

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070119\
 Data File : BN006658.D
 Acq On : 01 Jul 2019 13:36
 Operator : HP/JU
 Sample : K3504-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-001-B200-062019

Manual Integrations
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Quant Time: Jul 02 05:24:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:47:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4284	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	17033	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	9418	0.40	ng	-0.01
19) Phenanthrene-d10	17.04	188	20556	0.40	ng	0.00
27) Chrysene-d12	21.28	240	19072	0.40	ng	0.01
34) Perylene-d12	23.53	264	21253	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2475	0.24	ng	0.00
5) Phenol-d6	6.82	99	3345	0.24	ng	0.00
8) Nitrobenzene-d5	8.81	82	2016	0.18	ng	0.01
11) 2-Methylnaphthalene-d10	12.00	152	5353	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	885	0.20	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	6970	0.20	ng	-0.01
25) Fluoranthene-d10	19.08	212	10838	0.18	ng	0.00
29) Terphenyl-d14	19.68	244	7262	0.18	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.45	128	5646	0.126	ng	95
12) 2-Methylnaphthalene	12.07	142	4151	0.134	ng	97
23) Phenanthrene	17.07	178	5420	0.093	ng	98
26) Fluoranthene	19.11	202	7215	0.102	ng	97
28) Pyrene	19.47	202	7114	0.107	ng	97
30) Benzo(a)anthracene	21.26	228	3226m	0.052	ng	
31) Chrysene	21.31	228	5118	0.076	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.17	149	5972	0.190	ng	99
33) Indeno(1,2,3-cd)pyrene	25.77	276	2772	0.041	ng	99
35) Benzo(b)fluoranthene	22.86	252	6624	0.092	ng	# 32
36) Benzo(k)fluoranthene	22.90	252	2095m	0.027	ng	
37) Benzo(a)pyrene	23.43	252	3595	0.053	ng	# 7
39) Benzo(a,h,i)perylene	26.46	276	3510	0.060	ng	# 55

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

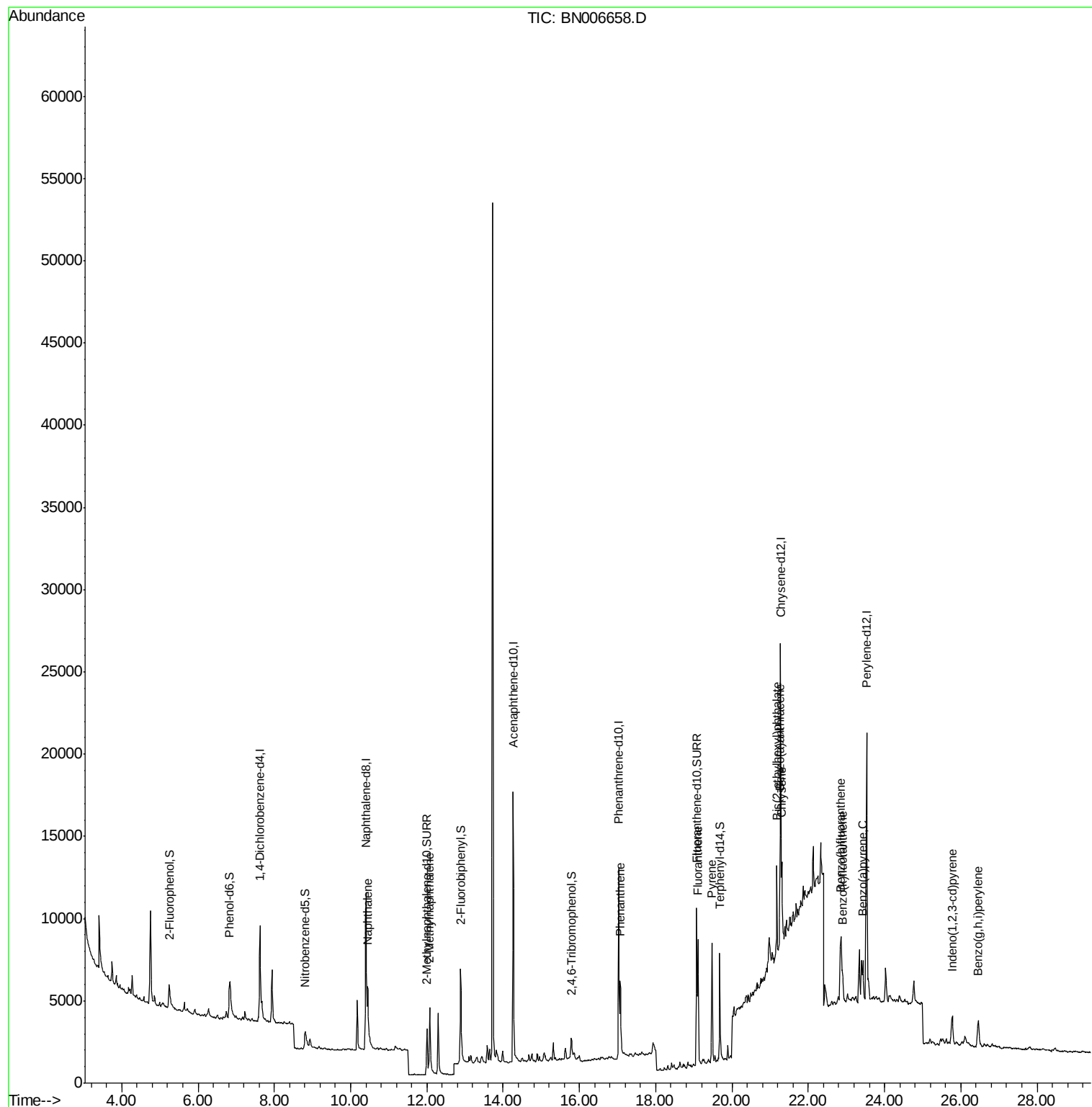
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070119\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062819.M
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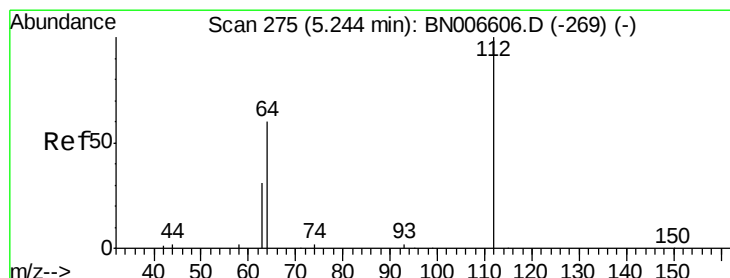
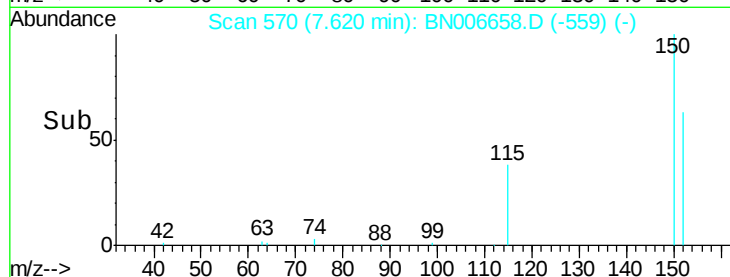
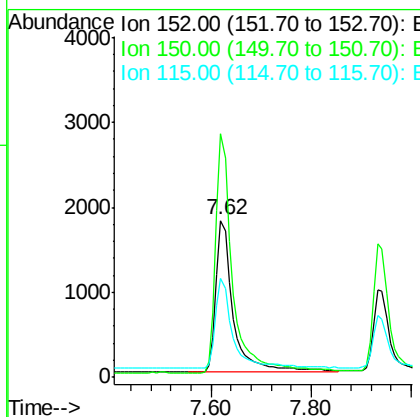
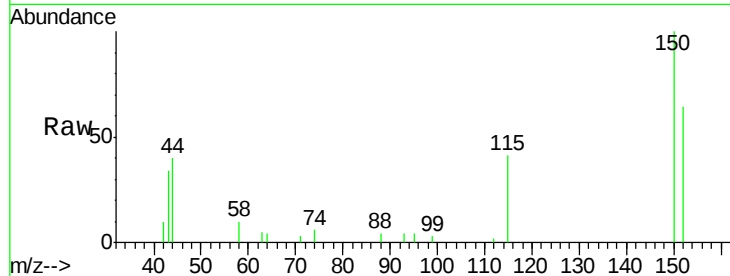
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.62 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BN006658.D
 Acq: 01 Jul 2019 13:36

Instrument :
 BNA_N
 ClientSampleId :
 PST-001-B200-062019

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.2	183.2
115	63.4	50.0	75.0

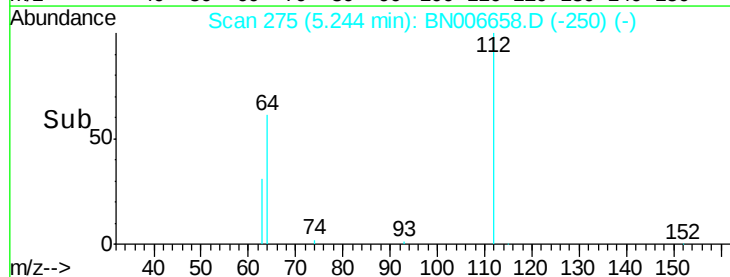
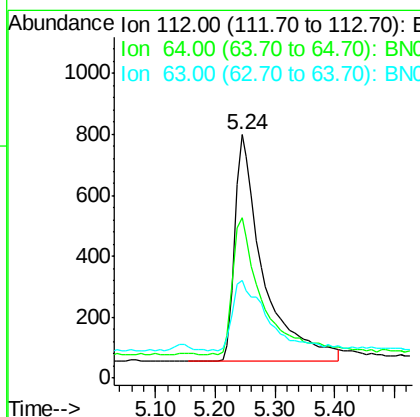
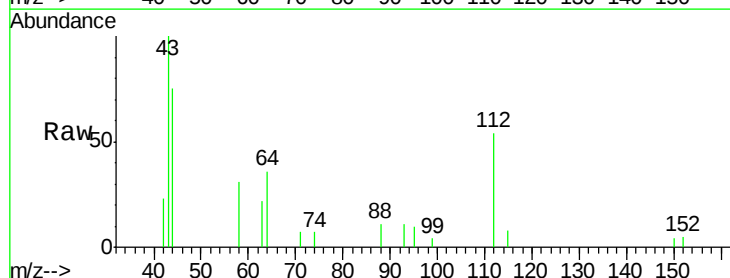
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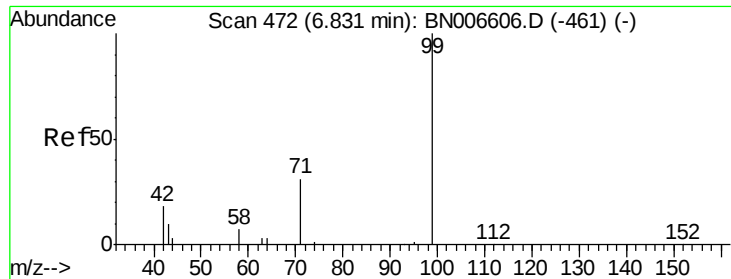
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#4
 2-Fluorophenol
 Concen: 0.236 ng
 RT: 5.24 min Scan# 275
 Delta R.T. 0.00 min
 Lab File: BN006658.D
 Acq: 01 Jul 2019 13:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	48.9	73.3
63	37.3	24.3	36.5





