

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
 Data File : BP002307.D
 Acq On : 28 May 2020 13:42
 Operator : CG/JU
 Sample : L2744-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM30-COMP-2020-0-6

Manual Integrations
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Quant Time: May 28 14:28:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 11:01:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	317783	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1297751	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	742314	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1516078	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1397000	20.00	ng	0.00
86) Perylene-d12	23.29	264	1465306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1530608	90.46	ng	0.00
7) Phenol-d6	6.79	99	2150517	93.43	ng	0.00
23) Nitrobenzene-d5	8.75	82	1437447	66.59	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	665522	94.60	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2919662	69.40	ng	0.00
79) Terphenyl-d14	19.59	244	3802922	65.92	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	457572	9.107	ng	99
71) Phenanthrene	17.04	178	241889	3.368	ng	99
75) Fluoranthene	19.02	202	413243	4.996	ng	99
78) Pyrene	19.37	202	399349	4.591	ng	98
81) Benzo(a)anthracene	21.08	228	209144	2.615	ng	98
83) Chrysene	21.13	228	194886	2.539	ng	96
88) Benzo(b)fluoranthene	22.63	252	237390m	2.972	ng	
90) Benzo(a)pyrene	23.19	252	184170	2.485	ng	# 98

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

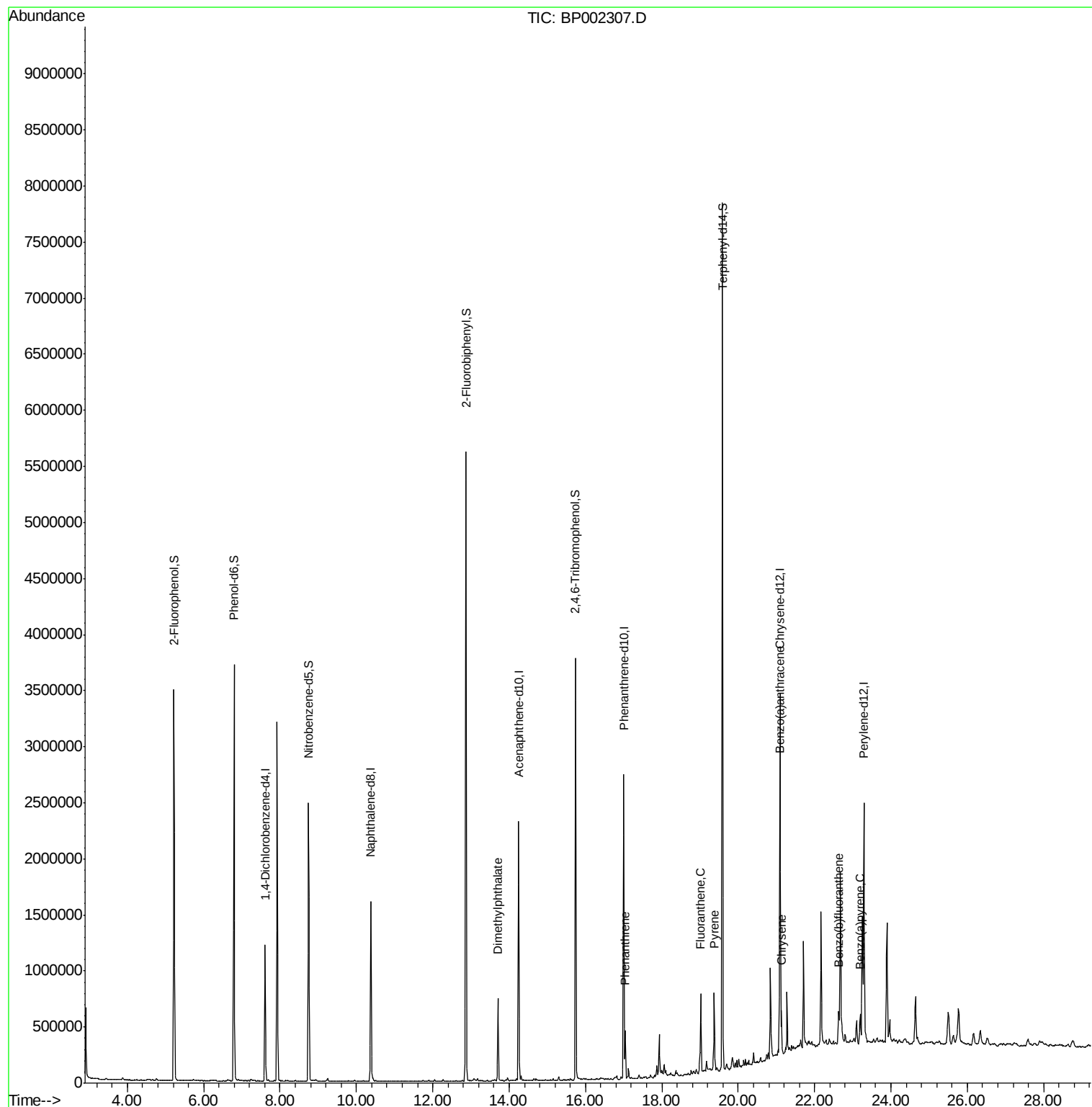
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Data File : BP002307.D
Acq On : 28 May 2020 13:42
Operator : CG/JU
Sample : L2744-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

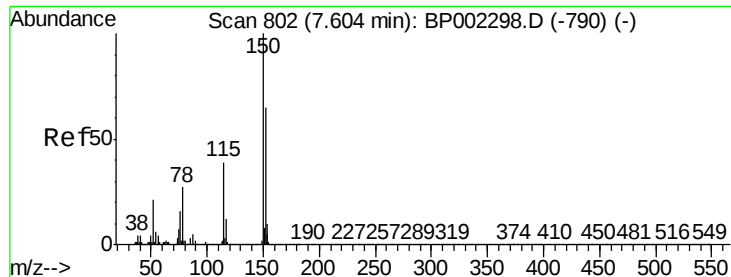
Instrument :
BNA_P
ClientSampleId :
NM30-COMP-2020-0-6

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
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#1

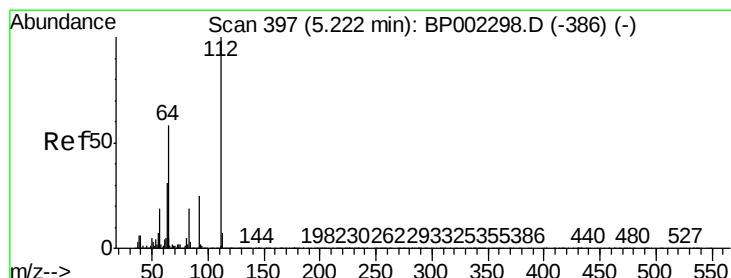
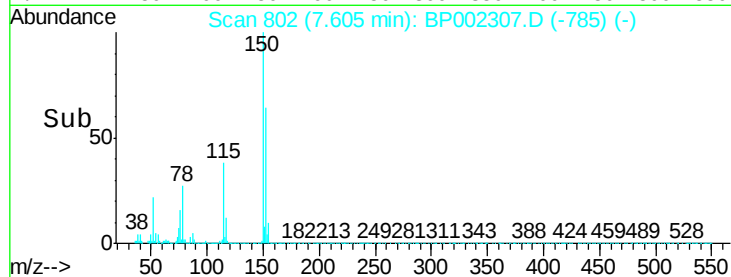
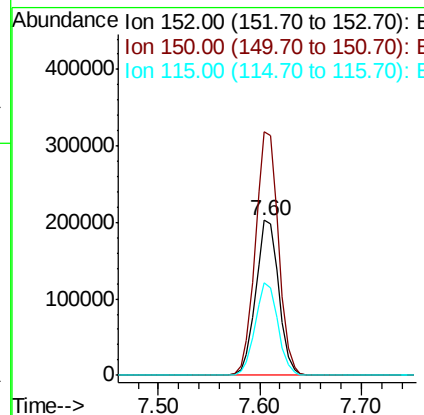
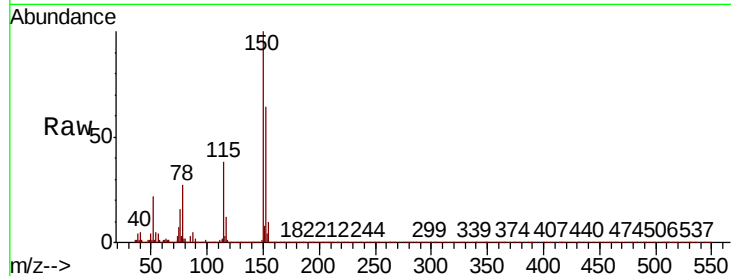
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Instrument :
BNA_P
ClientSampleId :
NM30-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.7	187.1
115	59.9	49.4	74.2

