

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
 Data File : BP002342.D
 Acq On : 01 Jun 2020 16:52
 Operator : CG/JU
 Sample : L2746-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM109-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 01 17:59:16 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	401830	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1618858	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	952359	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1958905	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1677741	20.00	ng	0.00
86) Perylene-d12	23.33	264	1747256	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1272915	59.50	ng	0.00
7) Phenol-d6	6.80	99	1772132	60.89	ng	0.00
23) Nitrobenzene-d5	8.75	82	1155566	42.92	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	577104	63.94	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2460339	45.59	ng	0.00
79) Terphenyl-d14	19.60	244	3176010	45.84	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.72	163	787521	12.217	ng	Qvalue 100
71) Phenanthrene	17.06	178	661014	7.124	ng	98
72) Anthracene	17.15	178	194656	2.132	ng	99
75) Fluoranthene	19.04	202	1353217	12.662	ng	99
78) Pyrene	19.39	202	1286202	12.311	ng	99
81) Benzo(a)anthracene	21.10	228	675602	7.035	ng	97
83) Chrysene	21.15	228	658779	7.147	ng	98
87) Indeno(1,2,3-cd)pyrene	25.56	276	435499	4.027	ng	98
88) Benzo(b)fluoranthene	22.67	252	928990m	9.752	ng	
89) Benzo(k)fluoranthene	22.70	252	269550m	2.949	ng	
90) Benzo(a)pyrene	23.23	252	641794	7.263	ng	# 97
92) Benzo(a,h,i)perylene	26.23	276	451613	5.021	ng	# 94

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

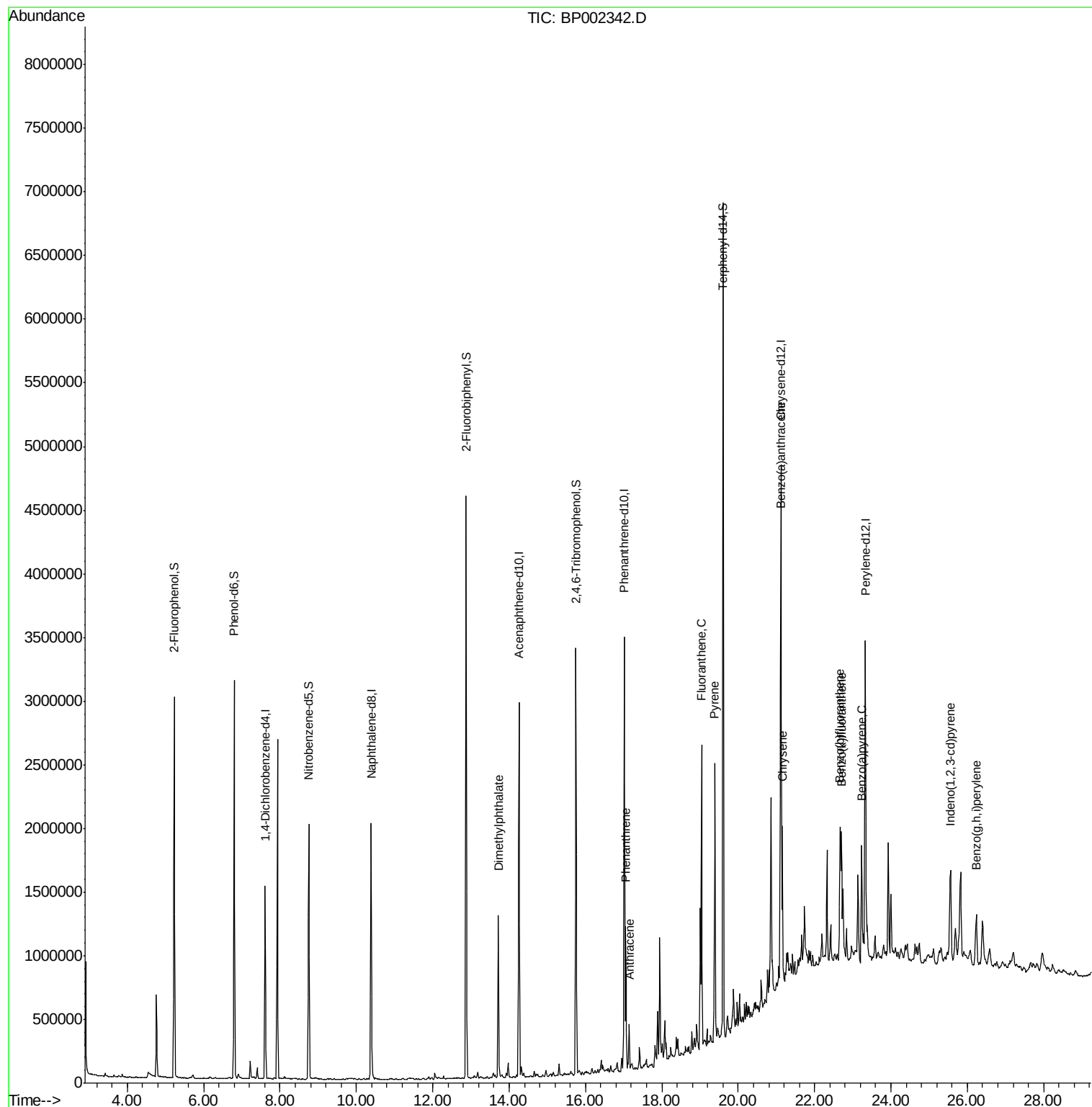
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002342.D
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ALS Vial : 12 Sample Multiplier: 1

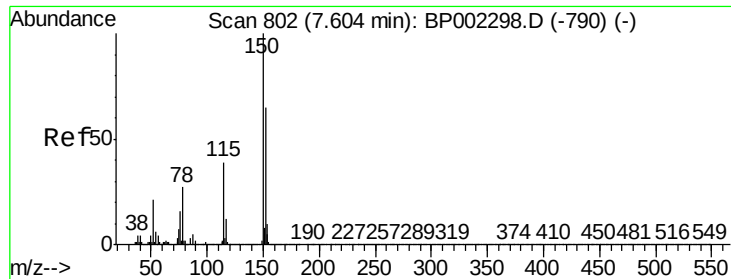
Instrument :
BNA_P
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NM109-COMP-2020-0-6

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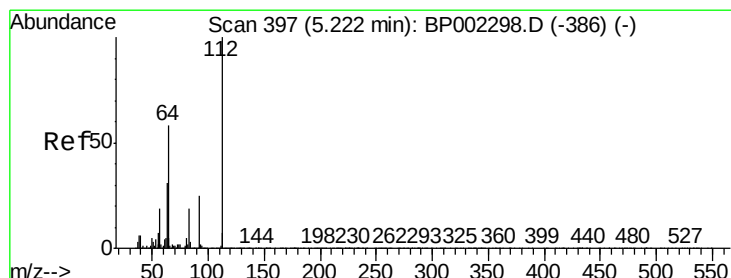
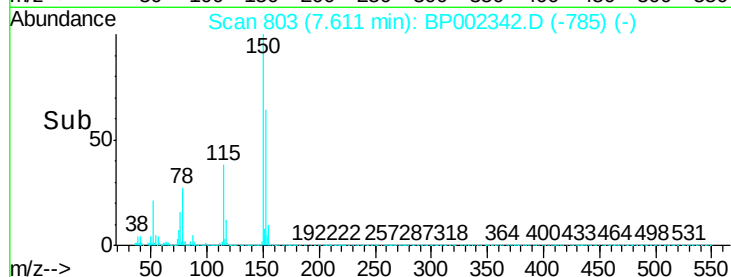
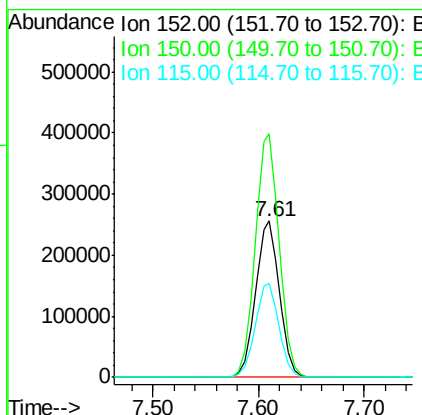
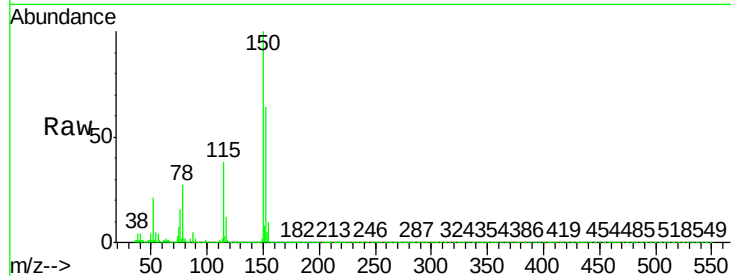
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP002342.D
Acq: 01 Jun 2020 16:52

Instrument :
BNA_P
ClientSampleId :
NM109-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.7	187.1
115	59.9	49.4	74.2