#5

Phenol-d6

Concen: 0.241 ng

RT: 6.82 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN006658.D

Acq: 01 Jul 2019 13:36

Instrument :

BNA_N

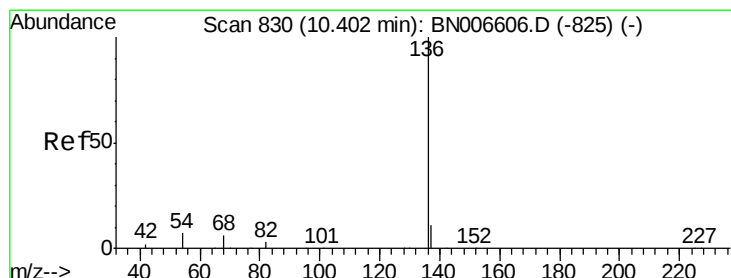
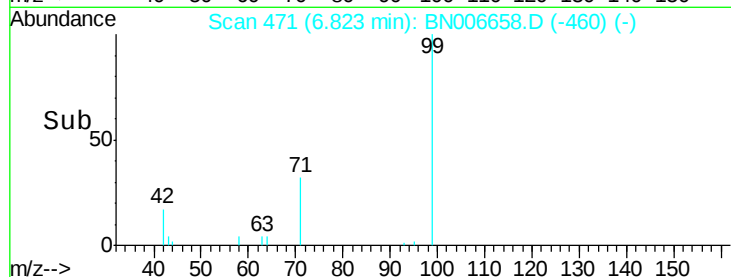
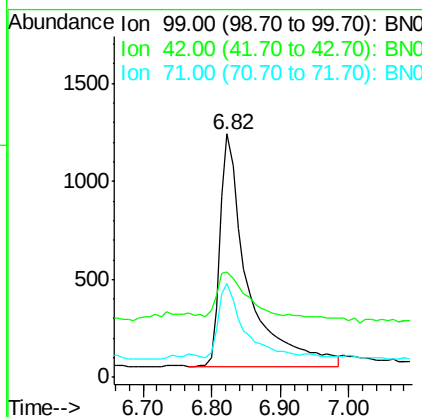
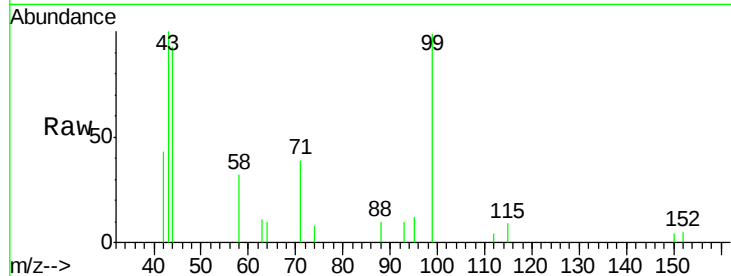
ClientSampleId :

PST-001-B200-062019

Tot Ion:	99	Resp:	3345
Ion	Ratio	Lower	Upper
99	100		
42	22.3	16.4	24.6
71	28.8	26.6	40.0

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#7

Naphthalene-d8

Concen: 0.400 ng

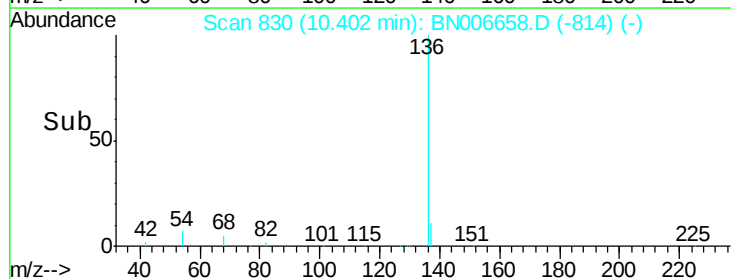
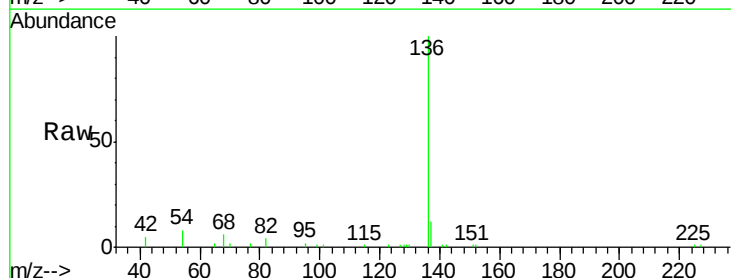
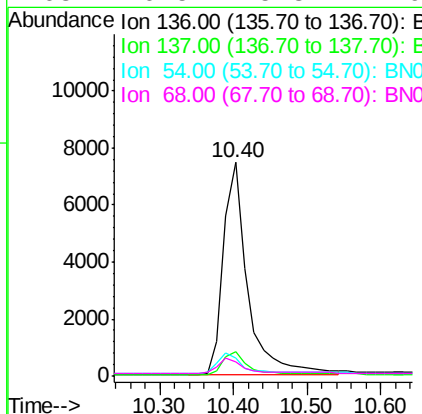
RT: 10.40 min Scan# 830

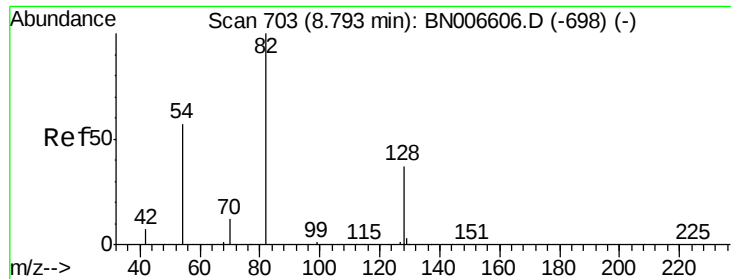
Delta R.T. 0.00 min

Lab File: BN006658.D

Acq: 01 Jul 2019 13:36

Tgt Ion:	136	Resp:	17033
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	8.2	6.7	10.1
68	6.5	5.3	7.9





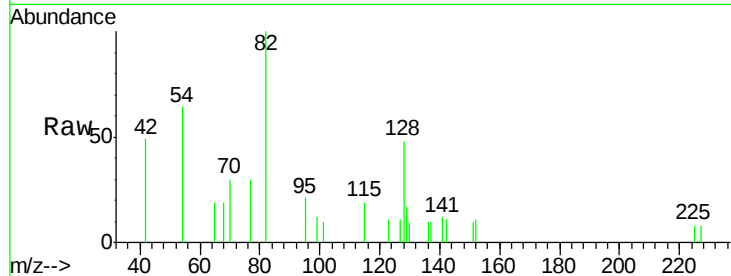
#8
 Nitrobenzene-d5
 Concen: 0.176 ng
 RT: 8.81 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: BN006658.D
 Acq: 01 Jul 2019 13:36

Instrument :
 BNA_N
 ClientSampleId :
 PST-001-B200-062019

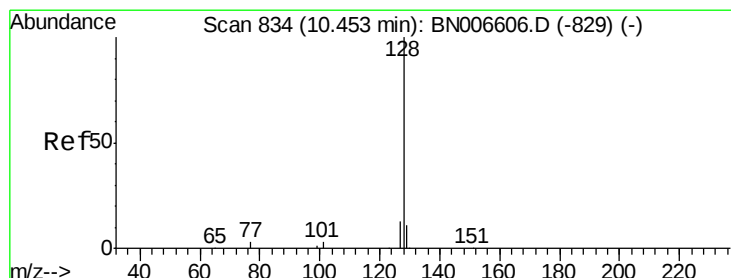
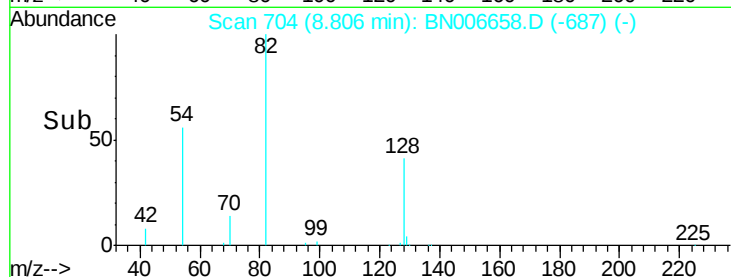
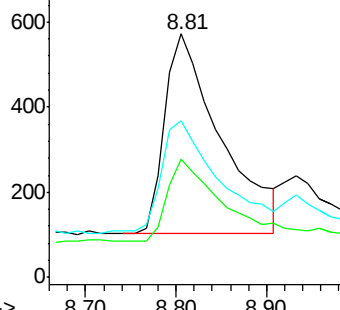
Tot Ion:	82	Resp:	2016
Ion	Ratio	Lower	Upper
82	100		
128	48.4	32.6	49.0
54	64.2	48.2	72.4