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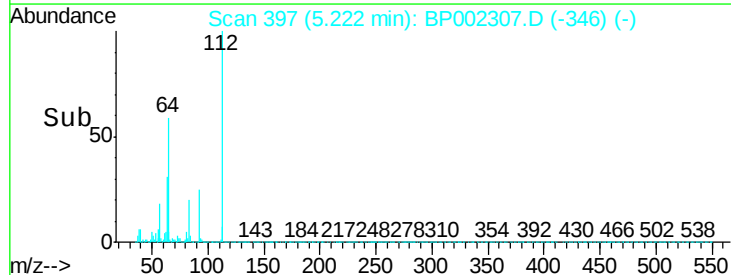
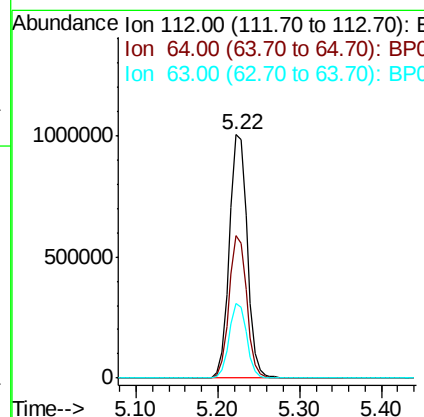
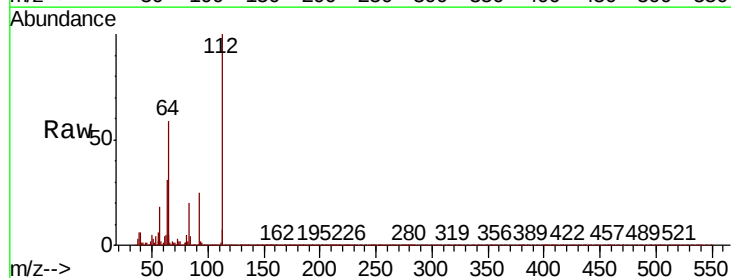
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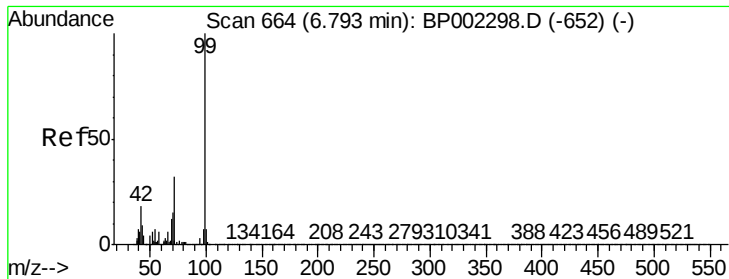


#5

2-Fluorophenol
Concen: 90.461 ng
RT: 5.22 min Scan# 397
Delta R.T. -0.00 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.0	70.4
63	30.7	24.0	36.0





#7

Phenol-d6

Concen: 93.432 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.01 min

Lab File: BP002307.D

Acq: 28 May 2020 13:42

Instrument :

BNA_P

ClientSampleId :

NM30-COMP-2020-0-6

Tot Ion: 99 Resp: 2150517

Ion Ratio Lower Upper

99 100

42 17.5 13.9 20.9

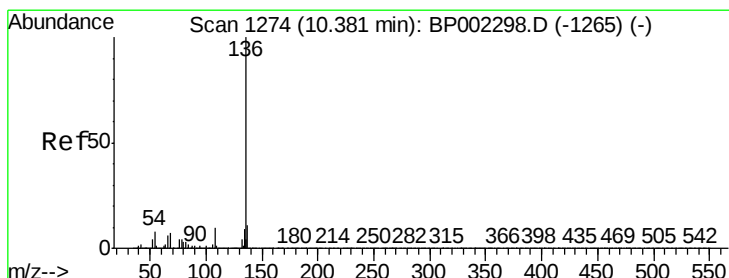
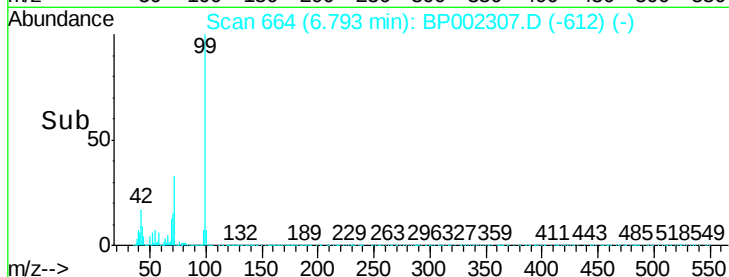
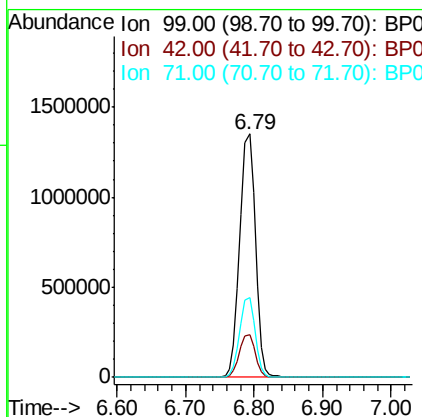
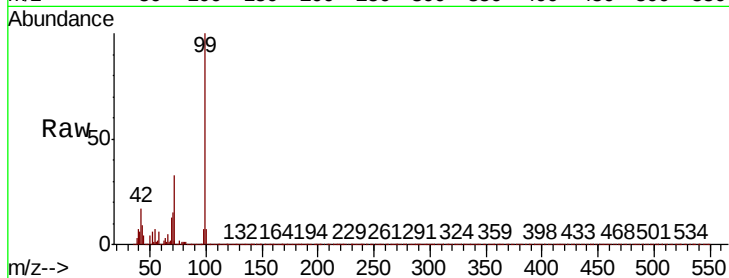
71 32.6 25.8 38.8