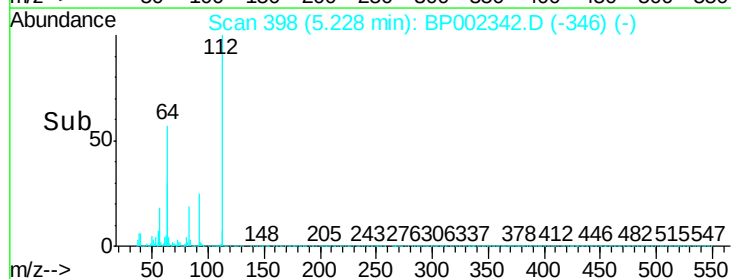
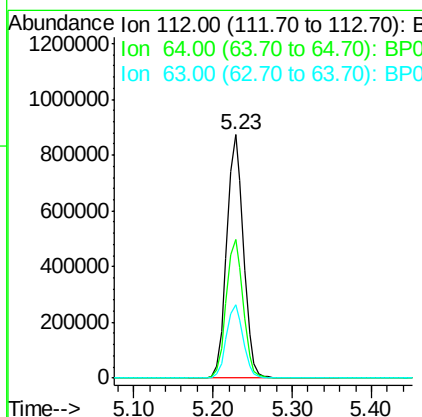
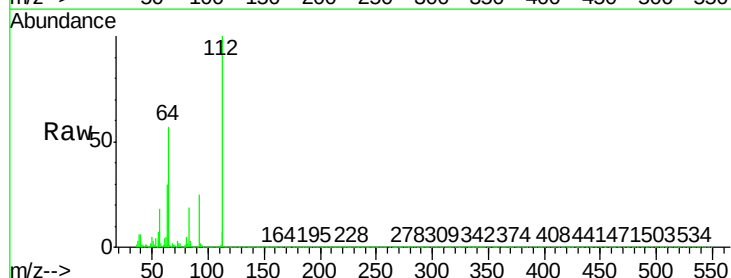
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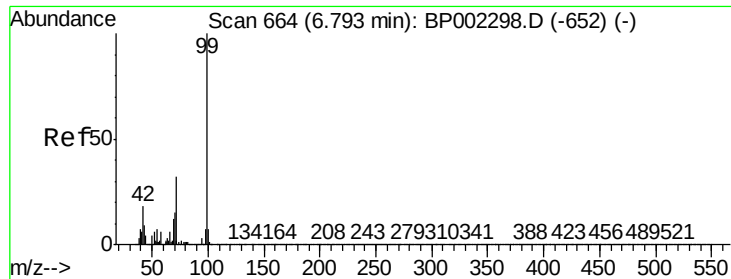
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#5
2-Fluorophenol
Concen: 59.495 ng
RT: 5.23 min Scan# 398
Delta R.T. 0.01 min
Lab File: BP002342.D
Acq: 01 Jun 2020 16:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.0	70.4
63	30.2	24.0	36.0





#7

Phenol-d6

Concen: 60.889 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002342.D

Acq: 01 Jun 2020 16:52

Instrument :

BNA_P

ClientSampleId :

NM109-COMP-2020-0-6

Tot Ion: 99 Resp: 1772132

Ion Ratio Lower Upper

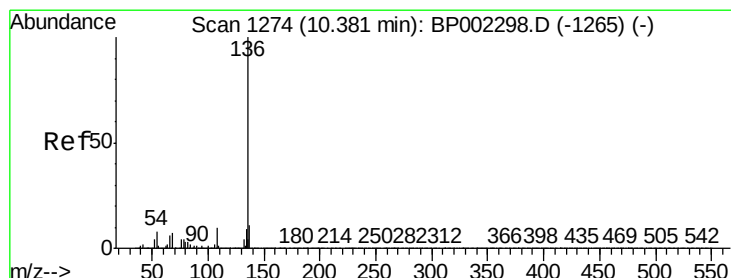
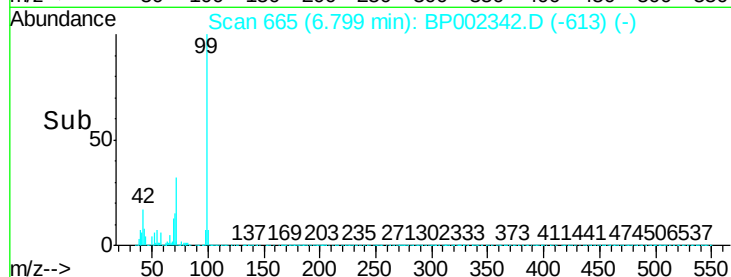
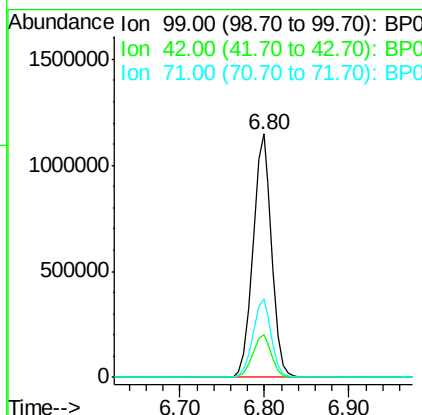
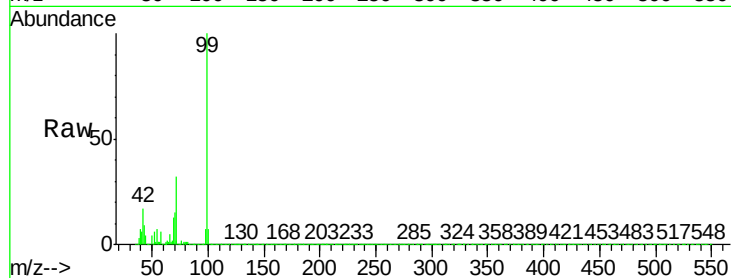
99 100

42 17.4 13.9 20.9

71 32.4 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: BP002342.D

Acq: 01 Jun 2020 16:52

Tgt Ion: 136 Resp: 1618858

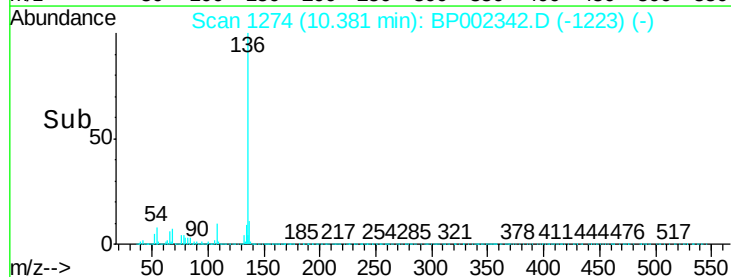
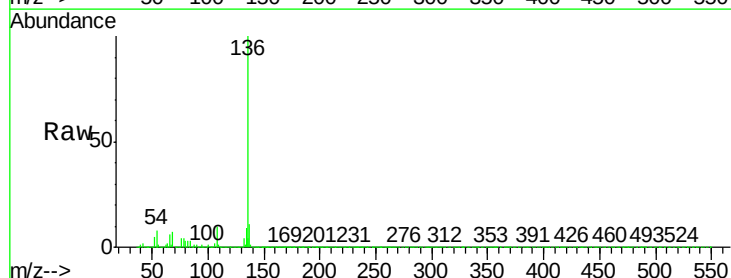
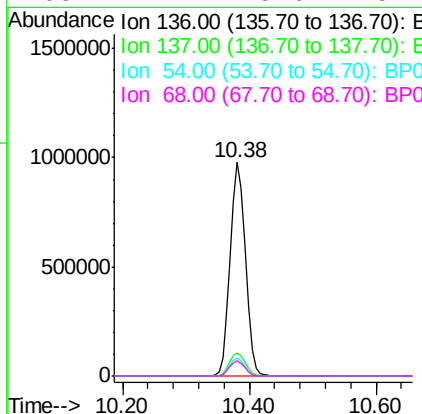
Ion Ratio Lower Upper

