

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
 Data File : BP000556.D
 Acq On : 07 Oct 2019 20:33
 Operator : JU
 Sample : K5141-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JC-02-100419

Manual Integrations
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Quant Time: Oct 08 07:24:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	277804	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1039981	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	575533	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	1027280	20.00	ng	0.00
76) Chrysene-d12	13.98	240	853199	20.00	ng	0.00
87) Perylene-d12	15.47	264	856929	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	723409	41.86	ng	0.00
7) Phenol-d6	6.40	99	951047	45.67	ng	0.00
23) Nitrobenzene-d5	7.32	82	474087	27.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	250529	40.85	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1134186	31.89	ng	0.00
79) Terphenyl-d14	12.92	244	1231667	29.23	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.52	163	177055	4.427	ng	99
71) Phenanthrene	11.33	178	346593	6.718	ng	100
72) Anthracene	11.39	178	104189	2.037	ng	100
75) Fluoranthene	12.54	202	665643	11.488	ng	99
78) Pyrene	12.77	202	608658	10.343	ng	99
81) Benzo(a)anthracene	13.97	228	332058	6.379	ng	# 93
83) Chrysene	14.01	228	287590	5.629	ng	96
86) Indeno(1,2,3-cd)pyrene	16.94	276	130280	2.041	ng	95
88) Benzo(b)fluoranthene	15.03	252	357416m	7.352	ng	
89) Benzo(k)fluoranthene	15.06	252	115881m	2.504	ng	
90) Benzo(a)pyrene	15.40	252	249678	5.509	ng	# 89
92) Benzo(a,h,i)perylene	17.39	276	114887	2.572	ng	94

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

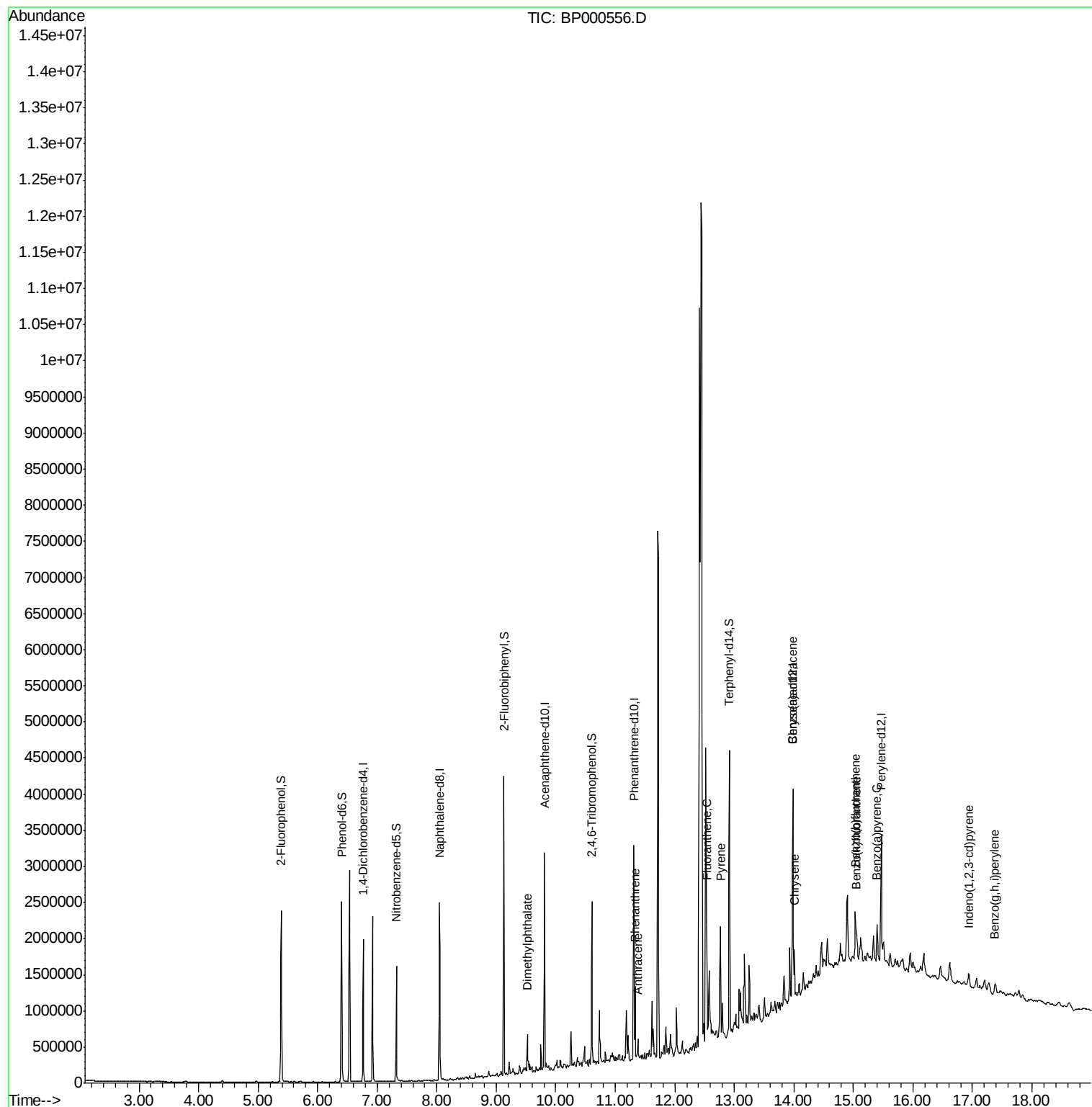
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
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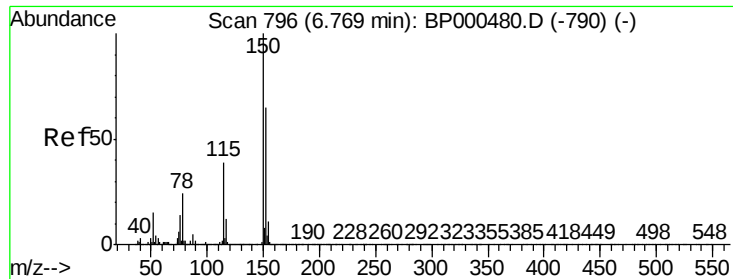
Instrument :
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JC-02-100419

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Quant Time: Oct 08 07:24:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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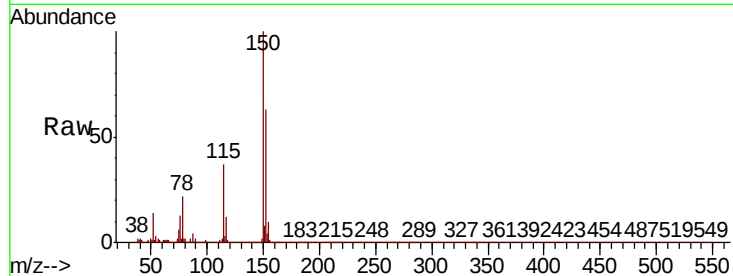
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BP000556.D
 Acq: 07 Oct 2019 20:33

Instrument :
 BNA_P
 ClientSampleId :
 JC-02-100419

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.1	186.1
115	58.4	48.7	73.1

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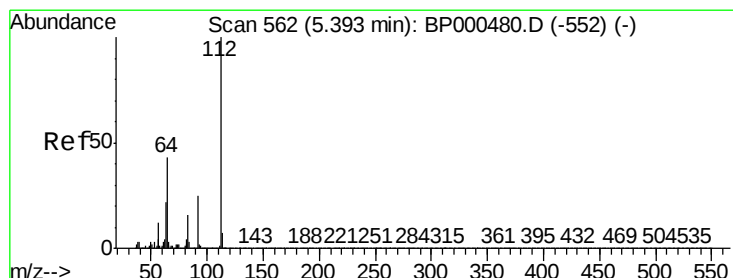
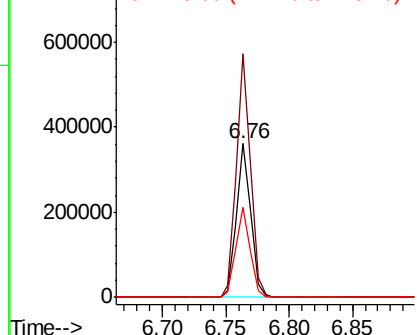
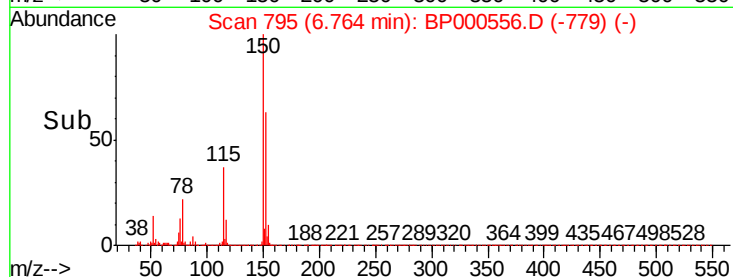


