

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
 Data File : BP002324.D
 Acq On : 29 May 2020 20:18
 Operator : CG/JU
 Sample : L2746-05 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: May 30 02:08:12 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	310837	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1286784	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	773320	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1646849	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1458926	20.00	ng	0.00
86) Perylene-d12	23.32	264	1527440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	700073	42.30	ng	0.00
7) Phenol-d6	6.79	99	974463	43.28	ng	0.00
23) Nitrobenzene-d5	8.75	82	622137	29.07	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	320760	43.76	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1392138	31.77	ng	0.00
79) Terphenyl-d14	19.59	244	2019079	33.52	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	429068	8.197	ng	99
71) Phenanthrene	17.05	178	374495	4.801	ng	98
75) Fluoranthene	19.03	202	776268	8.640	ng	99
78) Pyrene	19.38	202	740213	8.148	ng	99
81) Benzo(a)anthracene	21.09	228	407720	4.882	ng	99
83) Chrysene	21.14	228	382911	4.777	ng	98
87) Indeno(1,2,3-cd)pyrene	25.53	276	258546	2.735	ng	97
88) Benzo(b)fluoranthene	22.66	252	527270	6.332	ng	# 96
89) Benzo(k)fluoranthene	22.70	252	166096m	2.078	ng	
90) Benzo(a)pyrene	23.22	252	374114	4.843	ng	# 94
92) Benzo(g,h,i)perylene	26.20	276	268274	3.412	ng	# 93

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

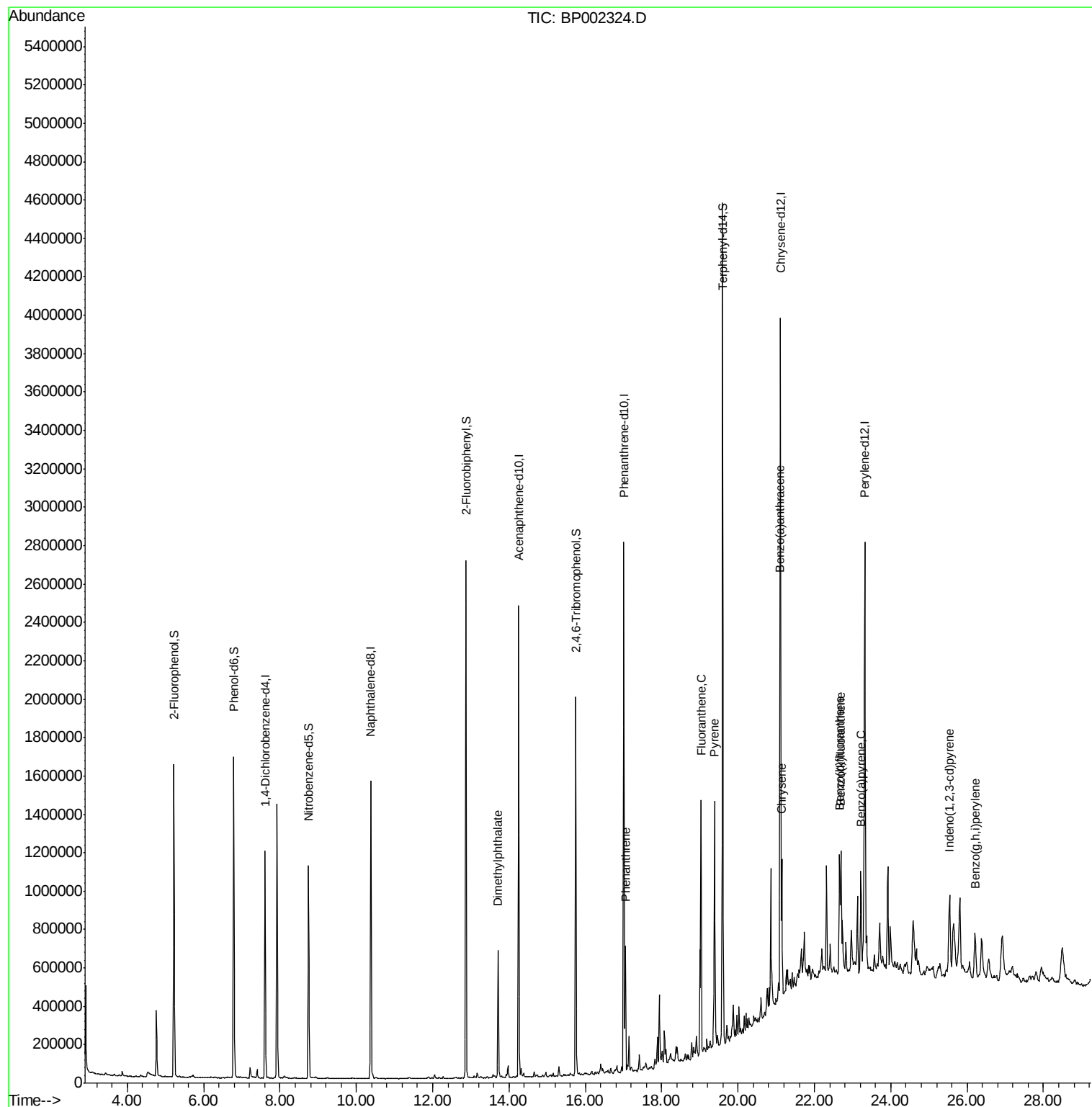
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002324.D
Acq On : 29 May 2020 20:18
Operator : CG/JU
Sample : L2746-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

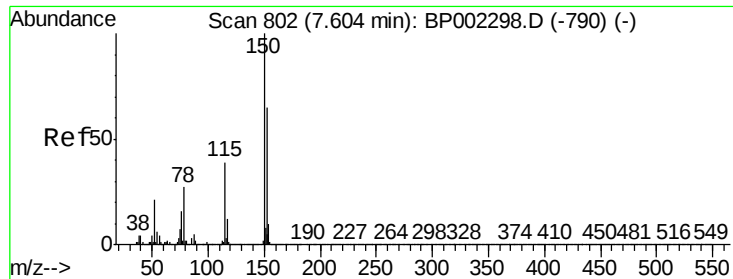
Instrument :
BNA_P
ClientSampleId :
NM109-COMP-2020-0-6

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Quant Time: May 30 02:08:12 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

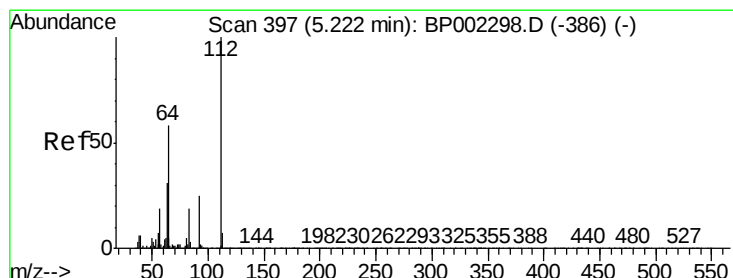
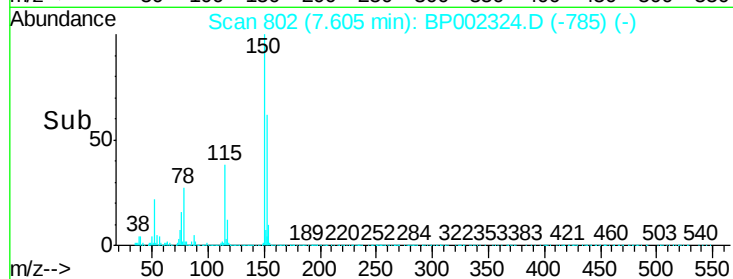
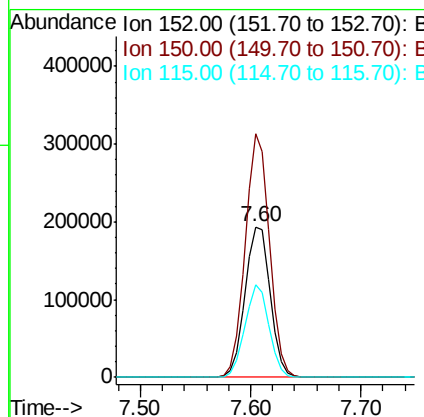
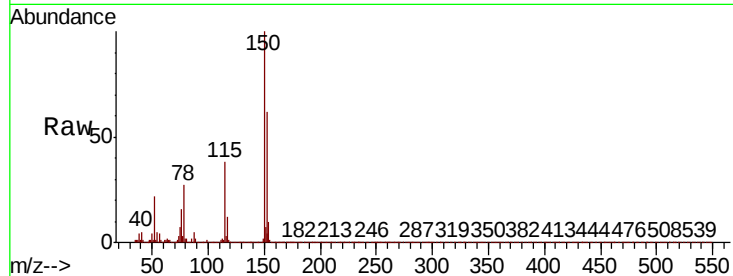
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	124.7	187.1
115	61.8	49.4	74.2

