

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
 Data File : BP002345.D
 Acq On : 01 Jun 2020 18:34
 Operator : CG/JU
 Sample : L2798-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM45-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 01 19:08:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 15:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	289214	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1167275	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	681811	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1406233	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1206532	20.00	ng	0.01
86) Perylene-d12	23.33	264	1231714	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1612860	104.74	ng	0.00
7) Phenol-d6	6.80	99	2079949	99.29	ng	0.00
23) Nitrobenzene-d5	8.75	82	1472771	75.86	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	729552	112.90	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3068615	79.42	ng	0.00
79) Terphenyl-d14	19.60	244	3832924	76.93	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.72	163	564902	12.240	ng	Qvalue 100
58) Fluorene	15.31	166	88785	2.155	ng	95
71) Phenanthrene	17.06	178	1311150	19.684	ng	99
72) Anthracene	17.15	178	327849	5.002	ng	99
75) Fluoranthene	19.04	202	2119570	27.627	ng	99
78) Pyrene	19.39	202	1966142	26.170	ng	99
81) Benzo(a)anthracene	21.10	228	981929	14.217	ng	100
83) Chrysene	21.16	228	825311	12.451	ng	98
87) Indeno(1,2,3-cd)pyrene	25.56	276	564317	7.402	ng	98
88) Benzo(b)fluoranthene	22.67	252	1131314	16.847	ng	# 97
89) Benzo(k)fluoranthene	22.71	252	395054m	6.131	ng	
90) Benzo(a)pyrene	23.23	252	868925	13.949	ng	# 97
91) Dibenzo(a,h)anthracene	25.56	278	141680	2.279	ng	# 83
92) Benzo(g,h,i)perylene	26.23	276	555044	8.754	ng	# 93

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

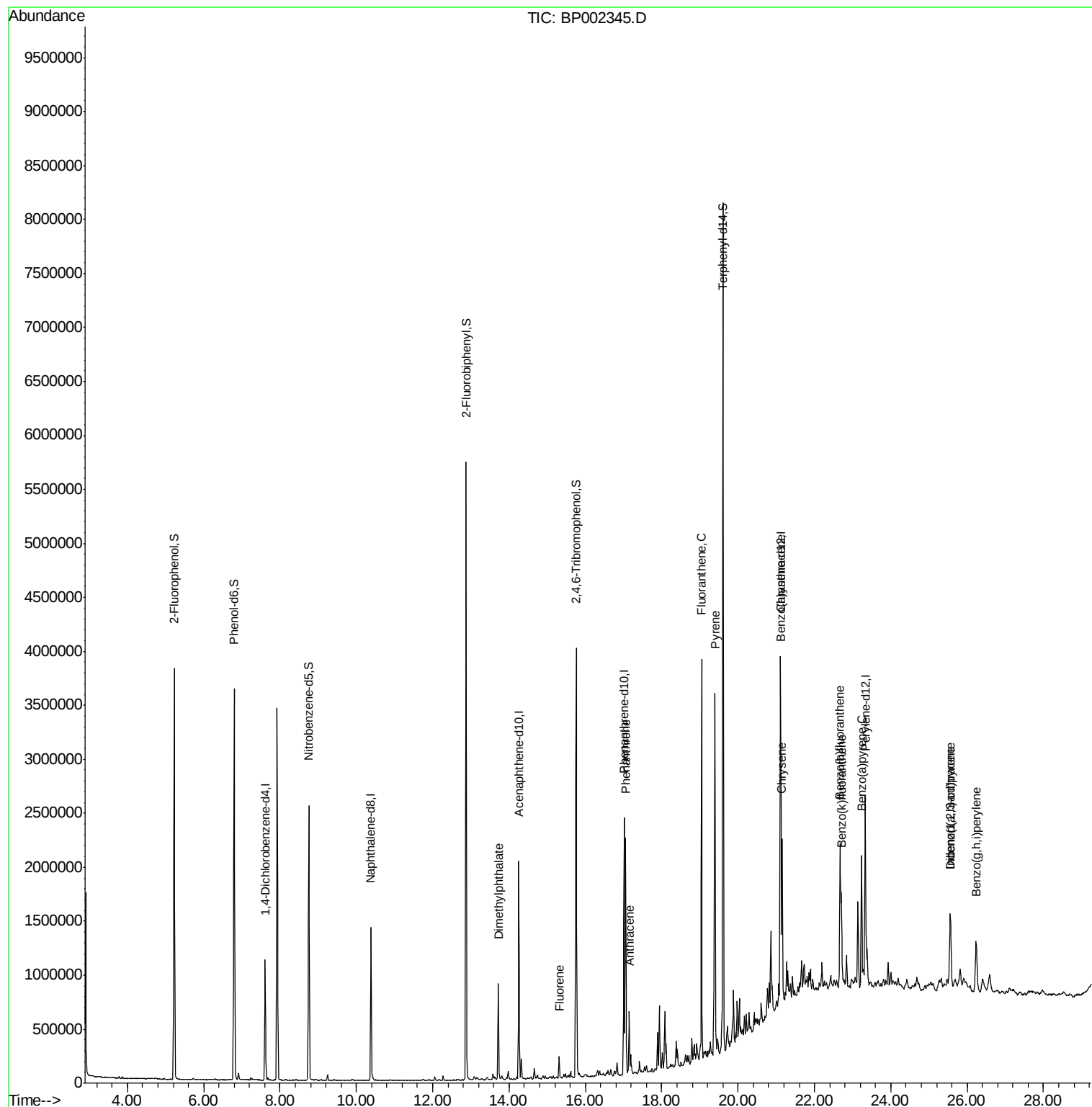
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002345.D
Acq On : 01 Jun 2020 18:34
Operator : CG/JU
Sample : L2798-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

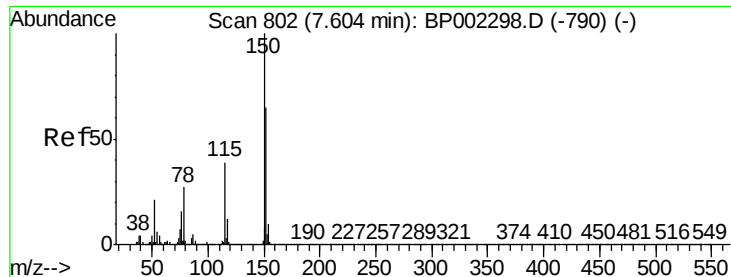
Instrument :
BNA_P
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NM45-COMP-2020-0-6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

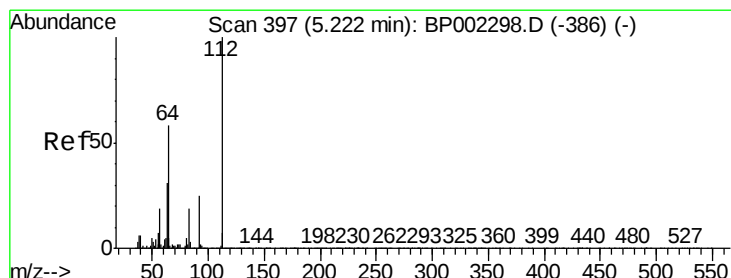
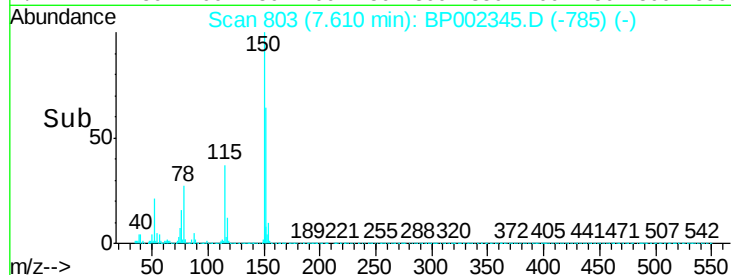
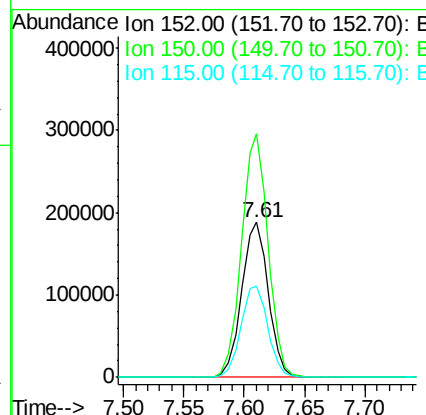
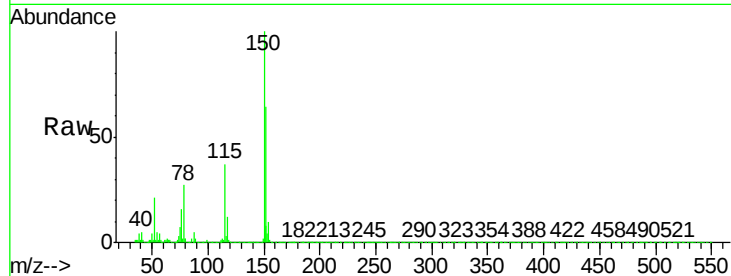
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP002345.D
Acq: 01 Jun 2020 18:34

