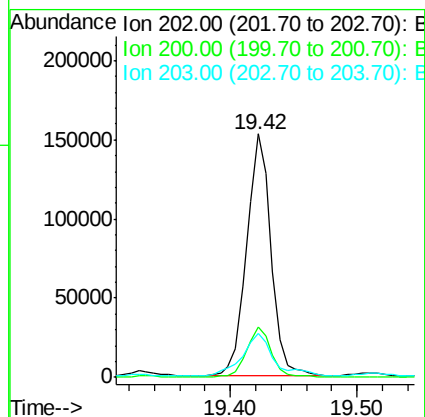
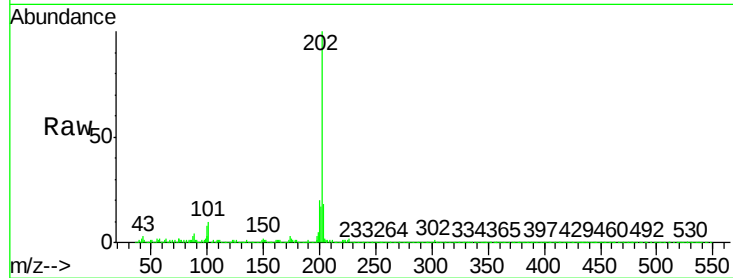
ClientSampleId :

CL-01-011620

Tot Ion:	202	Resp:	205707
Ion Ratio		Lower	Upper
202	100		
200	20.5	17.0	25.6
203	17.8	13.7	20.5

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#79

Terphenyl-d14

Concen: 34.692 ng

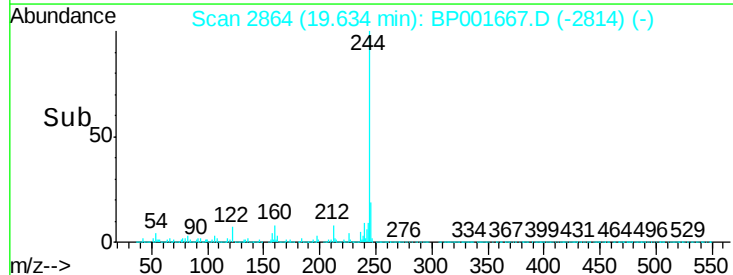
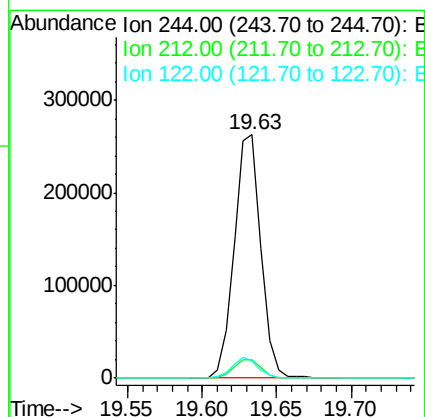
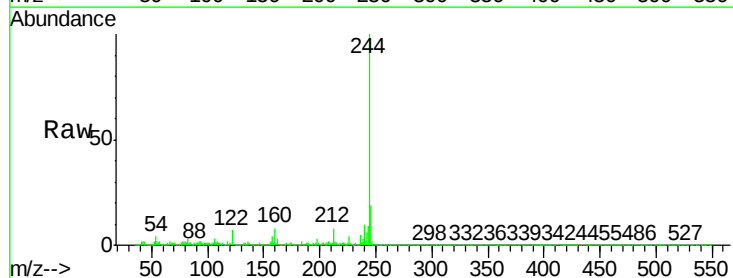
RT: 19.63 min Scan# 2864

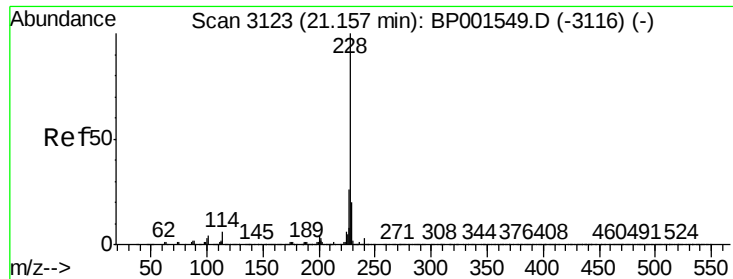
Delta R.T. -0.01 min

Lab File: BP001667.D

Acq: 17 Jan 2020 20:42

Tgt Ion:	244	Resp:	328082
Ion Ratio		Lower	Upper
244	100		
212	7.8	6.3	9.5
122	7.2	5.8	8.6