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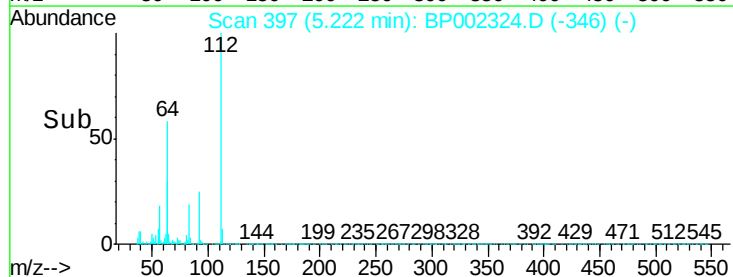
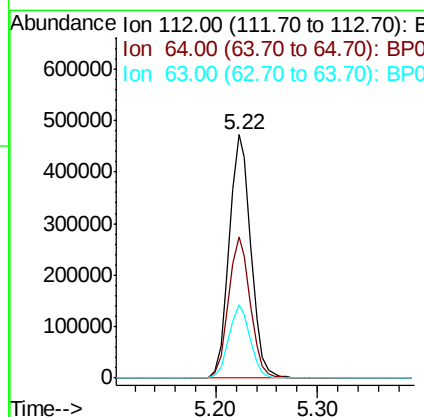
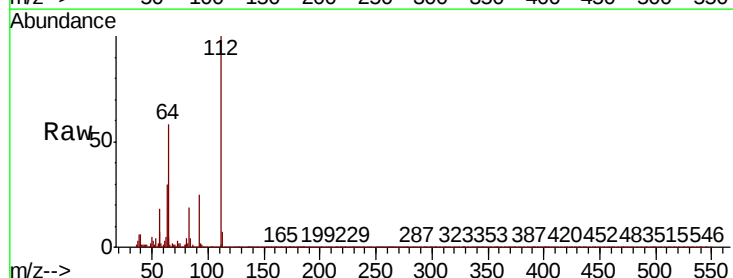
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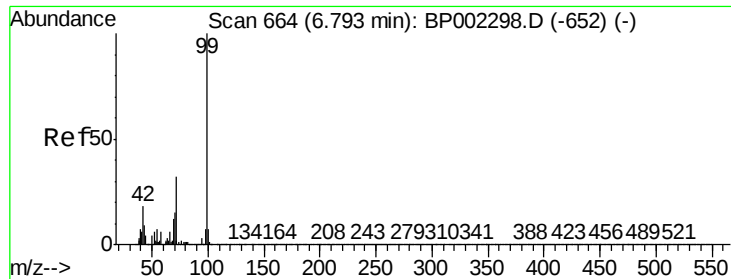


#5

2-Fluorophenol
Concen: 42.300 ng
RT: 5.22 min Scan# 397
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.0	70.4
63	30.1	24.0	36.0





#7

Phenol-d6

Concen: 43.283 ng

RT: 6.79 min Scan# 663

Delta R.T. -0.01 min

Lab File: BP002324.D

Acq: 29 May 2020 20:18

Instrument :

BNA_P

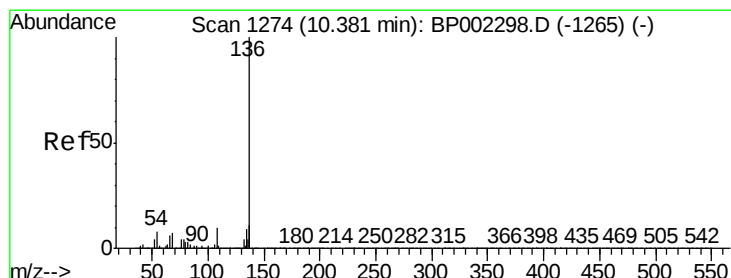
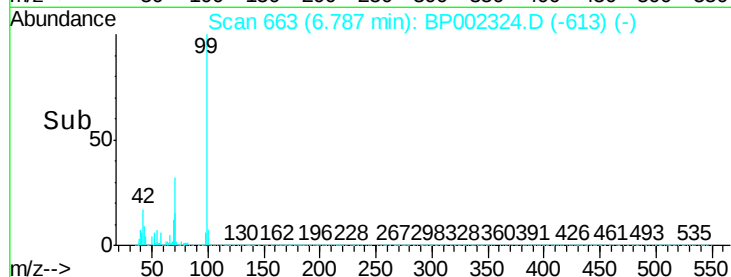
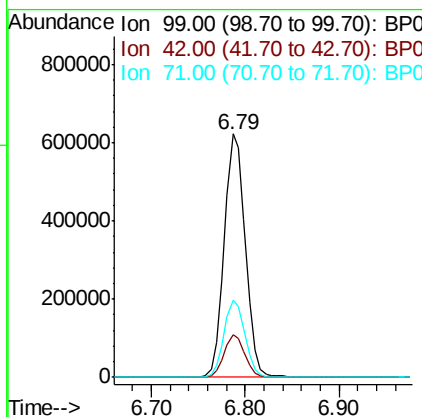
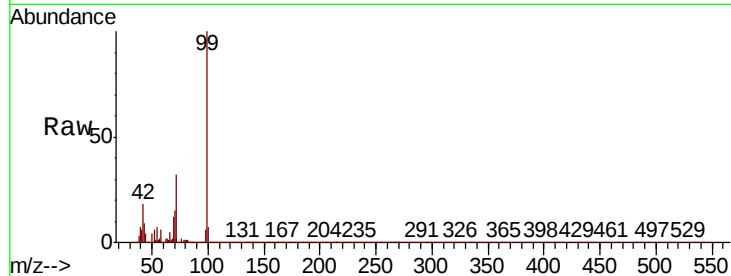
ClientSampleId :

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Tot Ion:	99	Resp:	974463
Ion Ratio	Lower	Upper	
99	100		
42	17.5	13.9	20.9
71	31.9	25.8	38.8

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#21

Naphthalene-d8

Concen: 20.000 ng

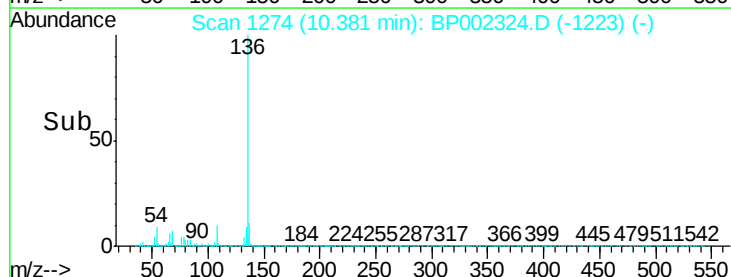
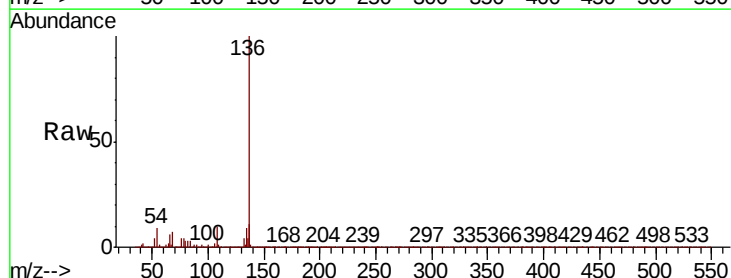
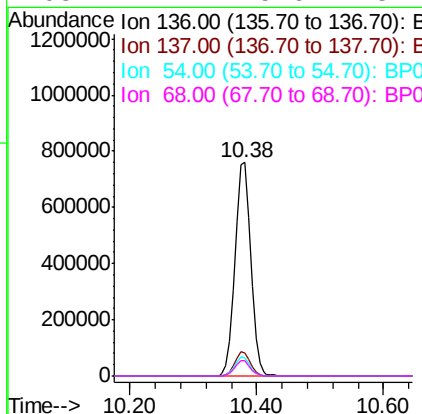
RT: 10.38 min Scan# 1274

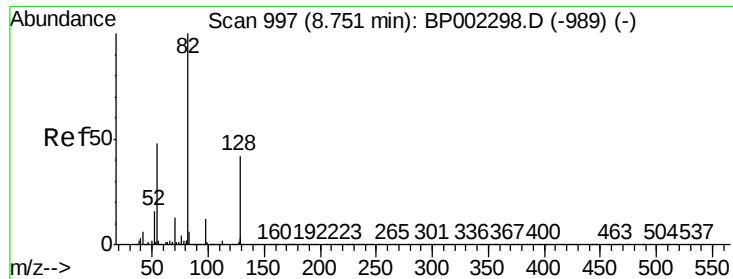
Delta R.T. -0.00 min

Lab File: BP002324.D

Acq: 29 May 2020 20:18

Tgt Ion:	136	Resp:	1286784
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.8	13.2
54	8.5	6.9	10.3
68	7.2	5.6	8.4