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BP002307.D

Acq: 28 May 2020 13:42

Tgt Ion: 136 Resp: 1297751

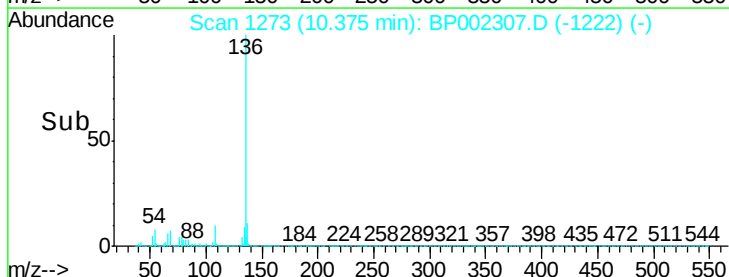
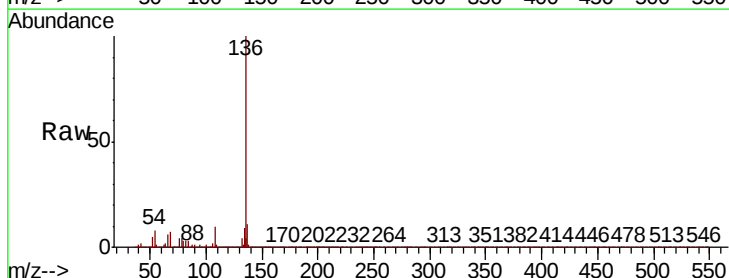
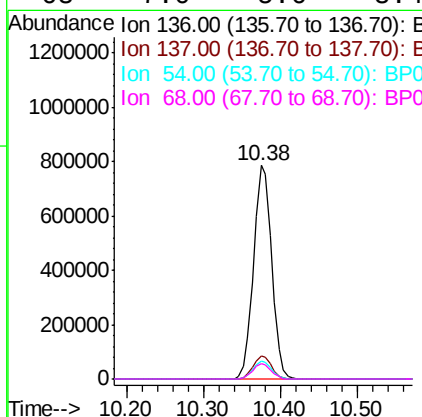
Ion Ratio Lower Upper

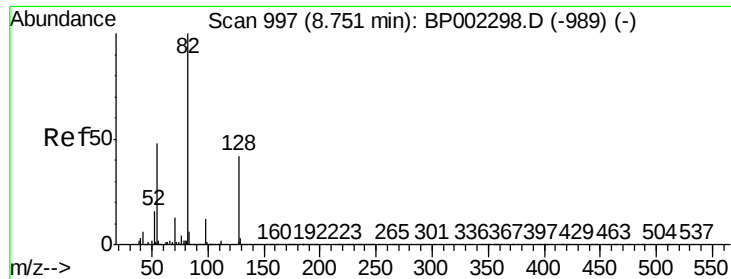
136 100

137 10.8 8.8 13.2

54 8.4 6.9 10.3

68 7.0 5.6 8.4





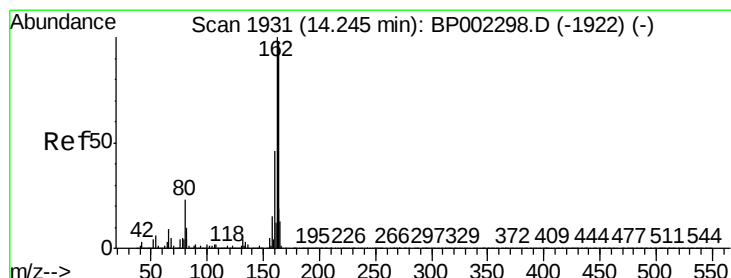
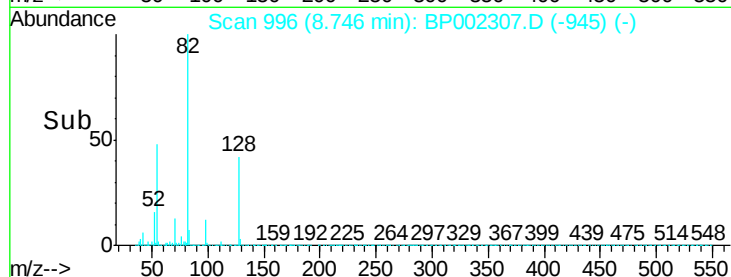
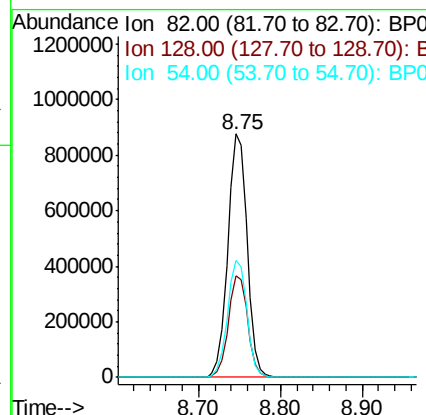
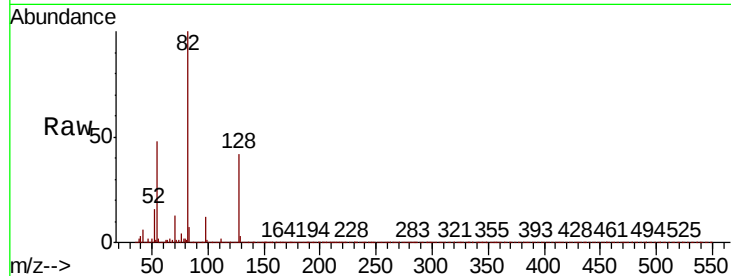
#23
Nitrobenzene-d5
Concen: 66.594 ng
RT: 8.75 min Scan# 996
Delta R.T. -0.00 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Instrument :
BNA_P
ClientSampleId :
NM30-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.4	50.0
54	48.2	38.3	57.5

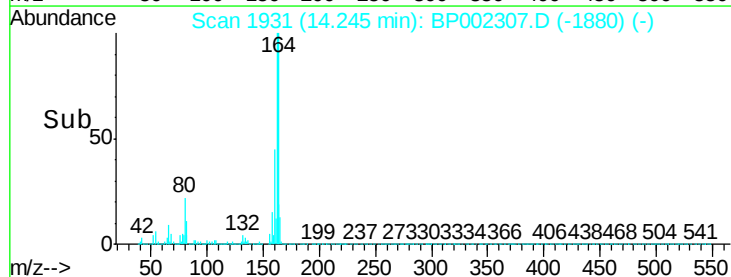
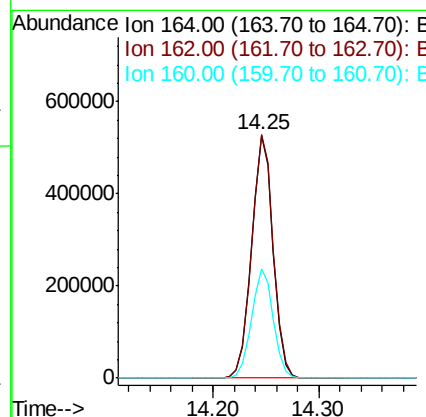
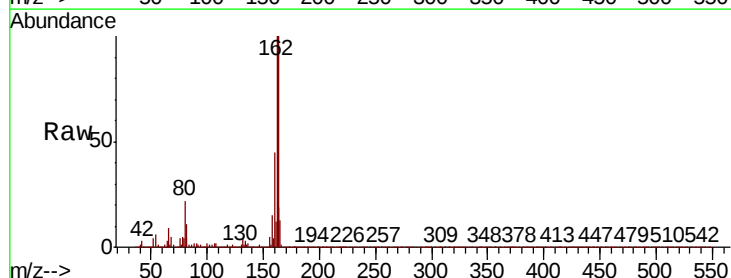
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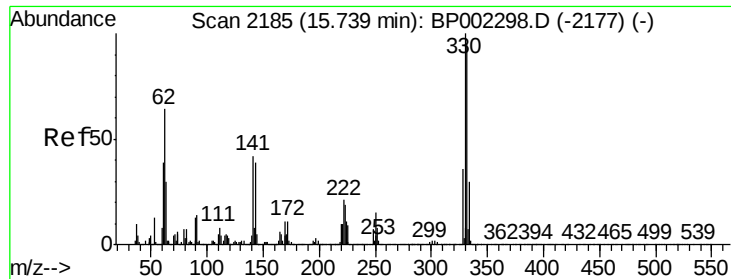
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.3	121.9
160	44.7	37.2	55.8