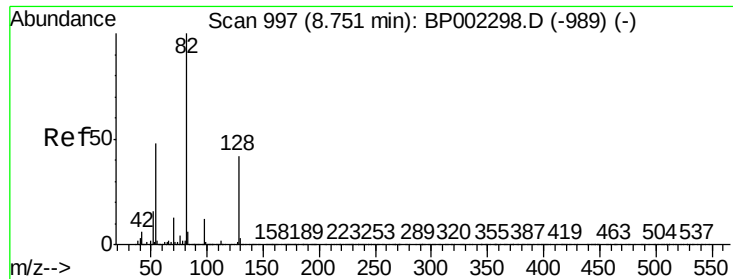
136 100

137 10.9 8.8 13.2

54 8.3 6.9 10.3

68 7.1 5.6 8.4





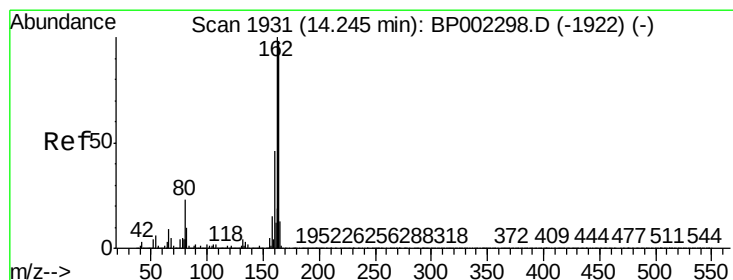
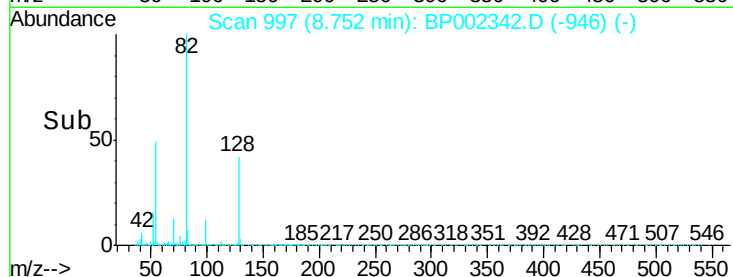
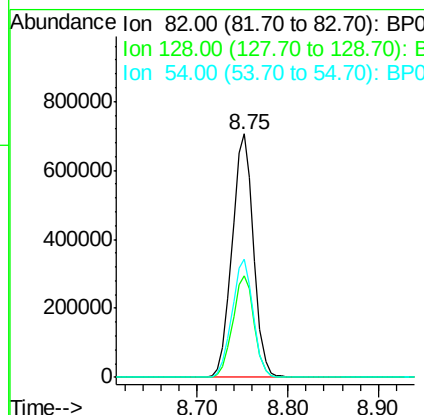
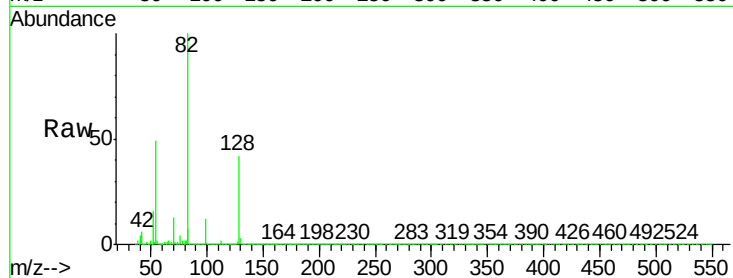
#23
 Nitrobenzene-d5
 Concen: 42.916 ng
 RT: 8.75 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BP002342.D
 Acq: 01 Jun 2020 16:52

Instrument :
 BNA_P
 ClientSampleId :
 NM109-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.4	50.0
54	48.7	38.3	57.5

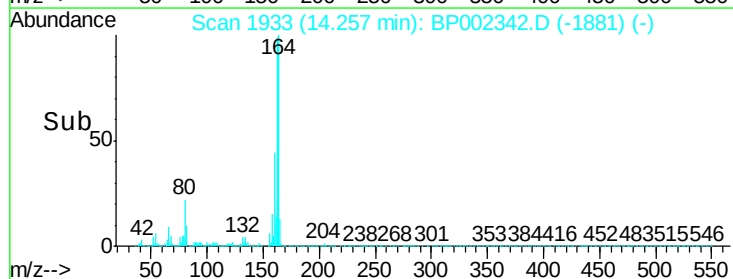
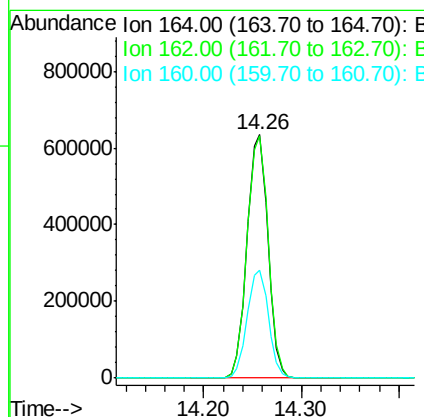
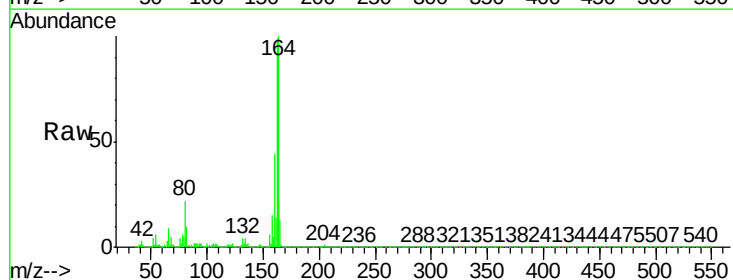
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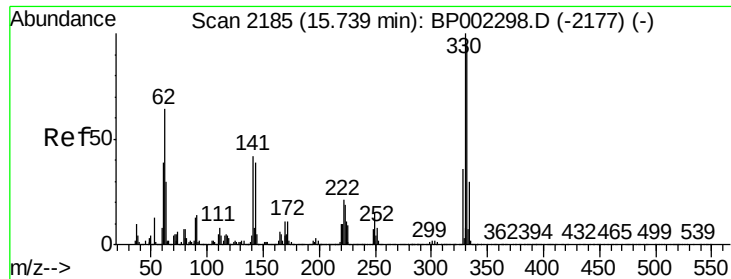
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1933
 Delta R.T. 0.01 min
 Lab File: BP002342.D
 Acq: 01 Jun 2020 16:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.3	121.9
160	44.3	37.2	55.8





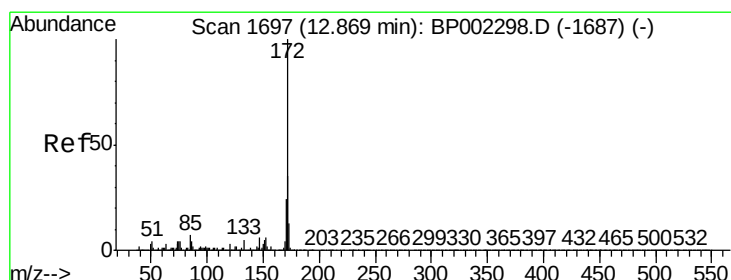
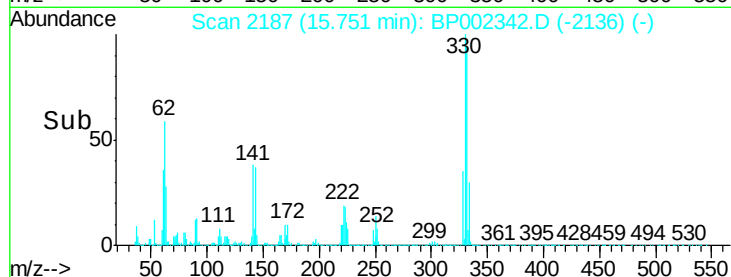
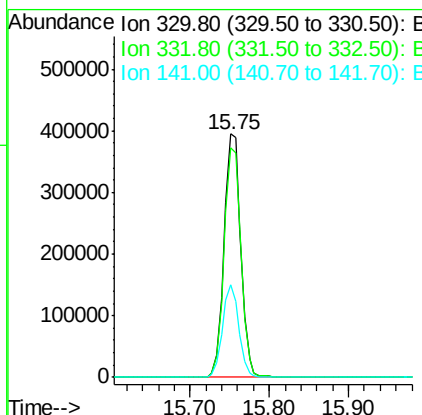
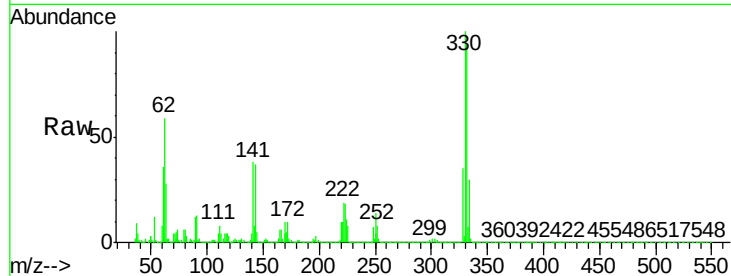
#42
2,4,6-Tribromophenol
Concen: 63.938 ng
RT: 15.75 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BP002342.D
Acq: 01 Jun 2020 16:52

Instrument :
BNA_P
ClientSampleId :
NM109-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.9	115.3
141	37.0	31.4	47.2