Abundance

Ion 152.00 (151.70 to 152.70): E

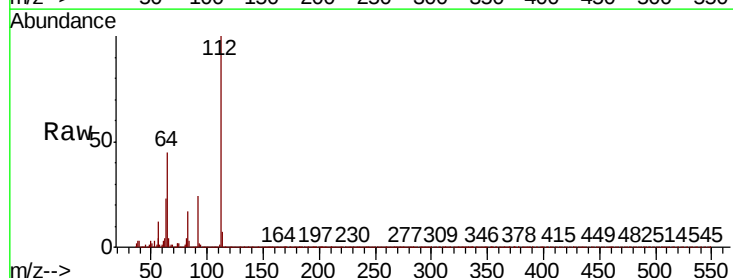
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 41.858 ng
 RT: 5.39 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BP000556.D
 Acq: 07 Oct 2019 20:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.7	34.2	51.4
63	22.5	17.9	26.9

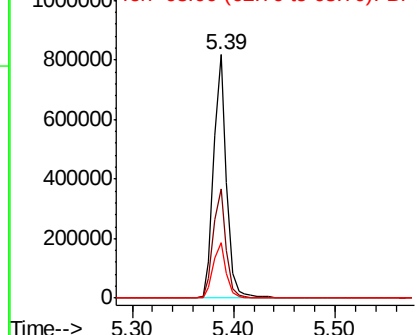
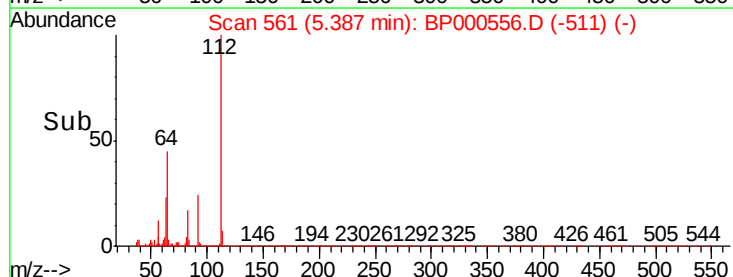


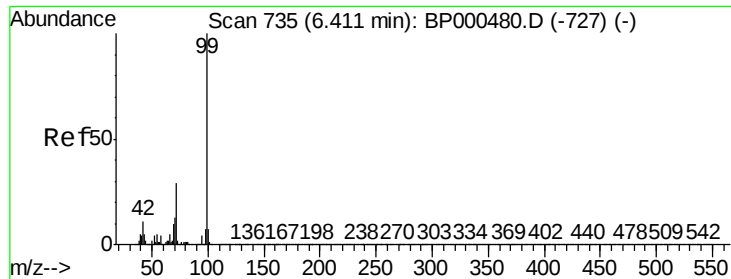
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 45.666 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000556.D

Acq: 07 Oct 2019 20:33

Instrument :

BNA_P

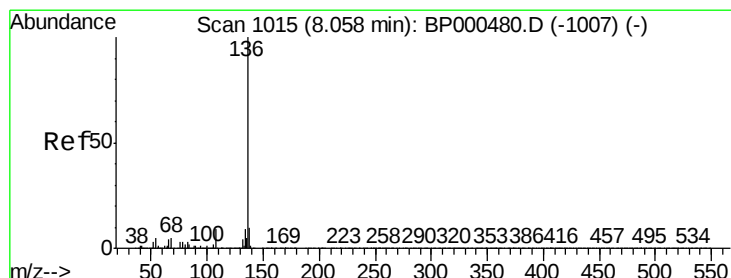
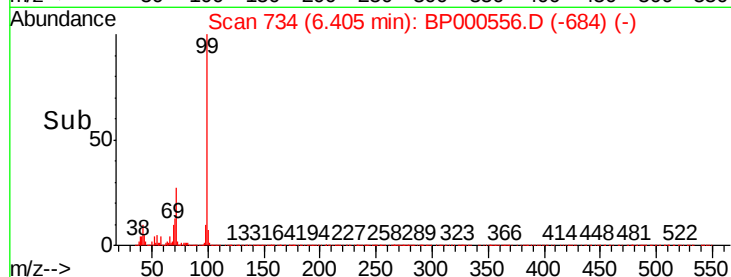
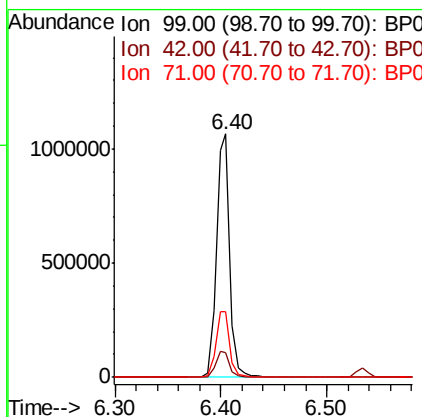
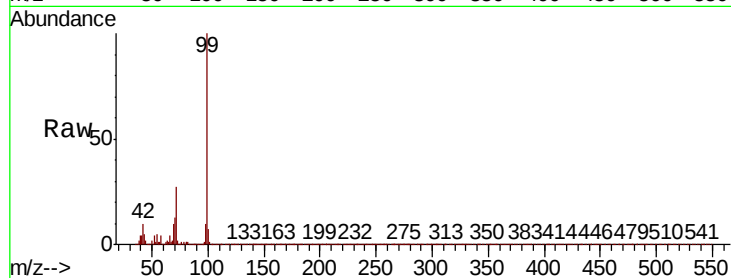
ClientSampled :

JC-02-100419

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		951047		
42	10.4	8.6	12.8		
71	27.2	23.0	34.4		

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#21

Naphthalene-d8

Concen: 20.000 ng

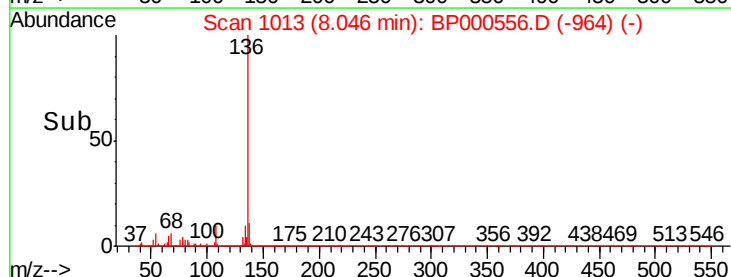
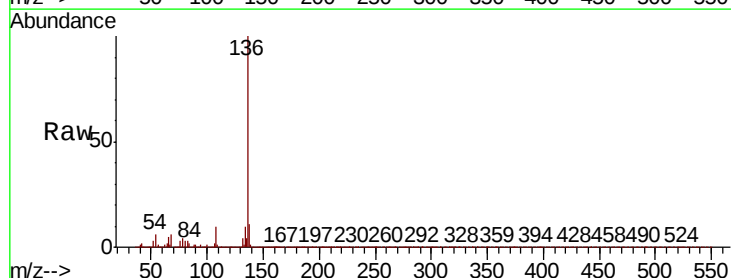
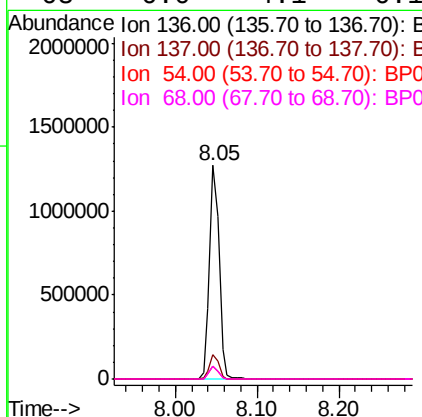
RT: 8.05 min Scan# 1013

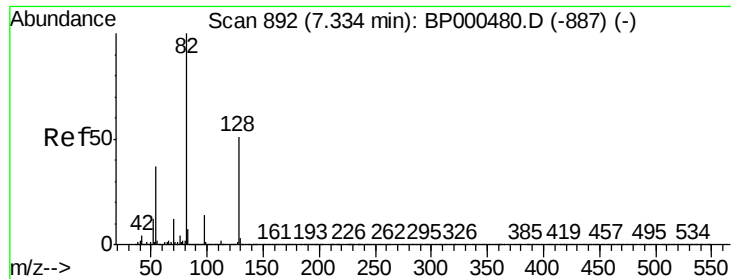
Delta R.T. -0.01 min

Lab File: BP000556.D

Acq: 07 Oct 2019 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1039981		
137	11.2	8.2	12.4		
54	6.0	4.1	6.1		
68	6.0	4.1	6.1		





