

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
 Data File : BP002321.D
 Acq On : 29 May 2020 18:36
 Operator : CG/JU
 Sample : L2773-21 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: May 30 01:29:57 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	7.60	152	337732	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	1435034	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	837237	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1723216	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1565437	20.00	ng	0.00
86) Perylene-d12	23.32	264	1582303	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1065983	59.28	ng	0.00
7) Phenol-d6	6.79	99	1496415	61.17	ng	0.00
23) Nitrobenzene-d5	8.75	82	978263	40.99	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	477017	60.12	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2115369	44.58	ng	0.00
79) Terphenyl-d14	19.59	244	2765631	42.78	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	251701	4.441	ng	99
71) Phenanthrene	17.05	178	456873	5.597	ng	99
75) Fluoranthene	19.03	202	933608	9.931	ng	99
78) Pyrene	19.38	202	820364	8.416	ng	98
81) Benzo(a)anthracene	21.09	228	436411	4.870	ng	99
83) Chrysene	21.15	228	379339	4.411	ng	99
87) Indeno(1,2,3-cd)pyrene	25.53	276	266599	2.722	ng	96
88) Benzo(b)fluoranthene	22.66	252	519092m	6.017	ng	
89) Benzo(k)fluoranthene	22.69	252	188315m	2.275	ng	
90) Benzo(a)pyrene	23.22	252	390830	4.884	ng	# 97
92) Benzo(a,h,i)perylene	26.20	276	275543	3.383	ng	# 93

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

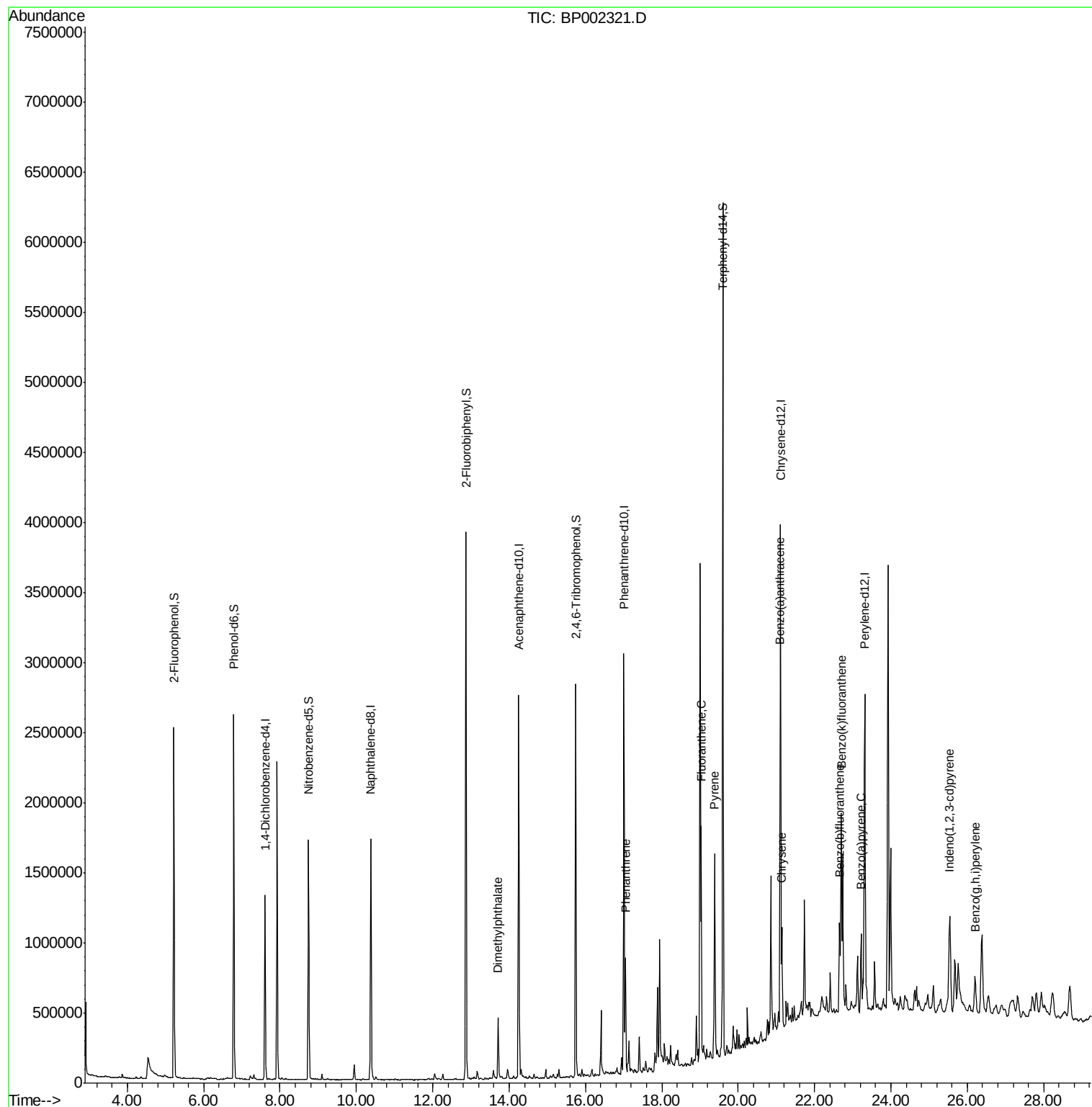
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002321.D
Acq On : 29 May 2020 18:36
Operator : CG/JU
Sample : L2773-21 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

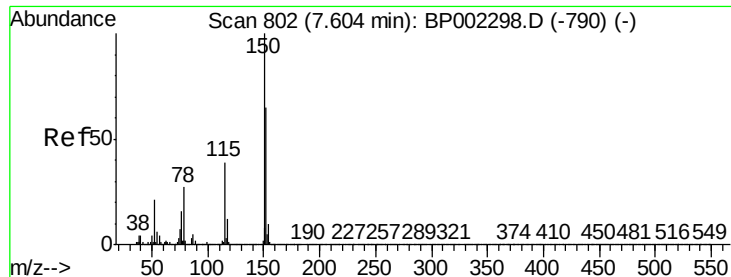
Instrument :
BNA_P
ClientSampleId :
NM91-COMP-2020-0-6

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Quant Time: May 30 01:29:57 2020
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

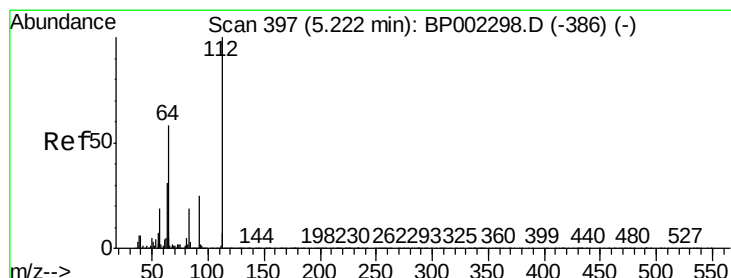
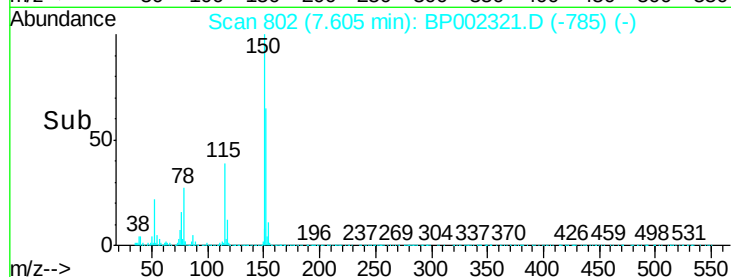
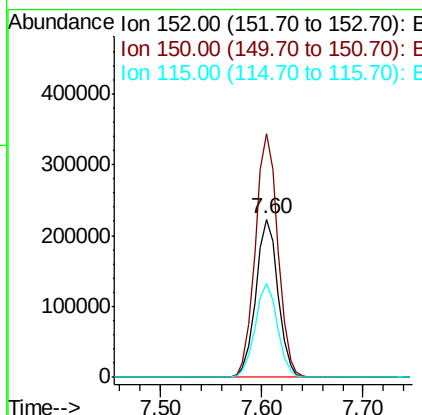
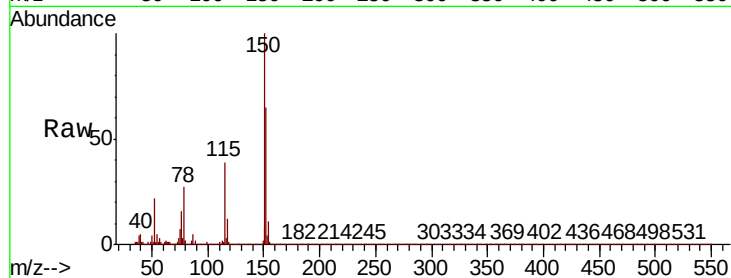
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002321.D
Acq: 29 May 2020 18:36