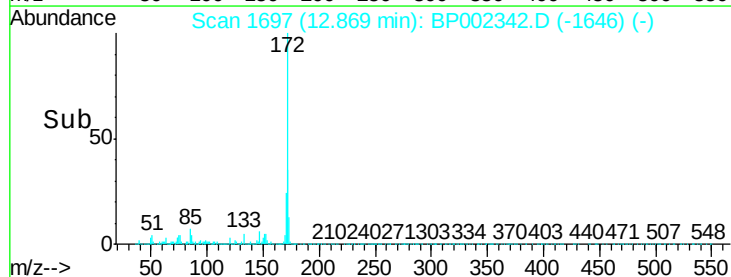
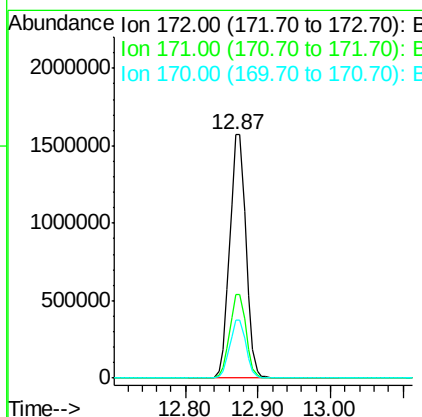
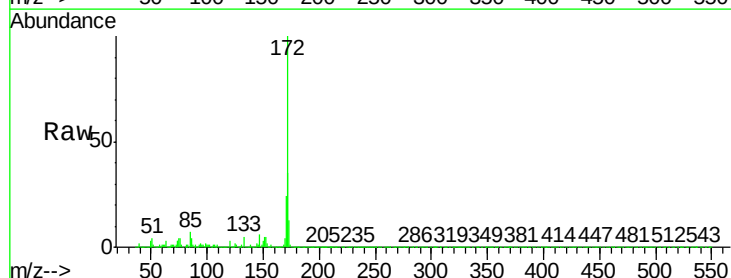
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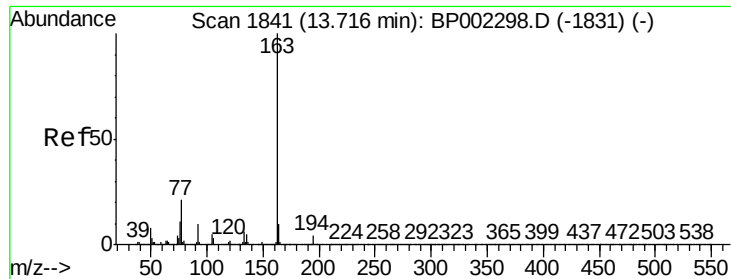
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#45
2-Fluorobiphenyl
Concen: 45.585 ng
RT: 12.87 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BP002342.D
Acq: 01 Jun 2020 16:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.6	41.4
170	23.9	18.9	28.3





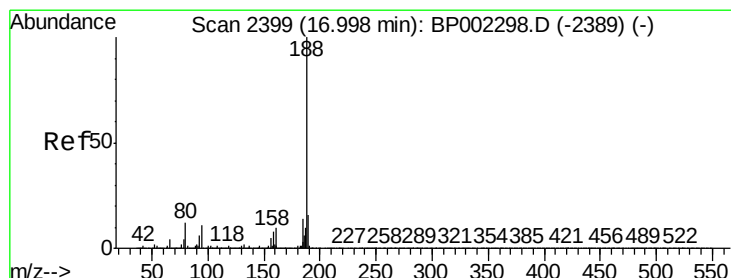
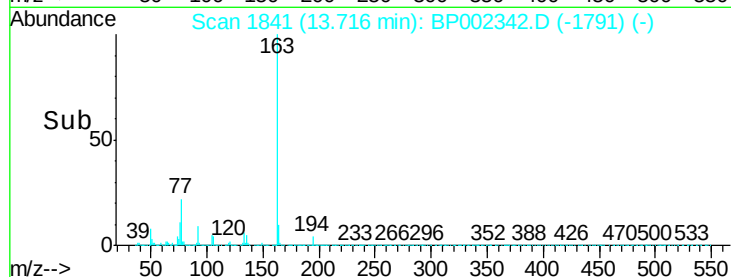
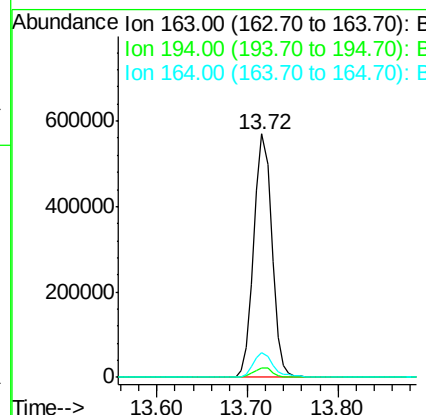
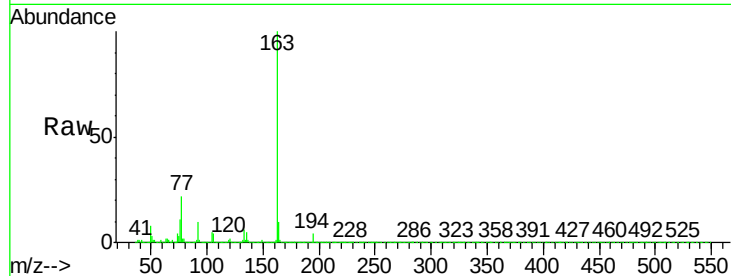
#50
Dimethylphthalate
Concen: 12.217 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002342.D
Acq: 01 Jun 2020 16:52

Instrument :
BNA_P
ClientSampleId :
NM109-COMP-2020-0-6

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	8.1	12.1

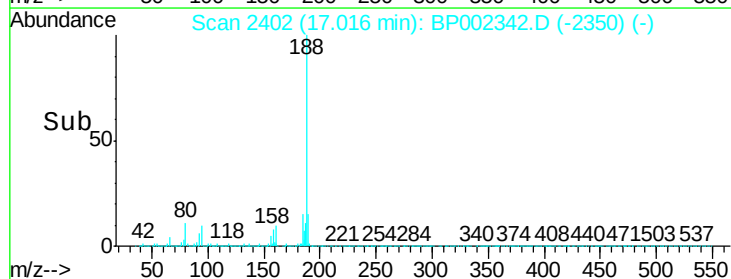
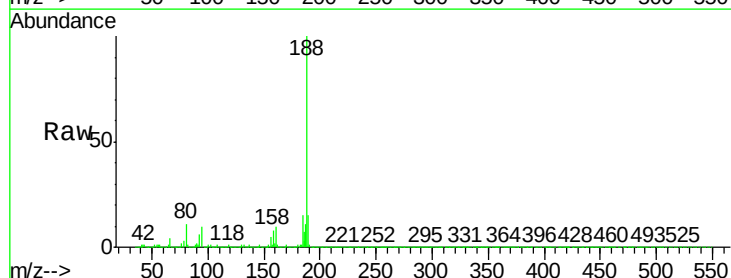
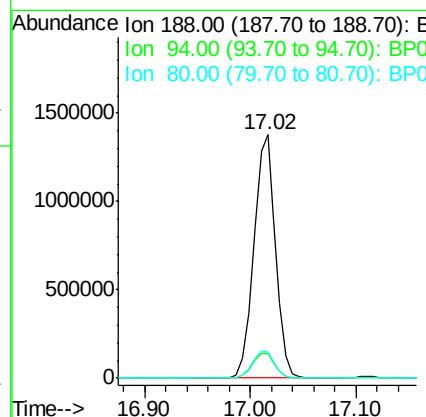
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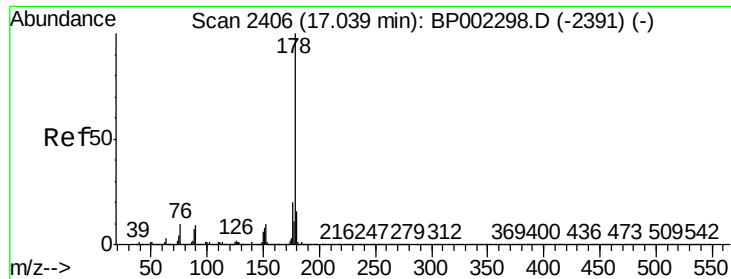
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BP002342.D
Acq: 01 Jun 2020 16:52

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	10.0	8.7	13.1
80	10.8	9.3	13.9





