

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
 Data File : BP002340.D
 Acq On : 01 Jun 2020 15:44
 Operator : CG/JU
 Sample : L2744-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM79-COMP-2020-0-6

Manual Integrations
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mohammad
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Quant Time: Jun 01 16:17:37 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	296751	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1222944	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	734155	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1561323	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1340462	20.00	ng	0.00
86) Perylene-d12	23.32	264	1396377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1763391	111.60	ng	0.00
7) Phenol-d6	6.80	99	2405929	111.94	ng	0.00
23) Nitrobenzene-d5	8.75	82	1595267	78.43	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	800982	115.12	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3298302	79.27	ng	0.00
79) Terphenyl-d14	19.60	244	4171538	75.36	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.72	163	542936	10.926	ng	99
71) Phenanthrene	17.05	178	286094	3.868	ng	99
75) Fluoranthene	19.04	202	732711	8.602	ng	99
78) Pyrene	19.39	202	722560	8.657	ng	98
81) Benzo(a)anthracene	21.10	228	391305	5.100	ng	98
83) Chrysene	21.15	228	358520	4.868	ng	97
87) Indeno(1,2,3-cd)pyrene	25.54	276	252864	2.926	ng	98
88) Benzo(b)fluoranthene	22.66	252	511015m	6.712	ng	
89) Benzo(k)fluoranthene	22.70	252	171212m	2.344	ng	
90) Benzo(a)pyrene	23.23	252	369800	5.237	ng	# 96
92) Benzo(g,h,i)perylene	26.22	276	253912	3.532	ng	# 88

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

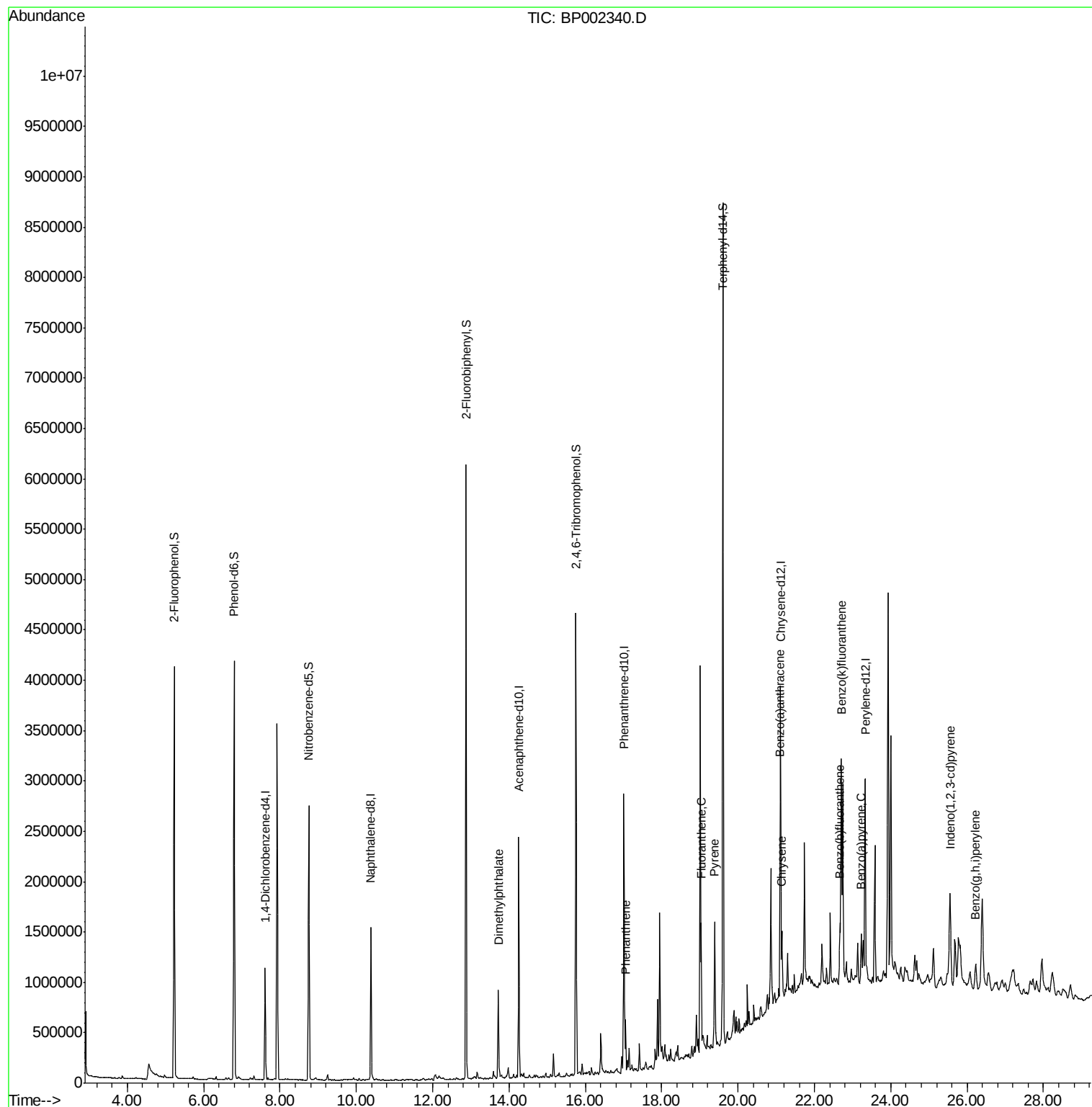
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002340.D
Acq On : 01 Jun 2020 15:44
Operator : CG/JU
Sample : L2744-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

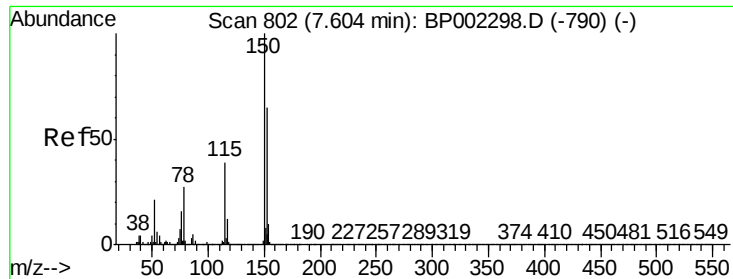
Instrument :
BNA_P
ClientSampleId :
NM79-COMP-2020-0-6

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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

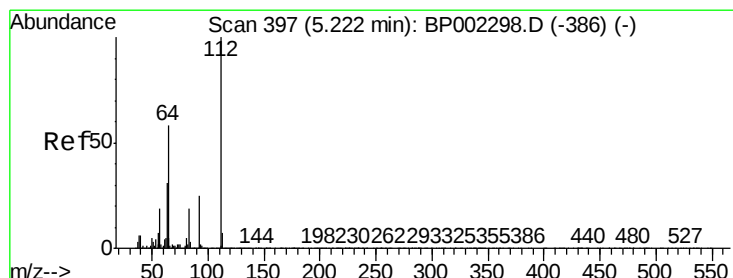
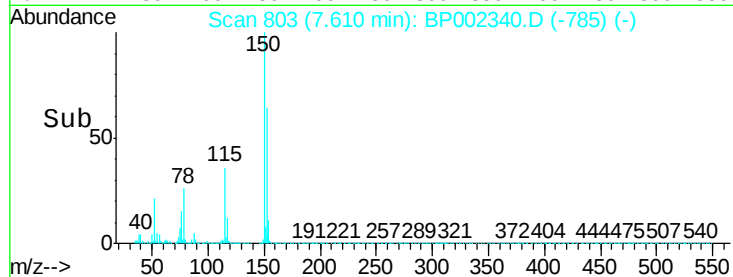
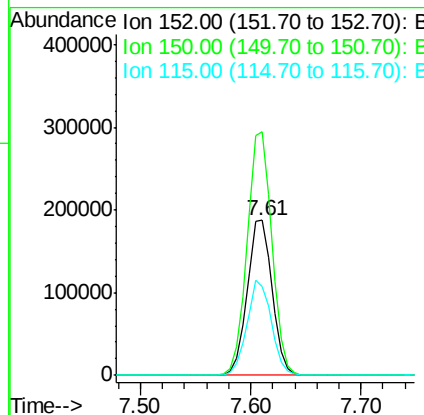
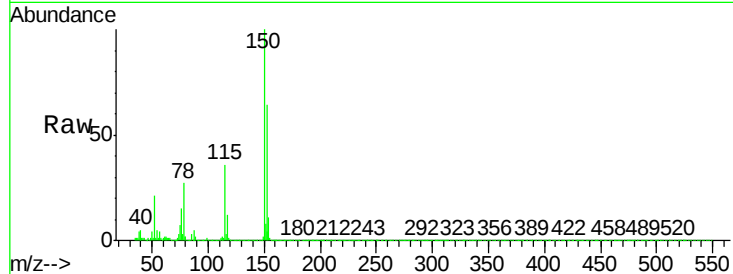
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP002340.D
Acq: 01 Jun 2020 15:44

