

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
 Data File : BN006697.D
 Acq On : 02 Jul 2019 18:18
 Operator : HP/JU
 Sample : PB120849BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB120849BS

Manual Integrations
 APPROVED

mohammad
 7/5/2019 8:42:25 AM

Quant Time: Jul 05 05:57:08 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	7.62	152	4588	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	17617	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	13628	0.40	ng	0.00
19) Phenanthrene-d10	17.03	188	40279	0.40	ng	0.00
27) Chrysene-d12	21.25	240	40383	0.40	ng	-0.01
34) Perylene-d12	23.48	264	41251	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.24	112	4529	0.36	ng	0.00
5) Phenol-d6	6.82	99	5971	0.38	ng	0.00
8) Nitrobenzene-d5	8.79	82	4961	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	10623	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	3531	0.53	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	16671	0.31	ng	0.00
25) Fluoranthene-d10	19.07	212	45970	0.40	ng	0.00
29) Terphenyl-d14	19.67	244	31496	0.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	2684	0.374	ng	93
3) n-Nitrosodimethylamine	3.50	42	1962	0.363	ng	95
6) bis(2-Chloroethyl)ether	7.06	93	5586	0.419	ng	87
9) Naphthalene	10.44	128	19423	0.403	ng	100
10) Hexachlorobutadiene	10.72	225	3960	0.406	ng	# 99
12) 2-Methylnaphthalene	12.07	142	12467	0.364	ng	99
16) Acenaphthylene	13.99	152	26832	0.395	ng	100
17) Acenaphthene	14.32	154	18262	0.422	ng	99
18) Fluorene	15.32	166	28191	0.524	ng	100
20) 4-Bromophenyl-phenylether	16.22	248	9504	0.400	ng	94
21) Hexachlorobenzene	16.33	284	11399	0.404	ng	99
22) Pentachlorophenol	16.71	266	10774m	2.301	ng	
23) Phenanthrene	17.07	178	48073	0.414	ng	100
24) Anthracene	17.16	178	43188	0.412	ng	99
26) Fluoranthene	19.10	202	57966	0.425	ng	100
28) Pyrene	19.47	202	59502	0.368	ng	100
30) Benzo(a)anthracene	21.24	228	51178	0.367	ng	99
31) Chrysene	21.29	228	56109	0.391	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	39069	0.094	ng	99
33) Indeno(1,2,3-cd)pyrene	25.72	276	67594	0.394	ng	99
35) Benzo(b)fluoranthene	22.82	252	57017	0.431	ng	# 94
36) Benzo(k)fluoranthene	22.86	252	58148	0.405	ng	# 94
37) Benzo(a)pyrene	23.39	252	54930	0.428	ng	# 92
38) Dibenzo(a,h)anthracene	25.72	278	54063	0.424	ng	96
39) Benzo(g,h,i)perylene	26.40	276	55980	0.427	ng	96

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

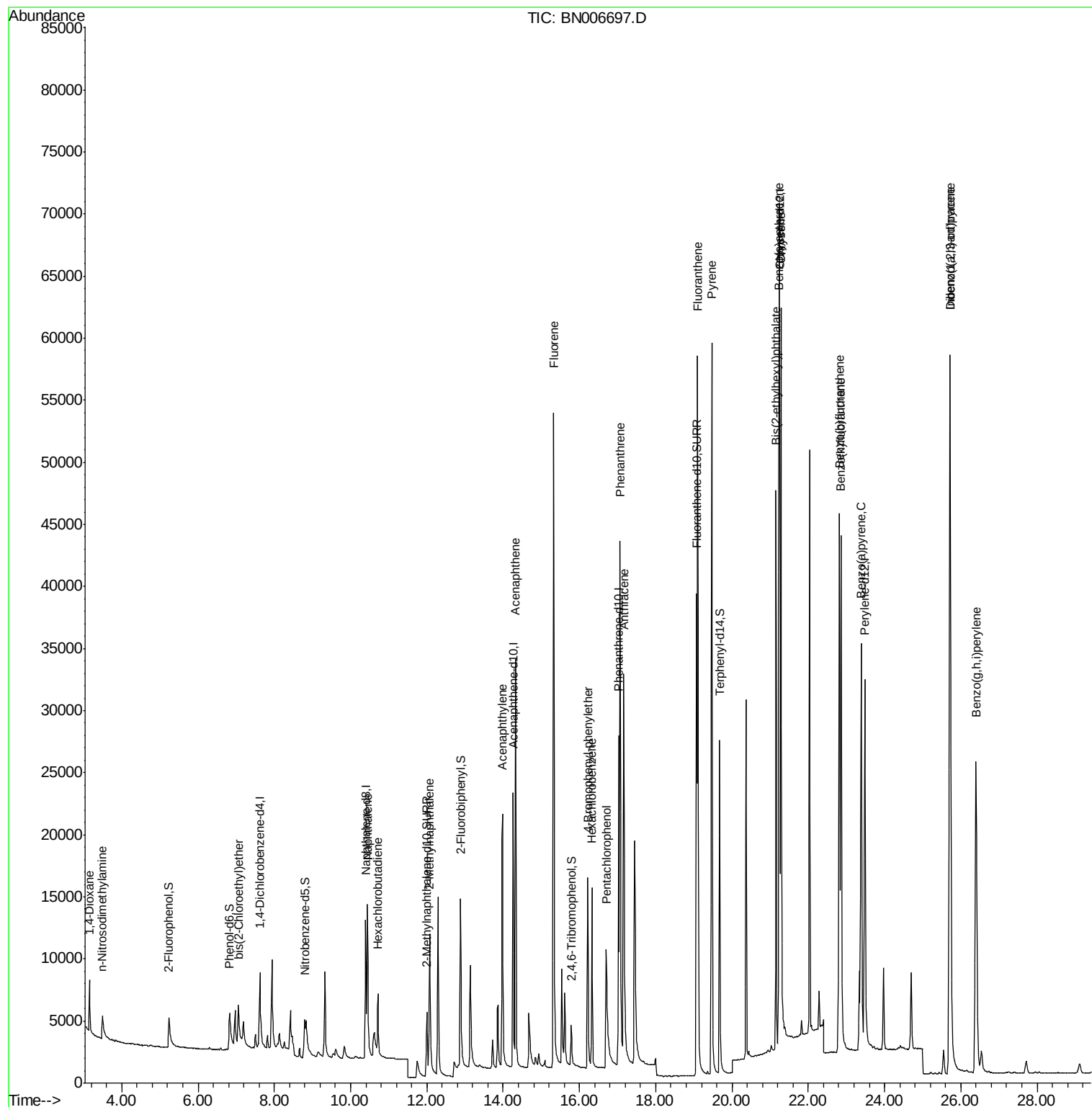
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
Data File : BN006697.D
Acq On : 02 Jul 2019 18:18
Operator : HP/JU
Sample : PB120849BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

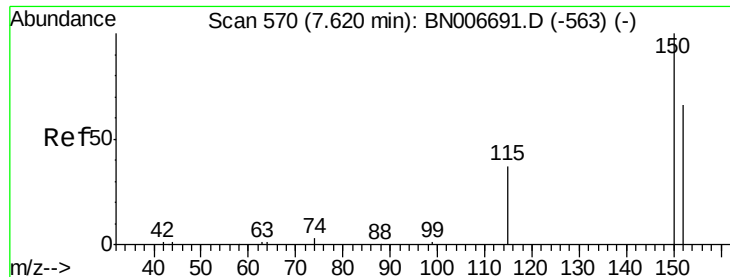
Instrument :
BNA_N
ClientSampleId :
PB120849BS

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7/5/2019 8:42:25 AM

Quant Time: Jul 05 05:57:08 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

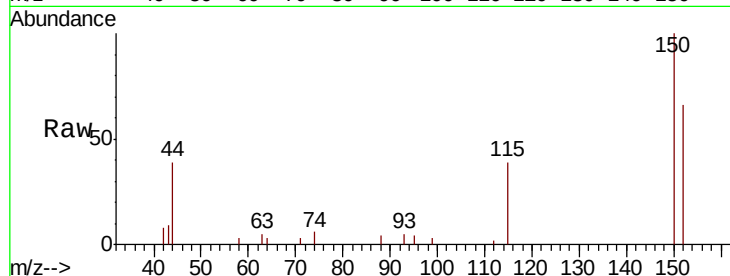
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. 0.00 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PB120849BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	120.6	181.0
115	59.4	51.0	76.6

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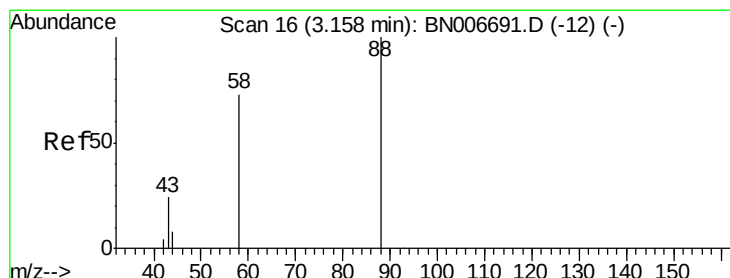
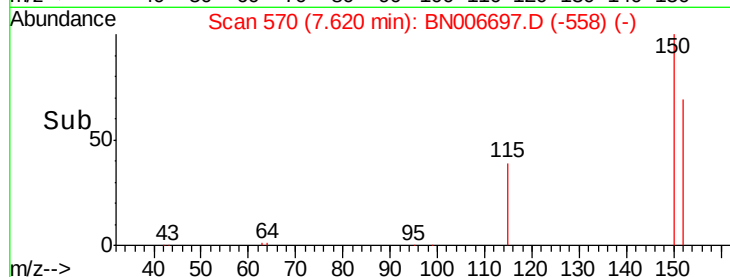
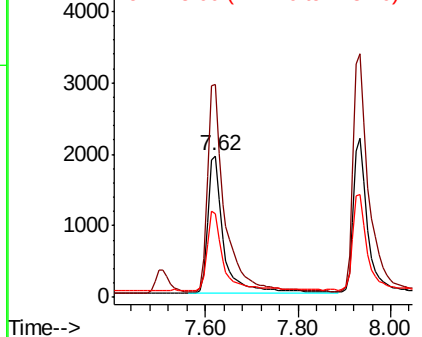


Abundance

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: 0.374 ng
RT: 3.16 min Scan# 16
Delta R.T. 0.00 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

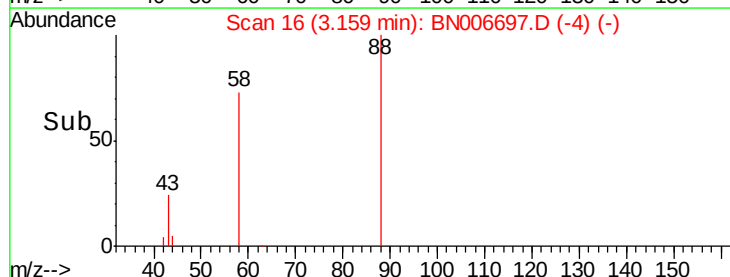
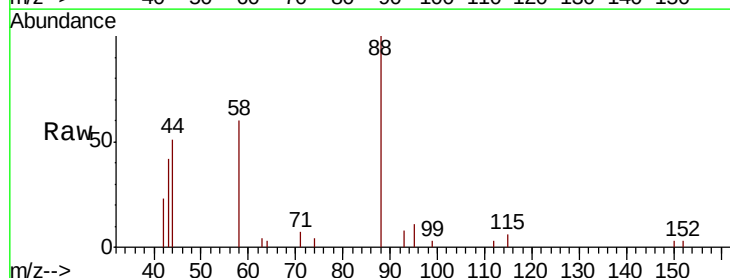
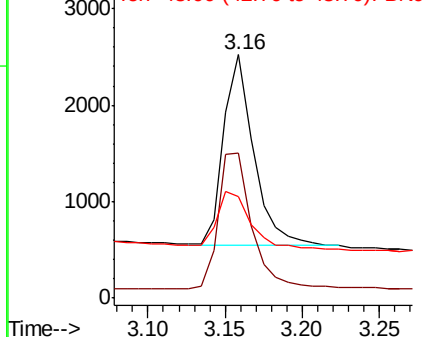
Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.0	61.1	91.7
43	34.6	32.4	48.6

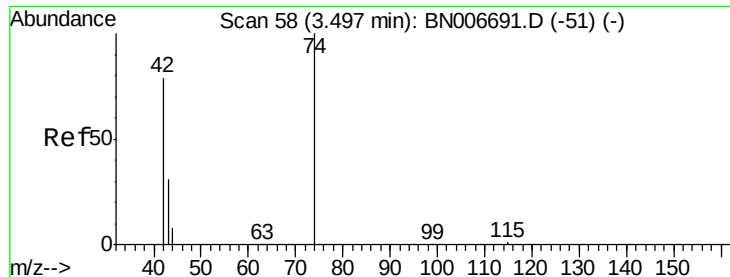
Abundance

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: 0.363 ng

RT: 3.50 min Scan# 58

Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

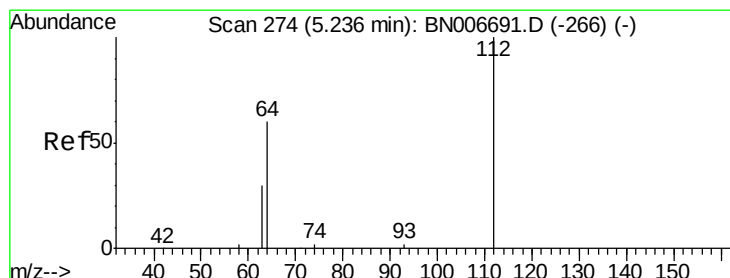
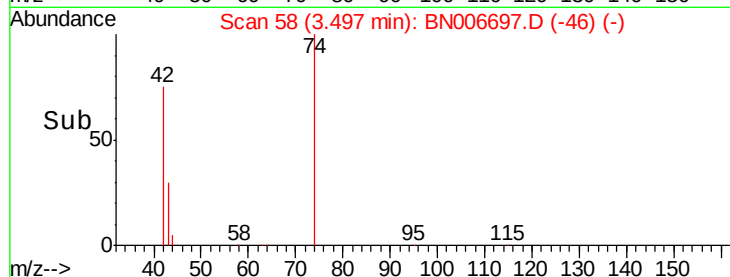
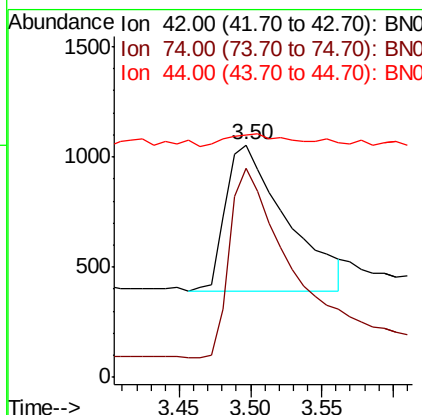
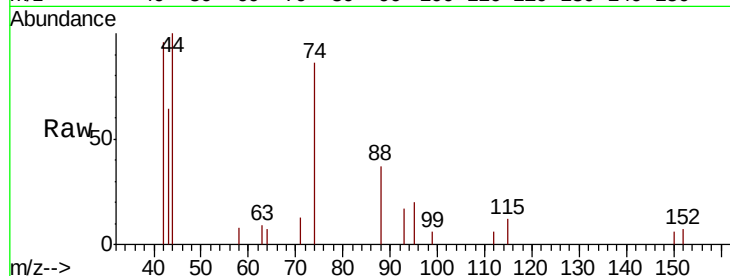
ClientSampleId :