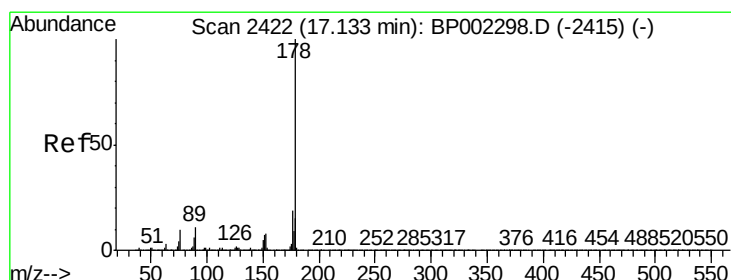
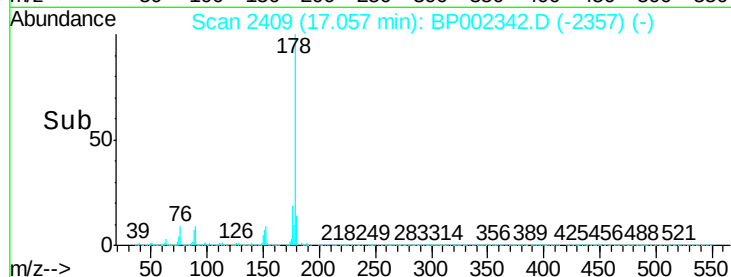
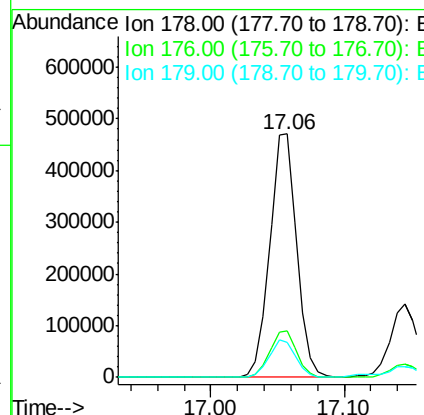
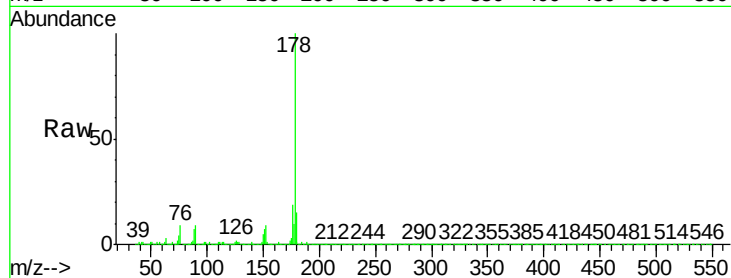
#71
Phenanthrene
Concen: 7.124 ng
RT: 17.06 min Scan# 2409
Delta R.T. 0.01 min
Lab File: BP002342.D
Acq: 01 Jun 2020 16:52

Instrument :
BNA_P
ClientSampleId :
NM109-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.5	12.6	18.8

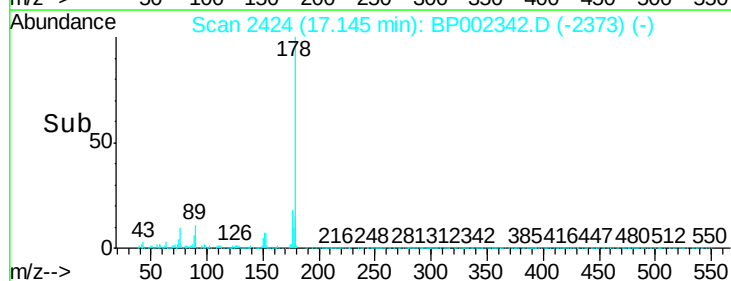
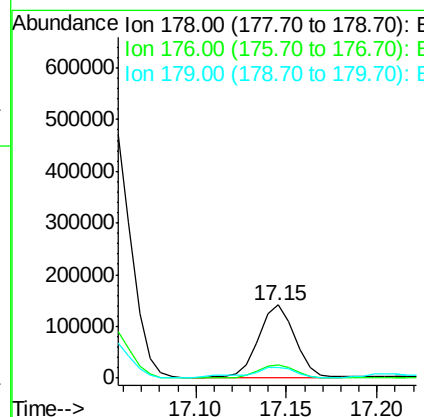
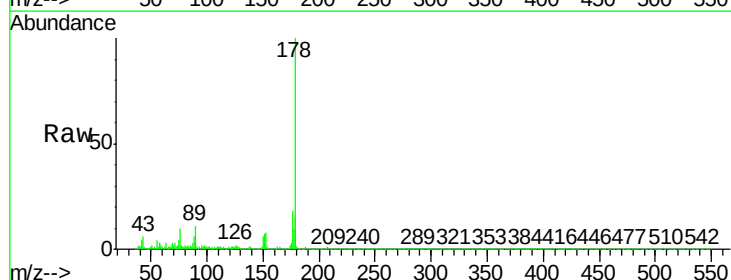
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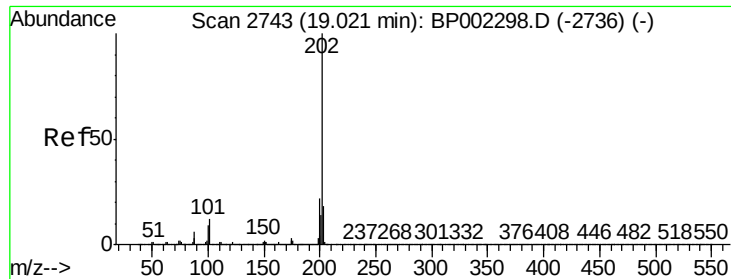
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#72
Anthracene
Concen: 2.132 ng
RT: 17.15 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BP002342.D
Acq: 01 Jun 2020 16:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.2	22.8
179	15.1	12.6	19.0





#75

Fluoranthene

Concen: 12.662 ng

RT: 19.04 min Scan# 2746

Delta R.T. 0.01 min

Lab File: BP002342.D

Acq: 01 Jun 2020 16:52

Instrument :

BNA_P

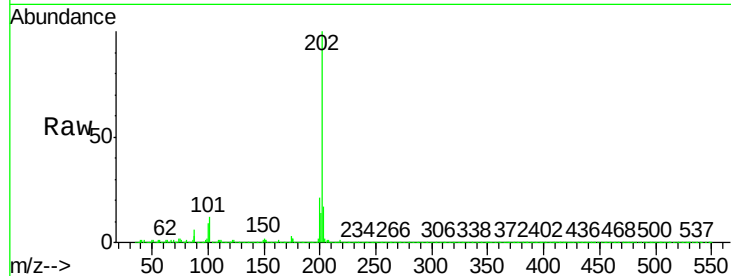
ClientSampleId :

NM109-COMP-2020-0-6

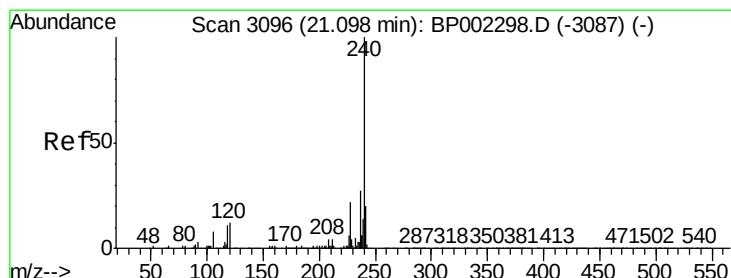
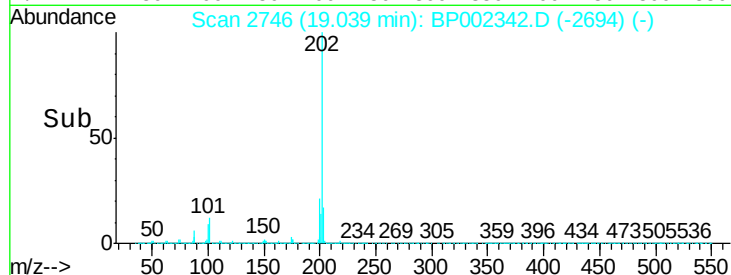
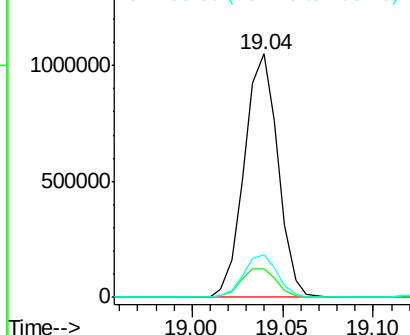
Tot Ion:	202	Resp:	1353217
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.1
203	17.3	0.0	37.6

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.12 min Scan# 3099

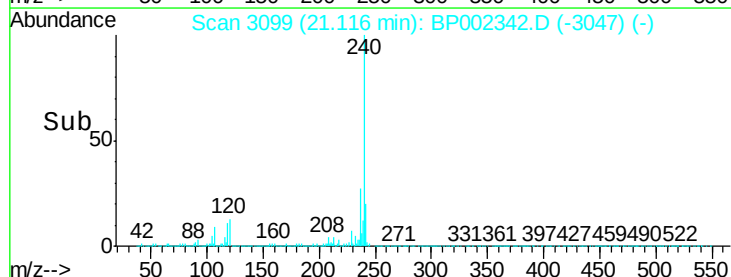
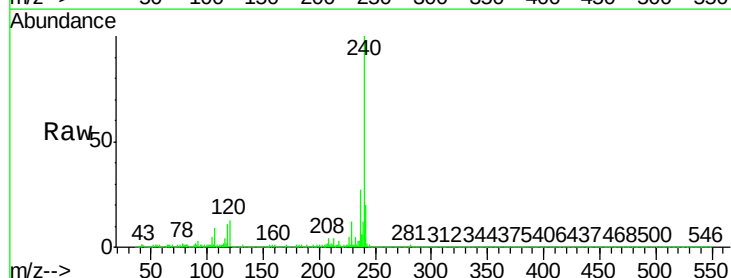
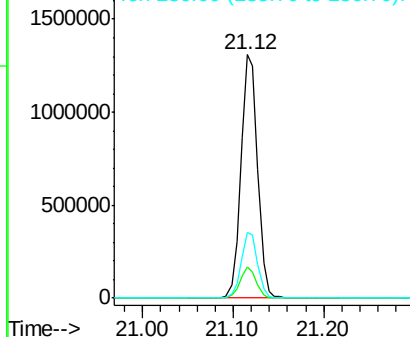
Delta R.T. 0.01 min

