

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
 Data File : BN007303.D
 Acq On : 21 Aug 2019 22:58
 Operator : HP/JU
 Sample : K4441-11MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S700-N-0.0-0.5-082019MSD

Manual Integrations
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 8/26/2019 5:48:01 PM

Quant Time: Aug 22 12:42:19 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 20 18:52:43 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	5136	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	18820	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	11298	0.40	ng	0.00
19) Phenanthrene-d10	16.82	188	25406	0.40	ng	0.00
27) Chrysene-d12	21.05	240	30816	0.40	ng	0.02
34) Perylene-d12	23.16	264	64431	0.40	ng	0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.05	112	4168	0.27	ng	0.02
5) Phenol-d6	6.61	99	4428	0.24	ng	0.00
8) Nitrobenzene-d5	8.54	82	3415	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	7395m	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	1771	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	9232	0.19	ng	0.00
25) Fluoranthene-d10	18.86	212	15630m	0.19	ng	0.01
29) Terphenyl-d14	19.47	244	27184	0.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.01	88	1580	0.217	ng	# 59
3) n-Nitrosodimethylamine	3.32	42	1165	0.238	ng	# 85
6) bis(2-Chloroethyl)ether	6.85	93	4906	0.323	ng	97
9) Naphthalene	10.21	128	126609	2.374	ng	100
10) Hexachlorobutadiene	10.52	225	3464	0.294	ng	# 98
12) 2-Methylnaphthalene	11.85	142	67187	1.819	ng	100
16) Acenaphthylene	13.77	152	84758	1.415	ng	97
17) Acenaphthene	14.12	154	658585	17.249	ng	99
18) Fluorene	15.12	166	804984	16.137	ng	99
20) 4-Bromophenyl-phenylether	16.02	248	4894	0.336	ng	# 84
21) Hexachlorobenzene	16.14	284	4901	0.291	ng	97
22) Pentachlorophenol	16.48	266	6327	0.936	ng	96
23) Phenanthrene	16.86	178	12376882	155.432	ng	97
24) Anthracene	16.94	178	4152895	57.920	ng	# 93
26) Fluoranthene	18.89	202	19450815m	201.663	ng	
28) Pyrene	19.26	202	18608506	161.483	ng	# 78
30) Benzo(a)anthracene	21.03	228	13855593	120.917	ng	# 90
31) Chrysene	21.09	228	12180515	104.164	ng	# 93
32) Bis(2-ethylhexyl)phthalate	20.96	149	189865m	4.146	ng	
33) Indeno(1,2,3-cd)pyrene	25.26	276	8989148	63.886	ng	# 95
35) Benzo(b)fluoranthene	22.55	252	17120732	71.277	ng	95
36) Benzo(k)fluoranthene	22.58	252	6357131m	27.015	ng	
37) Benzo(a)pyrene	23.08	252	12378291	57.180	ng	95
38) Dibenzo(a,h)anthracene	25.26	278	2540167	11.169	ng	96
39) Benzo(g,h,i)perylene	25.90	276	8494935	36.954	ng	97

