

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
 Data File : BP002338.D
 Acq On : 01 Jun 2020 14:36
 Operator : CG/JU
 Sample : L2773-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM91-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 01 15:20:36 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	392730	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1599145	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	948584	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	2004528	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1721883	20.00	ng	0.00
86) Perylene-d12	23.33	264	1825040	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1810801	86.60	ng	0.00
7) Phenol-d6	6.80	99	2509638	88.23	ng	0.00
23) Nitrobenzene-d5	8.75	82	1687095	63.43	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	835918	92.98	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3443700	64.06	ng	0.00
79) Terphenyl-d14	19.60	244	4263757	59.97	ng	0.00
Target Compounds						
32) Benzoic acid	9.65	122	3143	4.989	ng	87
50) Dimethylphthalate	13.72	163	449052	6.994	ng	99
71) Phenanthrene	17.05	178	828261	8.723	ng	98
72) Anthracene	17.14	178	228995	2.451	ng	98
75) Fluoranthene	19.04	202	1630160	14.906	ng	100
78) Pyrene	19.39	202	1485686	13.856	ng	98
81) Benzo(a)anthracene	21.10	228	749373	7.603	ng	99
83) Chrysene	21.15	228	690539	7.300	ng	98
87) Indeno(1,2,3-cd)pyrene	25.54	276	481960	4.266	ng	98
88) Benzo(b)fluoranthene	22.66	252	1015827m	10.209	ng	
89) Benzo(k)fluoranthene	22.70	252	253047m	2.650	ng	
90) Benzo(a)pyrene	23.23	252	708324	7.674	ng	97
92) Benzo(a,h,i)perylene	26.23	276	499702	5.319	ng	# 92

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

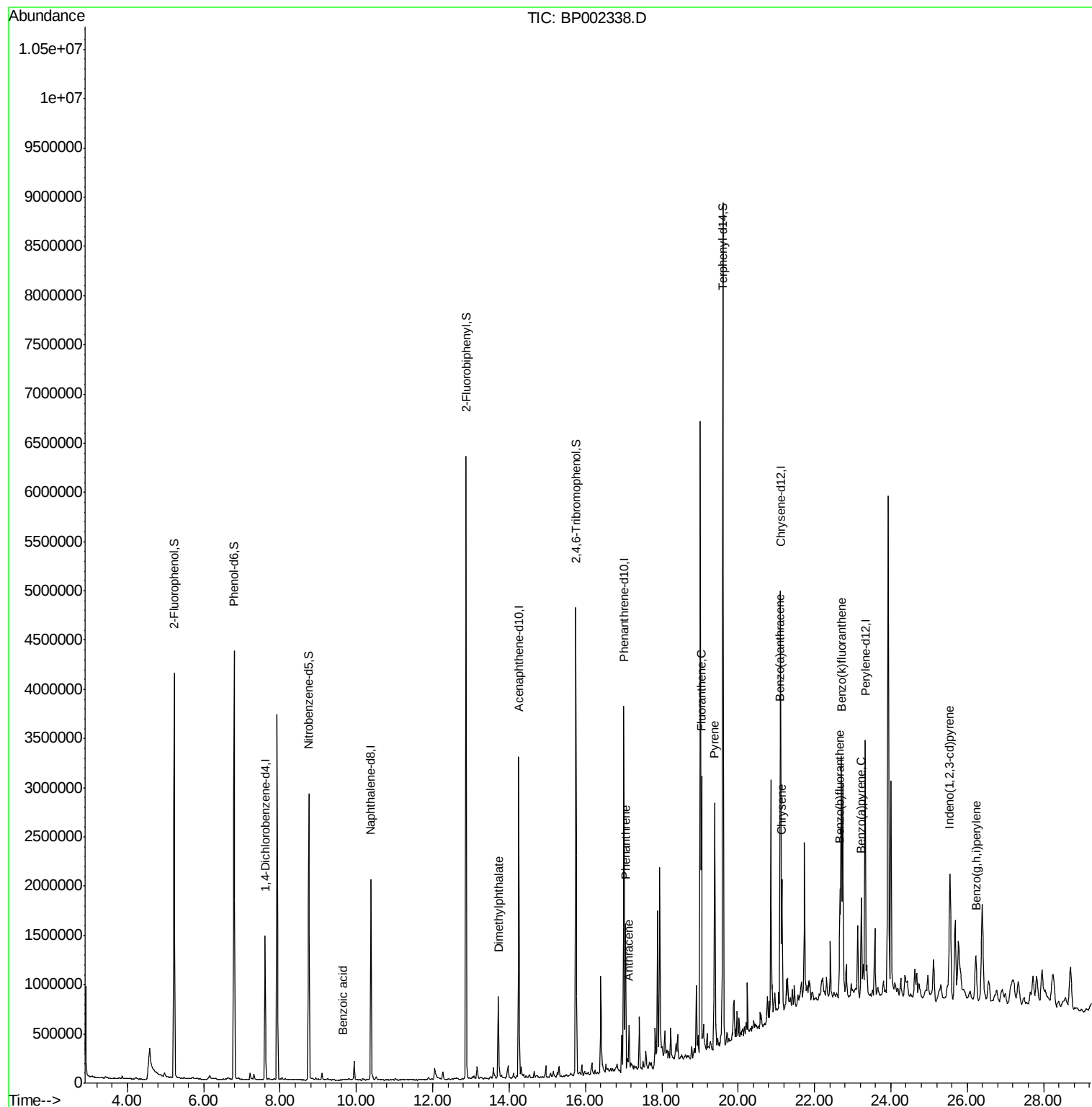
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002338.D
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ALS Vial : 8 Sample Multiplier: 1

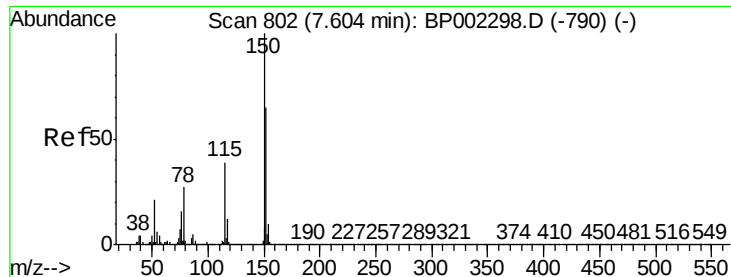
Instrument :
BNA_P
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NM91-COMP-2020-0-6

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





#1

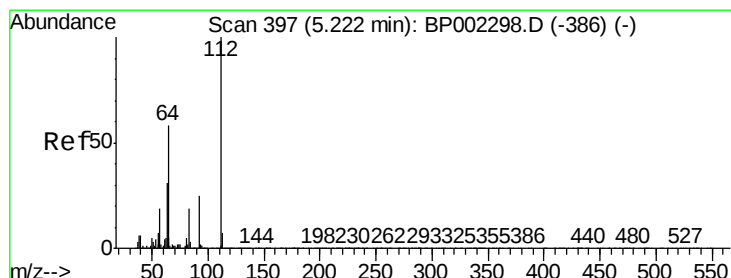
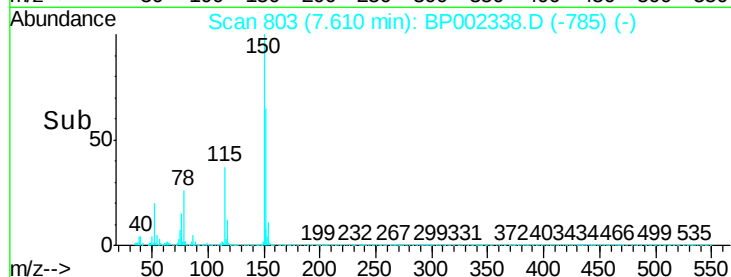
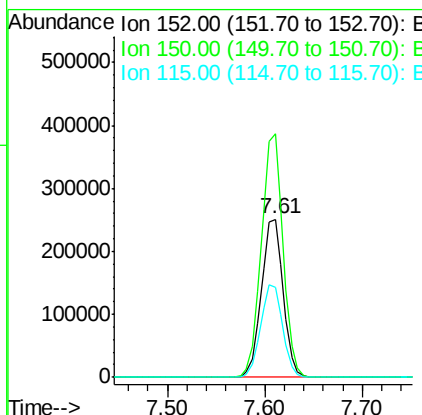
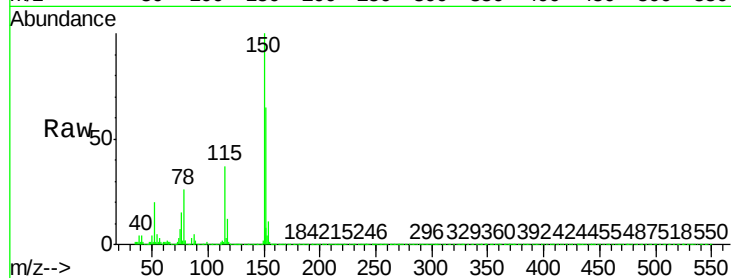
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP002338.D
Acq: 01 Jun 2020 14:36

Instrument :
BNA_P
ClientSampleId :
NM91-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.7	187.1
115	57.4	49.4	74.2