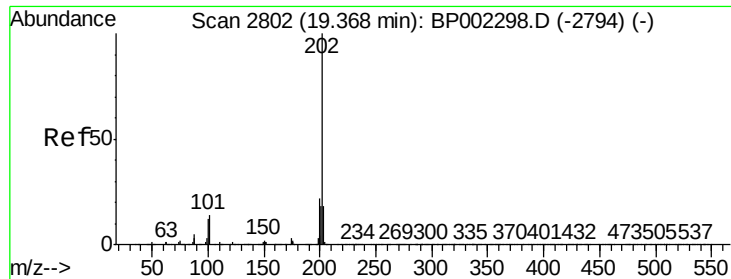
Lab File: BP002342.D

Acq: 01 Jun 2020 16:52

Tgt Ion:	240	Resp:	1677741
Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.7	13.1
236	27.0	21.0	31.4

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





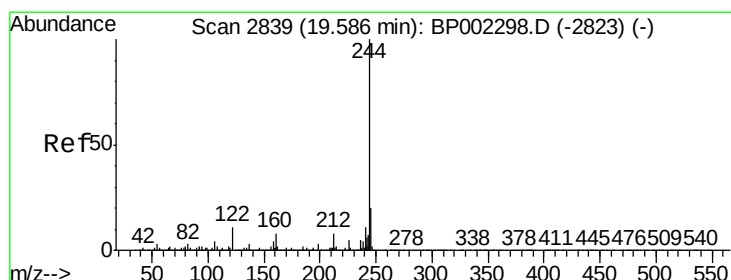
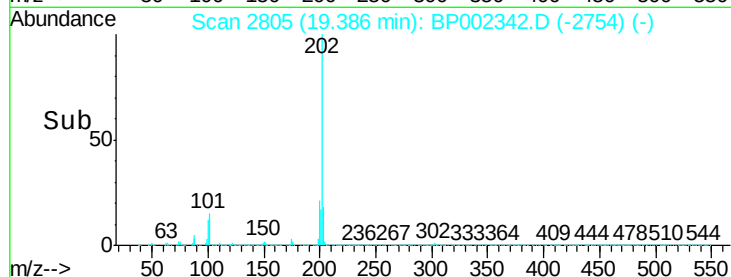
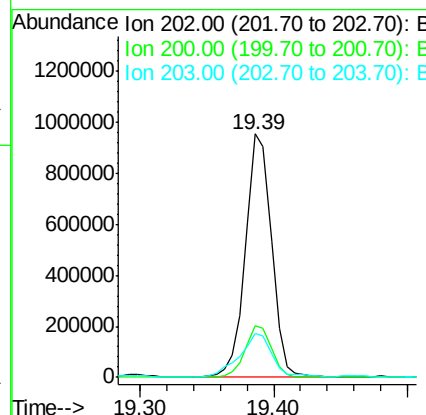
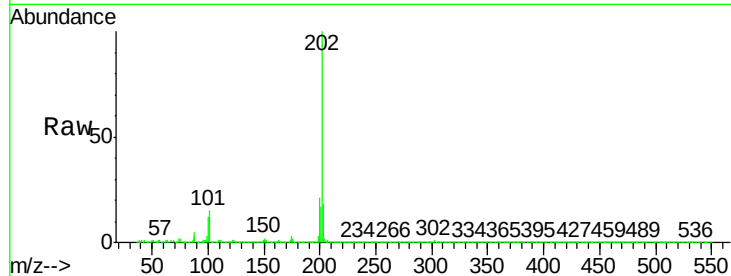
#78
Pvrene
Concen: 12.311 ng
RT: 19.39 min Scan# 2805
Delta R.T. 0.00 min
Lab File: BP002342.D
Acq: 01 Jun 2020 16:52

Instrument :
BNA_P
ClientSampleId :
NM109-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.3	25.9
203	18.2	13.8	20.6

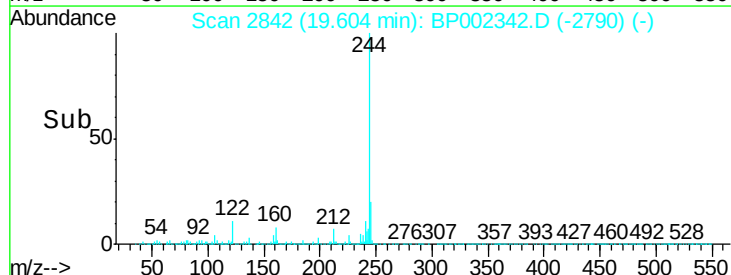
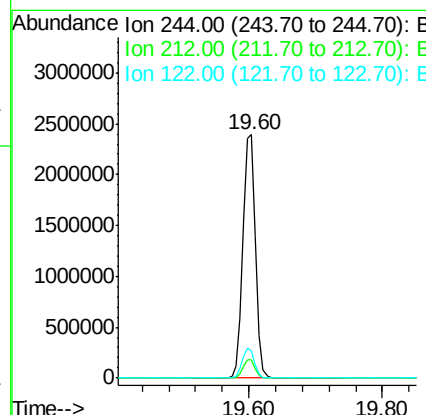
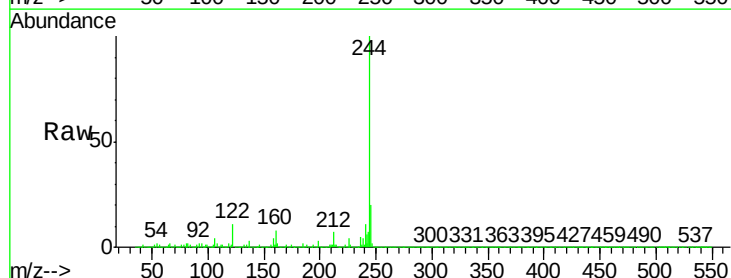
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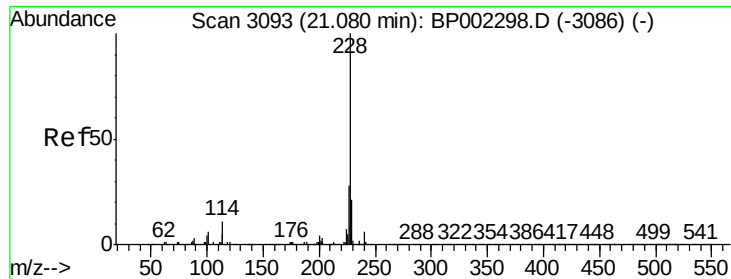
mohammad
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#79
Terphenyl-d14
Concen: 45.844 ng
RT: 19.60 min Scan# 2842
Delta R.T. 0.01 min
Lab File: BP002342.D
Acq: 01 Jun 2020 16:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	11.0	9.4	14.0





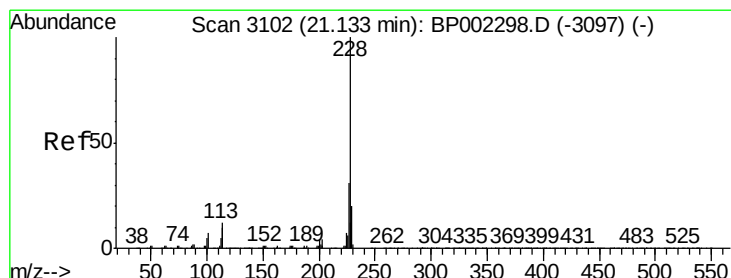
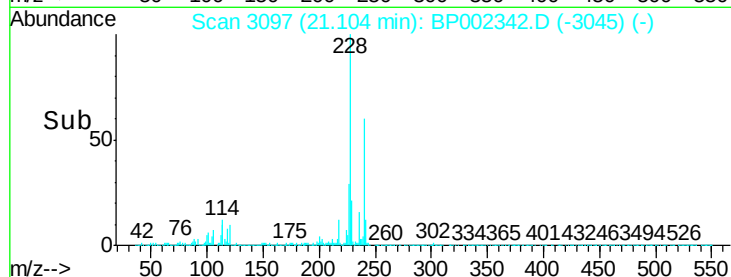
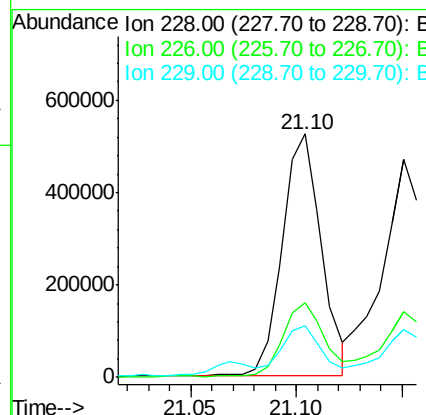
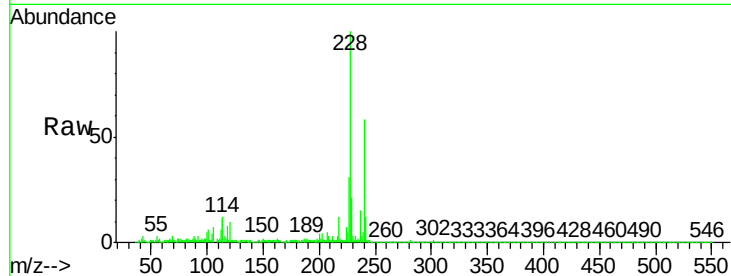
#81
Benzo(a)anthracene
Concen: 7.035 ng
RT: 21.10 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BP002342.D
Acq: 01 Jun 2020 16:52