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

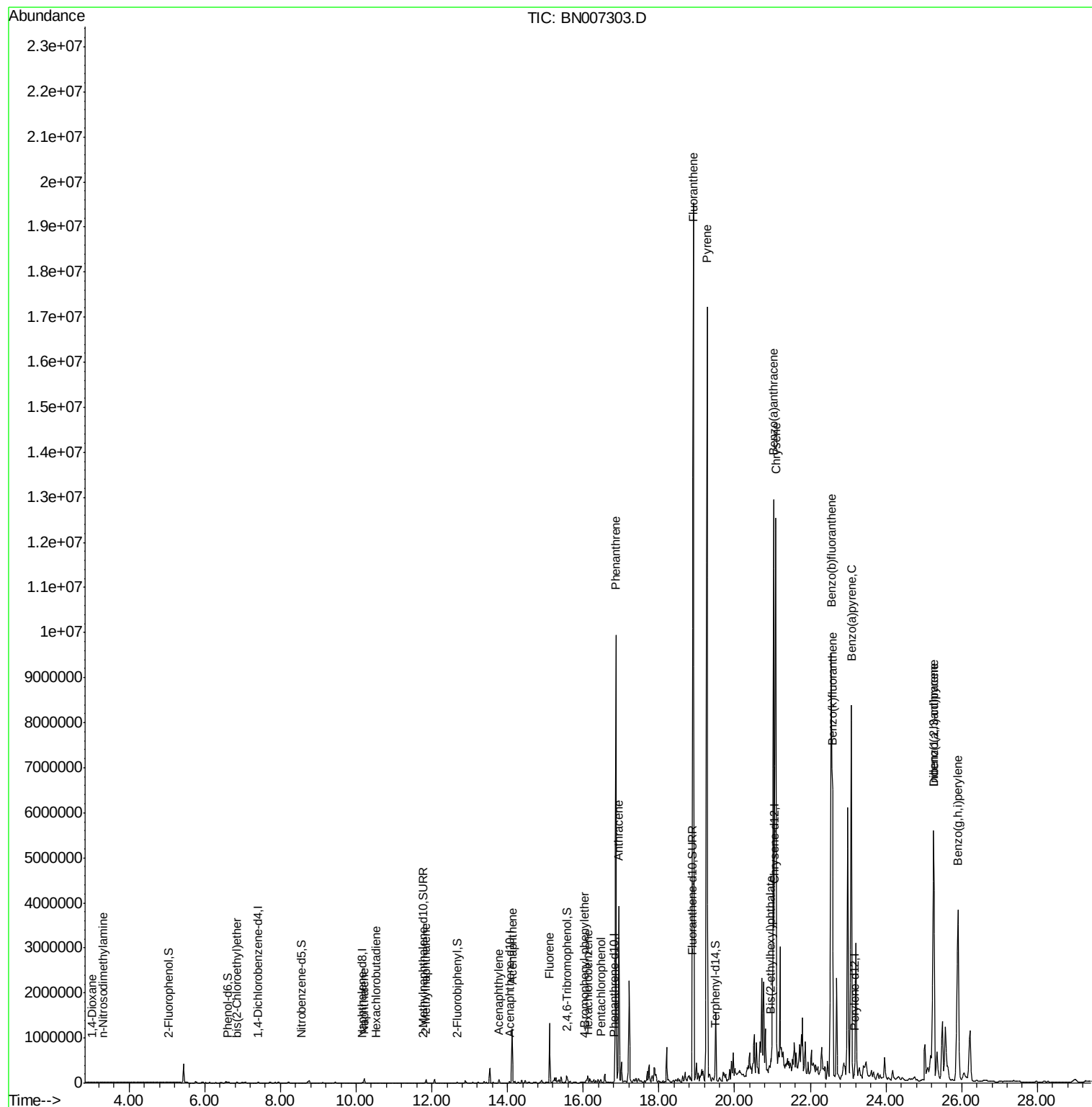
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
Data File : BN007303.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

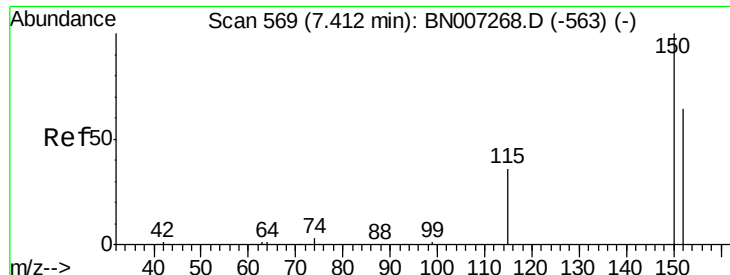
Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019MSD