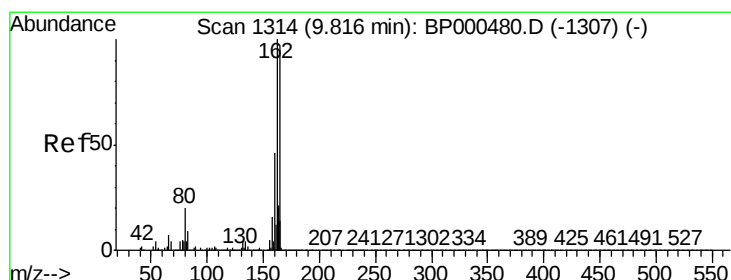
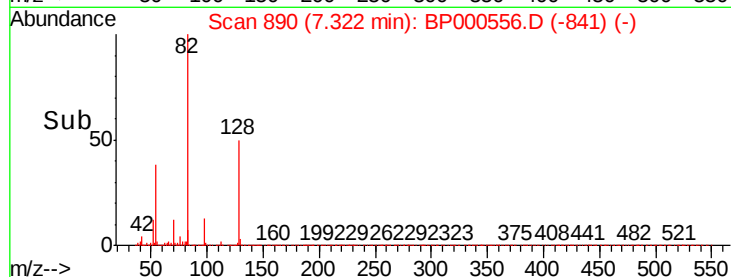
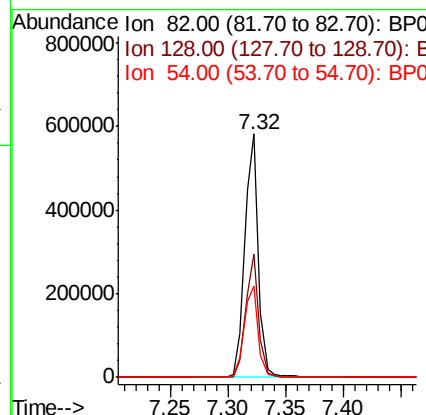
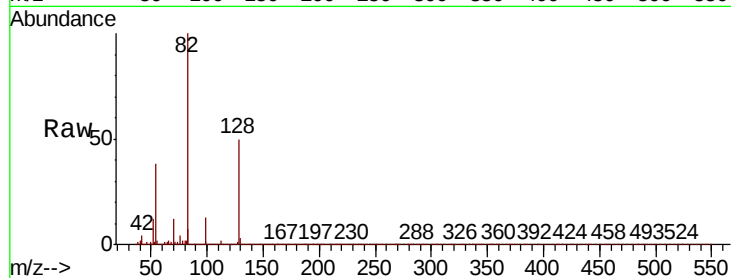
#23
Nitrobenzene-d5
Concen: 27.842 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BP000556.D
Acq: 07 Oct 2019 20:33

Instrument :
BNA_P
ClientSampleId :
JC-02-100419

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.5	40.9	61.3
54	37.6	29.4	44.2

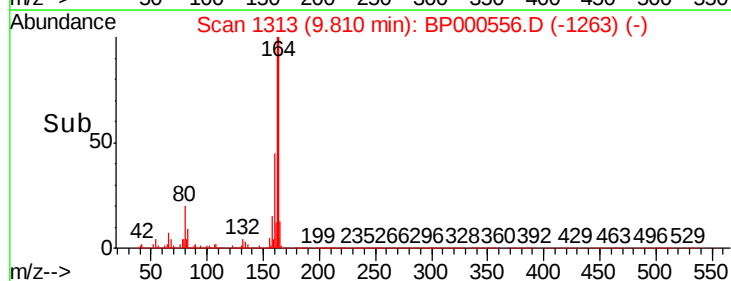
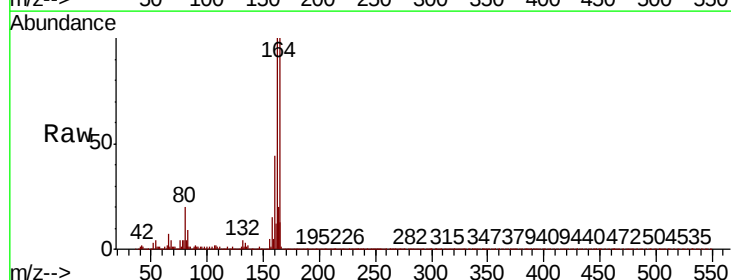
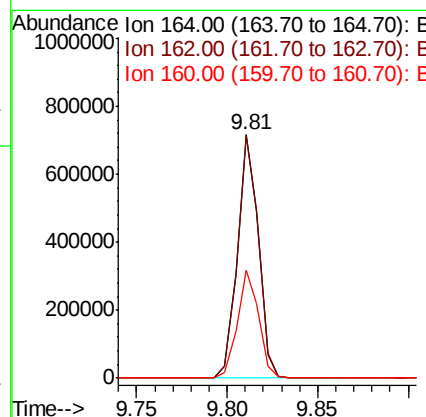
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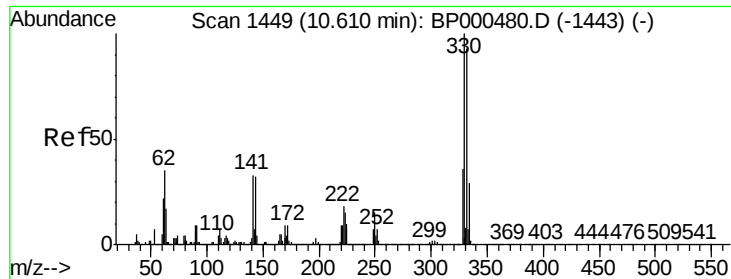
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP000556.D
Acq: 07 Oct 2019 20:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.2	123.2
160	44.4	37.6	56.4





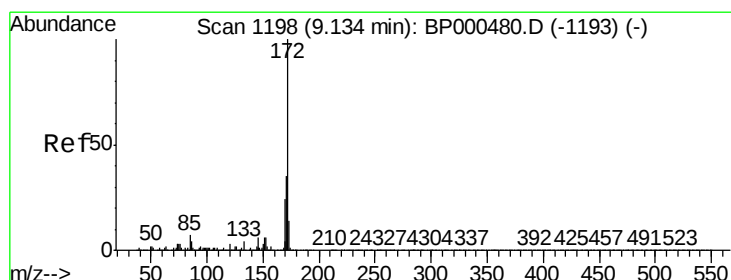
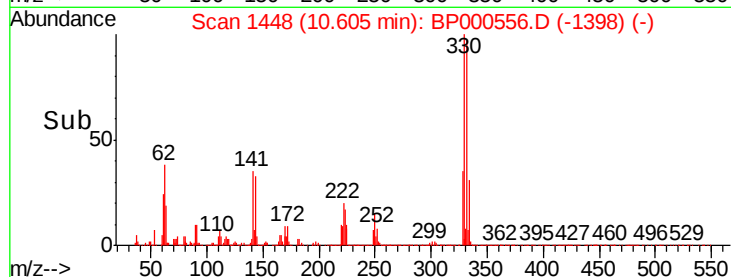
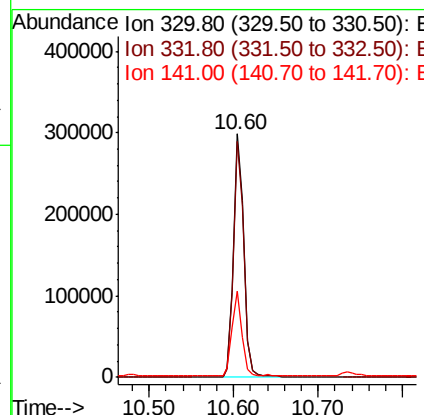
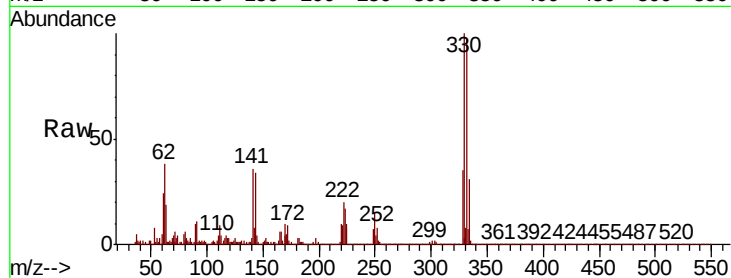
#42
2,4,6-Tribromophenol
Concen: 40.849 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BP000556.D
Acq: 07 Oct 2019 20:33

Instrument :
BNA_P
ClientSampleId :
JC-02-100419

Tot Ion	Ratio	Resp	Lower	Upper
330	100	250529		
332	96.9		77.1	115.7
141	32.7		26.0	39.0