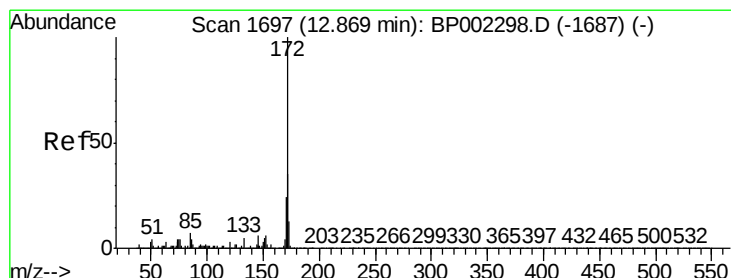
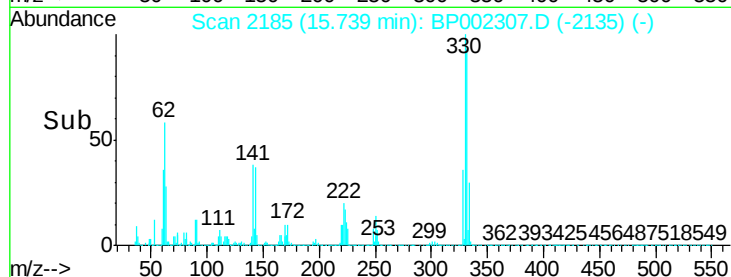
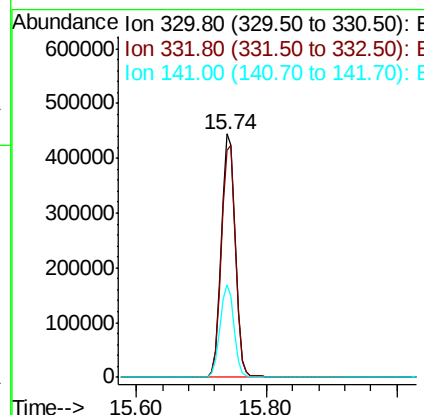
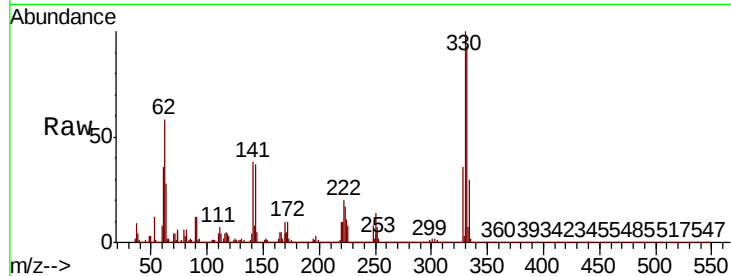
#42
2,4,6-Tribromophenol
Concen: 94.597 ng
RT: 15.74 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Instrument :
BNA_P
ClientSampleId :
NM30-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	665522		
332	96.2	76.9	115.3	
141	37.5	31.4	47.2	

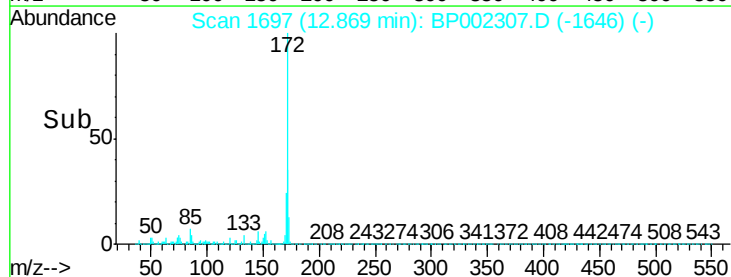
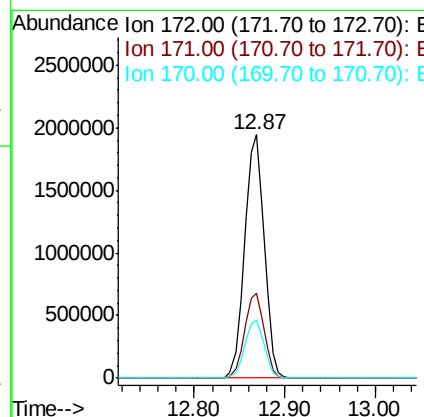
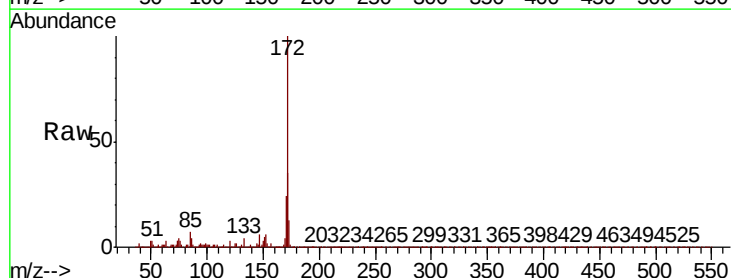
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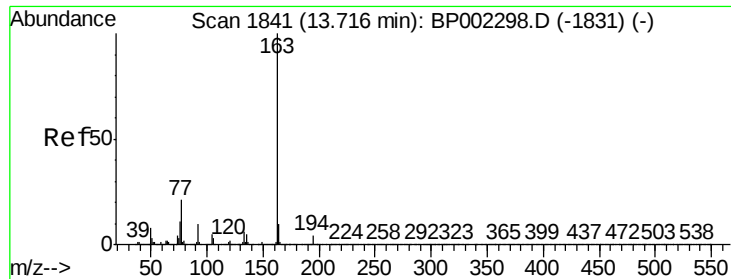
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#45
2-Fluorobiphenyl
Concen: 69.403 ng
RT: 12.87 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2919662		
171	34.7	27.6	41.4	
170	23.6	18.9	28.3	