#81

Benzo(a)anthracene

Concen: 6.739 ng

RT: 21.13 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BP001667.D

Acq: 17 Jan 2020 20:42

Instrument :

BNA_P

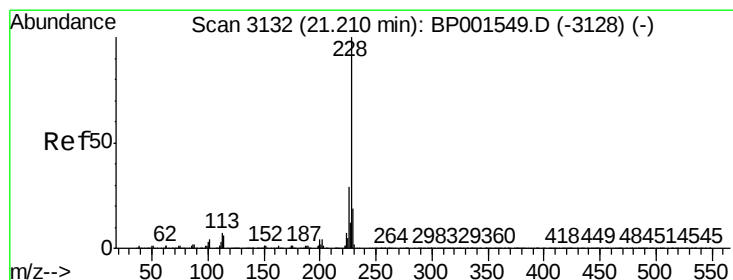
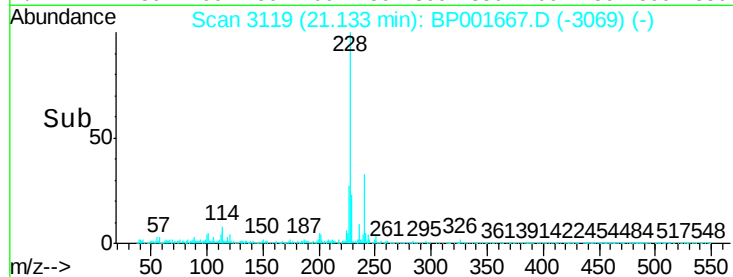
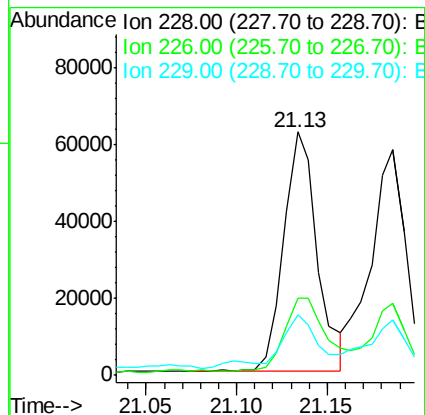
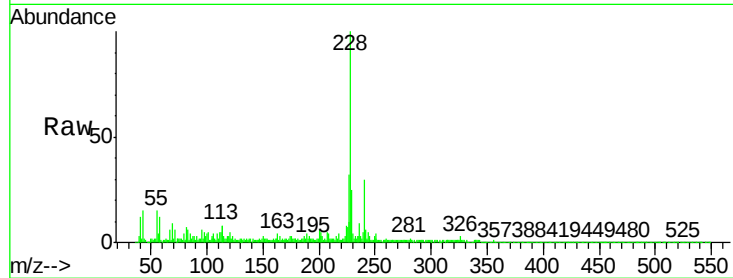
ClientSampleId :

CL-01-011620

Tot Ion:	228	Resp:	81174
Ion Ratio	Lower	Upper	
228	100		
226	31.6	21.2	31.8
229	24.7	16.1	24.1#

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#83

Chrysene

Concen: 6.812 ng

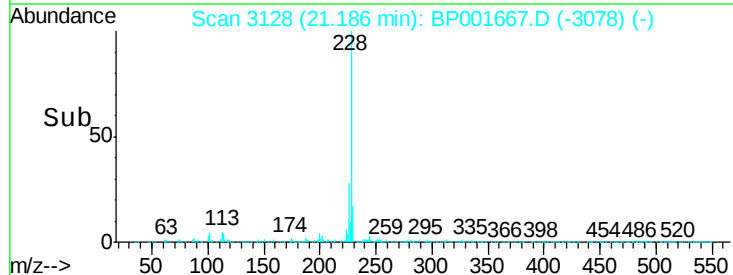
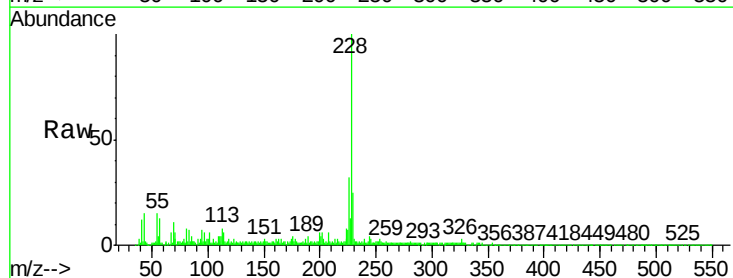
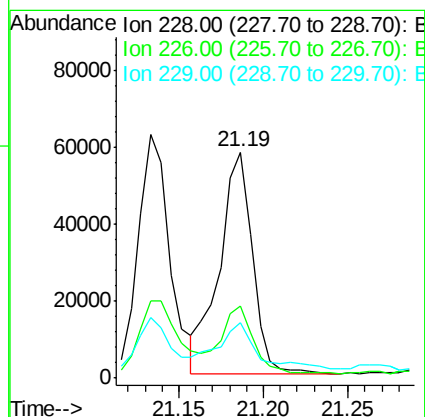
RT: 21.19 min Scan# 3128

