

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070819\
 Data File : BN006753.D
 Acq On : 08 Jul 2019 12:02
 Operator : HP/JU
 Sample : PB121176BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB121176BS

Manual Integrations
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mohammad
 7/9/2019 8:47:21 AM

Quant Time: Jul 09 04:54:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2572	0.40	ng	-0.02
7) Naphthalene-d8	10.36	136	9850	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	5402	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	11899	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	12999	0.40	ng	-0.02
34) Perylene-d12	23.47	264	14223	0.40	ng	-0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1996	0.29	ng	0.00
5) Phenol-d6	6.83	99	2568	0.29	ng	0.00
8) Nitrobenzene-d5	8.79	82	2134	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	11.98	152	7122	0.48	ng	-0.01
14) 2,4,6-Tribromophenol	15.78	330	701	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	7345	0.35	ng	-0.02
25) Fluoranthene-d10	19.06	212	11468	0.34	ng	-0.02
29) Terphenyl-d14	19.66	244	8211	0.27	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	1476	0.367	ng	# 19
3) n-Nitrosodimethylamine	3.48	42	889	0.293	ng	# 89
6) bis(2-Chloroethyl)ether	7.05	93	1952	0.261	ng	97
9) Naphthalene	10.41	128	9200	0.341	ng	99
10) Hexachlorobutadiene	10.69	225	1843	0.338	ng	# 100
12) 2-Methylnaphthalene	12.06	142	5900	0.300	ng	98
16) Acenaphthylene	13.96	152	8745	0.325	ng	100
17) Acenaphthene	14.31	154	5816	0.339	ng	96
18) Fluorene	15.31	166	7043	0.330	ng	100
20) 4-Bromophenyl-phenylether	16.21	248	2153	0.307	ng	97
21) Hexachlorobenzene	16.32	284	2975	0.357	ng	99
22) Pentachlorophenol	16.74	266	254	0.337	ng	92
23) Phenanthrene	17.06	178	11263	0.328	ng	99
24) Anthracene	17.15	178	9342	0.301	ng	99
26) Fluoranthene	19.09	202	13953	0.346	ng	100
28) Pyrene	19.46	202	14679	0.282	ng	100
30) Benzo(a)anthracene	21.23	228	12402	0.277	ng	100
31) Chrysene	21.28	228	14603	0.316	ng	99
32) Bis(2-ethylhexyl)phthalate	21.14	149	5671	0.042	ng	98
33) Indeno(1,2,3-cd)pyrene	25.70	276	19752	0.357	ng	98
35) Benzo(b)fluoranthene	22.80	252	15022	0.329	ng	98
36) Benzo(k)fluoranthene	22.85	252	17488m	0.353	ng	
37) Benzo(a)pyrene	23.38	252	15250	0.345	ng	# 96
38) Dibenzo(a,h)anthracene	25.70	278	15821	0.360	ng	97
39) Benzo(g,h,i)perylene	26.38	276	17221	0.381	ng	96

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

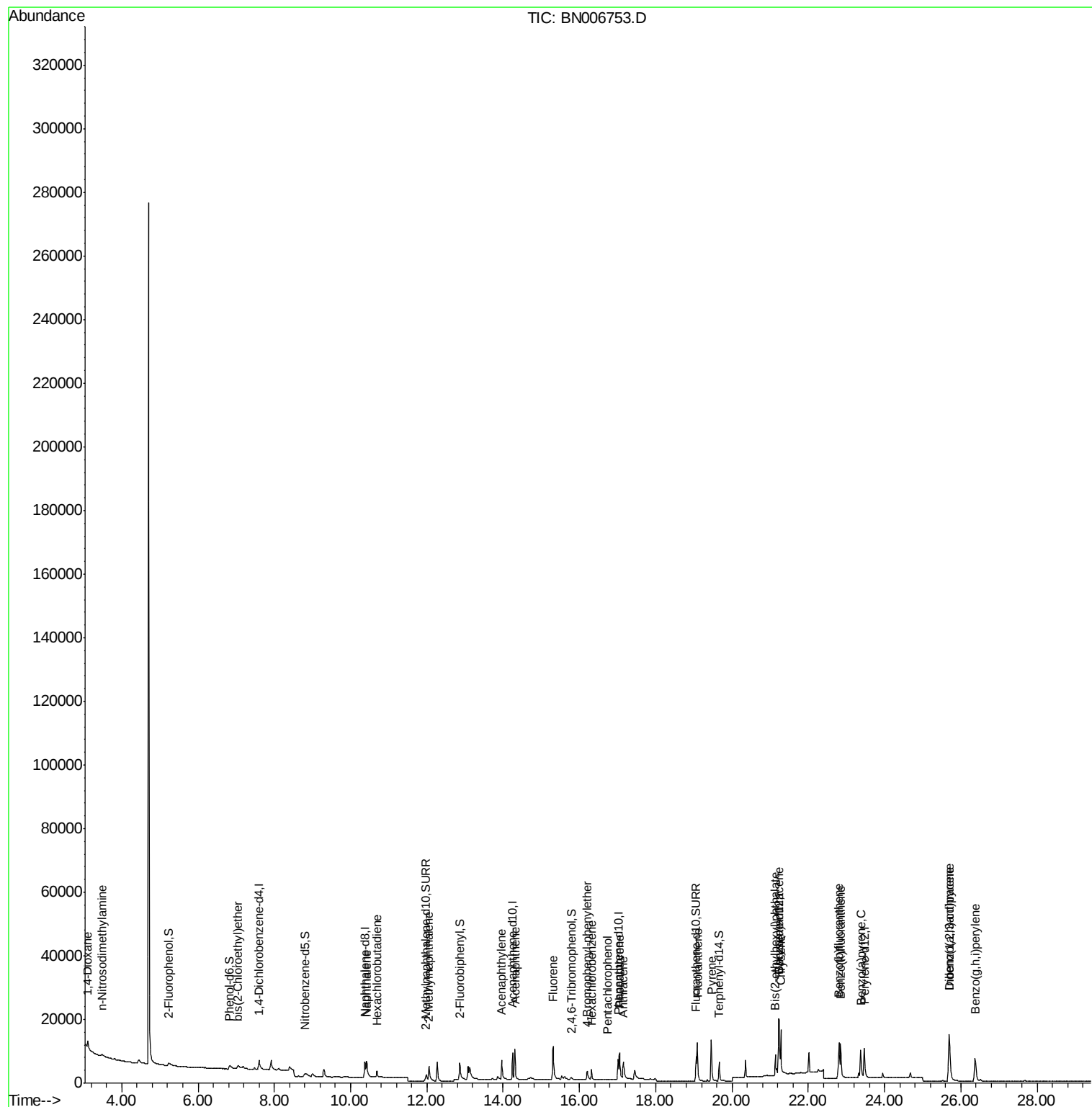
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070819\
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.60 min Scan# 567

Delta R.T. -0.02 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

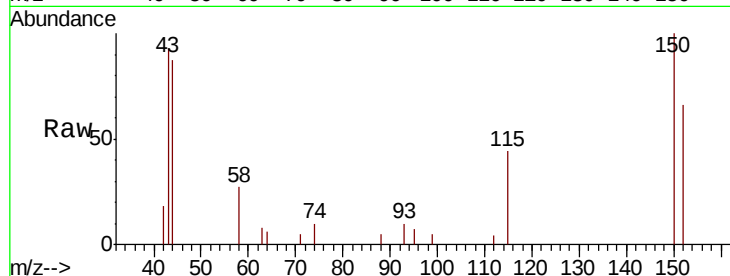
ClientSampleId :

PB121176BS

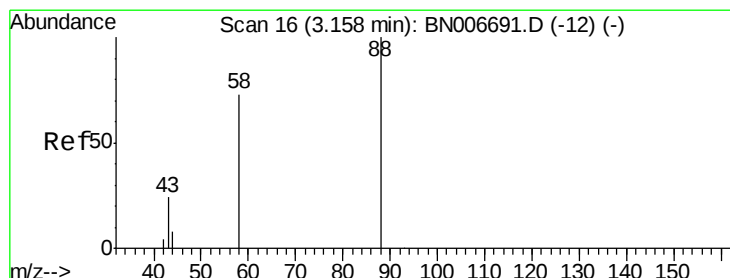
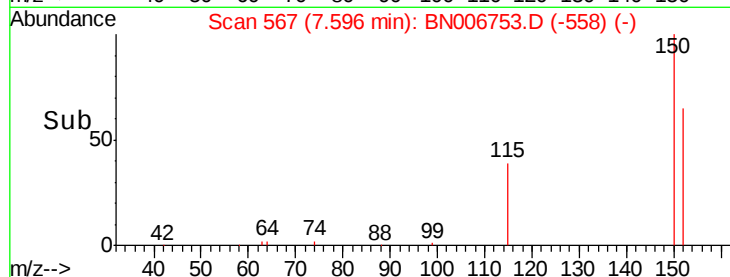
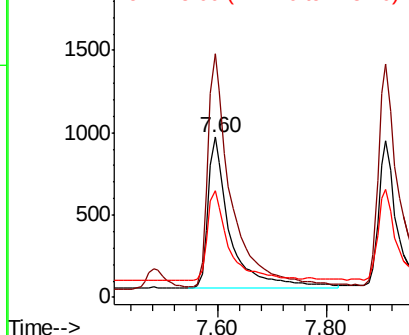
Tot Ion:	152	Resp:	2572
Ion	Ratio	Lower	Upper
152	100		
150	151.8	120.6	181.0
115	66.8	51.0	76.6

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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



#2

1,4-Dioxane

Concen: 0.367 ng

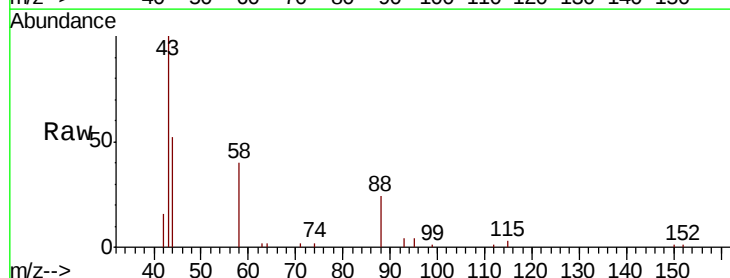
RT: 3.12 min Scan# 11

Delta R.T. -0.04 min

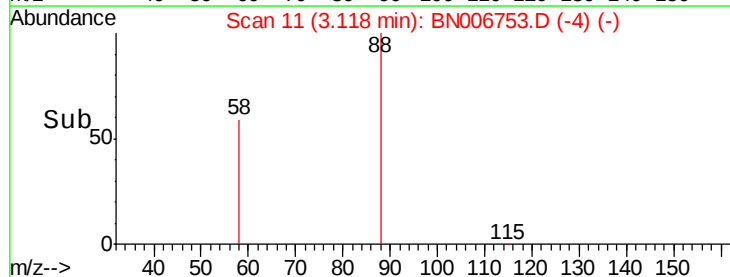
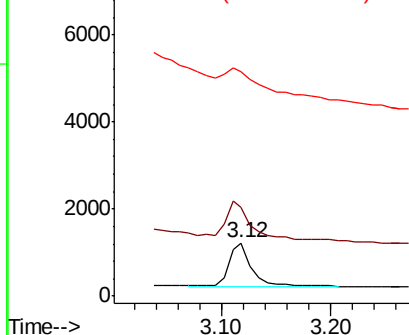
Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Tgt Ion:	88	Resp:	1476
Ion	Ratio	Lower	Upper
88	100		
58	115.1	61.1	91.7#
43	133.4	32.4	48.6#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.293 ng

RT: 3.48 min Scan# 56

Delta R.T. -0.02 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

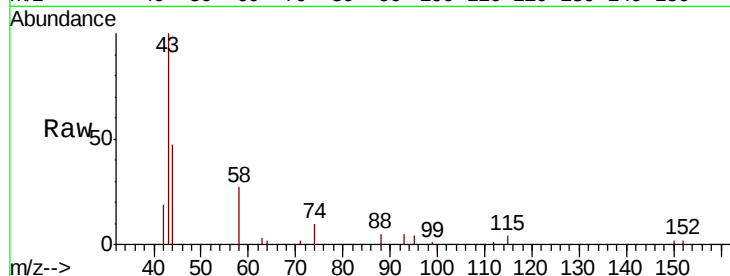
ClientSampleId :