PB120849BS

Tot Ion:	42	Resp:	1962
Ion	Ratio	Lower	Upper
42	100		
74	126.6	106.6	160.0
44	10.3	8.0	12.0

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#4

2-Fluorophenol

Concen: 0.364 ng

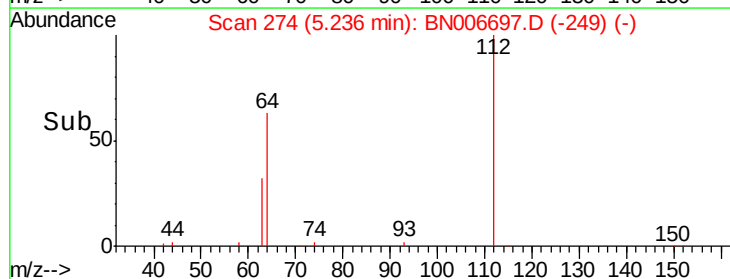
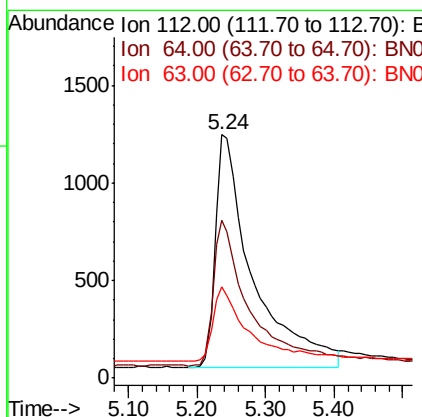
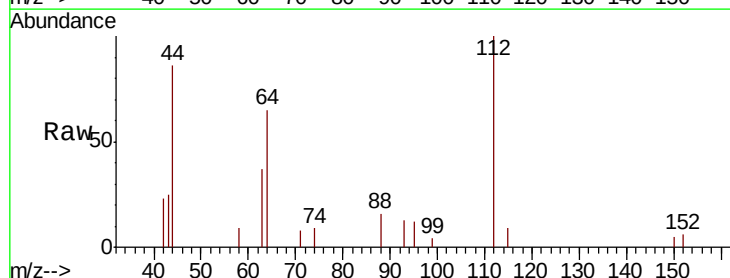
RT: 5.24 min Scan# 274

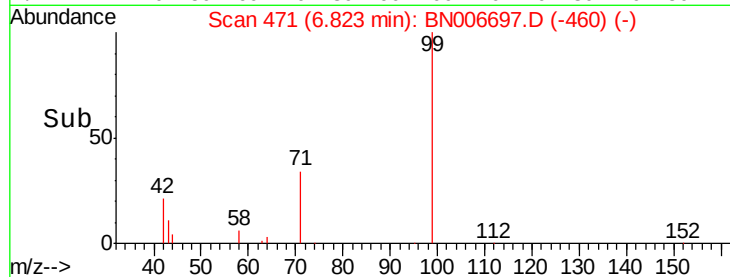
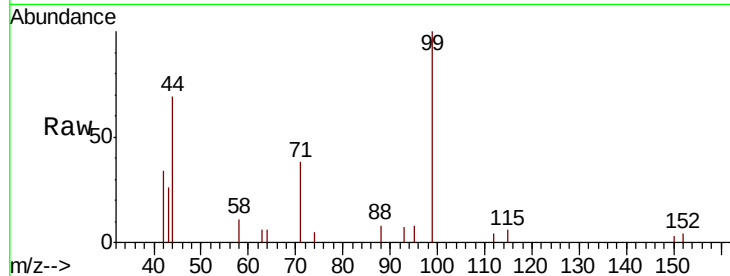
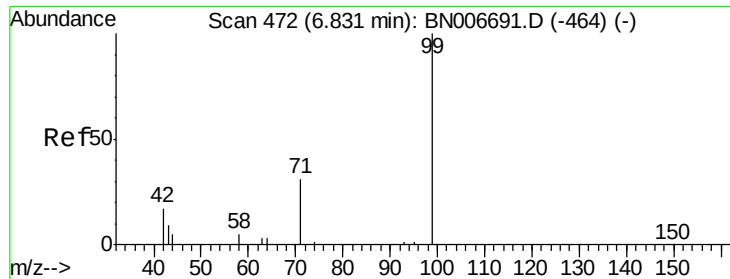
Delta R.T. 0.00 min

Lab File: BN006697.D

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Tgt Ion:	112	Resp:	4529
Ion	Ratio	Lower	Upper
112	100		
64	61.3	49.8	74.6
63	31.8	25.8	38.6





#5

Phenol-d6

Concen: 0.379 ng

RT: 6.82 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Tot Ion:	99	Resp:	5971
Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.6	25.0
71	32.8	26.0	39.0

Instrument :

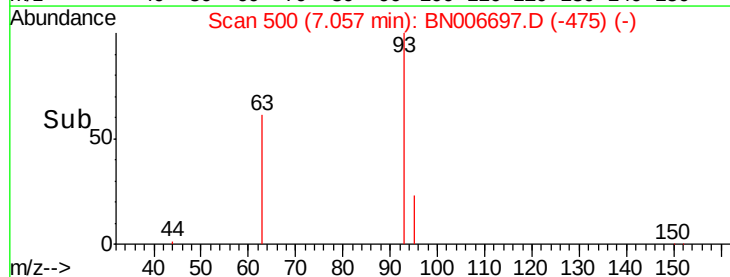
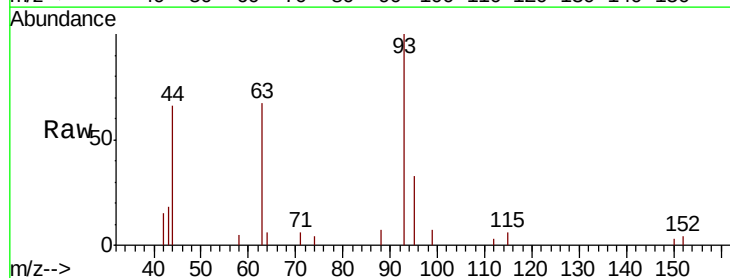
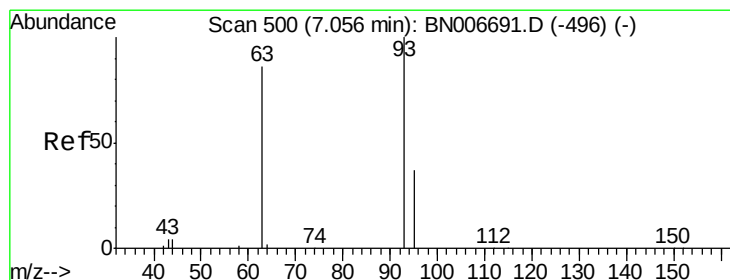
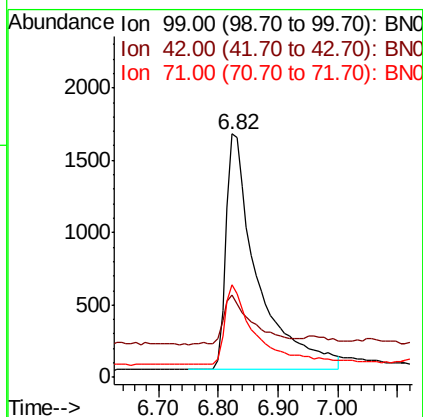
BNA_N

ClientSampleId :

PB120849BS

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#6

bis(2-Chloroethyl)ether

Concen: 0.419 ng

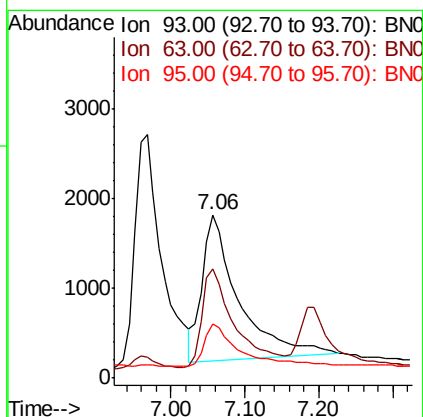
RT: 7.06 min Scan# 500

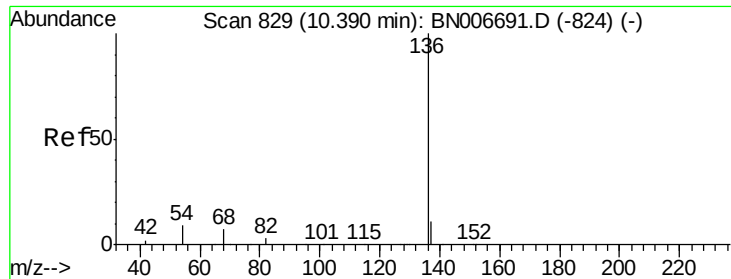
Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Tgt Ion:	93	Resp:	5586
Ion	Ratio	Lower	Upper
93	100		
63	61.3	58.6	87.8
95	29.2	28.3	42.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

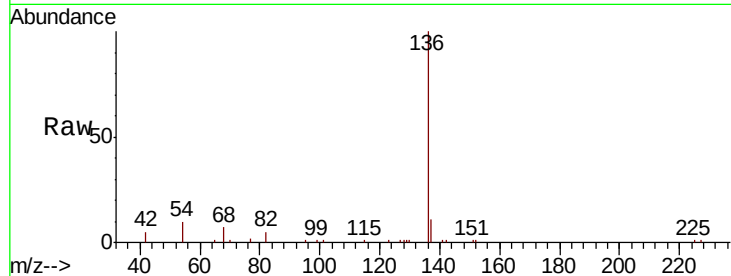
ClientSampleId :

PB120849BS

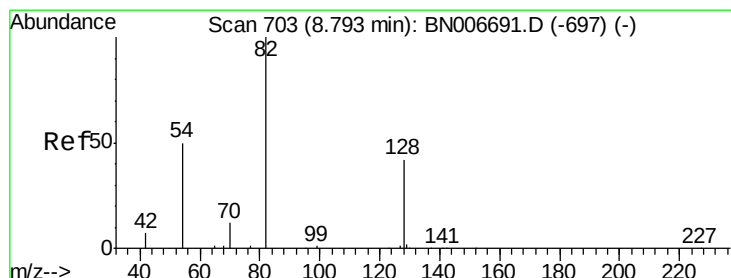
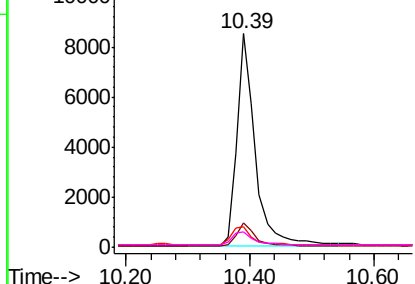
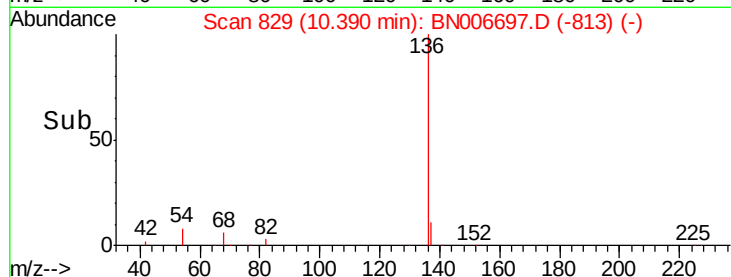
Tot Ion	136	Resp	17617
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.3	13.9
54	9.6	8.4	12.6
68	7.5	6.8	10.2

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.367 ng

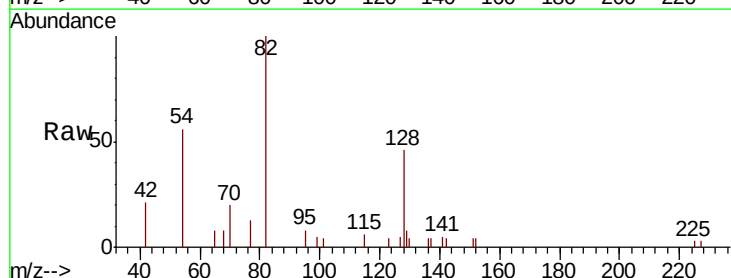
RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