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

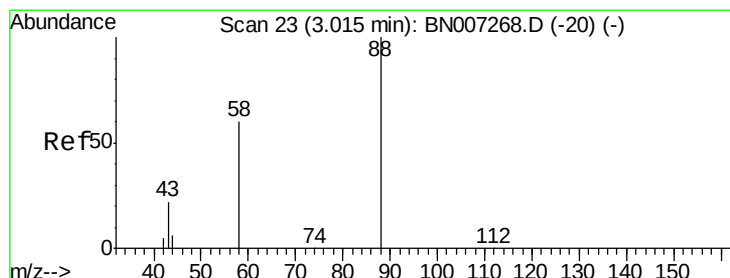
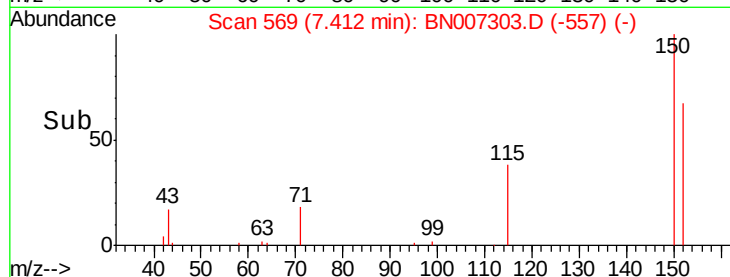
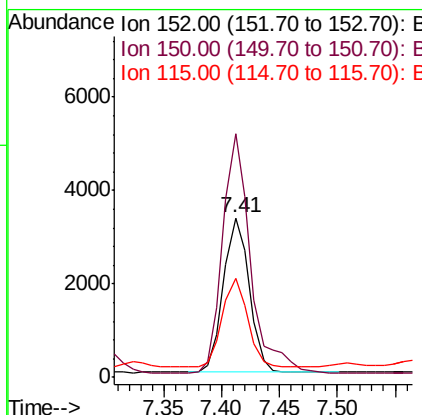
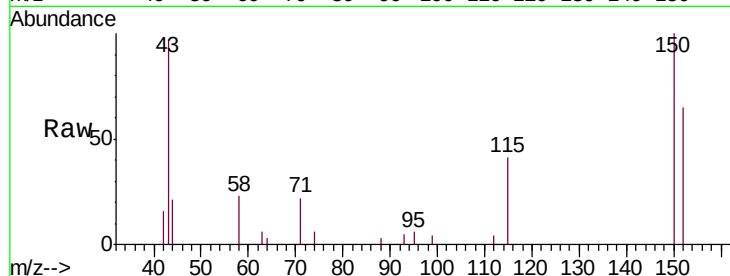
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.00 min
Lab File: BN007303.D
Acq: 21 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.8	185.8
115	62.1	47.3	70.9

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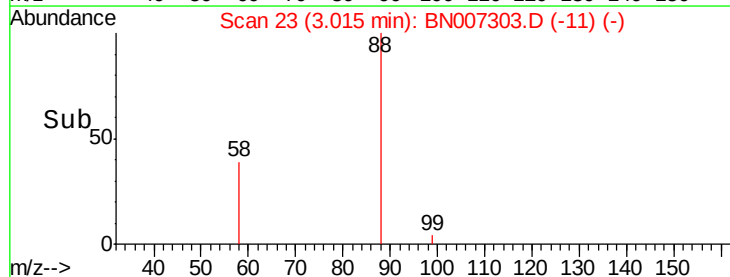
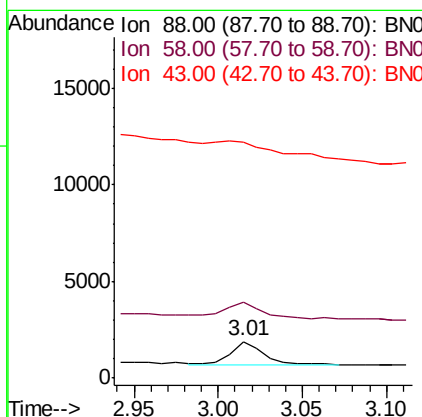
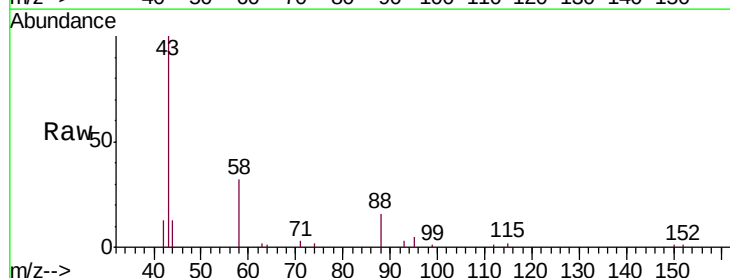
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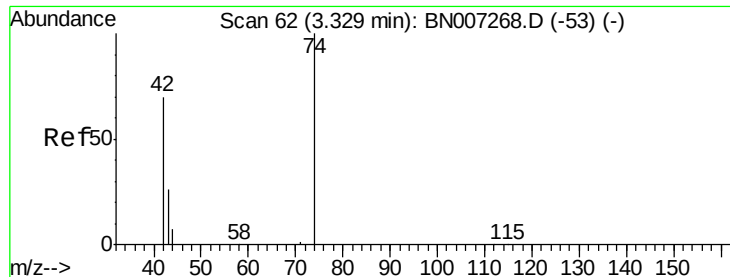