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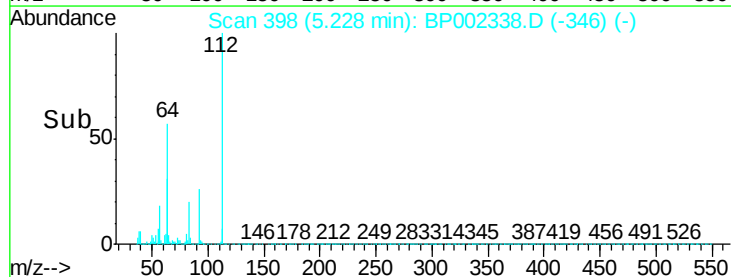
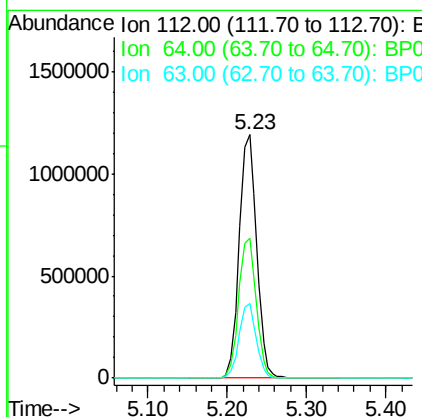
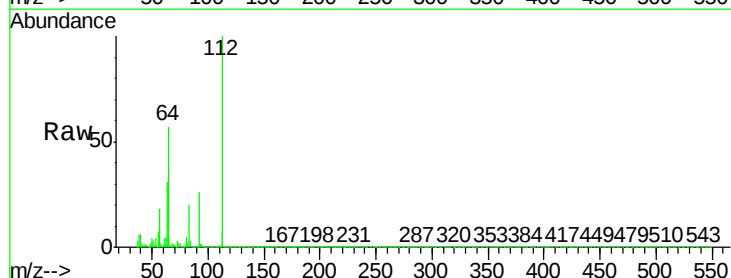
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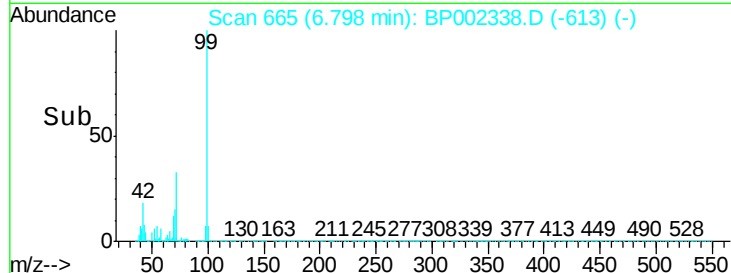
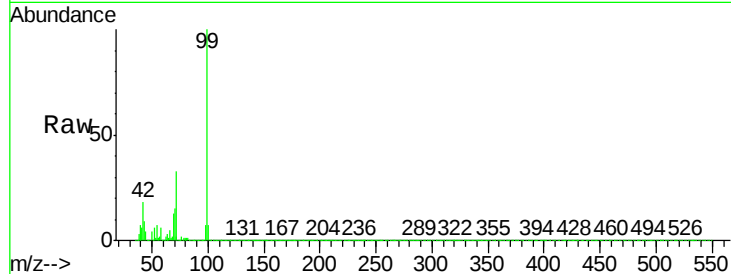
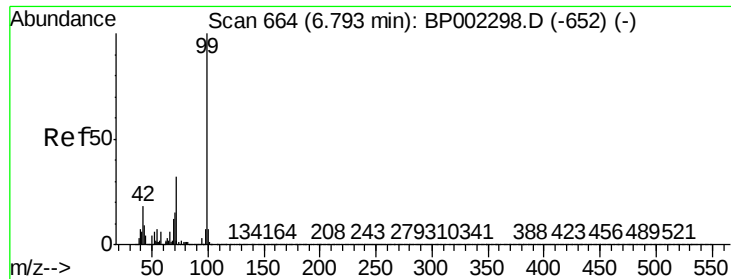


#5

2-Fluorophenol
Concen: 86.597 ng
RT: 5.23 min Scan# 398
Delta R.T. 0.01 min
Lab File: BP002338.D
Acq: 01 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.0	70.4
63	30.5	24.0	36.0





#7

Phenol-d6

Concen: 88.227 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002338.D

Acq: 01 Jun 2020 14:36

Tot Ion: 99 Resp: 2509638

Ion Ratio Lower Upper

99 100

42 17.8 13.9 20.9

71 33.1 25.8 38.8

Instrument :

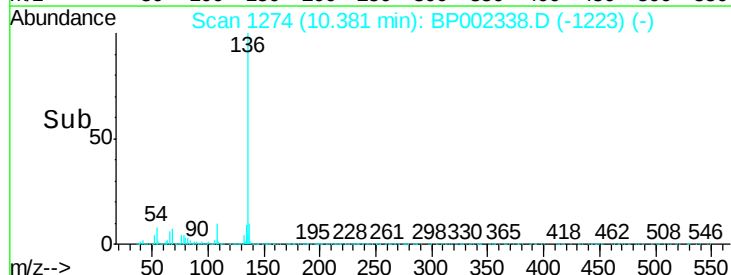
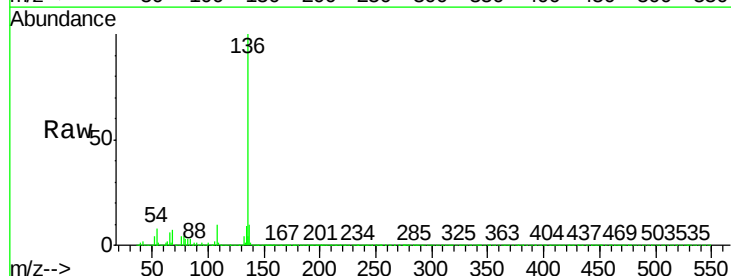
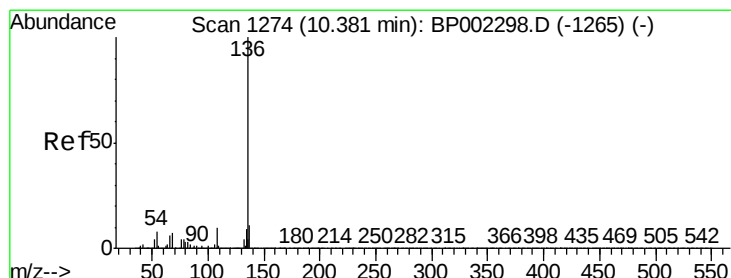
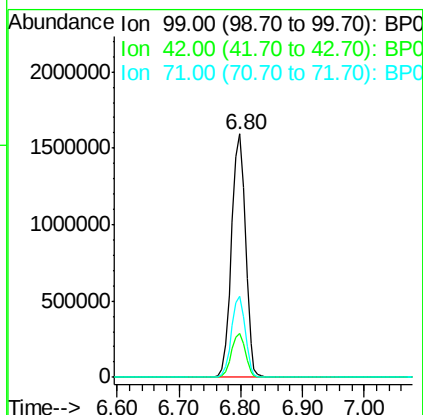
BNA_P

ClientSampleId :

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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: BP002338.D