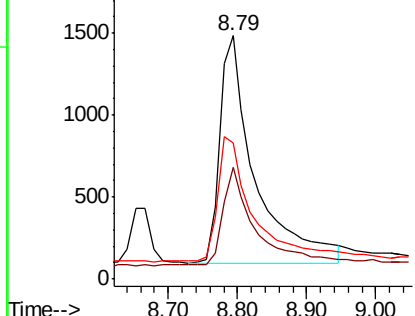
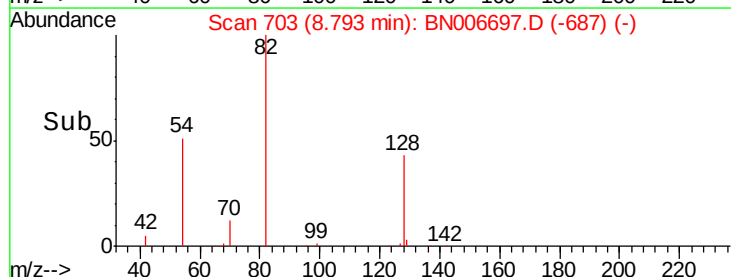
Lab File: BN006697.D

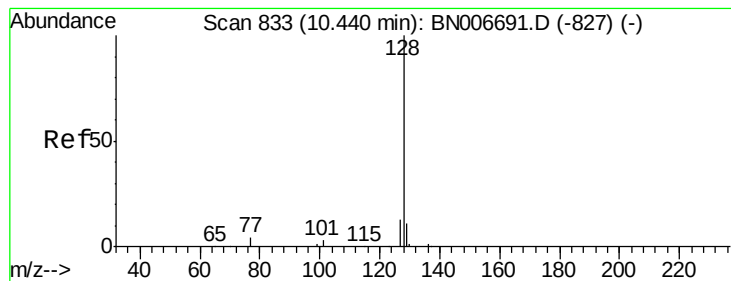
Acq: 02 Jul 2019 18:18

Tgt Ion	82	Resp	4961
Ion Ratio	Lower	Upper	
82	100		
128	45.7	36.1	54.1
54	55.8	44.5	66.7



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





#9

Naphthalene

Concen: 0.403 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

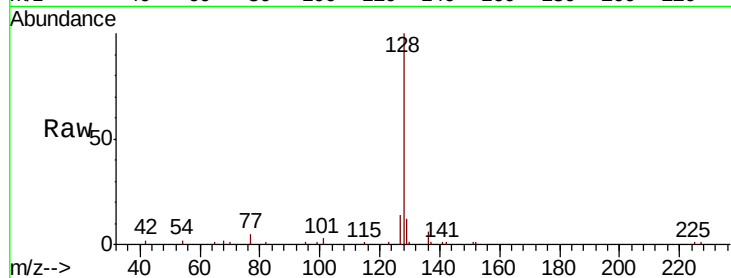
ClientSampleId :

PB120849BS

Tot Ion:	128	Resp:	19423
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.6	14.4
127	13.8	11.0	16.4

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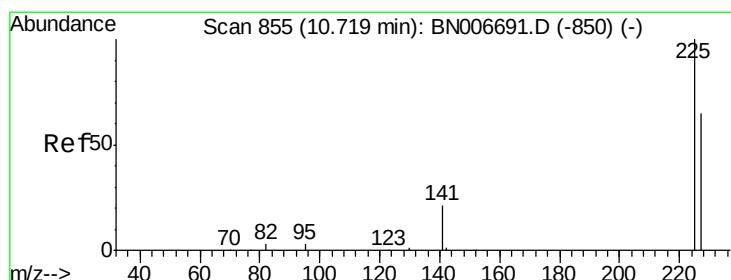
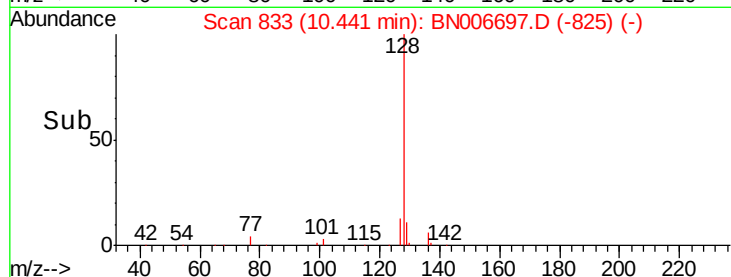
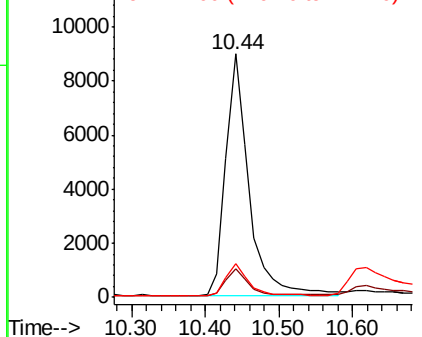


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.406 ng

RT: 10.72 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

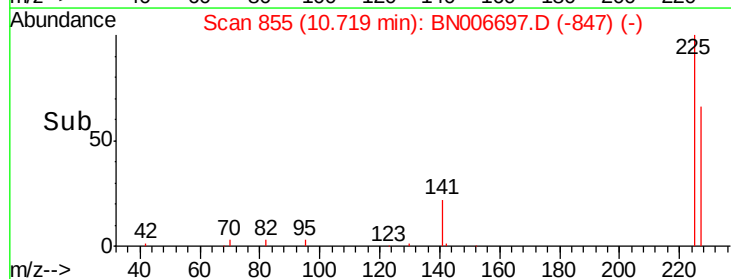
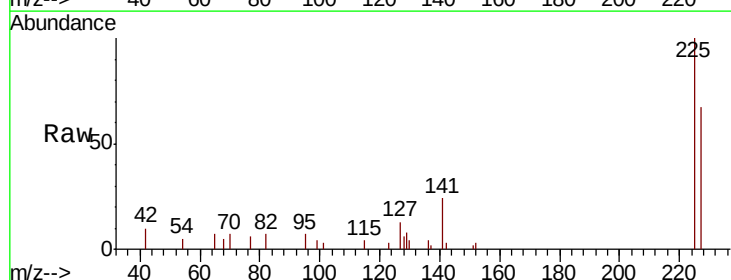
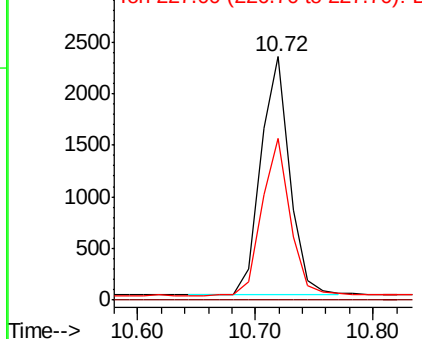
Tgt Ion:	225	Resp:	3960
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.3	50.9	76.3

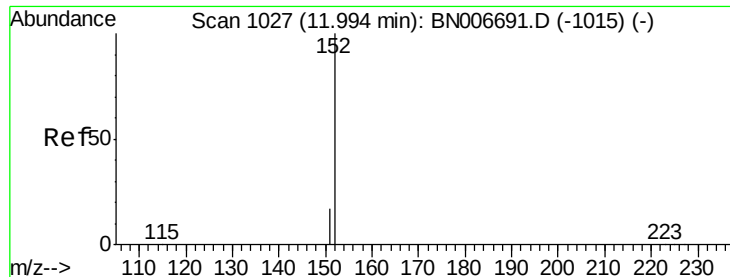
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





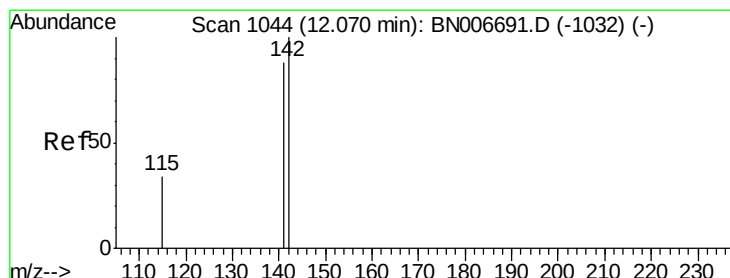
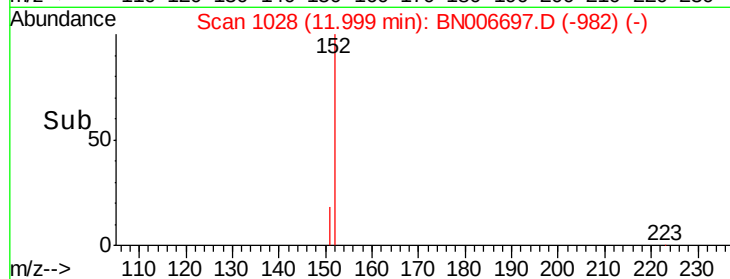
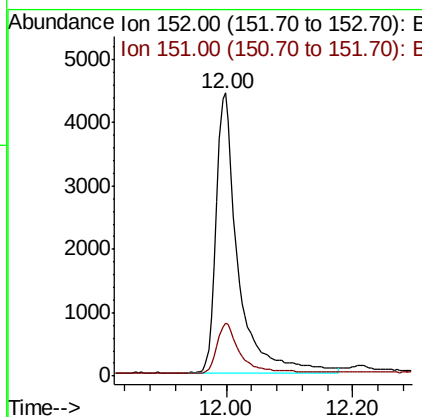
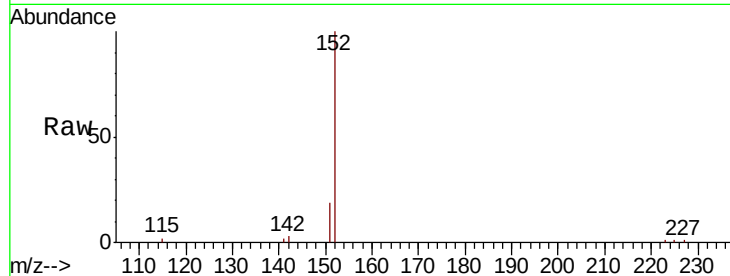
#11
 2-Methylnaphthalene-d10
 Concen: 0.401 ng
 RT: 12.00 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BN006697.D
 Acq: 02 Jul 2019 18:18

Instrument :
 BNA_N
 ClientSampleId :
 PB120849BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.1	14.9	22.3

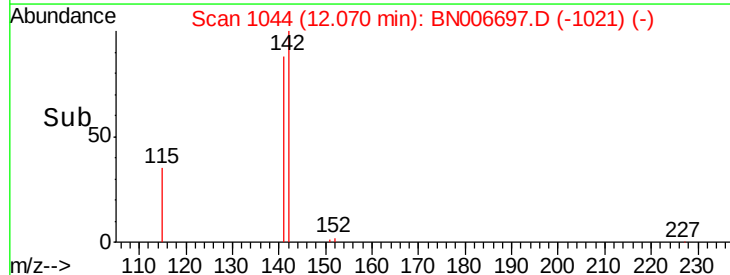
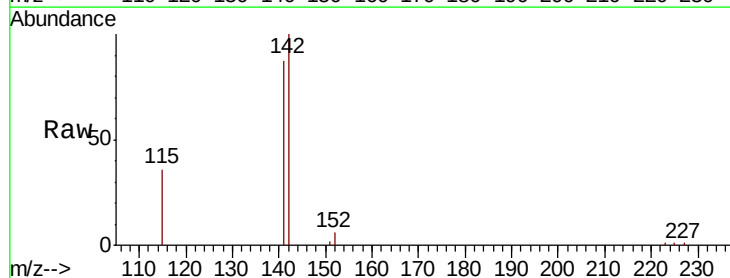
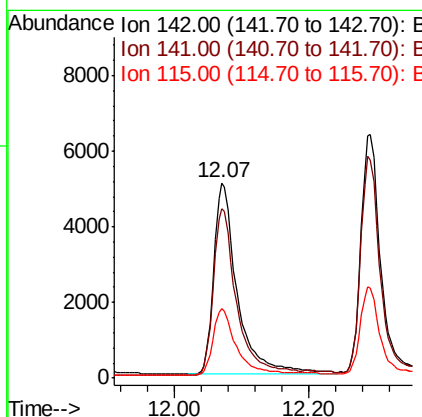
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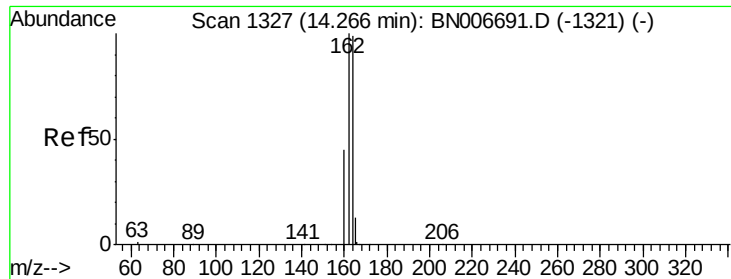
mohammad
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#12
 2-Methylnaphthalene
 Concen: 0.364 ng
 RT: 12.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BN006697.D
 Acq: 02 Jul 2019 18:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.3	105.5
115	35.9	28.9	43.3





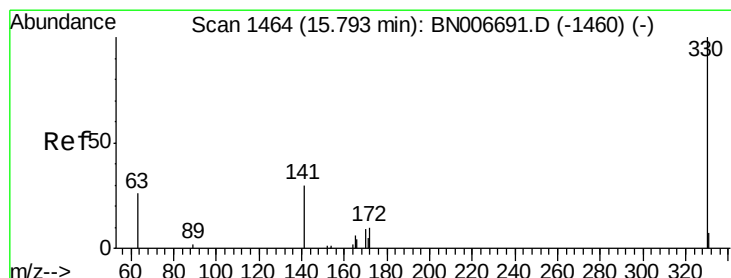
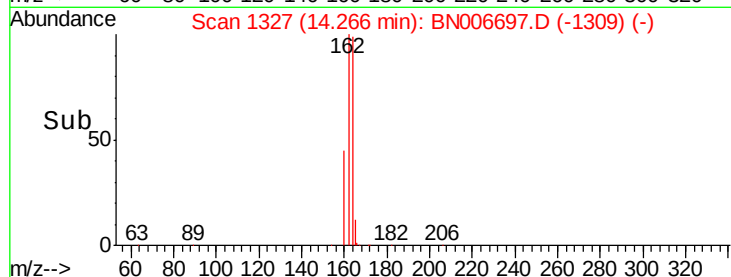
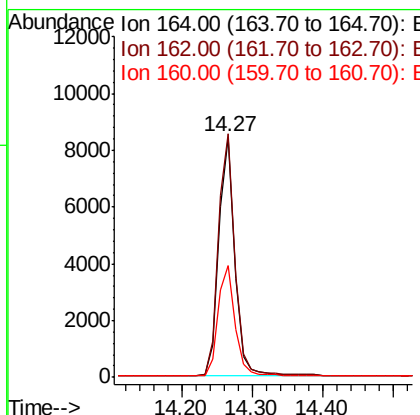
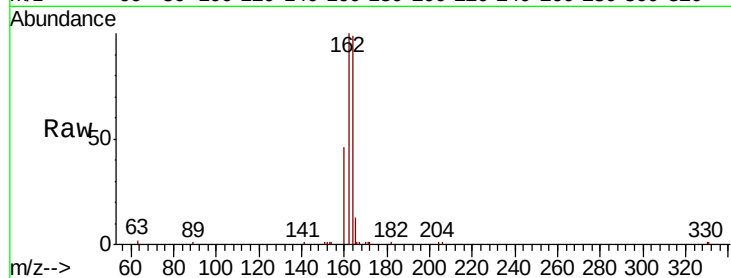
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PB120849BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.8	121.2
160	46.3	37.0	55.6