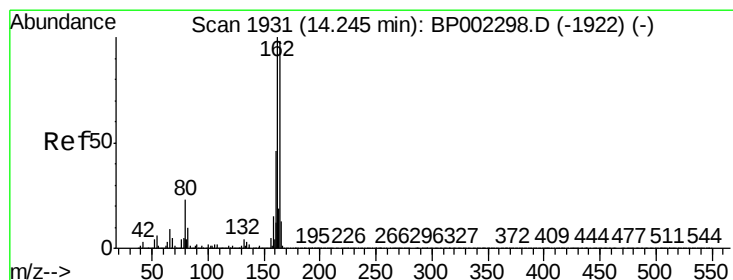
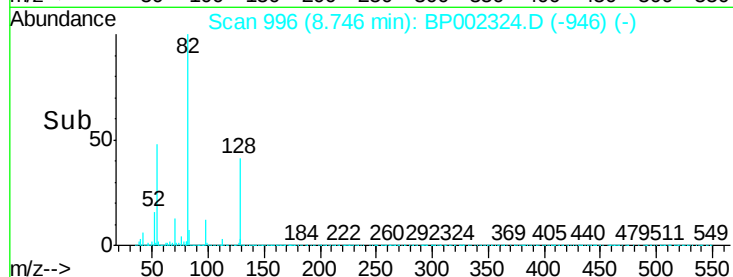
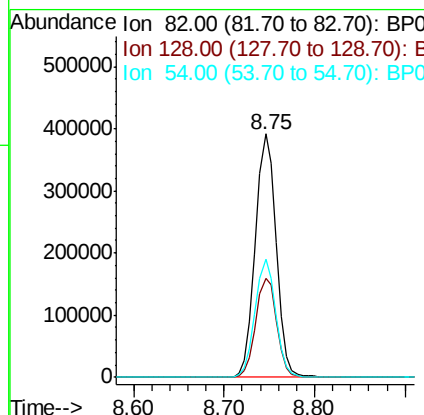
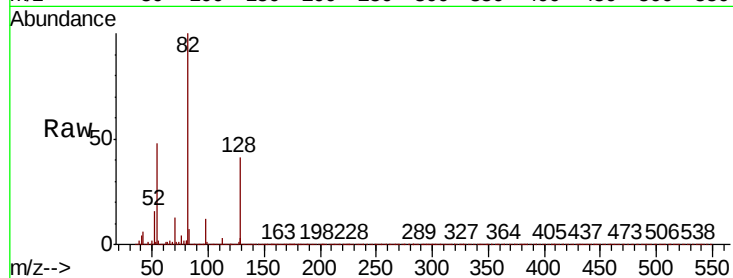
#23
Nitrobenzene-d5
Concen: 29.068 ng
RT: 8.75 min Scan# 996
Delta R.T. -0.01 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

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

Tot Ion	82	Resp	622137
Ion Ratio	Lower	Upper	
82	100		
128	40.8	33.4	50.0
54	48.4	38.3	57.5

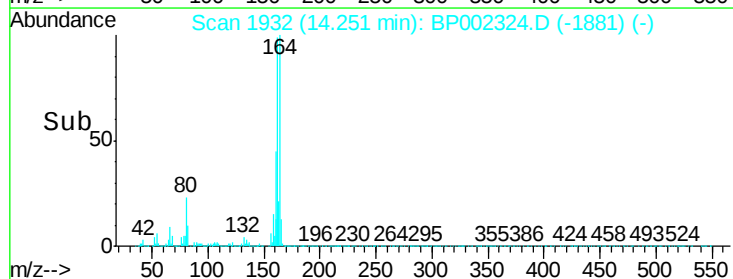
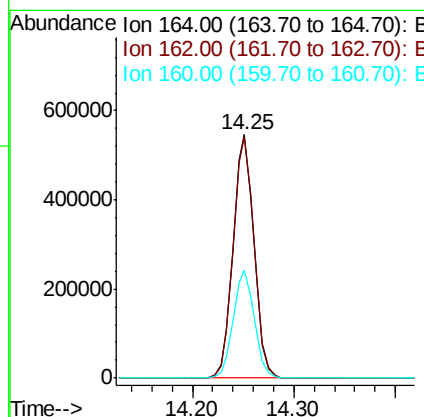
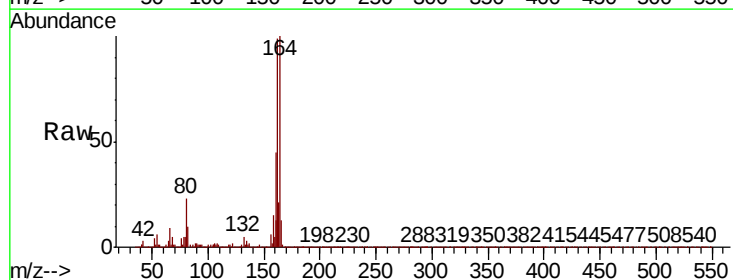
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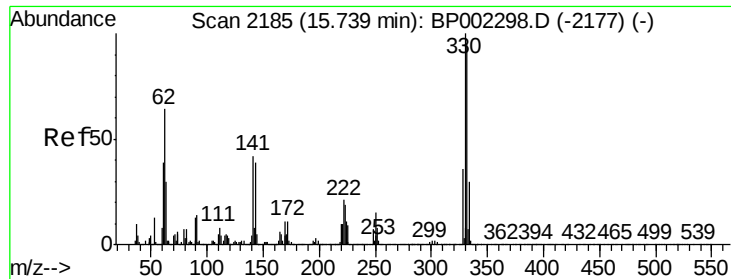
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion	164	Resp	773320
Ion Ratio	Lower	Upper	
164	100		
162	99.2	81.3	121.9
160	44.6	37.2	55.8





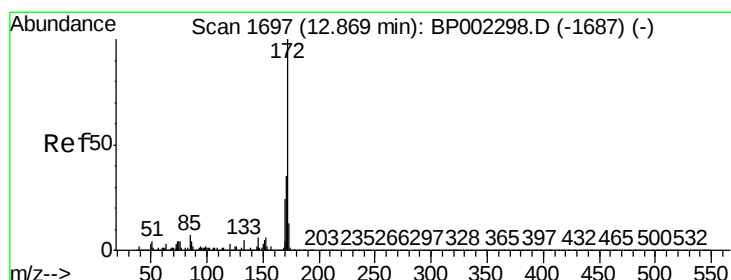
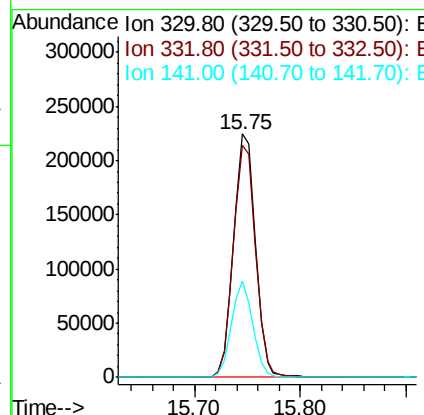
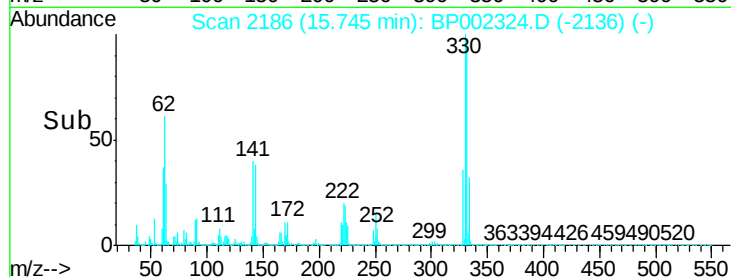
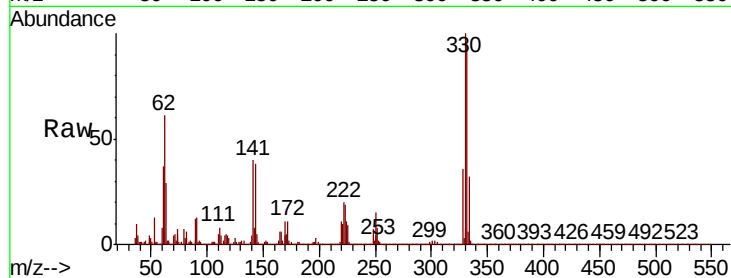
#42
 2,4,6-Tribromophenol
 Concen: 43.765 ng
 RT: 15.75 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BP002324.D
 Acq: 29 May 2020 20:18