Instrument :
BNA_P
ClientSampleId :
NM109-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.7	34.1
229	21.3	16.3	24.5

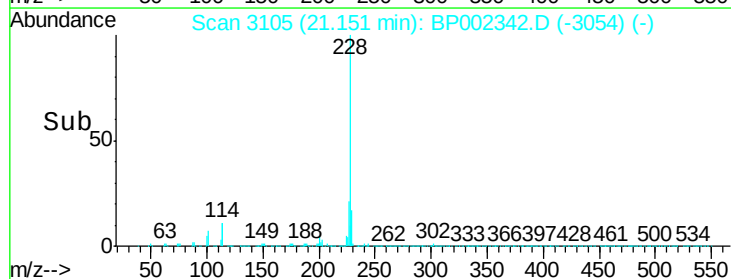
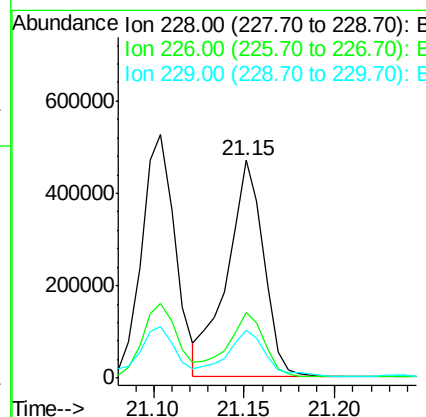
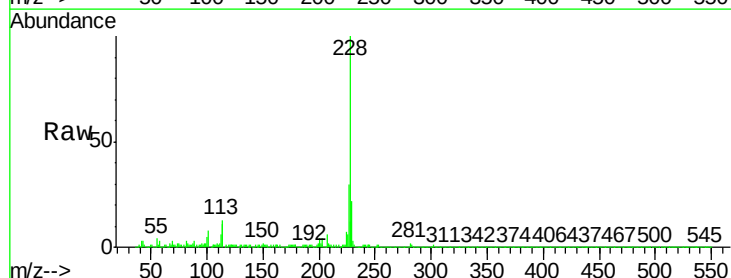
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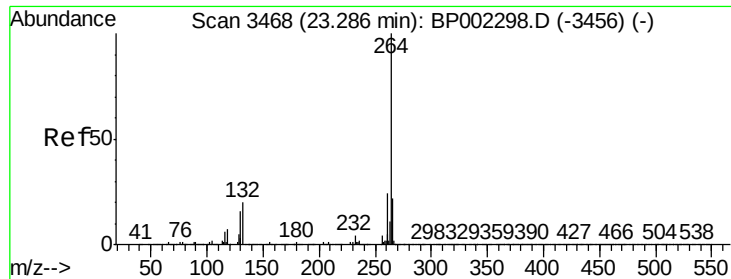
mohammad
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#83
Chrysene
Concen: 7.147 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BP002342.D
Acq: 01 Jun 2020 16:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.8	16.2	24.4





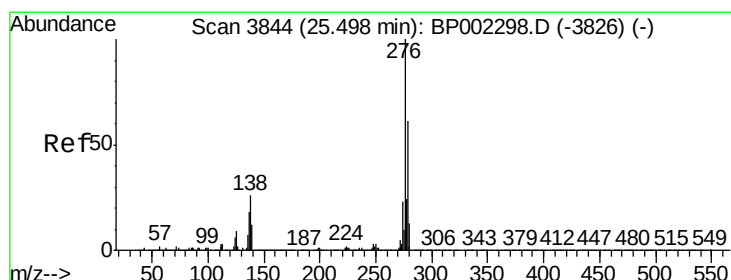
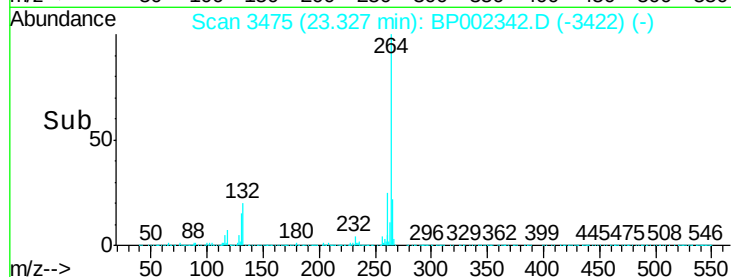
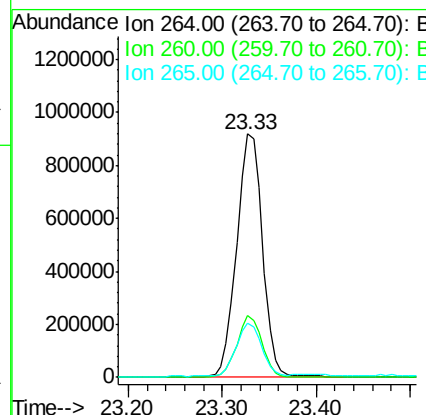
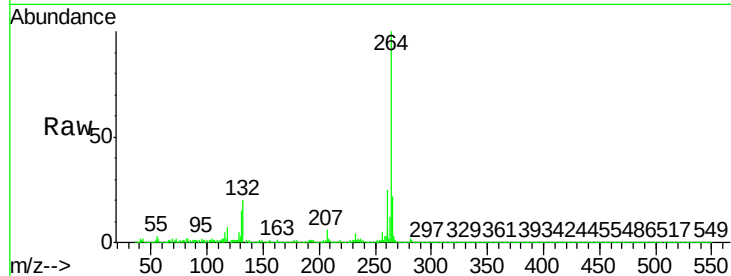
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3475
Delta R.T. 0.01 min
Lab File: BP002342.D
Acq: 01 Jun 2020 16:52

Instrument :
BNA_P
ClientSampleId :
NM109-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.4	29.2
265	22.5	17.8	26.6

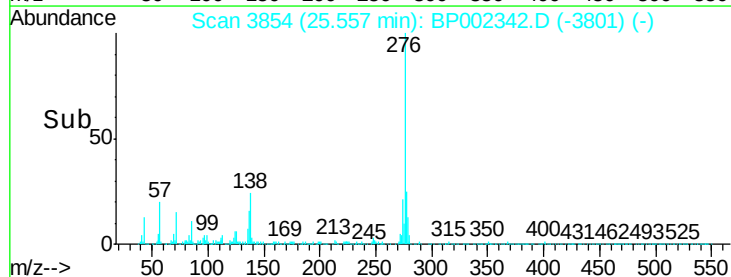
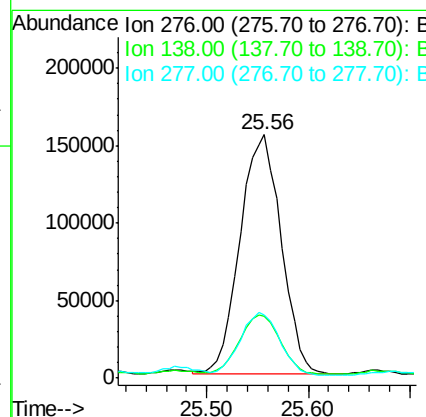
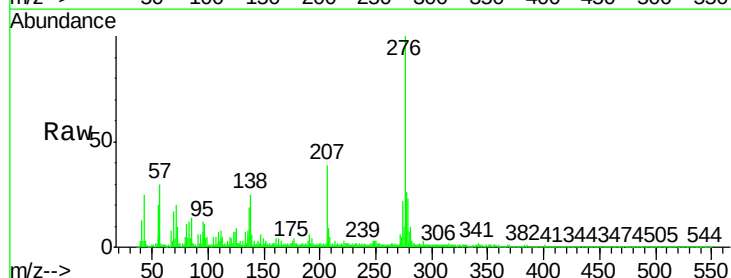
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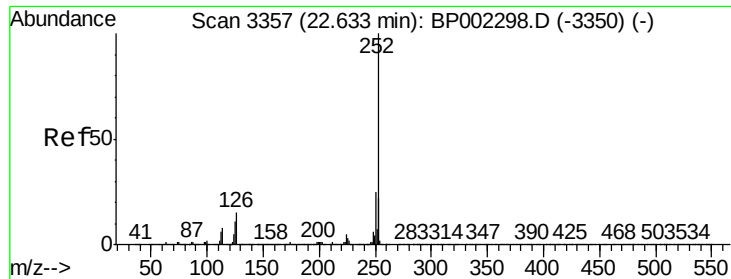
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.027 ng
RT: 25.56 min Scan# 3854
Delta R.T. 0.01 min
Lab File: BP002342.D
Acq: 01 Jun 2020 16:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	18.2	27.4
277	25.6	20.2	30.2