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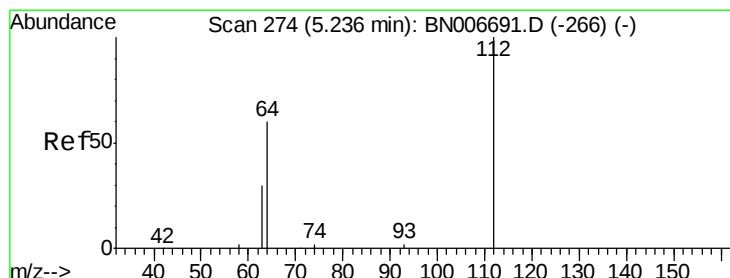
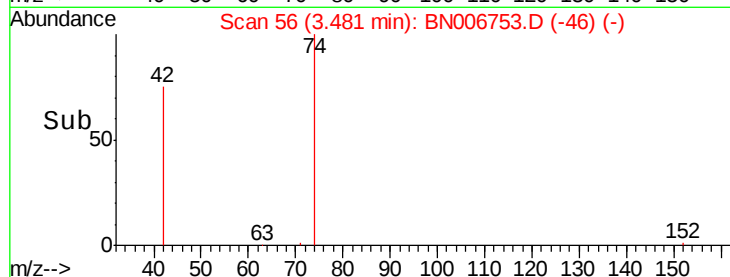
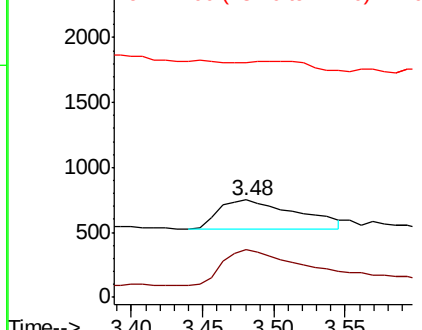
Tot Ion:	42	Resp:	889
Ion	Ratio	Lower	Upper
42	100		
74	121.9	106.6	160.0
44	0.0	8.0	12.0#

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Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.286 ng

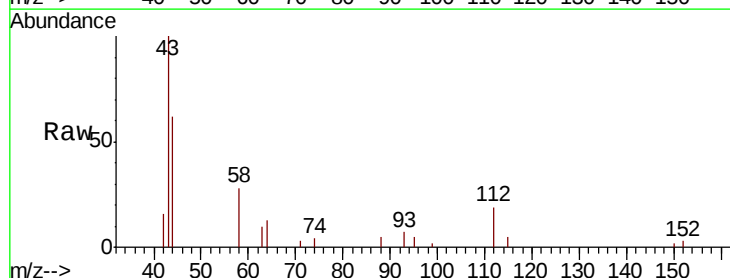
RT: 5.24 min Scan# 274

Delta R.T. -0.00 min

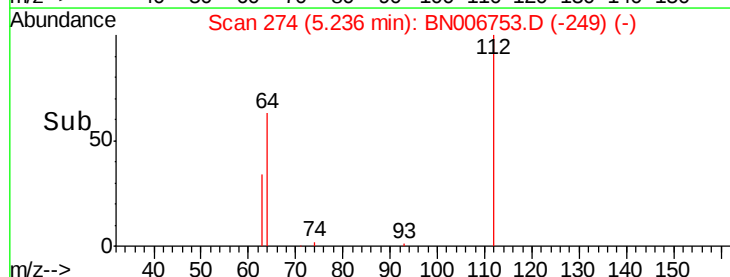
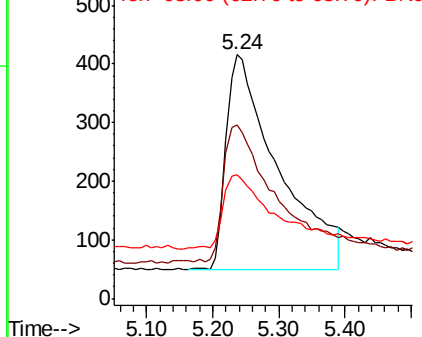
Lab File: BN006753.D

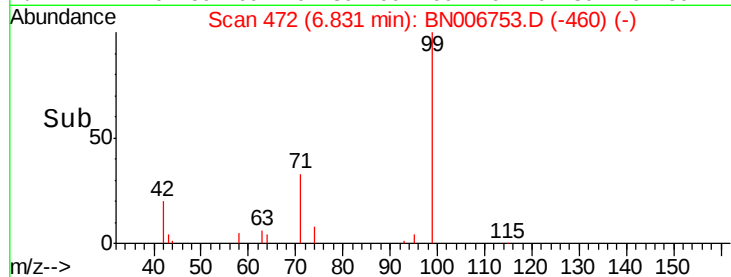
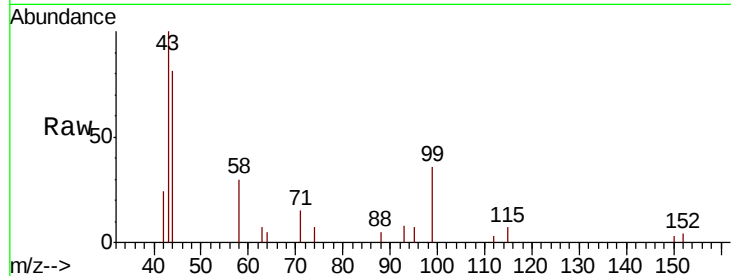
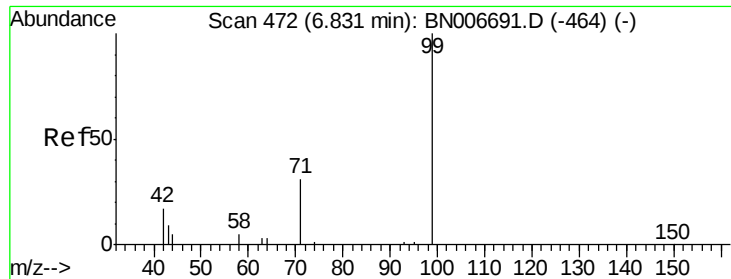
Acq: 08 Jul 2019 12:02

Tgt Ion:	112	Resp:	1996
Ion	Ratio	Lower	Upper
112	100		
64	65.8	49.8	74.6
63	35.4	25.8	38.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.290 ng

RT: 6.83 min Scan# 472

Delta R.T. -0.00 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Tot Ion:	99	Resp:	2568
Ion	Ratio	Lower	Upper
99	100		
42	26.4	16.6	25.0#
71	34.7	26.0	39.0

Instrument :

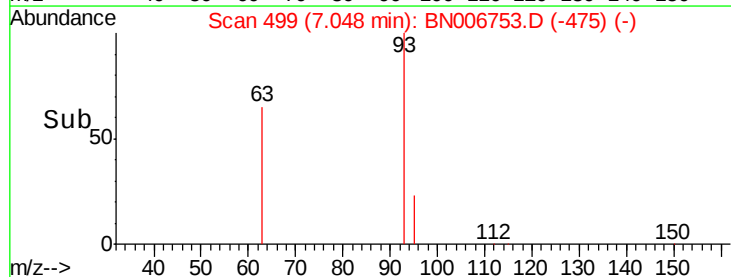
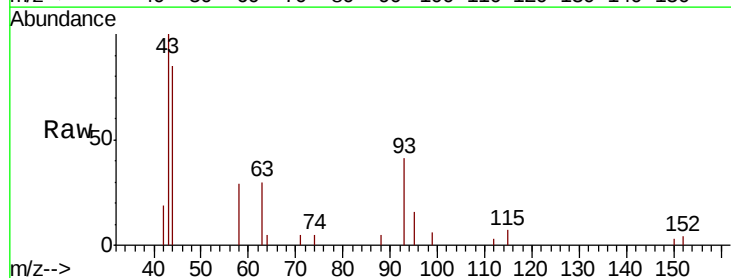
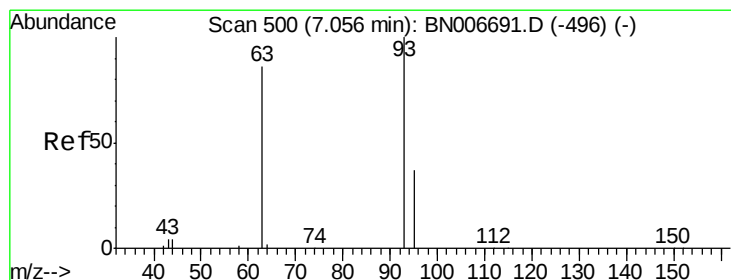
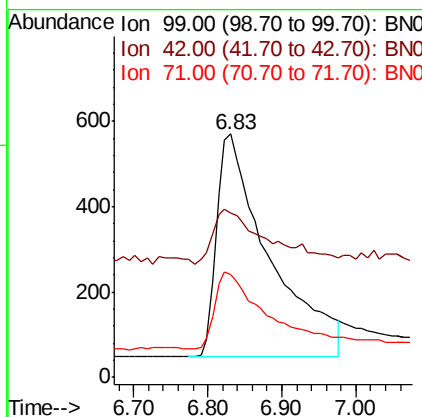
BNA_N

ClientSampleId :

PB121176BS

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#6

bis(2-Chloroethyl)ether

Concen: 0.261 ng

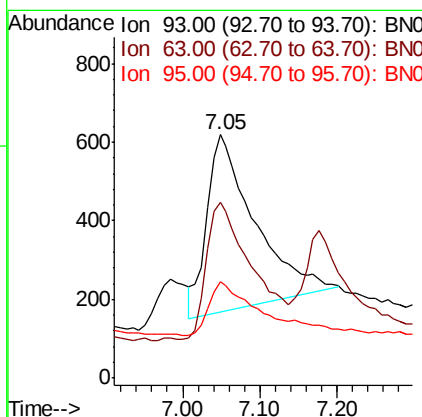
RT: 7.05 min Scan# 499

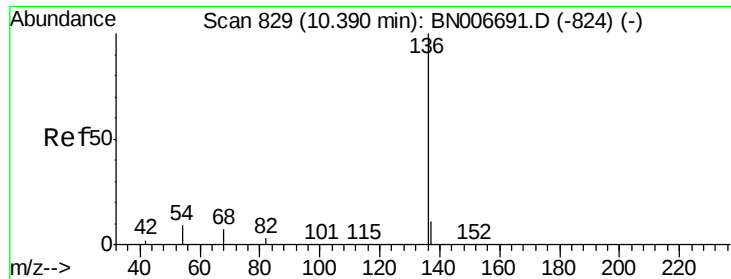
Delta R.T. -0.01 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Tgt Ion:	93	Resp:	1952
Ion	Ratio	Lower	Upper
93	100		
63	75.4	58.6	87.8
95	33.6	28.3	42.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

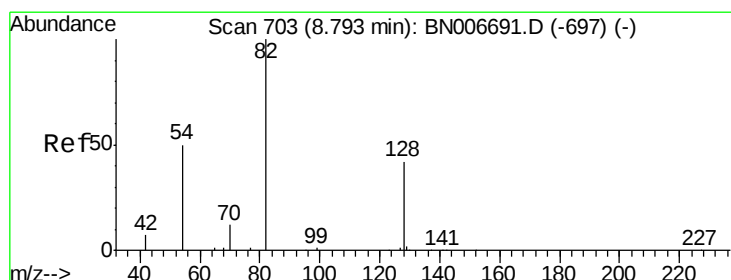
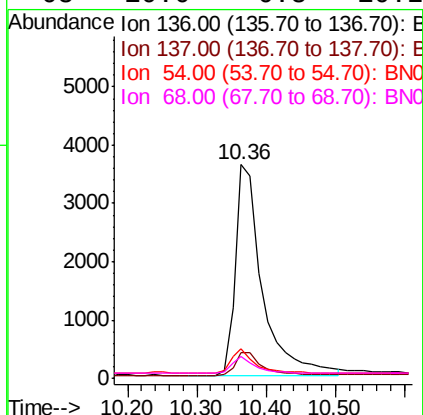
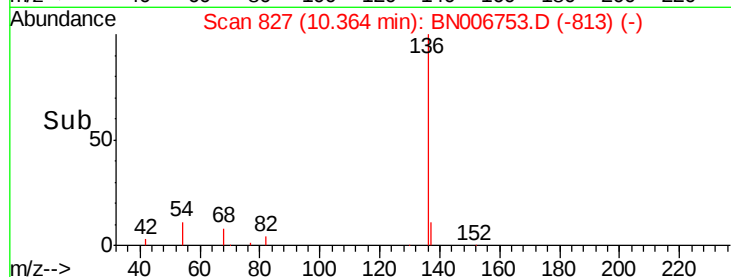
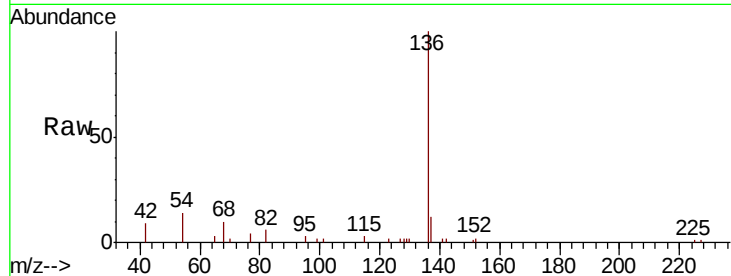
ClientSampleId :

PB121176BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	13.5	8.4	12.6
68	10.0	6.8	10.2