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.7	187.1
115	59.8	49.4	74.2

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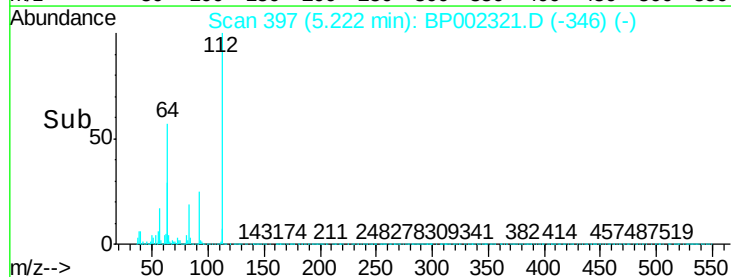
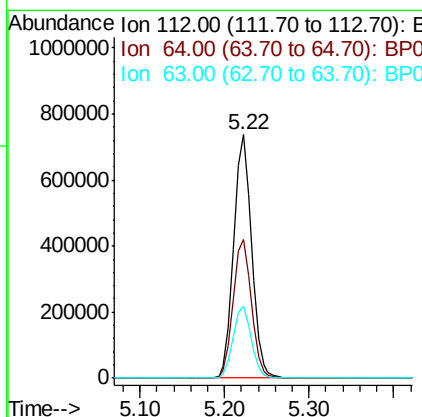
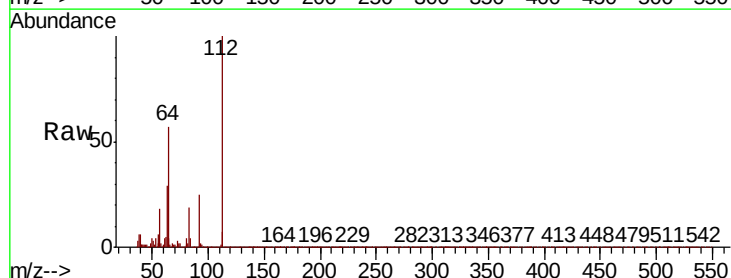
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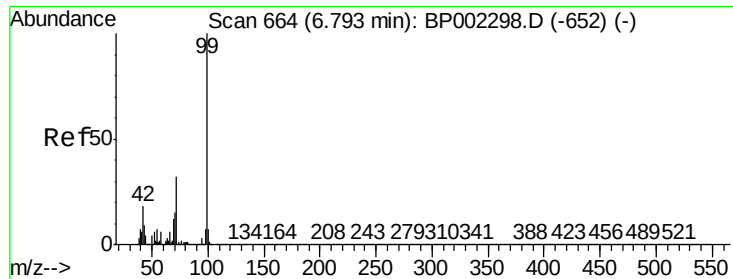


#5

2-Fluorophenol
Concen: 59.279 ng
RT: 5.22 min Scan# 397
Delta R.T. -0.00 min
Lab File: BP002321.D
Acq: 29 May 2020 18:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.0	70.4
63	29.4	24.0	36.0





#7

Phenol-d6

Concen: 61.173 ng

RT: 6.79 min Scan# 663

Delta R.T. -0.01 min

Lab File: BP002321.D

Acq: 29 May 2020 18:36

Instrument :

BNA_P

ClientSampleId :

NM91-COMP-2020-0-6

Tot Ion: 99 Resp: 1496415

Ion Ratio Lower Upper

99 100

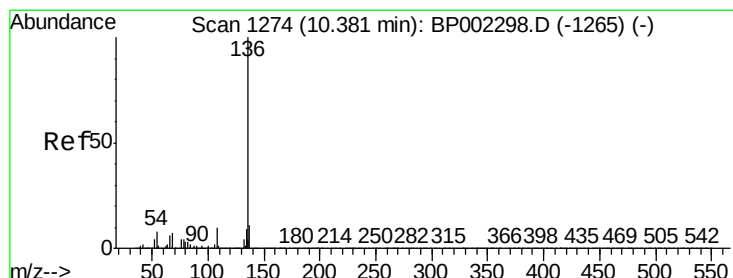
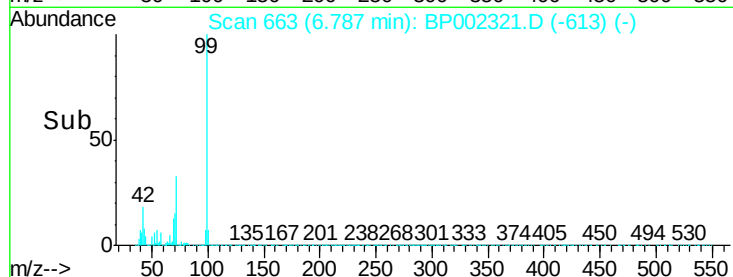
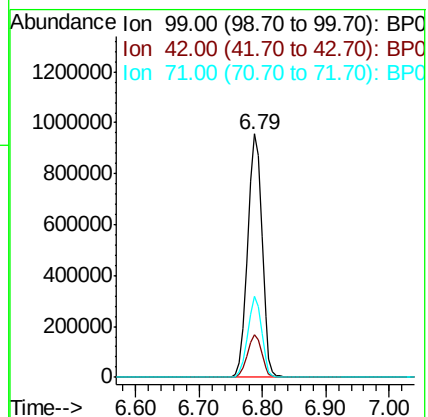
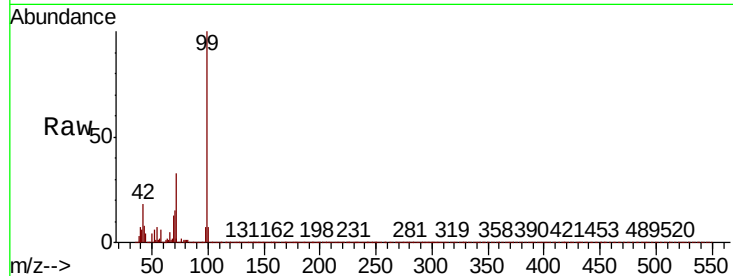
42 17.7 13.9 20.9

71 33.0 25.8 38.8

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.37 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BP002321.D

Acq: 29 May 2020 18:36

Tgt Ion: 136 Resp: 1435034

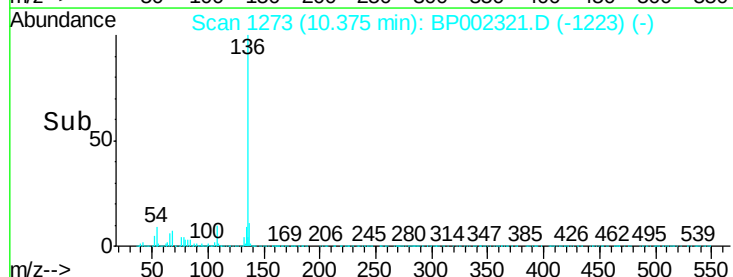
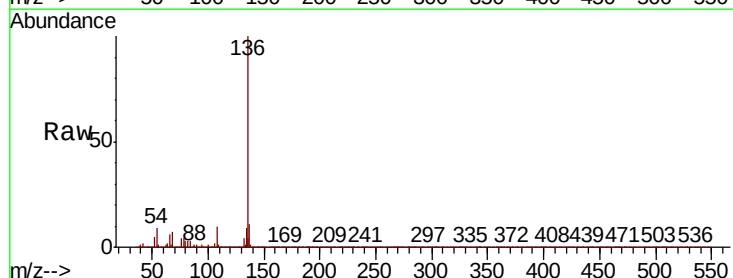
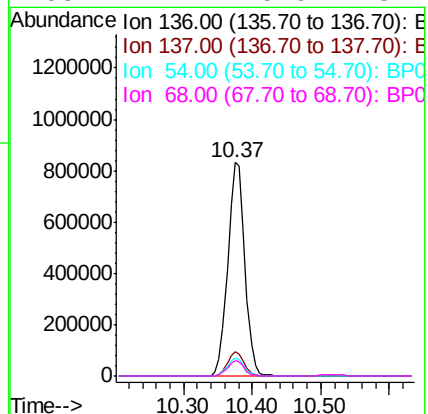
Ion Ratio Lower Upper