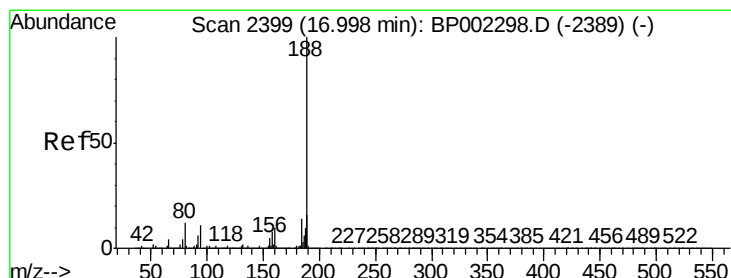
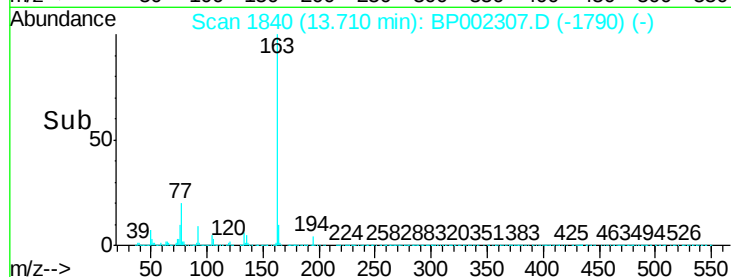
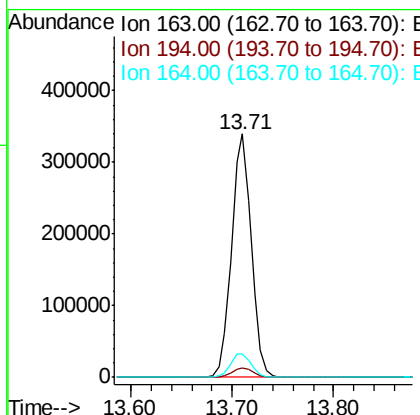
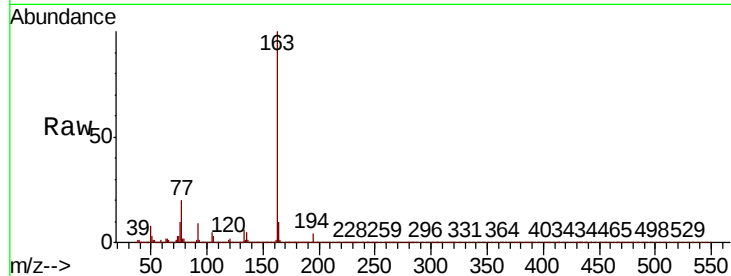
#50
Dimethylphthalate
Concen: 9.107 ng
RT: 13.71 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Instrument :
BNA_P
ClientSampleId :
NM30-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.8	8.1	12.1

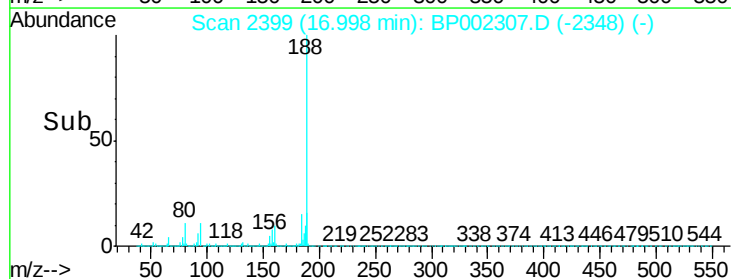
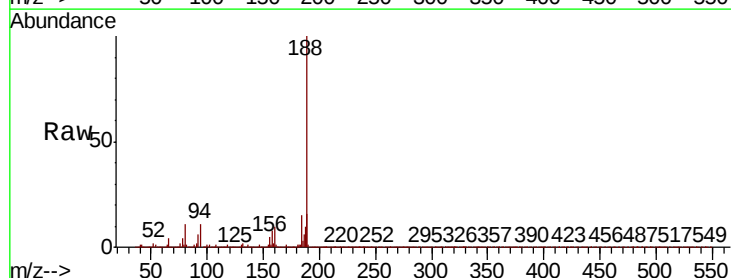
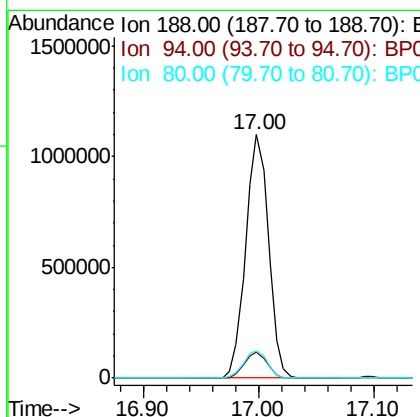
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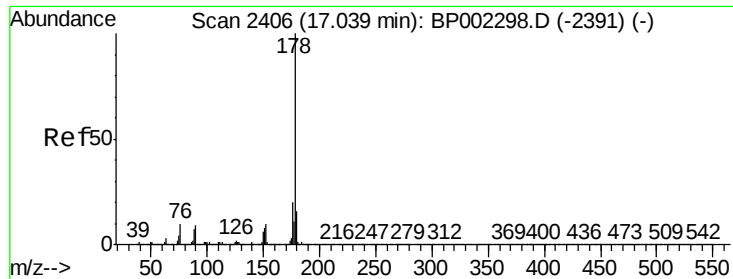
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

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





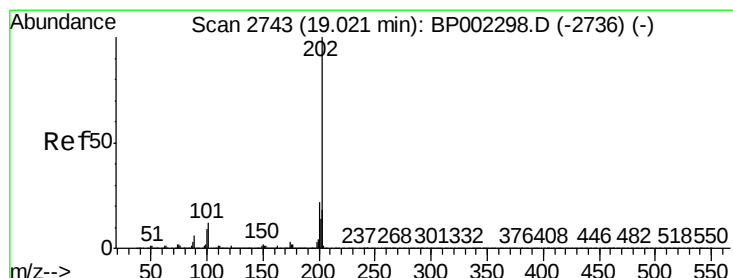
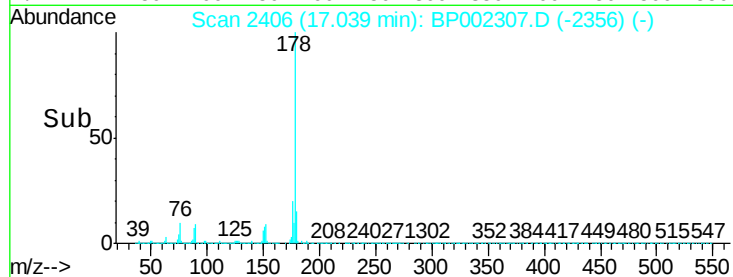
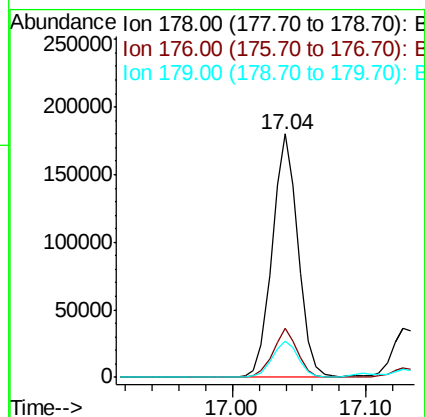
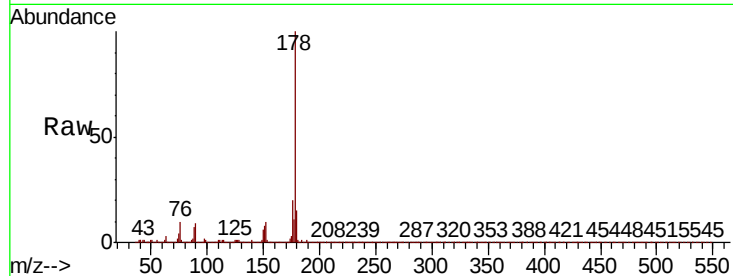
#71
Phenanthrene
Concen: 3.368 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Instrument :
BNA_P
ClientSampleId :
NM30-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.1	12.6	18.8