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#8

Nitrobenzene-d5

Concen: 0.282 ng

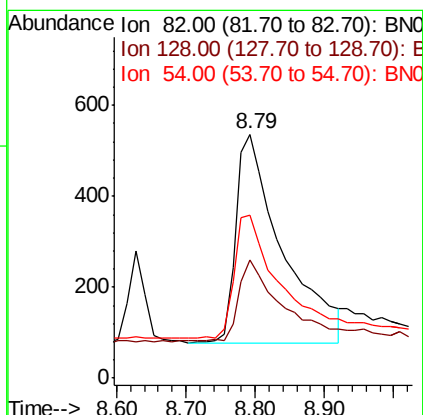
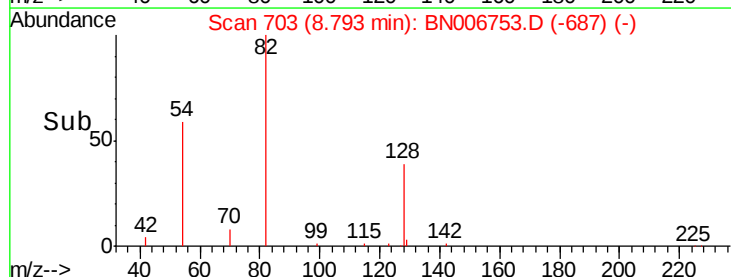
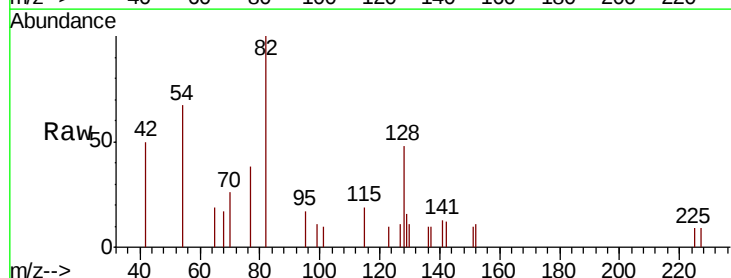
RT: 8.79 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	66.8	44.5	66.7





#9

Naphthalene

Concen: 0.341 ng

RT: 10.41 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

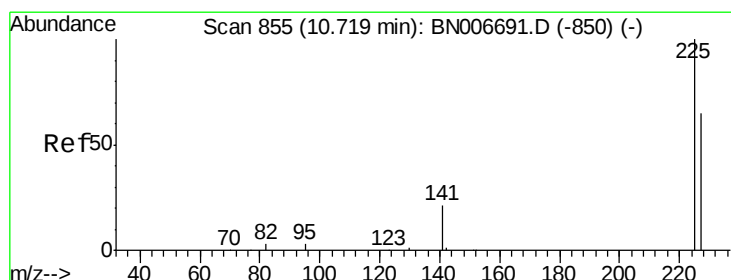
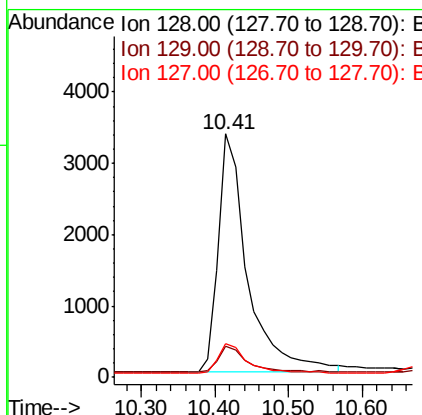
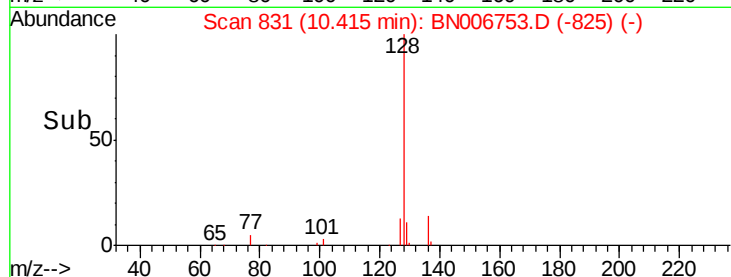
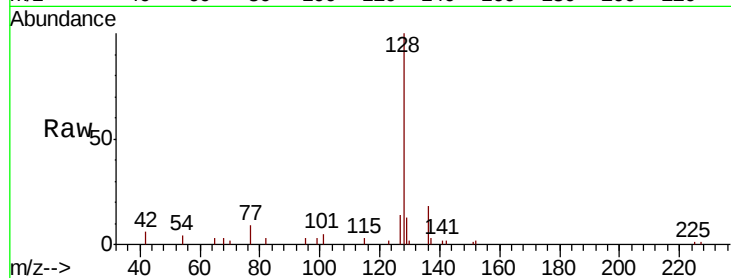
ClientSampleId :

PB121176BS

Tot Ion:	128	Resp:	9200
Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.6	14.4
127	14.1	11.0	16.4

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#10

Hexachlorobutadiene

Concen: 0.338 ng

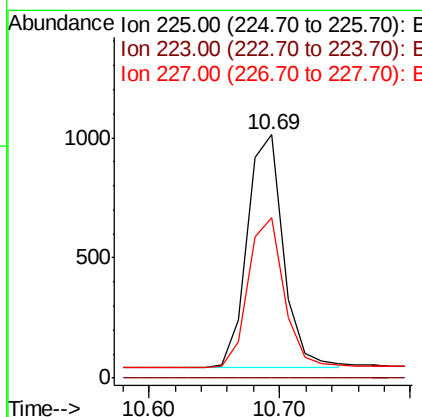
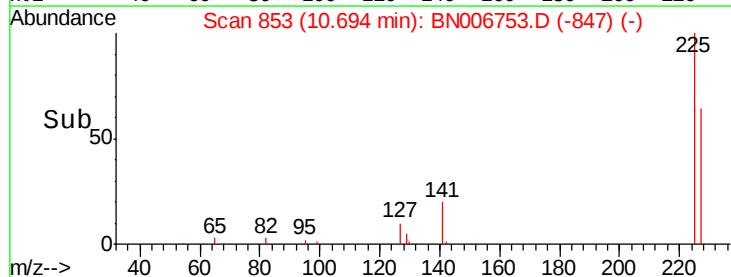
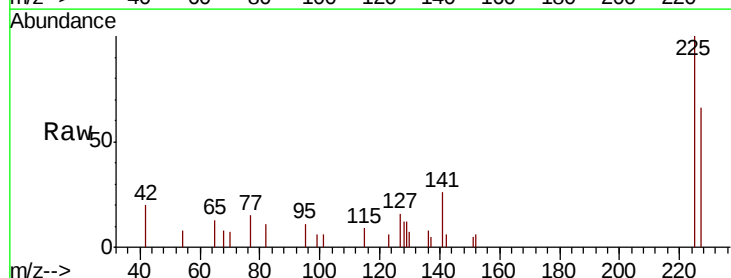
RT: 10.69 min Scan# 853

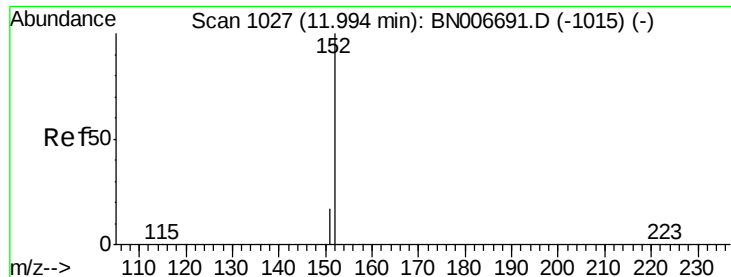
Delta R.T. -0.03 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Tgt Ion:	225	Resp:	1843
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.9	76.3





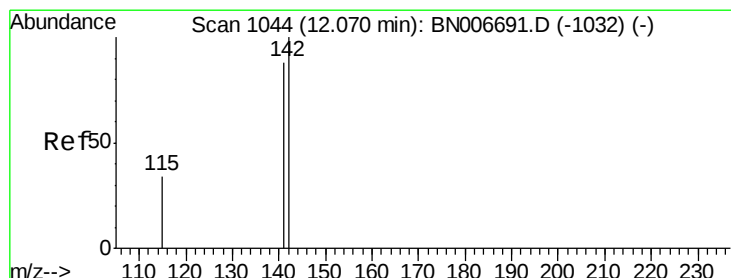
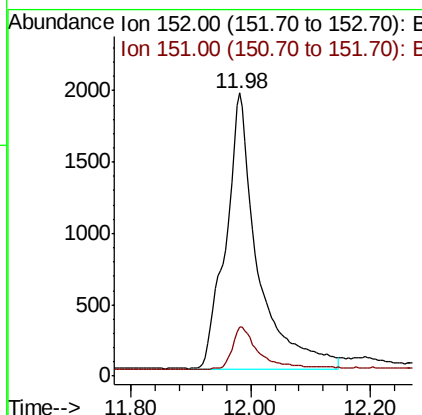
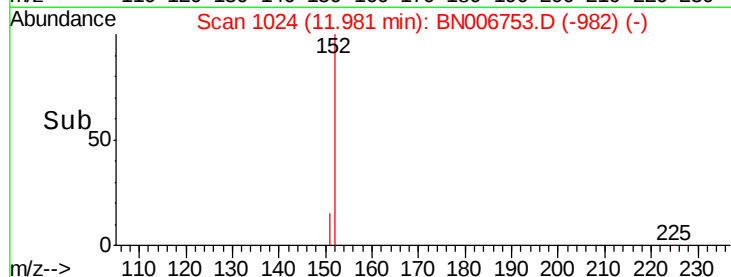
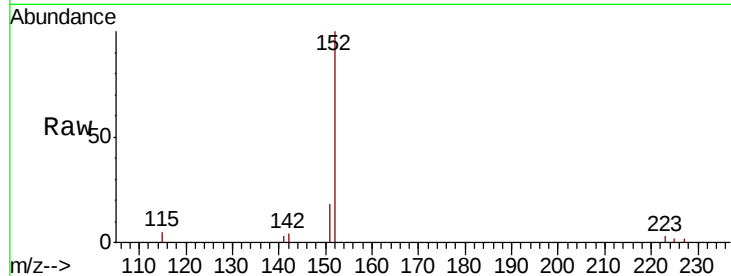
#11
 2-Methylnaphthalene-d10
 Concen: 0.481 ng
 RT: 11.98 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BN006753.D
 Acq: 08 Jul 2019 12:02

Instrument :
 BNA_N
 ClientSampleId :
 PB121176BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	12.7	14.9	22.3#

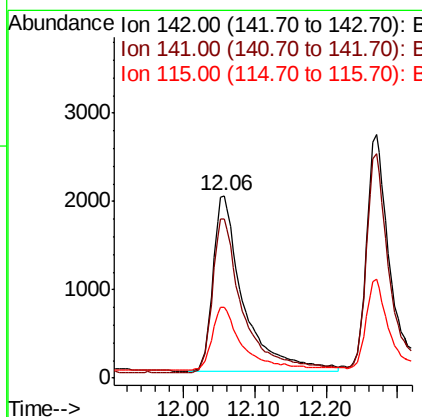
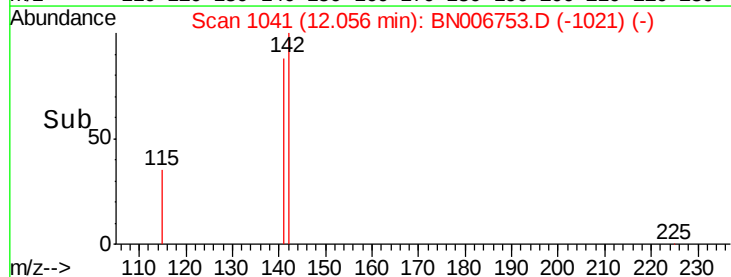
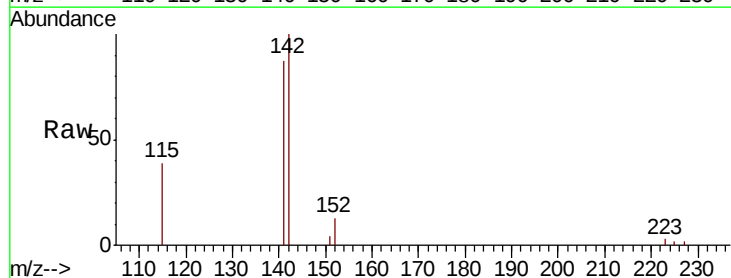
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#12
 2-Methylnaphthalene
 Concen: 0.300 ng
 RT: 12.06 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BN006753.D
 Acq: 08 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.3	105.5
115	38.6	28.9	43.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS