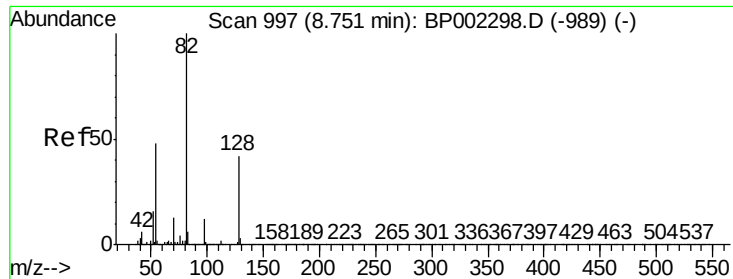
136 100

137 11.2 8.8 13.2

54 8.6 6.9 10.3

68 7.1 5.6 8.4





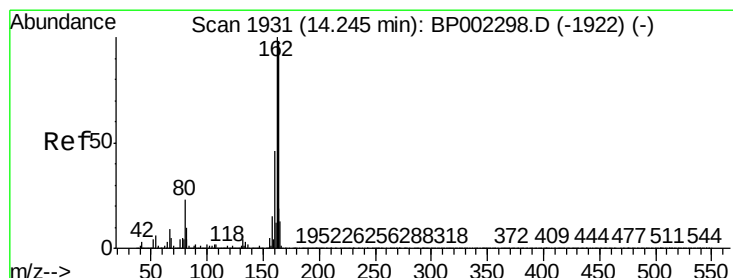
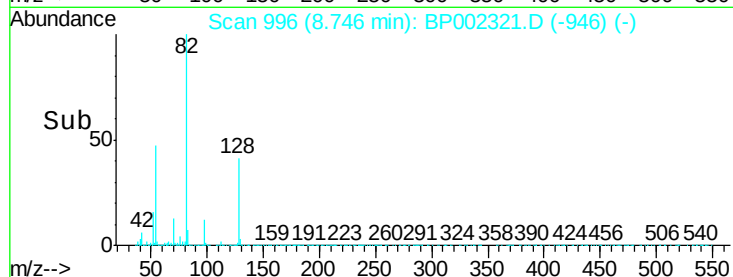
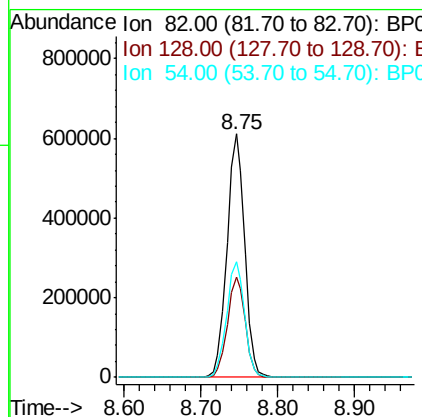
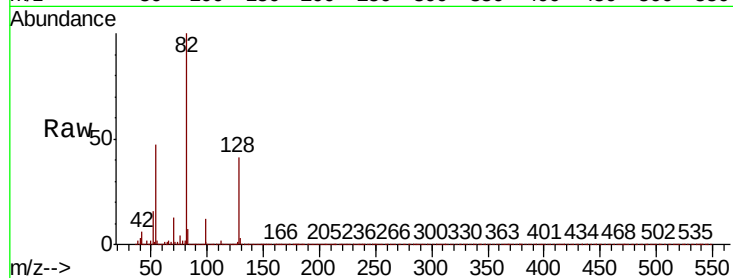
#23
Nitrobenzene-d5
Concen: 40.985 ng
RT: 8.75 min Scan# 996
Delta R.T. -0.01 min
Lab File: BP002321.D
Acq: 29 May 2020 18:36

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

Tot Ion	82	Resp:	978263
Ion Ratio	Lower	Upper	
82	100		
128	41.0	33.4	50.0
54	47.4	38.3	57.5

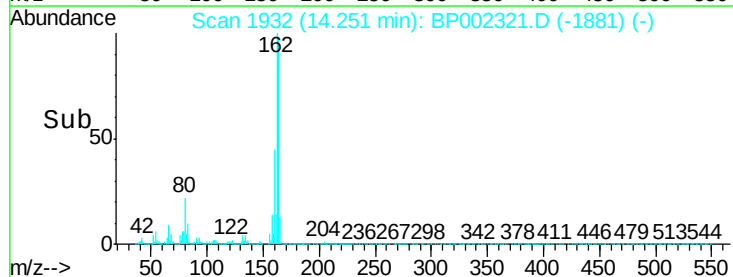
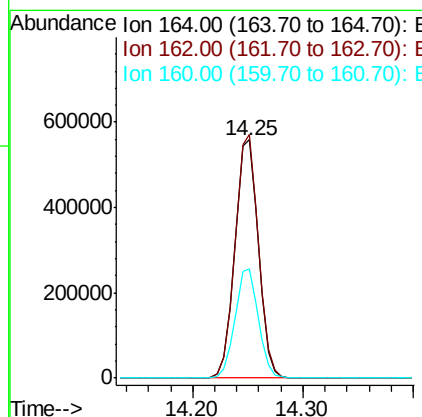
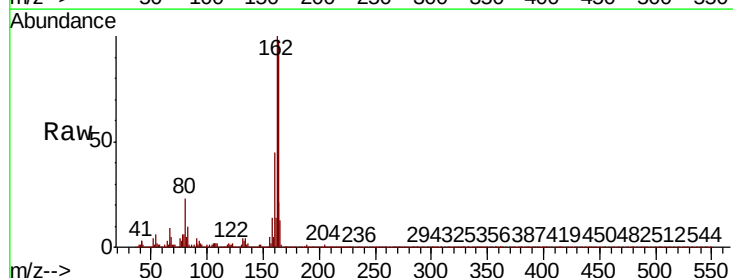
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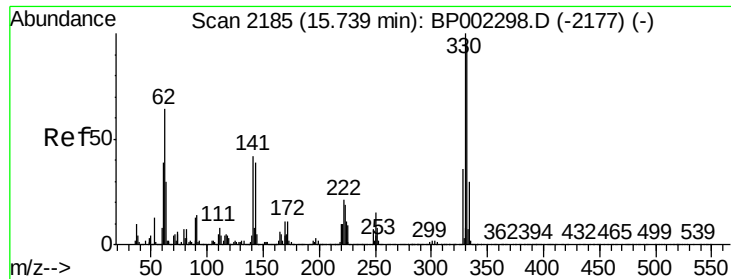
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BP002321.D
Acq: 29 May 2020 18:36

Tgt Ion	164	Resp:	837237
Ion Ratio	Lower	Upper	
164	100		
162	102.3	81.3	121.9
160	46.1	37.2	55.8





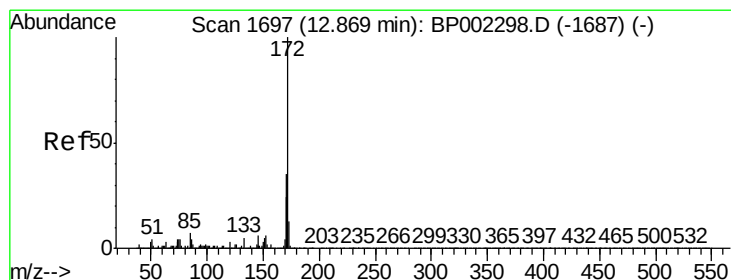
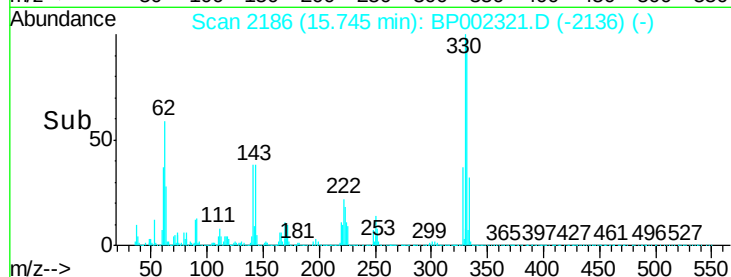
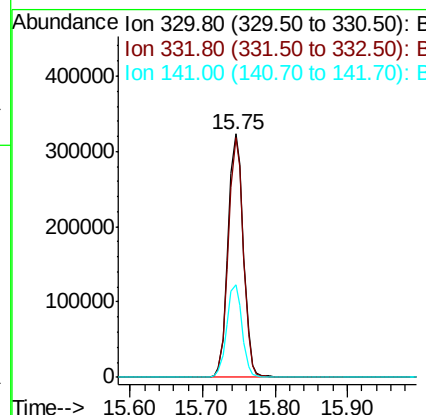
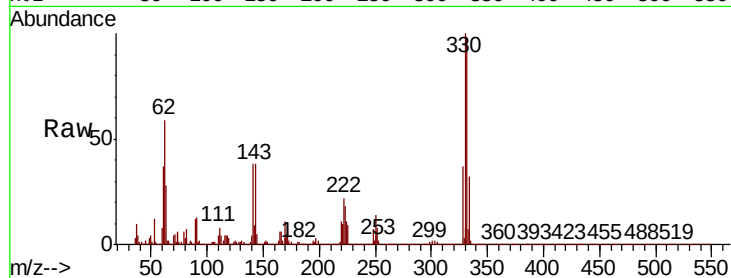
#42
 2,4,6-Tribromophenol
 Concen: 60.116 ng
 RT: 15.75 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BP002321.D
 Acq: 29 May 2020 18:36