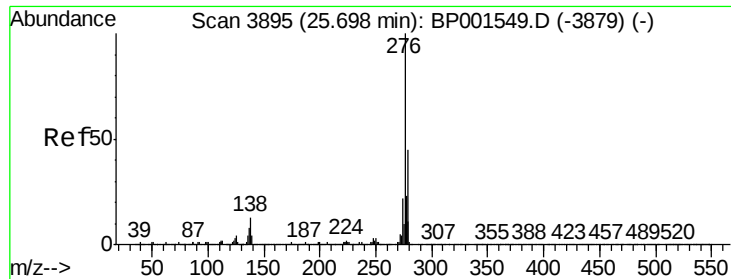
Delta R.T. -0.01 min

Lab File: BP001667.D

Acq: 17 Jan 2020 20:42

Tgt Ion:	228	Resp:	79976
Ion Ratio	Lower	Upper	
228	100		
226	32.0	23.2	34.8
229	24.8	15.2	22.8#





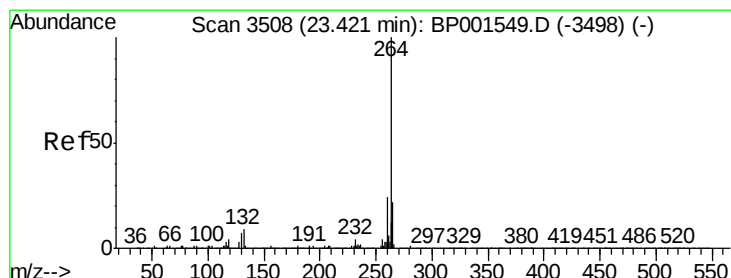
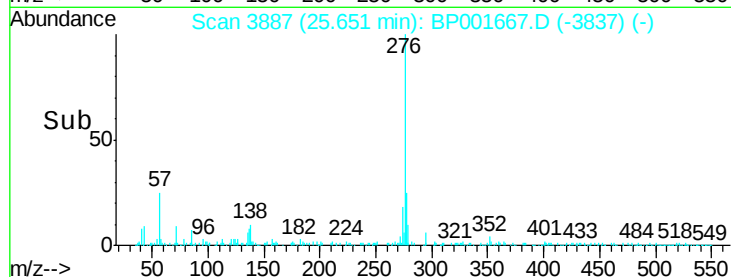
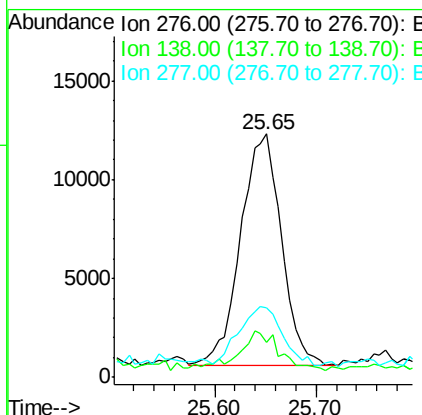
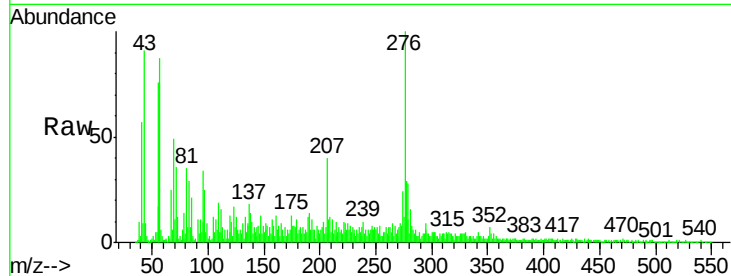
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.400 ng
RT: 25.65 min Scan# 3887
Delta R.T. -0.01 min
Lab File: BP001667.D
Acq: 17 Jan 2020 20:42

Instrument :
BNA_P
ClientSampleId :
CL-01-011620

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.9	11.1	16.7#
277	25.9	20.4	30.6