Tot Ion:164 Resp: 5402

Ion Ratio Lower Upper

164 100

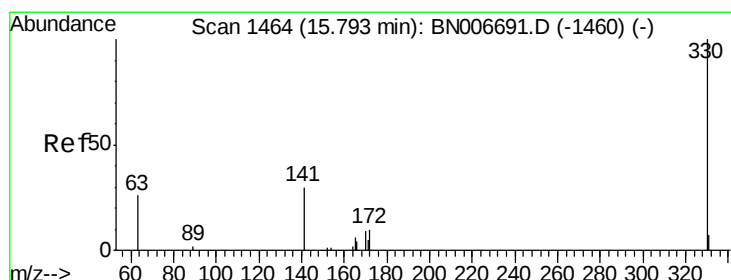
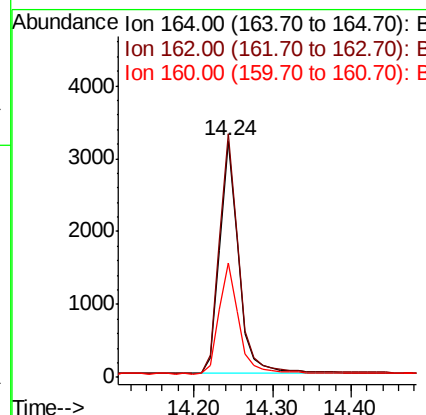
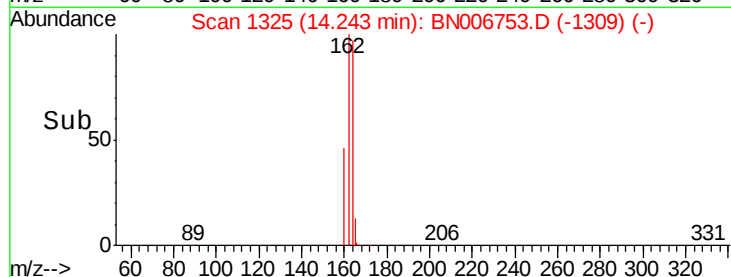
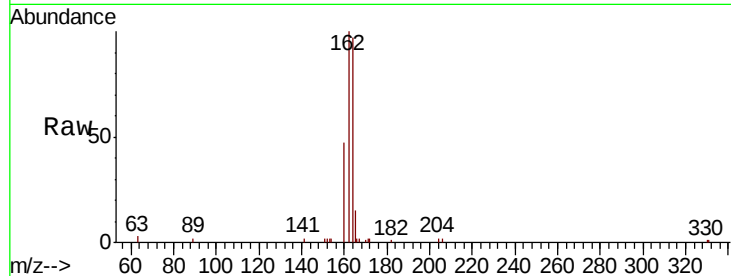
162 103.0 80.8 121.2

160 48.5 37.0 55.6

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#14

2,4,6-Tribromophenol

Concen: 0.264 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

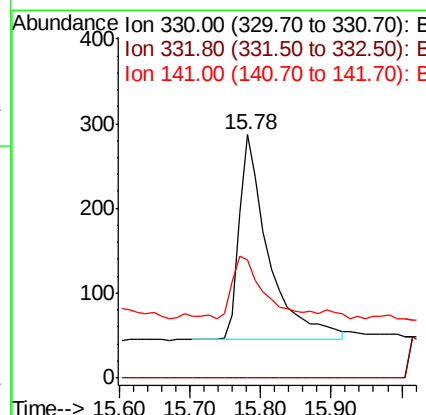
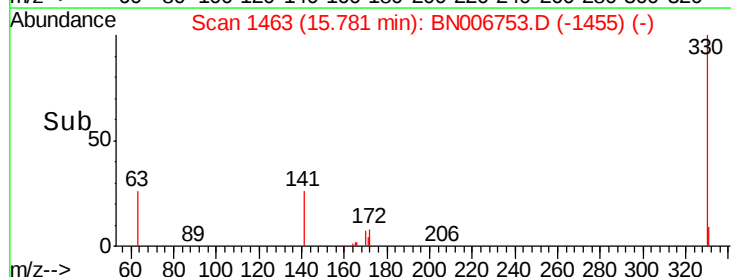
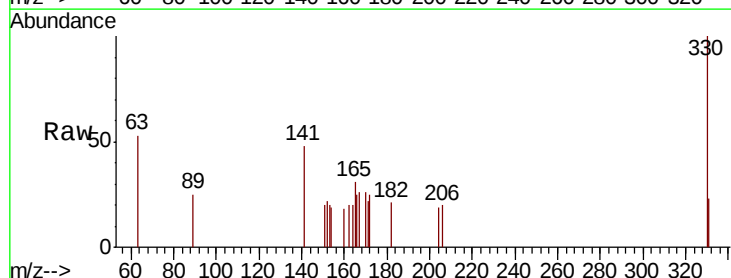
Tgt Ion:330 Resp: 701

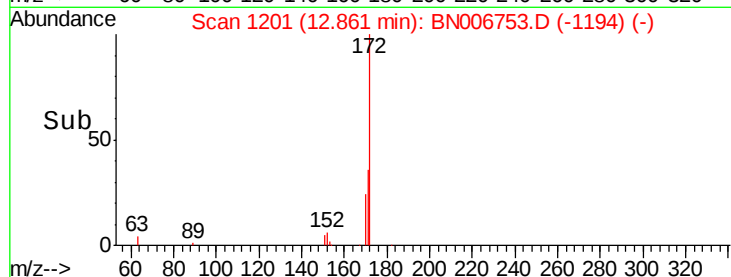
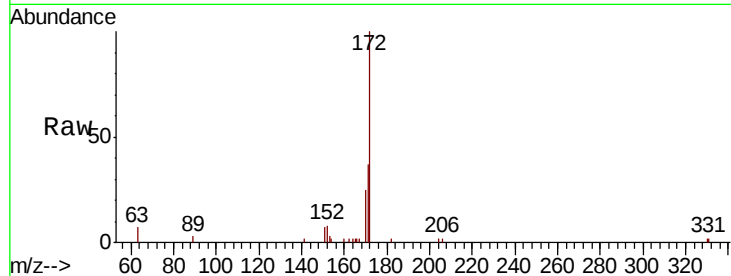
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 31.7 24.8 37.2





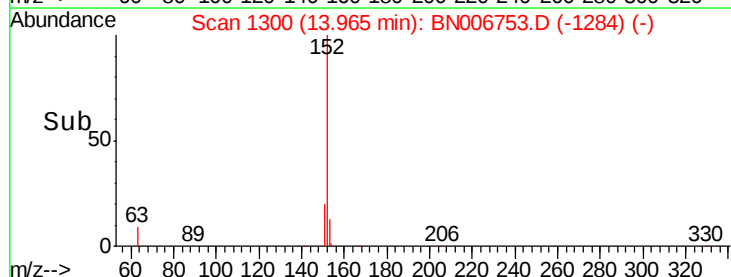
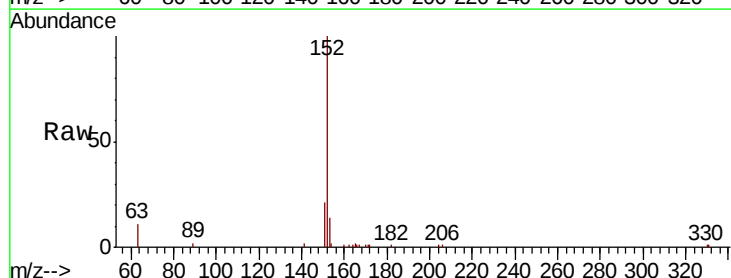
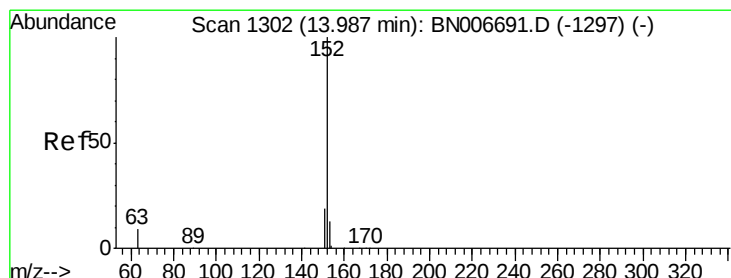
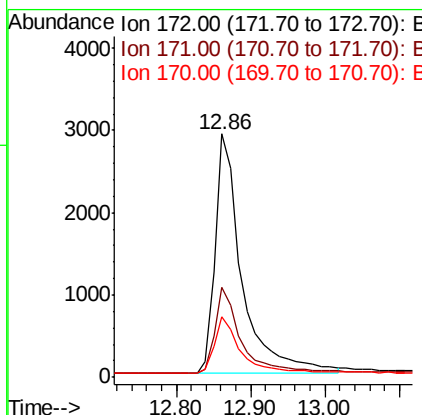
#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	27.8	41.6
170	24.9	18.9	28.3

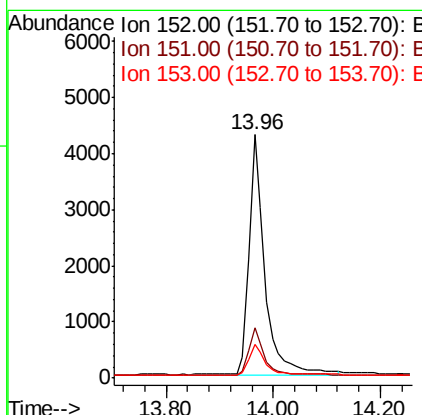
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#16
Acenaphthylene
Concen: 0.325 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.6	15.8





#17

Acenaphthene

Concen: 0.339 ng

RT: 14.31 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

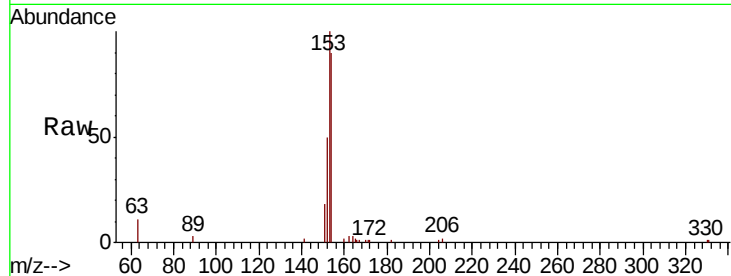
ClientSampleId :

PB121176BS

Tot Ion:	154	Resp:	5816
Ion Ratio	Lower	Upper	
154	100		
153	115.5	88.9	133.3
152	56.1	42.8	64.2

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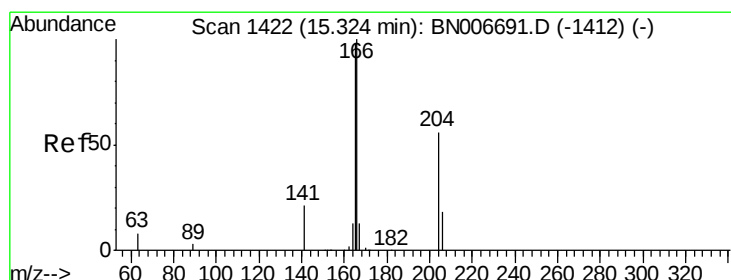
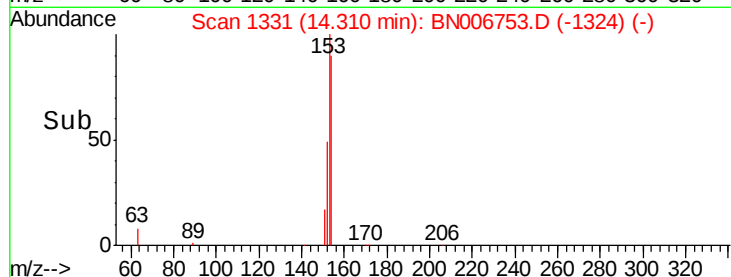
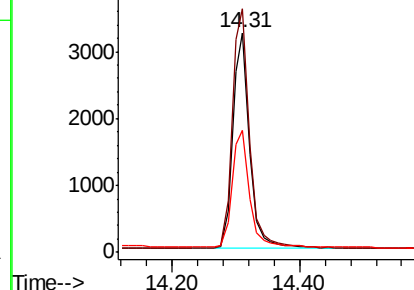


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.330 ng

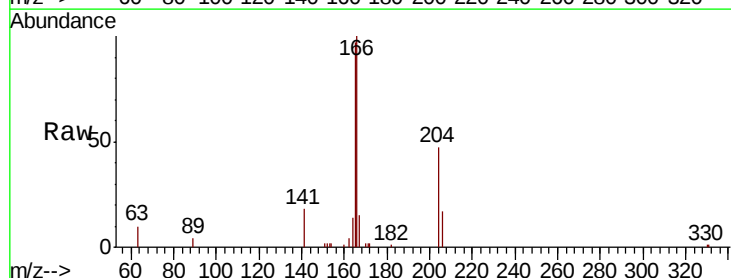
RT: 15.31 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Tgt Ion:	166	Resp:	7043
Ion Ratio	Lower	Upper	
166	100		
165	97.9	78.0	117.0
167	13.4	10.7	16.1

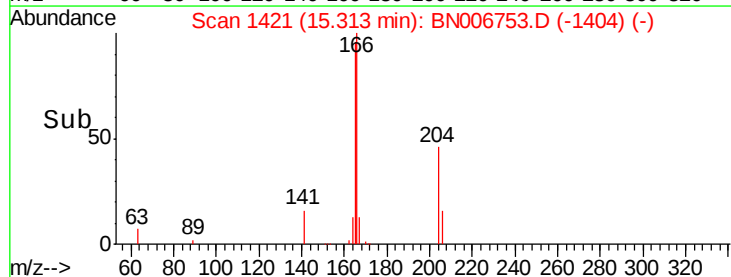
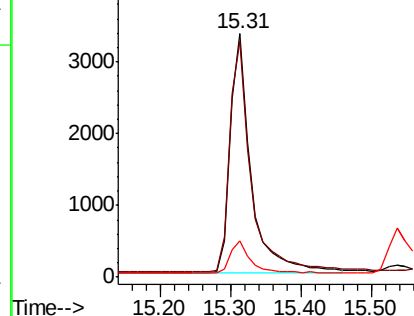