Acq: 01 Jun 2020 14:36

Tgt Ion: 136 Resp: 1599145

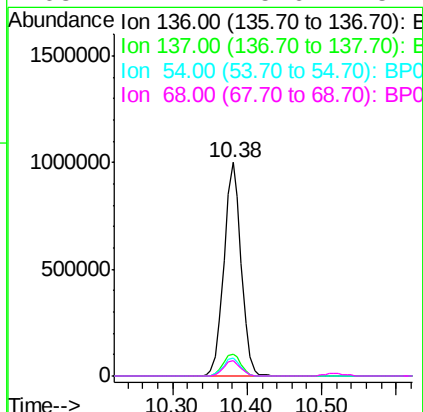
Ion Ratio Lower Upper

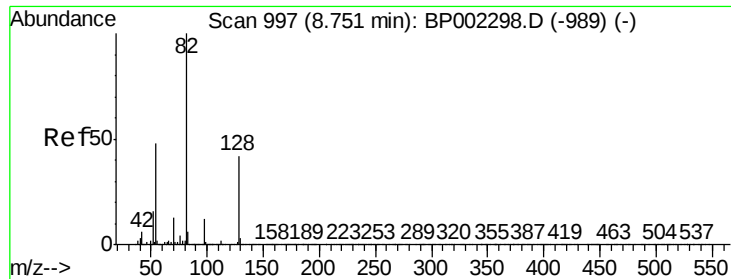
136 100

137 10.5 8.8 13.2

54 8.2 6.9 10.3

68 7.1 5.6 8.4





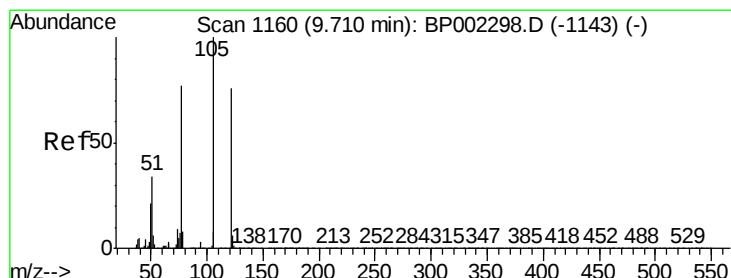
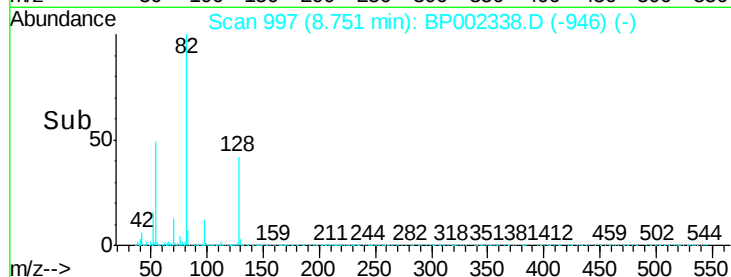
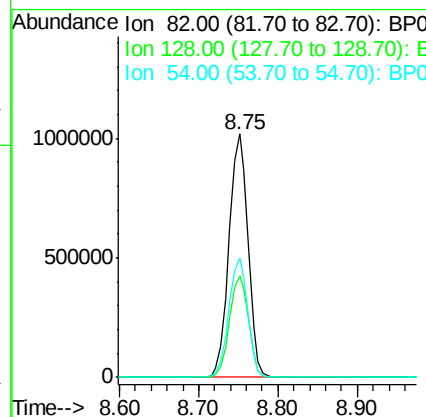
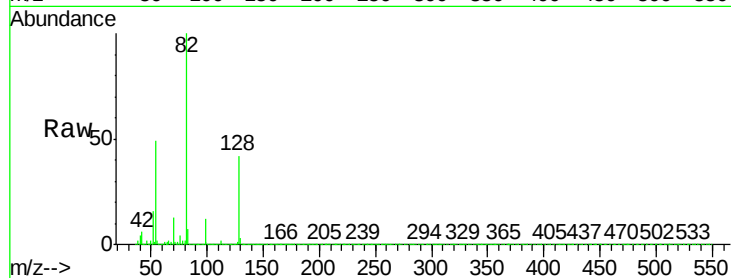
#23
 Nitrobenzene-d5
 Concen: 63.429 ng
 RT: 8.75 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BP002338.D
 Acq: 01 Jun 2020 14:36

Instrument :
 BNA_P
 ClientSampleId :
 NM91-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.4	50.0
54	49.2	38.3	57.5

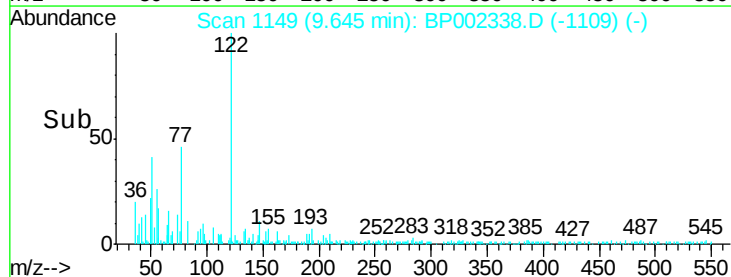
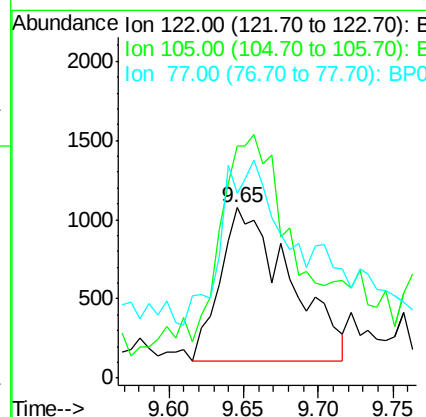
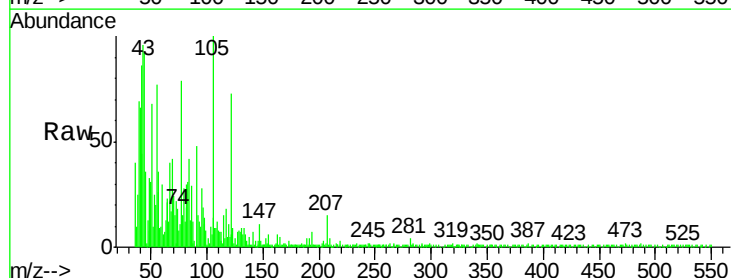
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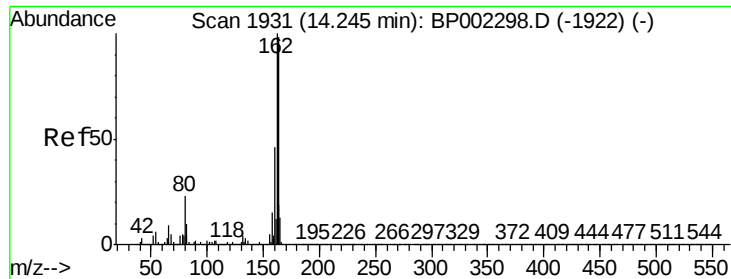
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#32
 Benzoic acid
 Concen: 4.989 ng
 RT: 9.65 min Scan# 1149
 Delta R.T. -0.07 min
 Lab File: BP002338.D
 Acq: 01 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.2	102.7	142.7
77	108.3	74.8	114.8





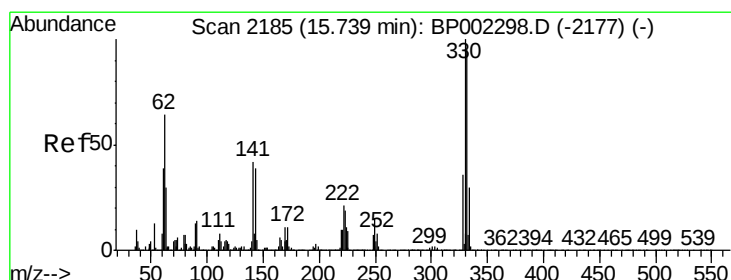
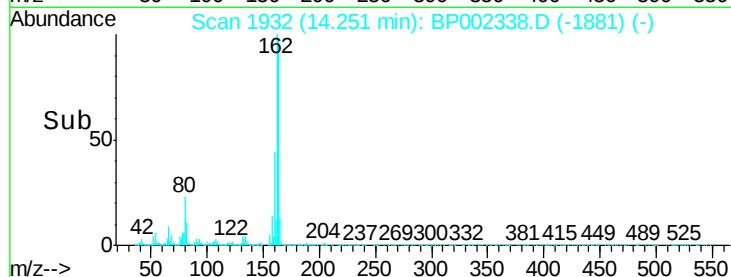
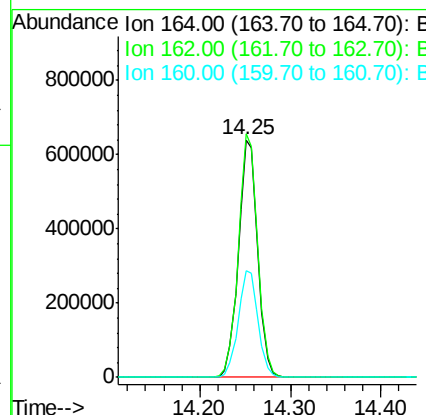
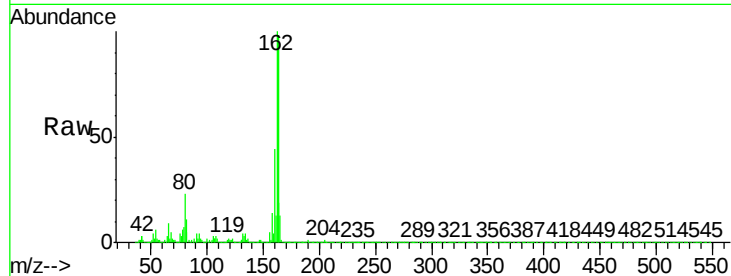
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BP002338.D
Acq: 01 Jun 2020 14:36

Instrument :
BNA_P
ClientSampleId :
NM91-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.4	81.3	121.9	
160	45.0	37.2	55.8	

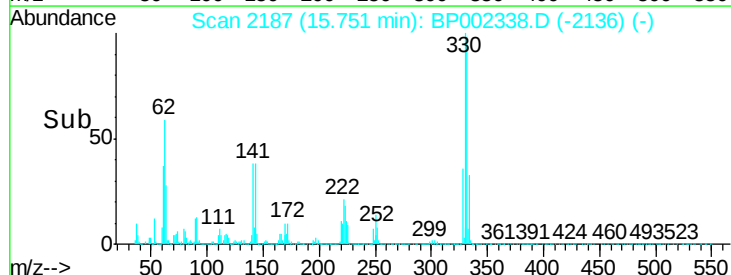
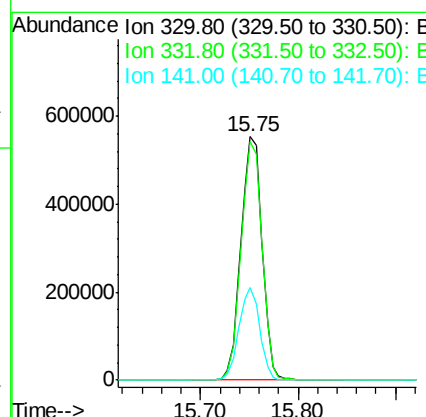
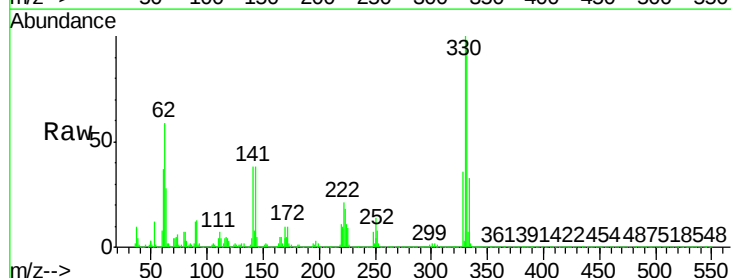
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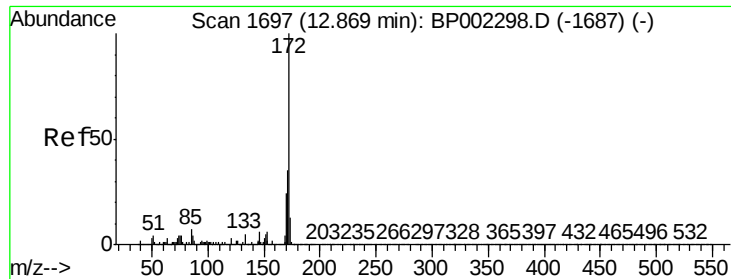
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#42
2,4,6-Tribromophenol
Concen: 92.980 ng
RT: 15.75 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BP002338.D
Acq: 01 Jun 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	76.9	115.3	
141	37.0	31.4	47.2	