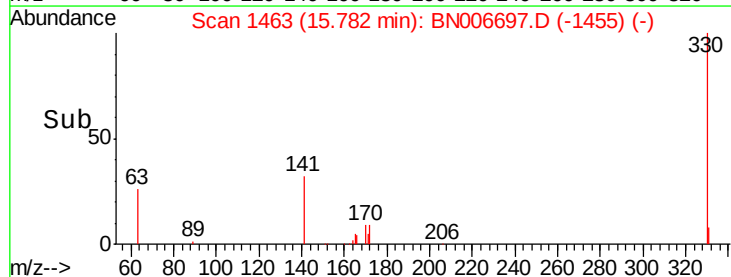
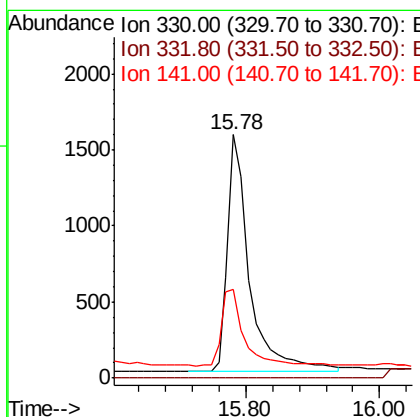
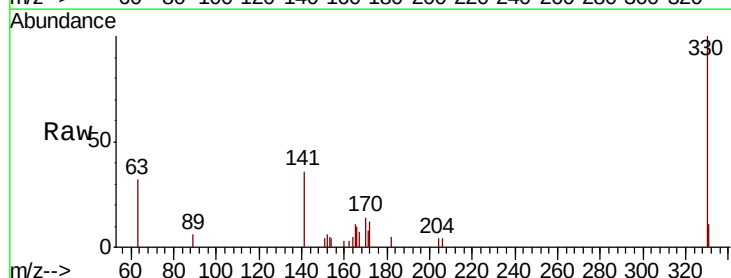
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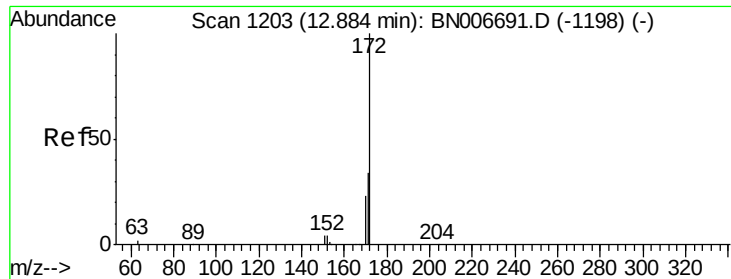
mohammad
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#14
2,4,6-Tribromophenol
Concen: 0.527 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.9	24.8	37.2





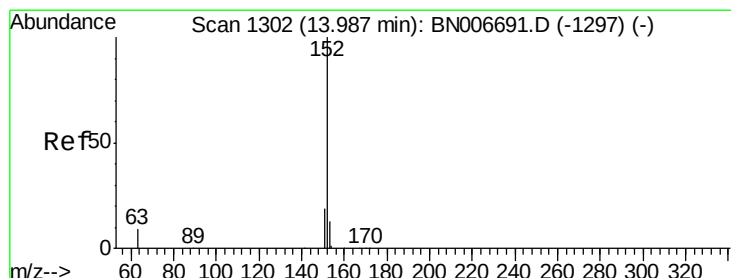
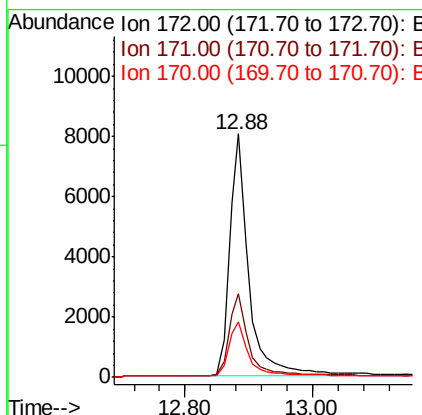
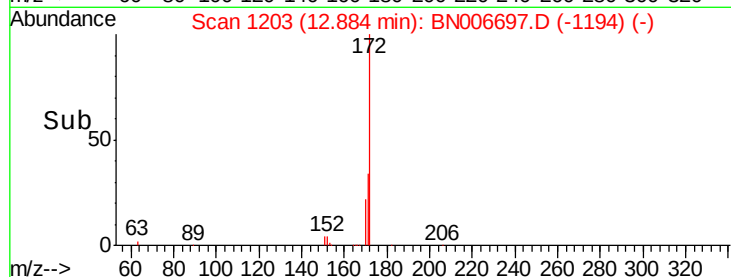
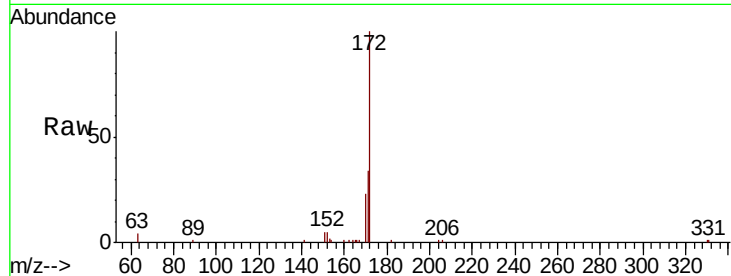
#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.88 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PB120849BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	22.8	18.9	28.3

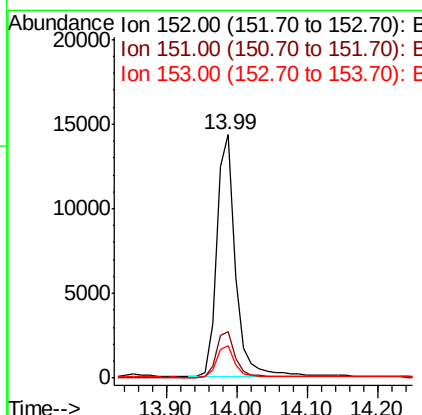
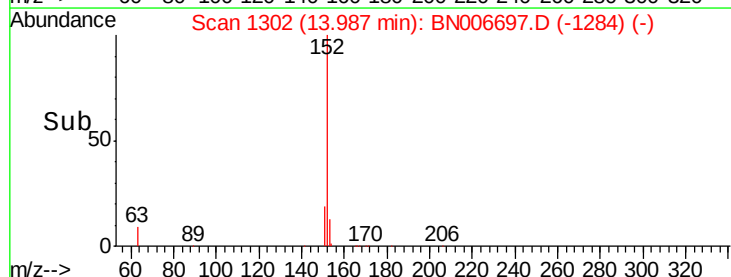
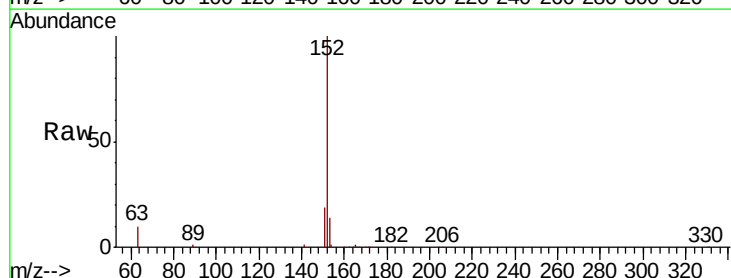
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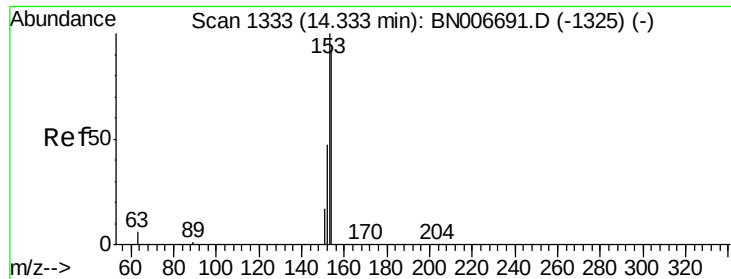
mohammad
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#16
Acenaphthylene
Concen: 0.395 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.6	15.8





#17

Acenaphthene

Concen: 0.422 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

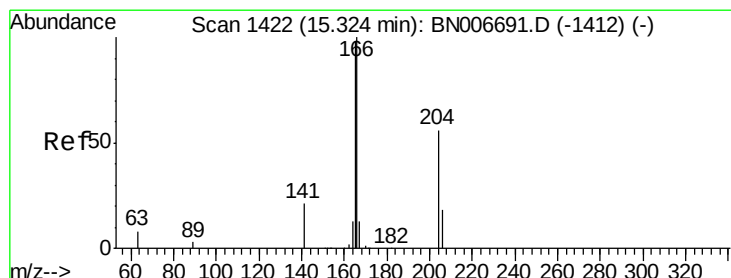
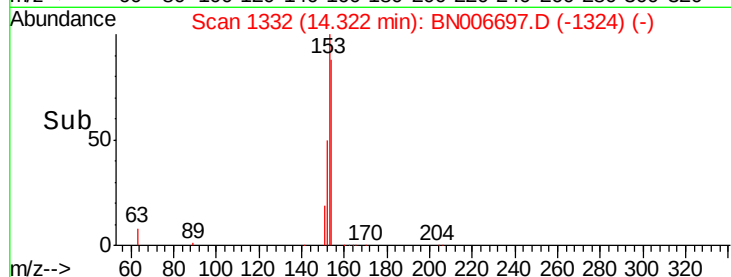
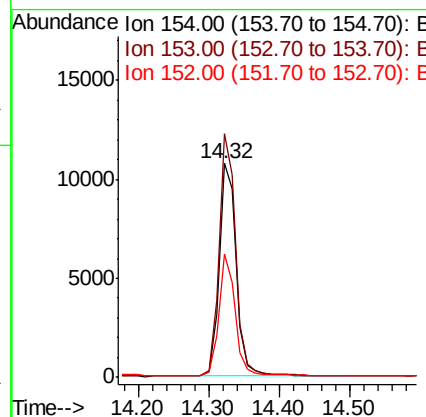
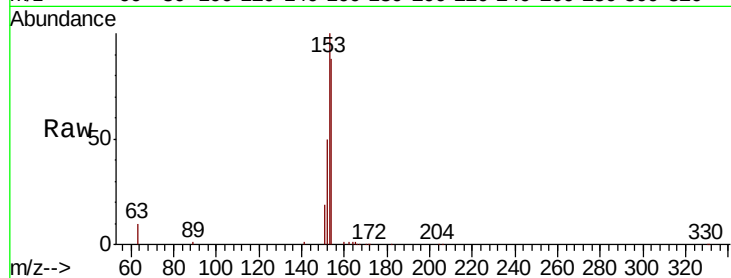
ClientSampleId :

PB120849BS

Tot Ion:	154	Resp:	18262
Ion Ratio	Lower	Upper	
154	100		
153	112.3	88.9	133.3
152	54.7	42.8	64.2

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#18

Fluorene

Concen: 0.524 ng

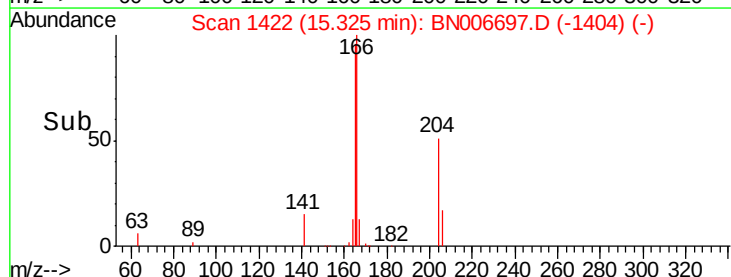
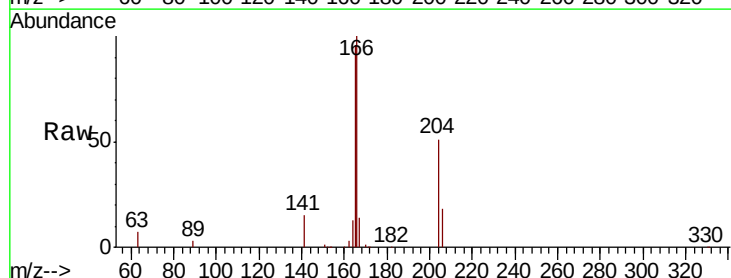
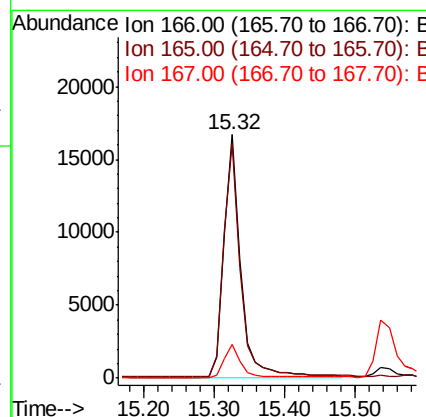
RT: 15.32 min Scan# 1422