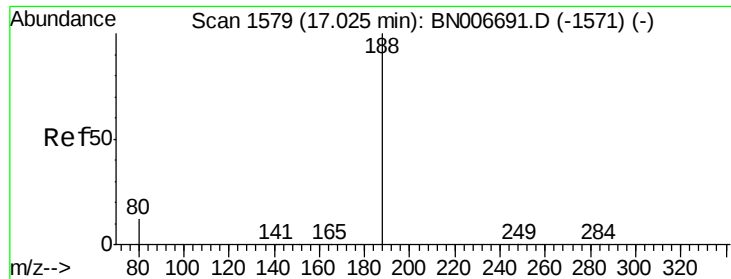
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.01 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

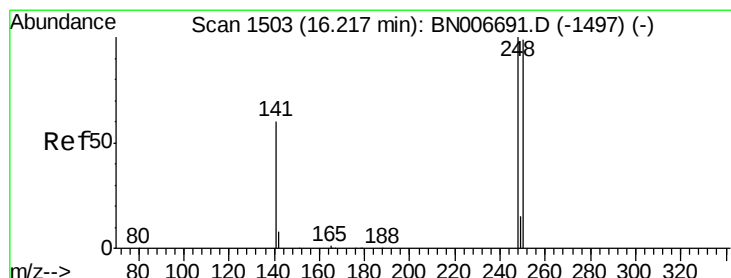
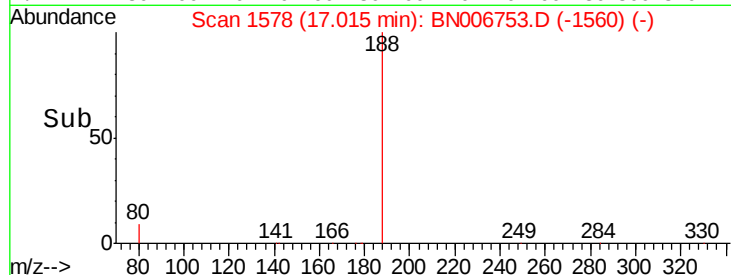
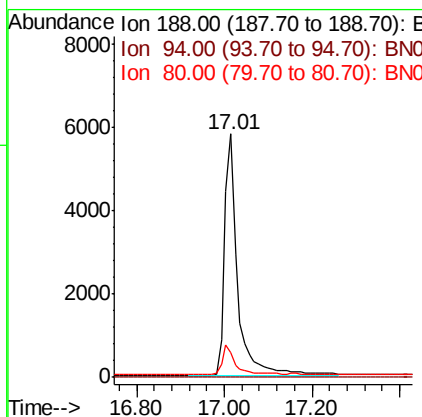
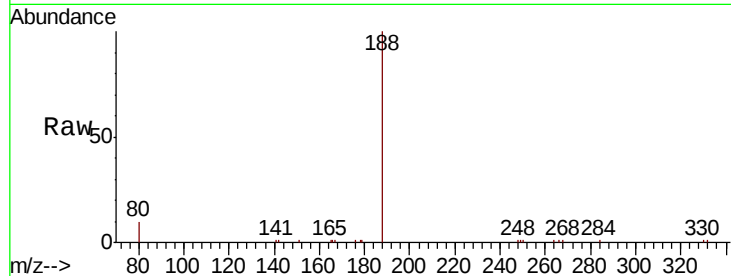
ClientSampleId :

PB121176BS

Tot Ion:	188	Resp:	11899
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.4	10.3	15.5

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#20

4-Bromophenyl-phenylether

Concen: 0.307 ng

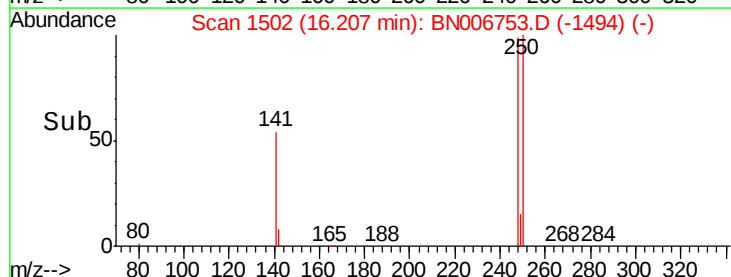
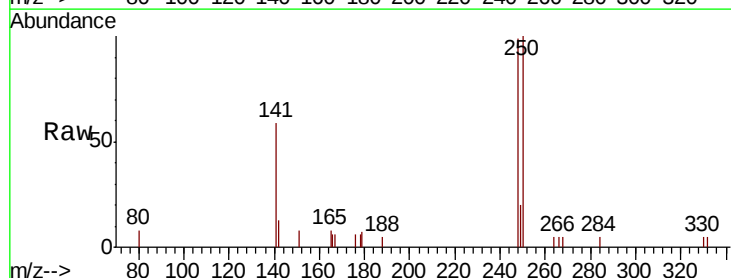
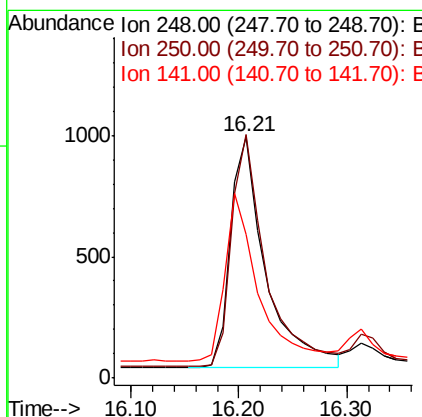
RT: 16.21 min Scan# 1502

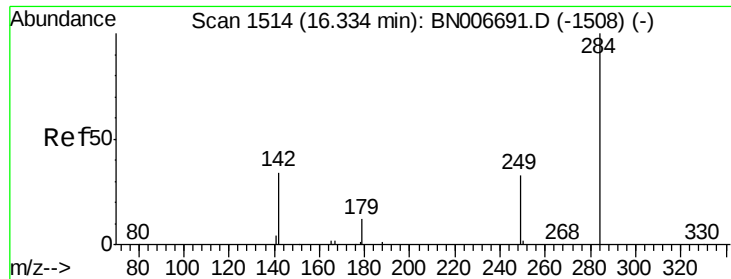
Delta R.T. -0.01 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Tgt Ion:	248	Resp:	2153
Ion Ratio	Lower	Upper	
248	100		
250	100.8	79.0	118.6
141	59.4	50.2	75.4





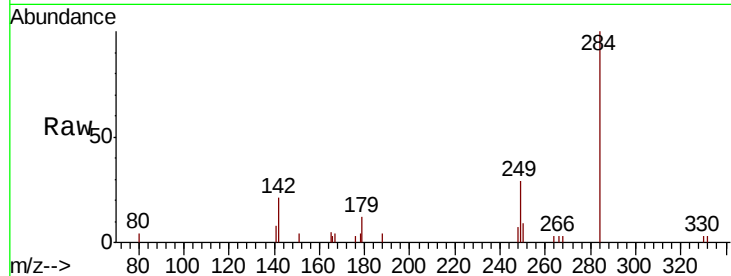
#21
Hexachlorobenzene
Concen: 0.357 ng
RT: 16.32 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

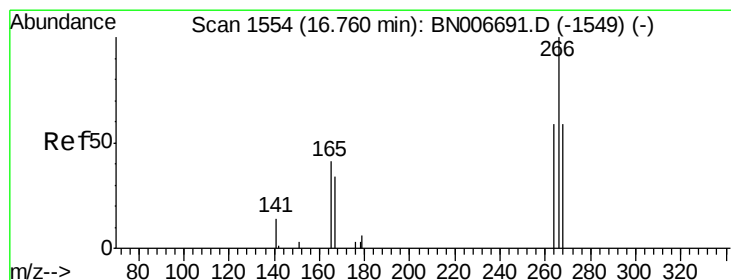
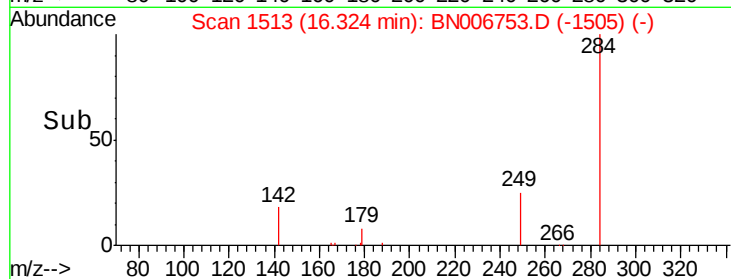
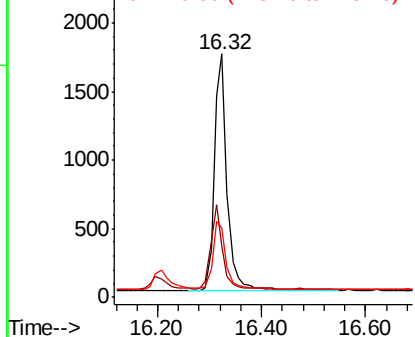
Tot Ion	Ratio	Lower	Upper
284	100		
142	32.6	26.9	40.3
249	30.1	24.4	36.6

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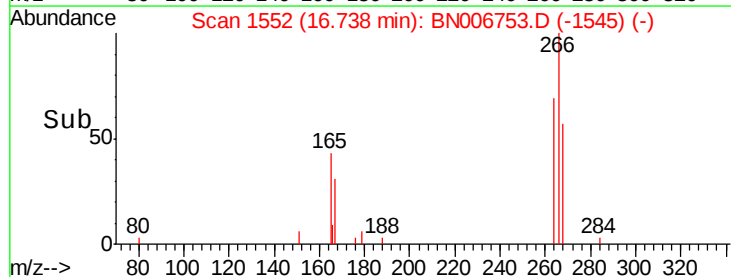
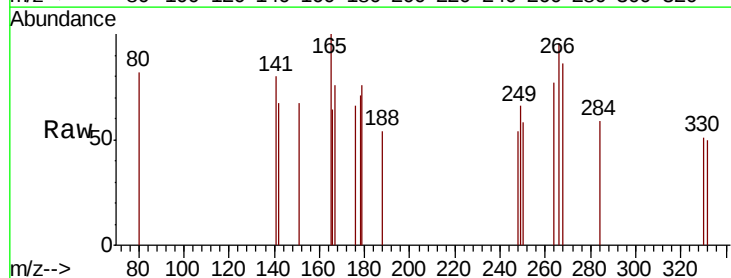
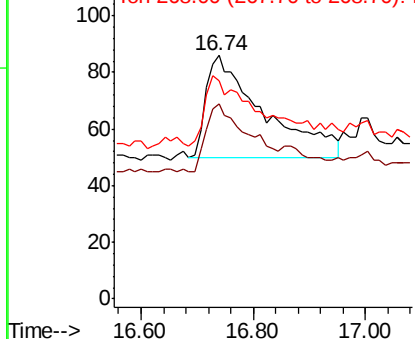
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

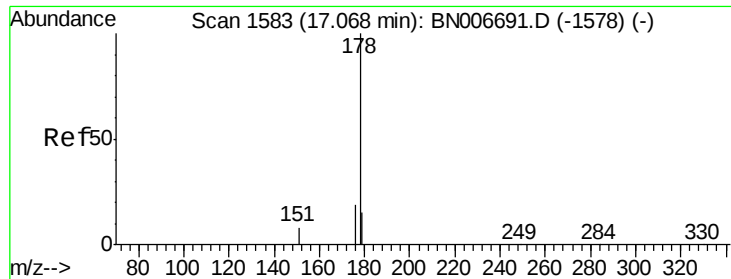


#22
Pentachlorophenol
Concen: 0.337 ng
RT: 16.74 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
266	100		
264	80.2	57.6	86.4
268	89.5	66.6	99.8

Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.328 ng

RT: 17.06 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

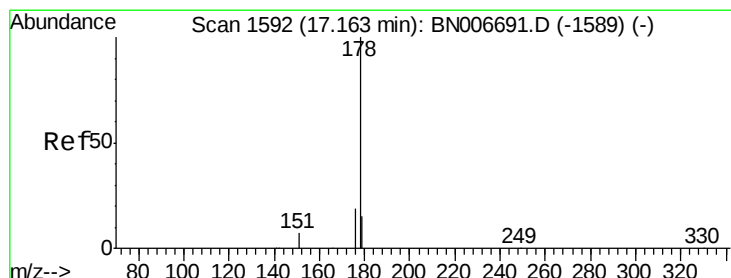
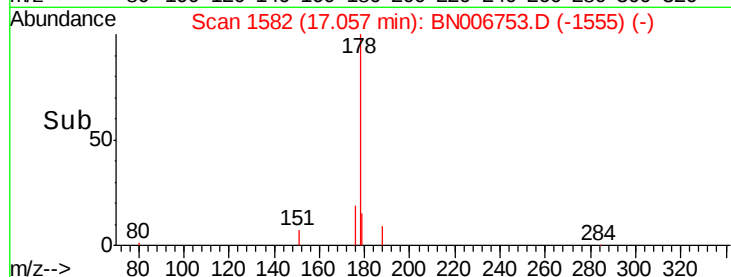
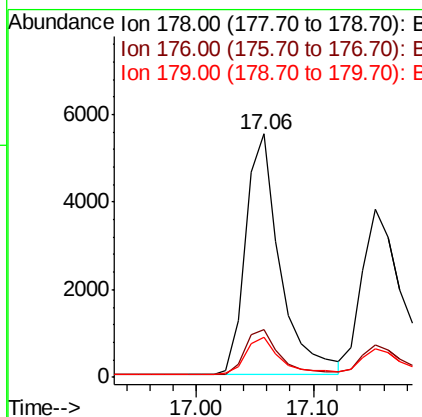
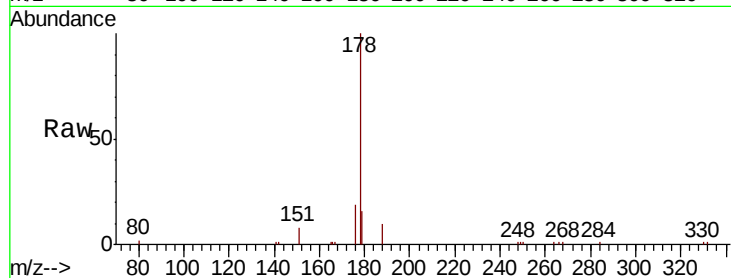
ClientSampleId :