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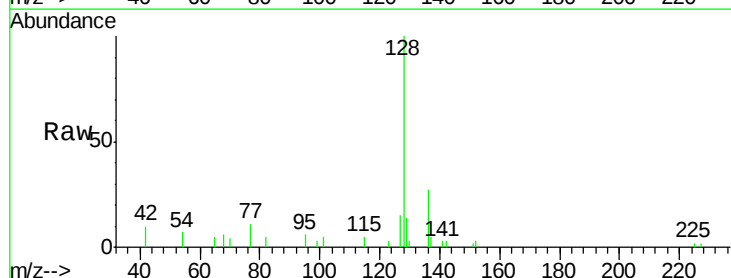


Abundance Ion 82.00 (81.70 to 82.70): BNC
 Ion 128.00 (127.70 to 128.70): BNC
 Ion 54.00 (53.70 to 54.70): BNC

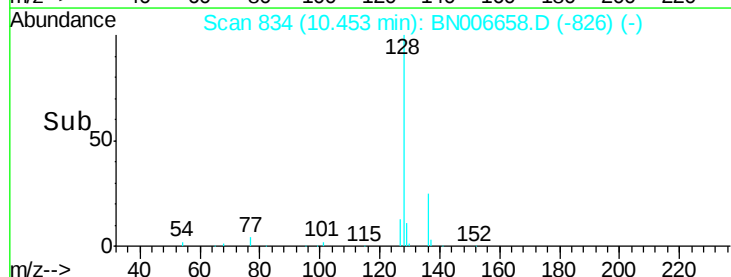
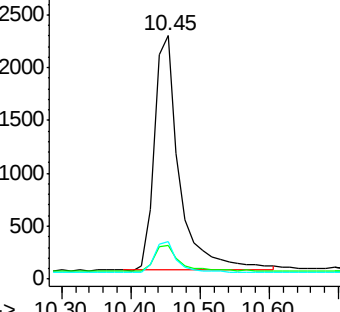


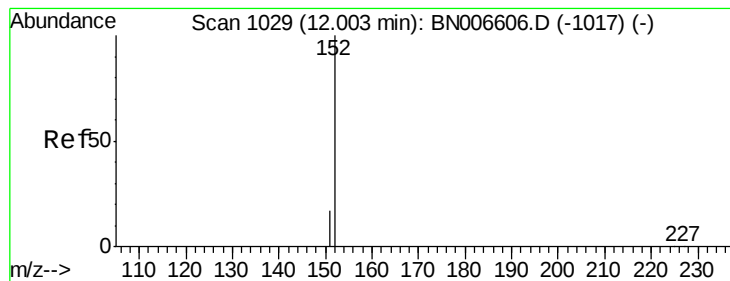
#9
 Naphthalene
 Concen: 0.126 ng
 RT: 10.45 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BN006658.D
 Acq: 01 Jul 2019 13:36

Tgt Ion:	128	Resp:	5646
Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.3	13.9
127	15.3	10.8	16.2



Abundance Ion 128.00 (127.70 to 128.70): BNC
 Ion 129.00 (128.70 to 129.70): BNC
 Ion 127.00 (126.70 to 127.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.200 ng

RT: 12.00 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BN006658.D

Acq: 01 Jul 2019 13:36

Instrument :

BNA_N

ClientSampleId :

PST-001-B200-062019

Tot Ion:152 Resp: 5353

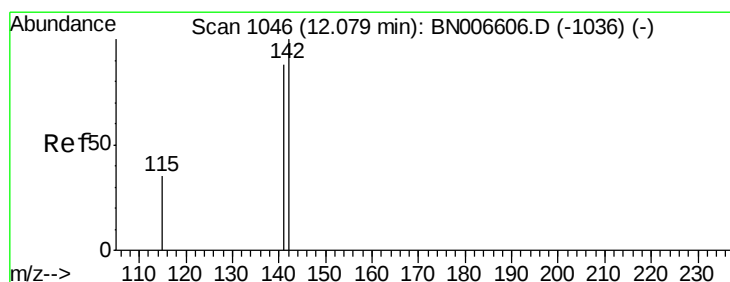
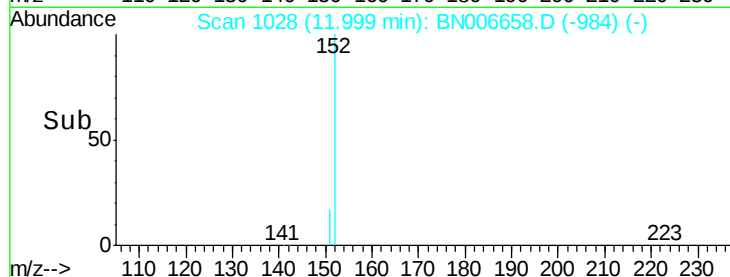
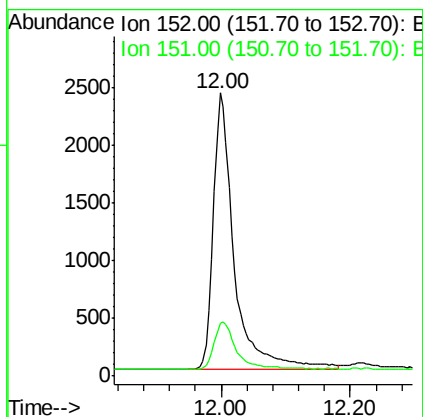
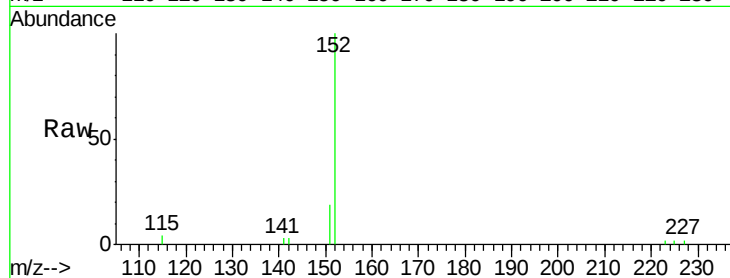
Ion Ratio Lower Upper

152 100

151 19.6 15.0 22.4

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#12

2-Methylnaphthalene

Concen: 0.134 ng

RT: 12.07 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BN006658.D

Acq: 01 Jul 2019 13:36

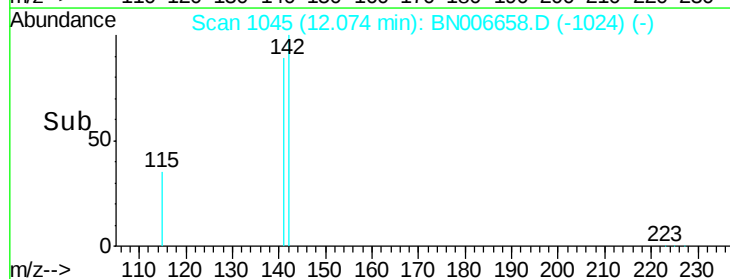
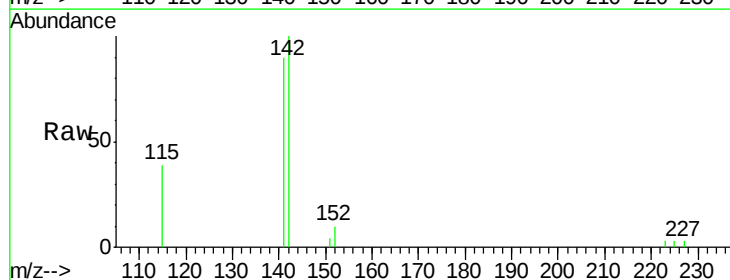
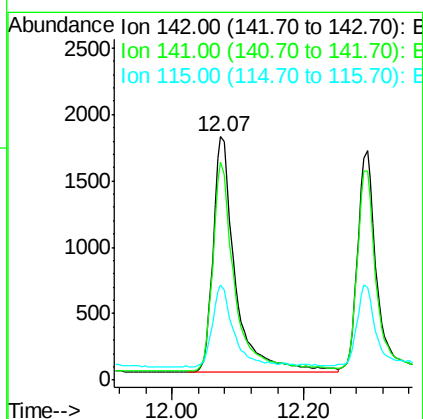
Tgt Ion:142 Resp: 4151

Ion Ratio Lower Upper

142 100

141 89.5 70.2 105.4

115 39.1 28.5 42.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN006658.D

Acq: 01 Jul 2019 13:36

Instrument :

BNA_N

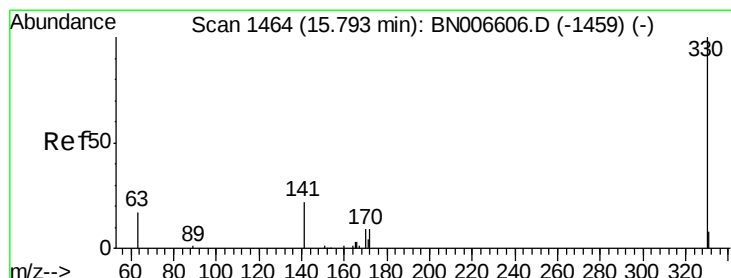
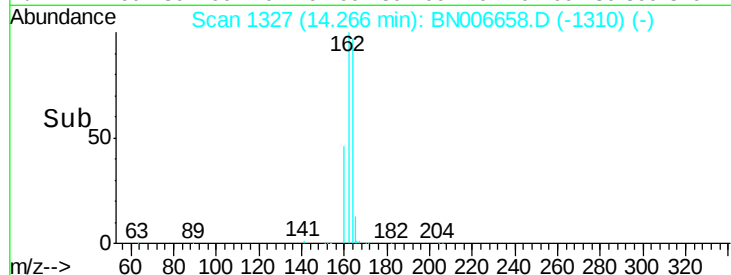
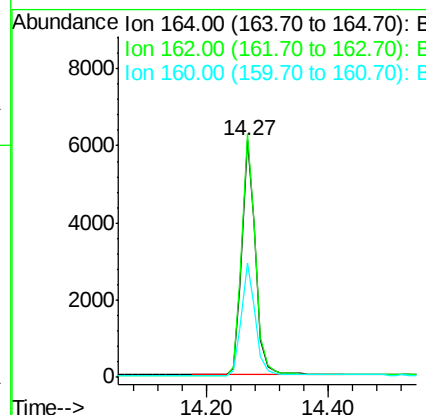
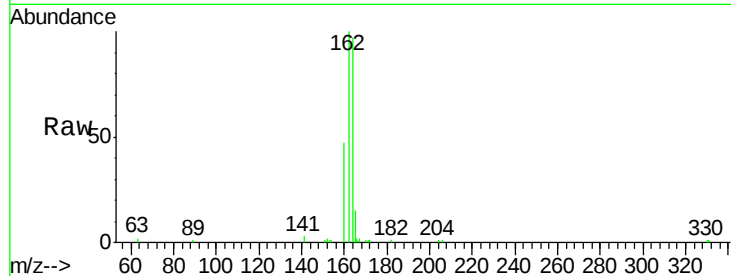
ClientSampleId :