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	76.9	115.3	
141	38.4	31.4	47.2	

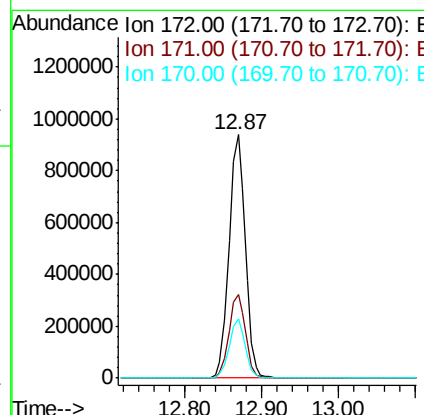
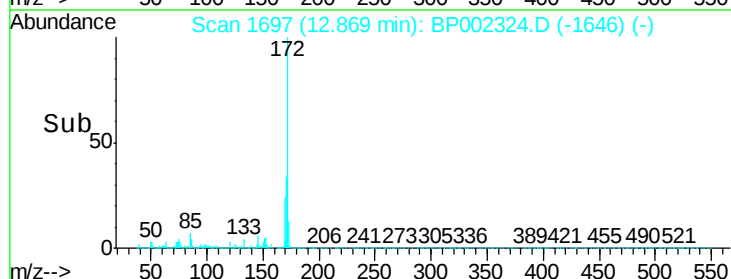
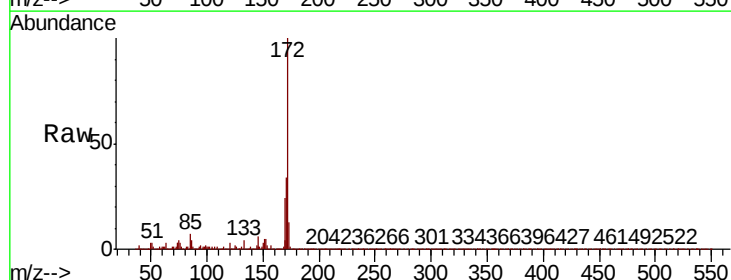
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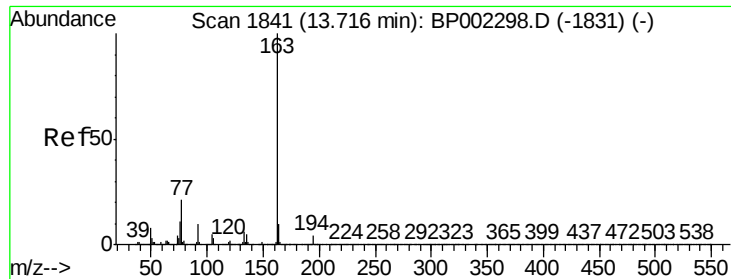
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#45
 2-Fluorobiphenyl
 Concen: 31.765 ng
 RT: 12.87 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BP002324.D
 Acq: 29 May 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.1	27.6	41.4	
170	24.2	18.9	28.3	





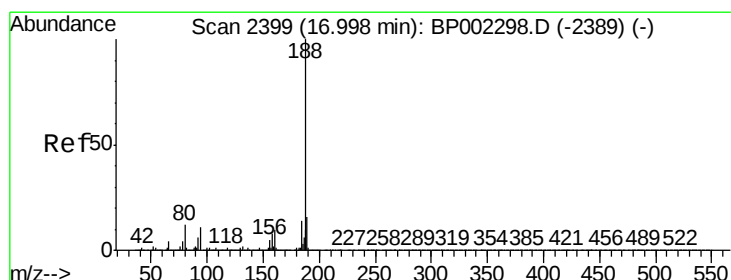
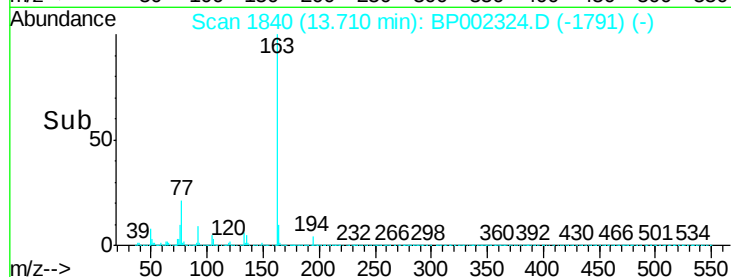
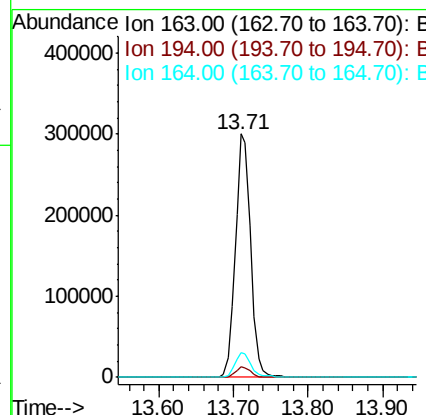
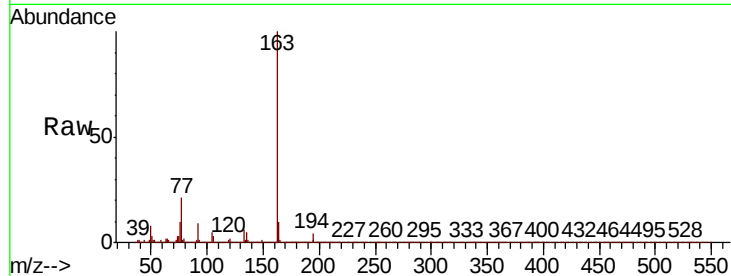
#50
Dimethylphthalate
Concen: 8.197 ng
RT: 13.71 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	8.1	12.1

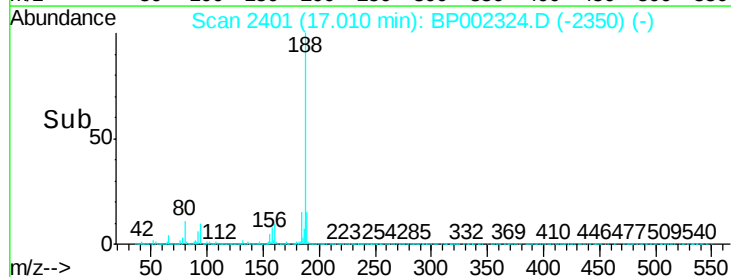
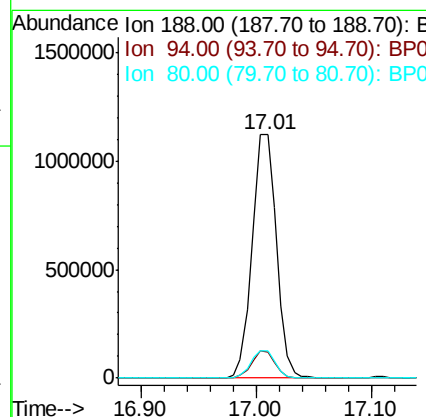
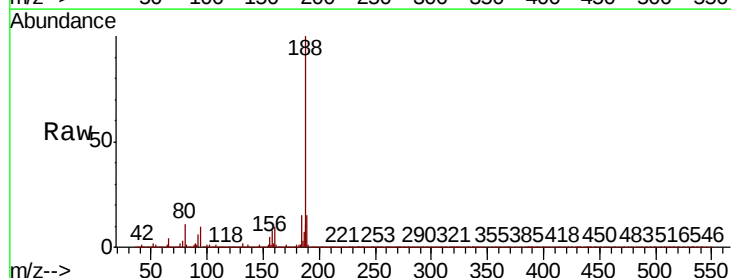
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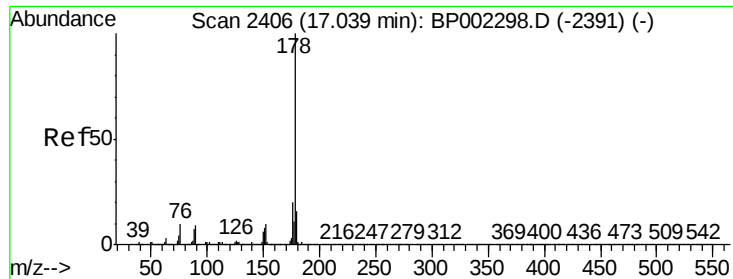
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.7	13.1
80	11.0	9.3	13.9