Instrument :
BNA_P
ClientSampleId :
NM79-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.7	187.1
115	57.4	49.4	74.2

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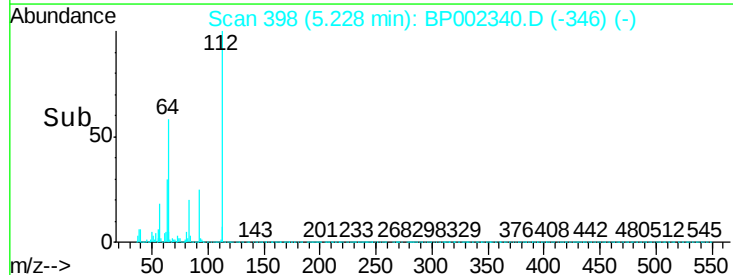
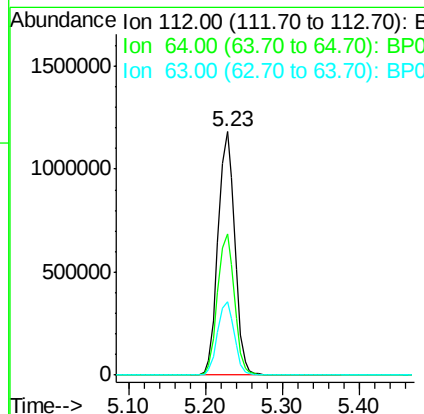
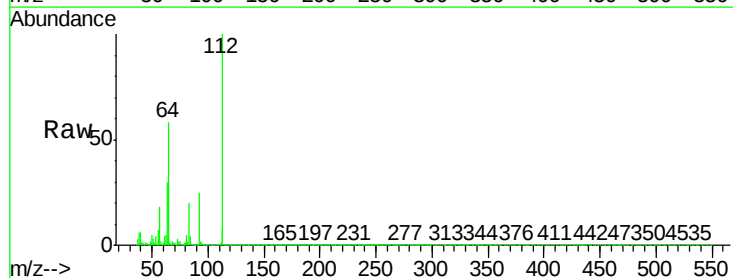
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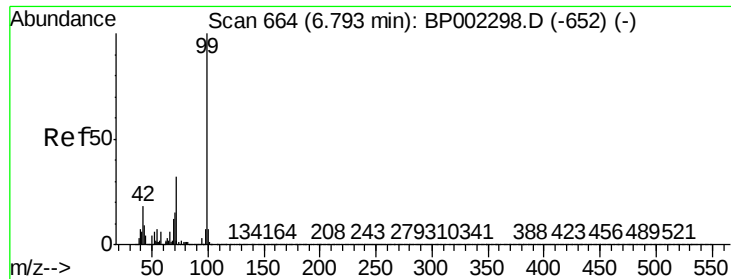


#5

2-Fluorophenol
Concen: 111.605 ng
RT: 5.23 min Scan# 398
Delta R.T. 0.01 min
Lab File: BP002340.D
Acq: 01 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.0	70.4
63	30.3	24.0	36.0





#7

Phenol-d6

Concen: 111.937 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002340.D

Acq: 01 Jun 2020 15:44

Instrument :

BNA_P

ClientSampleId :

NM79-COMP-2020-0-6

Tot Ion: 99 Resp: 2405929

Ion Ratio Lower Upper

99 100

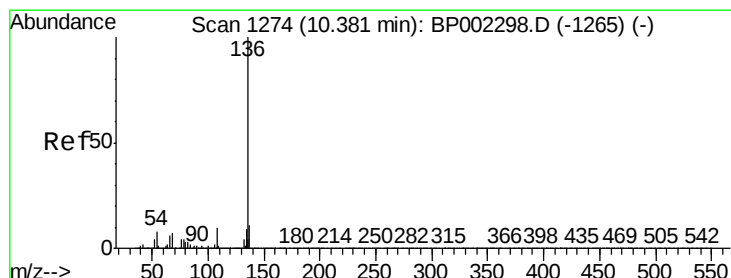
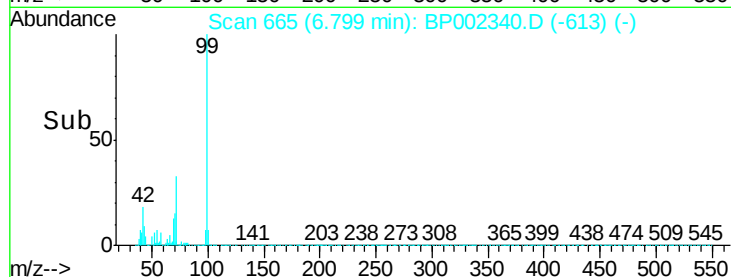
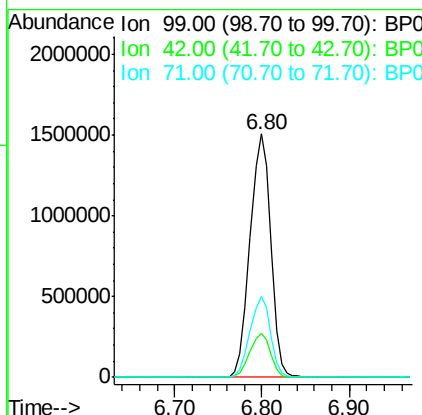
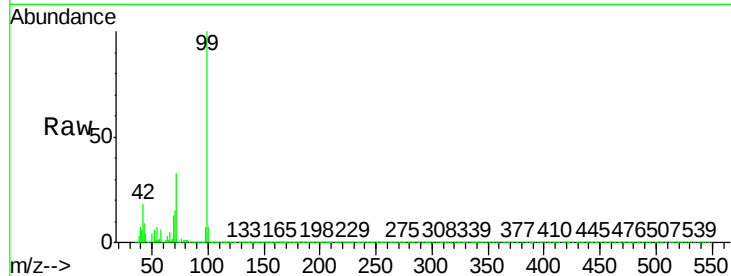
42 17.9 13.9 20.9

71 33.5 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: BP002340.D

Acq: 01 Jun 2020 15:44

Tgt Ion: 136 Resp: 1222944

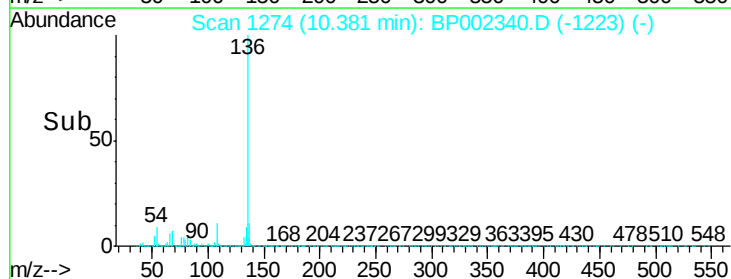
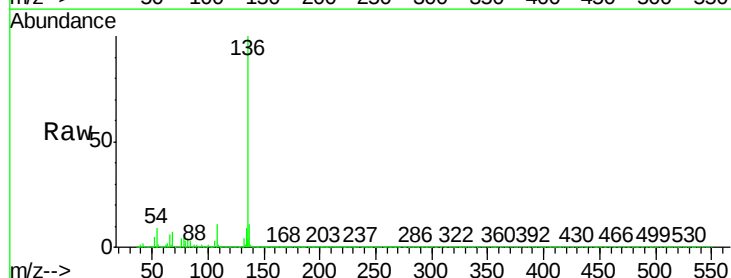
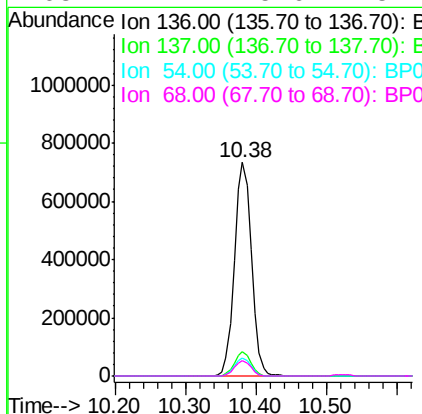
Ion Ratio Lower Upper