PST-001-B200-062019

Tot Ion:	164	Resp:	9418
Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.0	120.0
160	48.2	37.0	55.4

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#14

2,4,6-Tribromophenol

Concen: 0.200 ng

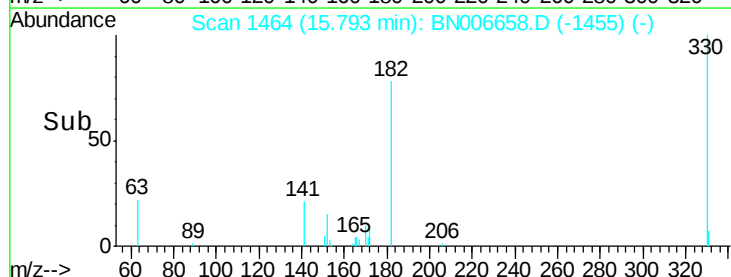
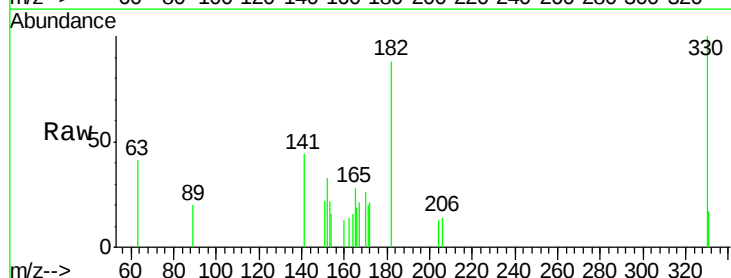
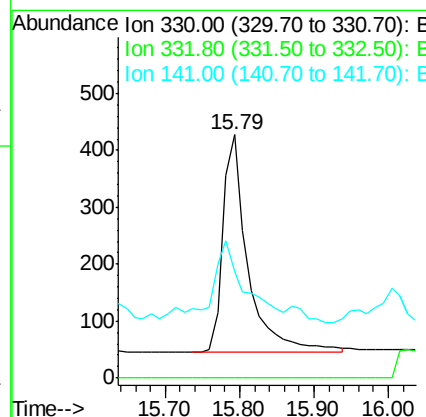
RT: 15.79 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BN006658.D

Acq: 01 Jul 2019 13:36

Tgt Ion:	330	Resp:	885
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	57.4	26.5	39.7#





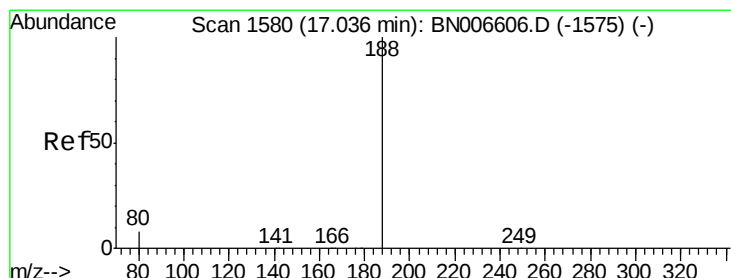
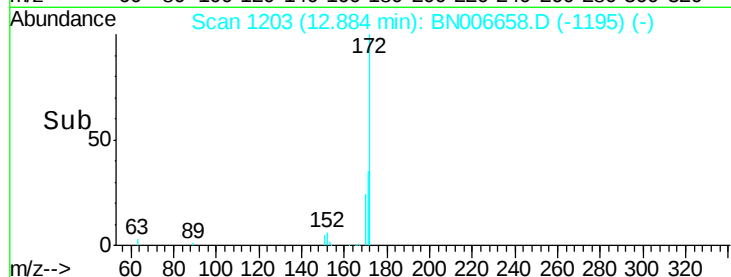
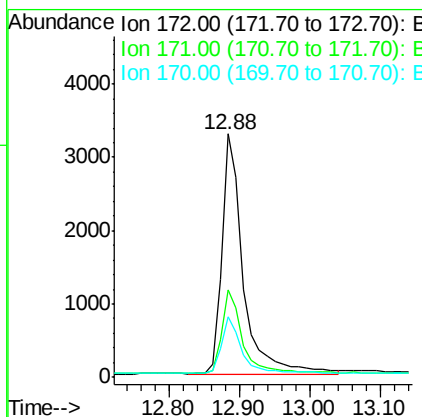
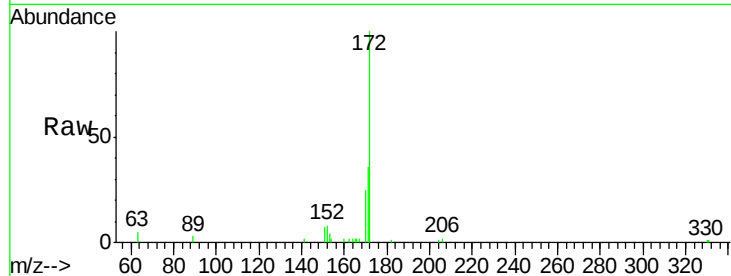
#15
2-Fluorobiphenyl
Concen: 0.200 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006658.D
Acq: 01 Jul 2019 13:36

Instrument :
BNA_N
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PST-001-B200-062019

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.0	40.4
170	24.9	17.7	26.5

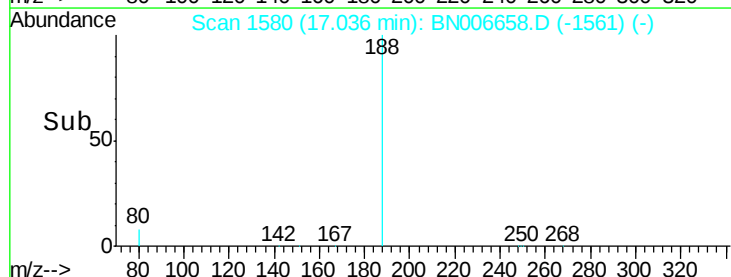
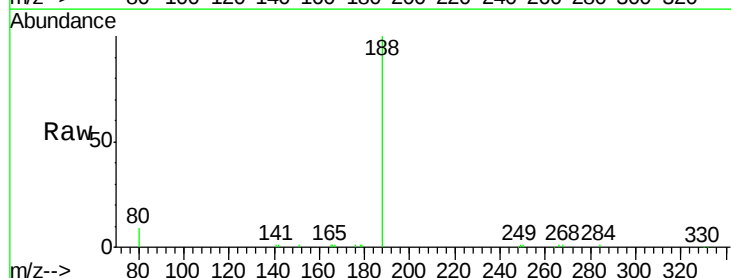
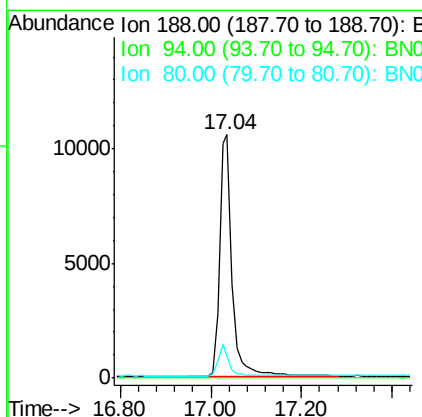
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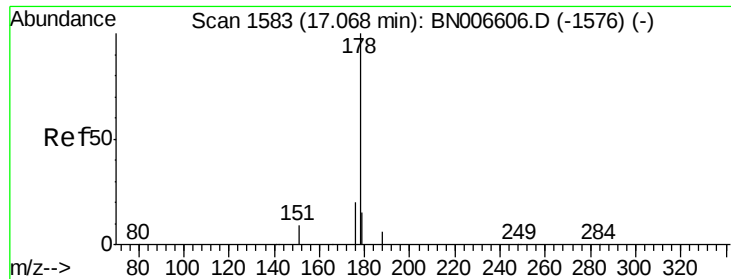
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BN006658.D
Acq: 01 Jul 2019 13:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	7.1	10.7