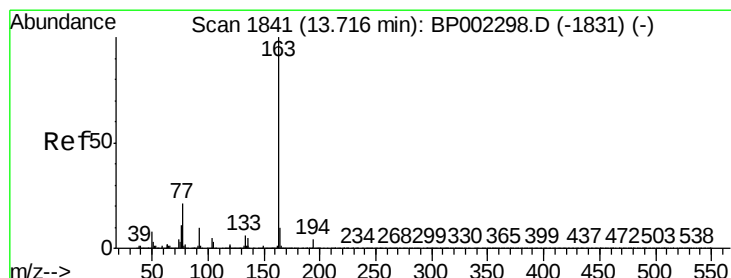
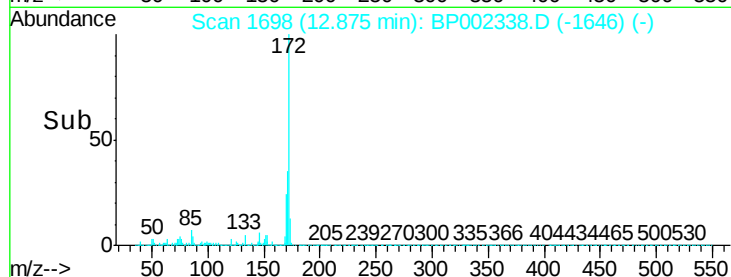
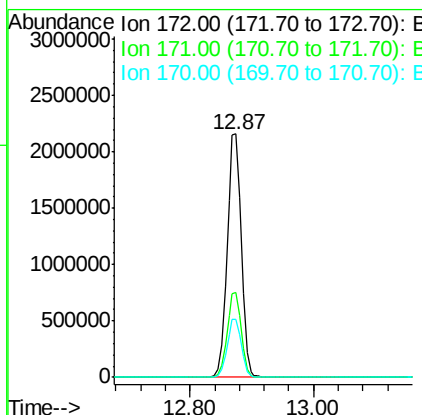
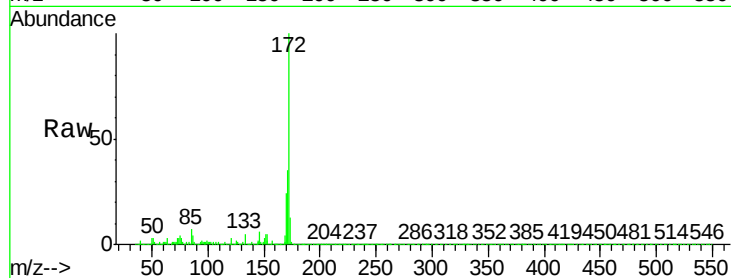
#45
2-Fluorobiphenyl
Concen: 64.059 ng
RT: 12.87 min Scan# 1698
Delta R.T. 0.01 min
Lab File: BP002338.D
Acq: 01 Jun 2020 14:36

Instrument :
BNA_P
ClientSampleId :
NM91-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.6	41.4
170	24.1	18.9	28.3

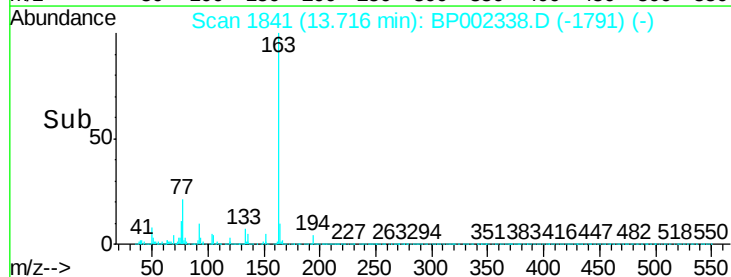
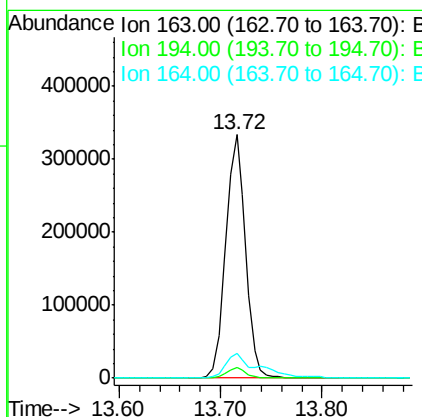
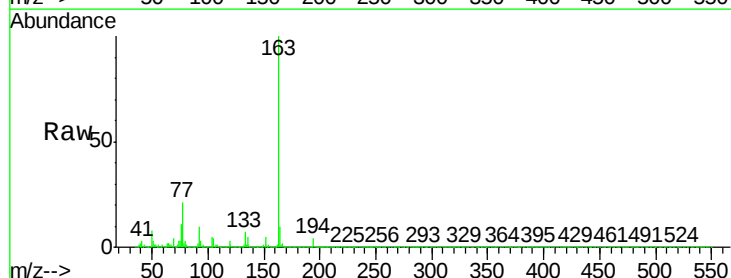
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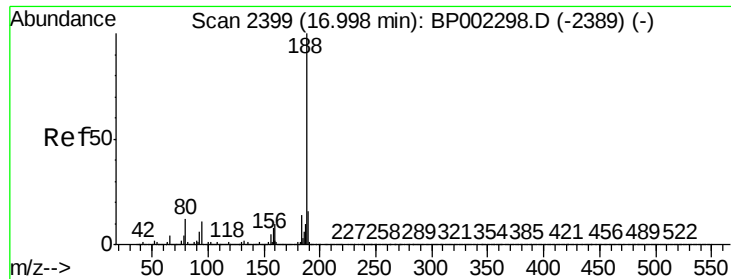
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#50
Dimethylphthalate
Concen: 6.994 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002338.D
Acq: 01 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.4	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.01 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BP002338.D

Acq: 01 Jun 2020 14:36

Instrument :

BNA_P

ClientSampleId :

NM91-COMP-2020-0-6

Tot Ion:188 Resp: 2004528

Ion Ratio Lower Upper

188 100

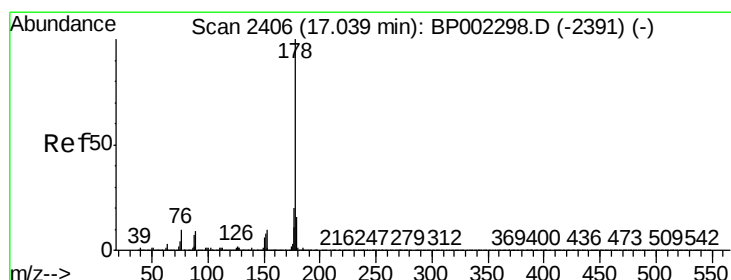
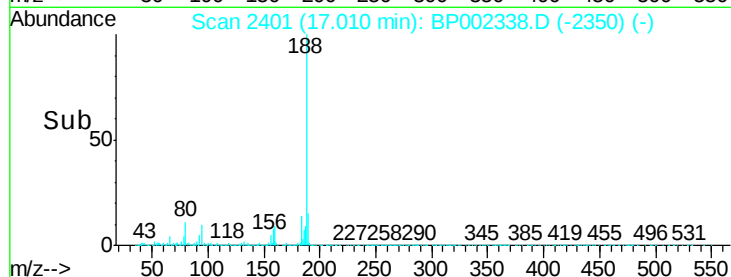
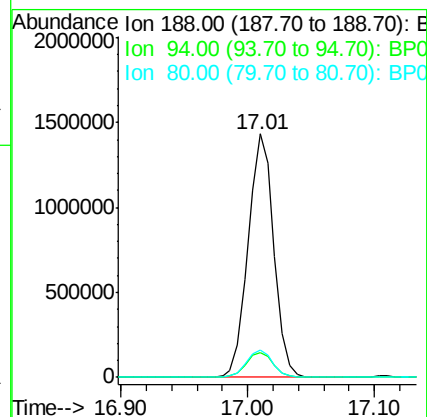
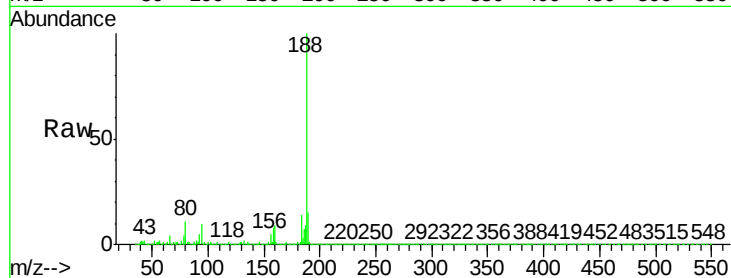
94 10.3 8.7 13.1