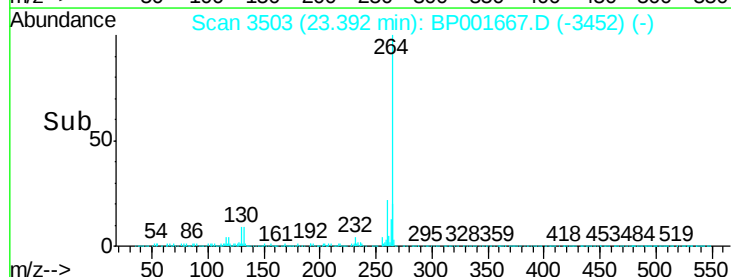
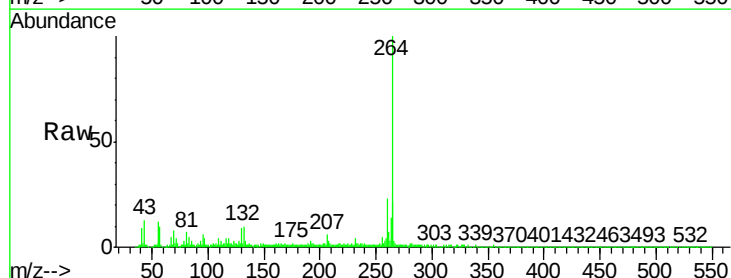
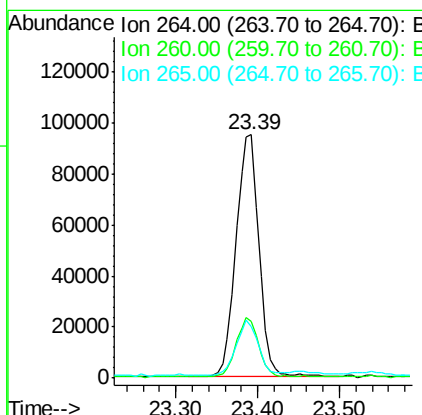
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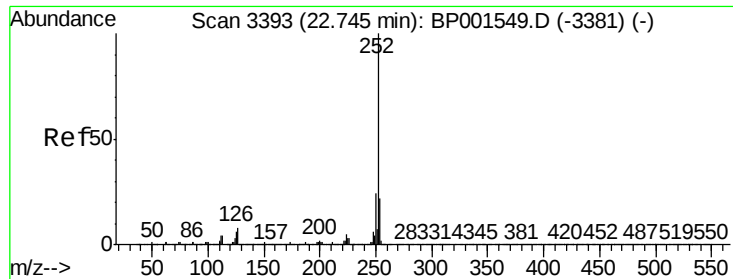
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BP001667.D
Acq: 17 Jan 2020 20:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.6
265	21.4	18.2	27.4





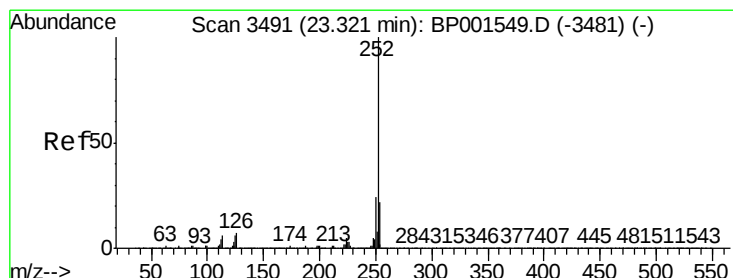
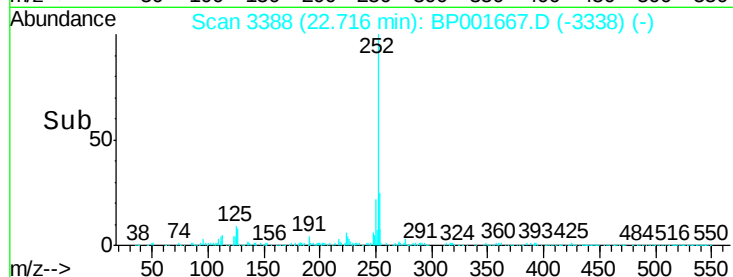
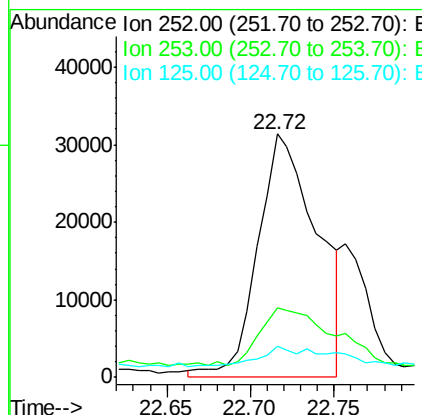
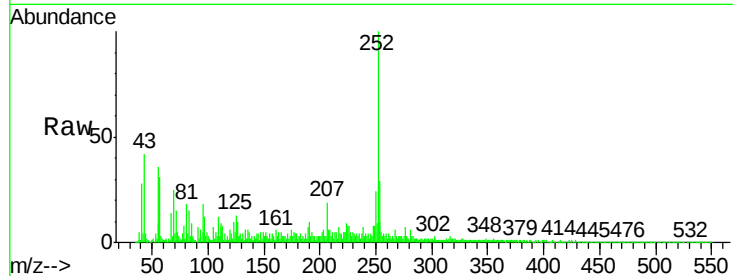
#88
Benzo(b)fluoranthene
Concen: 6.586 ng m
RT: 22.72 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BP001667.D
Acq: 17 Jan 2020 20:42