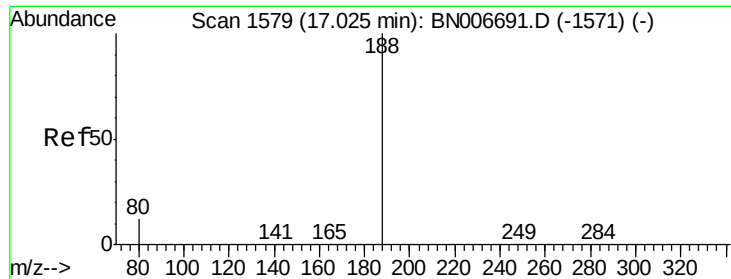
Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Tgt Ion:	166	Resp:	28191
Ion Ratio	Lower	Upper	
166	100		
165	97.4	78.0	117.0
167	13.4	10.7	16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

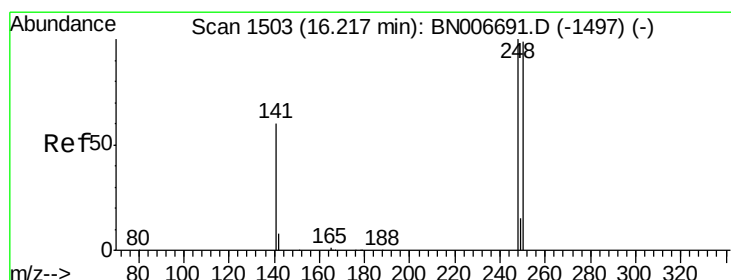
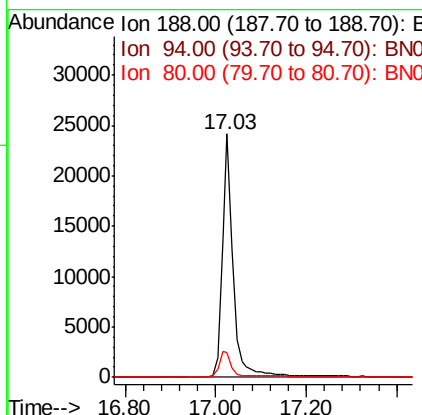
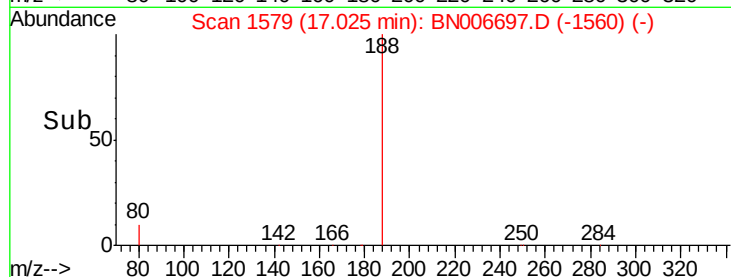
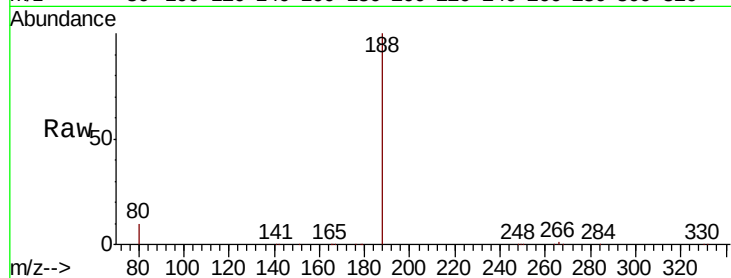
ClientSampleId :

PB120849BS

Tot Ion:	188	Resp:	40279
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.9	10.3	15.5#

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#20

4-Bromophenyl-phenylether

Concen: 0.400 ng

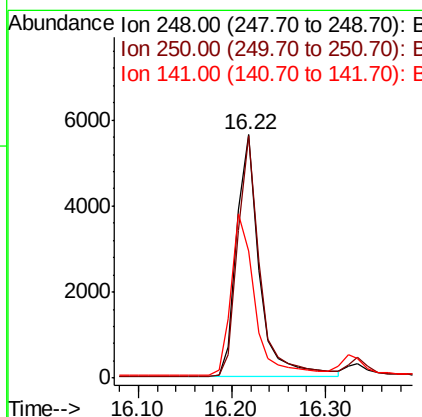
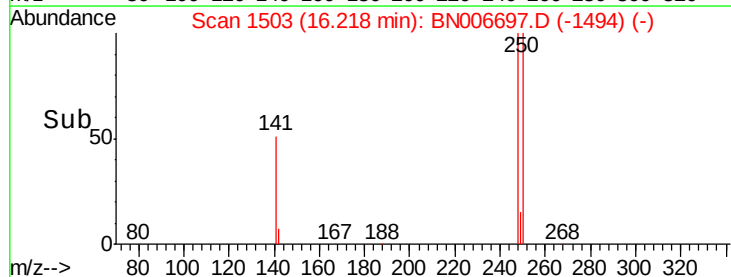
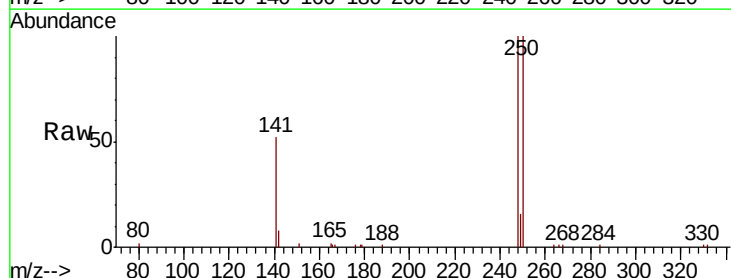
RT: 16.22 min Scan# 1503

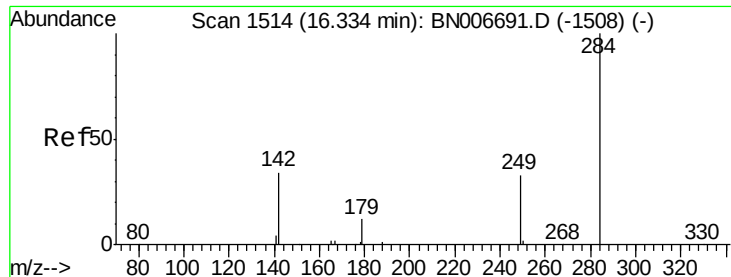
Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Tgt Ion:	248	Resp:	9504
Ion Ratio	Lower	Upper	
248	100		
250	99.6	79.0	118.6
141	52.0	50.2	75.4





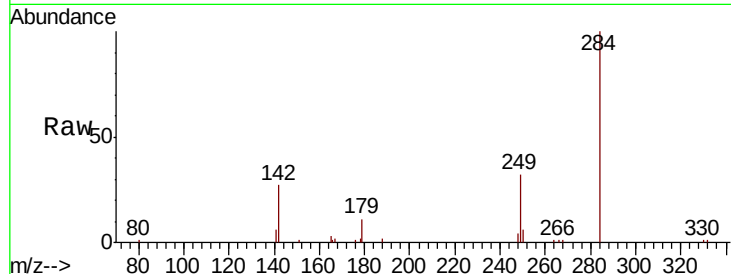
#21
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.33 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PB120849BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.0	26.9	40.3
249	31.0	24.4	36.6

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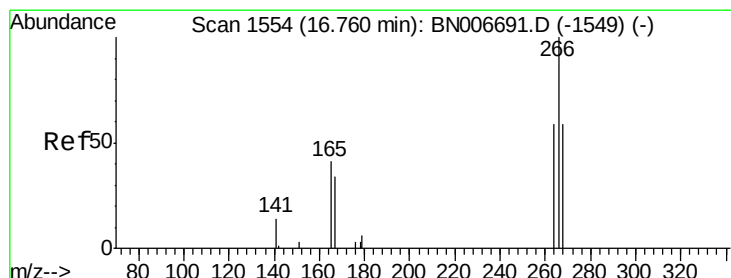
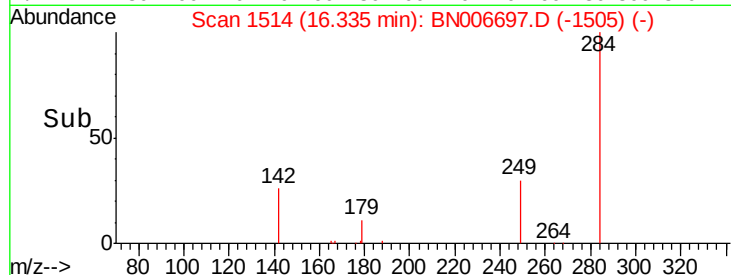
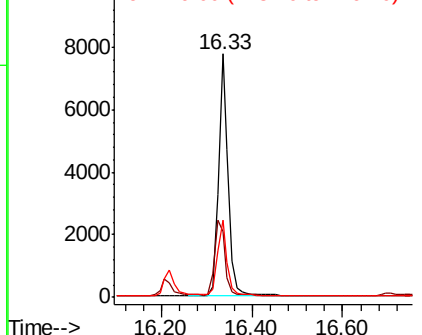


Abundance

Ion 283.80 (283.50 to 284.50): E

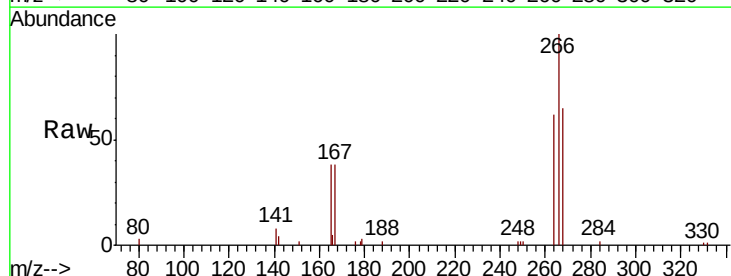
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 2.301 ng m
RT: 16.71 min Scan# 1549
Delta R.T. -0.05 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.8	57.6	86.4
268	65.2	66.6	99.8

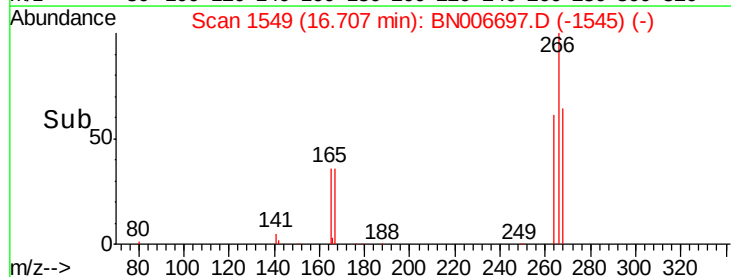
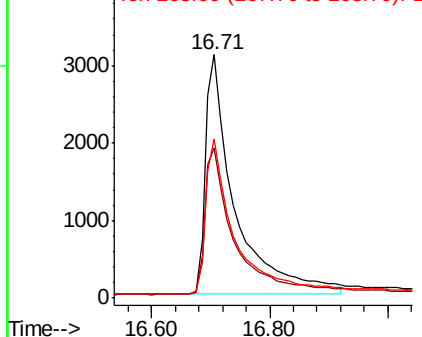


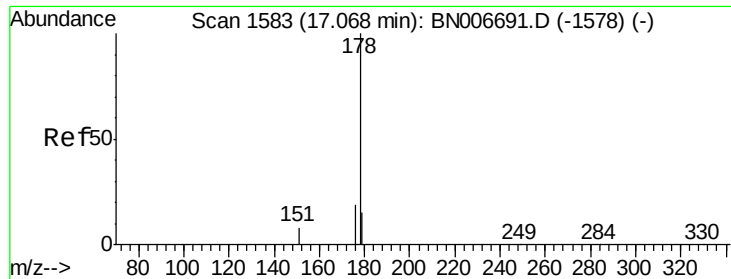
Abundance

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: 0.414 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

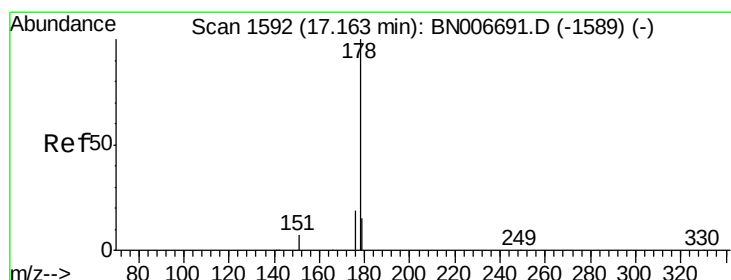
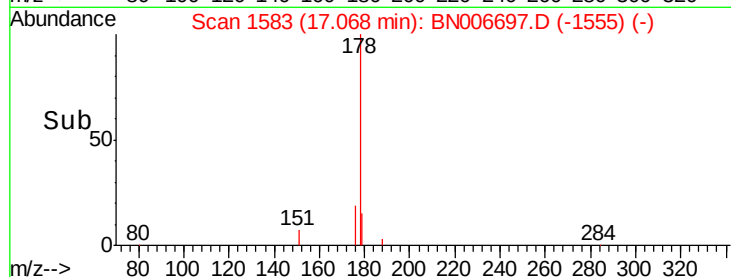
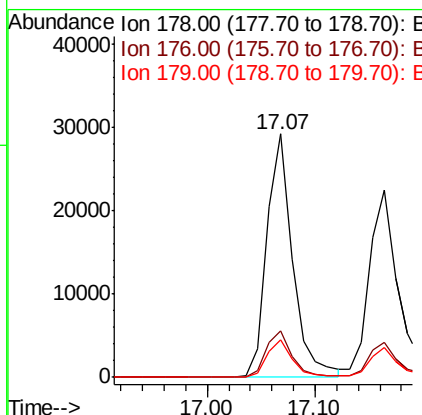
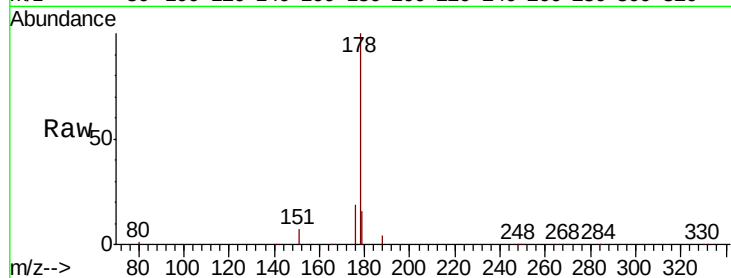
ClientSampleId :