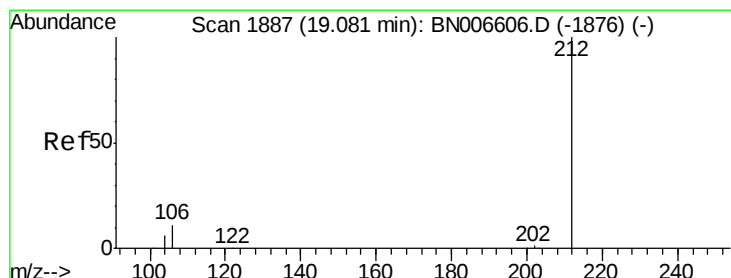
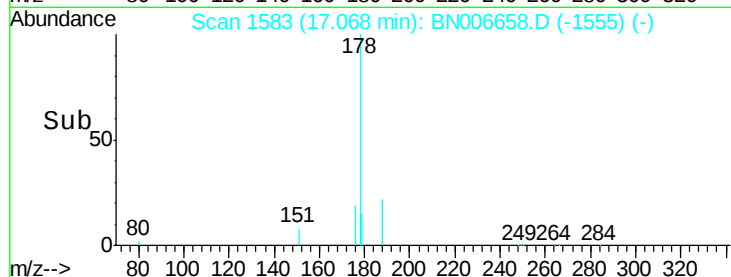
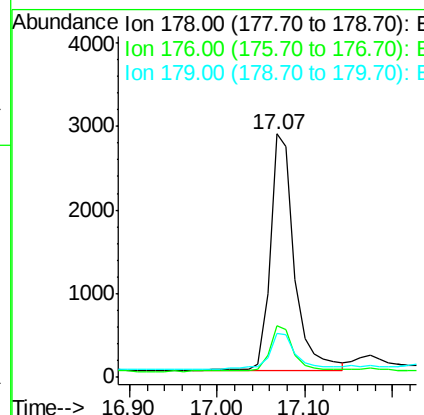
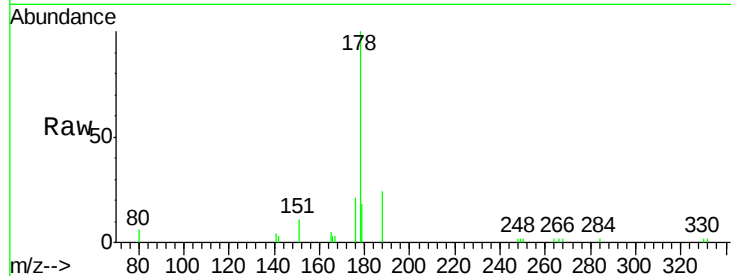
#23
Phenanthrene
Concen: 0.093 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BN006658.D
Acq: 01 Jul 2019 13:36

Instrument :
BNA_N
ClientSampleId :
PST-001-B200-062019

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	17.0	12.2	18.4

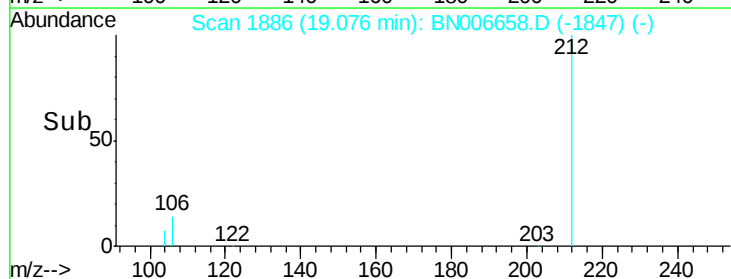
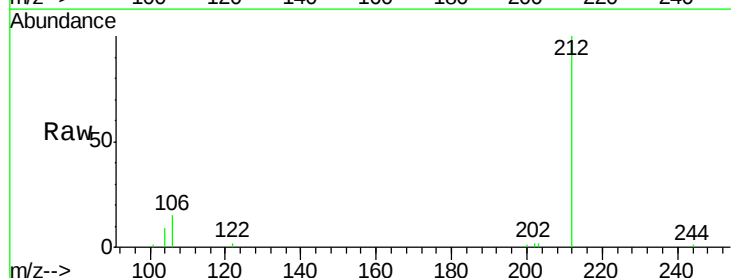
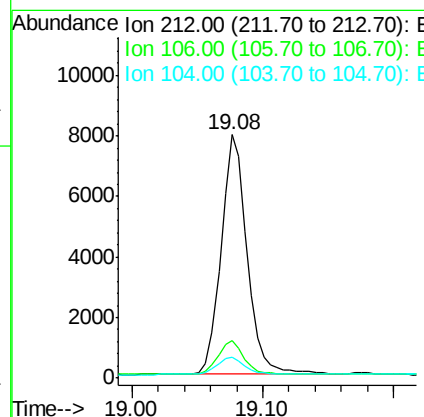
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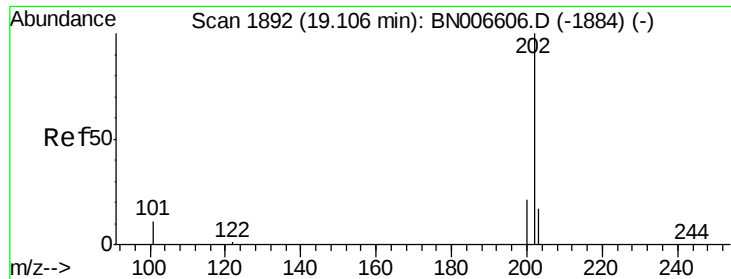
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#25
Fluoranthene-d10
Concen: 0.180 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BN006658.D
Acq: 01 Jul 2019 13:36

Tgt Ion	Ratio	Lower	Upper
212	100		
106	14.5	10.6	15.8
104	8.3	5.8	8.6





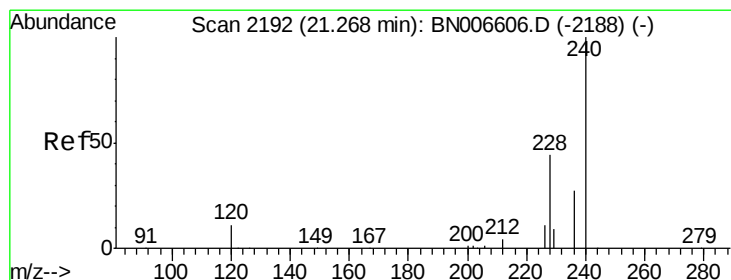
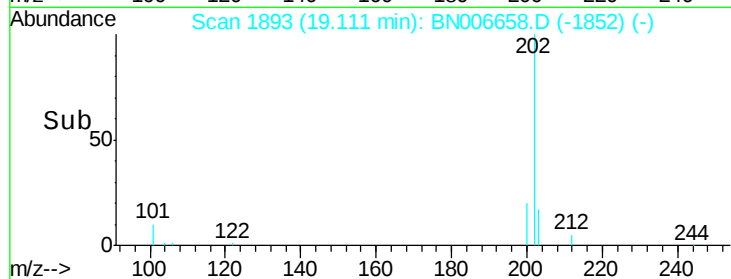
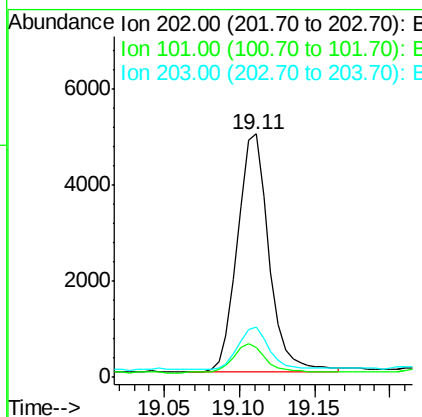
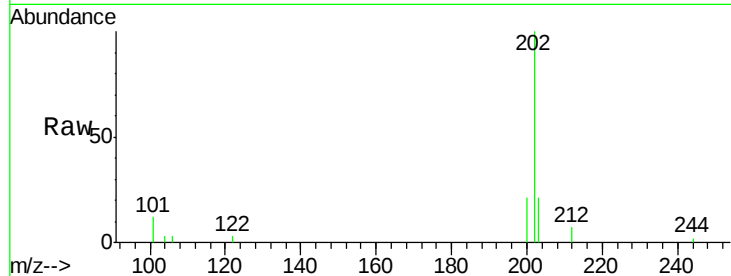
#26
Fluoranthene
Concen: 0.102 ng
RT: 19.11 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BN006658.D
Acq: 01 Jul 2019 13:36

Instrument :
BNA_N
ClientSampleId :
PST-001-B200-062019

Tot Ion:	202	Resp:	7215
Ion Ratio	Lower	Upper	
202	100		
101	12.9	8.9	13.3
203	17.8	13.6	20.4

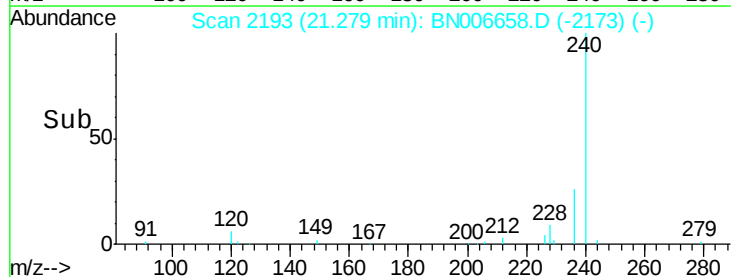
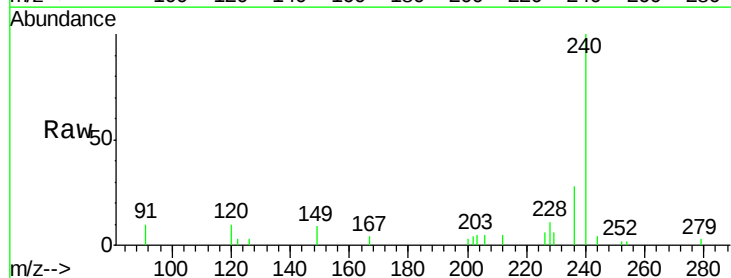
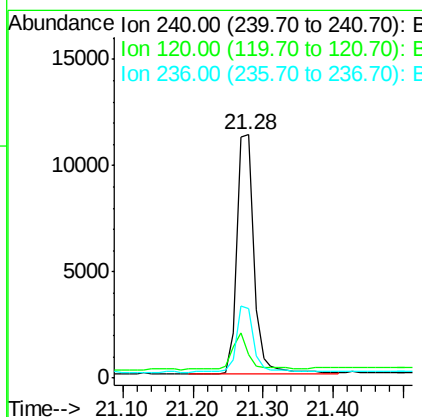
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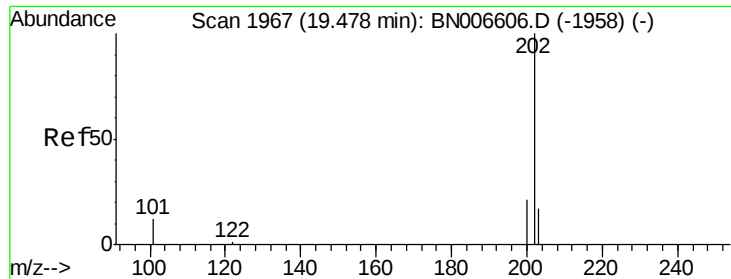
mohammad
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#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BN006658.D
Acq: 01 Jul 2019 13:36