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.7	187.1
115	58.9	49.4	74.2

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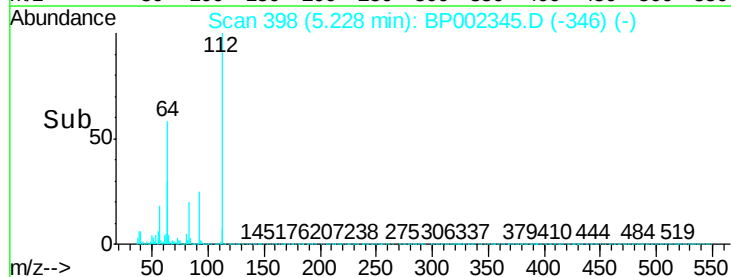
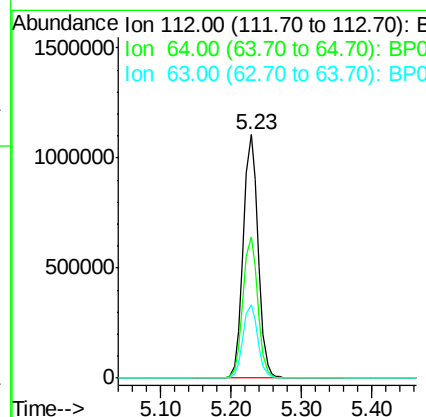
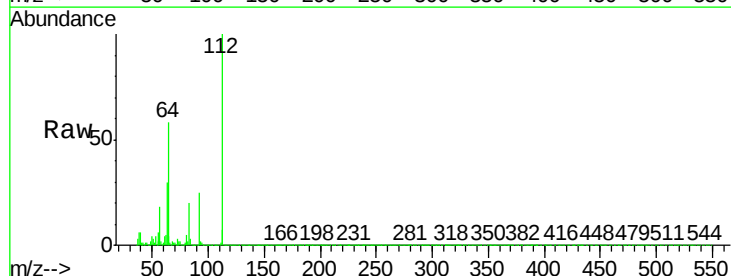
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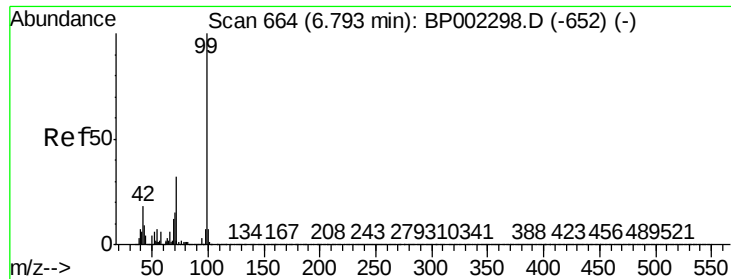


#5

2-Fluorophenol
Concen: 104.738 ng
RT: 5.23 min Scan# 398
Delta R.T. 0.01 min
Lab File: BP002345.D
Acq: 01 Jun 2020 18:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.0	70.4
63	29.9	24.0	36.0





#7

Phenol-d6

Concen: 99.292 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002345.D

Acq: 01 Jun 2020 18:34

Instrument :

BNA_P

ClientSampleId :

NM45-COMP-2020-0-6

Tot Ion: 99 Resp: 2079949

Ion Ratio Lower Upper

99 100

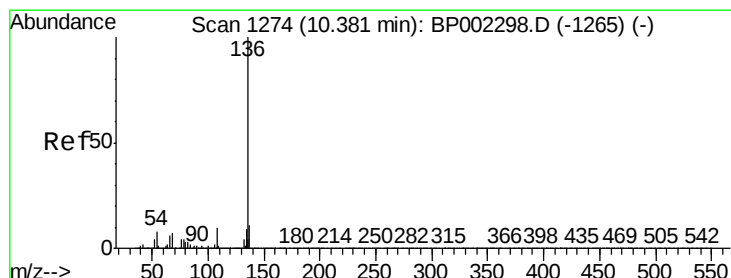
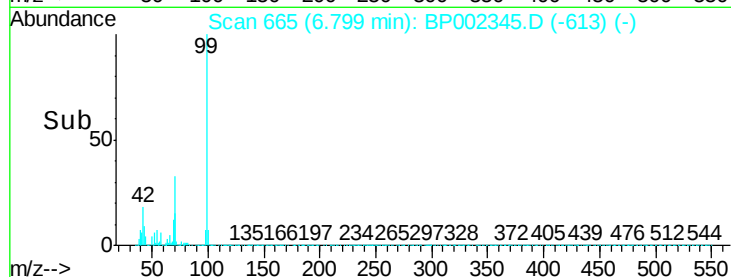
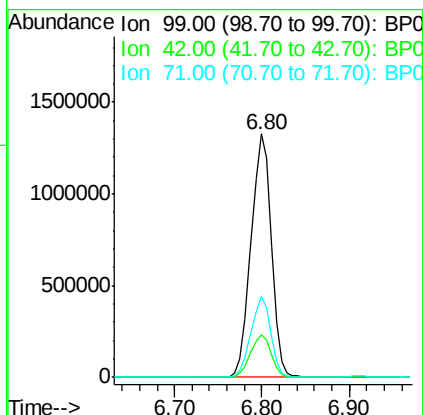
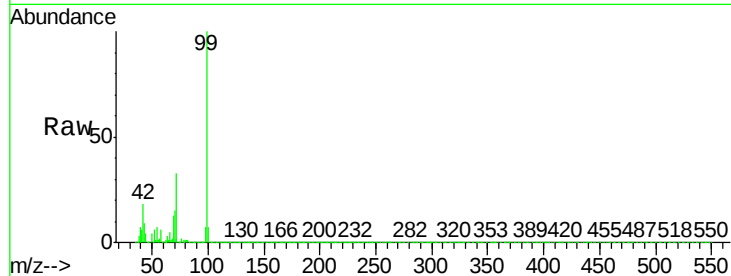
42 17.6 13.9 20.9

71 33.1 25.8 38.8

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BP002345.D

Acq: 01 Jun 2020 18:34

Tgt Ion: 136 Resp: 1167275

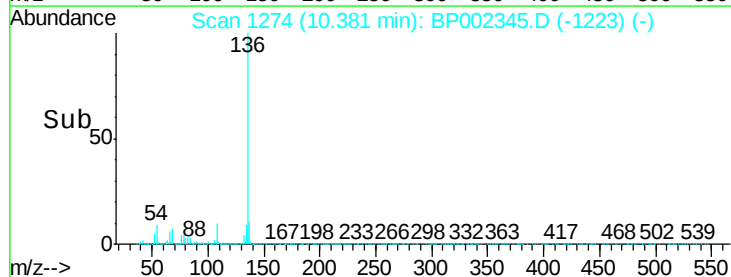
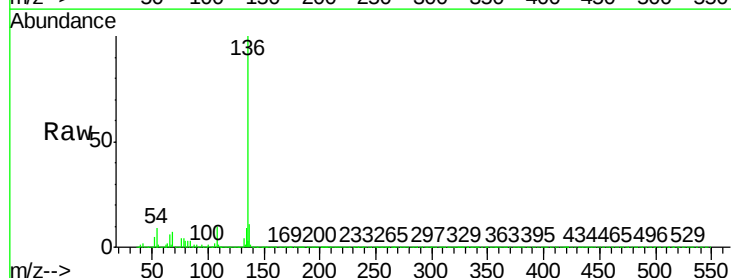
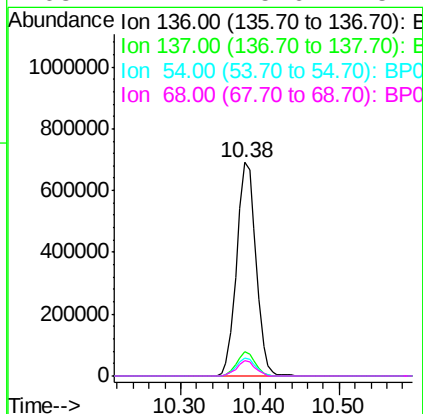
Ion Ratio Lower Upper

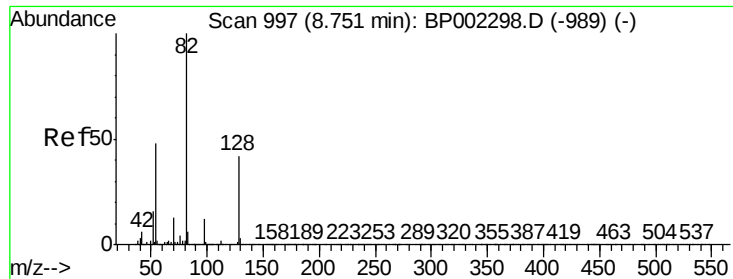
136 100

137 11.2 8.8 13.2

54 8.6 6.9 10.3

68 7.2 5.6 8.4





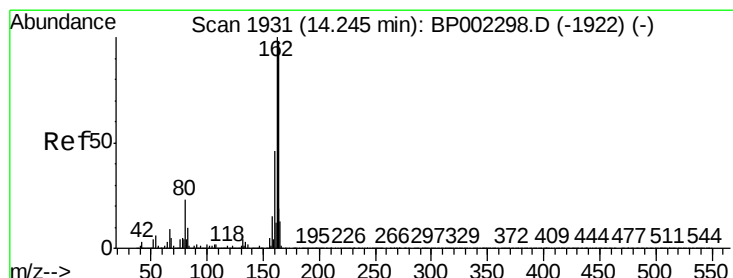
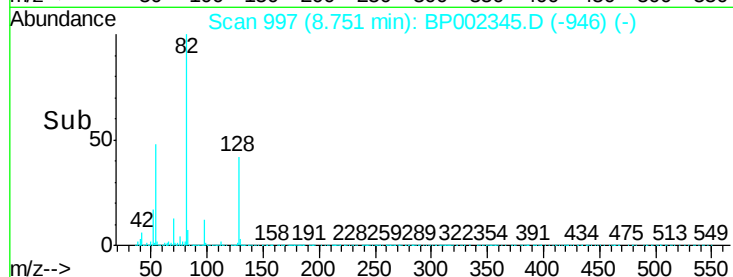
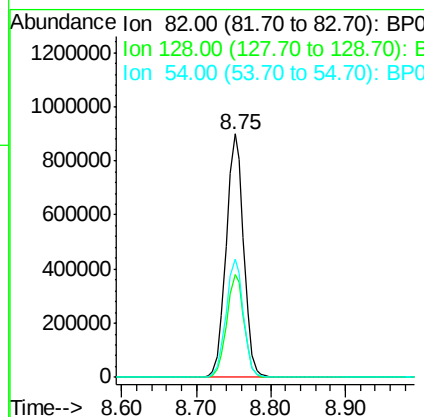
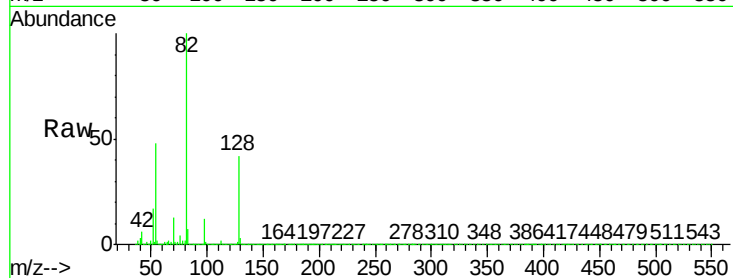
#23
Nitrobenzene-d5
Concen: 75.858 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.00 min
Lab File: BP002345.D
Acq: 01 Jun 2020 18:34