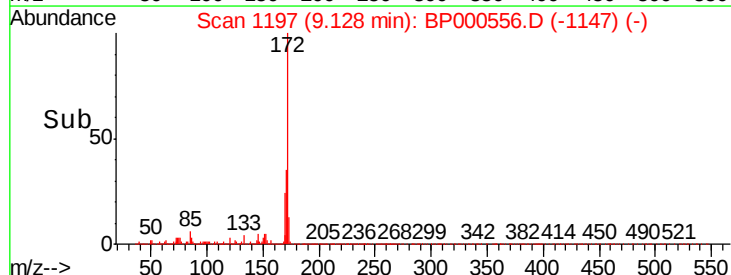
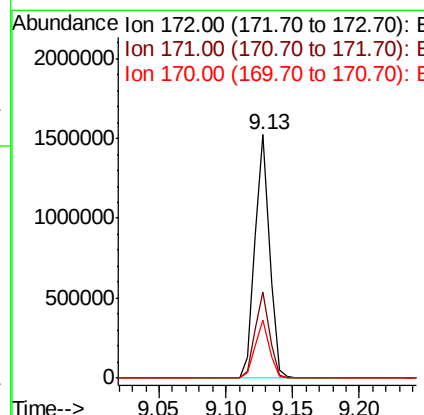
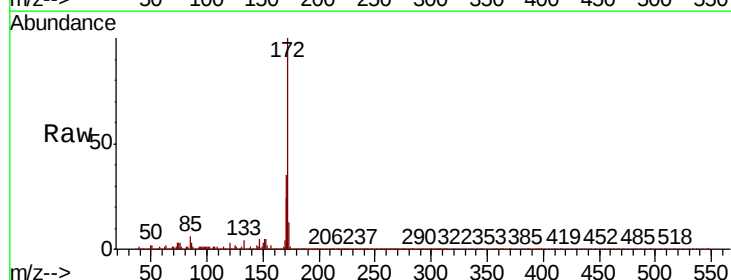
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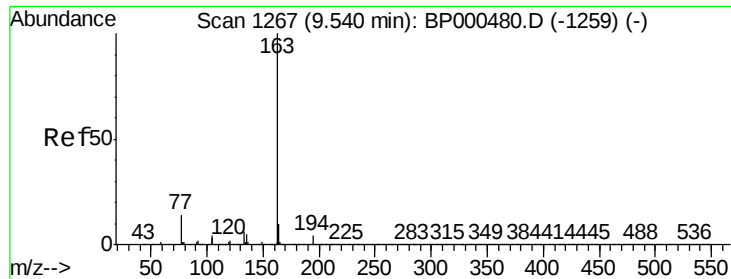
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#45
2-Fluorobiphenyl
Concen: 31.885 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000556.D
Acq: 07 Oct 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1134186		
171	35.4		28.4	42.6
170	23.6		19.1	28.7





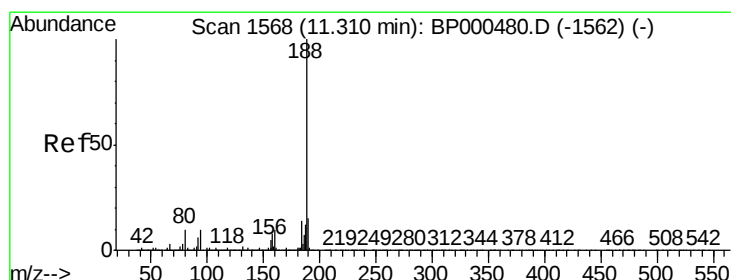
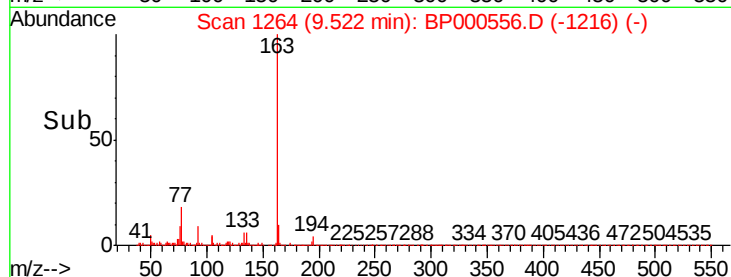
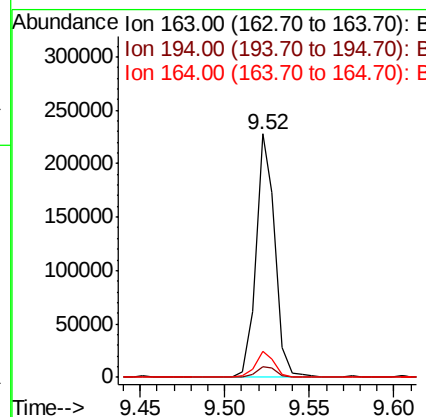
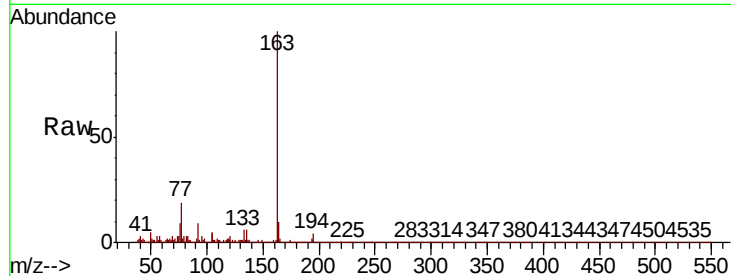
#50
Dimethylphthalate
Concen: 4.427 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000556.D
Acq: 07 Oct 2019 20:33

Instrument :
BNA_P
ClientSampleId :
JC-02-100419

Tot Ion	Ratio	Resp	Lower	Upper
163	100	177055		
194	4.3		3.4	5.2
164	10.5		8.0	12.0

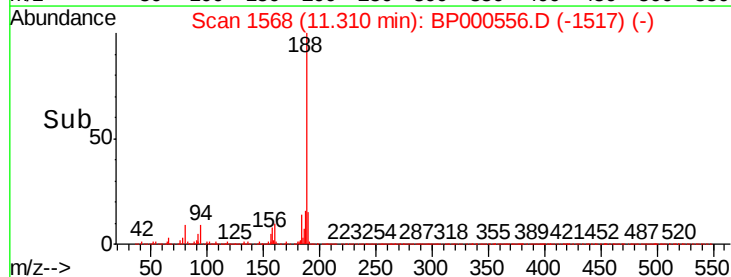
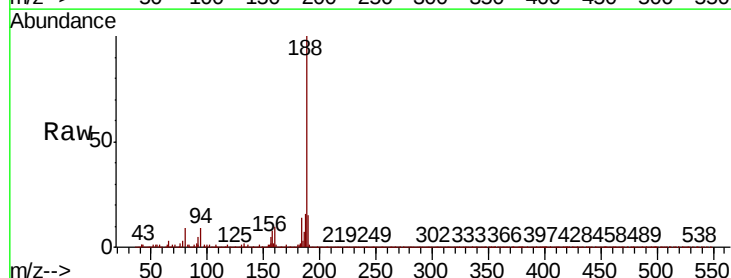
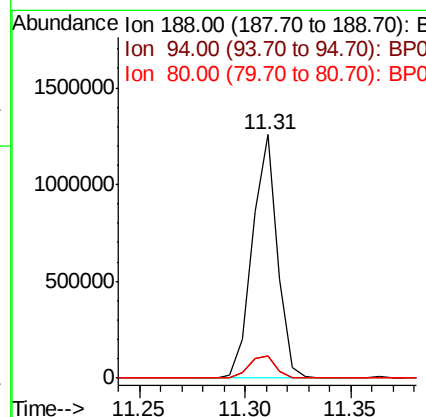
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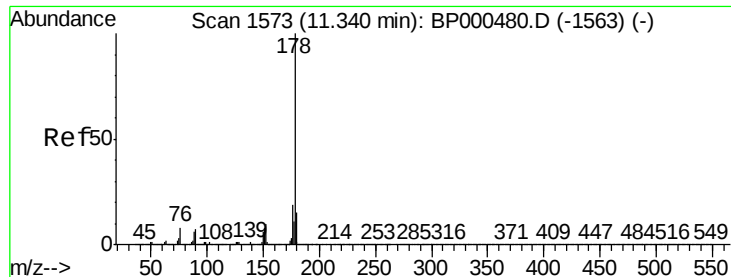
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BP000556.D
Acq: 07 Oct 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1027280		
94	9.1		8.2	12.2
80	9.2		8.3	12.5