#2

1,4-Dioxane
Concen: 0.217 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007303.D
Acq: 21 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.3	45.5	68.3#
43	0.0	20.4	30.6#





#3

n-Nitrosodimethylamine

Concen: 0.238 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007303.D

Acq: 21 Aug 2019 22:58

Instrument :

BNA_N

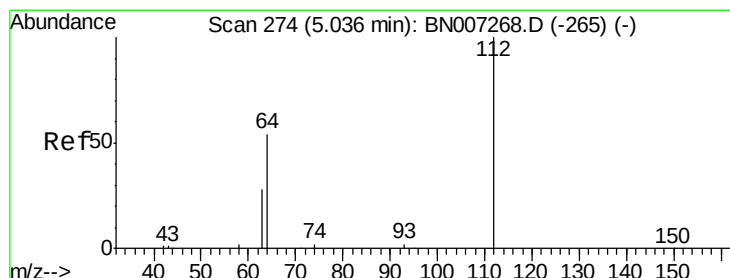
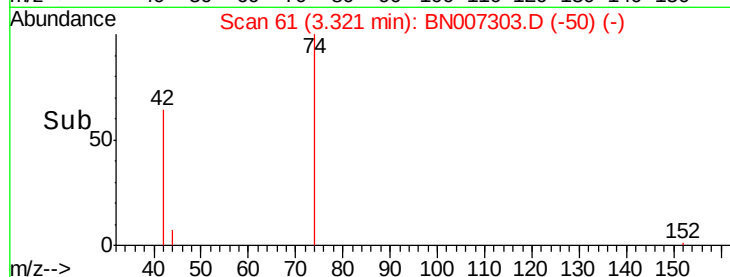
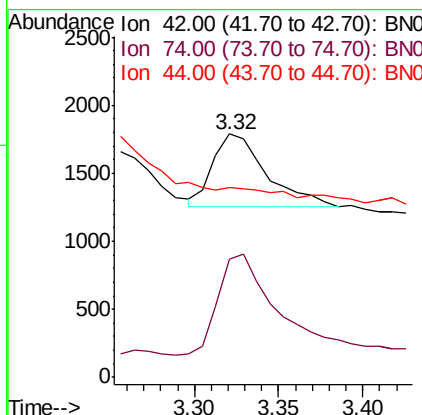
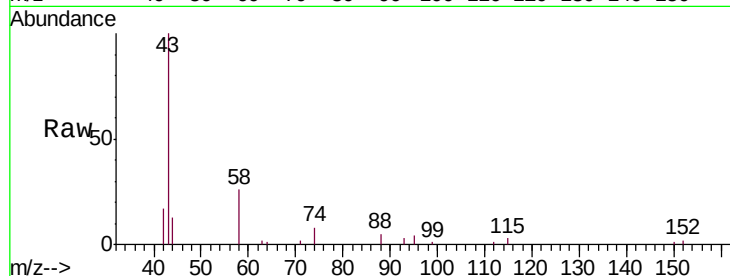
ClientSampleId :