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	38.0	31.4	47.2

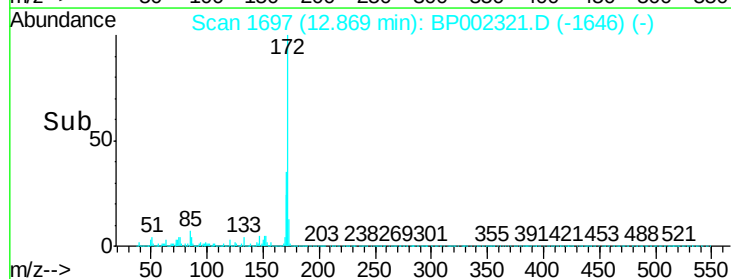
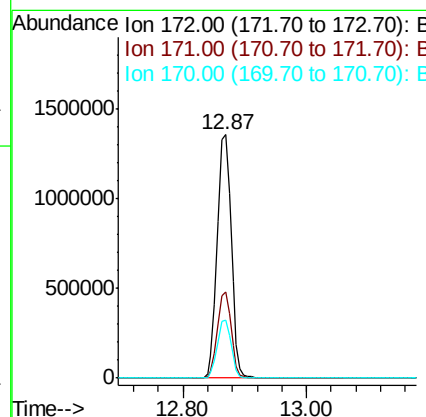
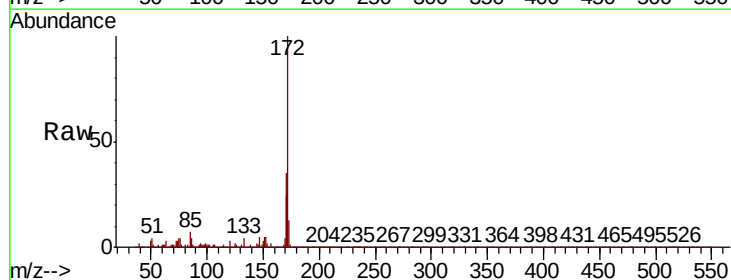
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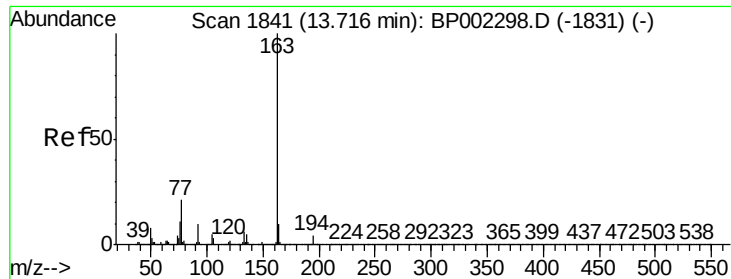
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#45
 2-Fluorobiphenyl
 Concen: 44.583 ng
 RT: 12.87 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BP002321.D
 Acq: 29 May 2020 18:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.6	41.4
170	23.6	18.9	28.3





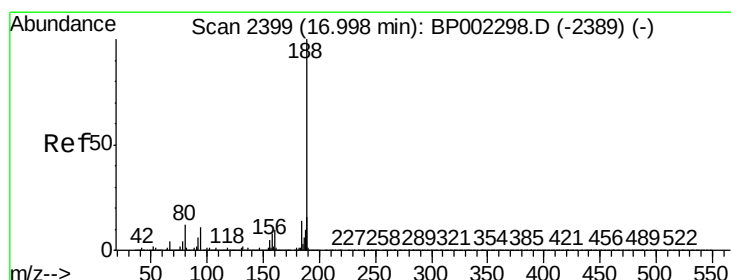
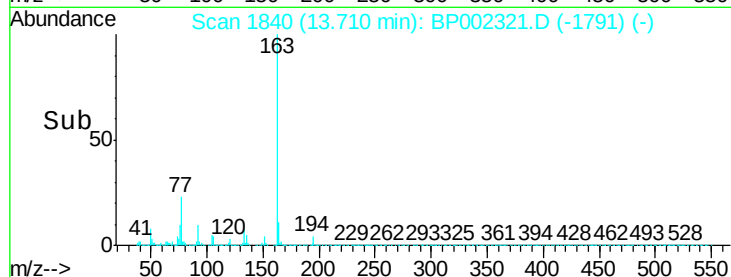
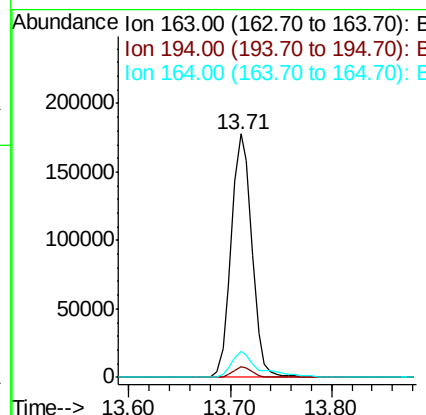
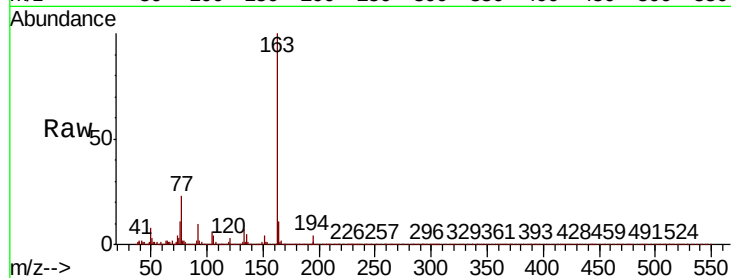
#50
Dimethylphthalate
Concen: 4.441 ng
RT: 13.71 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP002321.D
Acq: 29 May 2020 18:36

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	251701		
194	4.1		3.2	4.8
164	10.5		8.1	12.1

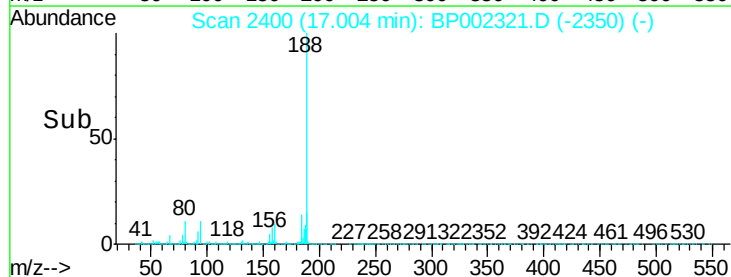
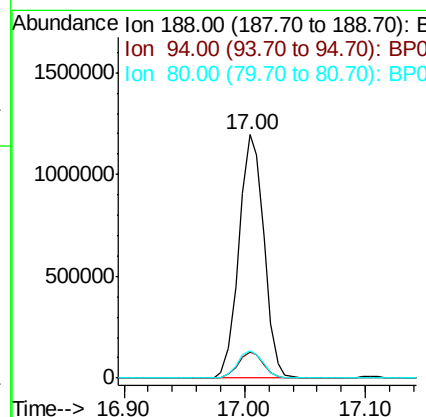
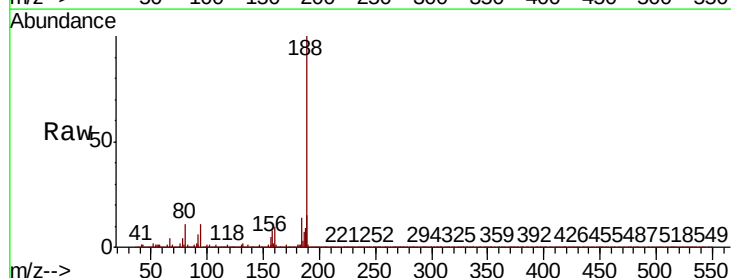
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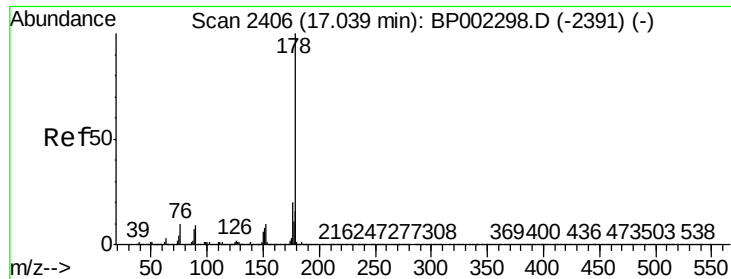
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002321.D
Acq: 29 May 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1723216		
94	10.7		8.7	13.1
80	11.3		9.3	13.9





#71

Phenanthrene

Concen: 5.597 ng

RT: 17.05 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BP002321.D

Acq: 29 May 2020 18:36

Instrument :