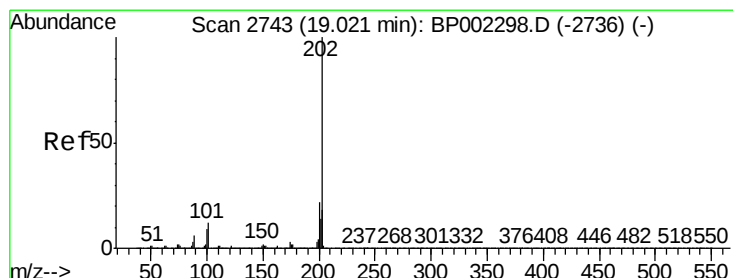
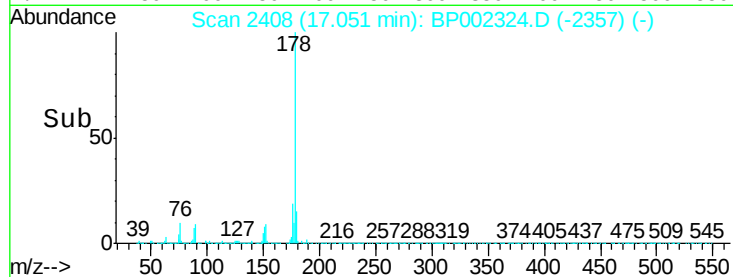
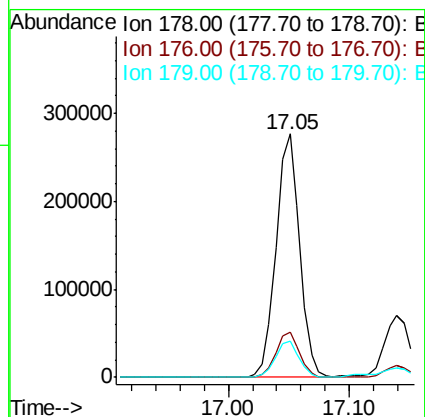
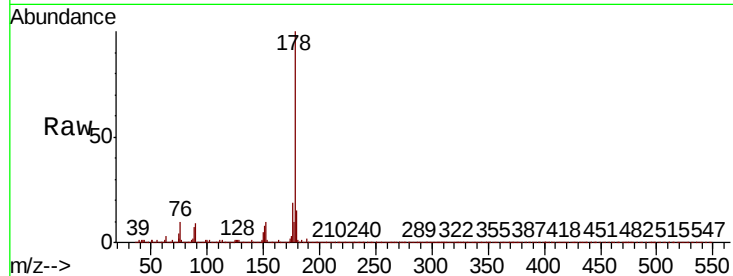
#71
Phenanthrene
Concen: 4.801 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	14.9	12.6	18.8

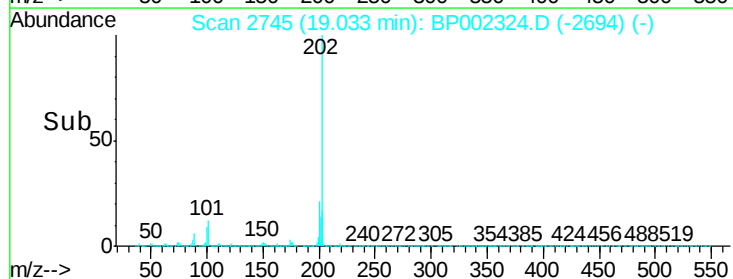
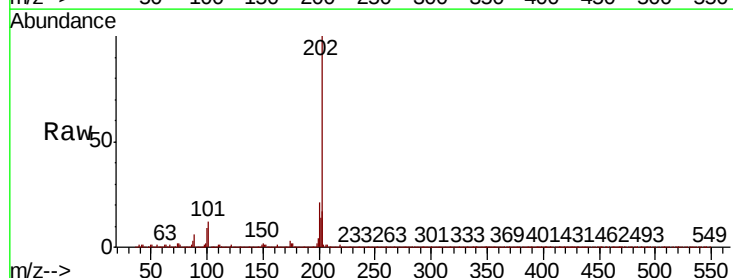
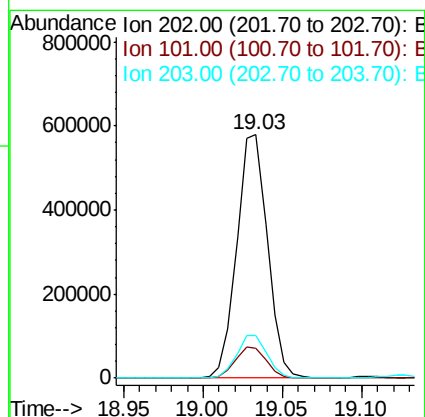
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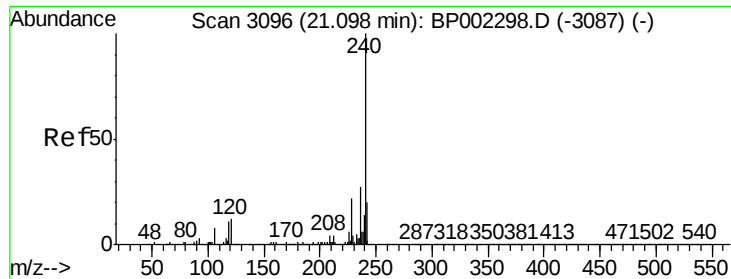
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#75
Fluoranthene
Concen: 8.640 ng
RT: 19.03 min Scan# 2745
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.1
203	17.3	0.0	37.6





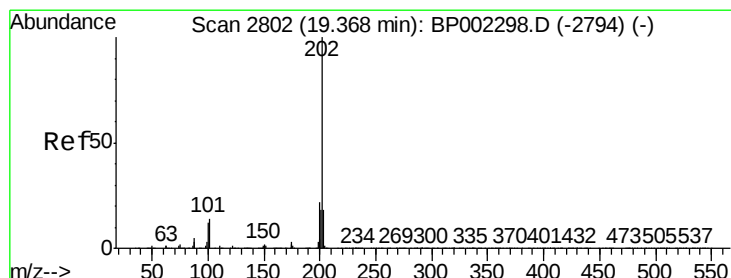
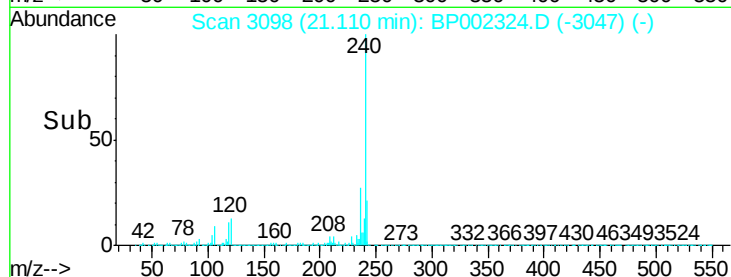
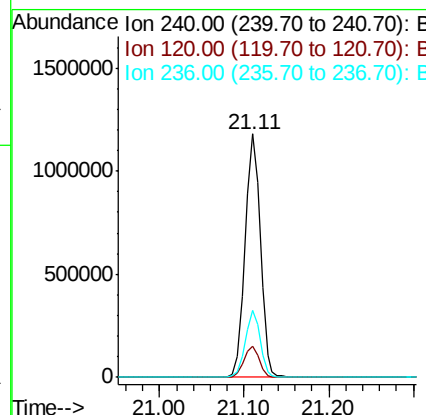
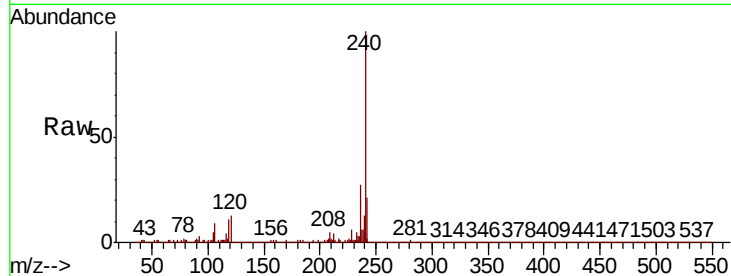
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.11 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

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

Tot Ion:240 Resp: 1458926
Ion Ratio Lower Upper
240 100
120 13.0 8.7 13.1
236 27.5 21.0 31.4