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.4	50.0
54	48.4	38.3	57.5

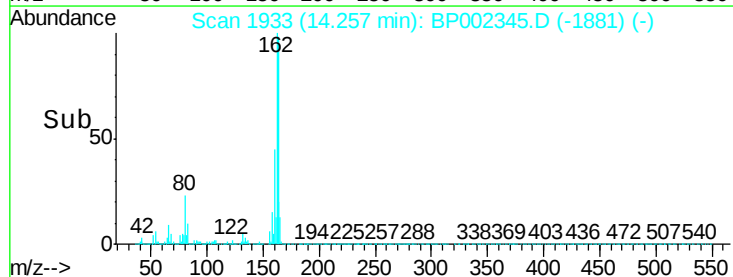
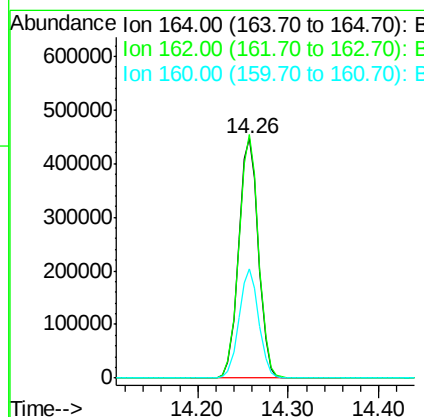
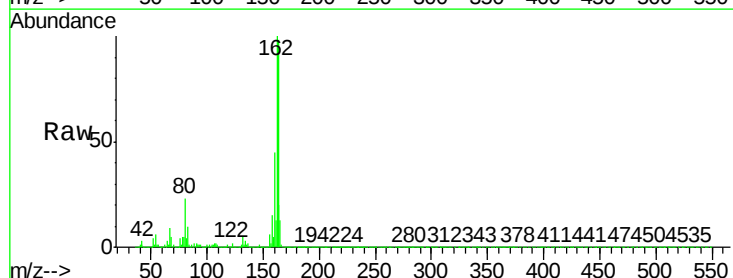
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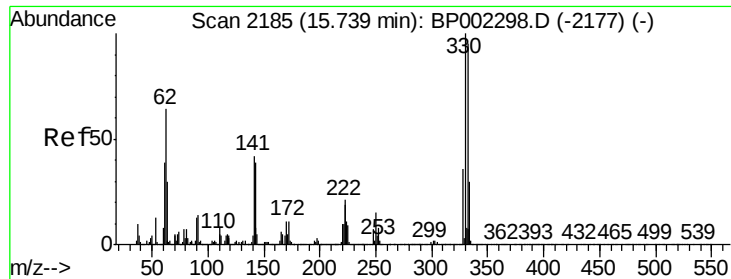
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1933
Delta R.T. 0.01 min
Lab File: BP002345.D
Acq: 01 Jun 2020 18:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	45.6	37.2	55.8





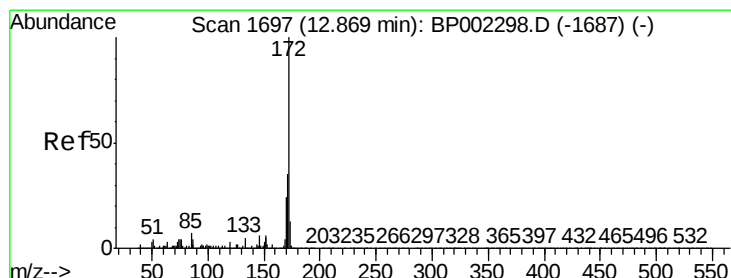
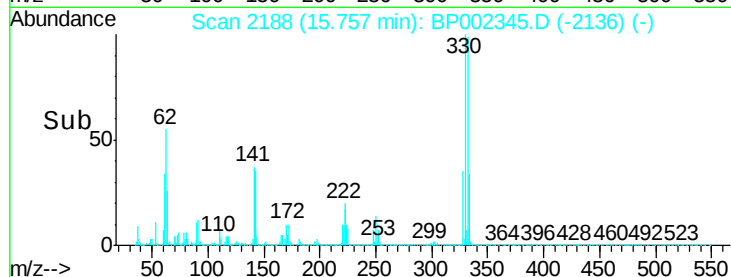
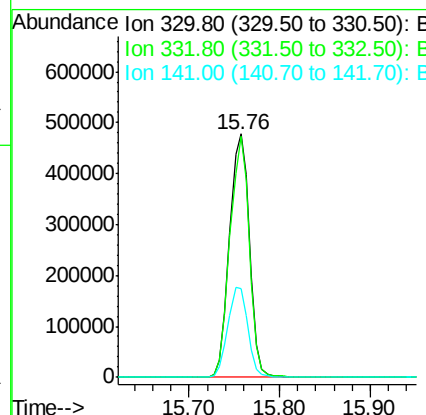
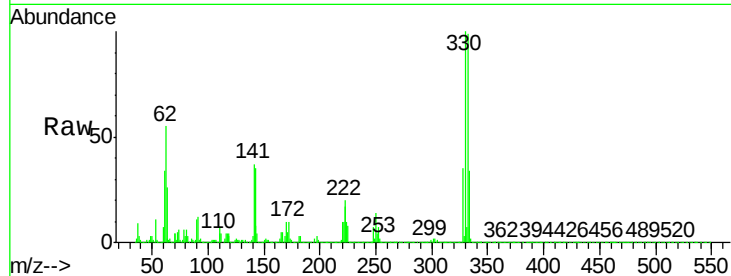
#42
 2,4,6-Tribromophenol
 Concen: 112.901 ng
 RT: 15.76 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: BP002345.D
 Acq: 01 Jun 2020 18:34

Instrument :
 BNA_P
 ClientSampleId :
 NM45-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	36.7	31.4	47.2

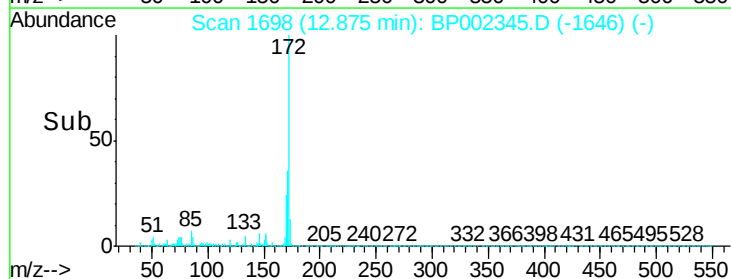
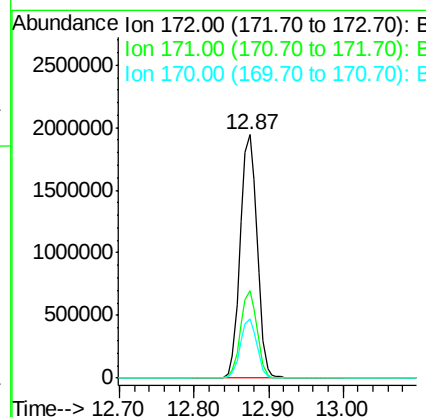
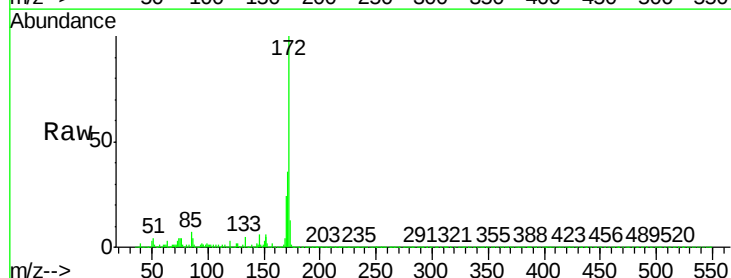
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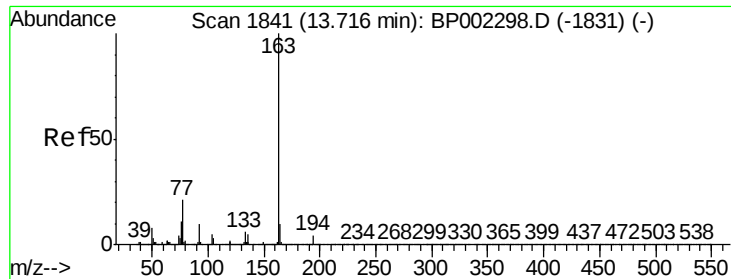
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#45
 2-Fluorobiphenyl
 Concen: 79.416 ng
 RT: 12.87 min Scan# 1698
 Delta R.T. 0.01 min
 Lab File: BP002345.D
 Acq: 01 Jun 2020 18:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.6	41.4
170	24.2	18.9	28.3