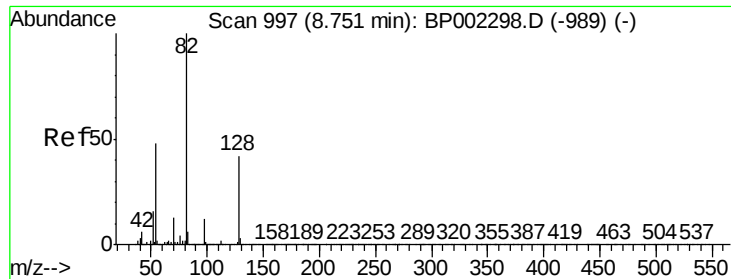
136 100

137 11.3 8.8 13.2

54 8.6 6.9 10.3

68 7.2 5.6 8.4





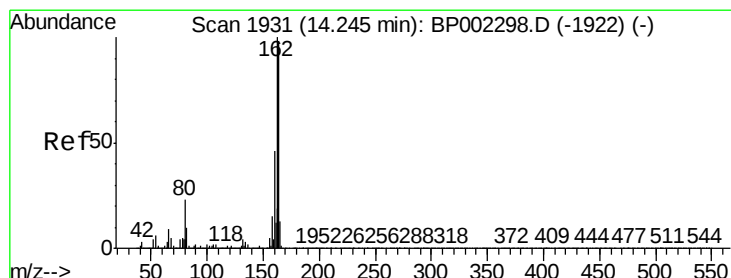
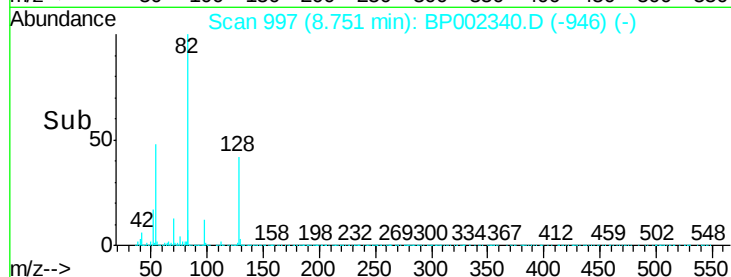
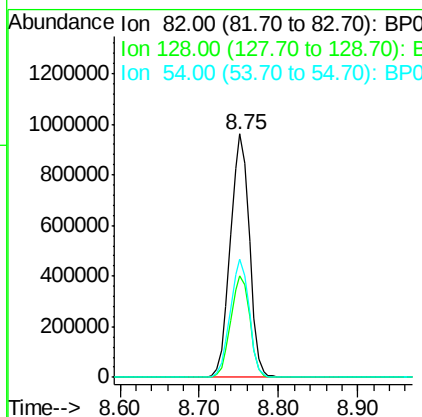
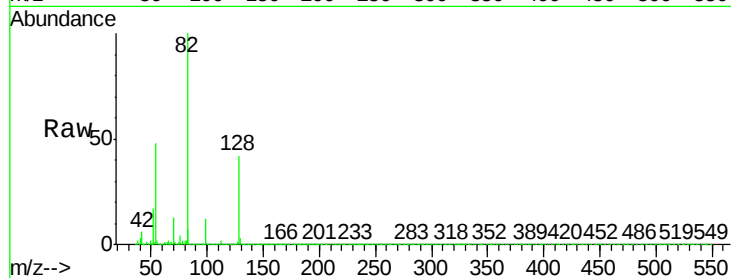
#23
Nitrobenzene-d5
Concen: 78.427 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.00 min
Lab File: BP002340.D
Acq: 01 Jun 2020 15:44

Instrument :
BNA_P
ClientSampleId :
NM79-COMP-2020-0-6

Tot Ion	82	Resp	1595267
Ion Ratio	100	Lower	Upper
82	100		
128	41.9	33.4	50.0
54	48.3	38.3	57.5

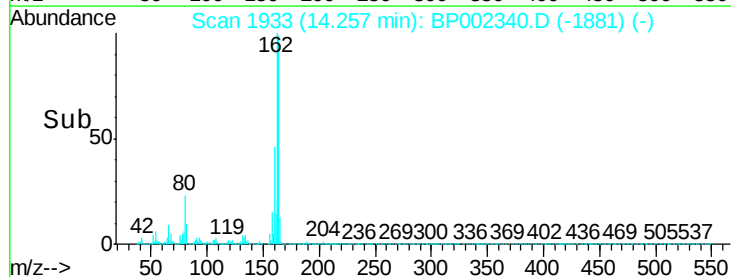
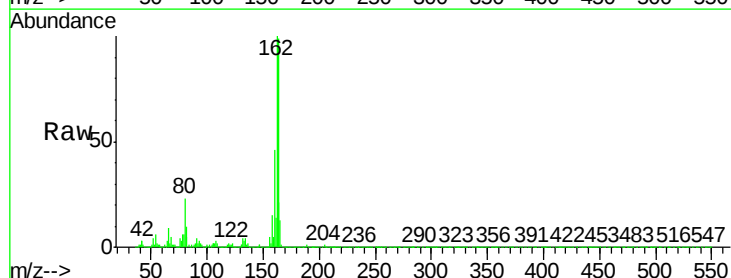
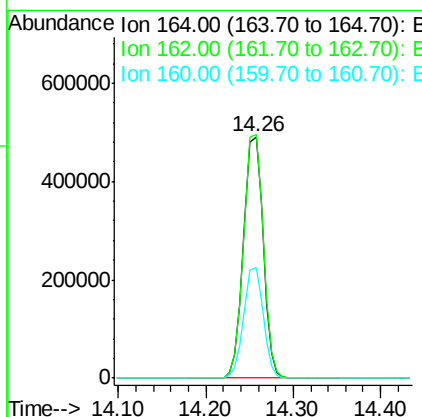
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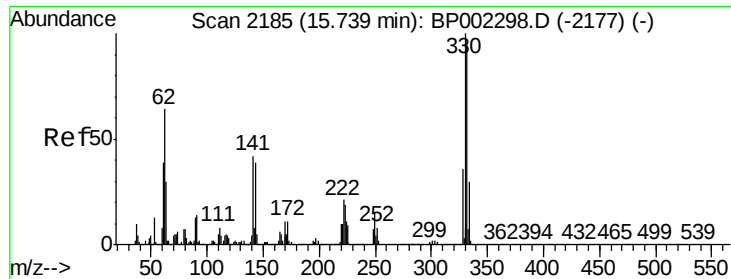
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1933
Delta R.T. 0.01 min
Lab File: BP002340.D
Acq: 01 Jun 2020 15:44

Tgt Ion	164	Resp	734155
Ion Ratio	100	Lower	Upper
164	100		
162	101.0	81.3	121.9
160	46.0	37.2	55.8





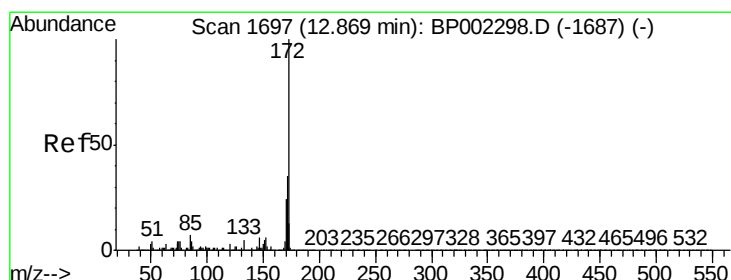
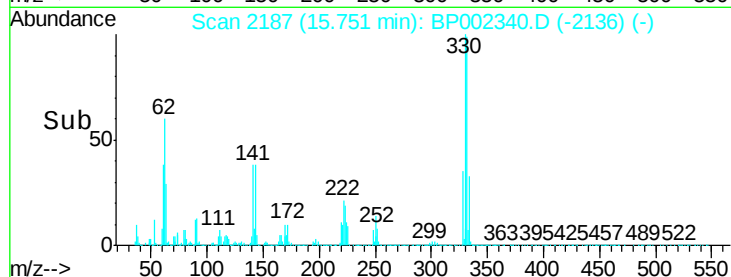
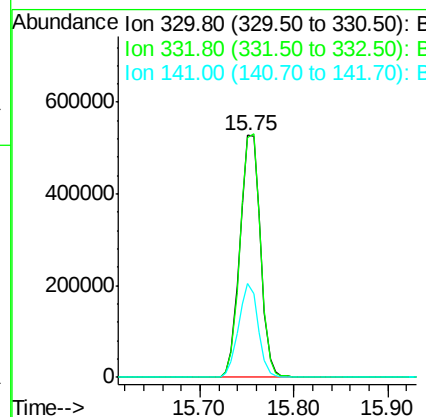
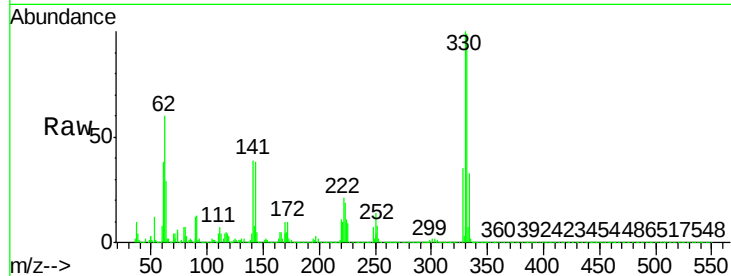
#42
2,4,6-Tribromophenol
Concen: 115.117 ng
RT: 15.75 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BP002340.D
Acq: 01 Jun 2020 15:44

Instrument :
BNA_P
ClientSampleId :
NM79-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	800982		
332	99.6	76.9	115.3	
141	37.0	31.4	47.2	