BNA_P

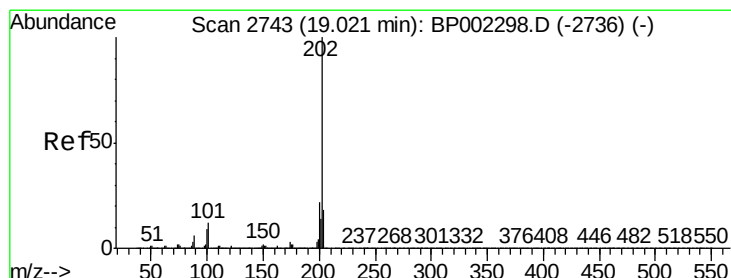
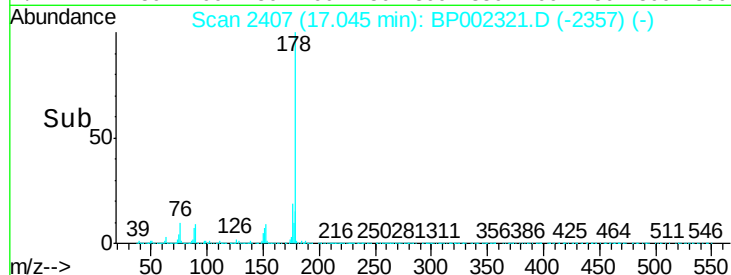
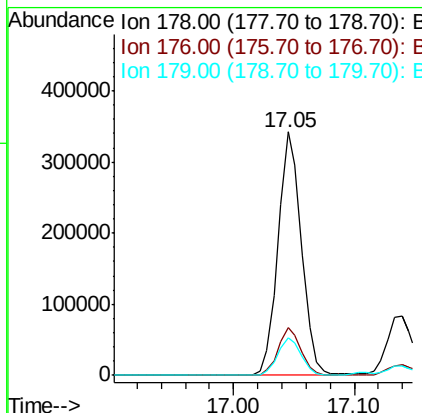
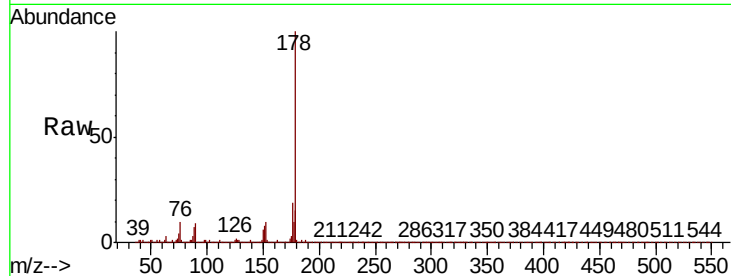
ClientSampleId :

NM91-COMP-2020-0-6

Tot Ion:178	Resp:	456873
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.8 23.8
179	15.2	12.6 18.8

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#75

Fluoranthene

Concen: 9.931 ng

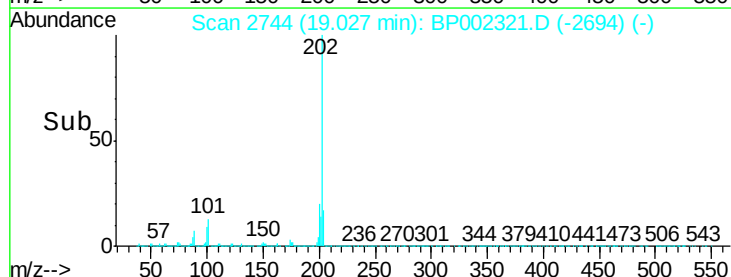
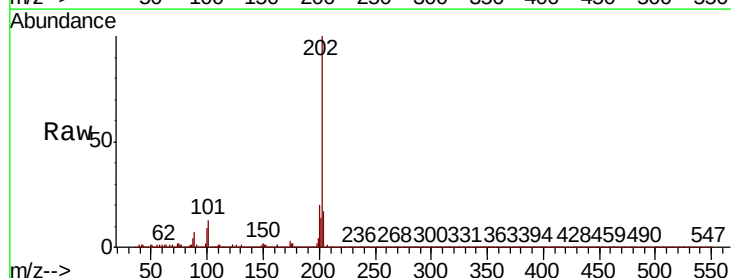
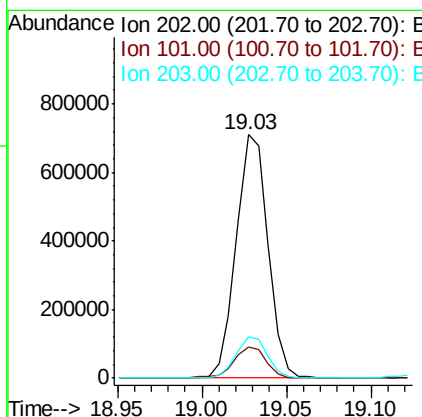
RT: 19.03 min Scan# 2744

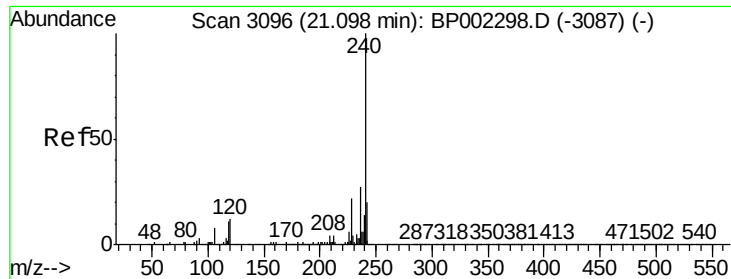
Delta R.T. -0.01 min

Lab File: BP002321.D

Acq: 29 May 2020 18:36

Tgt Ion:202	Resp:	933608
Ion Ratio	Lower	Upper
202	100	
101	12.8	0.0 32.1
203	17.2	0.0 37.6





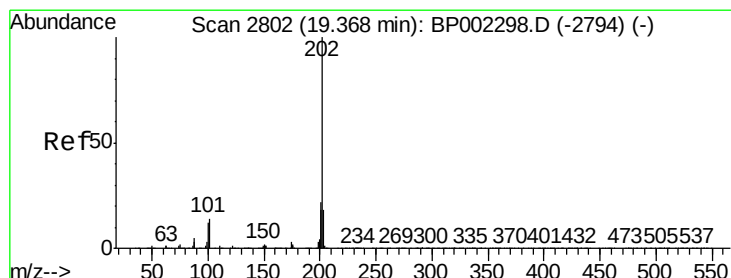
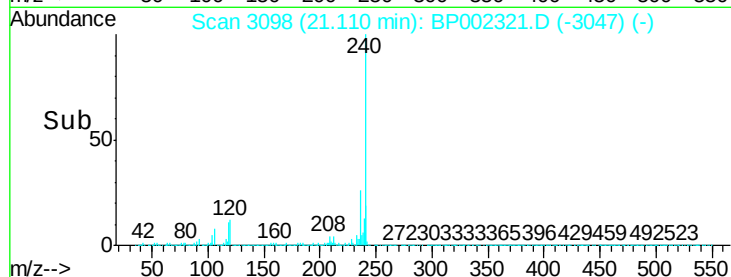
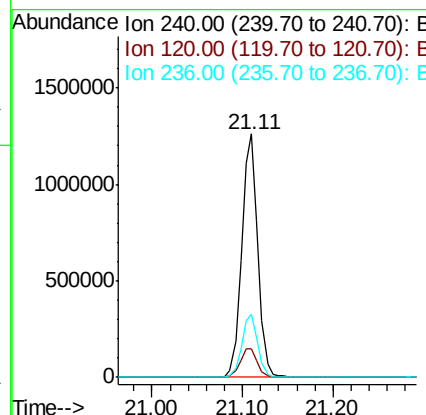
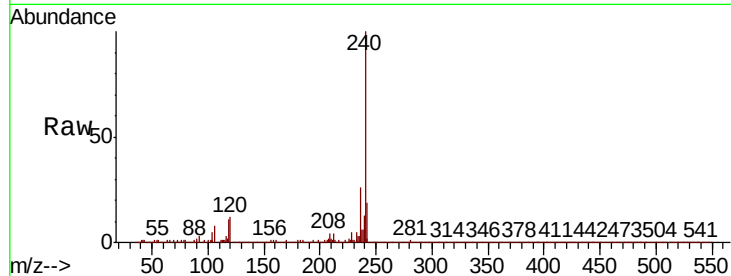
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.11 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BP002321.D
Acq: 29 May 2020 18:36

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

Tot Ion:240 Resp: 1565437
Ion Ratio Lower Upper
240 100
120 11.9 8.7 13.1
236 26.1 21.0 31.4