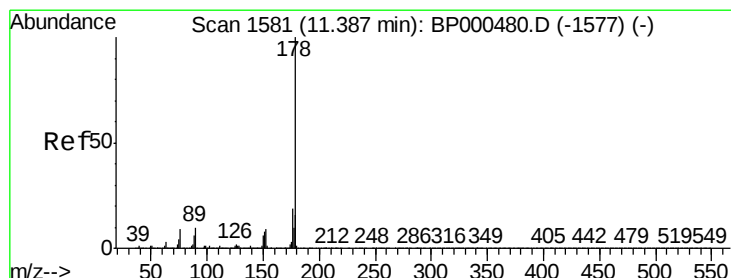
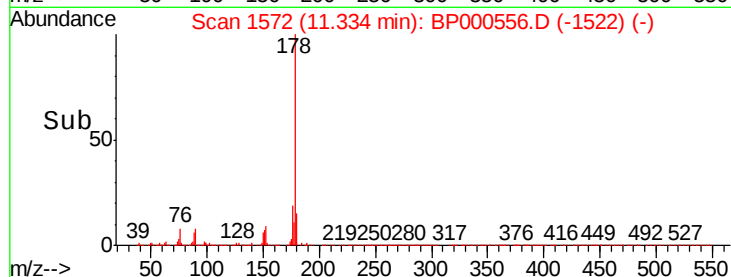
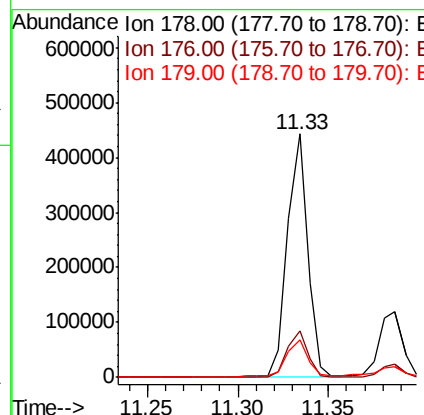
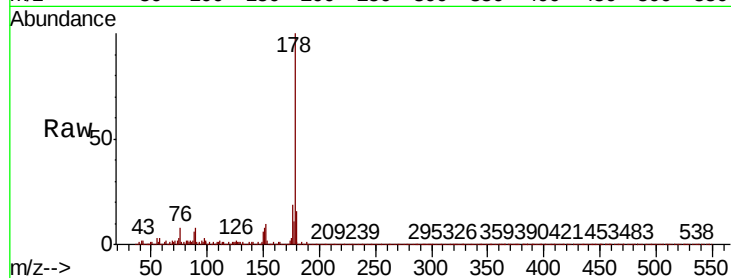
#71
Phenanthrene
Concen: 6.718 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BP000556.D
Acq: 07 Oct 2019 20:33

Instrument :
BNA_P
ClientSampleId :
JC-02-100419

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.7	12.2	18.4

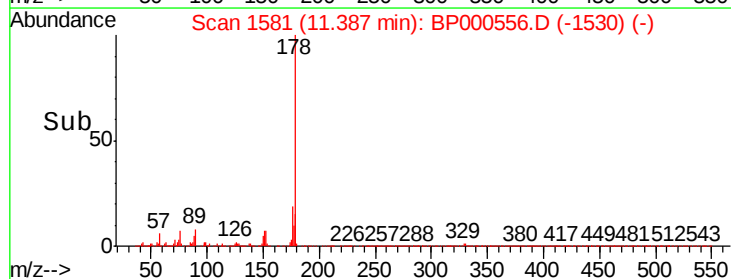
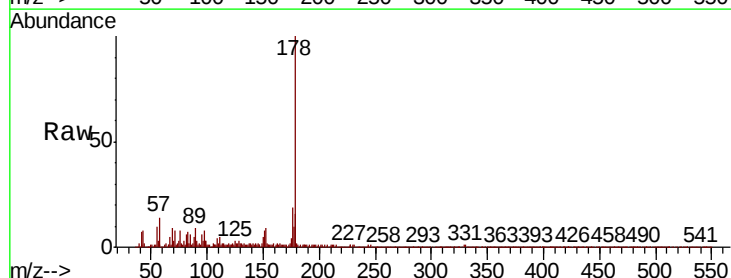
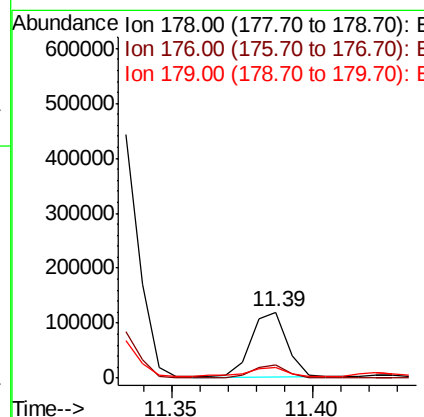
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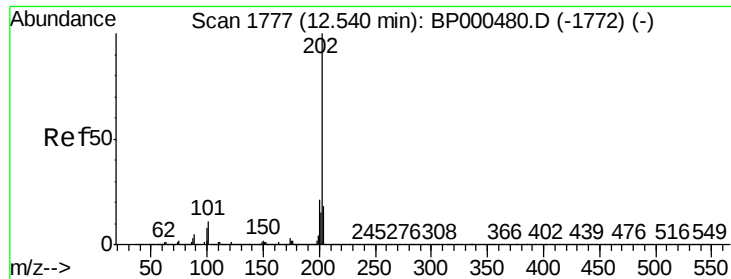
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#72
Anthracene
Concen: 2.037 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BP000556.D
Acq: 07 Oct 2019 20:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.9	12.6	19.0





#75

Fluoranthene

Concen: 11.488 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BP000556.D

Acq: 07 Oct 2019 20:33

Instrument :

BNA_P

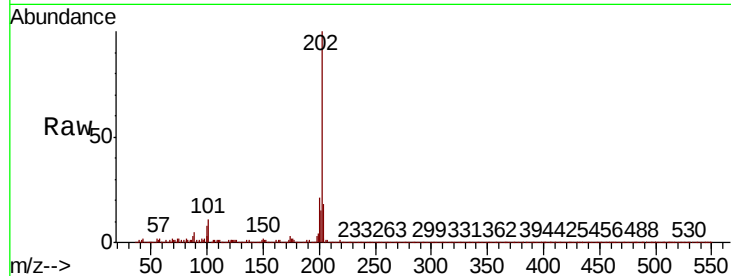
ClientSampleId :

JC-02-100419

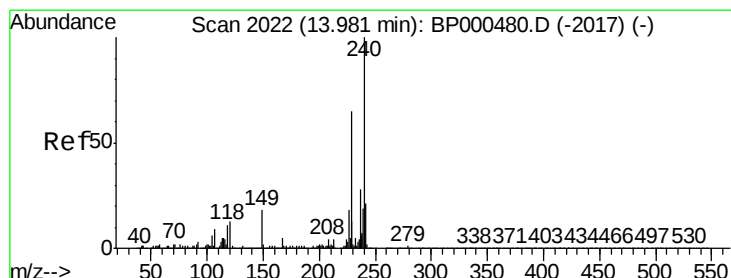
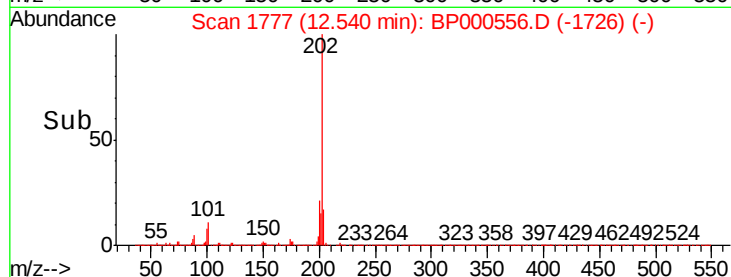
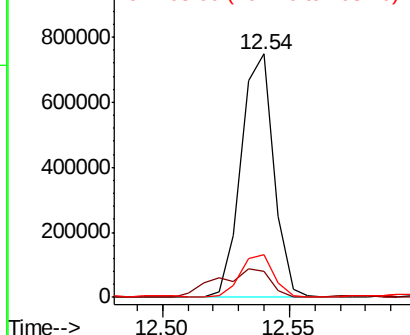
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		665643		
101	10.8	0.0	31.3		
203	17.6	0.0	38.1		

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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

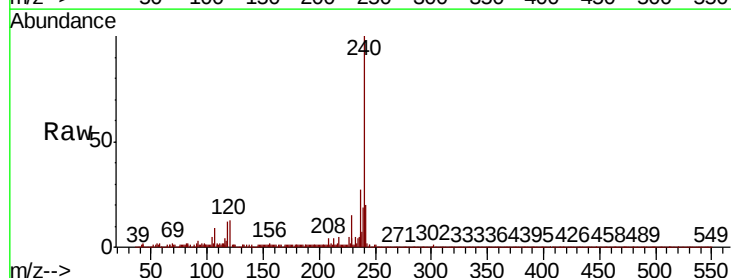
RT: 13.98 min Scan# 222

Delta R.T. 0.00 min

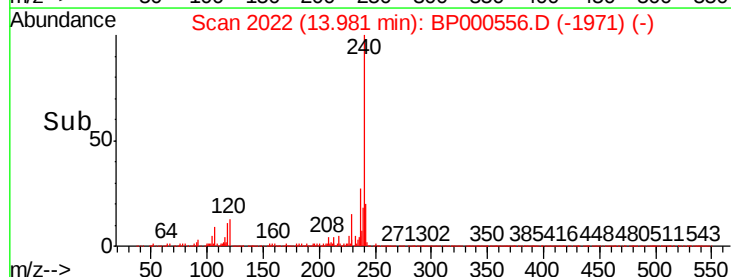
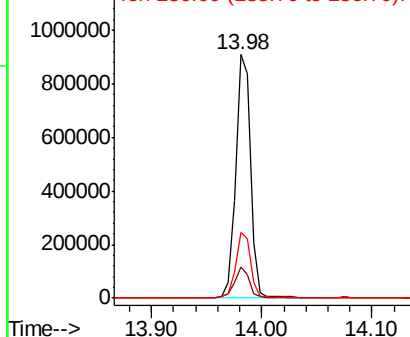
Lab File: BP000556.D