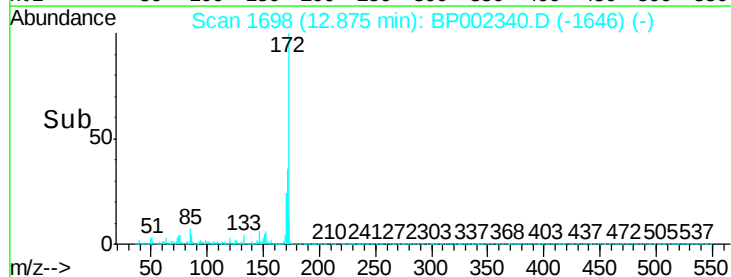
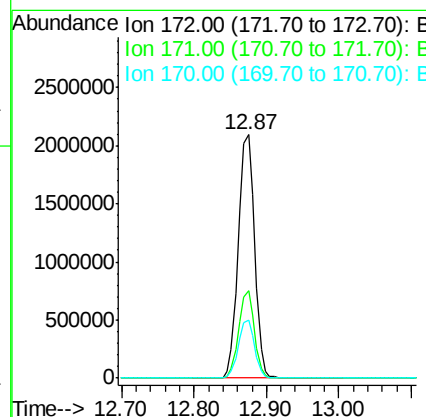
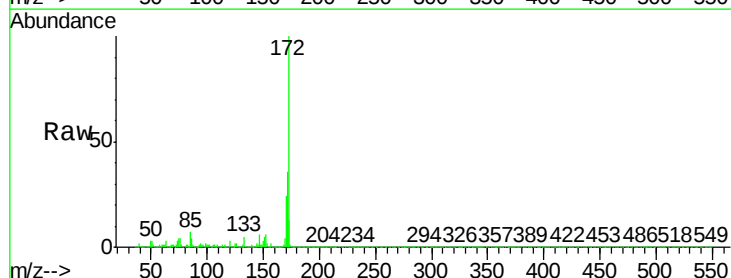
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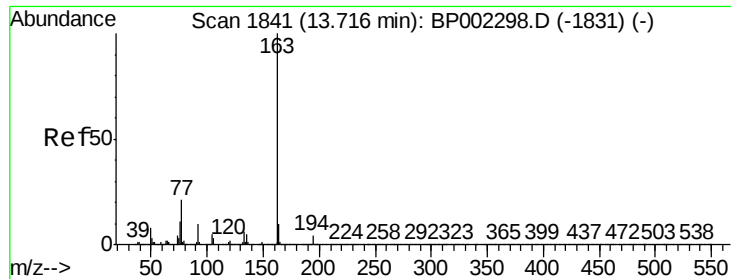
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#45
2-Fluorobiphenyl
Concen: 79.274 ng
RT: 12.87 min Scan# 1698
Delta R.T. 0.01 min
Lab File: BP002340.D
Acq: 01 Jun 2020 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3298302		
171	35.7	27.6	41.4	
170	23.7	18.9	28.3	





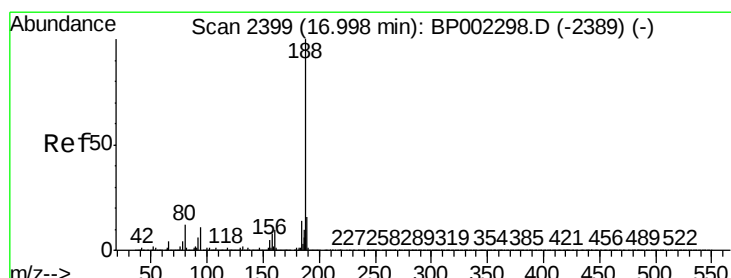
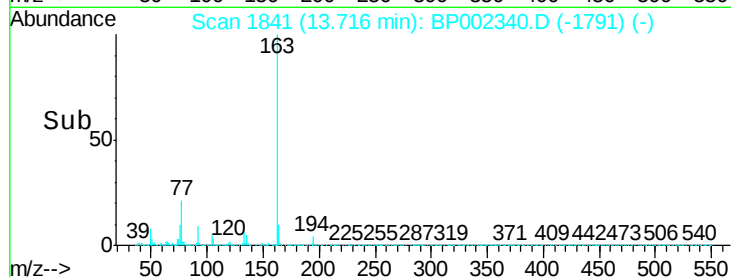
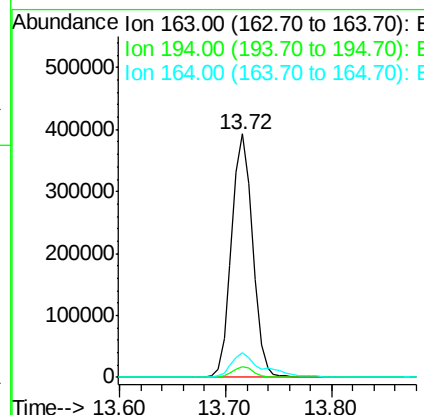
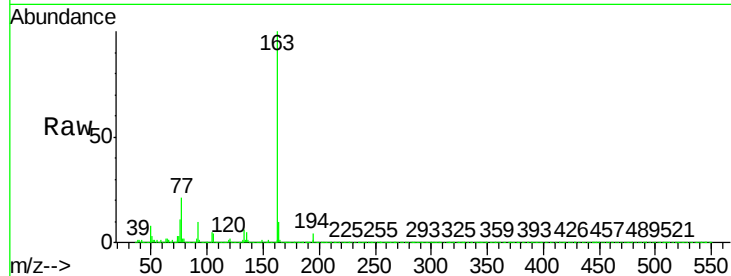
#50
Dimethylphthalate
Concen: 10.926 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002340.D
Acq: 01 Jun 2020 15:44

Instrument :
BNA_P
ClientSampleId :
NM79-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.3	8.1	12.1

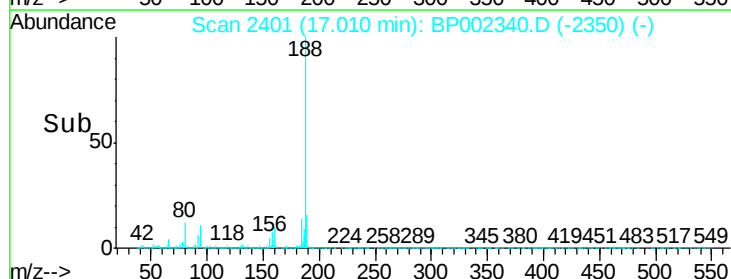
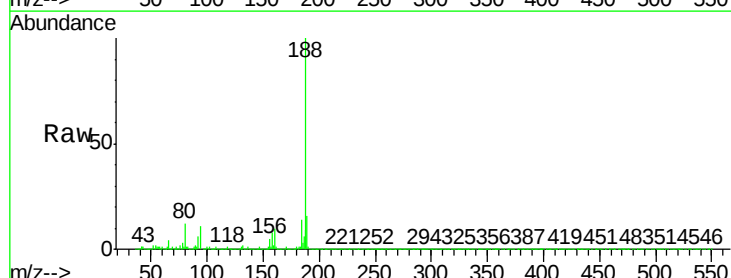
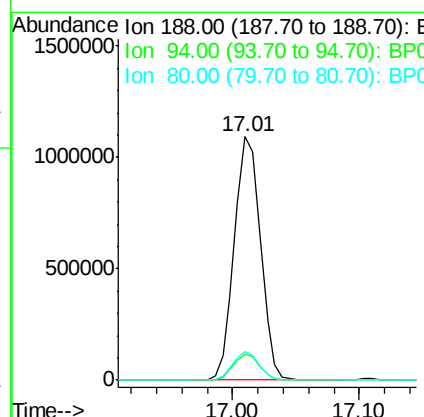
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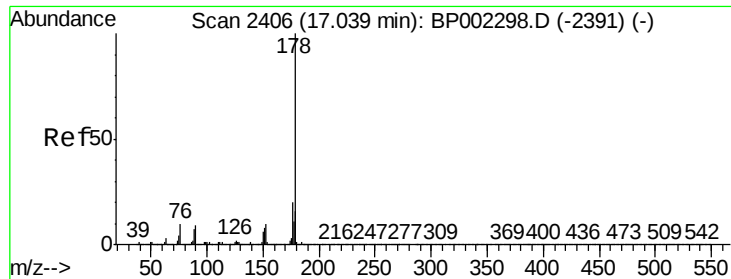
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BP002340.D
Acq: 01 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.7	13.1
80	11.6	9.3	13.9





#71

Phenanthrene

Concen: 3.868 ng

RT: 17.05 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BP002340.D

Acq: 01 Jun 2020 15:44

Instrument :