PB121176BS

Tot Ion:178	Resp:	11263
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.3 22.9
179	15.9	12.4 18.6

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#24

Anthracene

Concen: 0.301 ng

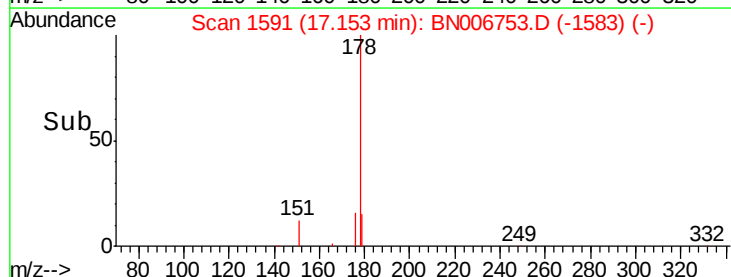
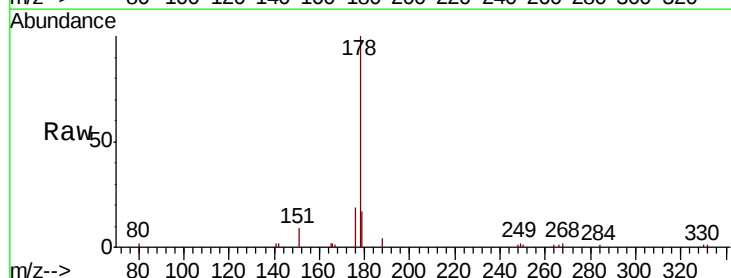
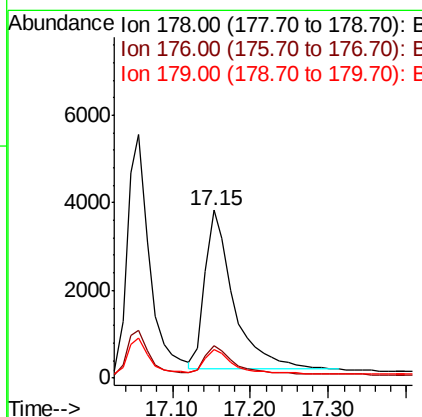
RT: 17.15 min Scan# 1591

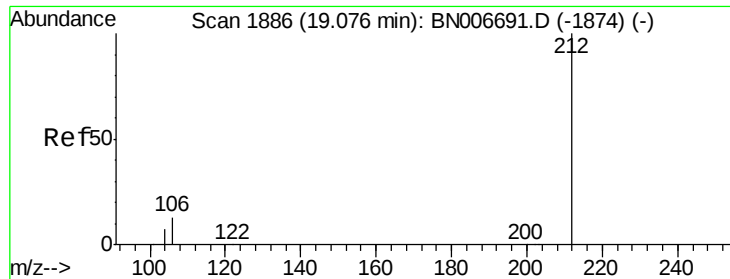
Delta R.T. -0.01 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Tgt Ion:178	Resp:	9342
Ion Ratio	Lower	Upper
178	100	
176	18.5	14.8 22.2
179	15.8	11.9 17.9





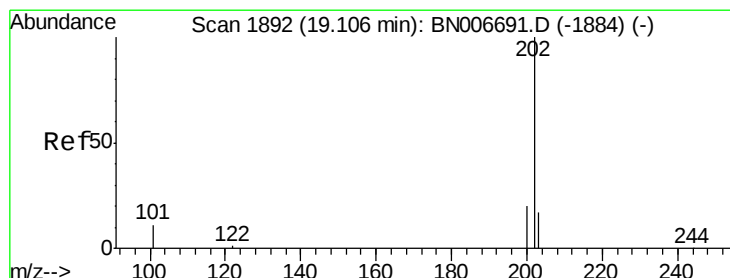
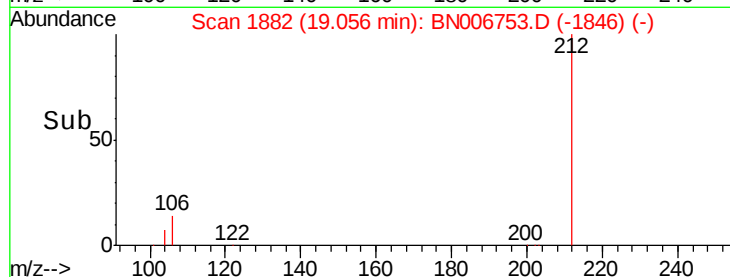
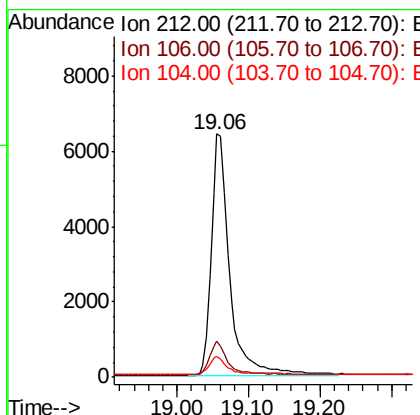
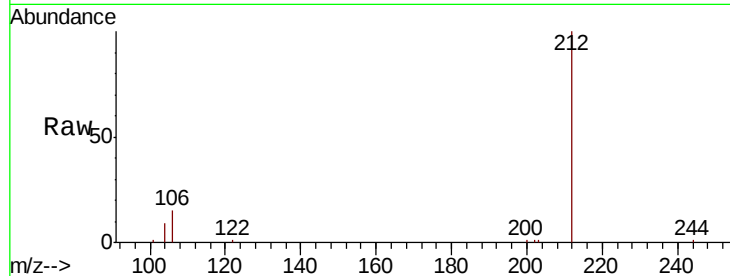
#25
Fluoranthene-d10
Concen: 0.337 ng
RT: 19.06 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tot Ion	Ratio	Lower	Upper
212	100		
106	13.5	11.0	16.6
104	7.1	6.1	9.1

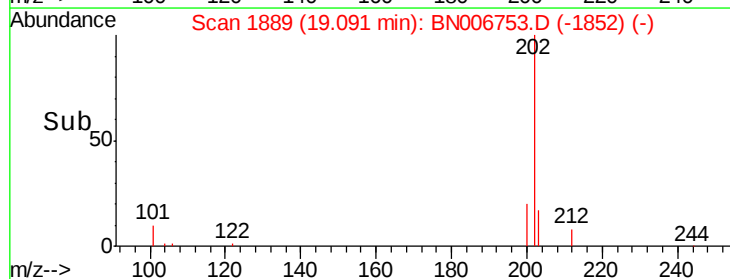
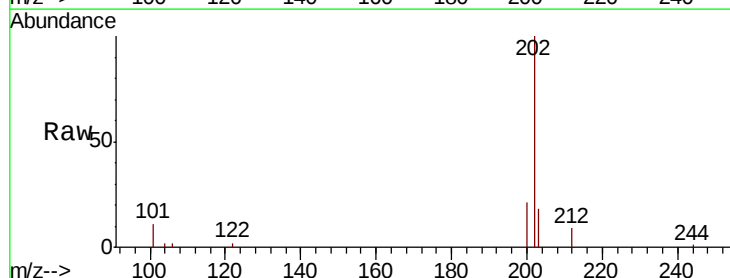
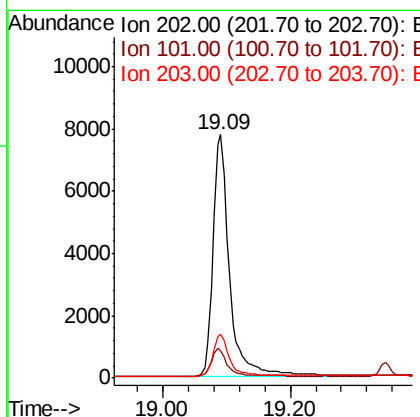
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#26
Fluoranthene
Concen: 0.346 ng
RT: 19.09 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.7	13.1
203	17.0	13.8	20.6





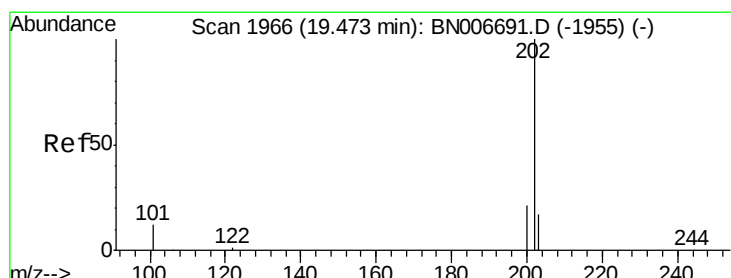
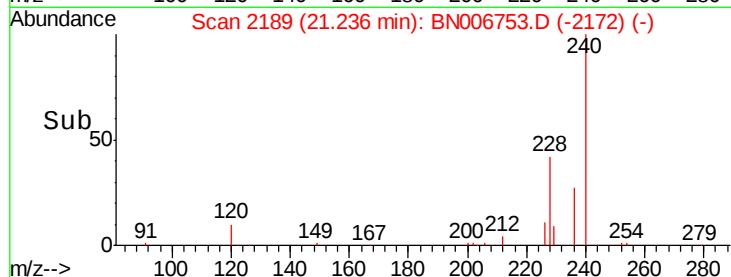
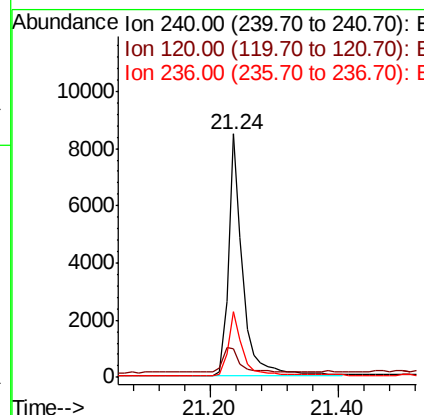
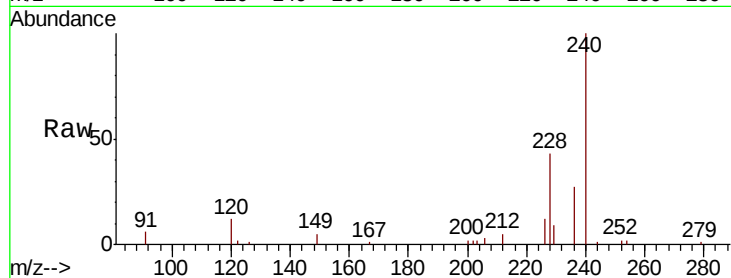
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	12.9	19.3#
236	27.1	23.2	34.8

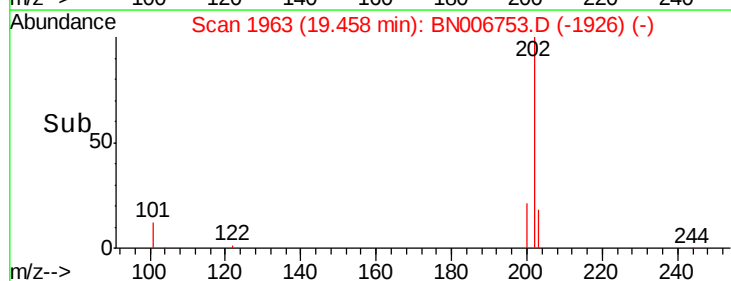
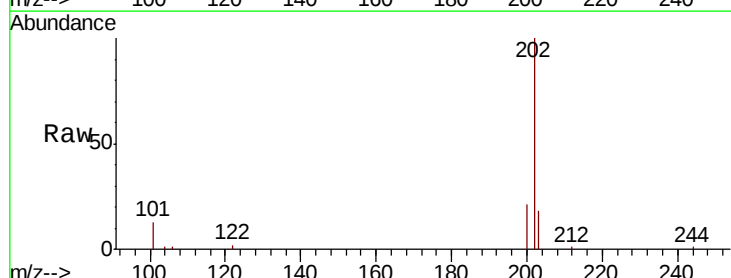
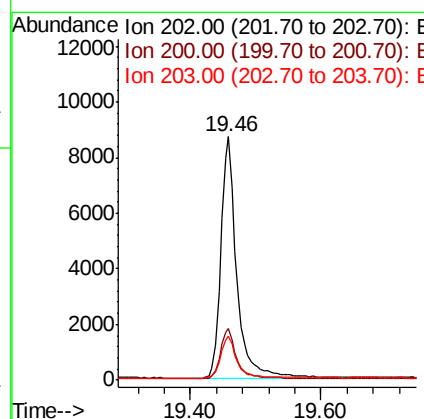
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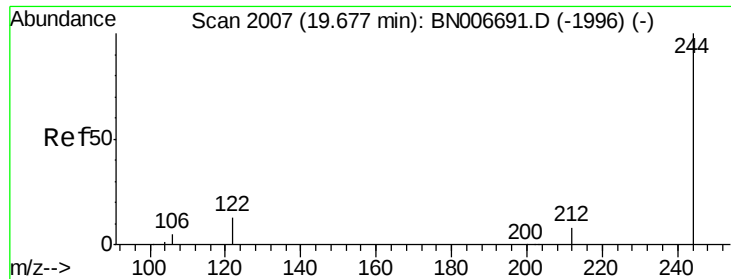
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#28
Pyrene
Concen: 0.282 ng
RT: 19.46 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.9	14.2	21.2