PB120849BS

Tot Ion:178	Resp:	48073
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.3 22.9
179	15.3	12.4 18.6

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#24

Anthracene

Concen: 0.412 ng

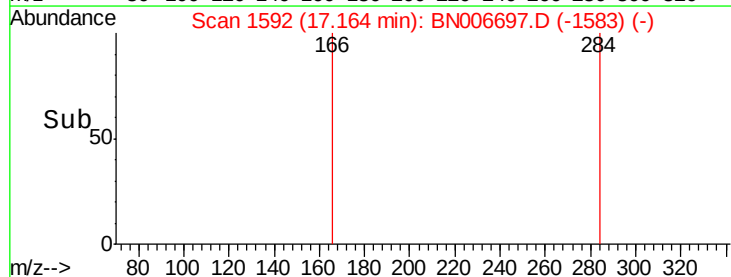
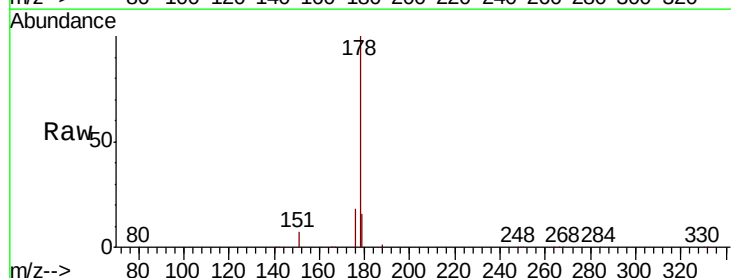
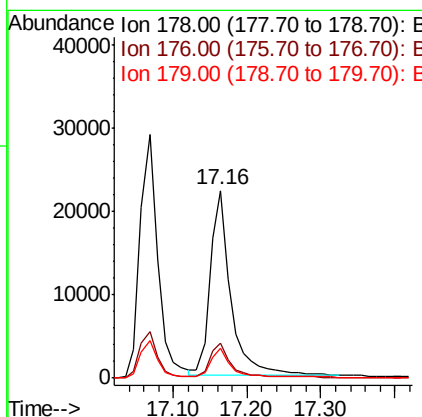
RT: 17.16 min Scan# 1592

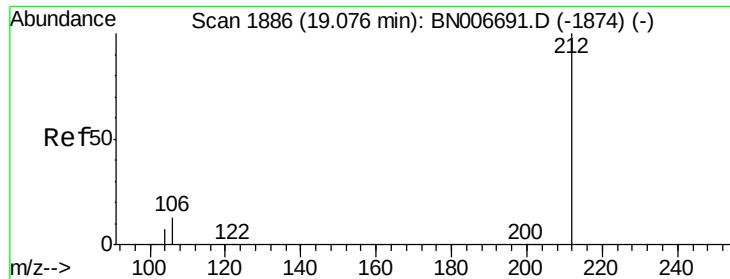
Delta R.T. 0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Tgt Ion:178	Resp:	43188
Ion Ratio	Lower	Upper
178	100	
176	18.3	14.8 22.2
179	15.2	11.9 17.9





#25

Fluoranthene-d10

Concen: 0.399 ng

RT: 19.07 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

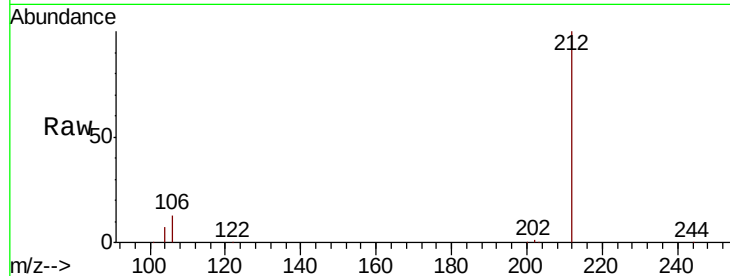
ClientSampleId :

PB120849BS

Tot Ion	Ratio	Lower	Upper
212	100		
106	13.9	11.0	16.6
104	7.4	6.1	9.1

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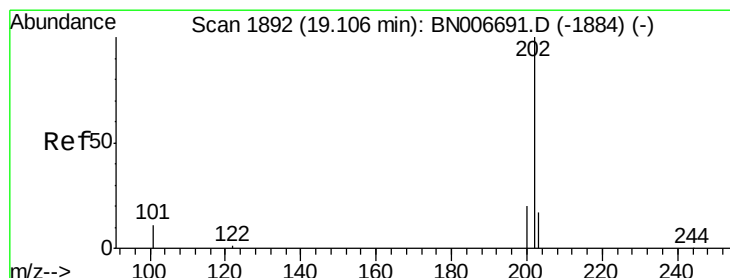
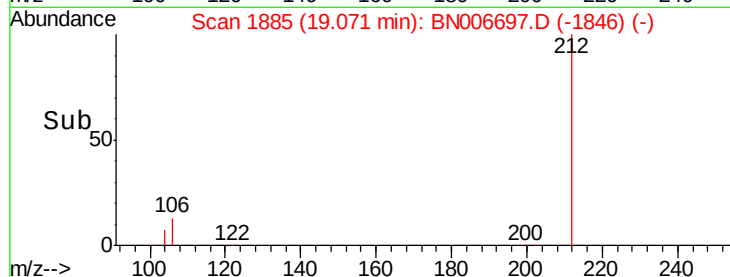
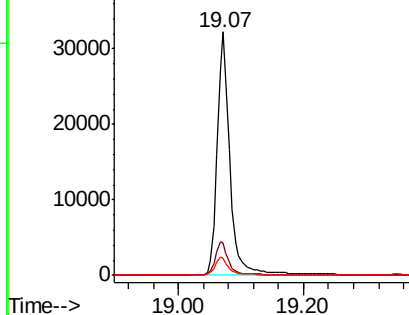


Abundance

Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.425 ng

RT: 19.10 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

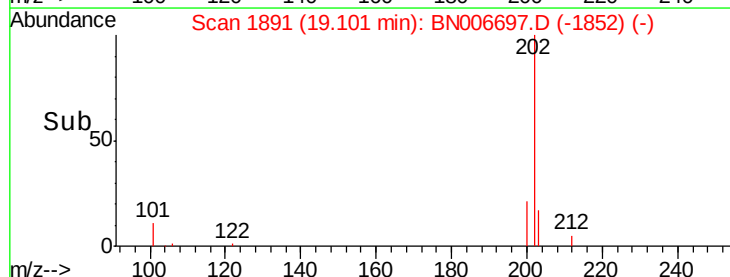
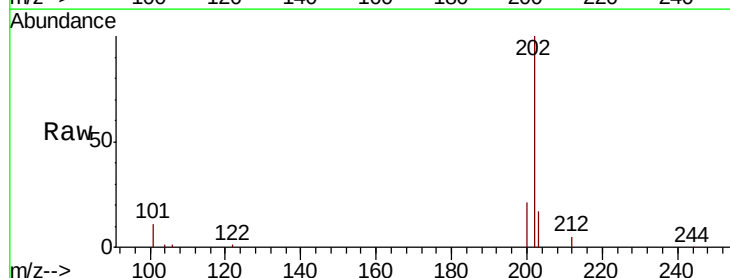
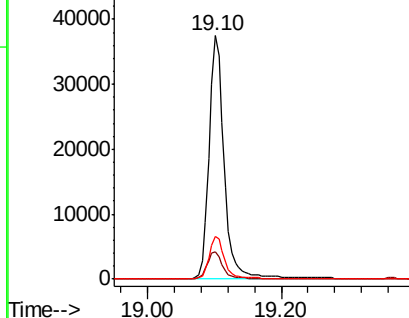
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.7	13.1
203	17.1	13.8	20.6

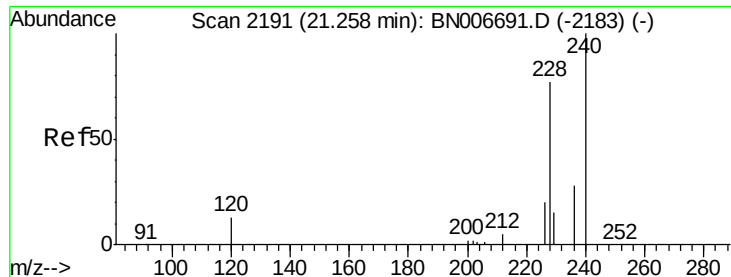
Abundance

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





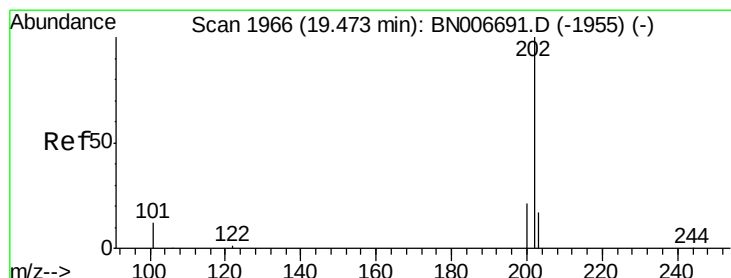
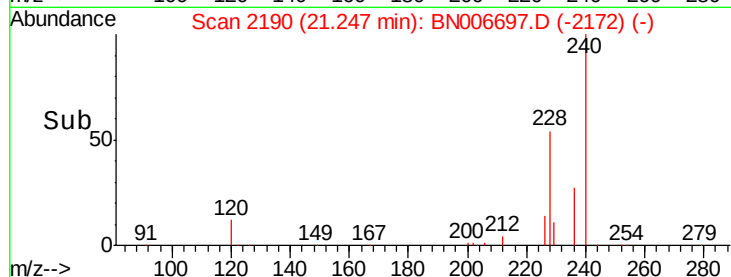
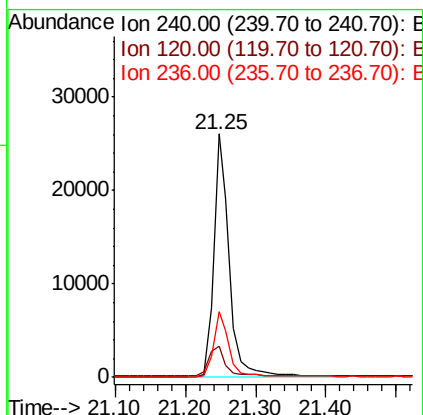
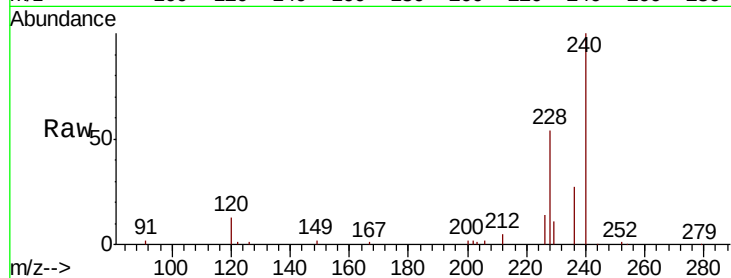
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PB120849BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	12.9	19.3#
236	27.1	23.2	34.8

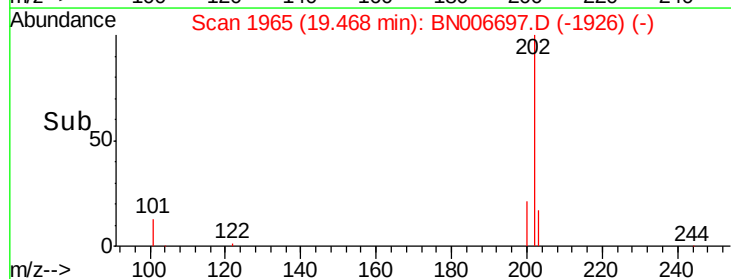
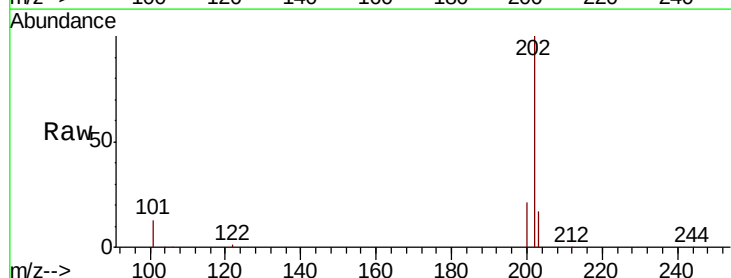
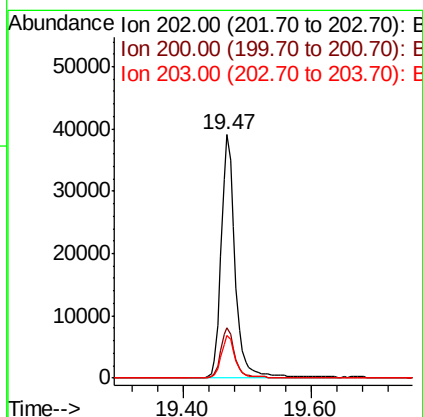
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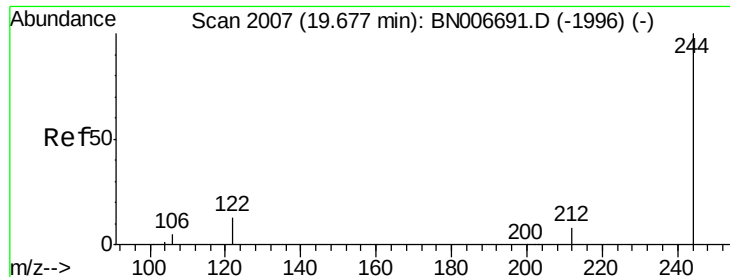
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#28
Pyrene
Concen: 0.368 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.5	14.2	21.2