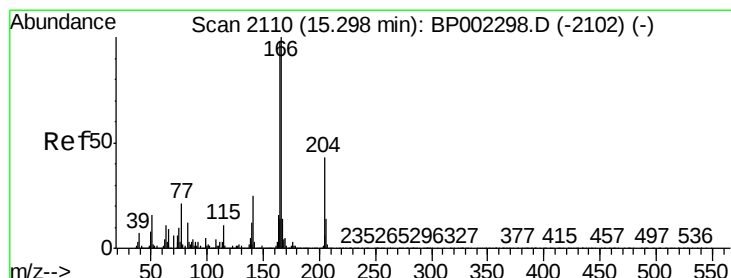
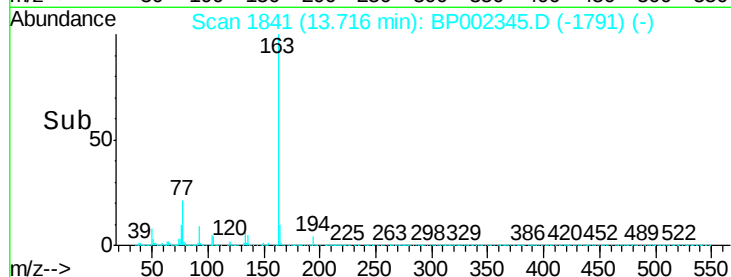
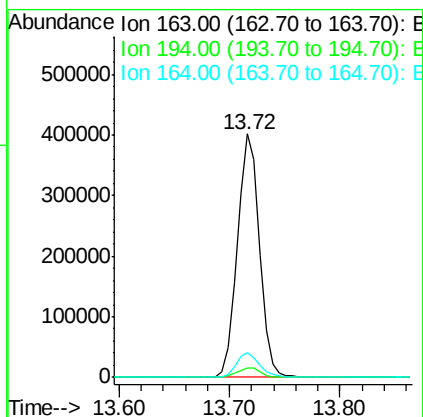
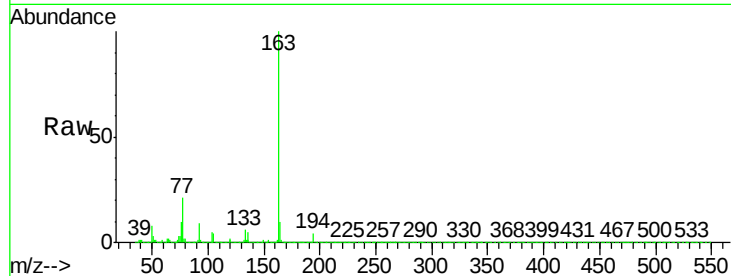
#50
Dimethylphthalate
Concen: 12.240 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002345.D
Acq: 01 Jun 2020 18:34

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	8.1	12.1

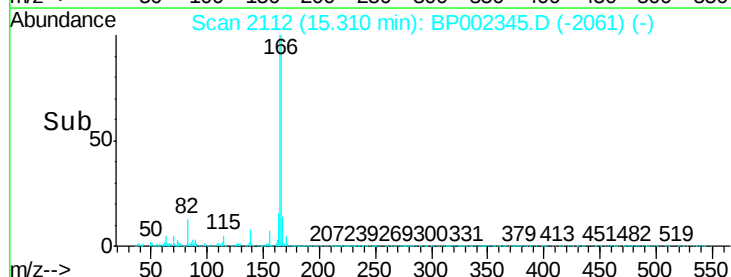
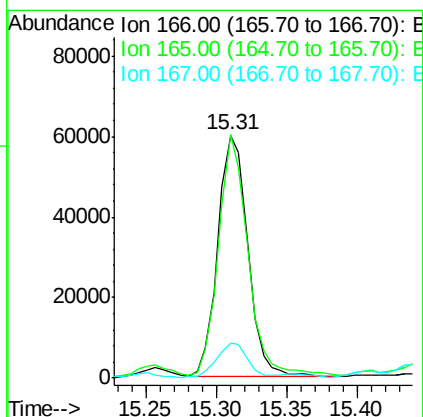
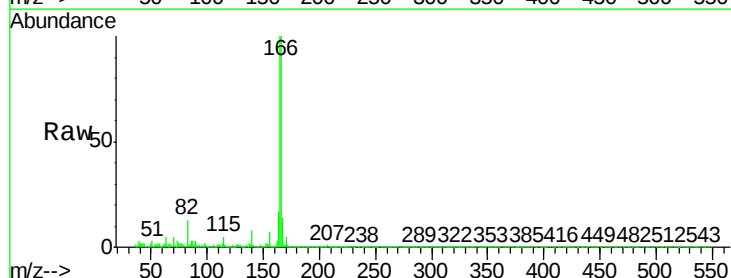
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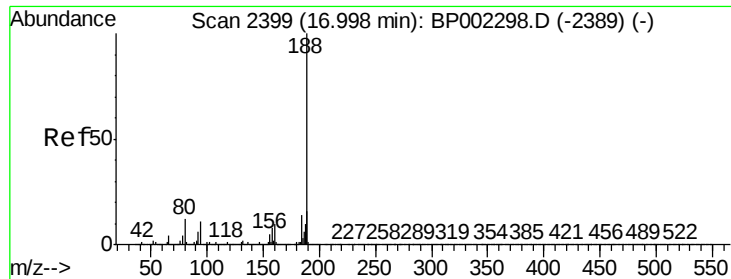
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#58
Fluorene
Concen: 2.155 ng
RT: 15.31 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BP002345.D
Acq: 01 Jun 2020 18:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	75.8	113.8
167	14.3	10.6	16.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.02 min Scan# 2402

Delta R.T. 0.01 min

Lab File: BP002345.D

Acq: 01 Jun 2020 18:34

Instrument :

BNA_P

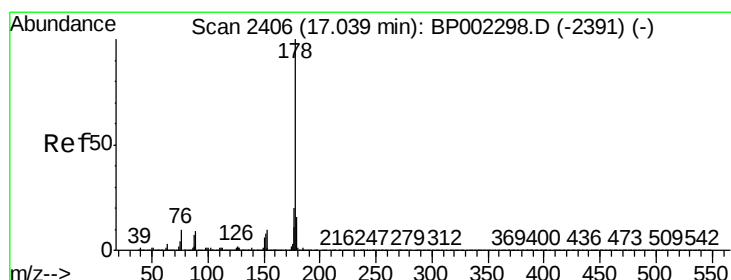
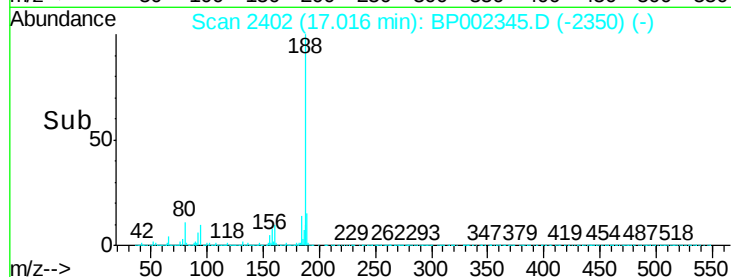
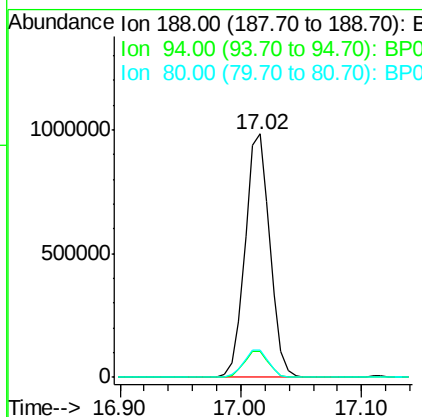
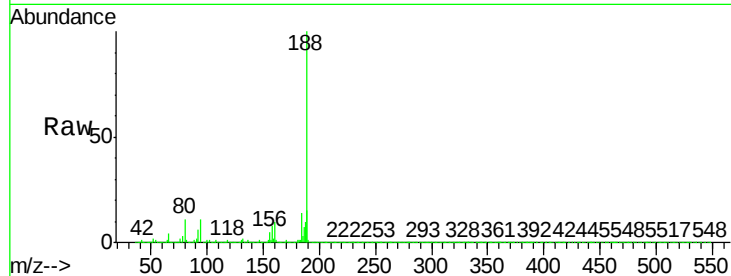
ClientSampleId :

NM45-COMP-2020-0-6

Tot Ion:188	Resp: 1406233
Ion Ratio	Lower Upper
188 100	
94 10.5	8.7 13.1
80 11.0	9.3 13.9

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#71

Phenanthrene

Concen: 19.684 ng

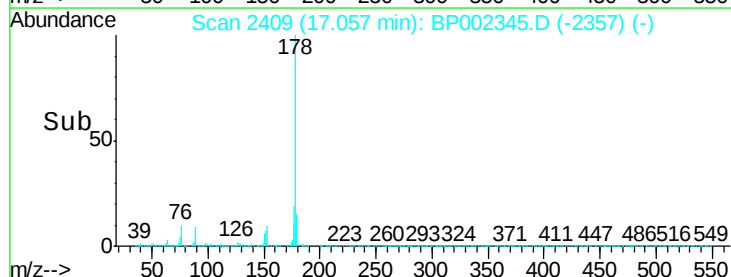
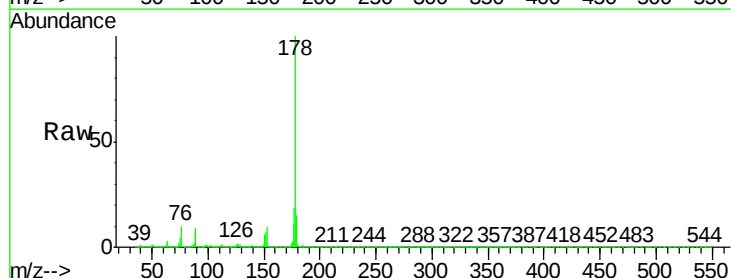
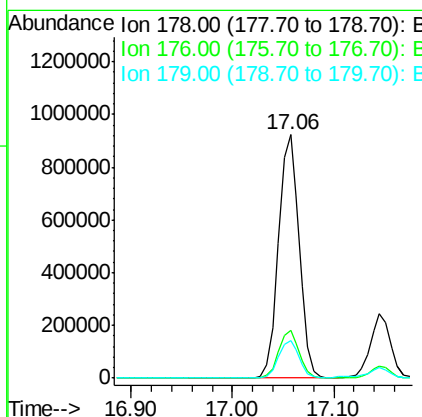
RT: 17.06 min Scan# 2409