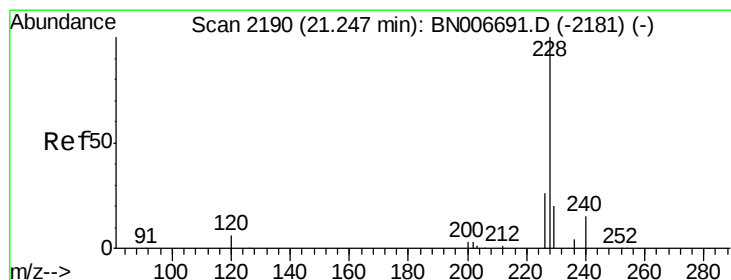
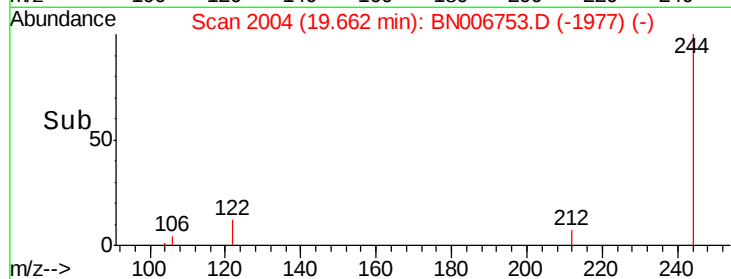
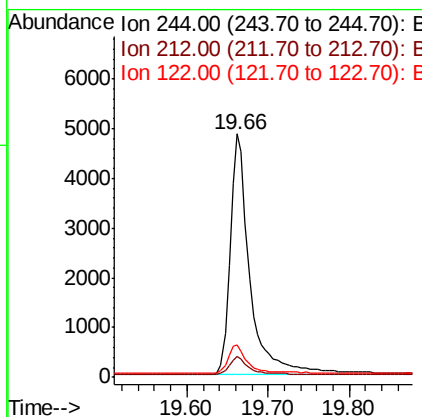
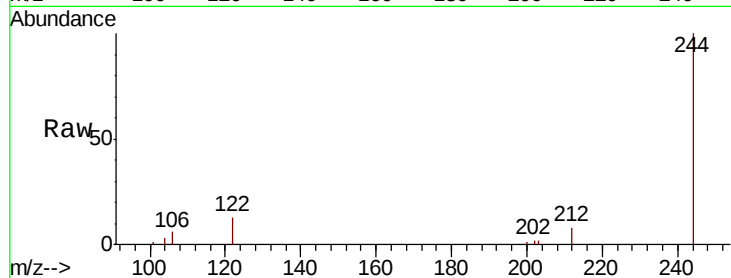
#29
 Terphenyl-d14
 Concen: 0.274 ng
 RT: 19.66 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BN006753.D
 Acq: 08 Jul 2019 12:02

Instrument :
 BNA_N
 ClientSampleId :
 PB121176BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	13.4	11.5	17.3

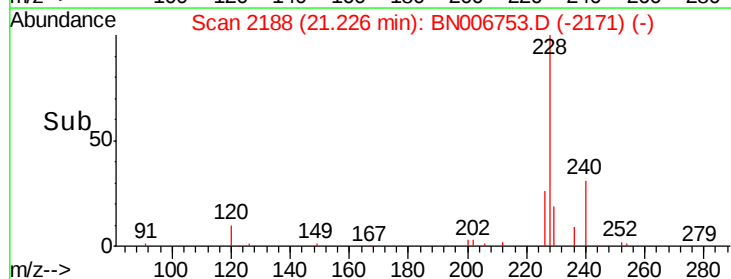
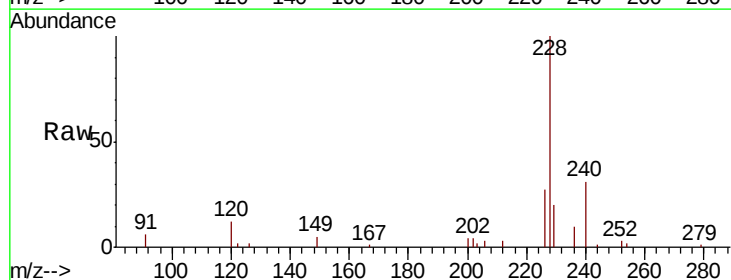
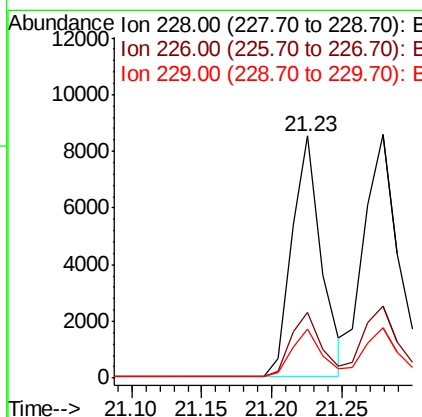
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#30
 Benzo(a)anthracene
 Concen: 0.277 ng
 RT: 21.23 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BN006753.D
 Acq: 08 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	20.1	16.2	24.4





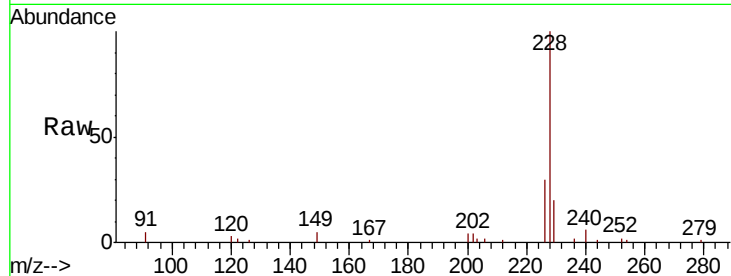
#31
Chrysene
Concen: 0.316 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		14603		
226	29.7		24.2	36.2	
229	20.5		15.8	23.6	

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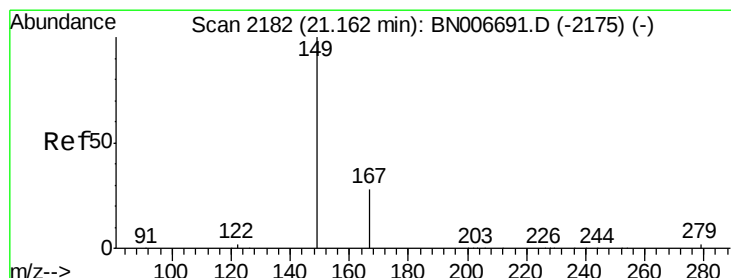
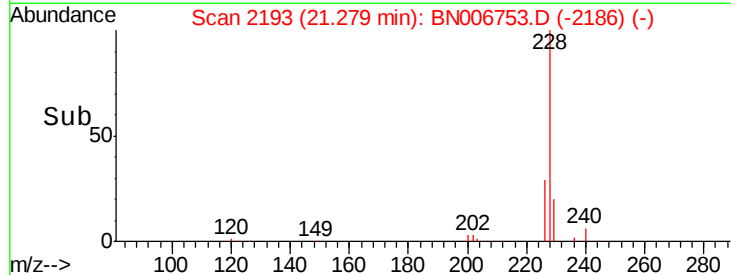
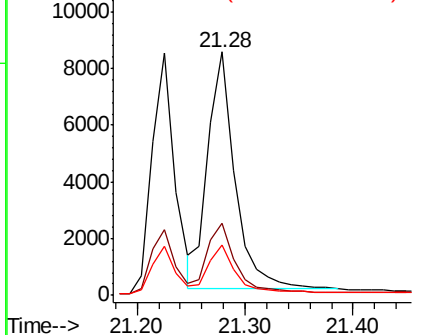


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.042 ng
RT: 21.14 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

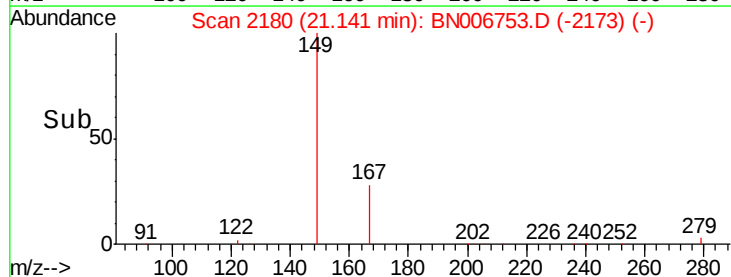
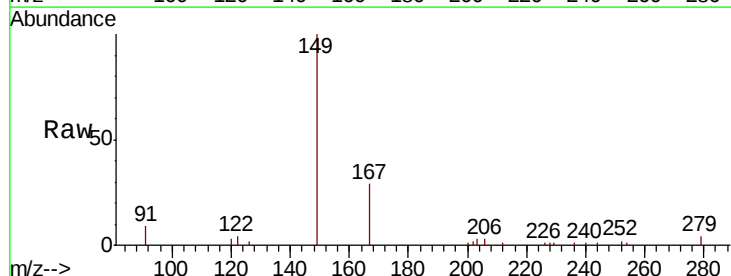
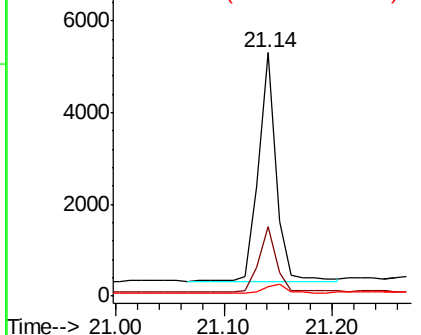
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		5671		
167	27.3		22.9	34.3	
279	4.2		3.2	4.8	

Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





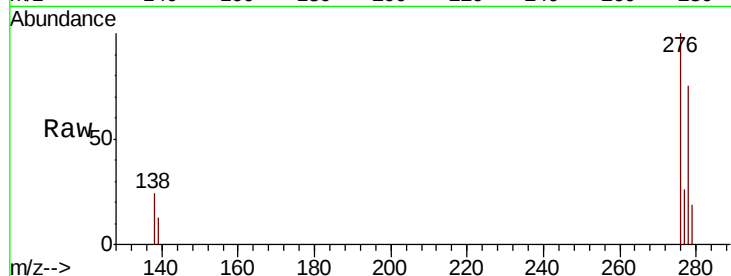
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng
RT: 25.70 min Scan# 3261
Delta R.T. -0.05 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	19.5	29.3
277	24.7	19.7	29.5

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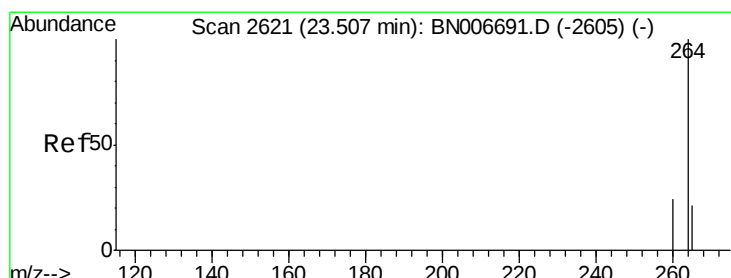
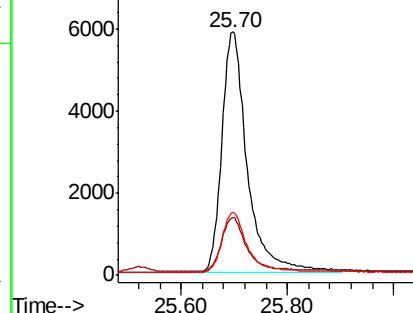
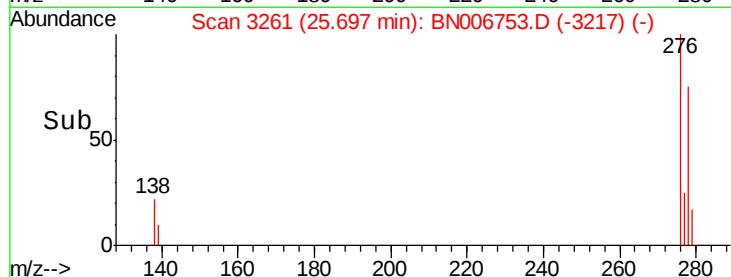