#29

Terphenyl-d14

Concen: 0.339 ng

RT: 19.67 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

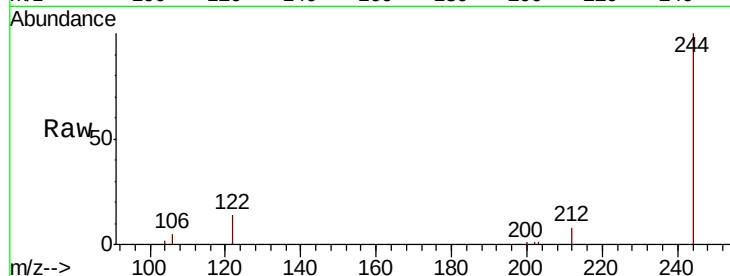
ClientSampleId :

PB120849BS

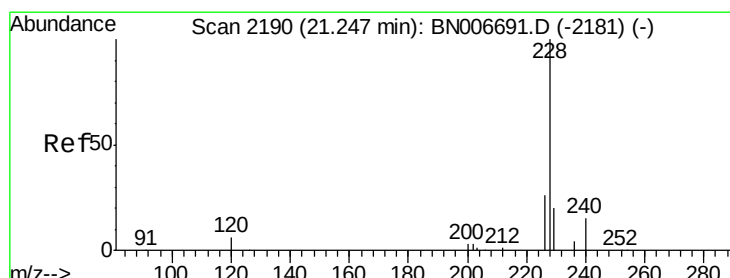
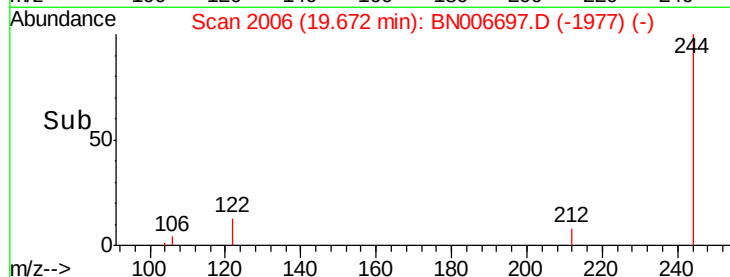
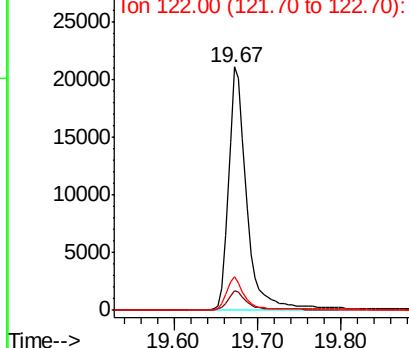
Tot Ion:	244	Resp:	31496
Ion Ratio	Lower	Upper	
244	100		
212	8.2	7.0	10.4
122	13.6	11.5	17.3

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.367 ng

RT: 21.24 min Scan# 2189

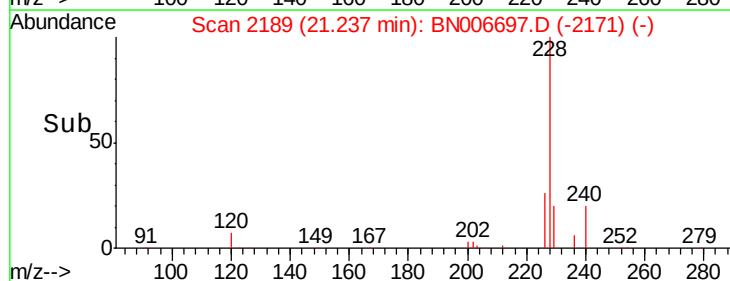
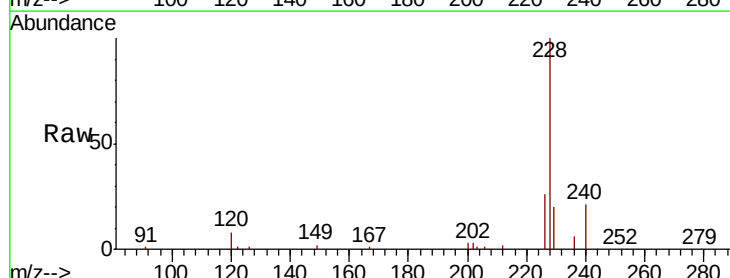
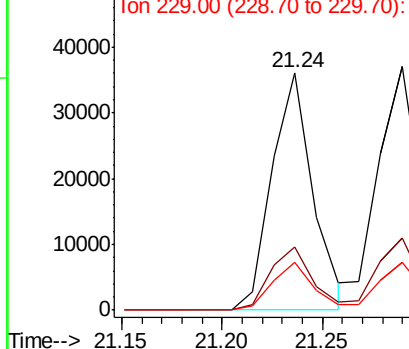
Delta R.T. -0.01 min

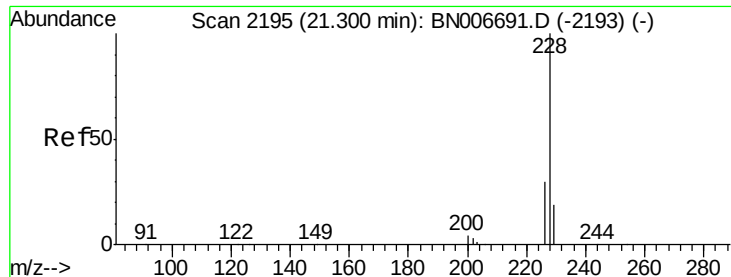
Lab File: BN006697.D

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Tgt Ion:	228	Resp:	51178
Ion Ratio	Lower	Upper	
228	100		
226	26.4	21.5	32.3
229	20.0	16.2	24.4

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





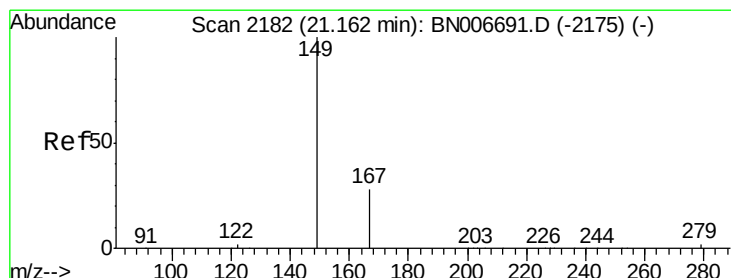
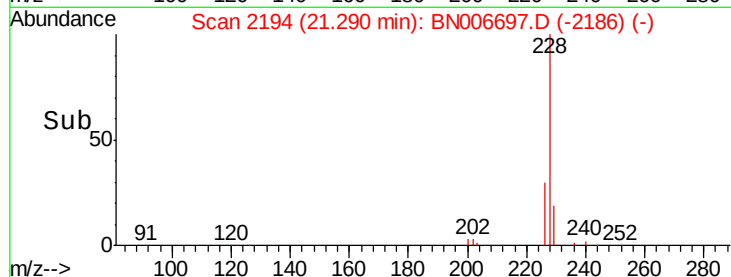
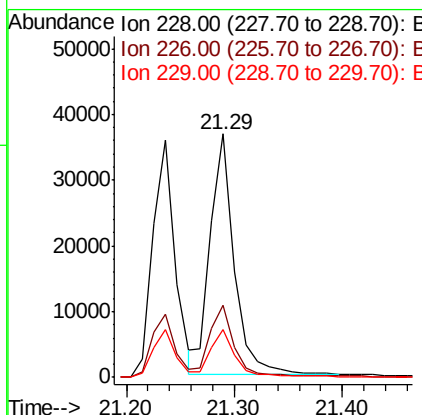
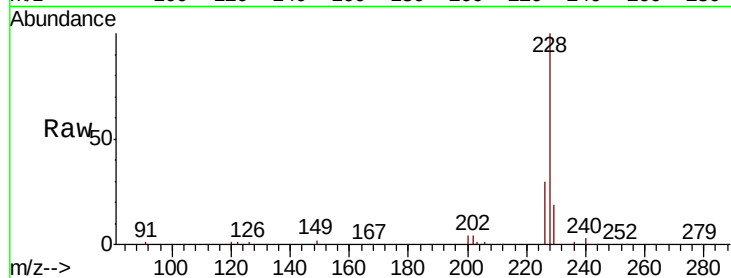
#31
Chrysene
Concen: 0.391 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

Instrument :
BNA_N
ClientSampleID :
PB120849BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	19.5	15.8	23.6

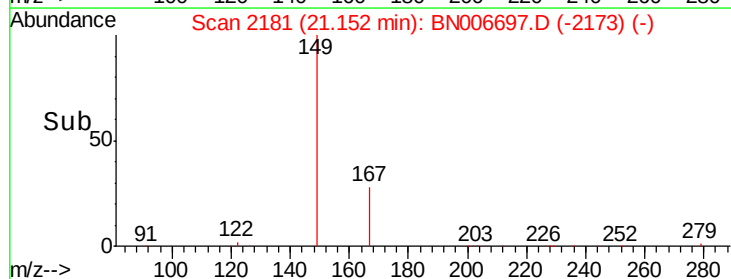
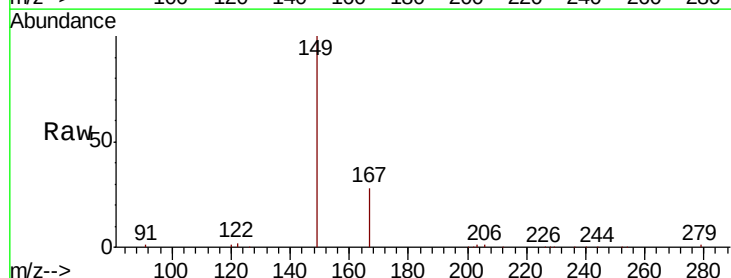
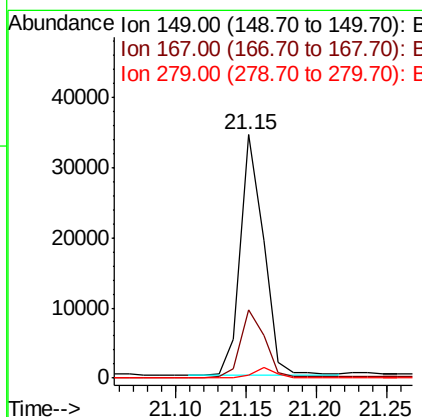
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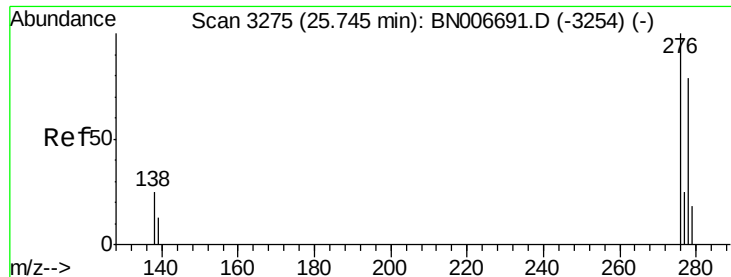
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.094 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.9	34.3
279	4.1	3.2	4.8





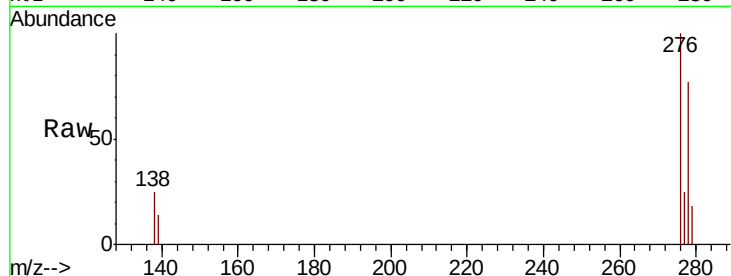
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.394 ng
 RT: 25.72 min Scan# 3267
 Delta R.T. -0.03 min
 Lab File: BN006697.D
 Acq: 02 Jul 2019 18:18

Instrument :
 BNA_N
 ClientSampleId :
 PB120849BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.5	29.3
277	24.8	19.7	29.5

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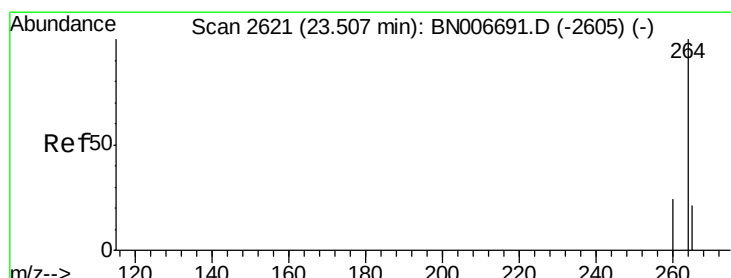
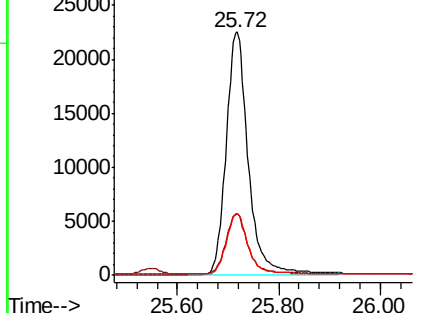
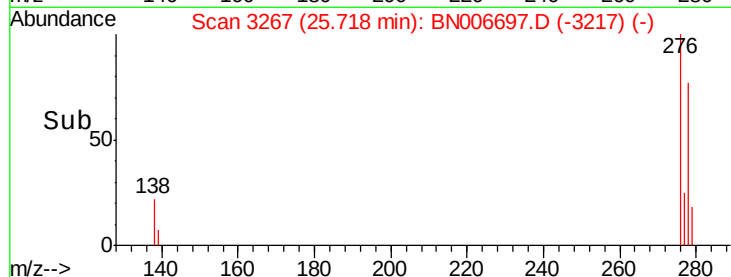


Abundance

Ion 276.00 (275.70 to 276.70): E

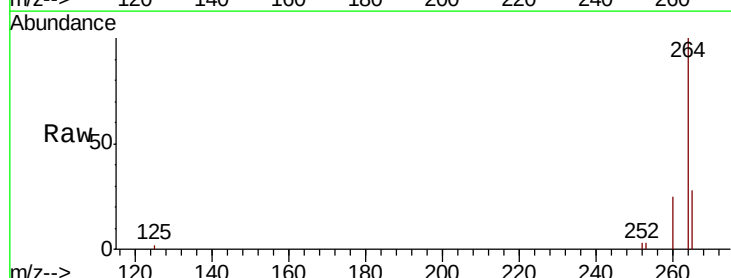
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.48 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BN006697.D
 Acq: 02 Jul 2019 18:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	27.6	33.7	50.5