80 11.1 9.3 13.9

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#71

Phenanthrene

Concen: 8.723 ng

RT: 17.05 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BP002338.D

Acq: 01 Jun 2020 14:36

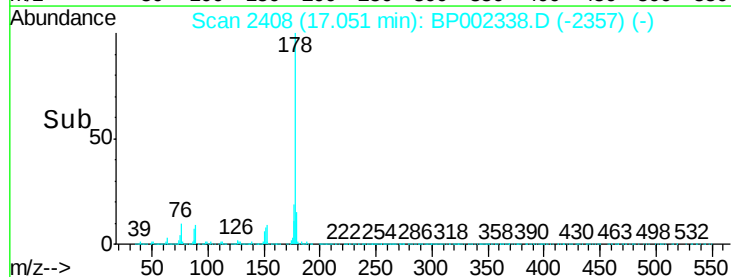
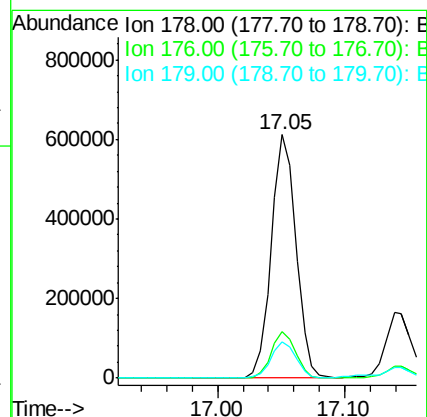
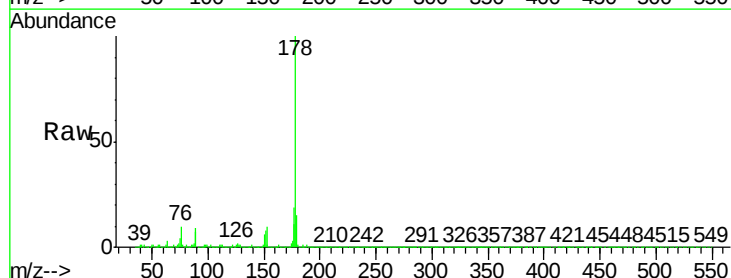
Tgt Ion:178 Resp: 828261

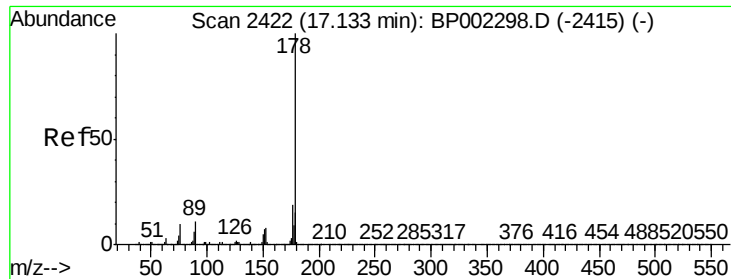
Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

179 14.9 12.6 18.8





#72

Anthracene

Concen: 2.451 ng

RT: 17.14 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BP002338.D

Acq: 01 Jun 2020 14:36

Instrument :

BNA_P

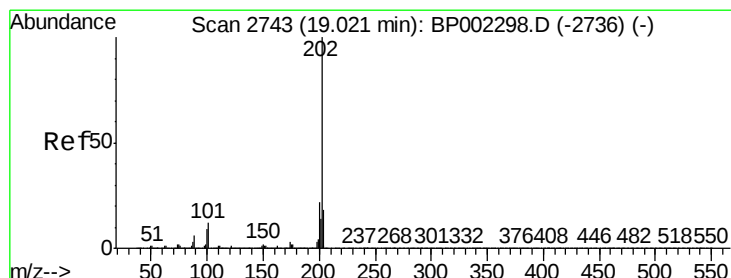
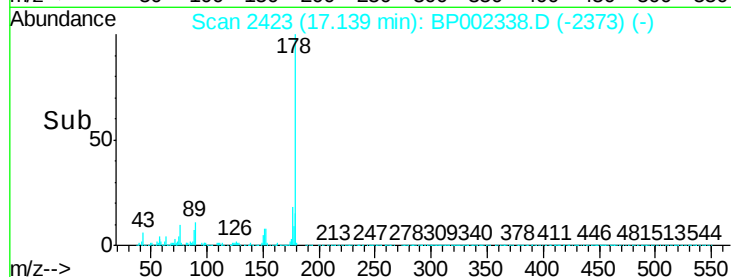
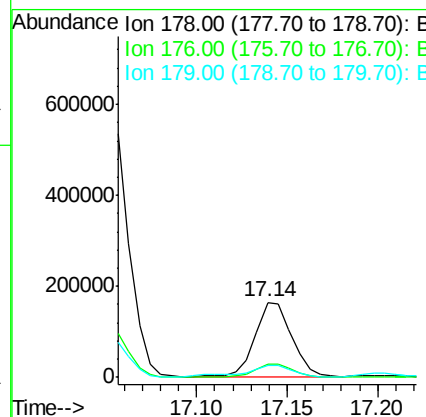
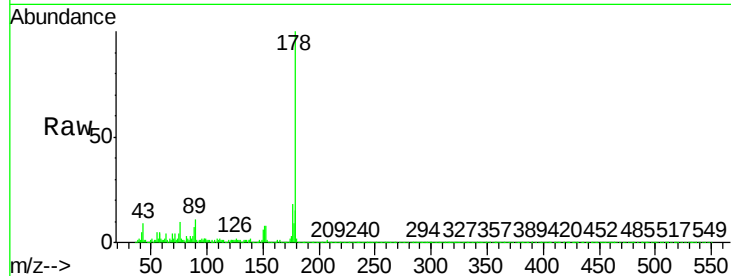
ClientSampleId :

NM91-COMP-2020-0-6

Tot Ion:	178	Resp:	228995
Ion Ratio	Lower	Upper	
178	100		
176	18.1	15.2	22.8
179	15.3	12.6	19.0

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#75

Fluoranthene

Concen: 14.906 ng

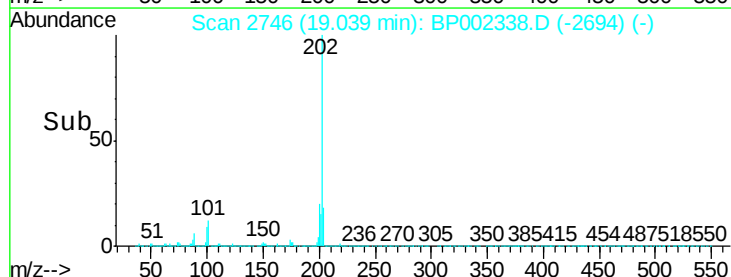
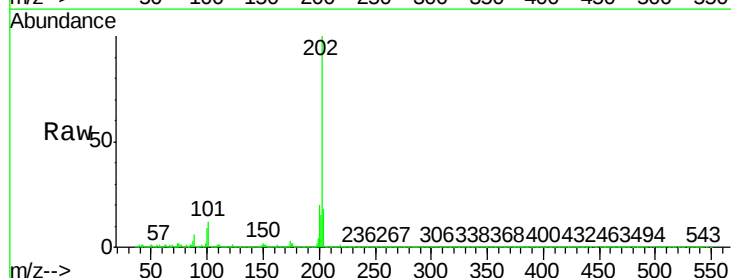
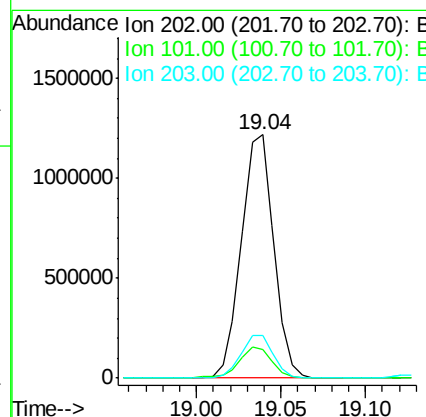
RT: 19.04 min Scan# 2746

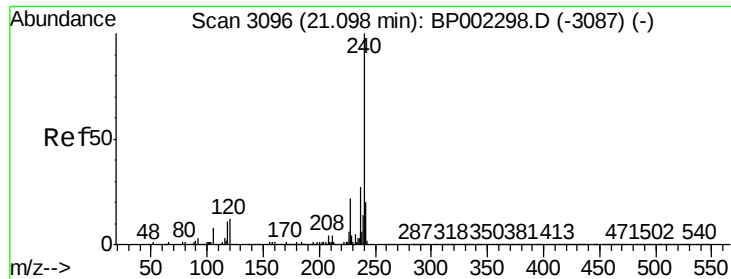
Delta R.T. 0.01 min

Lab File: BP002338.D

Acq: 01 Jun 2020 14:36

Tgt Ion:	202	Resp:	1630160
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	32.1
203	17.6	0.0	37.6