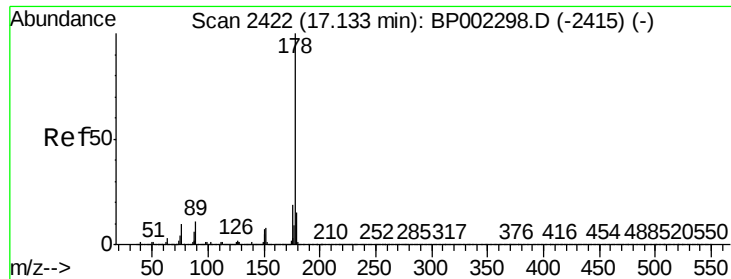
Delta R.T. 0.01 min

Lab File: BP002345.D

Acq: 01 Jun 2020 18:34

Tgt Ion:178	Resp: 1311150
Ion Ratio	Lower Upper
178 100	
176 19.4	15.8 23.8
179 15.2	12.6 18.8





#72

Anthracene

Concen: 5.002 ng

RT: 17.15 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BP002345.D

Acq: 01 Jun 2020 18:34

Instrument :

BNA_P

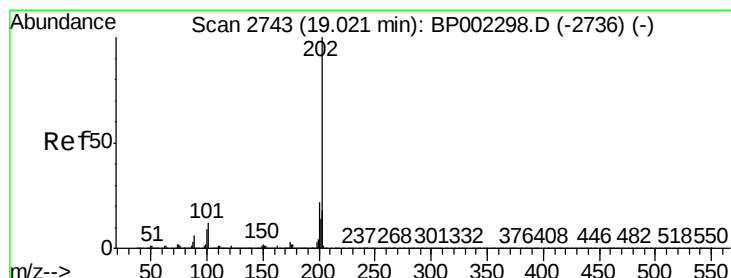
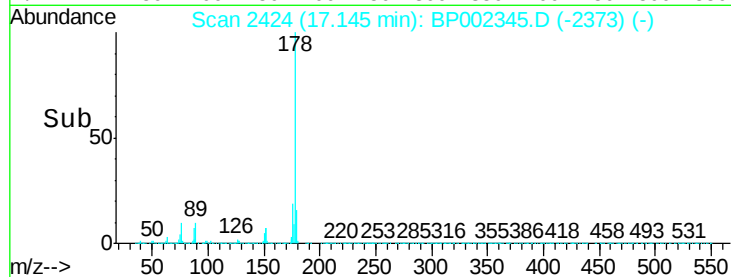
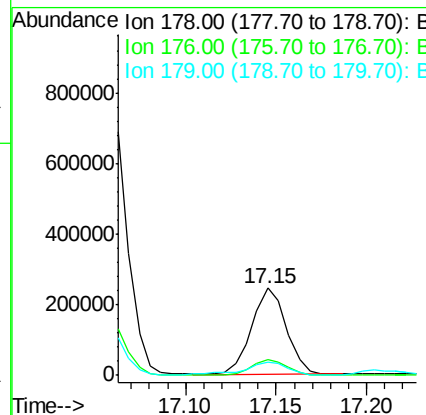
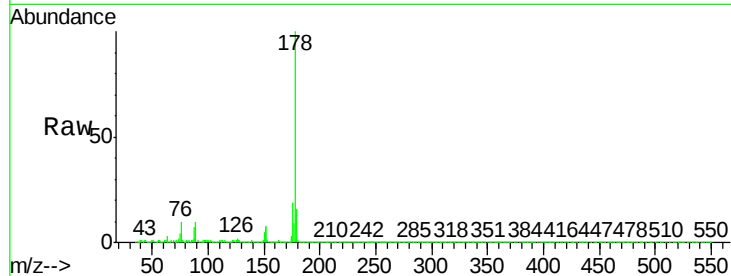
ClientSampleId :

NM45-COMP-2020-0-6

Tot Ion:	178	Resp:	327849
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.2	22.8
179	15.6	12.6	19.0

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#75

Fluoranthene

Concen: 27.627 ng

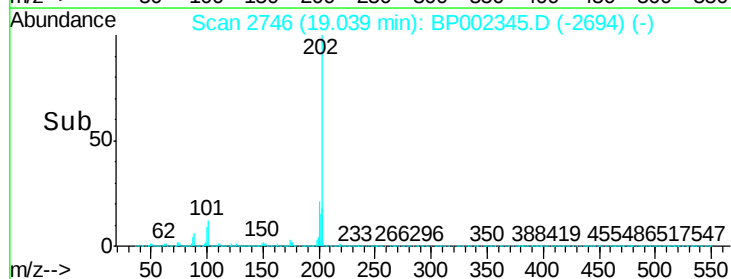
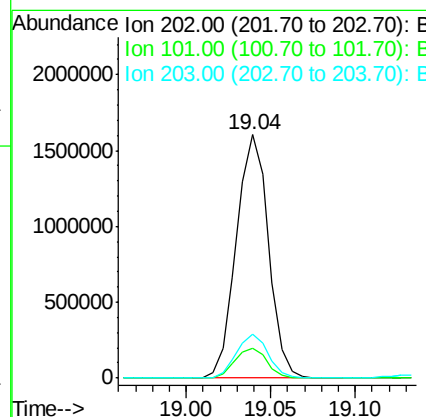
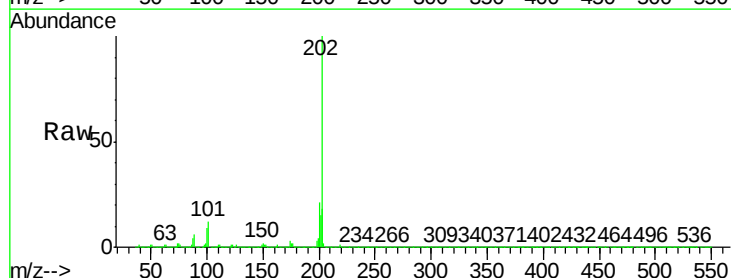
RT: 19.04 min Scan# 2746

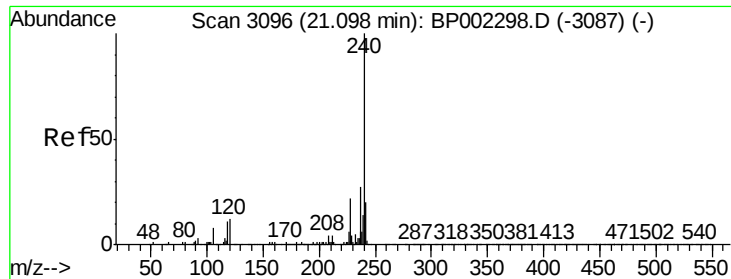
Delta R.T. 0.01 min

Lab File: BP002345.D

Acq: 01 Jun 2020 18:34

Tgt Ion:	202	Resp:	2119570
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	32.1
203	17.9	0.0	37.6





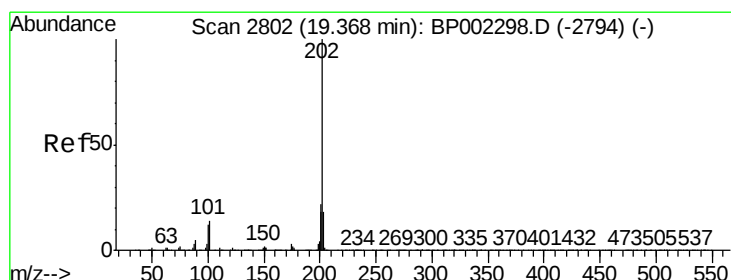
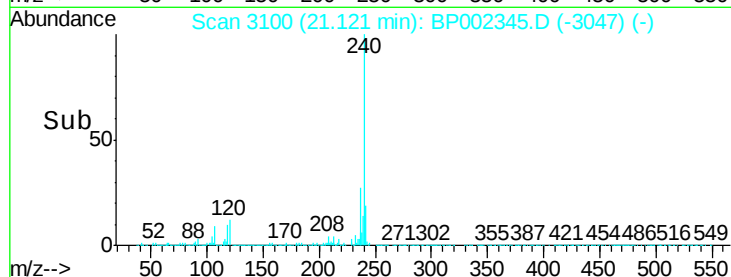
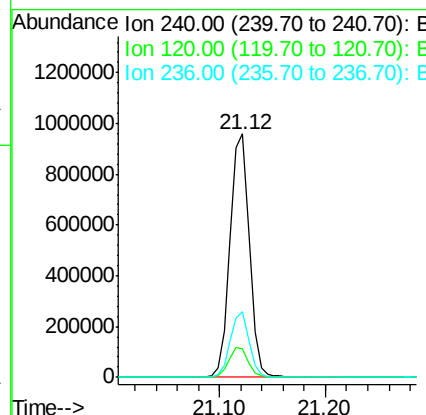
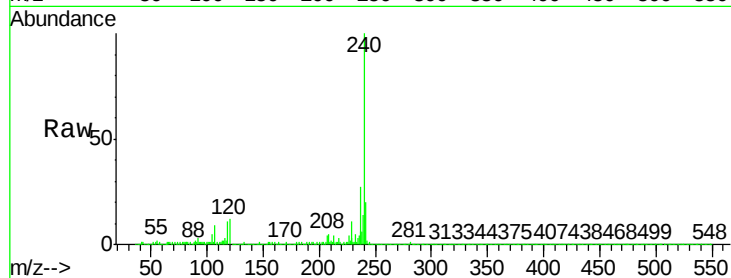
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.12 min Scan# 3100
Delta R.T. 0.01 min
Lab File: BP002345.D
Acq: 01 Jun 2020 18:34