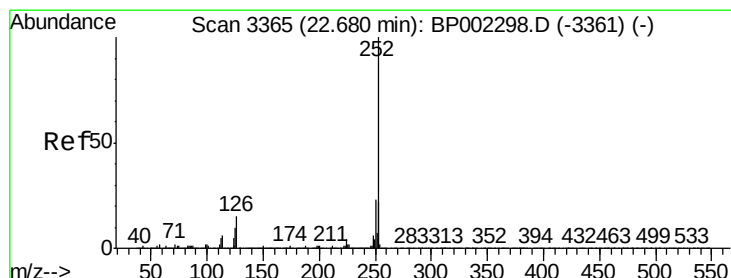
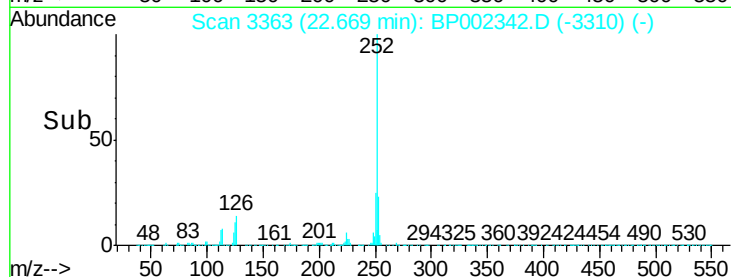
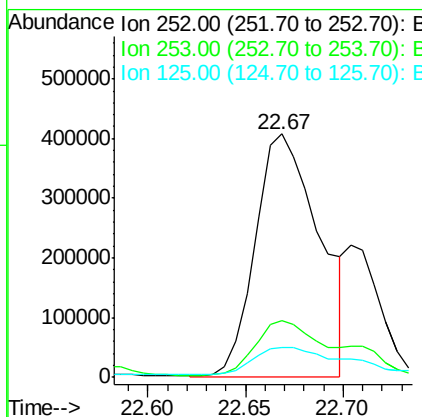
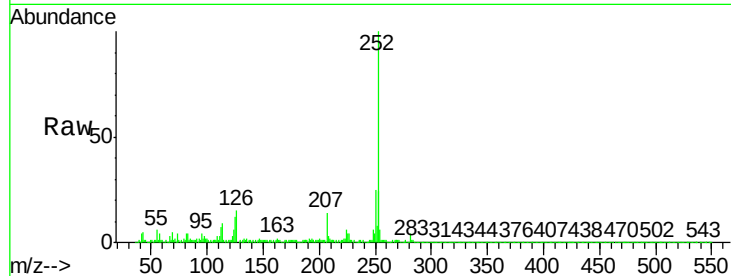
#88
Benzo(b)fluoranthene
Concen: 9.752 ng m
RT: 22.67 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BP002342.D
Acq: 01 Jun 2020 16:52

Instrument :
BNA_P
ClientSampleId :
NM109-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	12.4	7.2	10.8

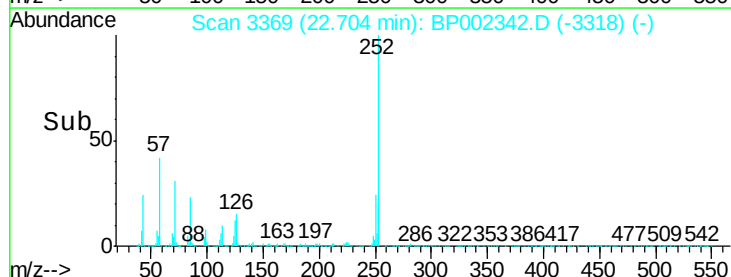
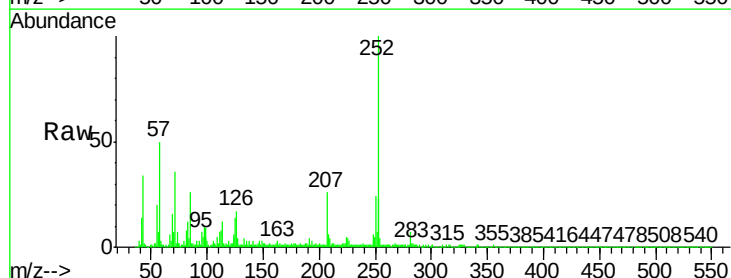
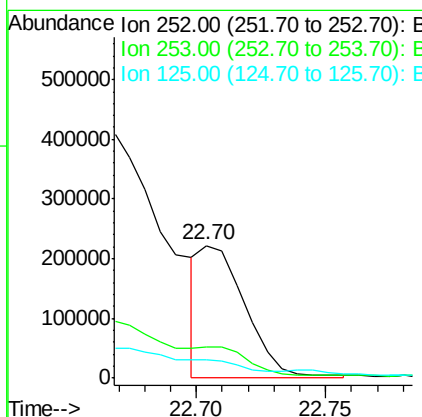
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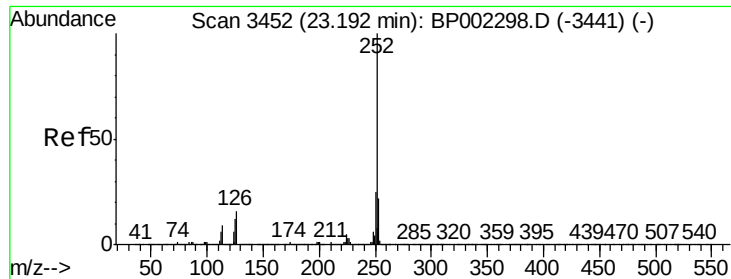
mohammad
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#89
Benzo(k)fluoranthene
Concen: 2.949 ng m
RT: 22.70 min Scan# 3369
Delta R.T. 0.00 min
Lab File: BP002342.D
Acq: 01 Jun 2020 16:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	13.7	7.4	11.2





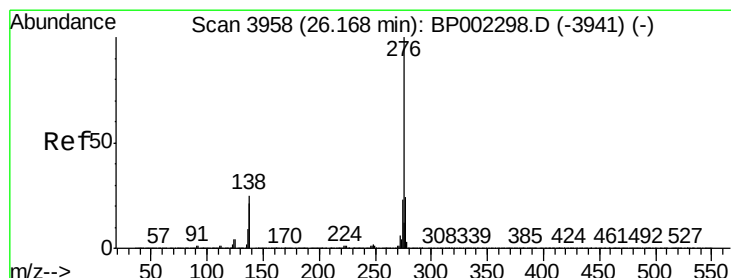
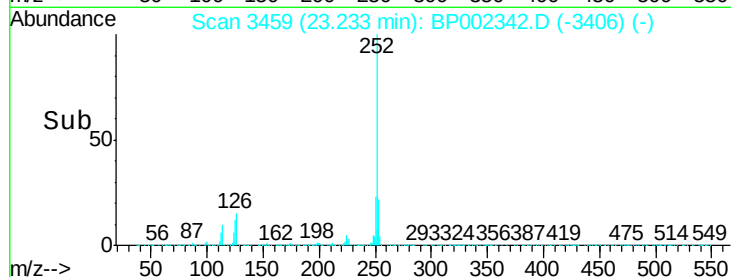
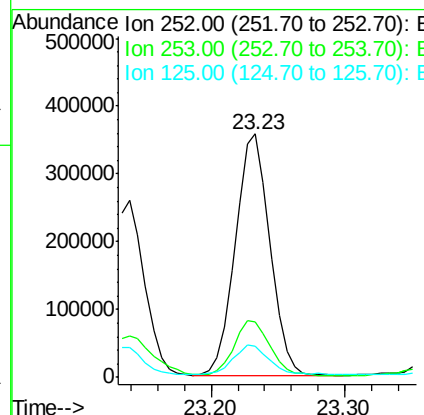
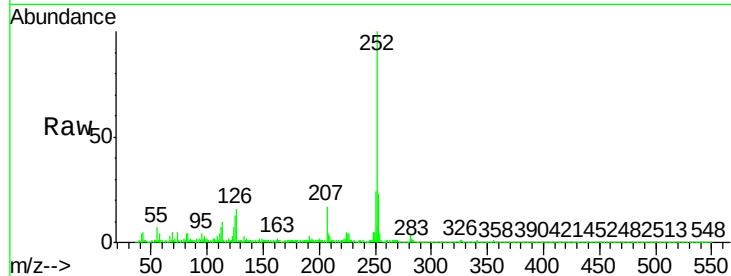
#90
Benzo(a)pyrene
Concen: 7.263 ng
RT: 23.23 min Scan# 3459
Delta R.T. 0.01 min
Lab File: BP002342.D
Acq: 01 Jun 2020 16:52

Instrument :
BNA_P
ClientSampleId :
NM109-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	13.0	8.4	12.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.021 ng
RT: 26.23 min Scan# 3969
Delta R.T. 0.02 min
Lab File: BP002342.D
Acq: 01 Jun 2020 16:52

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