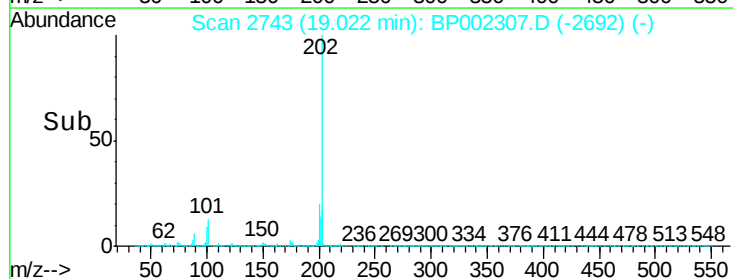
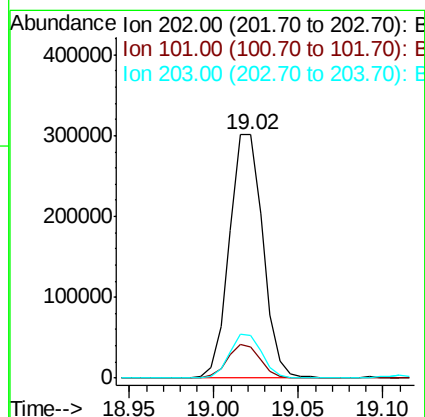
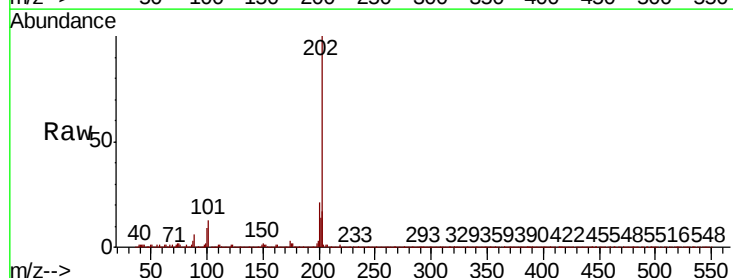
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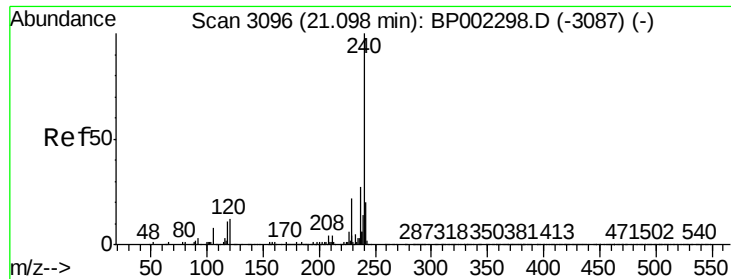
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#75
Fluoranthene
Concen: 4.996 ng
RT: 19.02 min Scan# 2743
Delta R.T. -0.00 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.1
203	17.3	0.0	37.6





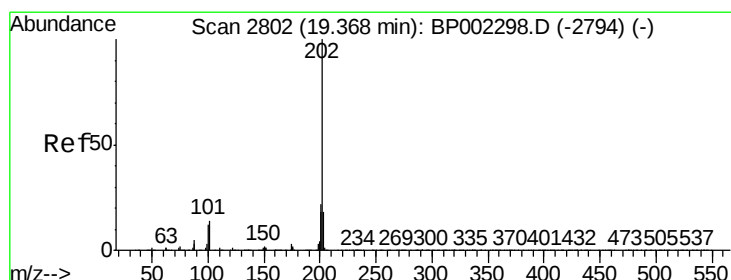
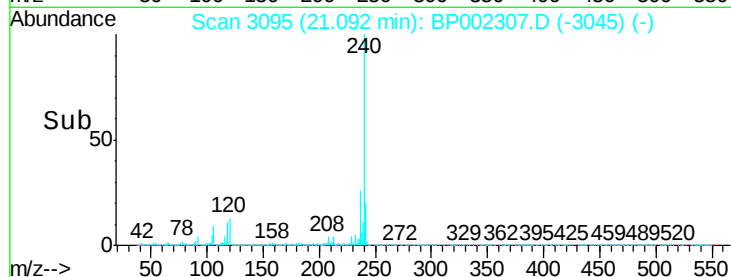
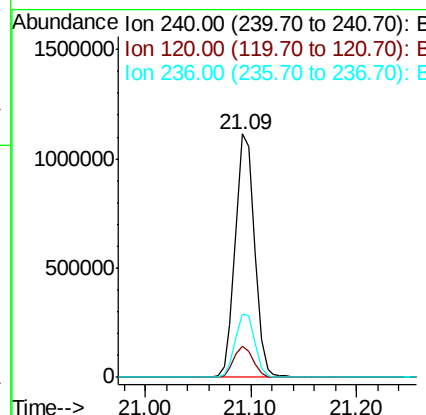
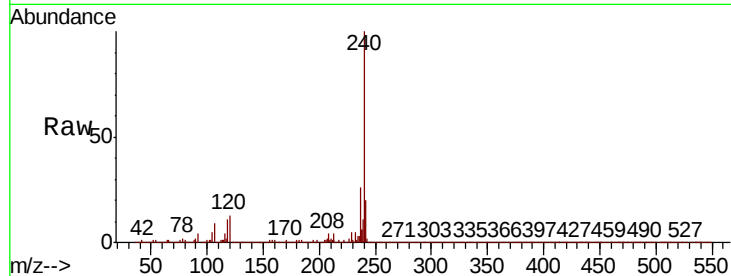
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Instrument :
BNA_P
ClientSampleId :
NM30-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.7	13.1
236	25.9	21.0	31.4

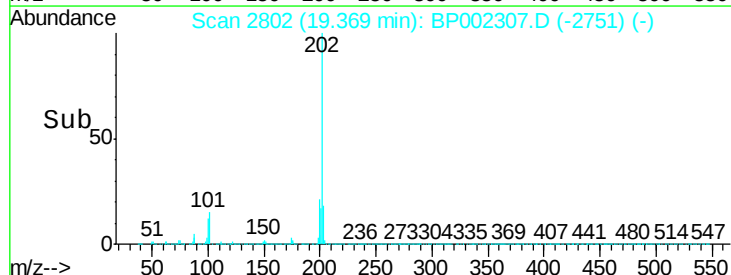
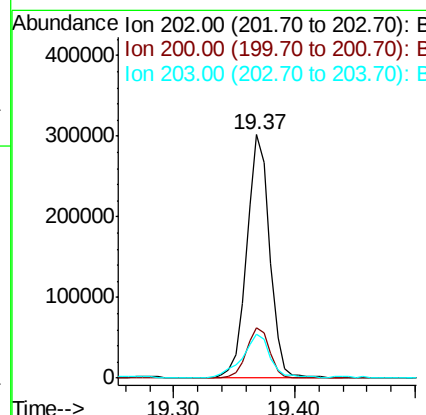
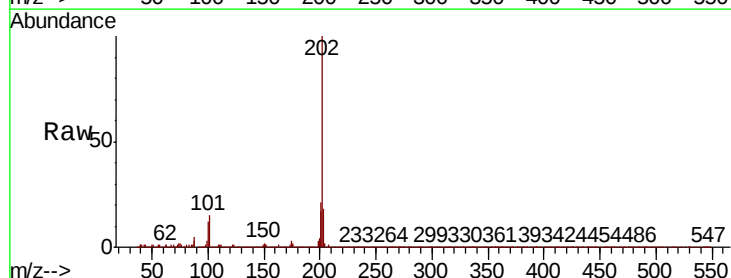
Manual Integrations
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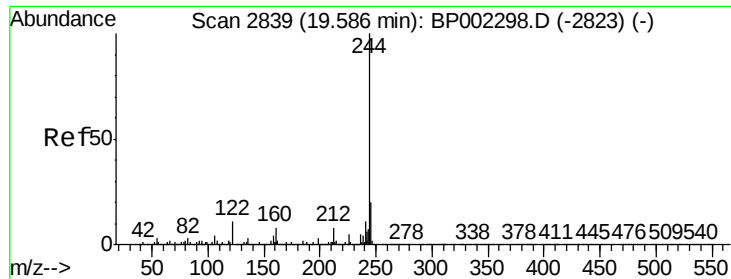
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#78
Pyrene
Concen: 4.591 ng
RT: 19.37 min Scan# 2802
Delta R.T. -0.00 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.3	25.9
203	17.9	13.8	20.6