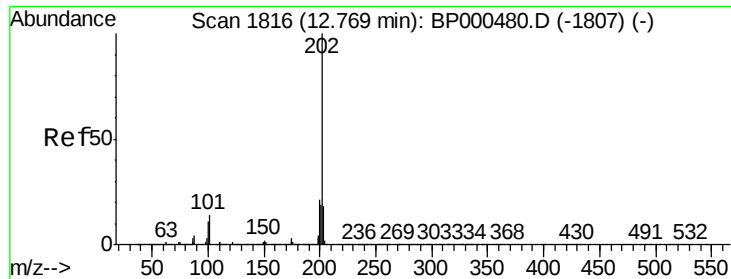
Acq: 07 Oct 2019 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		853199		
120	13.0	10.1	15.1		
236	26.9	22.7	34.1		



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





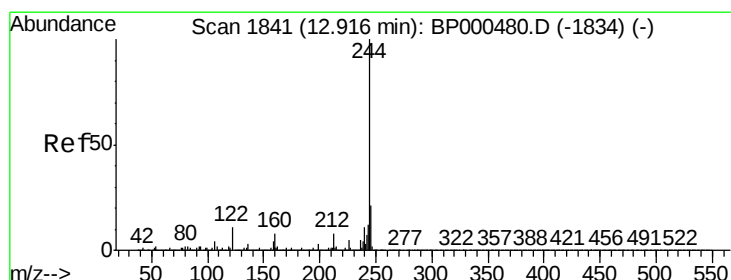
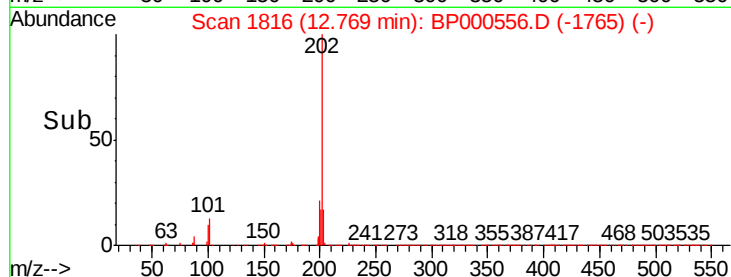
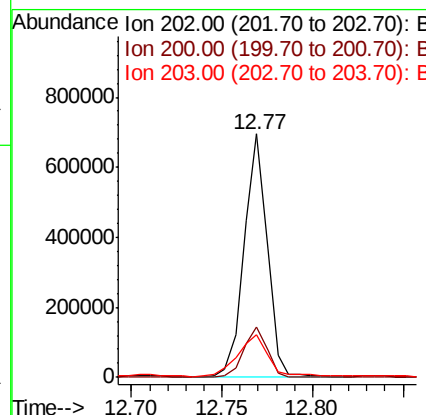
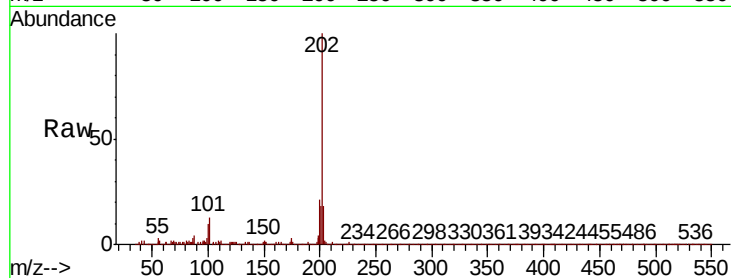
#78
Pvrene
Concen: 10.343 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BP000556.D
Acq: 07 Oct 2019 20:33

Instrument :
BNA_P
ClientSampleId :
JC-02-100419

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.1	25.7
203	17.8	14.6	21.8

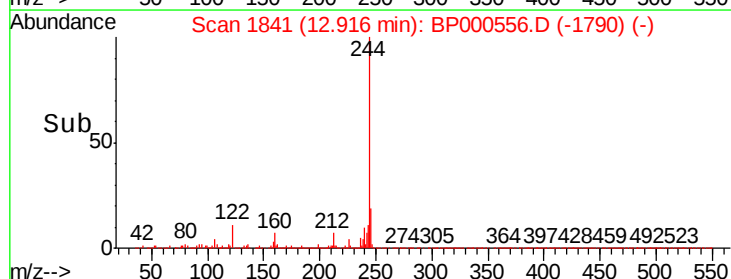
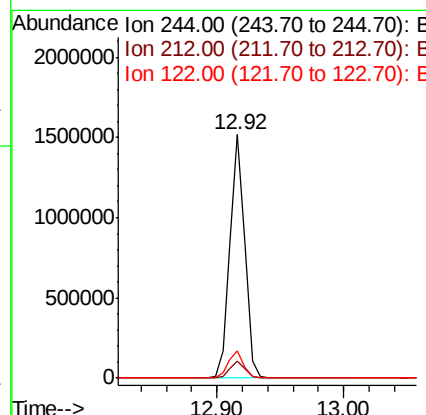
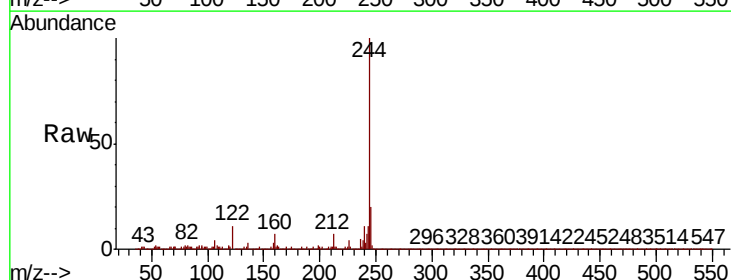
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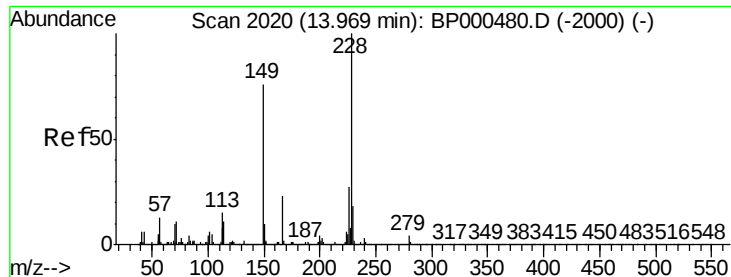
mohammad
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#79
Terphenyl-d14
Concen: 29.229 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000556.D
Acq: 07 Oct 2019 20:33

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	6.0	9.0
122	11.2	8.9	13.3





#81

Benzo(a)anthracene

Concen: 6.379 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BP000556.D

Acq: 07 Oct 2019 20:33

Instrument :

BNA_P

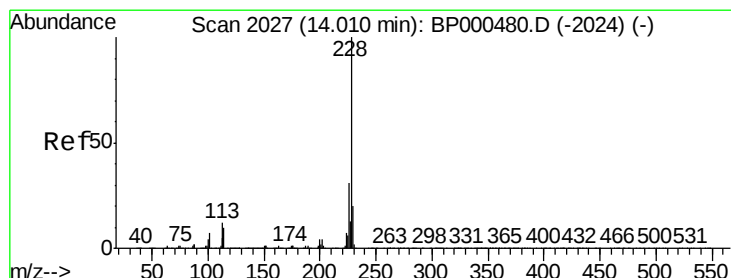
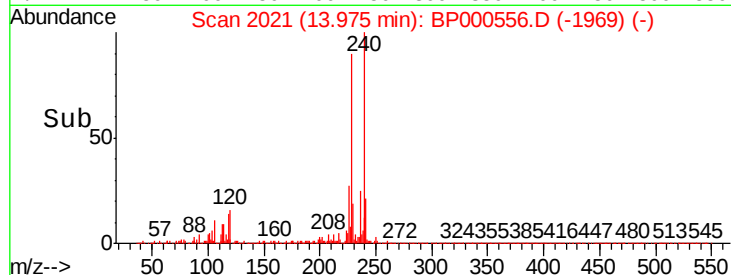
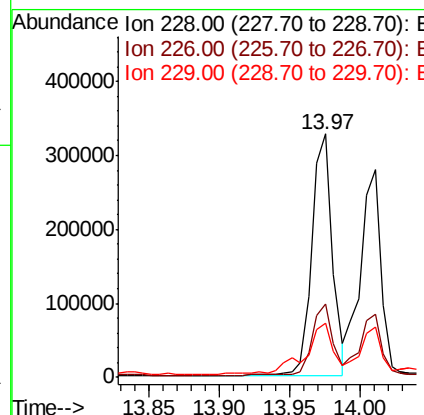
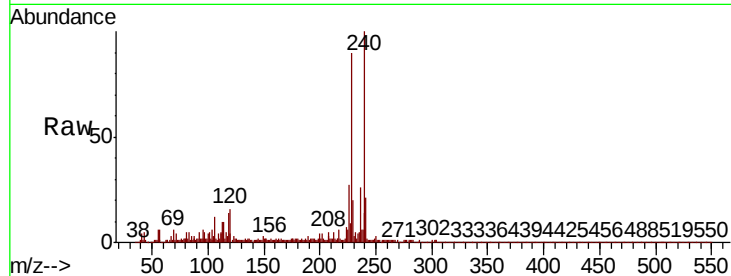
ClientSampleId :