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6

Tot Ion:240 Resp: 1206532
Ion Ratio Lower Upper
240 100
120 11.8 8.7 13.1
236 27.1 21.0 31.4

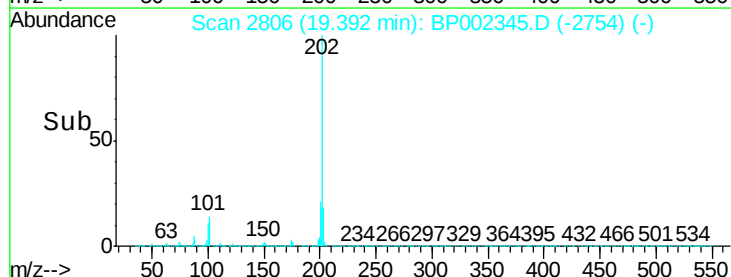
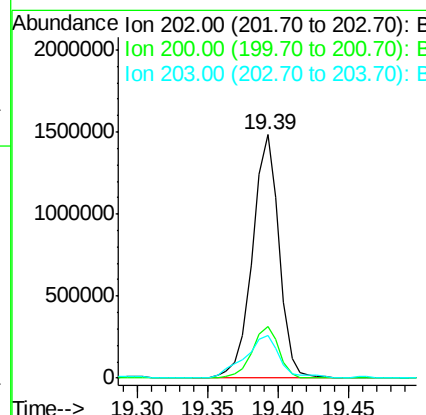
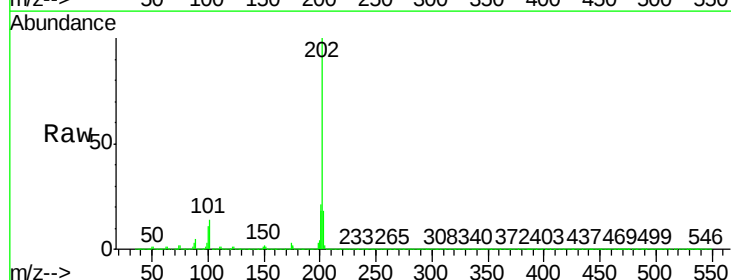
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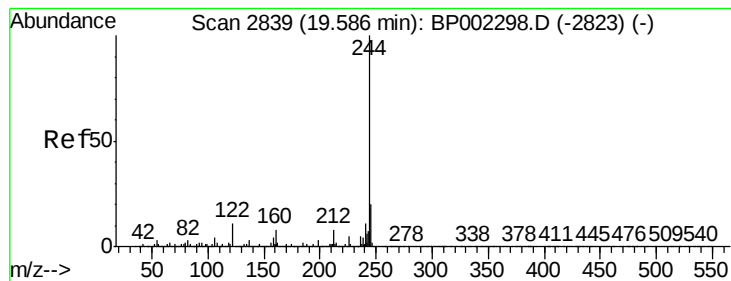
mohammad
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#78
Pyrene
Concen: 26.170 ng
RT: 19.39 min Scan# 2806
Delta R.T. 0.01 min
Lab File: BP002345.D
Acq: 01 Jun 2020 18:34

Tgt Ion:202 Resp: 1966142
Ion Ratio Lower Upper
202 100
200 21.2 17.3 25.9
203 17.7 13.8 20.6





#79

Terphenyl-d14

Concen: 76.933 ng

RT: 19.60 min Scan# 2842

Delta R.T. 0.01 min

Lab File: BP002345.D

Acq: 01 Jun 2020 18:34

Instrument :

BNA_P

ClientSampleId :

NM45-COMP-2020-0-6

Tot Ion:244 Resp: 3832924

Ion Ratio Lower Upper

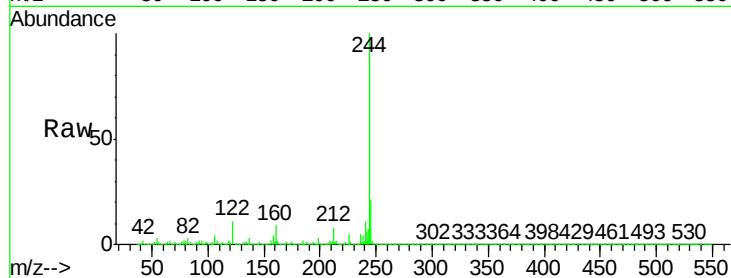
244 100

212 8.2 6.4 9.6

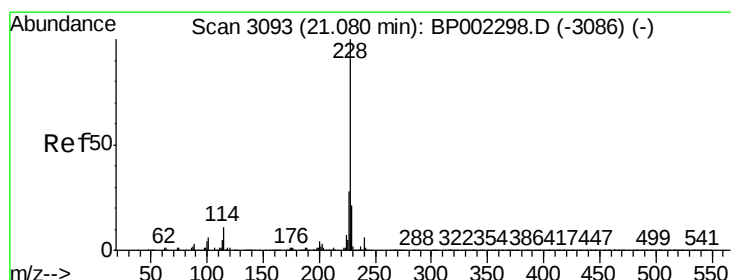
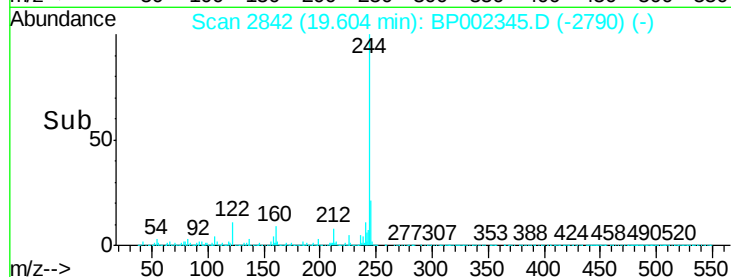
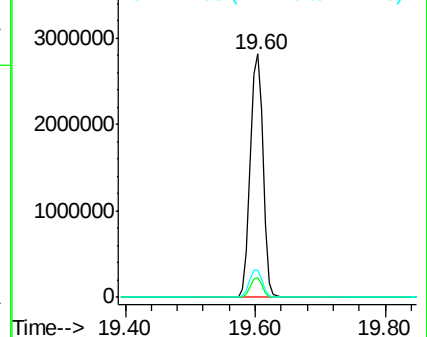
122 11.3 9.4 14.0

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 14.217 ng

RT: 21.10 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BP002345.D

Acq: 01 Jun 2020 18:34

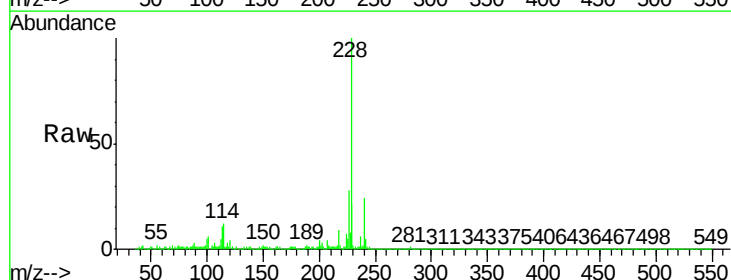
Tgt Ion:228 Resp: 981929

Ion Ratio Lower Upper

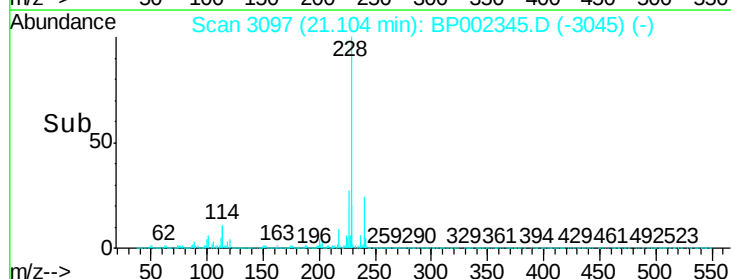
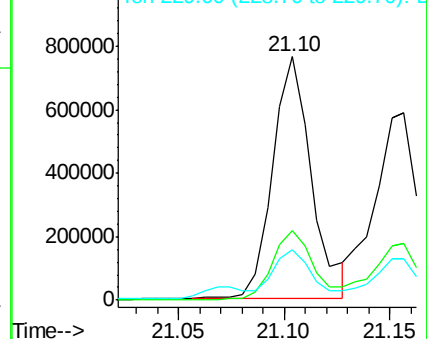
228 100