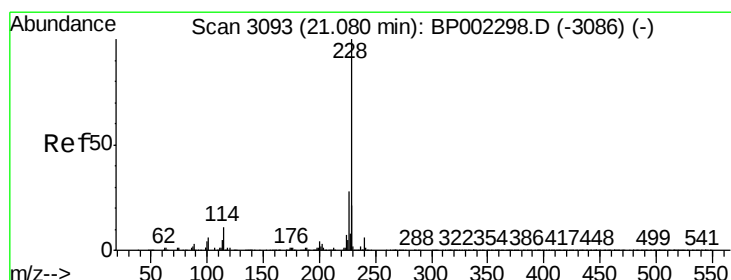
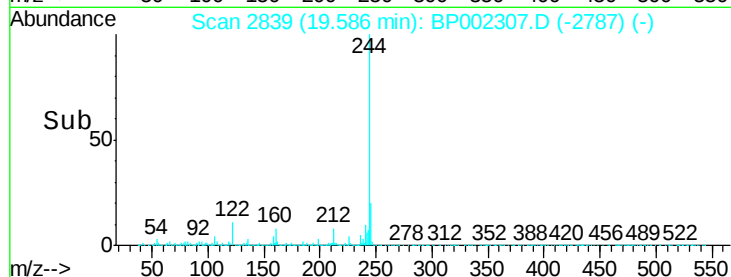
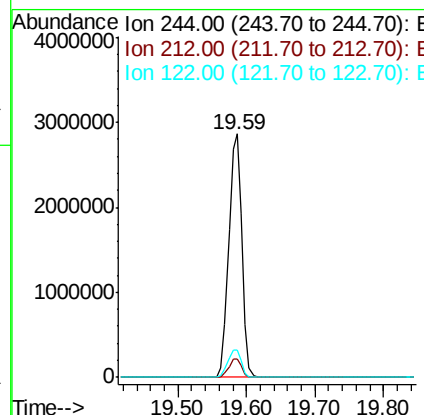
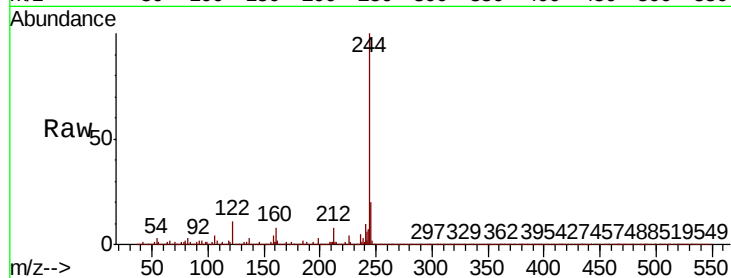
#79
Terphenyl-d14
Concen: 65.924 ng
RT: 19.59 min Scan# 2839
Delta R.T. 0.01 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Instrument :
BNA_P
ClientSampleId :
NM30-COMP-2020-0-6

Tot Ion:244 Resp: 3802922
Ion Ratio Lower Upper
244 100
212 7.6 6.4 9.6
122 11.1 9.4 14.0

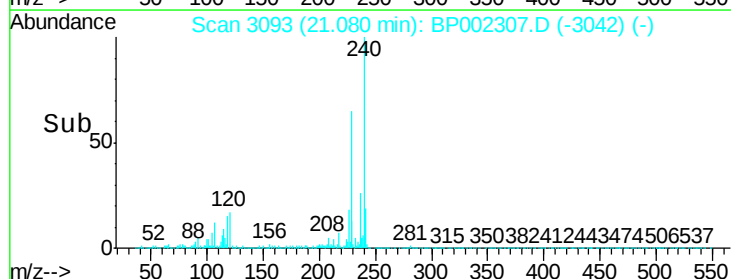
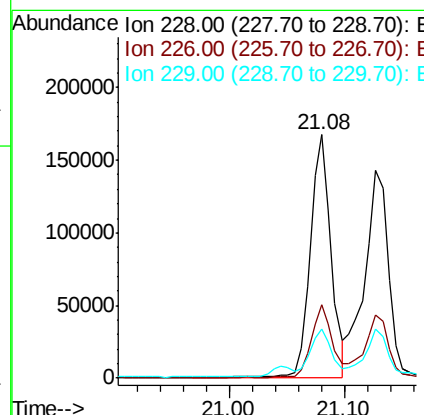
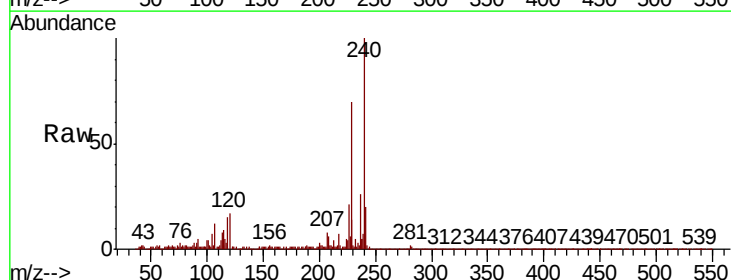
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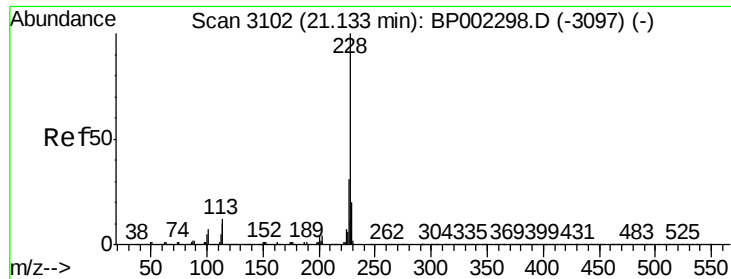
mohammad
5/29/2020 10:31:01 PM



#81
Benzo(a)anthracene
Concen: 2.615 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Tgt Ion:228 Resp: 209144
Ion Ratio Lower Upper
228 100
226 30.1 22.7 34.1
229 20.3 16.3 24.5