JC-02-100419

Tot Ion:	228	Resp:	332058
Ion Ratio		Lower	Upper
228	100		
226	30.2	21.4	32.2
229	22.1	14.7	22.1#

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#83

Chrysene

Concen: 5.629 ng

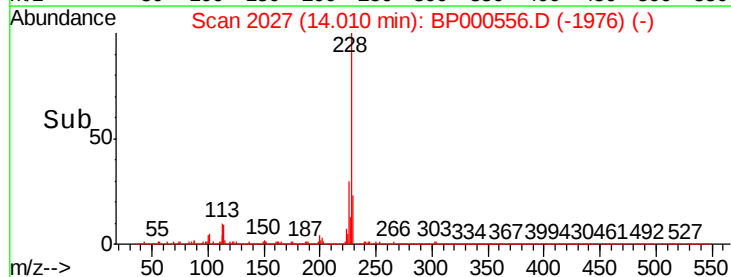
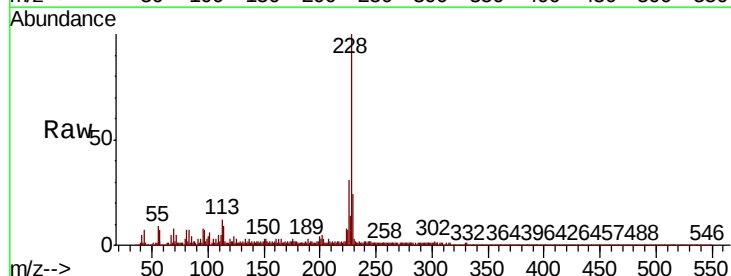
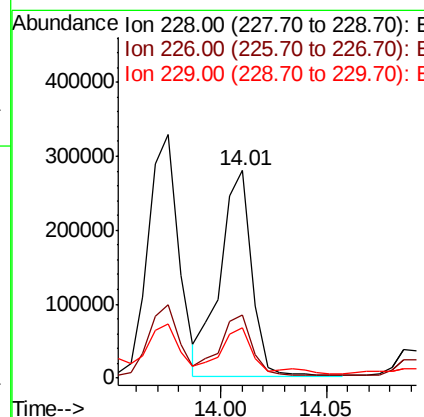
RT: 14.01 min Scan# 2027

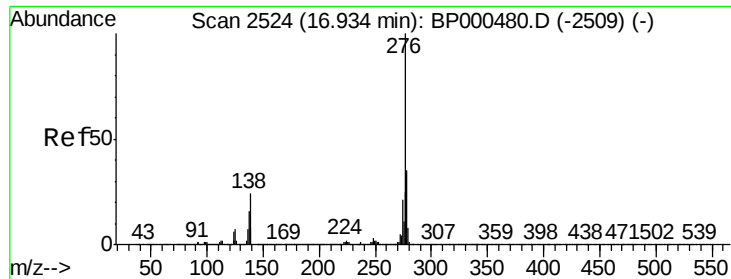
Delta R.T. 0.00 min

Lab File: BP000556.D

Acq: 07 Oct 2019 20:33

Tgt Ion:	228	Resp:	287590
Ion Ratio		Lower	Upper
228	100		
226	30.6	24.7	37.1
229	24.2	16.3	24.5





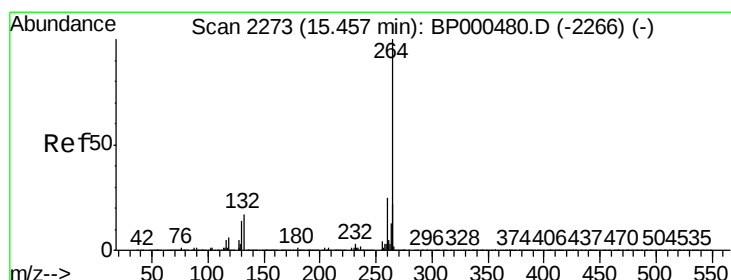
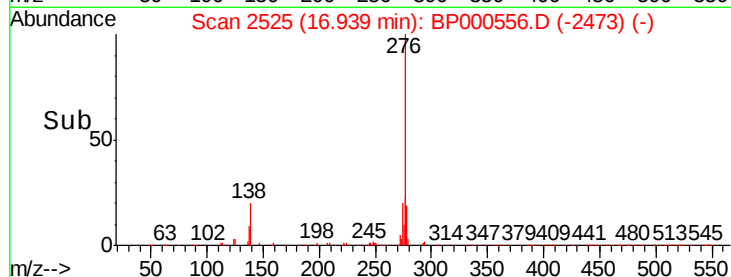
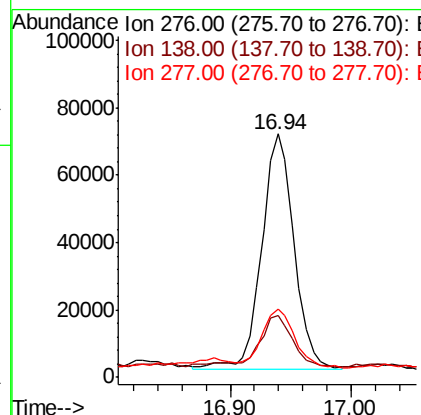
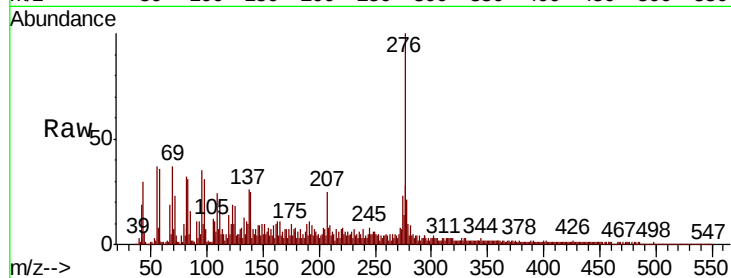
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.041 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BP000556.D
Acq: 07 Oct 2019 20:33

Instrument :
BNA_P
ClientSampleId :
JC-02-100419

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	20.9	31.3
277	25.0	20.6	30.8

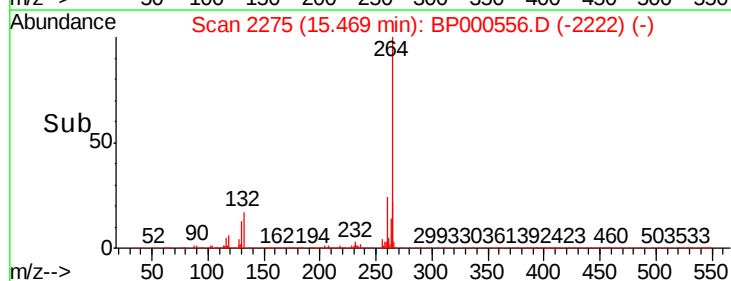
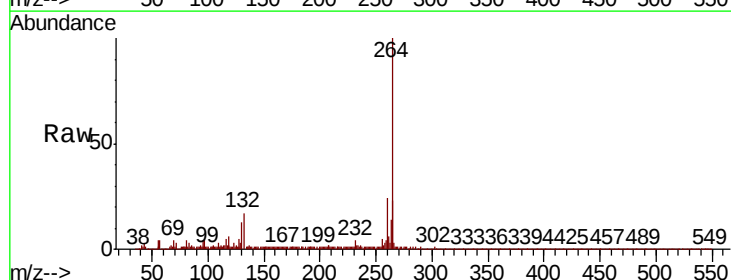
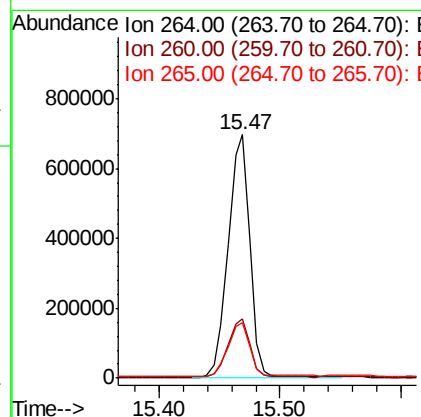
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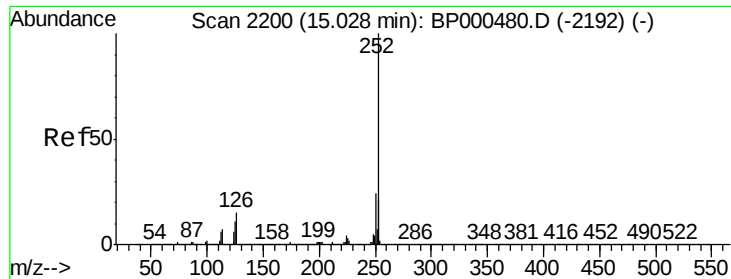
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BP000556.D
Acq: 07 Oct 2019 20:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.3	30.5
265	22.6	18.0	27.0