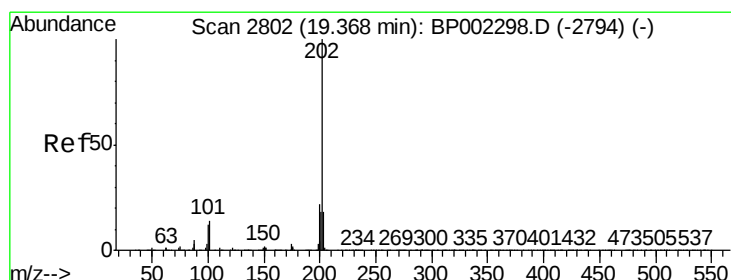
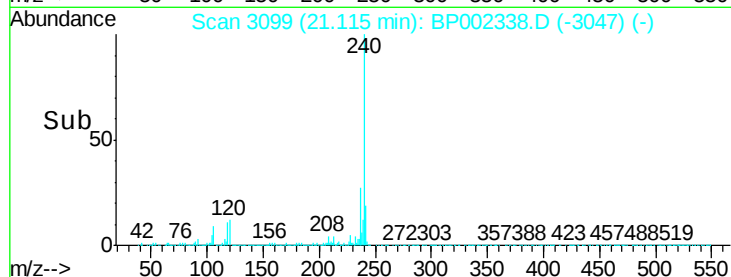
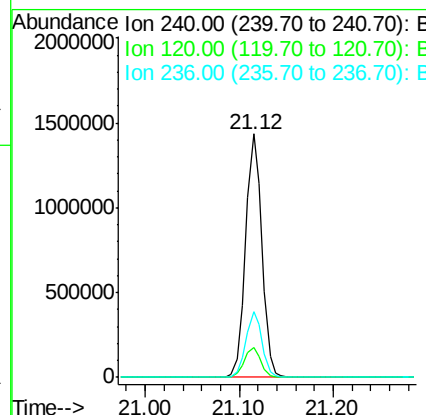
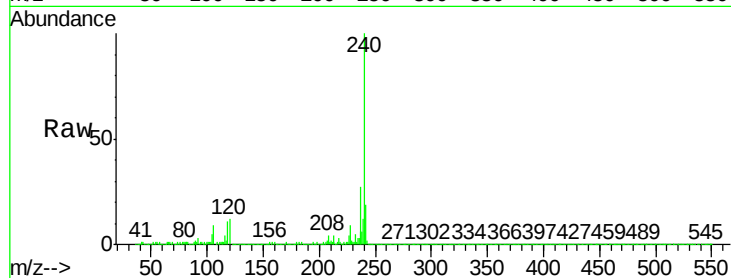
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.12 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BP002338.D
Acq: 01 Jun 2020 14:36

Instrument :
BNA_P
ClientSampleId :
NM91-COMP-2020-0-6

Tot Ion:240 Resp: 1721883
Ion Ratio Lower Upper
240 100
120 12.2 8.7 13.1
236 26.7 21.0 31.4

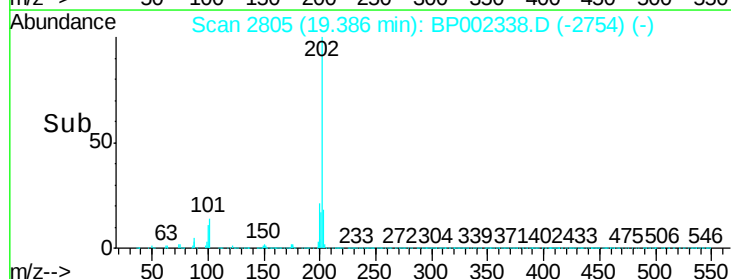
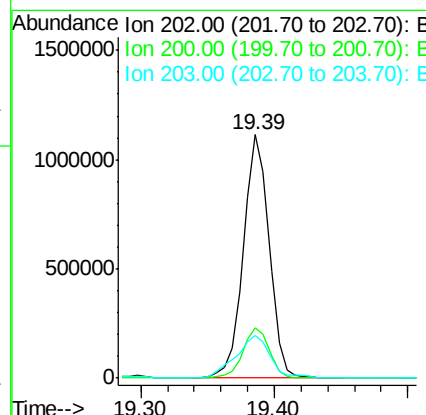
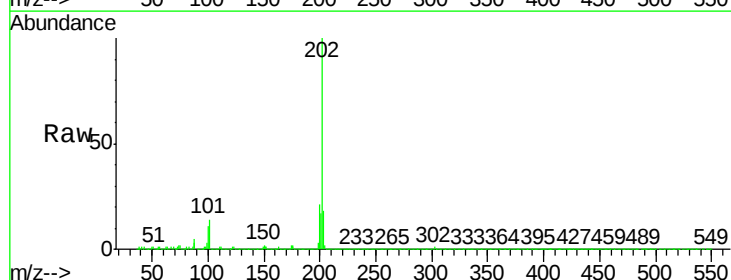
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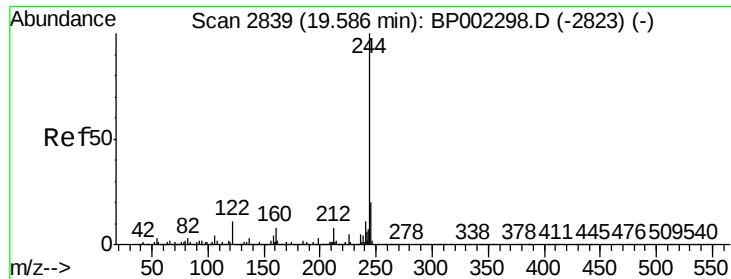
mohammad
6/2/2020 3:23:36 PM



#78
Pyrene
Concen: 13.856 ng
RT: 19.39 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BP002338.D
Acq: 01 Jun 2020 14:36

Tgt Ion:202 Resp: 1485686
Ion Ratio Lower Upper
202 100
200 20.7 17.3 25.9
203 17.7 13.8 20.6





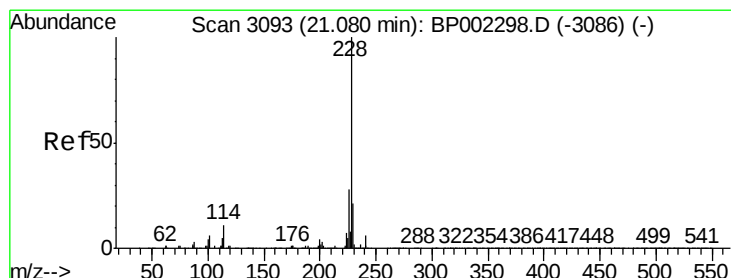
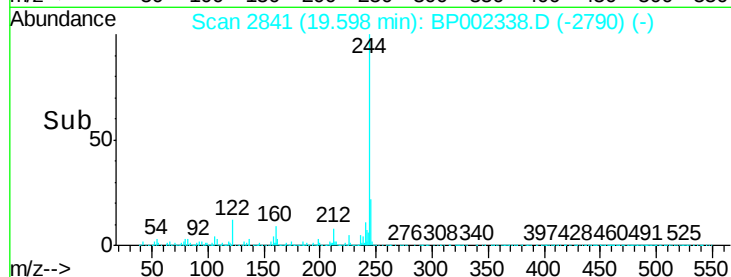
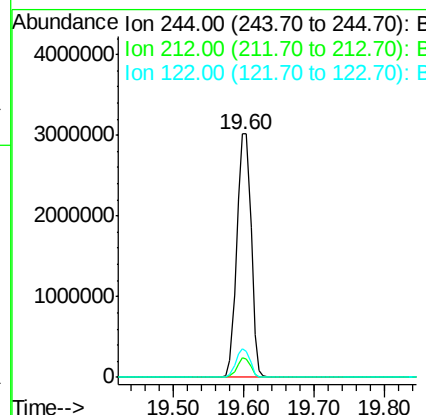
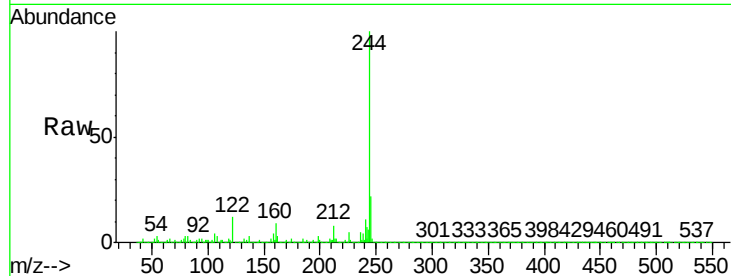
#79
 Terphenyl-d14
 Concen: 59.967 ng
 RT: 19.60 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: BP002338.D
 Acq: 01 Jun 2020 14:36

Instrument :
 BNA_P
 ClientSampleId :
 NM91-COMP-2020-0-6

Tot Ion:244 Resp: 4263757
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.4 9.6
 122 11.8 9.4 14.0

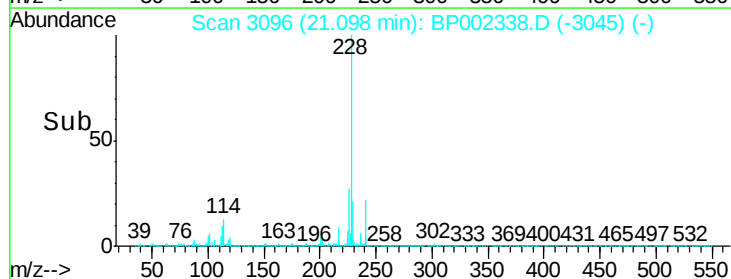
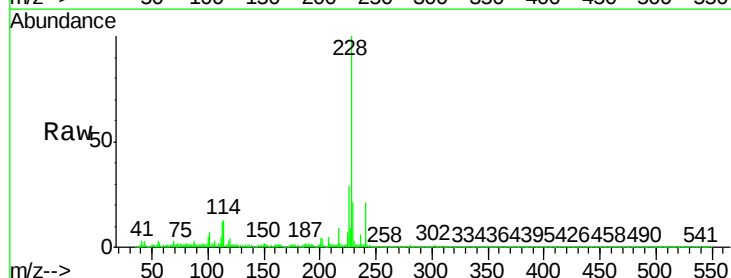
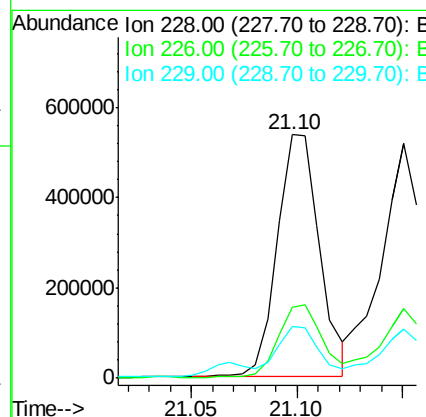
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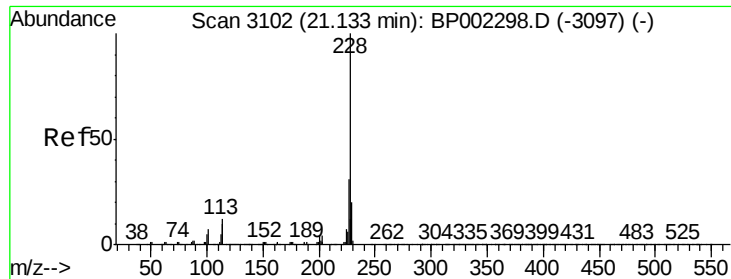
mohammad
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#81
 Benzo(a)anthracene
 Concen: 7.603 ng
 RT: 21.10 min Scan# 3096
 Delta R.T. -0.00 min
 Lab File: BP002338.D
 Acq: 01 Jun 2020 14:36