BNA_P

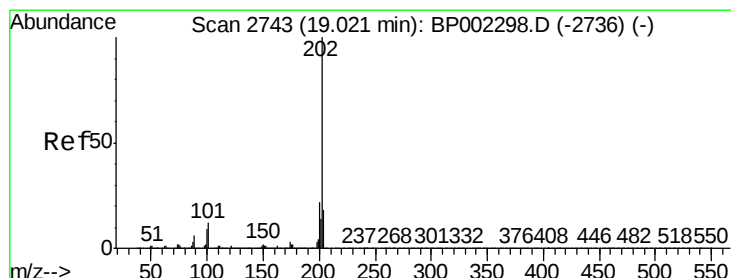
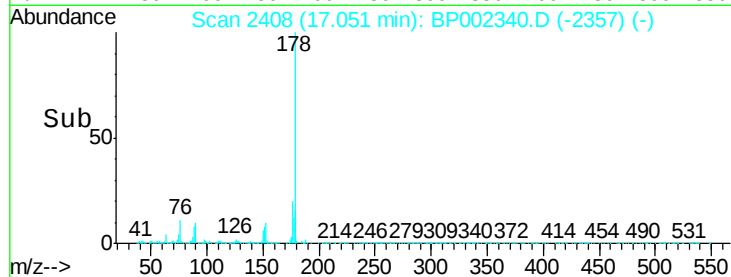
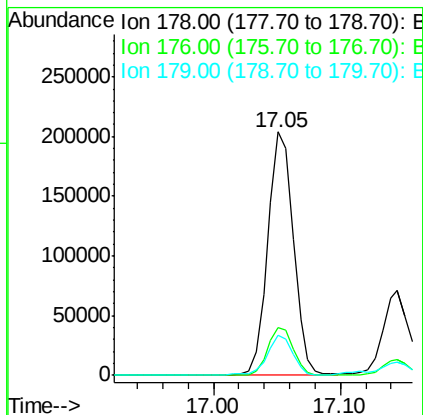
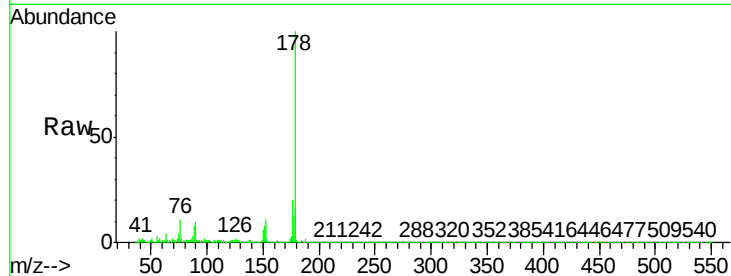
ClientSampleId :

NM79-COMP-2020-0-6

Tot Ion:	178	Resp:	286094
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.8	23.8
179	16.5	12.6	18.8

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#75

Fluoranthene

Concen: 8.602 ng

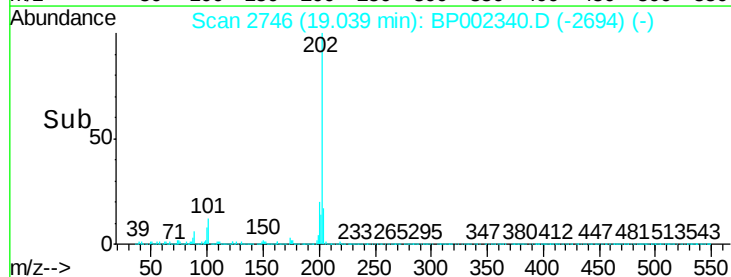
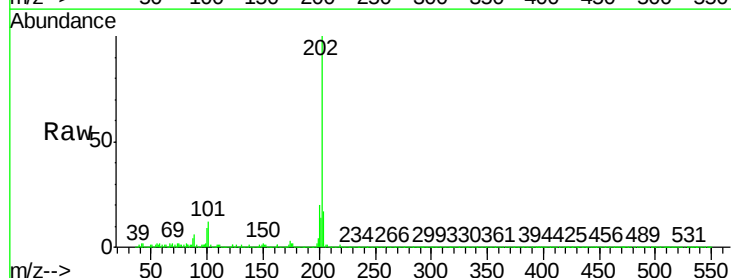
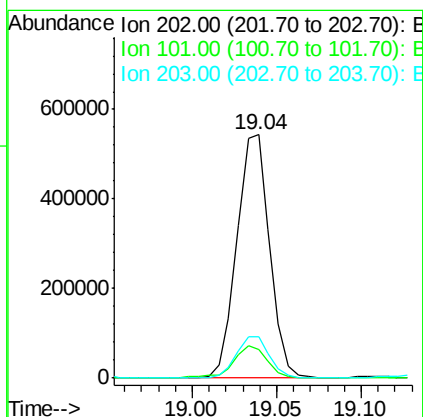
RT: 19.04 min Scan# 2746

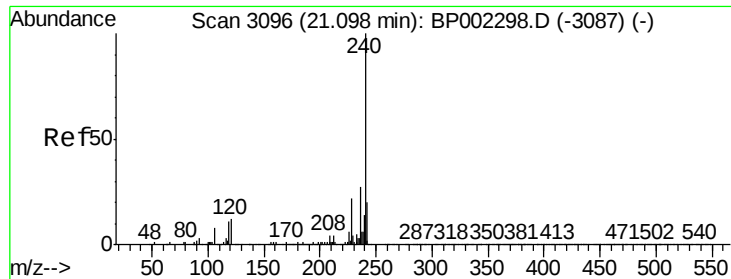
Delta R.T. 0.01 min

Lab File: BP002340.D

Acq: 01 Jun 2020 15:44

Tgt Ion:	202	Resp:	732711
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	32.1
203	17.1	0.0	37.6





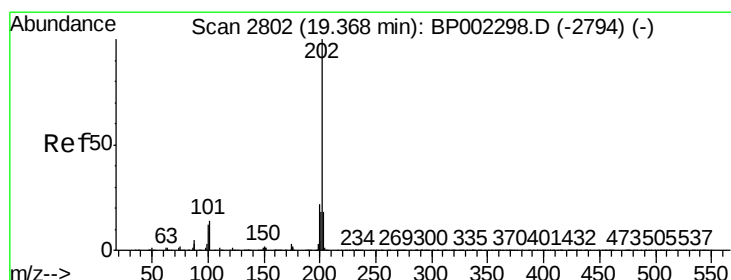
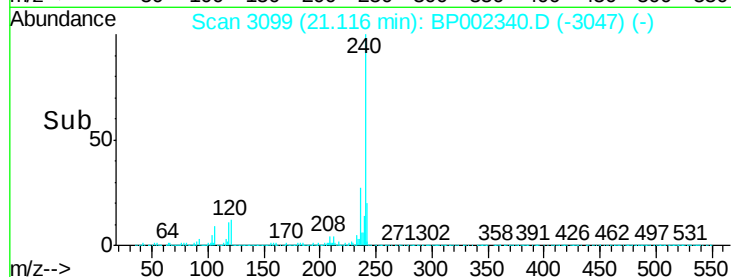
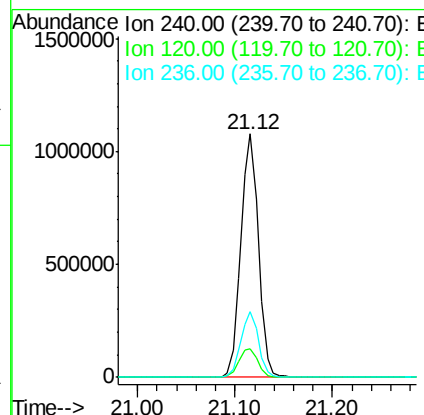
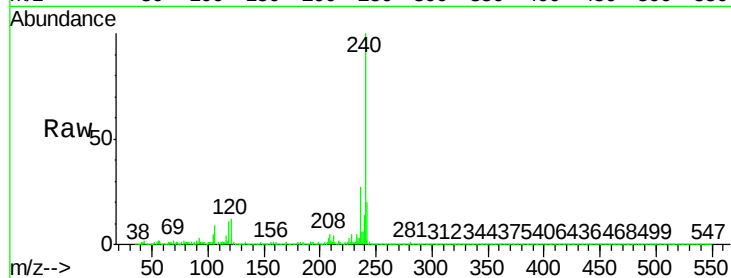
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.12 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BP002340.D
Acq: 01 Jun 2020 15:44

Instrument :
BNA_P
ClientSampleId :
NM79-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.7	13.1
236	27.0	21.0	31.4