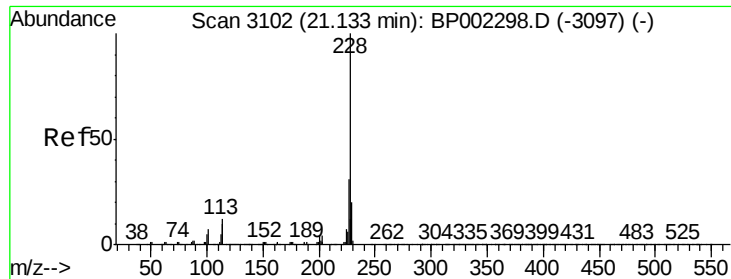
226 28.4 22.7 34.1

229 20.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





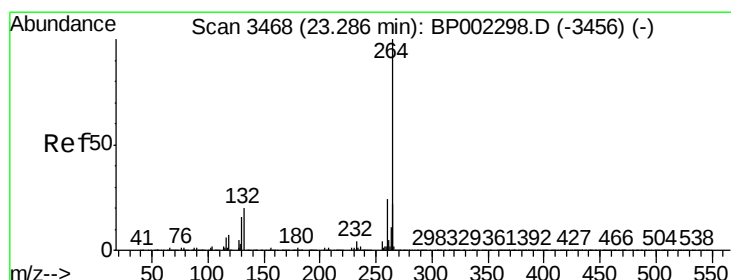
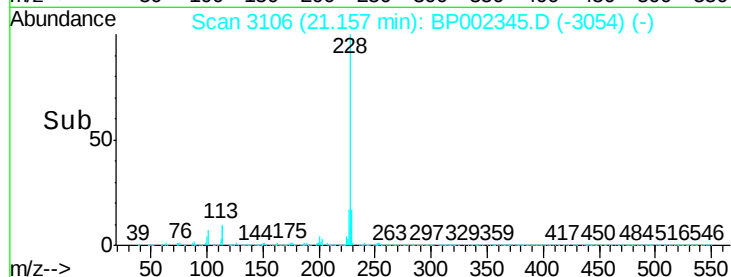
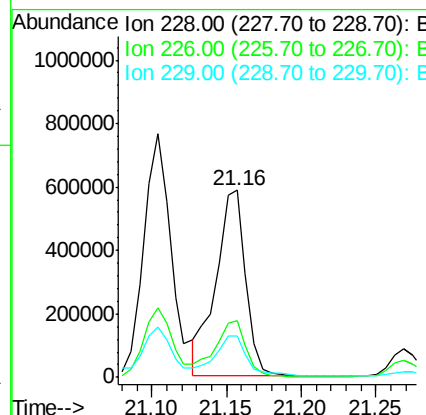
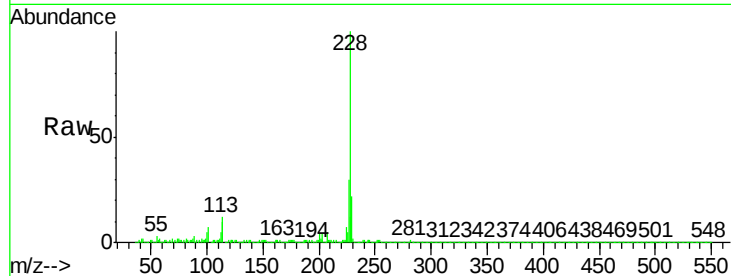
#83
Chrysene
Concen: 12.451 ng
RT: 21.16 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BP002345.D
Acq: 01 Jun 2020 18:34

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6

Tot Ion:	228	Resp:	825311
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.0	37.6
229	22.0	16.2	24.4

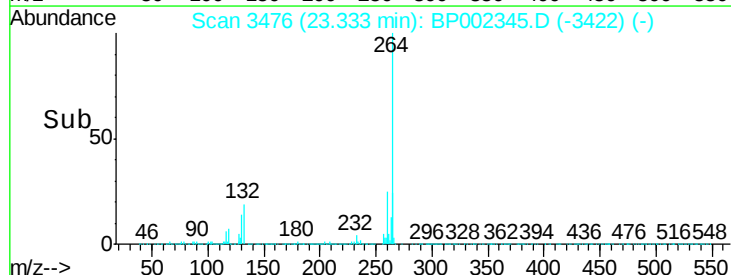
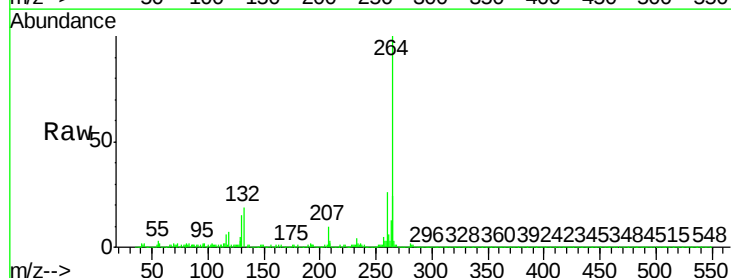
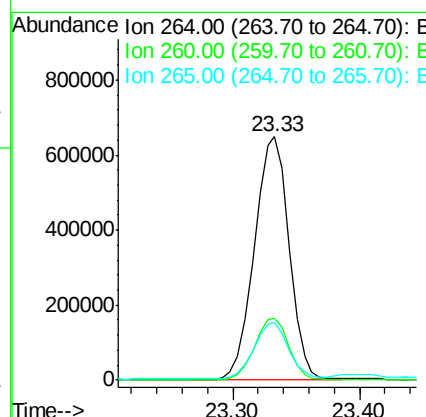
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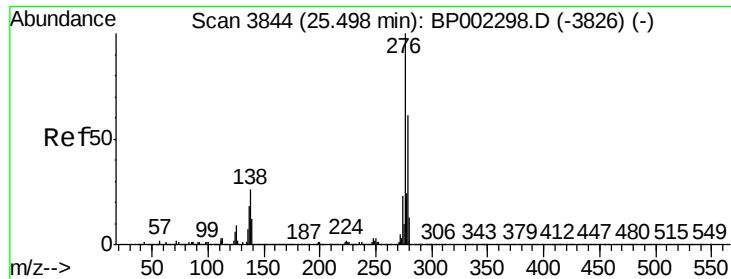
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3476
Delta R.T. 0.02 min
Lab File: BP002345.D
Acq: 01 Jun 2020 18:34

Tgt Ion:	264	Resp:	1231714
Ion Ratio	Lower	Upper	
264	100		
260	25.6	19.4	29.2
265	24.0	17.8	26.6





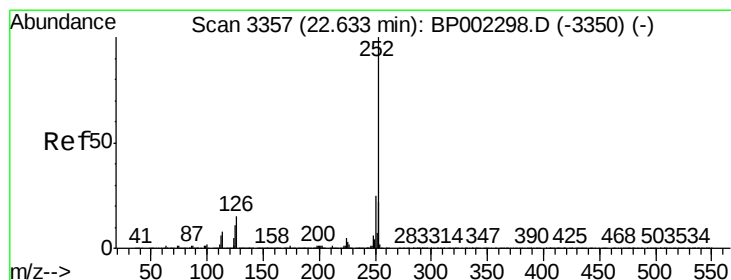
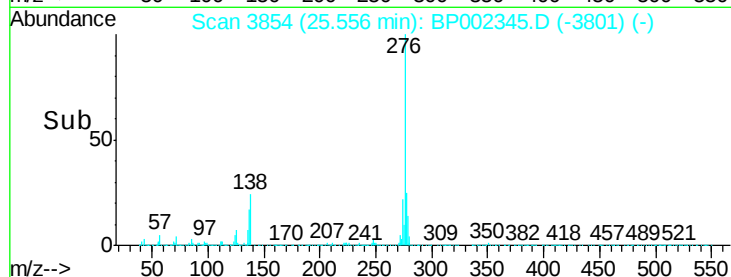
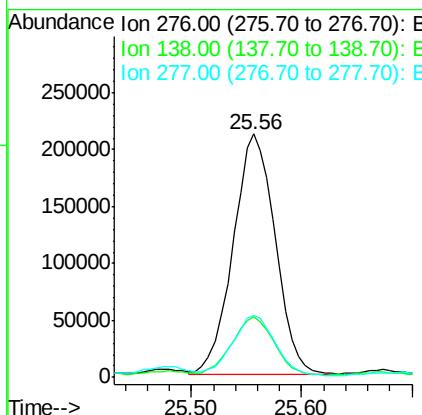
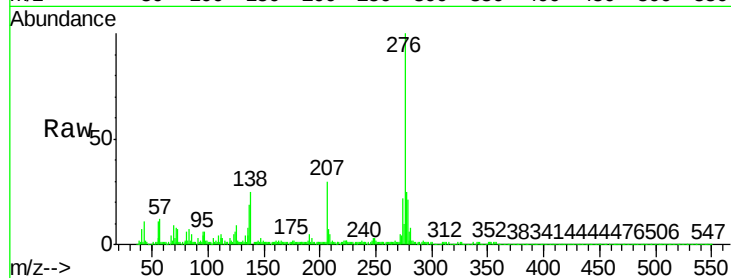
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.402 ng
RT: 25.56 min Scan# 3854
Delta R.T. 0.01 min
Lab File: BP002345.D
Acq: 01 Jun 2020 18:34

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	18.2	27.4
277	25.1	20.2	30.2

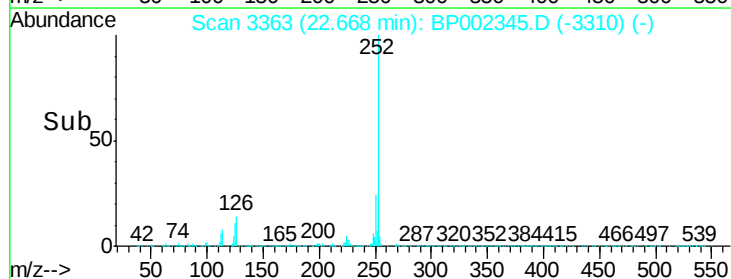
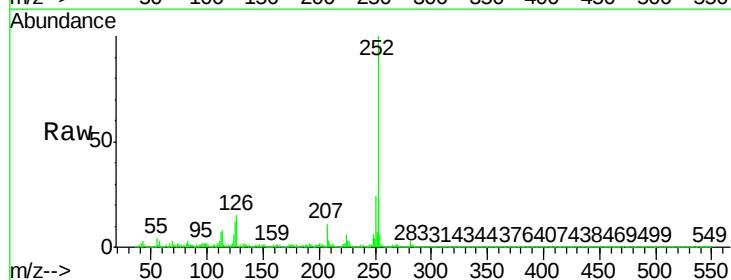
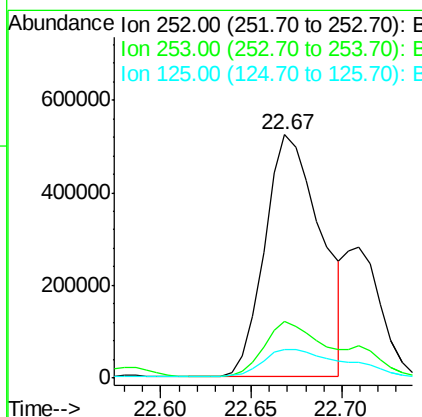
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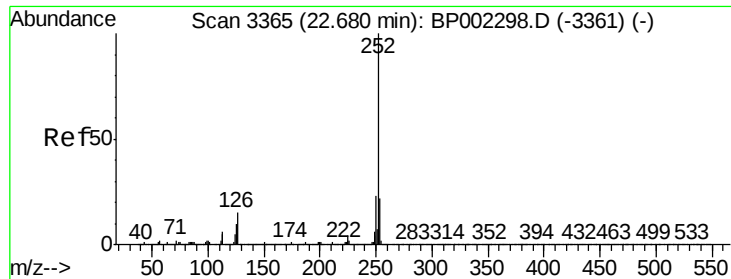
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#88
Benzo(b)fluoranthene
Concen: 16.847 ng
RT: 22.67 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BP002345.D
Acq: 01 Jun 2020 18:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	11.8	7.2	10.8