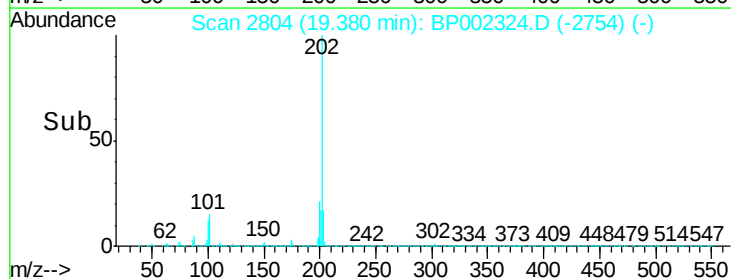
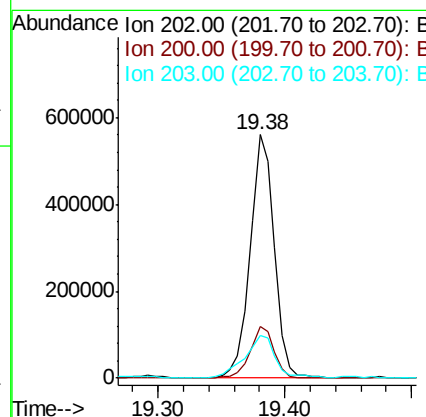
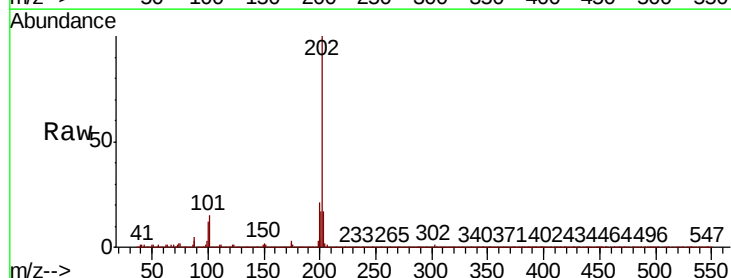
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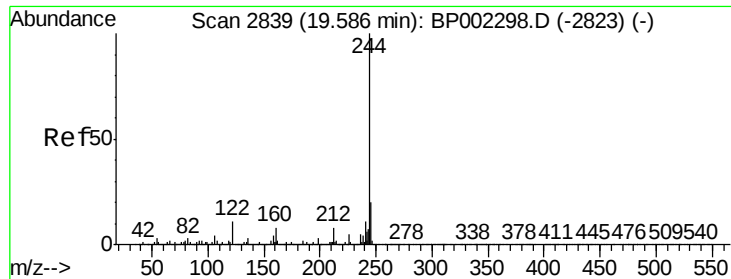
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#78
Pyrene
Concen: 8.148 ng
RT: 19.38 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion:202 Resp: 740213
Ion Ratio Lower Upper
202 100
200 21.2 17.3 25.9
203 17.5 13.8 20.6





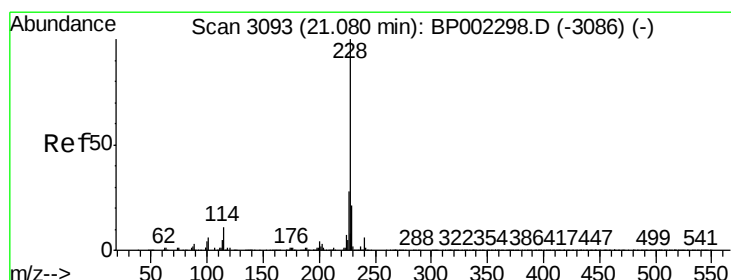
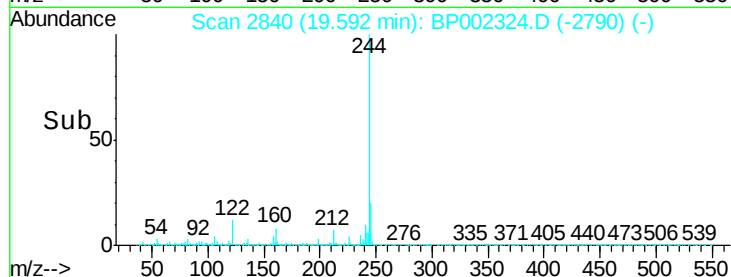
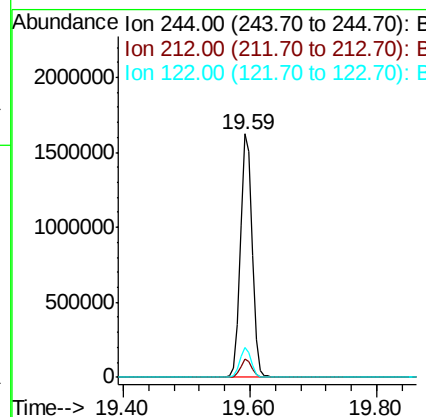
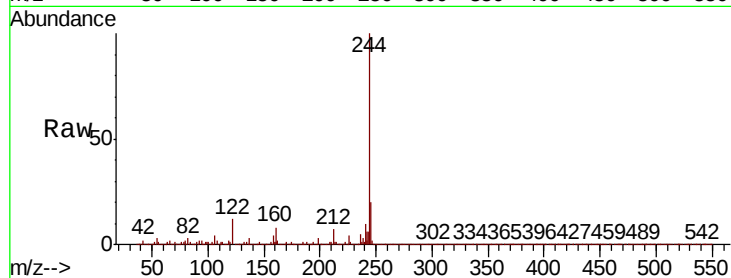
#79
 Terphenyl-d14
 Concen: 33.515 ng
 RT: 19.59 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BP002324.D
 Acq: 29 May 2020 20:18

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	12.1	9.4	14.0

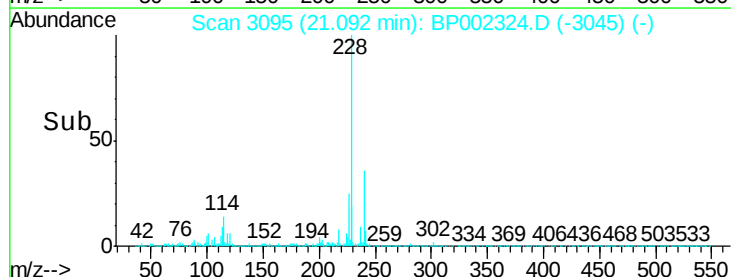
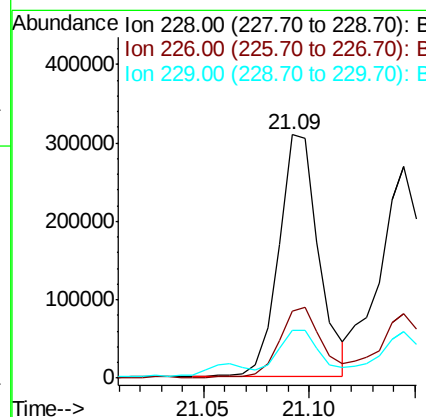
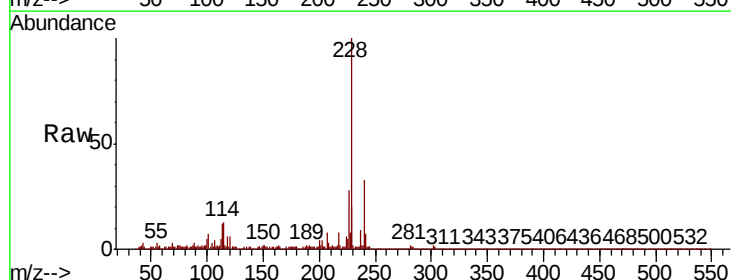
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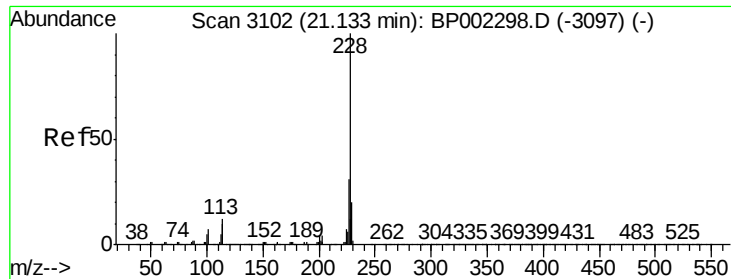
mohammad
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#81
 Benzo(a)anthracene
 Concen: 4.882 ng
 RT: 21.09 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BP002324.D
 Acq: 29 May 2020 20:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.7	34.1
229	19.7	16.3	24.5