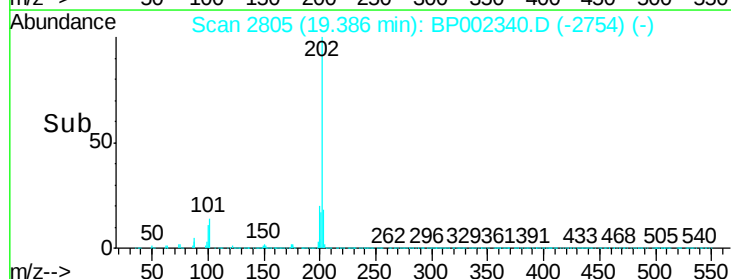
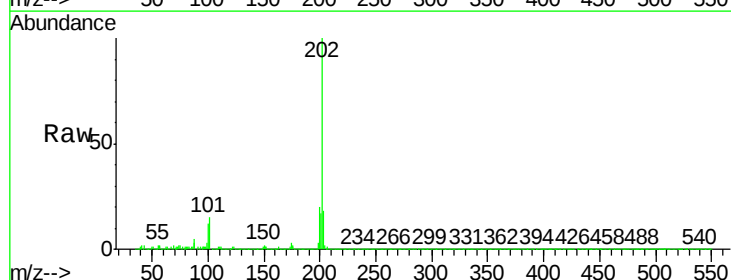
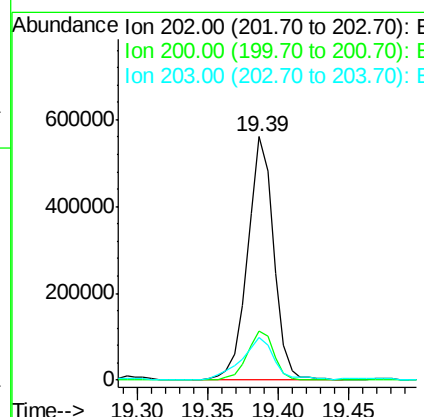
Manual Integrations
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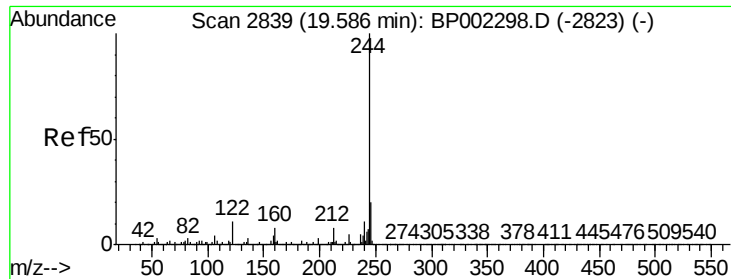
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#78
Pyrene
Concen: 8.657 ng
RT: 19.39 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BP002340.D
Acq: 01 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.3	25.9
203	17.7	13.8	20.6





#79

Terphenyl-d14

Concen: 75.364 ng

RT: 19.60 min Scan# 2842

Delta R.T. 0.01 min

Lab File: BP002340.D

Acq: 01 Jun 2020 15:44

Instrument :

BNA_P

ClientSampleId :

NM79-COMP-2020-0-6

Tot Ion:244 Resp: 4171538

Ion Ratio Lower Upper

244 100

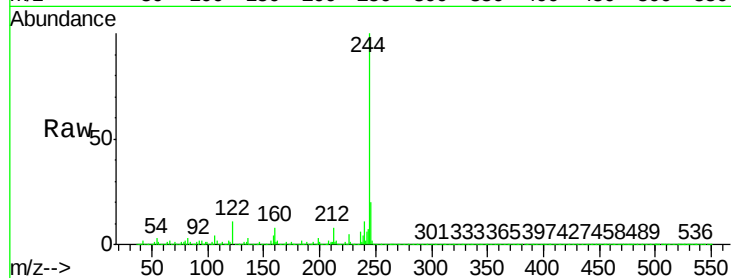
212 7.9 6.4 9.6

122 10.9 9.4 14.0

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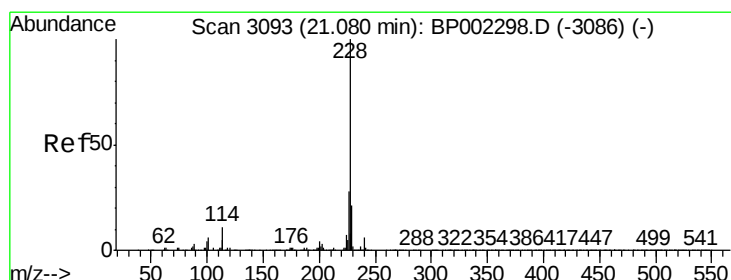
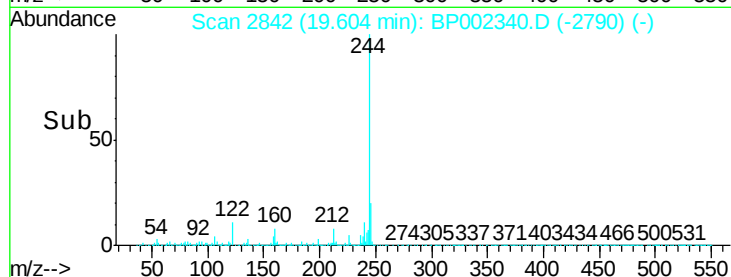
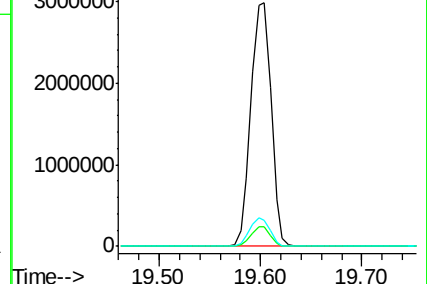
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 5.100 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BP002340.D

Acq: 01 Jun 2020 15:44

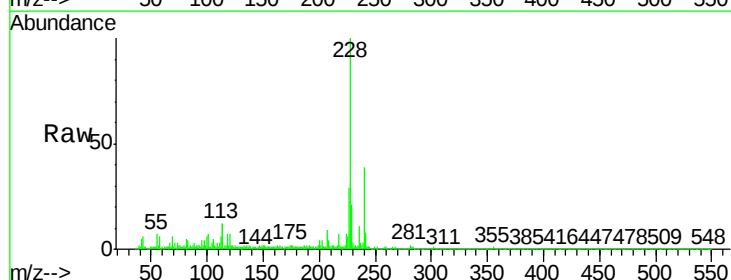
Tgt Ion:228 Resp: 391305

Ion Ratio Lower Upper

228 100

226 29.4 22.7 34.1

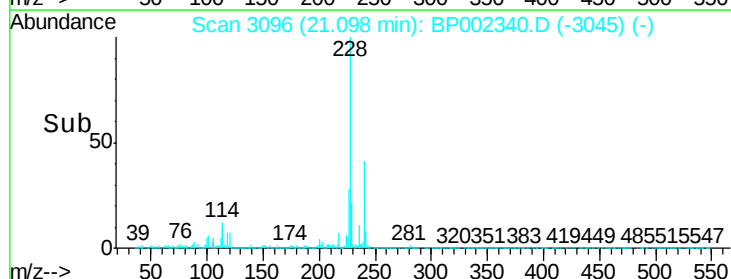
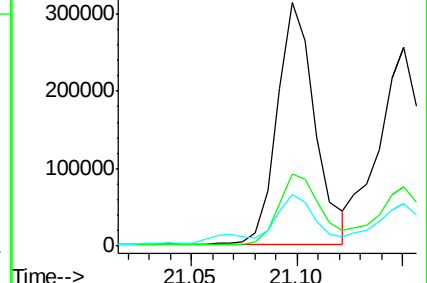
229 21.1 16.3 24.5