Tgt Ion:228 Resp: 749373
 Ion Ratio Lower Upper
 228 100
 226 28.9 22.7 34.1
 229 21.0 16.3 24.5





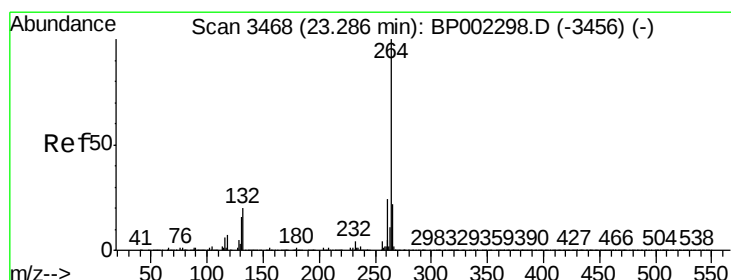
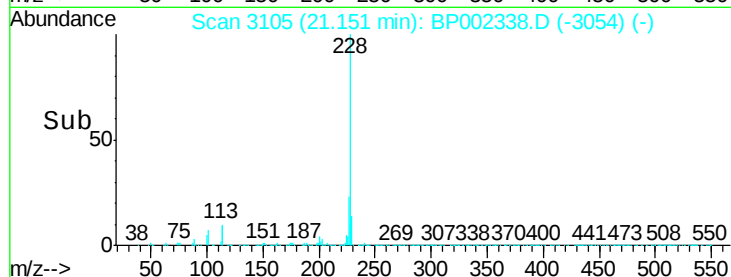
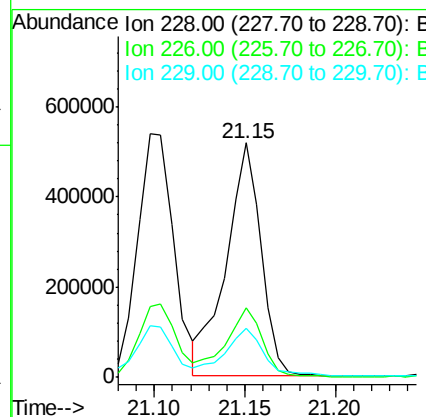
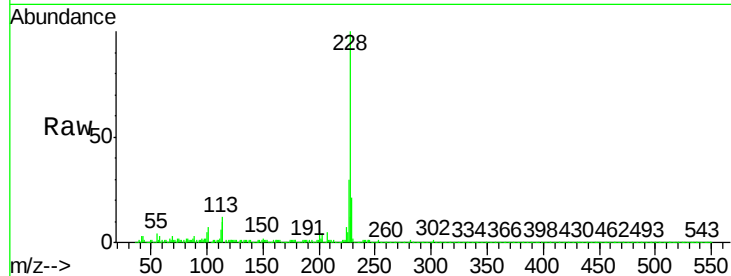
#83
Chrysene
Concen: 7.300 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BP002338.D
Acq: 01 Jun 2020 14:36

Instrument :
BNA_P
ClientSampleId :
NM91-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	21.0	16.2	24.4

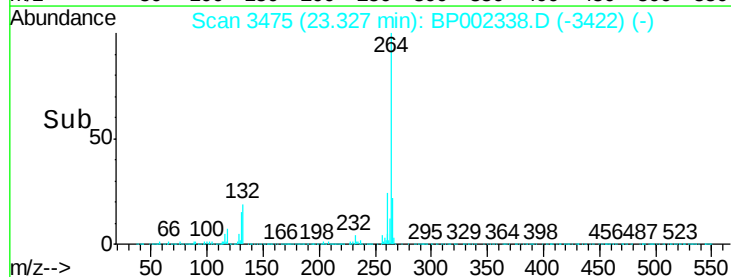
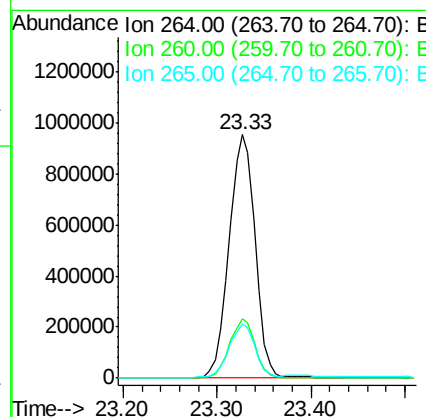
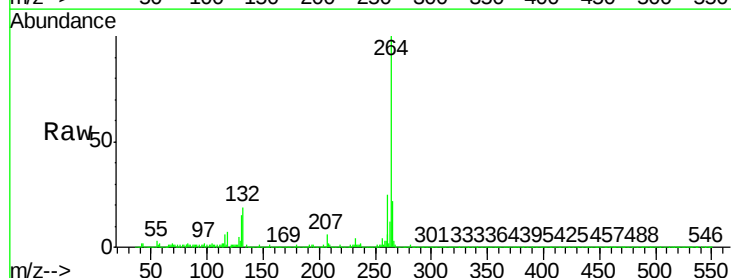
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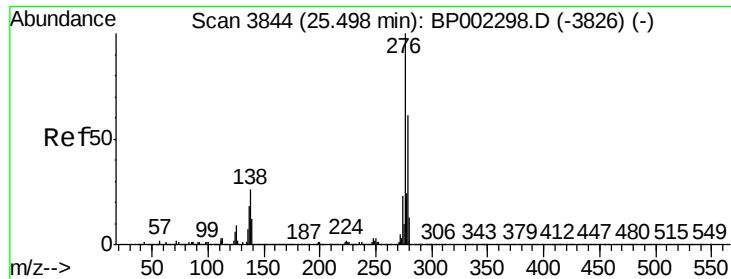
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3475
Delta R.T. 0.01 min
Lab File: BP002338.D
Acq: 01 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.0	17.8	26.6





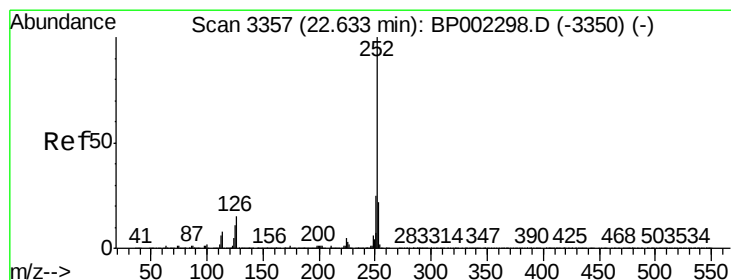
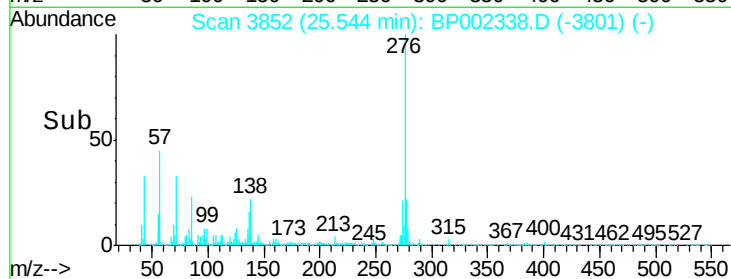
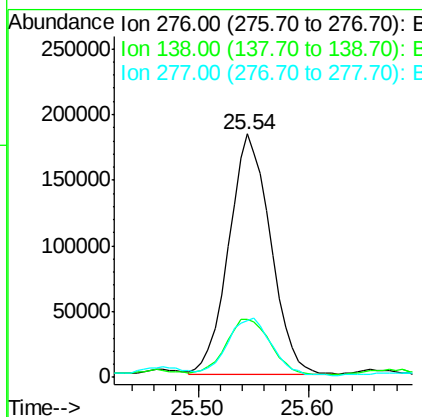
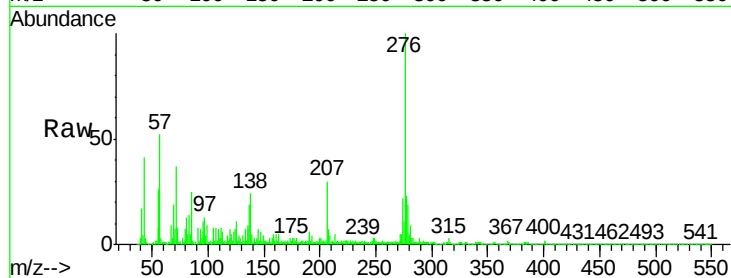
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.266 ng
 RT: 25.54 min Scan# 3852
 Delta R.T. -0.00 min
 Lab File: BP002338.D
 Acq: 01 Jun 2020 14:36