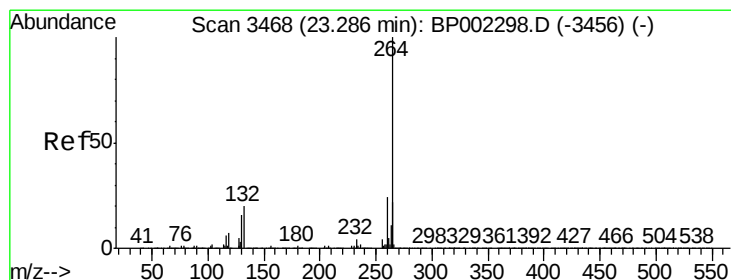
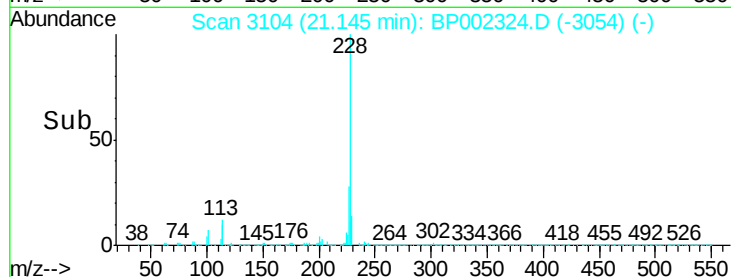
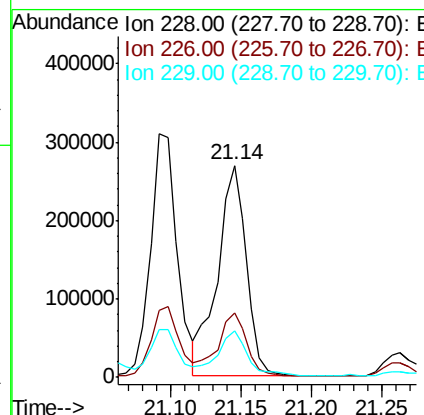
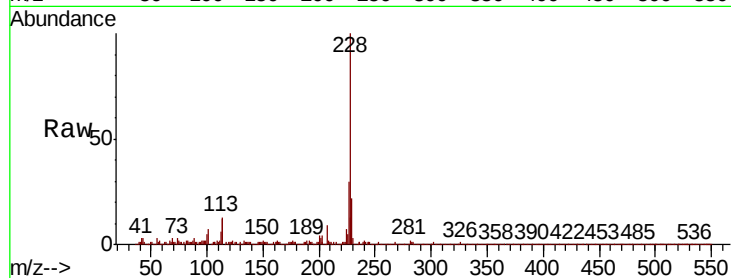
#83
Chrysene
Concen: 4.777 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.1	16.2	24.4

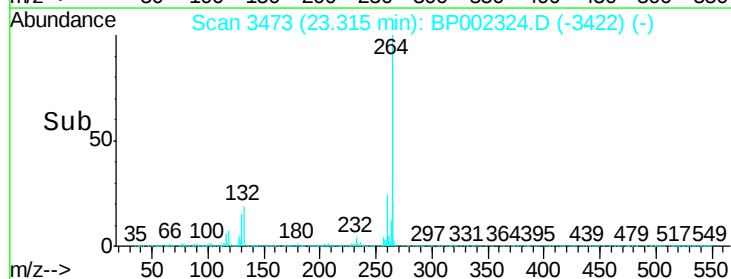
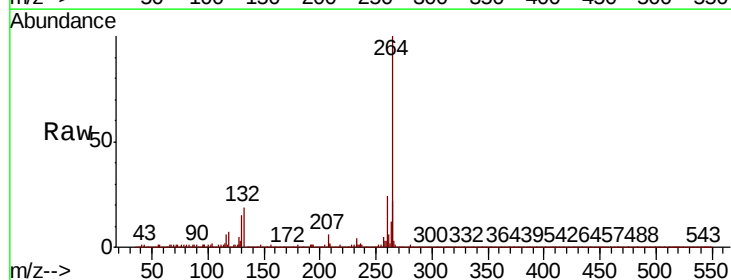
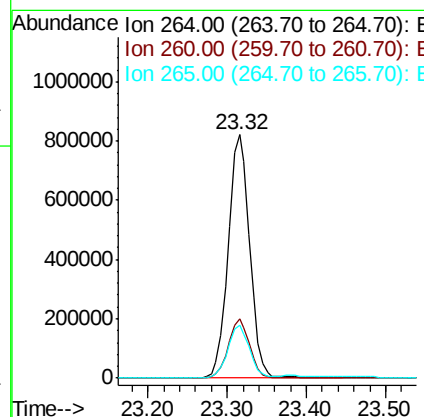
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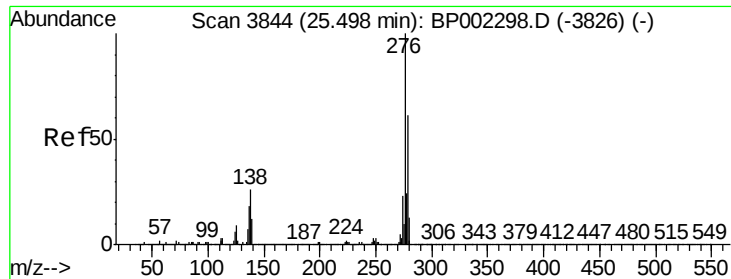
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3473
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.5	17.8	26.6





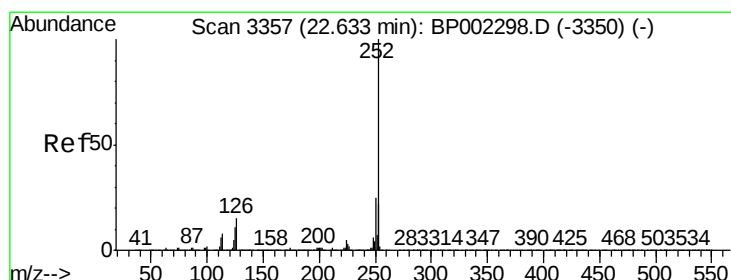
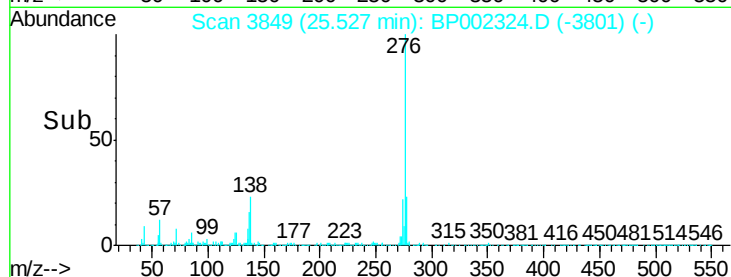
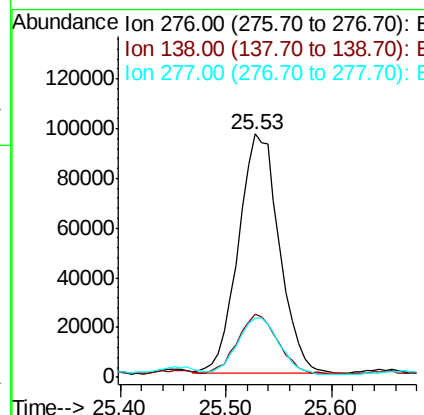
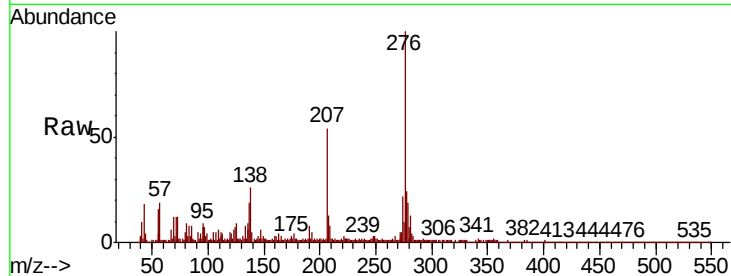
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.735 ng
RT: 25.53 min Scan# 3849
Delta R.T. -0.02 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	18.2	27.4
277	24.3	20.2	30.2