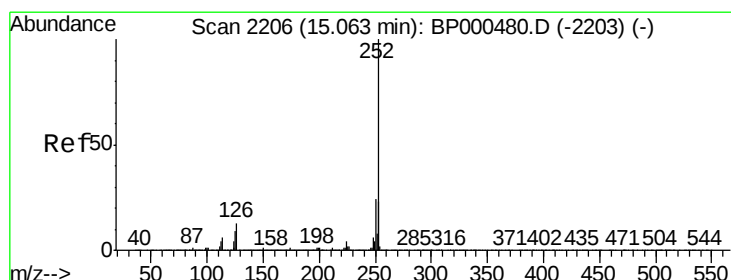
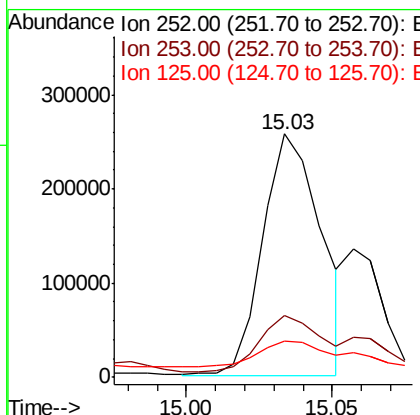
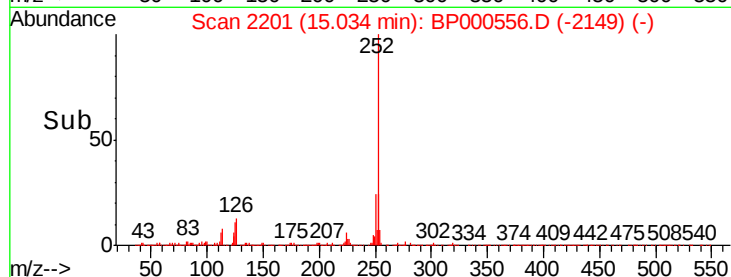
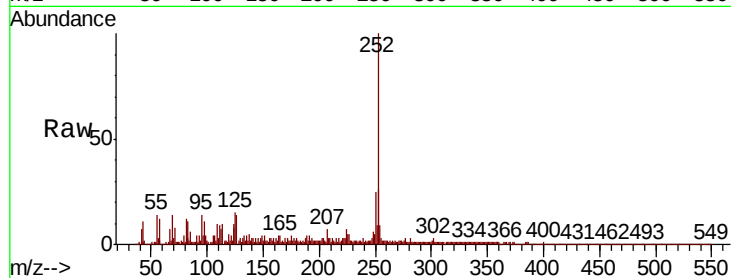
#88
Benzo(b)fluoranthene
Concen: 7.352 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BP000556.D
Acq: 07 Oct 2019 20:33

Instrument :
BNA_P
ClientSampleId :
JC-02-100419

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.0	25.4#
125	15.1	8.9	13.3#

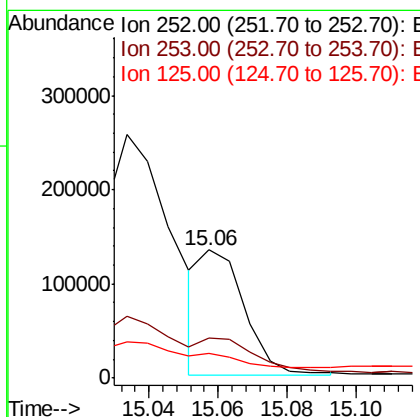
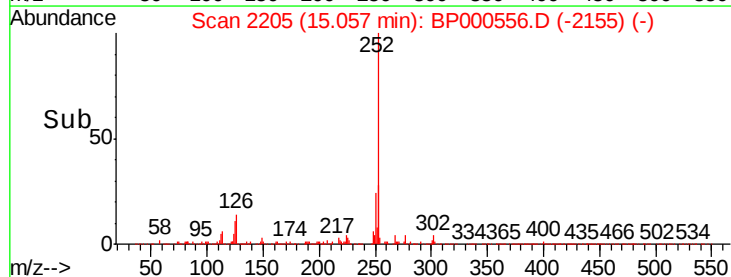
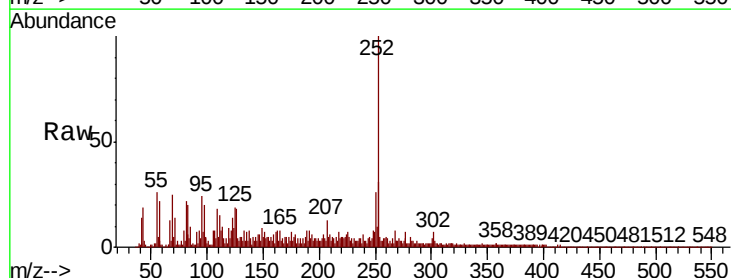
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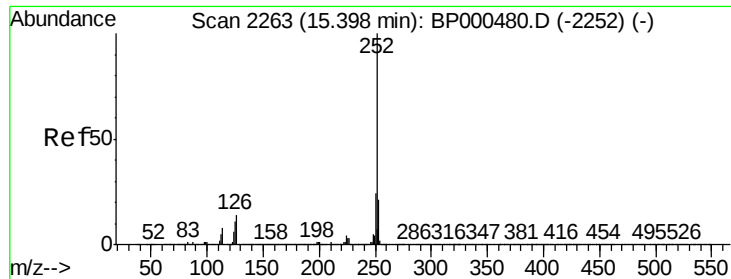
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#89
Benzo(k)fluoranthene
Concen: 2.504 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BP000556.D
Acq: 07 Oct 2019 20:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.4	18.4	27.6#
125	19.1	7.8	11.8#





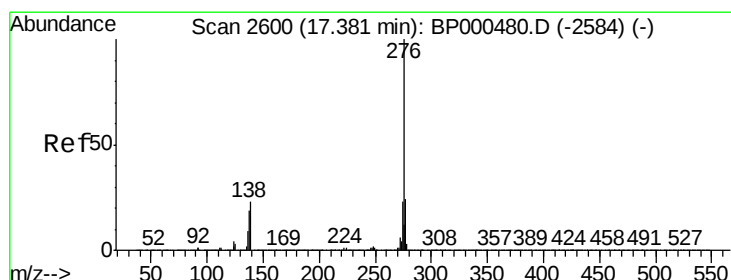
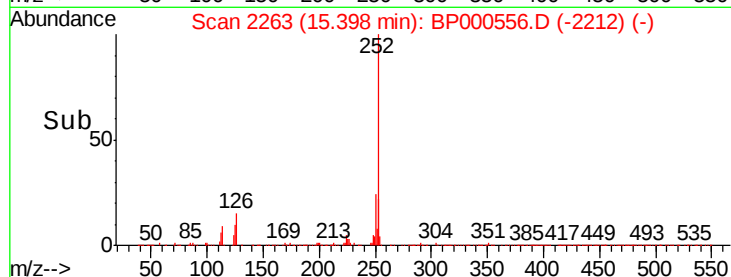
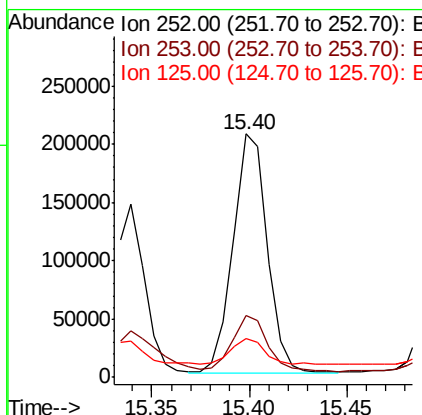
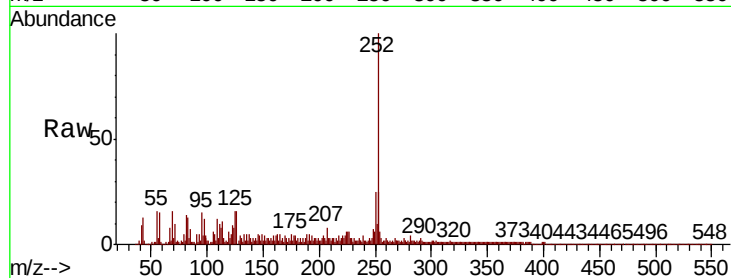
#90
Benzo(a)pyrene
Concen: 5.509 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BP000556.D
Acq: 07 Oct 2019 20:33

Instrument :
BNA_P
ClientSampleId :
JC-02-100419

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.6
125	16.1	8.4	12.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.572 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.01 min
Lab File: BP000556.D
Acq: 07 Oct 2019 20:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.4	19.4	29.2
138	25.8	18.5	27.7