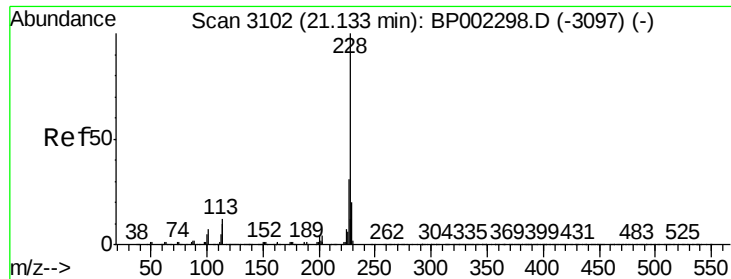


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





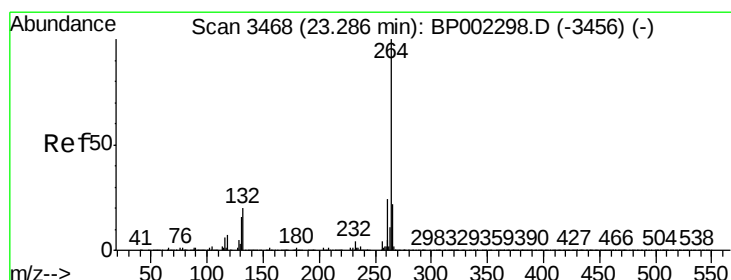
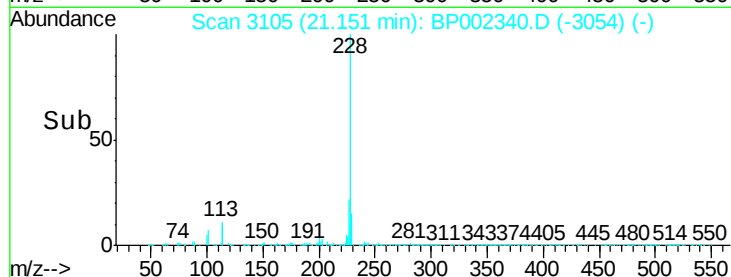
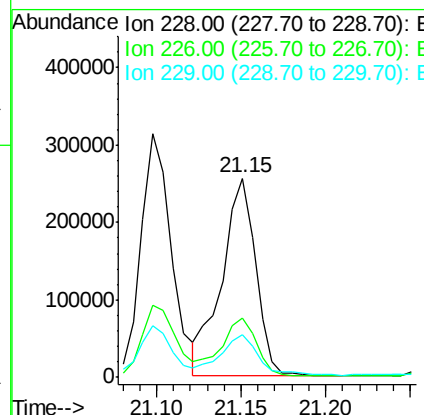
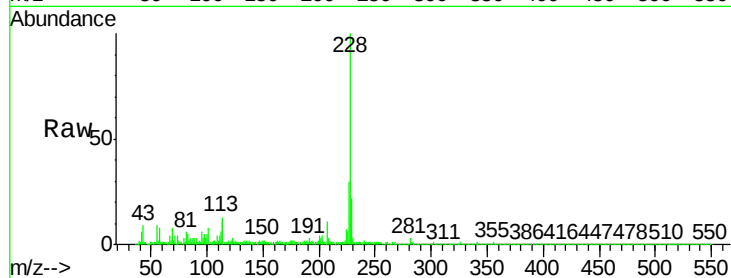
#83
Chrysene
Concen: 4.868 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BP002340.D
Acq: 01 Jun 2020 15:44

Instrument :
BNA_P
ClientSampleId :
NM79-COMP-2020-0-6

Tot Ion:	228	Resp:	358520
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.0	37.6
229	21.6	16.2	24.4

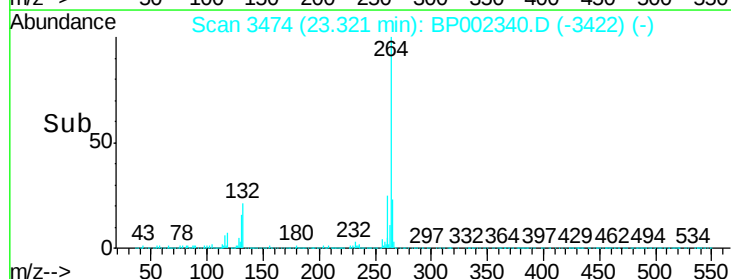
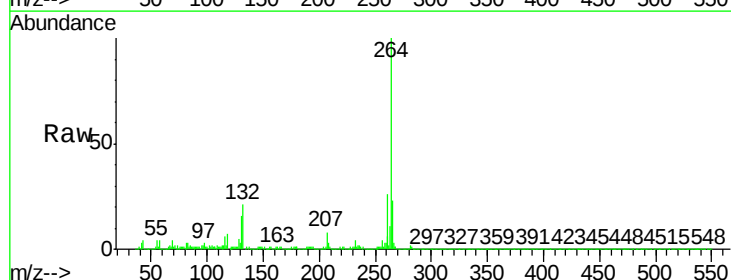
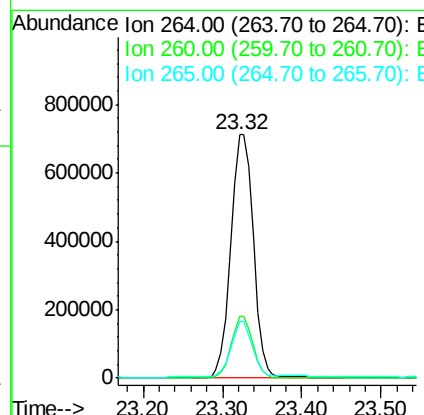
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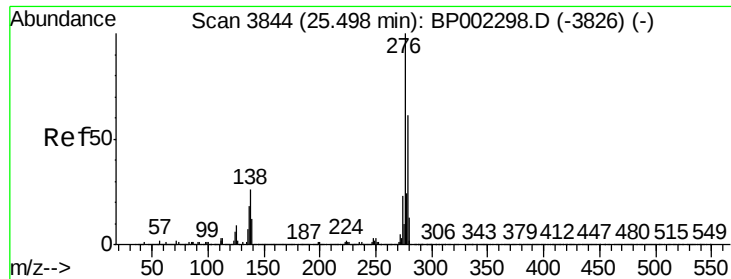
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BP002340.D
Acq: 01 Jun 2020 15:44

Tgt Ion:	264	Resp:	1396377
Ion Ratio	Lower	Upper	
264	100		
260	25.6	19.4	29.2
265	23.1	17.8	26.6





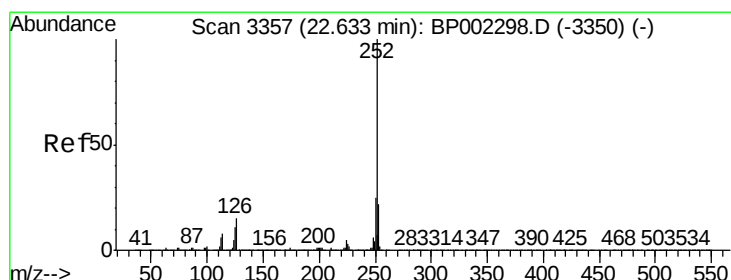
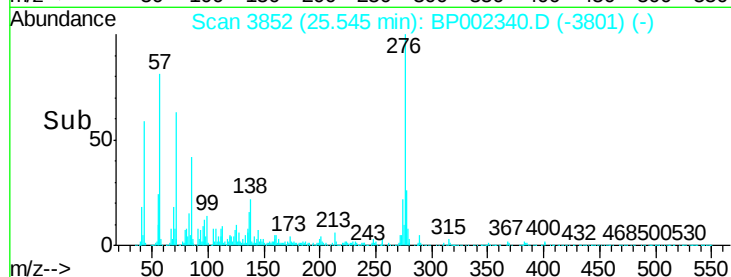
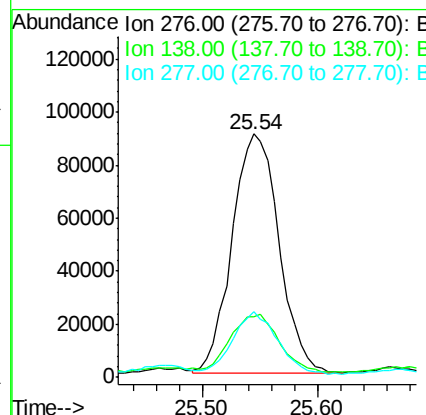
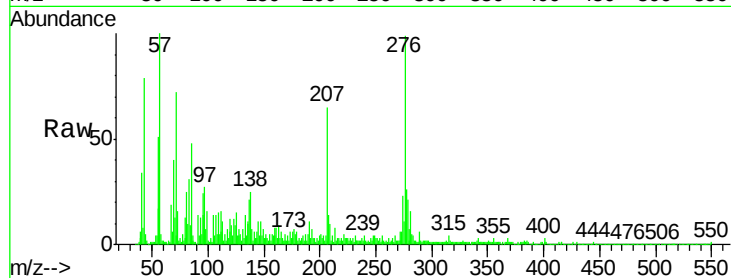
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.926 ng
 RT: 25.54 min Scan# 3852
 Delta R.T. -0.00 min
 Lab File: BP002340.D
 Acq: 01 Jun 2020 15:44

Instrument :
 BNA_P
 ClientSampleId :
 NM79-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	18.2	27.4
277	25.3	20.2	30.2

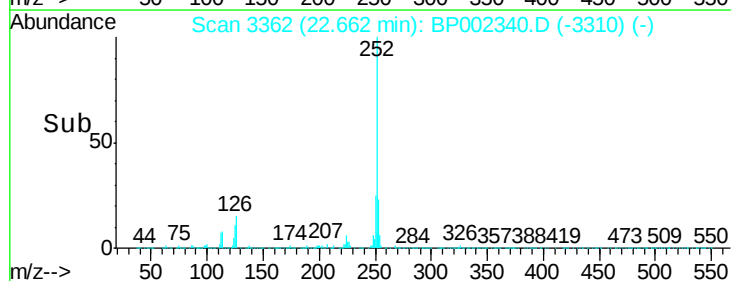
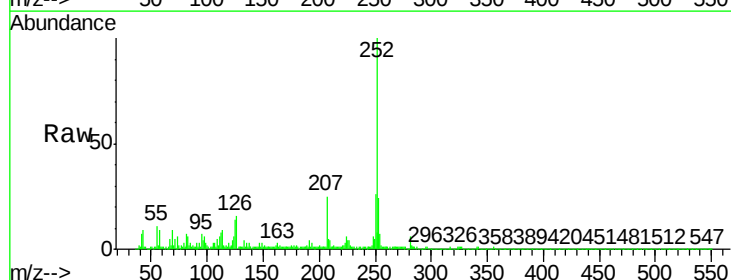
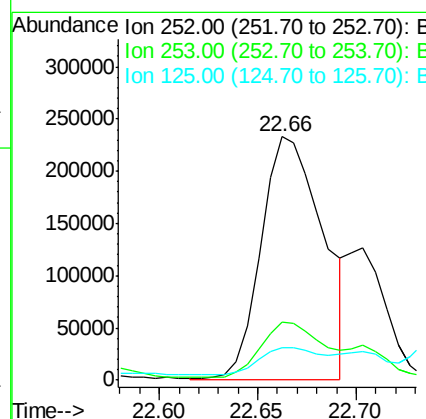
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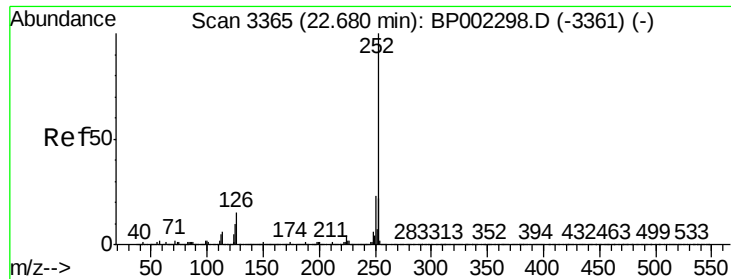
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#88
 Benzo(b)fluoranthene
 Concen: 6.712 ng m
 RT: 22.66 min Scan# 3362
 Delta R.T. 0.01 min
 Lab File: BP002340.D
 Acq: 01 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	13.5	7.2	10.8