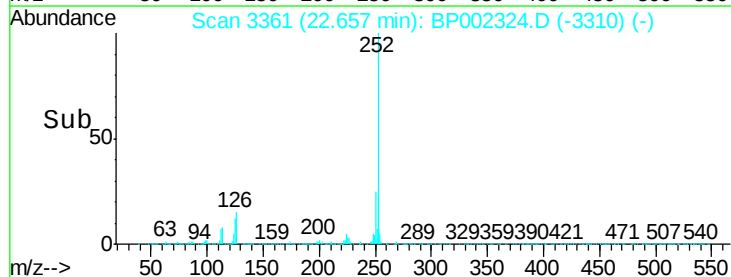
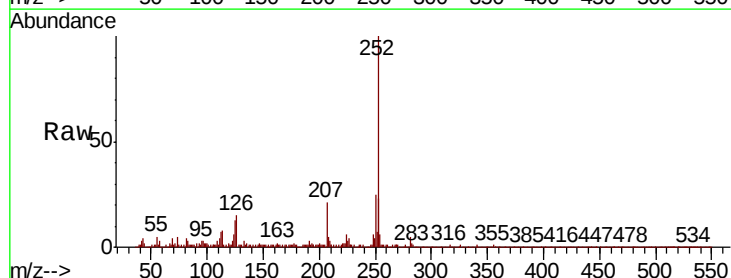
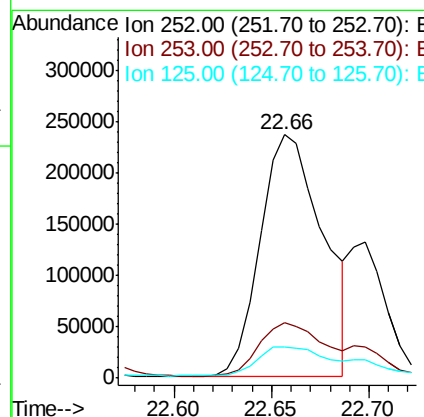
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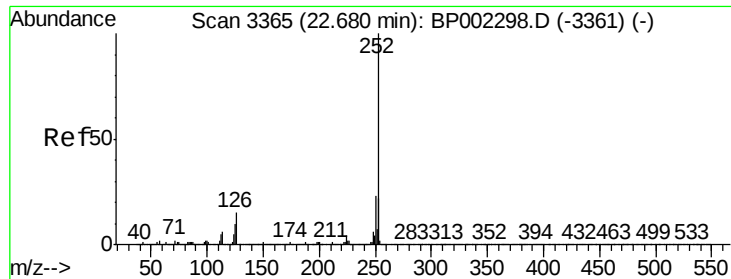
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#88
Benzo(b)fluoranthene
Concen: 6.332 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	12.9	7.2	10.8#





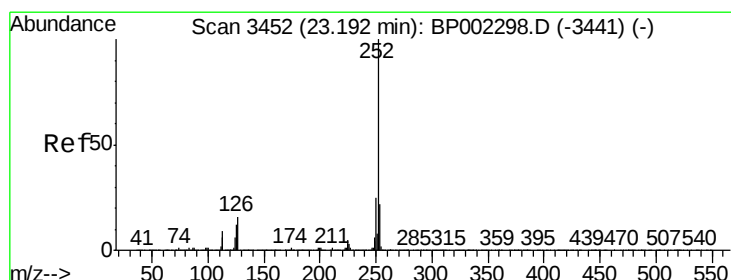
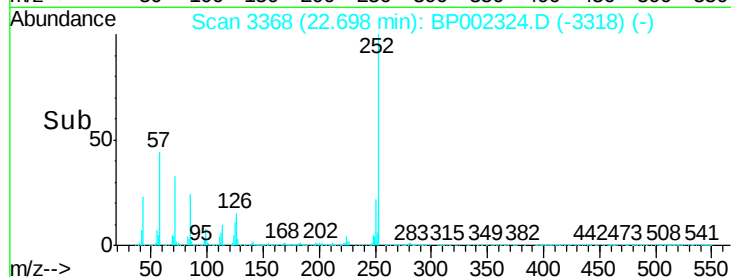
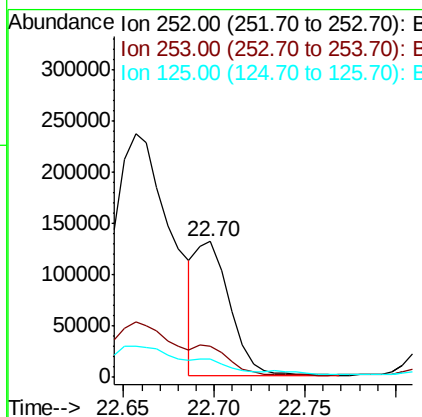
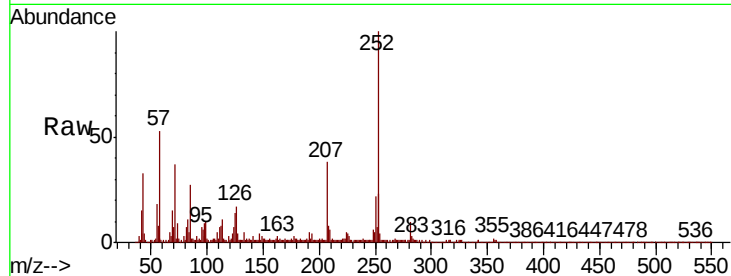
#89
Benzo(k)fluoranthene
Concen: 2.078 ng m
RT: 22.70 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	13.7	7.4	11.2

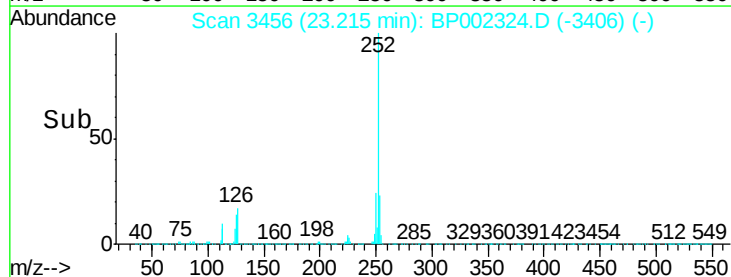
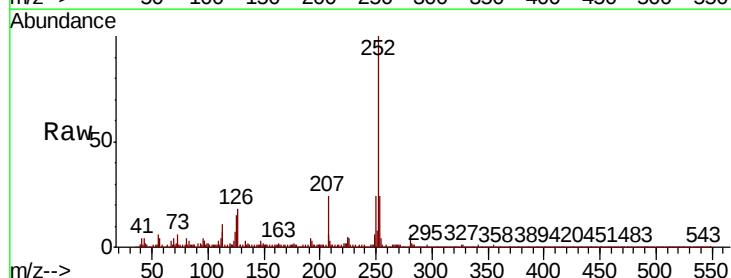
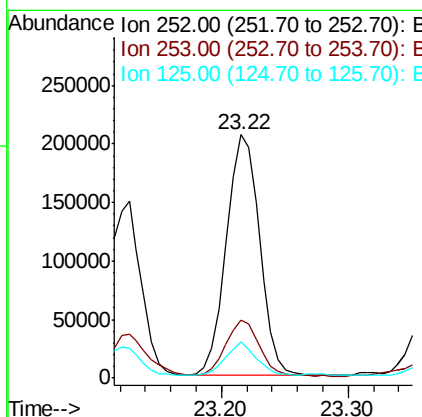
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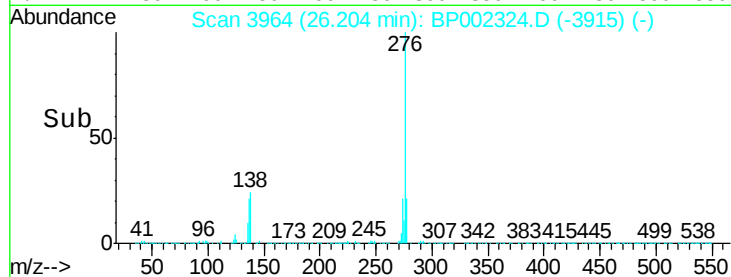
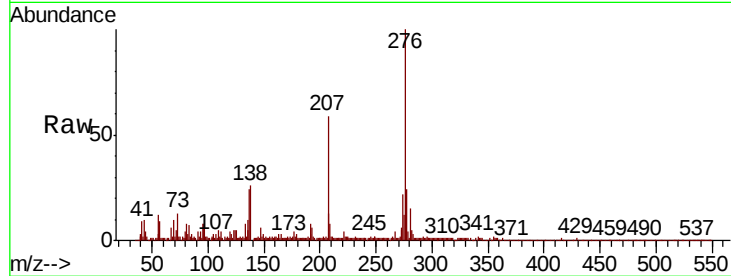
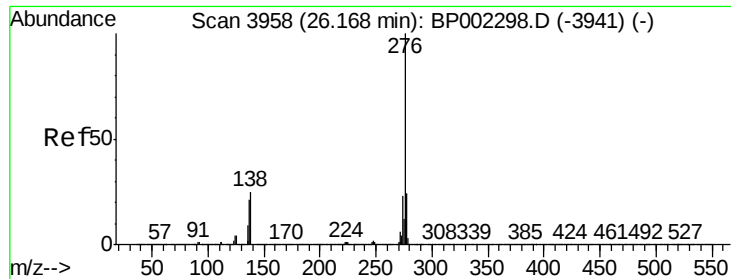
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#90
Benzo(a)pyrene
Concen: 4.843 ng
RT: 23.22 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	14.6	8.4	12.6





#92
 Benzo(a,h,i)perylene
 Concen: 3.412 ng
 RT: 26.20 min Scan# 3964
 Delta R.T. -0.01 min
 Lab File: BP002324.D
 Acq: 29 May 2020 20:18

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

Tot Ion:	276	Resp:	268274
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.6	28.0
138	25.7	16.0	24.0

Manual Integrations
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