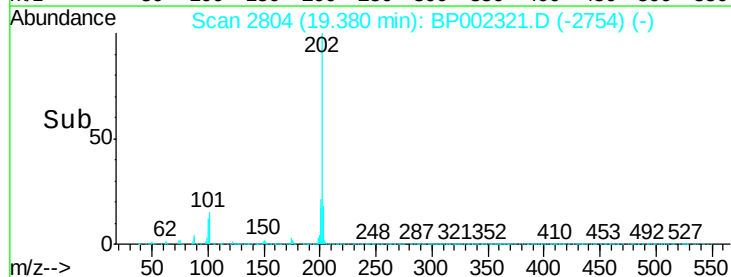
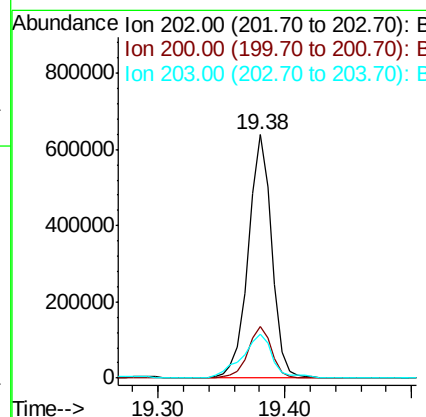
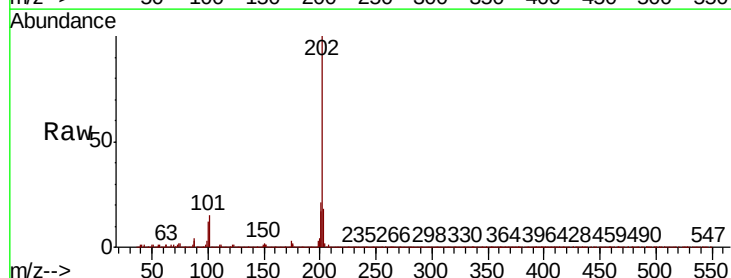
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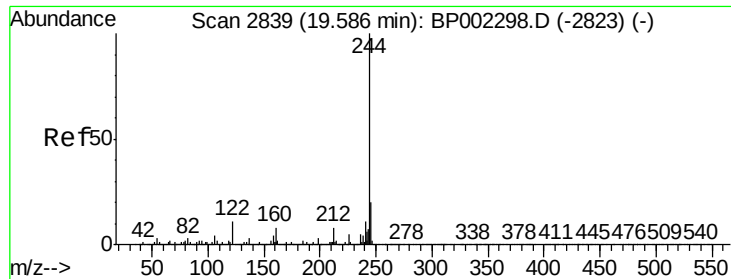
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#78
Pyrene
Concen: 8.416 ng
RT: 19.38 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BP002321.D
Acq: 29 May 2020 18:36

Tgt Ion:202 Resp: 820364
Ion Ratio Lower Upper
202 100
200 21.3 17.3 25.9
203 18.3 13.8 20.6





#79

Terphenyl-d14

Concen: 42.784 ng

RT: 19.59 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BP002321.D

Acq: 29 May 2020 18:36

Instrument :

BNA_P

ClientSampleId :

NM91-COMP-2020-0-6

Tot Ion:244 Resp: 2765631

Ion Ratio Lower Upper

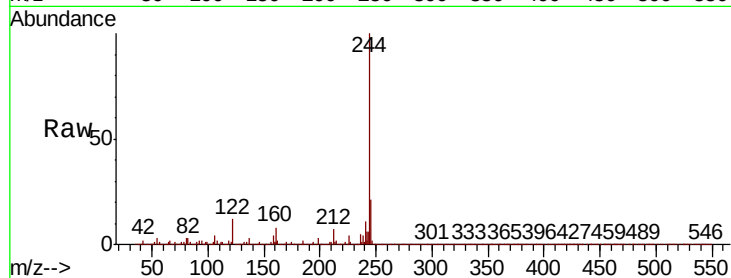
244 100

212 7.4 6.4 9.6

122 11.9 9.4 14.0

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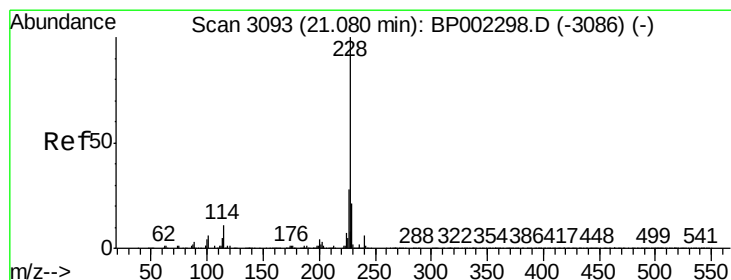
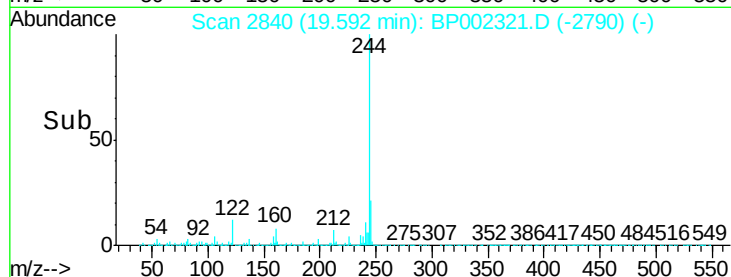
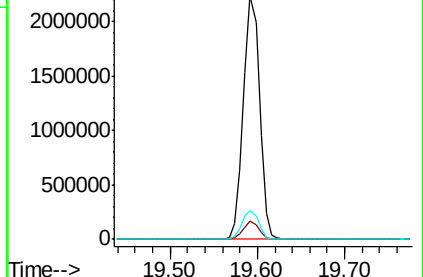
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 4.870 ng

RT: 21.09 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BP002321.D

Acq: 29 May 2020 18:36

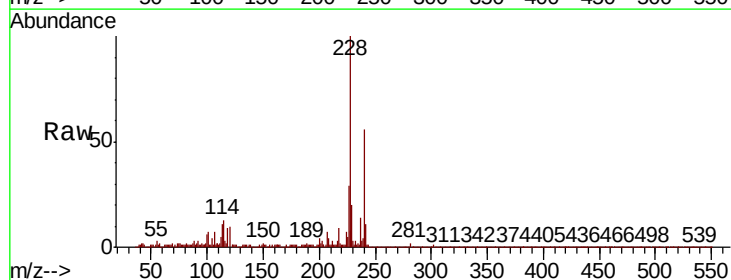
Tgt Ion:228 Resp: 436411

Ion Ratio Lower Upper

228 100

226 28.7 22.7 34.1

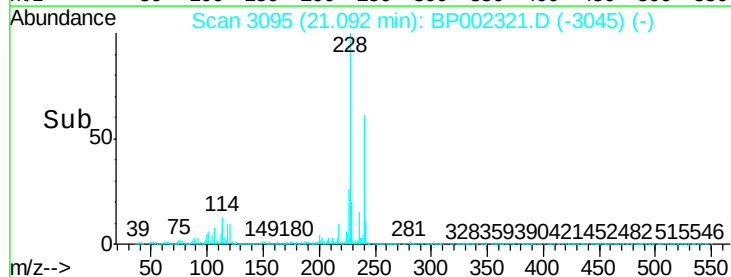
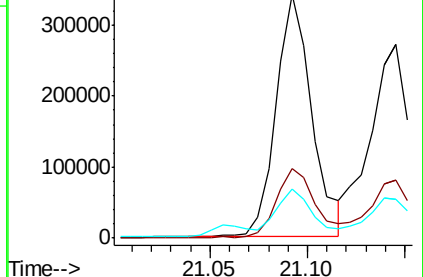
229 19.9 16.3 24.5