Tgt Ion:	240	Resp:	19072
Ion Ratio	Lower	Upper	
240	100		
120	9.8	9.9	14.9#
236	28.4	22.2	33.4





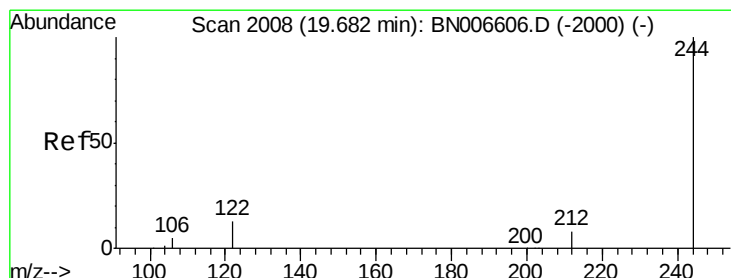
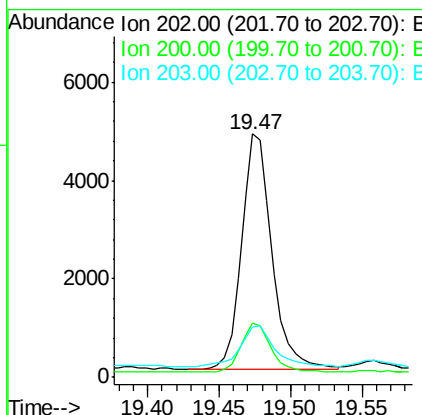
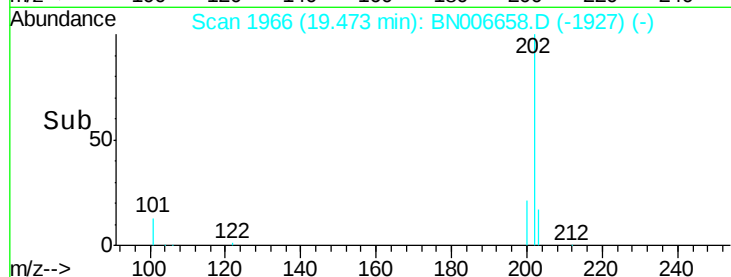
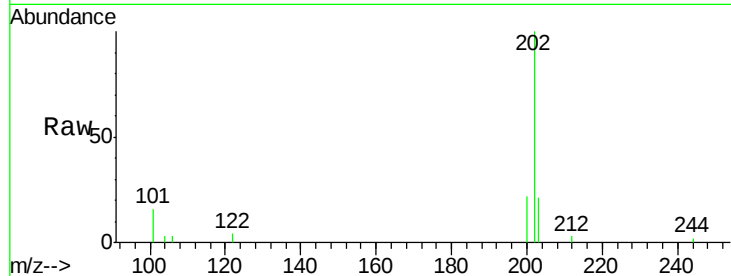
#28
Pvrene
Concen: 0.107 ng
RT: 19.47 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BN006658.D
Acq: 01 Jul 2019 13:36

Instrument :
BNA_N
ClientSampleId :
PST-001-B200-062019

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	20.2	14.1	21.1

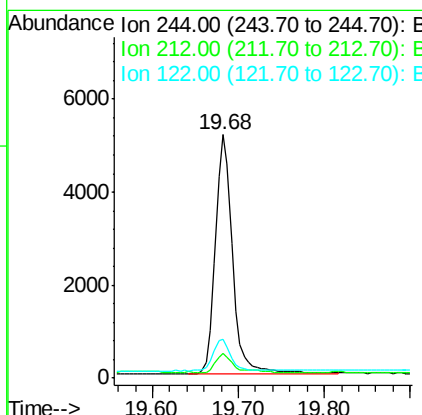
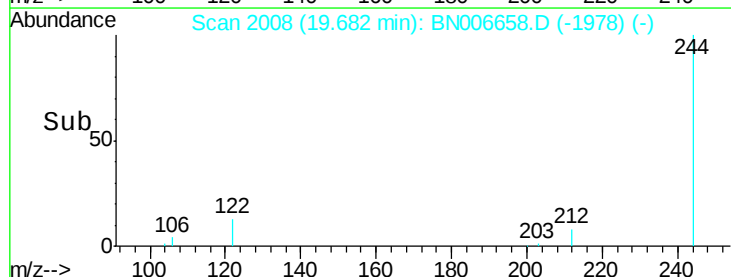
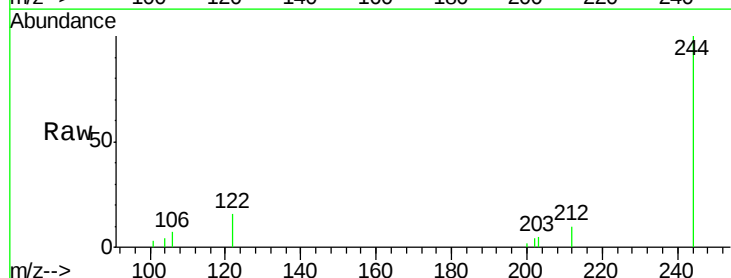
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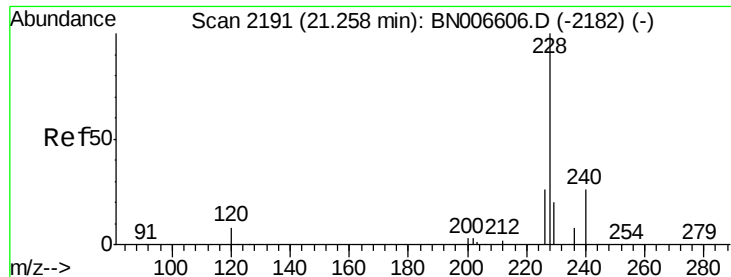
mohammad
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#29
Terphenyl-d14
Concen: 0.182 ng
RT: 19.68 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BN006658.D
Acq: 01 Jul 2019 13:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.0	6.7	10.1
122	16.0	11.0	16.6





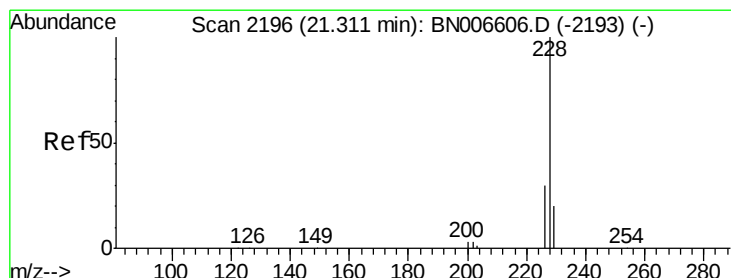
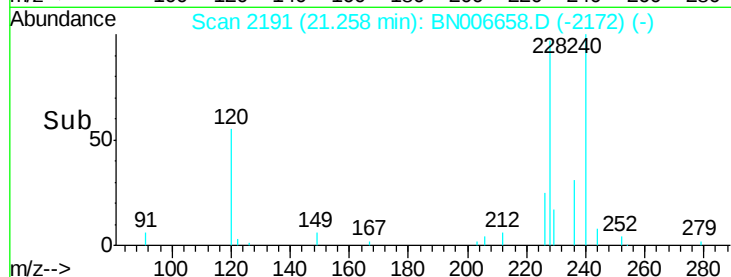
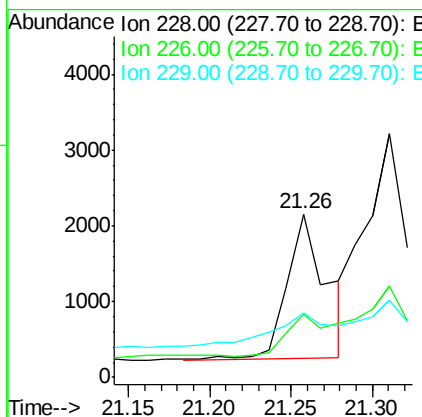
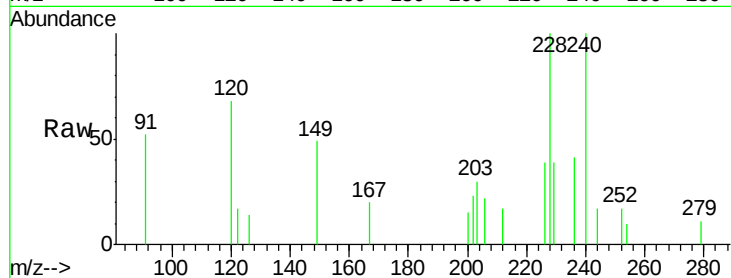
#30
Benzo(a)anthracene
Concen: 0.052 ng m
RT: 21.26 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BN006658.D
Acq: 01 Jul 2019 13:36

Instrument :
BNA_N
ClientSampleId :
PST-001-B200-062019

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	38.7	21.2	31.8#	
229	39.5	16.1	24.1#	