Abundance

Ion 276.00 (275.70 to 276.70): E

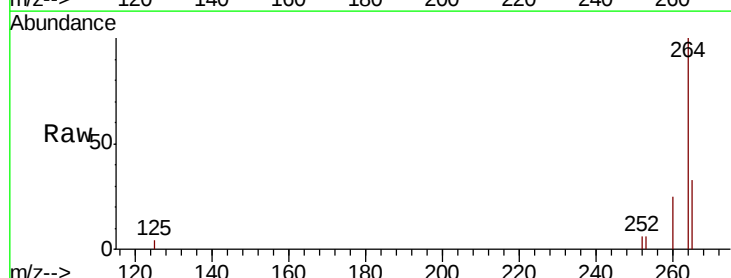
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2610
Delta R.T. -0.04 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.2
265	33.0	33.7	50.5#

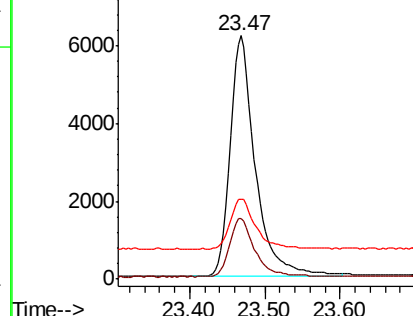
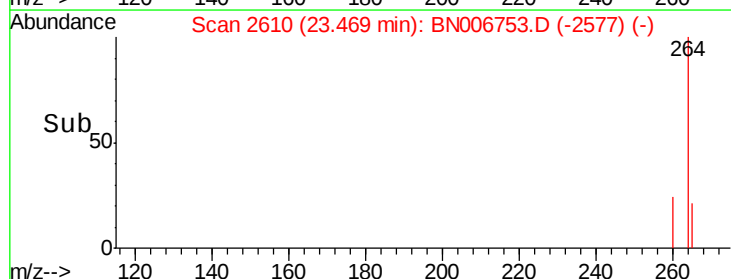


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





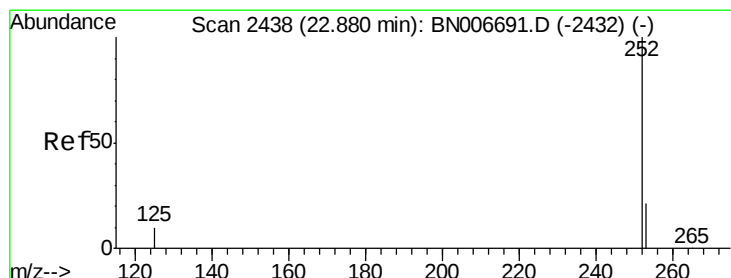
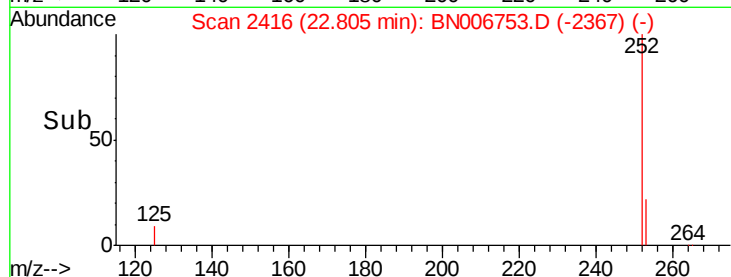
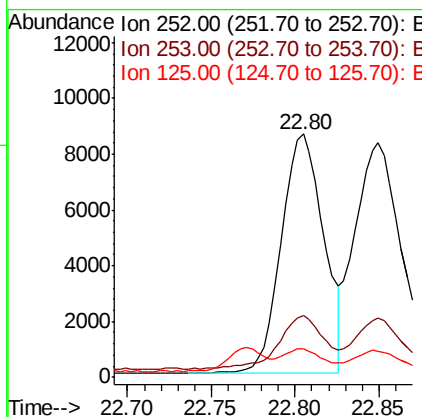
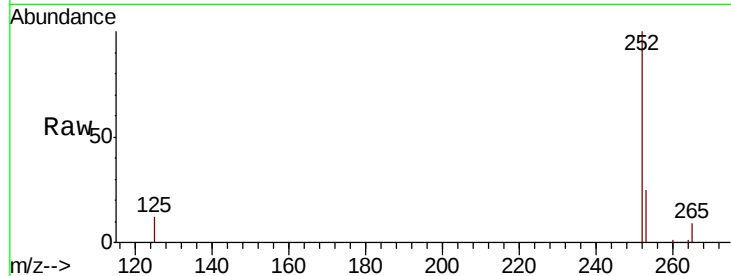
#35
Benzo(b)fluoranthene
Concen: 0.329 ng
RT: 22.80 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.2	30.2
125	11.7	11.5	17.3

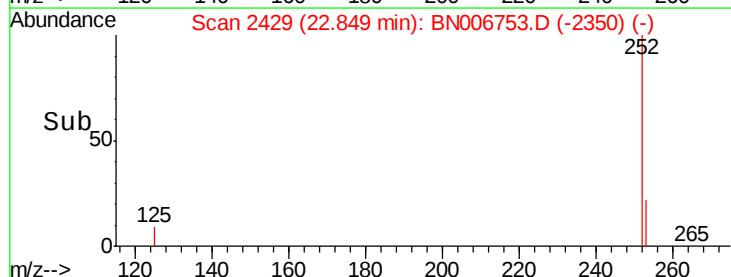
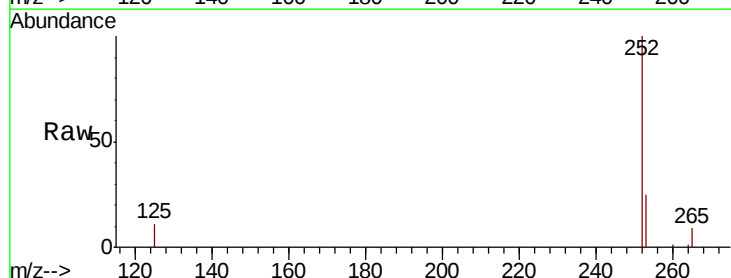
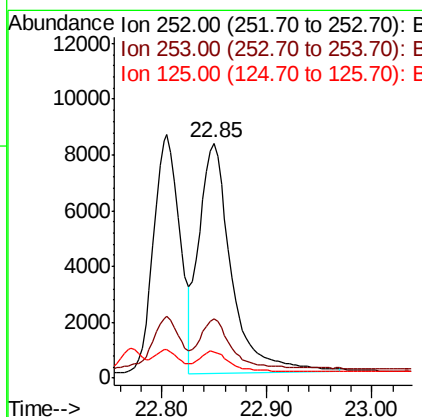
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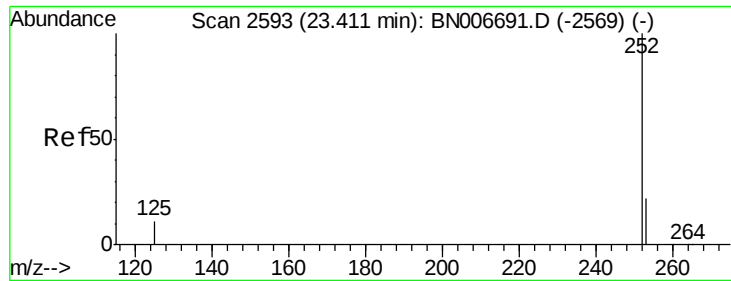
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#36
Benzo(k)fluoranthene
Concen: 0.353 ng m
RT: 22.85 min Scan# 2429
Delta R.T. -0.03 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.1	30.1
125	11.3	11.4	17.0





#37

Benzo(a)pyrene

Concen: 0.345 ng

RT: 23.38 min Scan# 2583

Delta R.T. -0.03 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

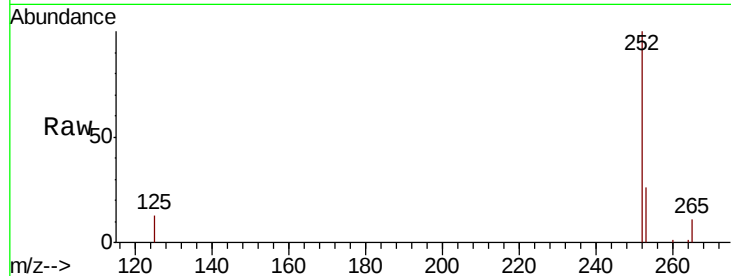
ClientSampleId :

PB121176BS

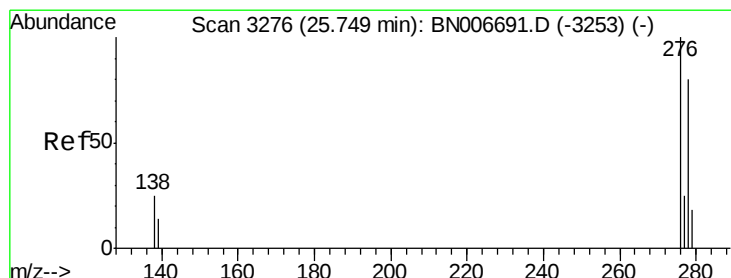
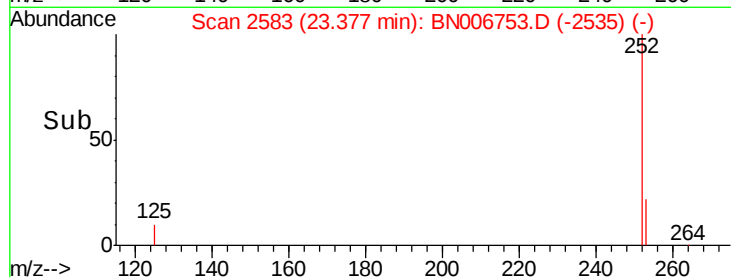
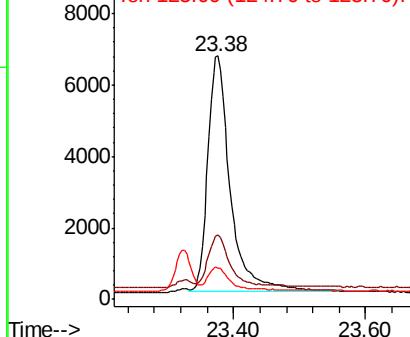
Tot Ion:	252	Resp:	15250
Ion Ratio	Lower	Upper	
252	100		
253	26.3	21.4	32.2
125	13.0	13.3	19.9#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.360 ng

RT: 25.70 min Scan# 3261

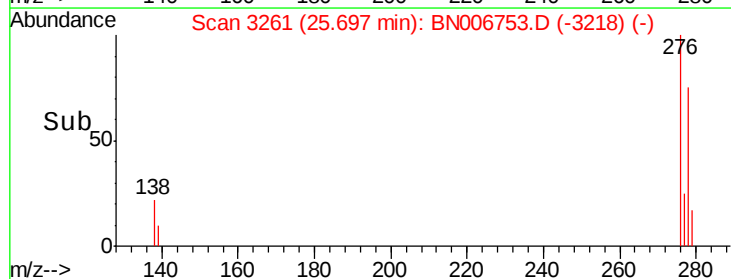
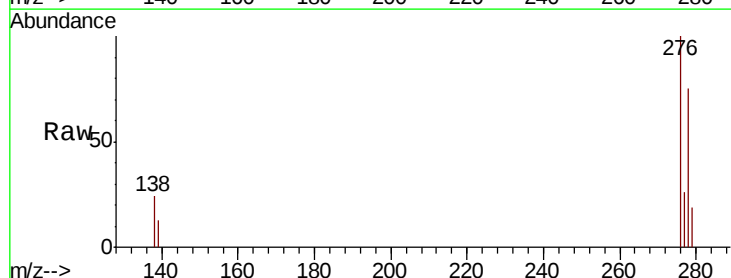
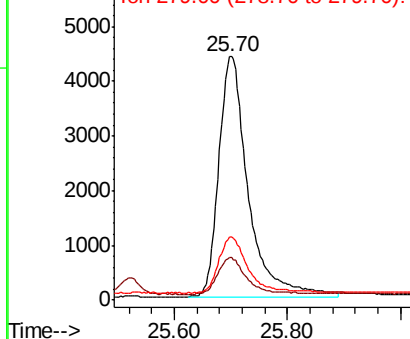
Delta R.T. -0.05 min

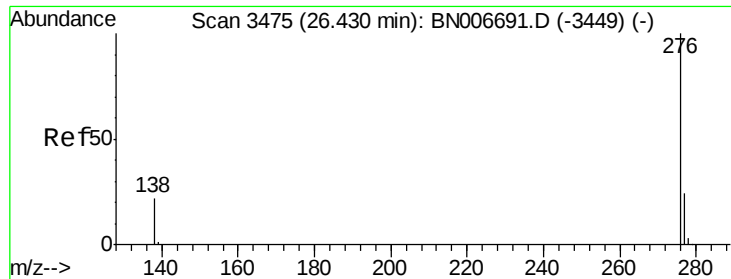
Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Tgt Ion:	278	Resp:	15821
Ion Ratio	Lower	Upper	
278	100		
139	17.7	16.2	24.4
279	25.7	20.7	31.1

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.381 ng

RT: 26.38 min Scan# 3460

Delta R.T. -0.05 min

Lab File: BN006753.D

Acq: 08 Jul 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB121176BS

Tot Ion:	276	Resp:	17221
Ion Ratio	Lower	Upper	
276	100		
277	24.8	20.6	30.8
138	21.4	19.7	29.5

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