Instrument :
BNA_P
ClientSampleId :
CL-01-011620

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.6	26.4#
125	12.8	4.6	7.0#

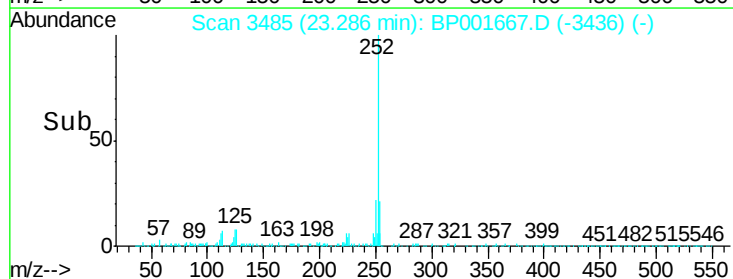
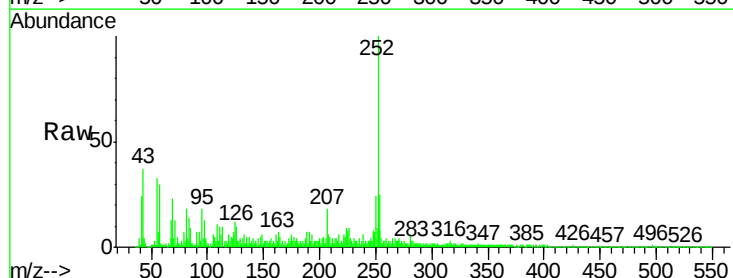
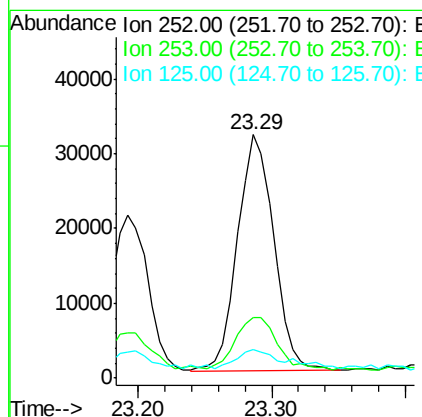
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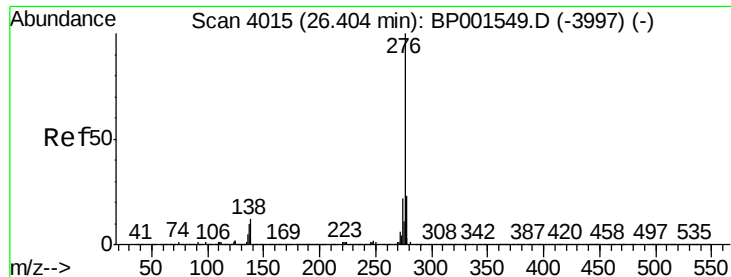
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#90
Benzo(a)pyrene
Concen: 5.345 ng
RT: 23.29 min Scan# 3485
Delta R.T. -0.01 min
Lab File: BP001667.D
Acq: 17 Jan 2020 20:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	11.7	5.0	7.4#





#92
 Benzo(a,h,i)perylene
 Concen: 3.271 ng
 RT: 26.33 min Scan# 4003
 Delta R.T. -0.01 min
 Lab File: BP001667.D
 Acq: 17 Jan 2020 20:42

Instrument :
 BNA_P
 ClientSampleId :
 CL-01-011620

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.2	18.6	28.0#
138	17.6	9.4	14.2#

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