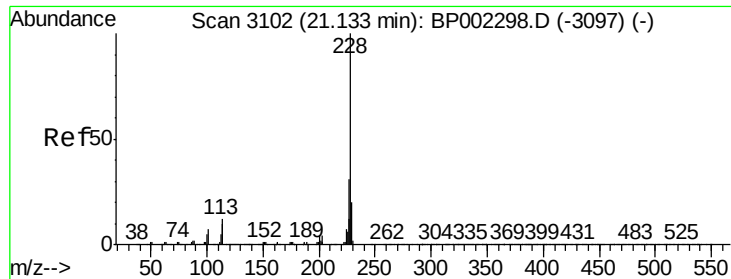


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





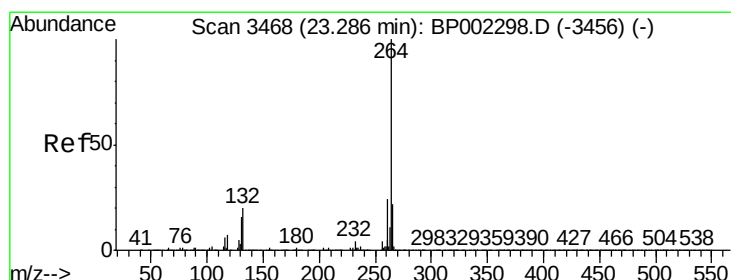
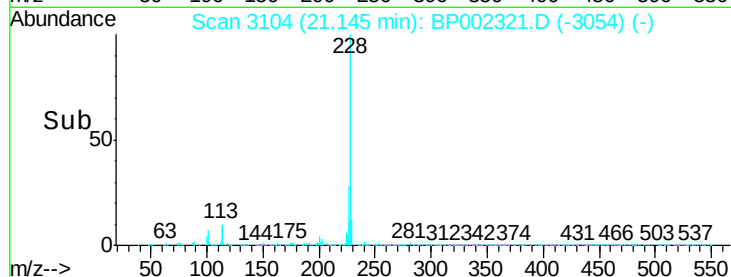
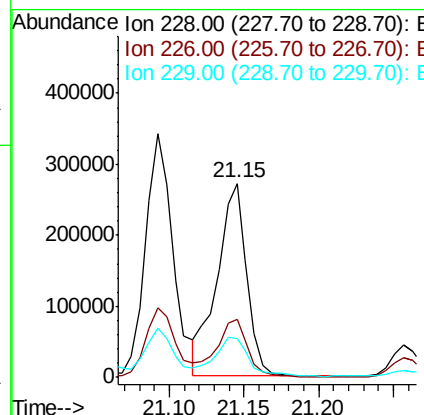
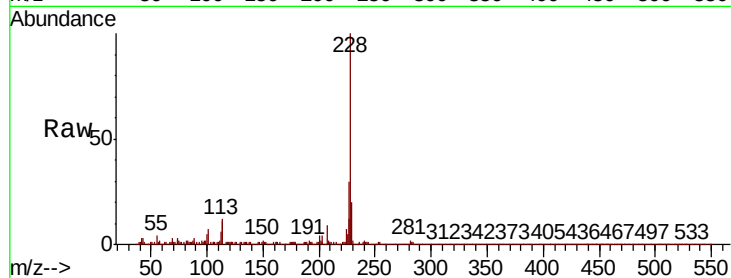
#83
Chrysene
Concen: 4.411 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP002321.D
Acq: 29 May 2020 18:36

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.1		25.0	37.6	
229	20.3		16.2	24.4	

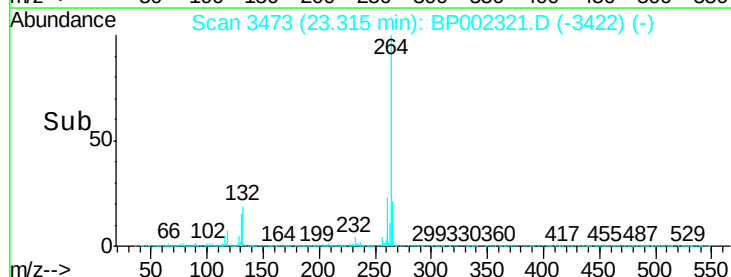
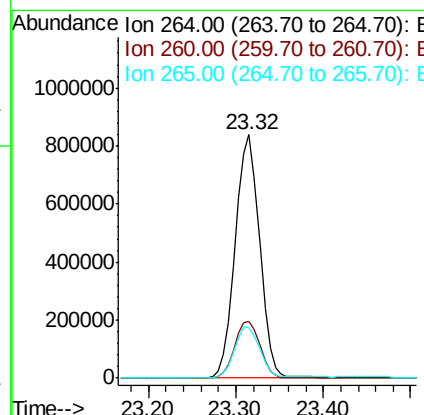
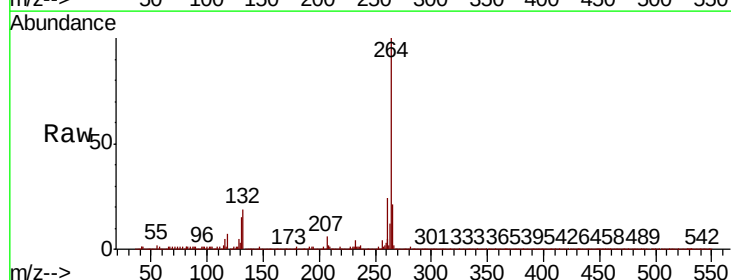
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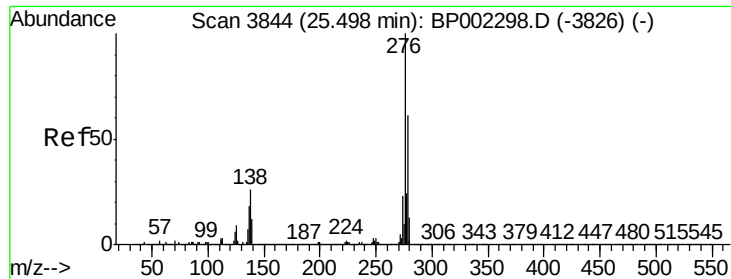
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3473
Delta R.T. -0.00 min
Lab File: BP002321.D
Acq: 29 May 2020 18:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.5		19.4	29.2	
265	20.8		17.8	26.6	





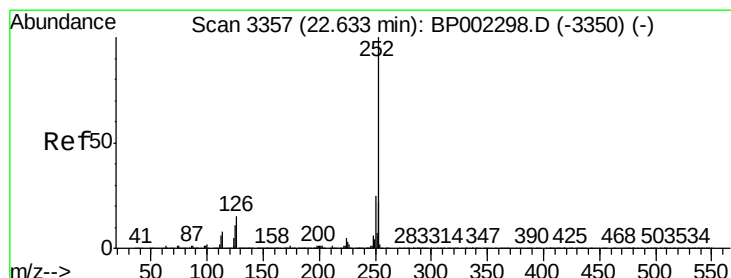
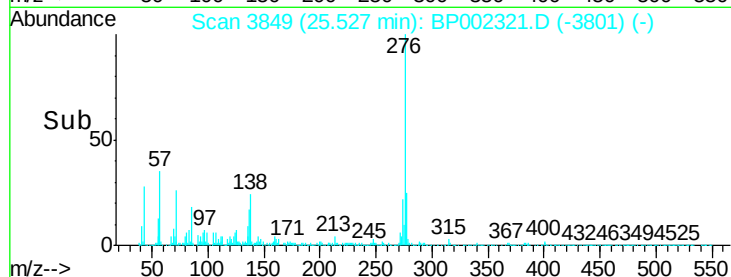
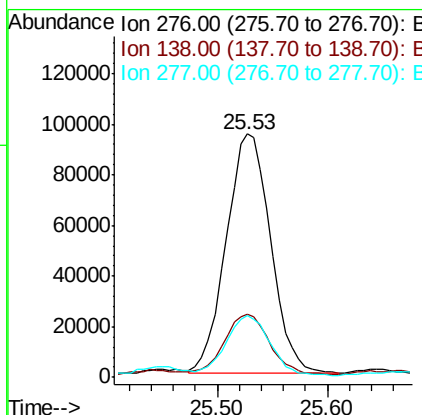
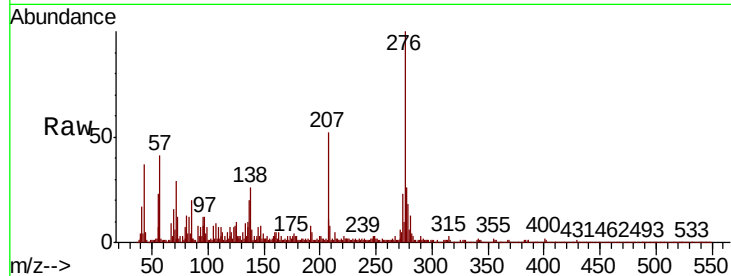
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.722 ng
 RT: 25.53 min Scan# 3849
 Delta R.T. -0.02 min
 Lab File: BP002321.D
 Acq: 29 May 2020 18:36

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

Tot Ion	Ratio	Resp	Lower	Upper
276	100	266599		
138	26.1		18.2	27.4
277	24.3		20.2	30.2

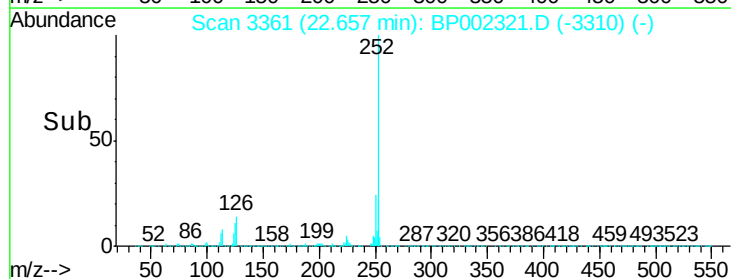
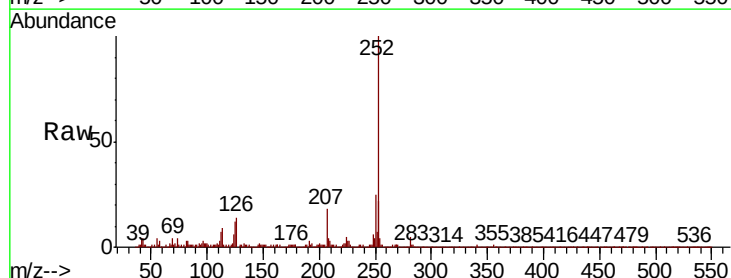
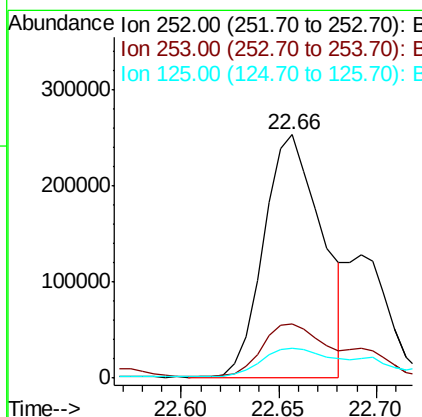
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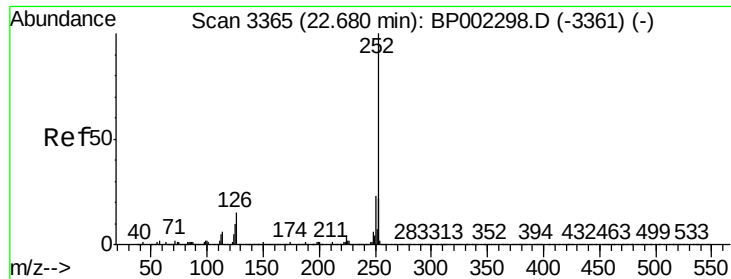
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#88
 Benzo(b)fluoranthene
 Concen: 6.017 ng m
 RT: 22.66 min Scan# 3361
 Delta R.T. -0.00 min
 Lab File: BP002321.D
 Acq: 29 May 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	519092		
253	22.1		18.2	27.2
125	12.2		7.2	10.8#