Instrument :
 BNA_P
 ClientSampleId :
 NM91-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	18.2	27.4
277	25.1	20.2	30.2

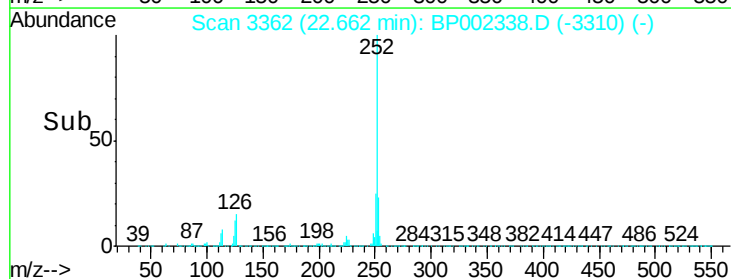
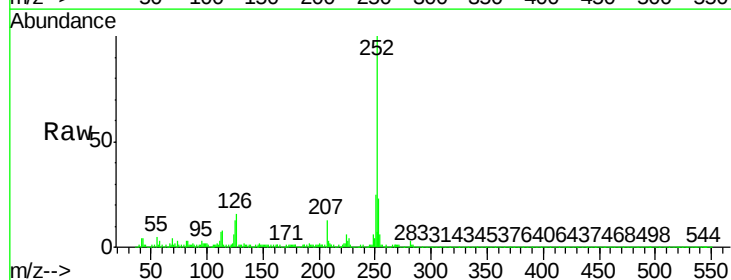
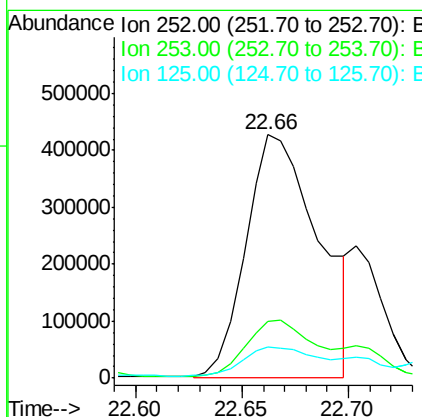
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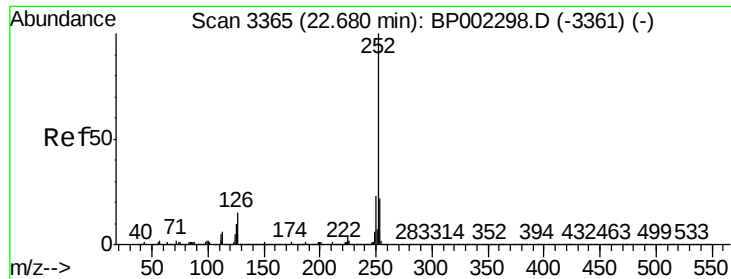
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 10.209 ng m
 RT: 22.66 min Scan# 3362
 Delta R.T. 0.01 min
 Lab File: BP002338.D
 Acq: 01 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	12.6	7.2	10.8#





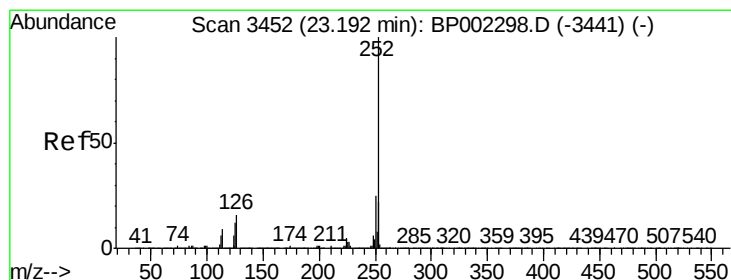
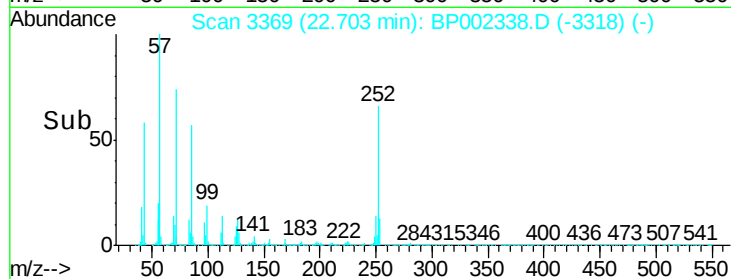
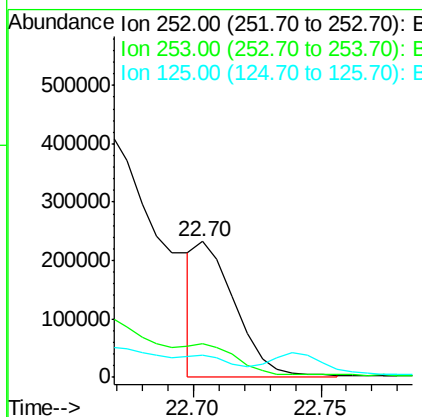
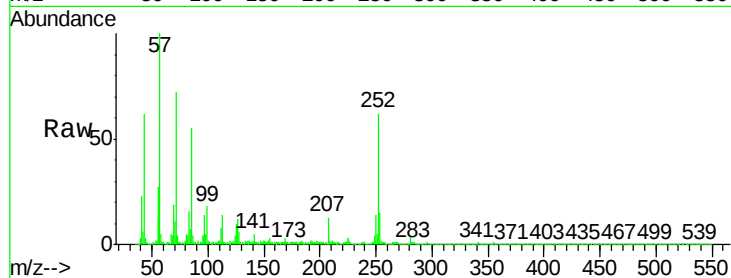
#89
Benzo(k)fluoranthene
Concen: 2.650 ng m
RT: 22.70 min Scan# 3369
Delta R.T. -0.00 min
Lab File: BP002338.D
Acq: 01 Jun 2020 14:36

Instrument :
BNA_P
ClientSampleId :
NM91-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	16.2	7.4	11.2

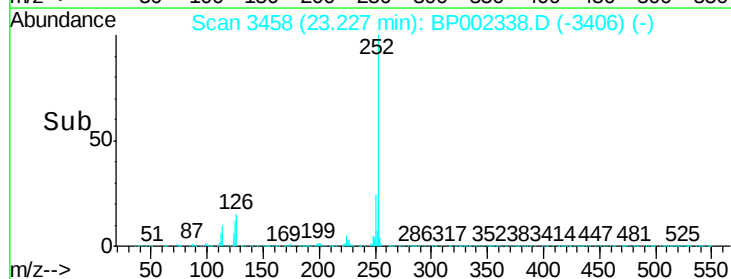
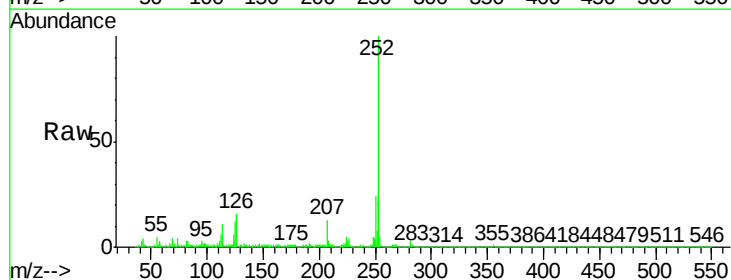
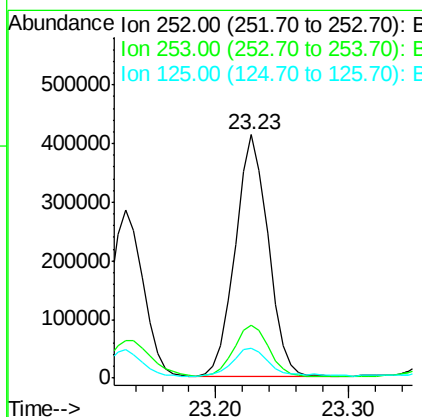
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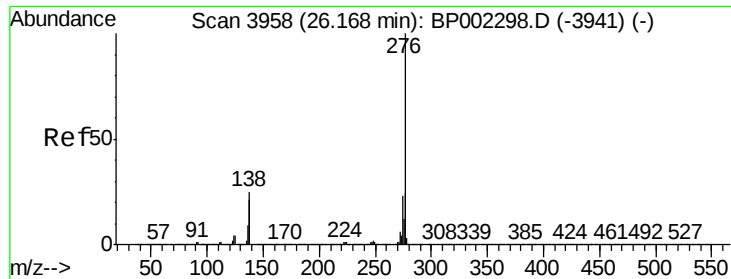
mohammad
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#90
Benzo(a)pyrene
Concen: 7.674 ng
RT: 23.23 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BP002338.D
Acq: 01 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	12.4	8.4	12.6





#92
 Benzo(a,h,i)perylene
 Concen: 5.319 ng
 RT: 26.23 min Scan# 3968
 Delta R.T. 0.01 min
 Lab File: BP002338.D
 Acq: 01 Jun 2020 14:36

Instrument :
 BNA_P
 ClientSampleId :
 NM91-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	26.8	16.0	24.0

Manual Integrations
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