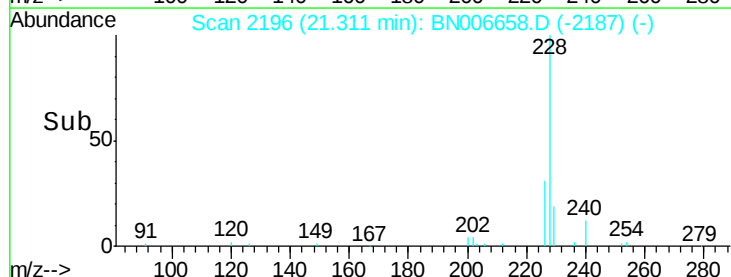
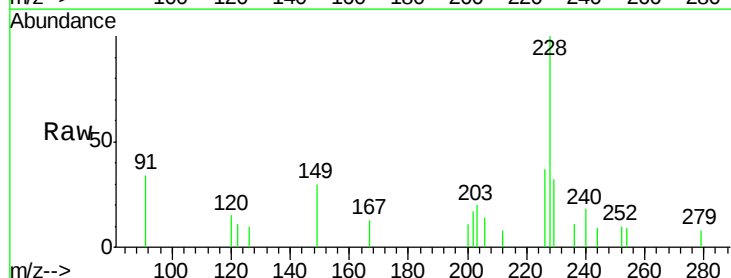
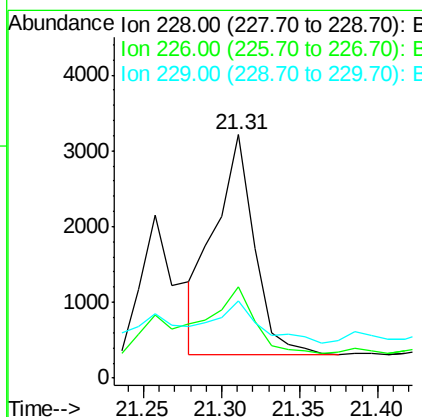
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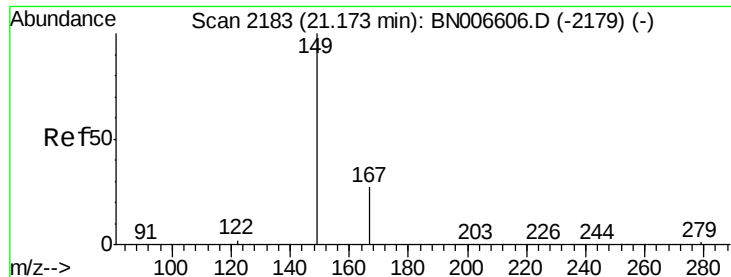
mohammad
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#31
Chrysene
Concen: 0.076 ng
RT: 21.31 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BN006658.D
Acq: 01 Jul 2019 13:36

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	37.4	23.8	35.6#	
229	31.6	15.9	23.9#	





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.190 ng

RT: 21.17 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BN006658.D

Acq: 01 Jul 2019 13:36

Instrument :

BNA_N

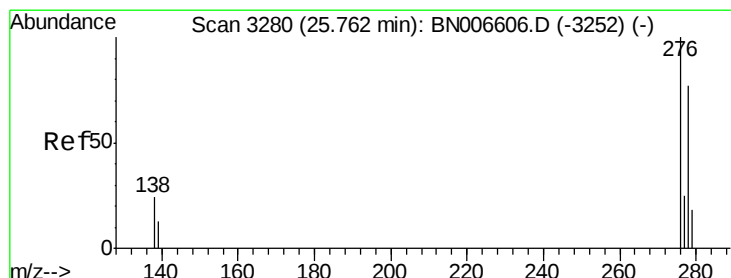
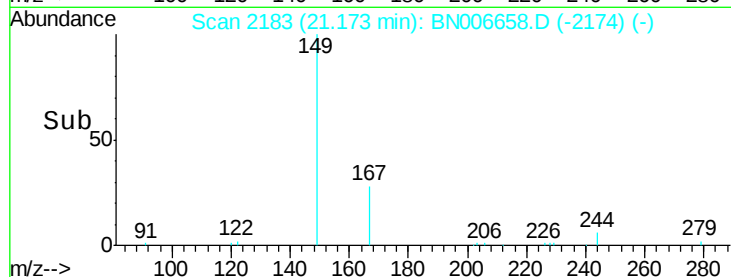
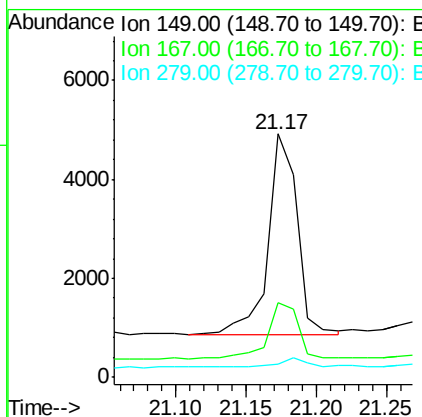
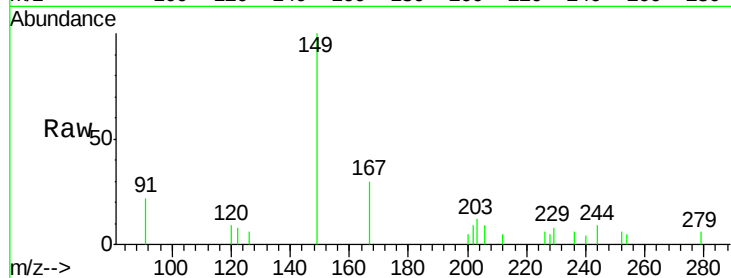
ClientSampleId :

PST-001-B200-062019

Tot Ion:	149	Resp:	5972
Ion Ratio	Lower	Upper	
149	100		
167	29.1	22.9	34.3
279	4.8	3.3	4.9

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#33

Indeno(1,2,3-cd)pyrene

Concen: 0.041 ng

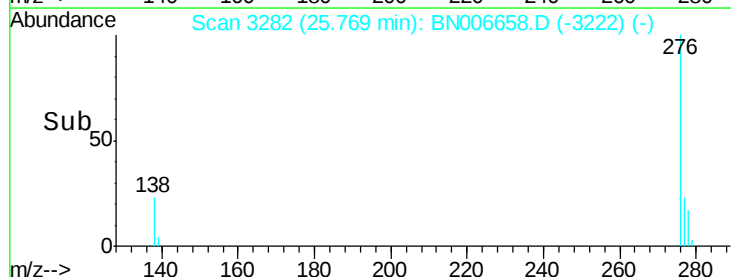
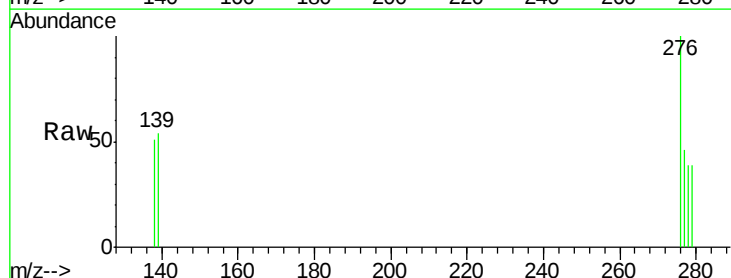
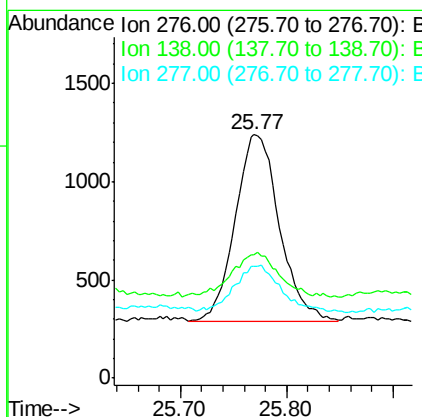
RT: 25.77 min Scan# 3282

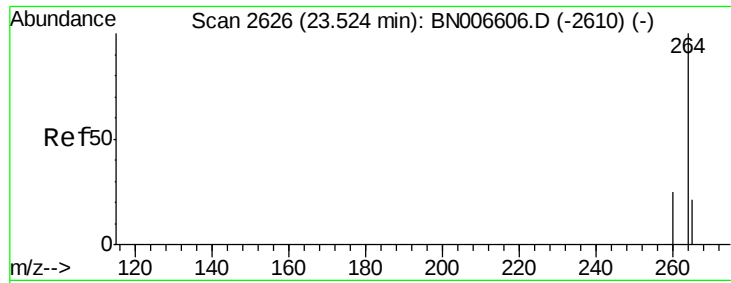
Delta R.T. 0.01 min

Lab File: BN006658.D

Acq: 01 Jul 2019 13:36

Tgt Ion:	276	Resp:	2772
Ion Ratio	Lower	Upper	
276	100		
138	23.6	19.3	28.9
277	24.8	19.9	29.9





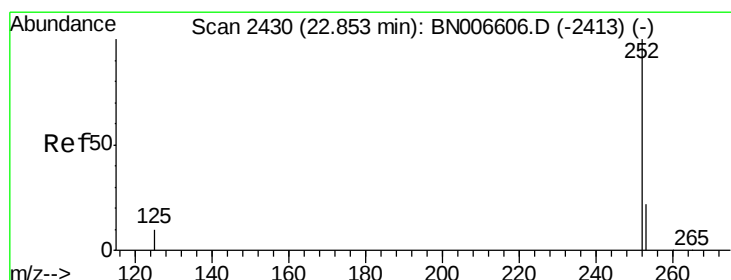
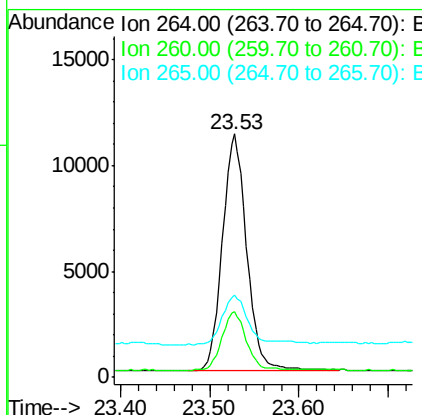
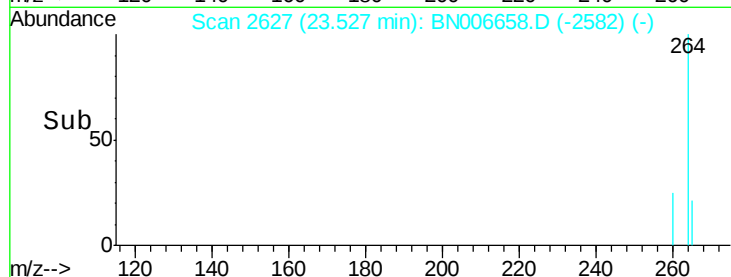
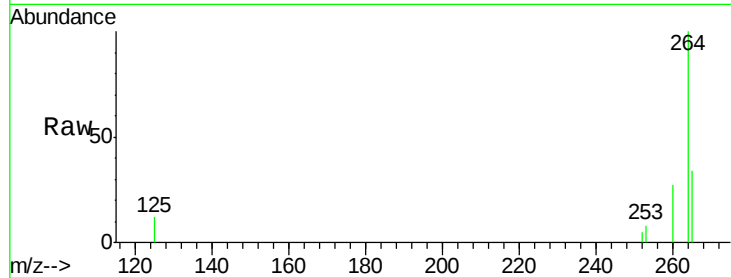
#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2627
Delta R.T. 0.00 min
Lab File: BN006658.D
Acq: 01 Jul 2019 13:36