#89

Benzo(k)fluoranthene

Concen: 2.275 ng/mL

RT: 22.69 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BP002321.D

Acq: 29 May 2020 18:36

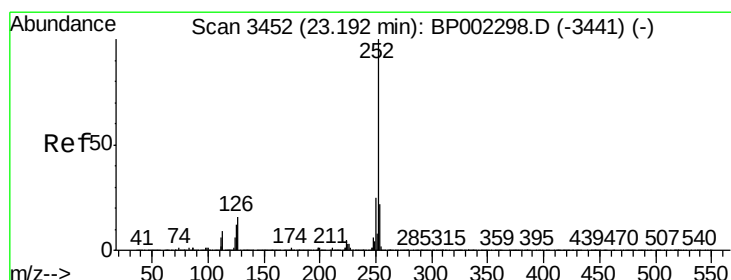
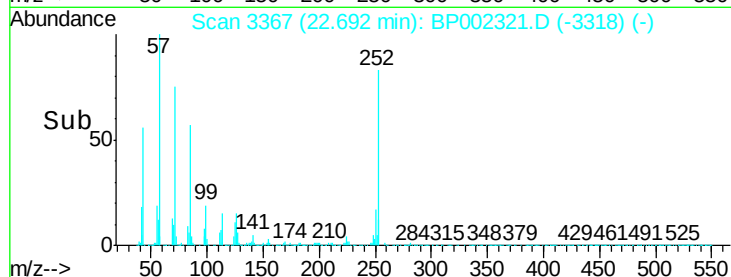
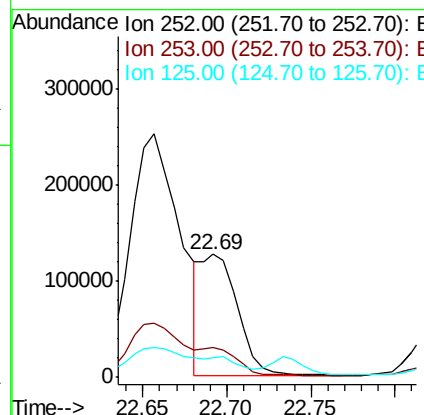
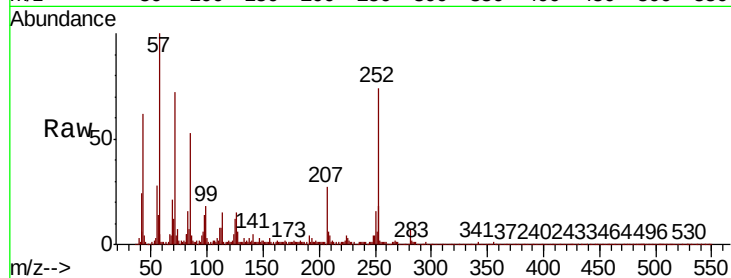
Instrument :
BNA_P

Client Sample ID :
NM91-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	15.8	7.4	11.2

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#90

Benzo(a)pyrene

Concen: 4.884 ng/mL

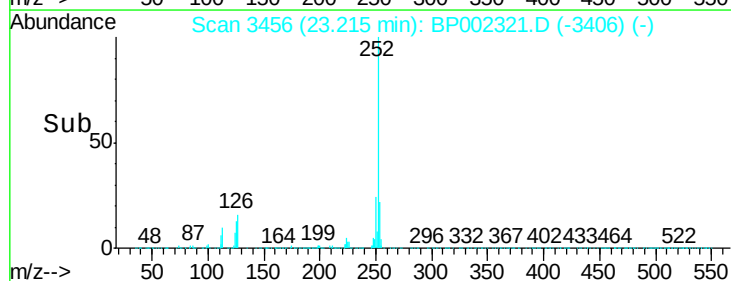
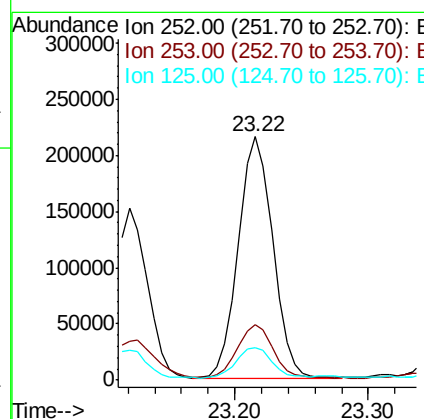
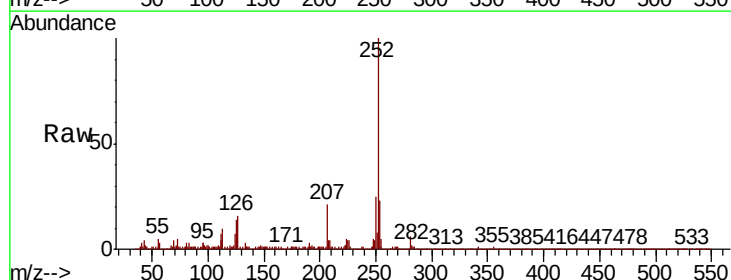
RT: 23.22 min Scan# 3456

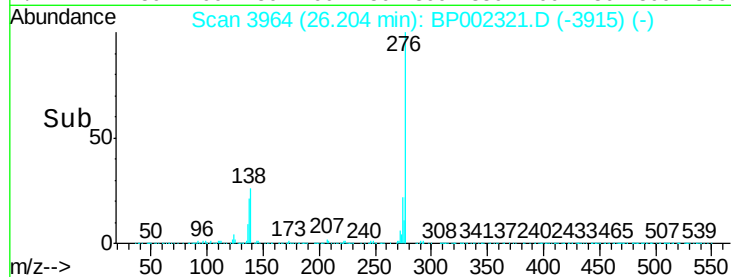
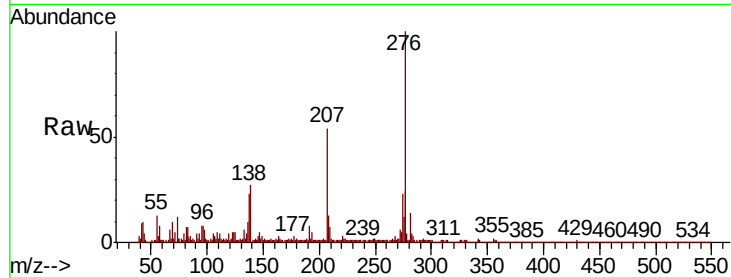
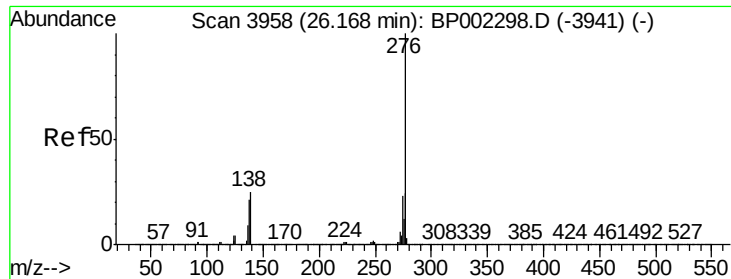
Delta R.T. -0.01 min

Lab File: BP002321.D

Acq: 29 May 2020 18:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	13.5	8.4	12.6





#92
 Benzo(a,h,i)perylene
 Concen: 3.383 ng
 RT: 26.20 min Scan# 3964
 Delta R.T. -0.01 min
 Lab File: BP002321.D
 Acq: 29 May 2020 18:36

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

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.6	18.6	28.0
138	27.1	16.0	24.0

Manual Integrations
 APPROVED

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