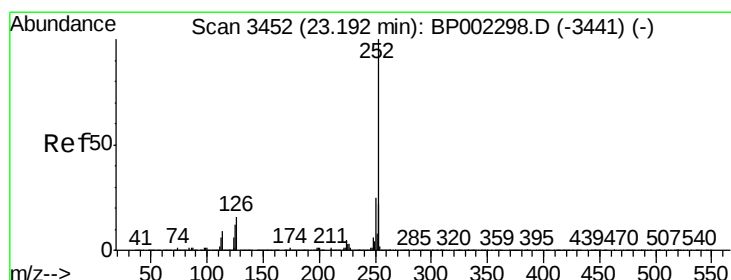
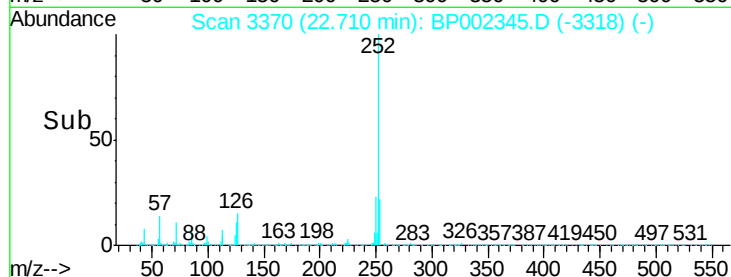
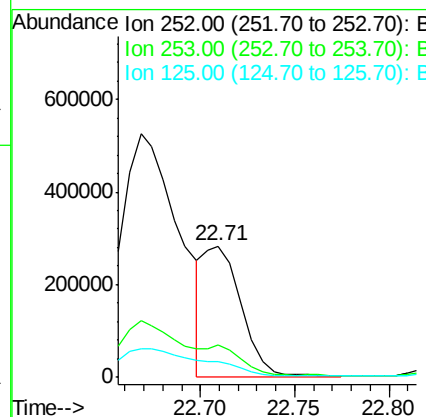
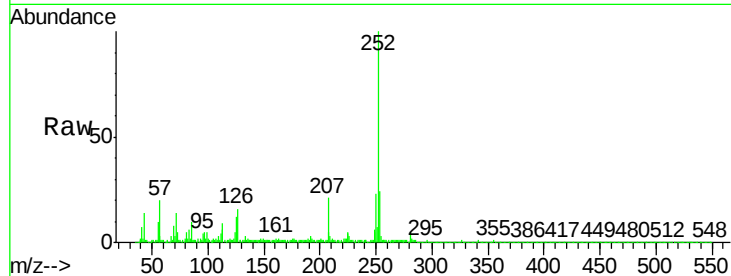
#89
Benzo(k)fluoranthene
Concen: 6.131 ng m
RT: 22.71 min Scan# 3370
Delta R.T. 0.01 min
Lab File: BP002345.D
Acq: 01 Jun 2020 18:34

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	12.4	7.4	11.2

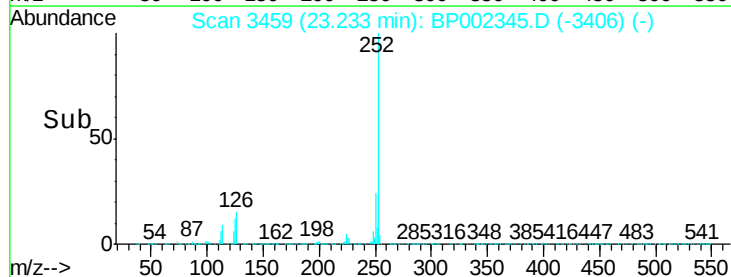
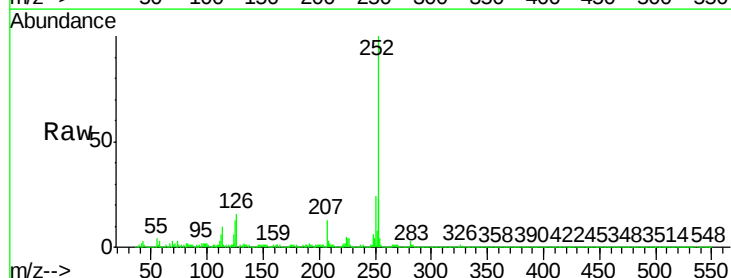
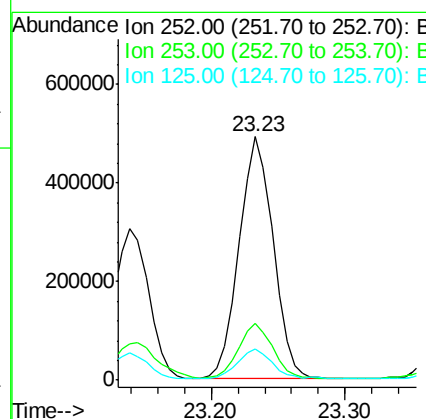
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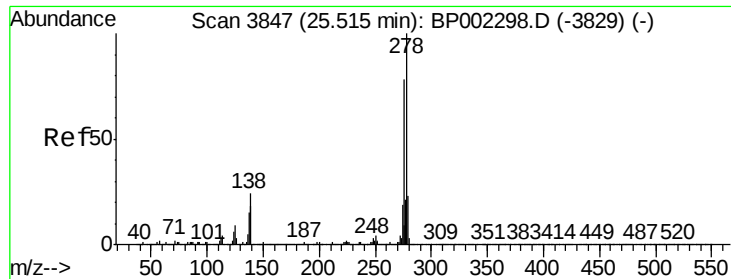
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#90
Benzo(a)pyrene
Concen: 13.949 ng
RT: 23.23 min Scan# 3459
Delta R.T. 0.01 min
Lab File: BP002345.D
Acq: 01 Jun 2020 18:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	12.6	8.4	12.6





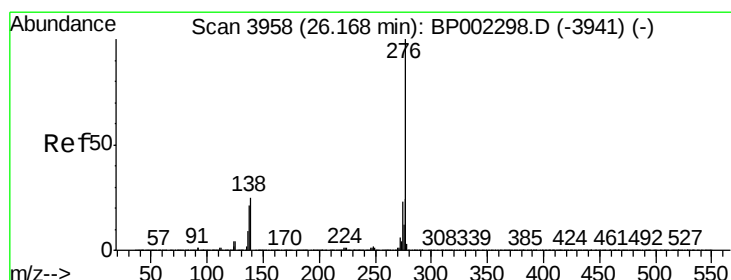
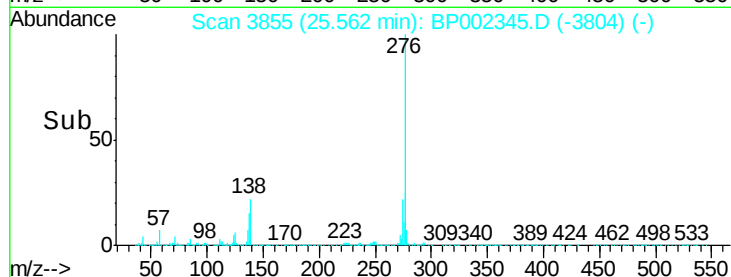
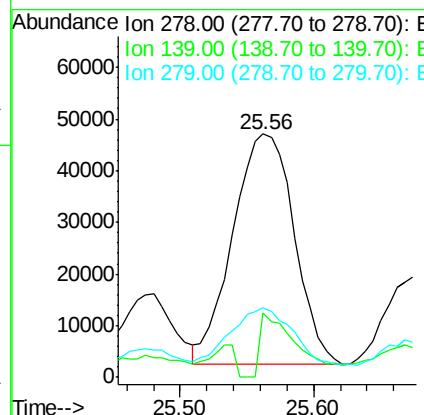
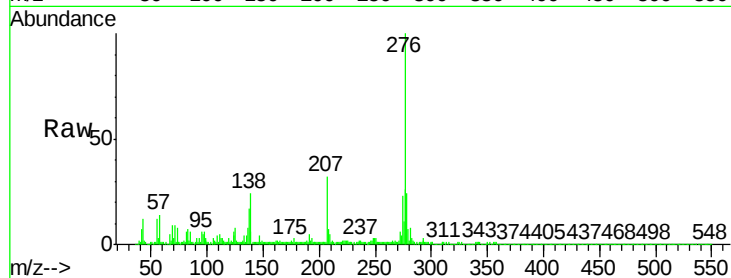
#91
Dibenzo(a,h)anthracene
Concen: 2.279 ng
RT: 25.56 min Scan# 3855
Delta R.T. -0.00 min
Lab File: BP002345.D
Acq: 01 Jun 2020 18:34

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.3	11.3	16.9#
279	28.4	18.9	28.3#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 8.754 ng
RT: 26.23 min Scan# 3969
Delta R.T. 0.02 min
Lab File: BP002345.D
Acq: 01 Jun 2020 18:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.6	28.0
138	25.3	16.0	24.0#