Instrument :
BNA_N
ClientSampleId :
PST-001-B200-062019

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.0	20.2	30.2
265	33.9	23.3	34.9

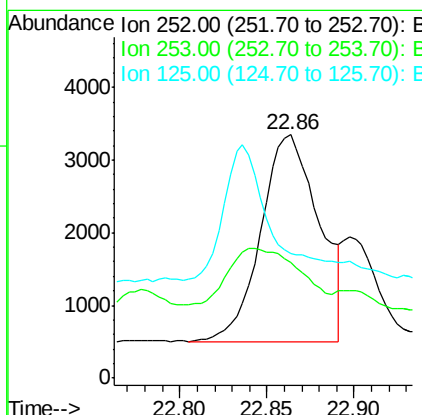
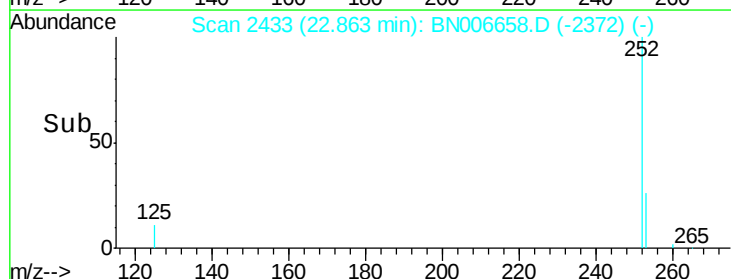
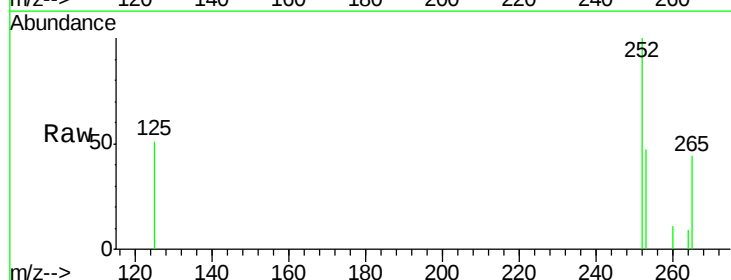
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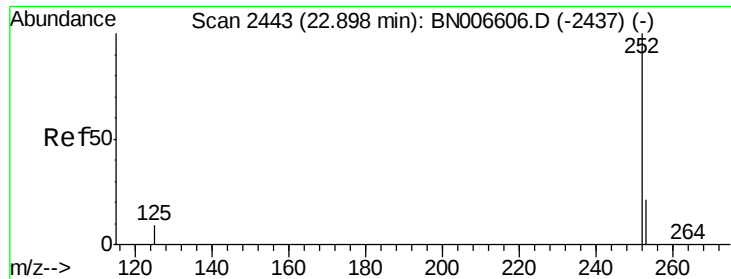
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#35
Benzo(b)fluoranthene
Concen: 0.092 ng
RT: 22.86 min Scan# 2433
Delta R.T. 0.01 min
Lab File: BN006658.D
Acq: 01 Jul 2019 13:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	47.4	18.4	27.6#
125	51.0	8.7	13.1#





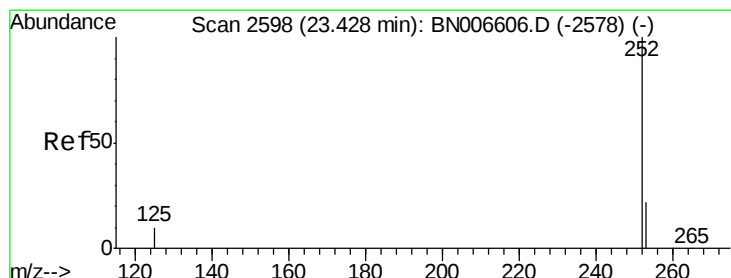
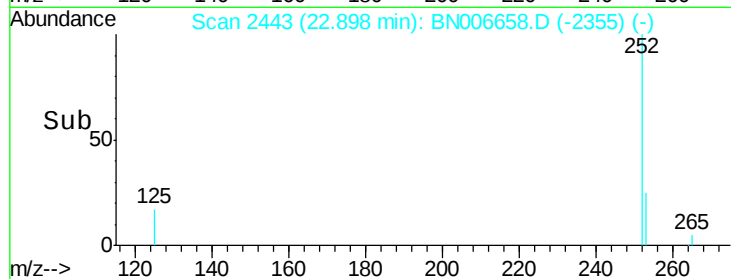
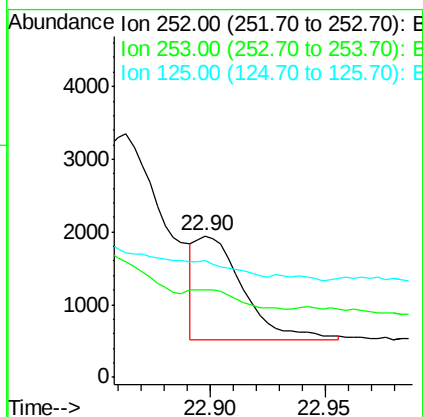
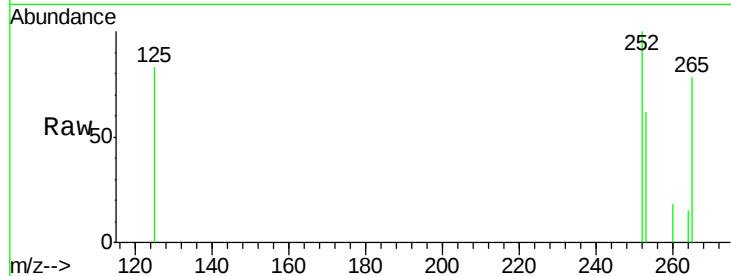
#36
Benzo(k)fluoranthene
Concen: 0.027 ng m
RT: 22.90 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BN006658.D
Acq: 01 Jul 2019 13:36

Instrument :
BNA_N
ClientSampleId :
PST-001-B200-062019

Tot Ion	Ratio	Lower	Upper
252	100		
253	61.6	18.3	27.5#
125	82.8	8.4	12.6#

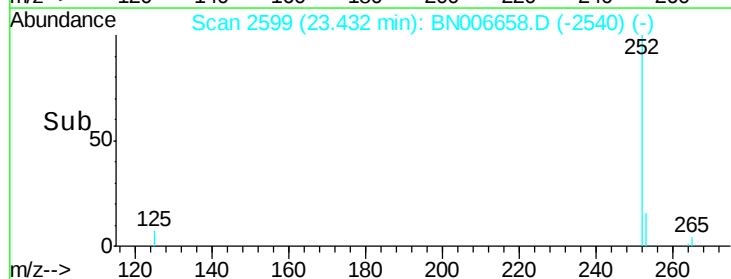
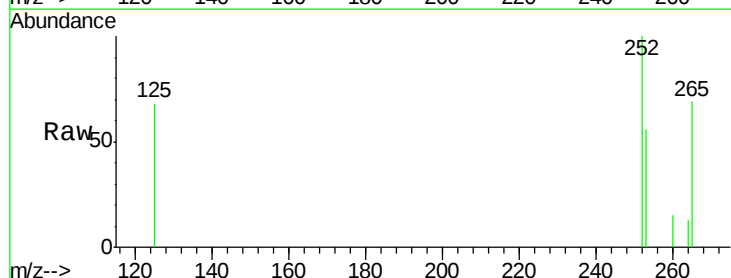
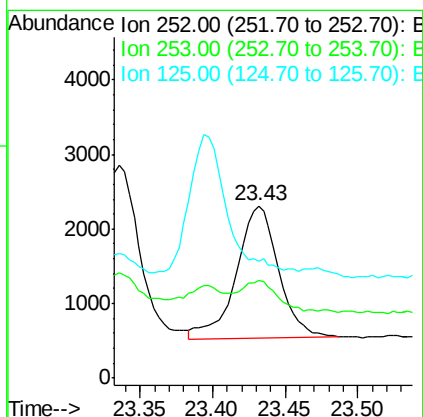
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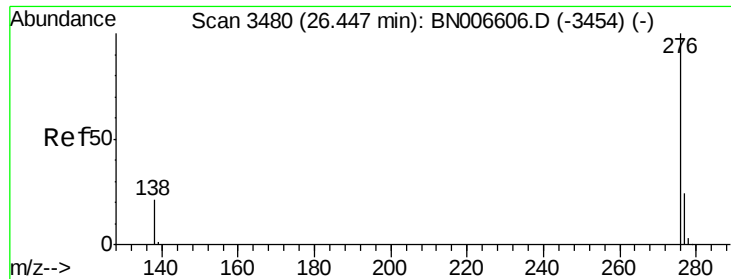
mohammad
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#37
Benzo(a)pyrene
Concen: 0.053 ng
RT: 23.43 min Scan# 2599
Delta R.T. 0.00 min
Lab File: BN006658.D
Acq: 01 Jul 2019 13:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	56.5	18.8	28.2#
125	67.8	9.4	14.2#





#39
 Benzo(a,h,i)perylene
 Concen: 0.060 ng
 RT: 26.46 min Scan# 3484
 Delta R.T. 0.01 min
 Lab File: BN006658.D
 Acq: 01 Jul 2019 13:36

Instrument :
 BNA_N
 ClientSampleId :
 PST-001-B200-062019

Tot Ion	Ratio	Lower	Upper
276	100		
277	43.6	19.6	29.4#
138	47.4	17.7	26.5#

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