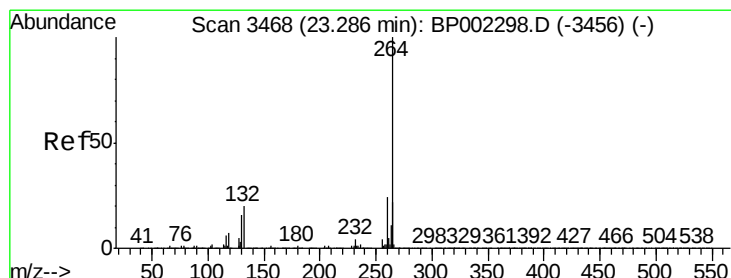
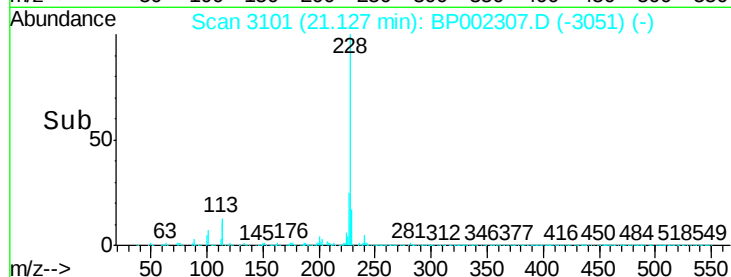
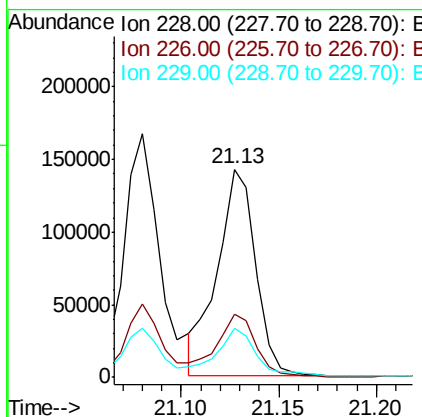
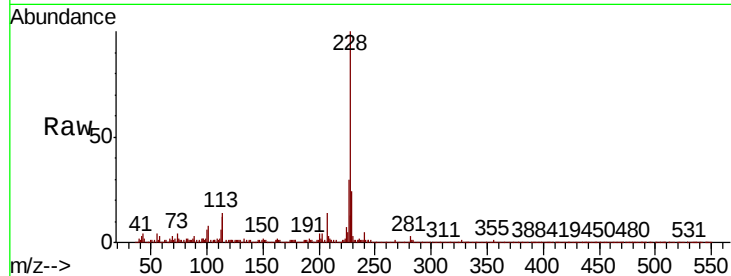
#83
Chrysene
Concen: 2.539 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Instrument :
BNA_P
ClientSampleId :
NM30-COMP-2020-0-6

Tot Ion:	228	Resp:	194886
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.0	37.6
229	23.7	16.2	24.4

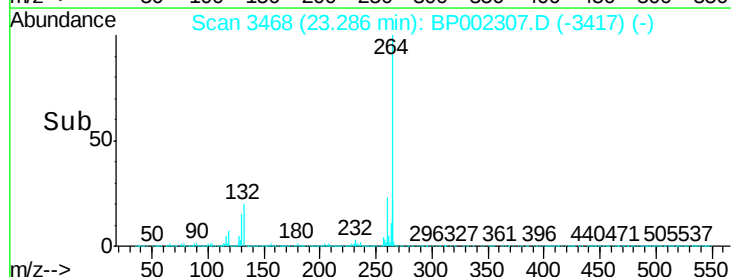
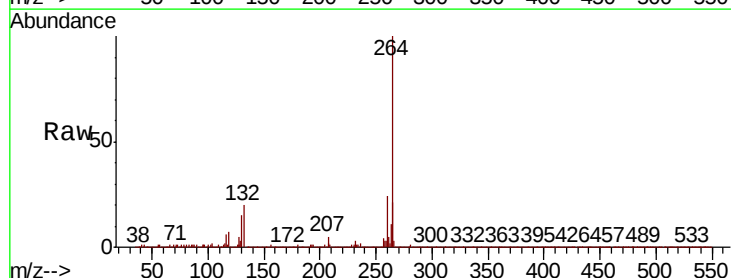
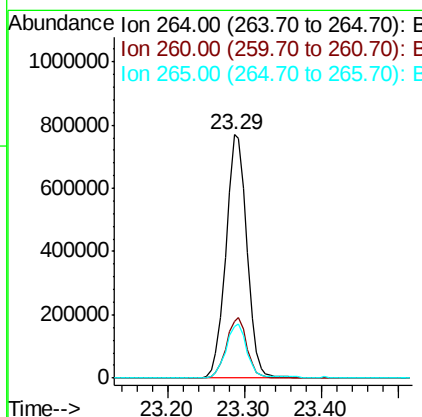
Manual Integrations
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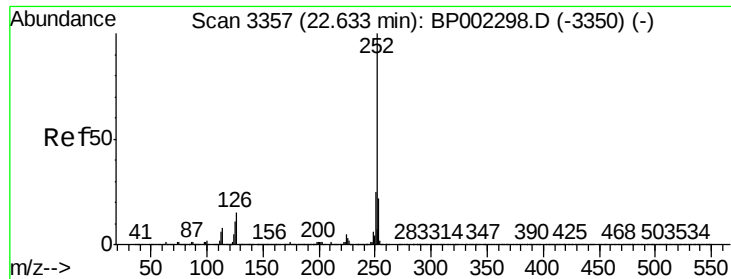
mohammad
5/29/2020 10:31:01 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.00 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Tgt Ion:	264	Resp:	1465306
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.4	29.2
265	21.3	17.8	26.6





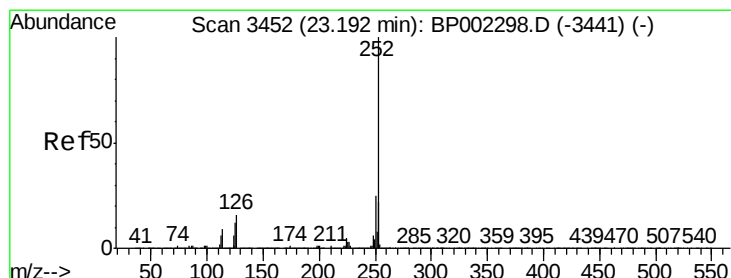
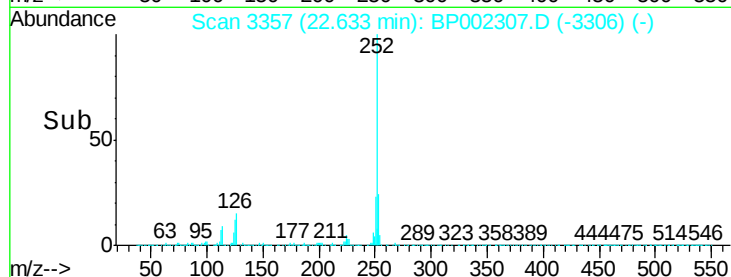
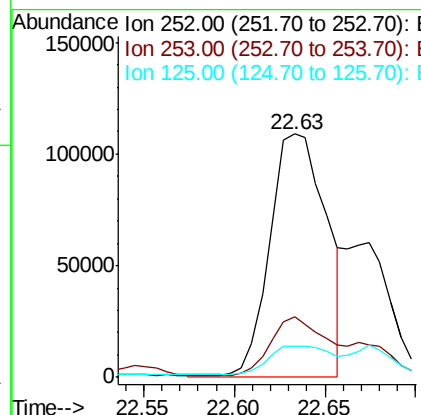
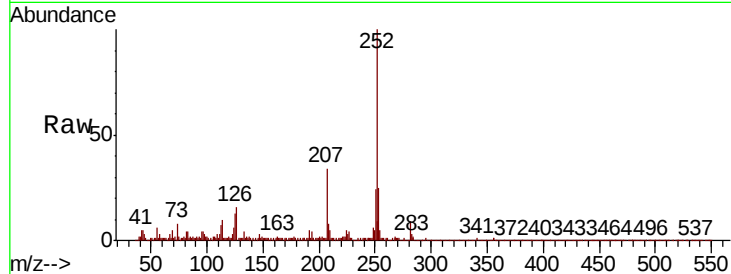
#88
Benzo(b)fluoranthene
Concen: 2.972 ng m
RT: 22.63 min Scan# 3357
Delta R.T. -0.00 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Instrument :
BNA_P
ClientSampleId :
NM30-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.2
125	12.8	7.2	10.8

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.485 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BP002307.D
Acq: 28 May 2020 13:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	13.1	8.4	12.6