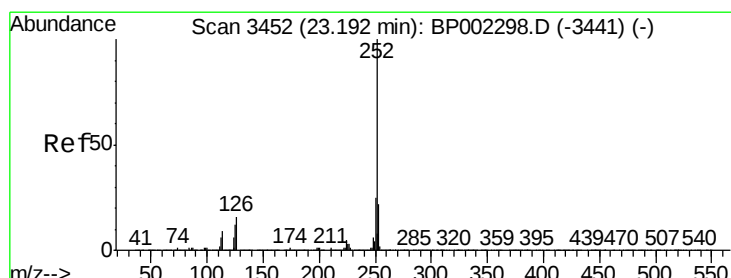
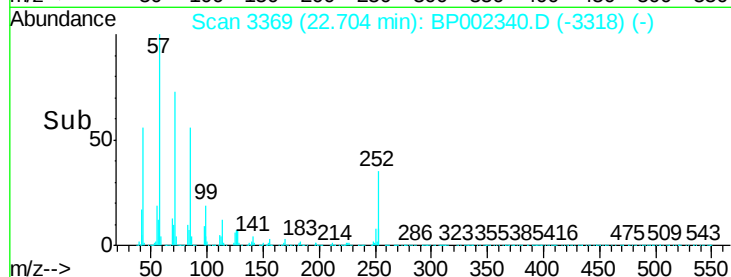
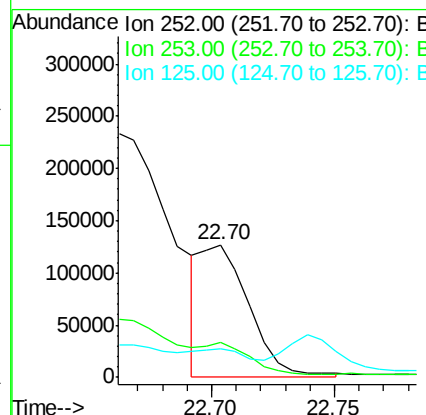
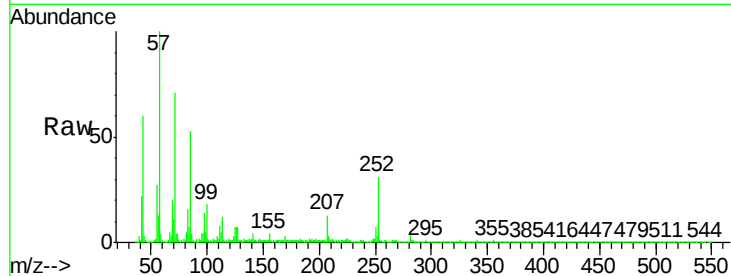
#89
Benzo(k)fluoranthene
Concen: 2.344 ng m
RT: 22.70 min Scan# 3369
Delta R.T. -0.00 min
Lab File: BP002340.D
Acq: 01 Jun 2020 15:44

Instrument :
BNA_P
ClientSampleId :
NM79-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.9	26.9
125	22.0	7.4	11.2

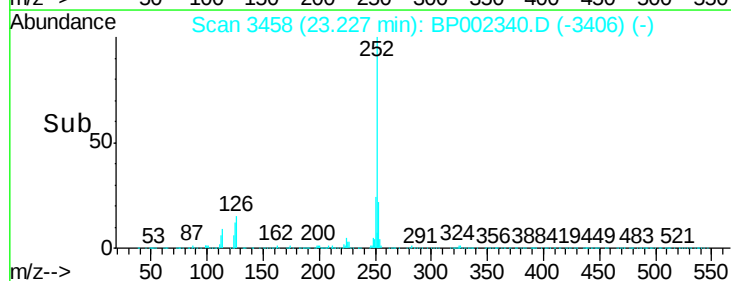
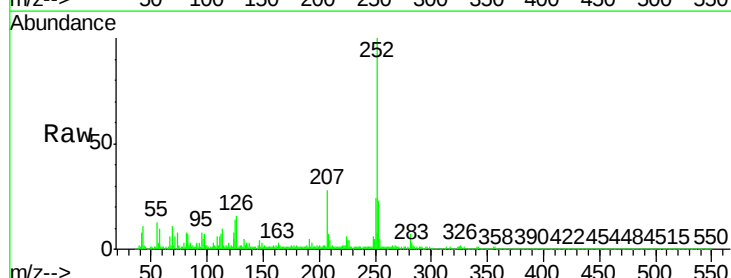
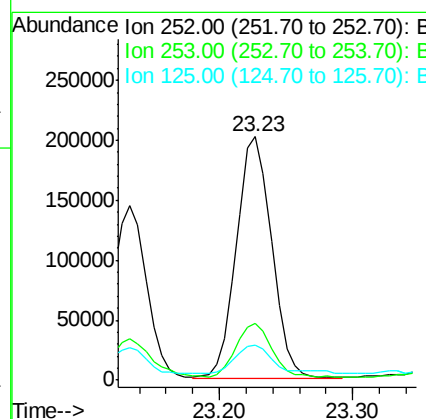
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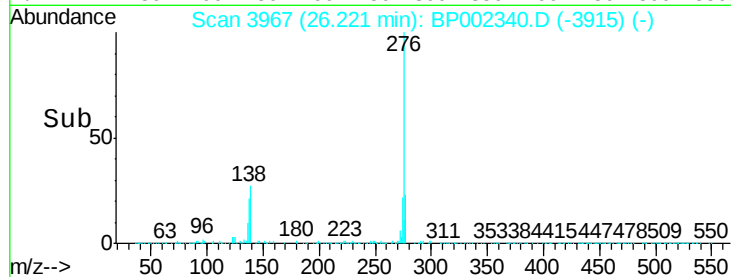
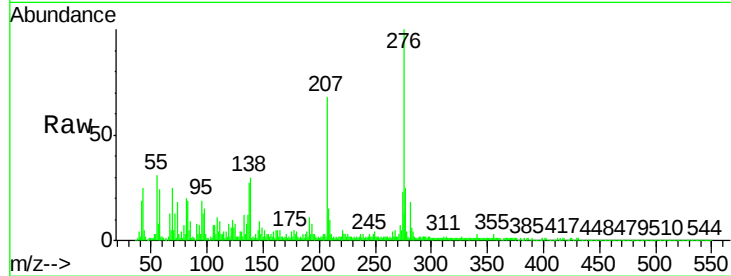
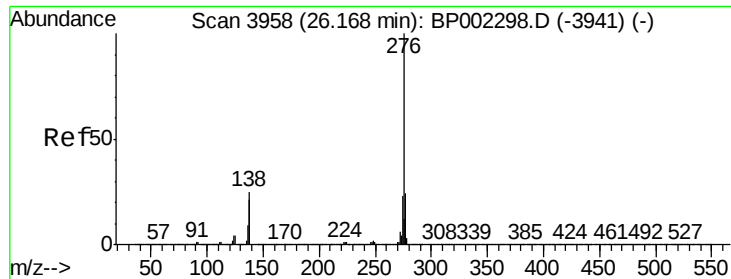
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#90
Benzo(a)pyrene
Concen: 5.237 ng
RT: 23.23 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BP002340.D
Acq: 01 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	14.4	8.4	12.6





#92
Benzo(a,h,i)perylene
Concen: 3.532 ng
RT: 26.22 min Scan# 3967
Delta R.T. 0.01 min
Lab File: BP002340.D
Acq: 01 Jun 2020 15:44

Instrument :
BNA_P
ClientSampleId :
NM79-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	28.0
138	29.9	16.0	24.0

Manual Integrations
APPROVED

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