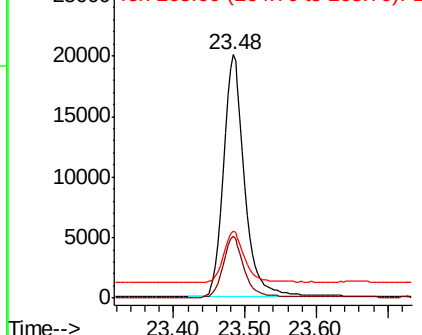
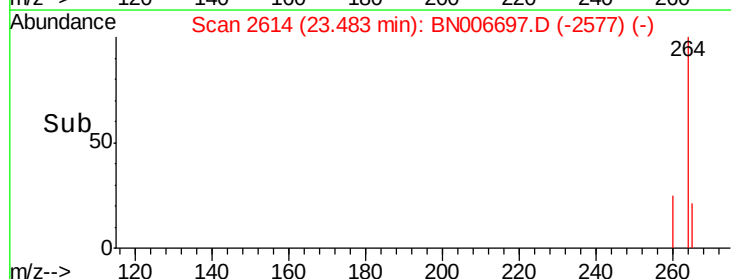


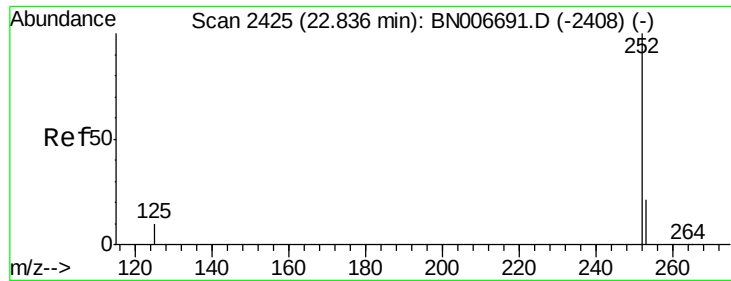
Abundance

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





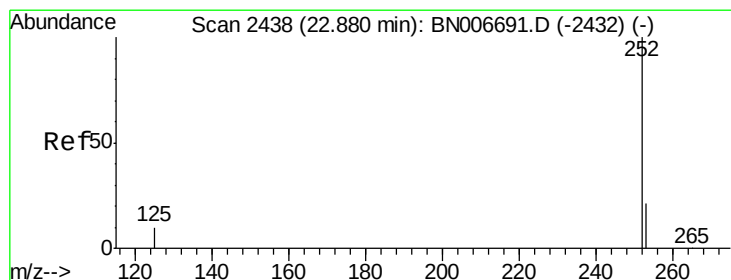
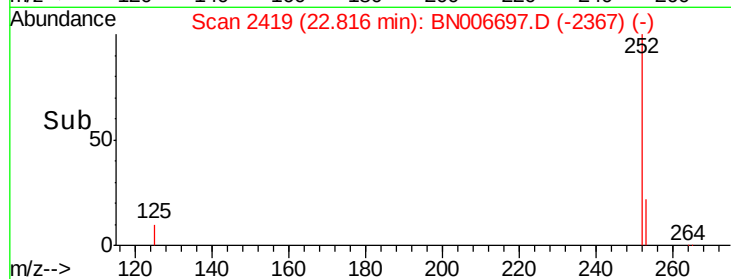
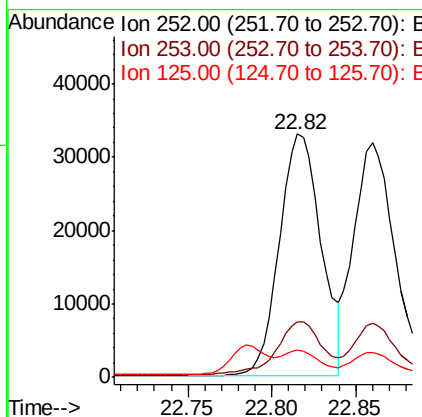
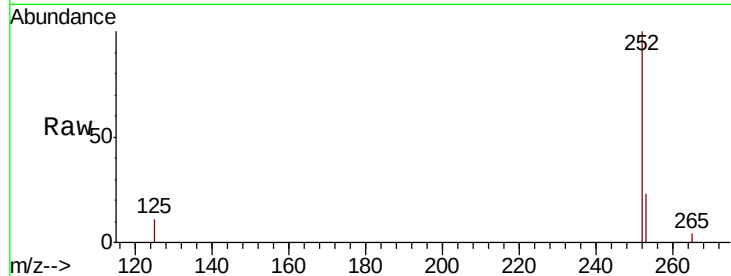
#35
Benzo(b)fluoranthene
Concen: 0.431 ng
RT: 22.82 min Scan# 2419
Delta R.T. -0.02 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PB120849BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.2	30.2
125	11.1	11.5	17.3

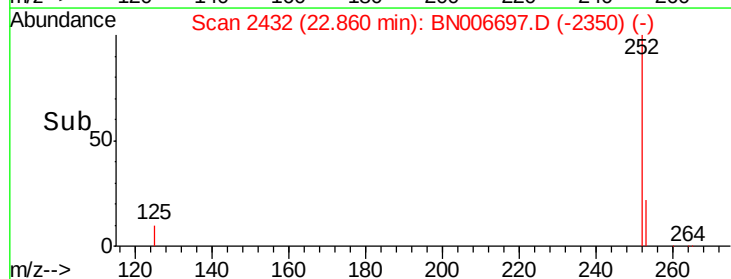
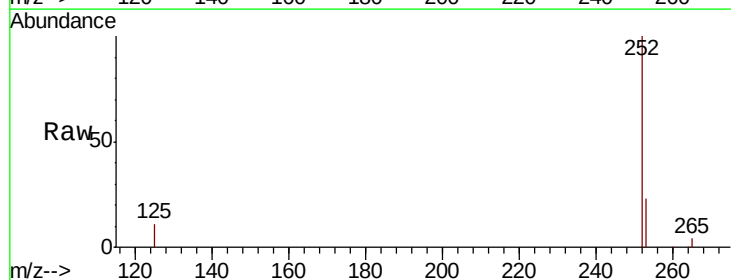
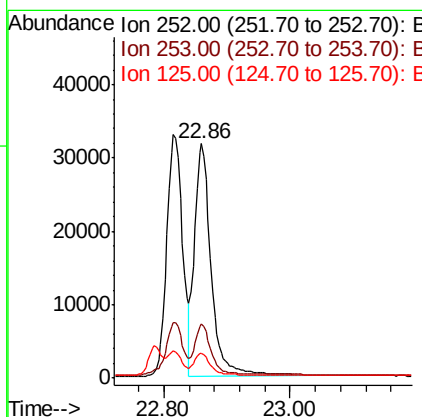
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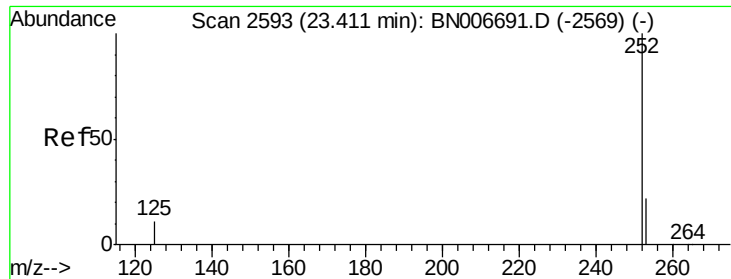
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#36
Benzo(k)fluoranthene
Concen: 0.405 ng
RT: 22.86 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BN006697.D
Acq: 02 Jul 2019 18:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.1	30.1
125	10.7	11.4	17.0





#37

Benzo(a)pyrene

Concen: 0.428 ng

RT: 23.39 min Scan# 2586

Delta R.T. -0.02 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

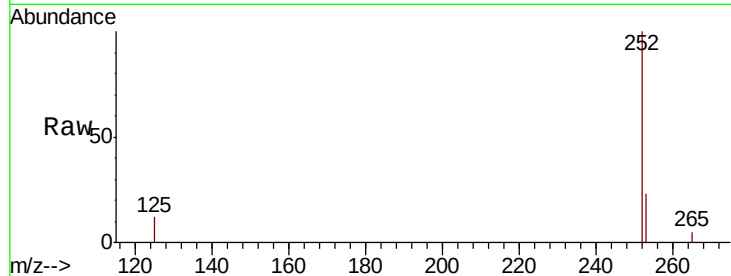
ClientSampleId :

PB120849BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	21.4	32.2
125	12.3	13.3	19.9

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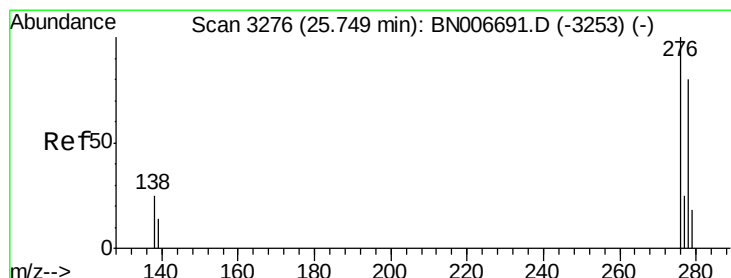
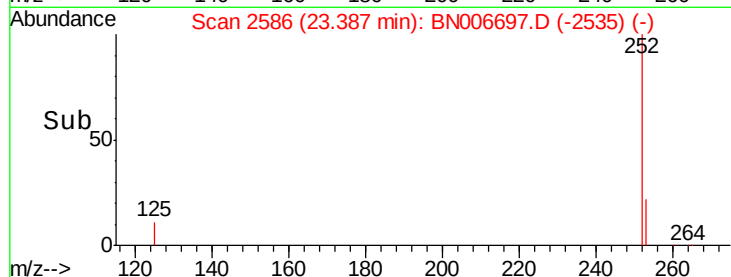
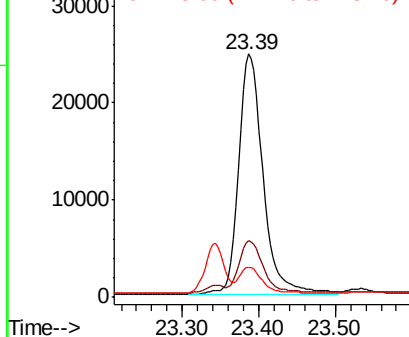


Abundance

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: 0.424 ng

RT: 25.72 min Scan# 3268

Delta R.T. -0.03 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

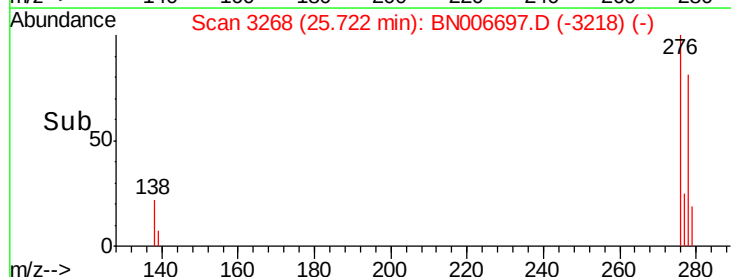
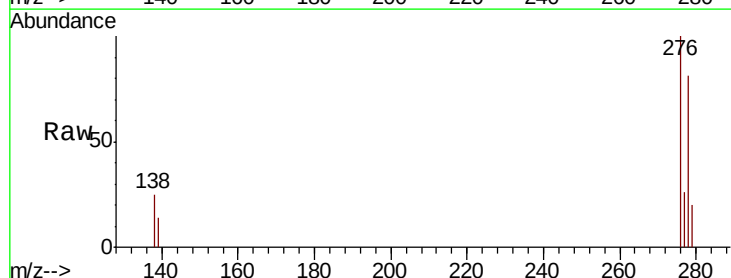
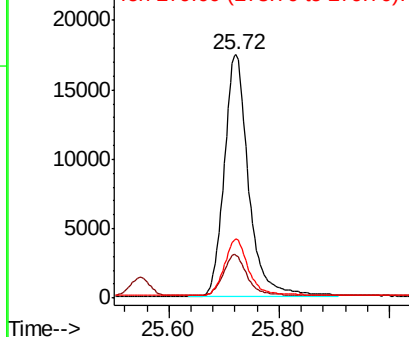
Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	16.2	24.4
279	24.3	20.7	31.1

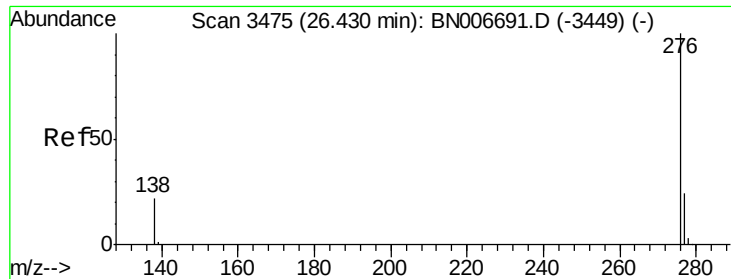
Abundance

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: 0.427 ng

RT: 26.40 min Scan# 3466

Delta R.T. -0.03 min

Lab File: BN006697.D

Acq: 02 Jul 2019 18:18

Instrument :

BNA_N

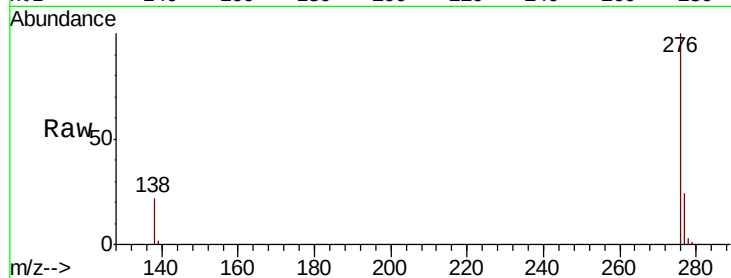
ClientSampleId :

PB120849BS

Tot Ion:	276	Resp:	55980
Ion Ratio	Lower	Upper	
276	100		
277	23.9	20.6	30.8
138	22.4	19.7	29.5

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