S700-N-0.0-0.5-082019MSD

Tot Ion:	42	Resp:	1165
Ion	Ratio	Lower	Upper
42	100		
74	154.5	109.0	163.4
44	0.0	4.2	6.2#

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#4

2-Fluorophenol

Concen: 0.266 ng

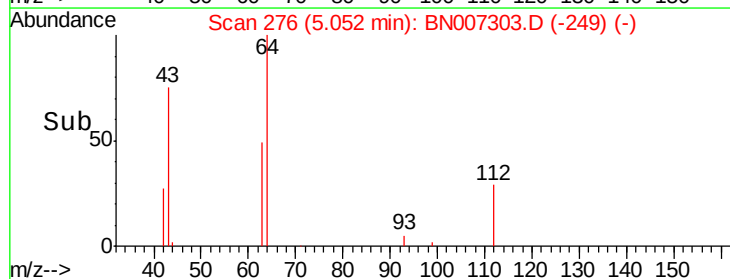
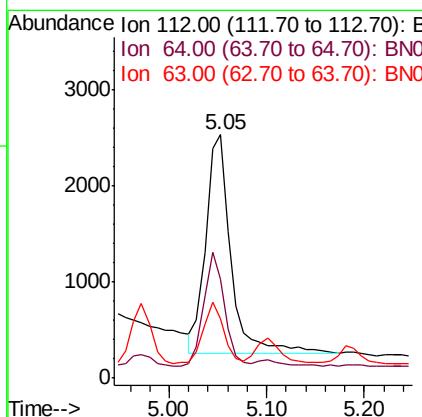
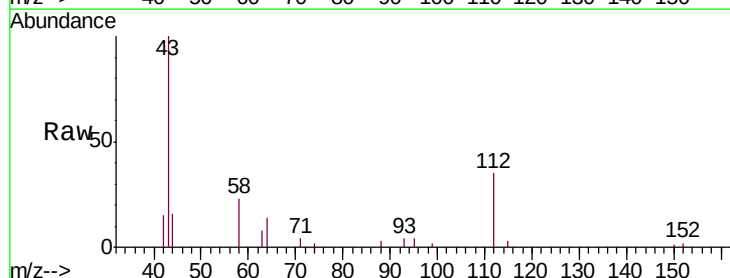
RT: 5.05 min Scan# 276

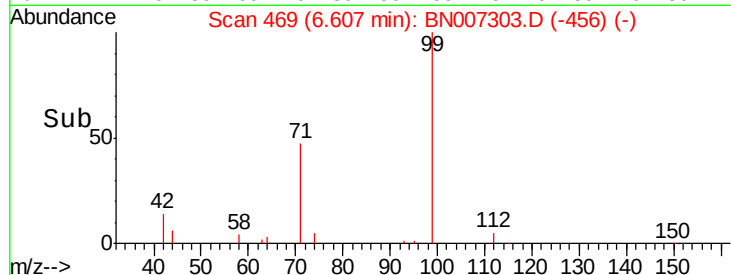
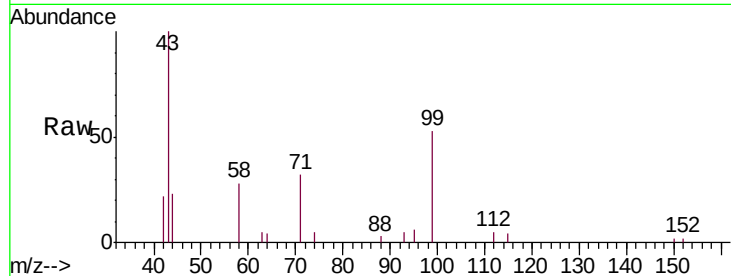
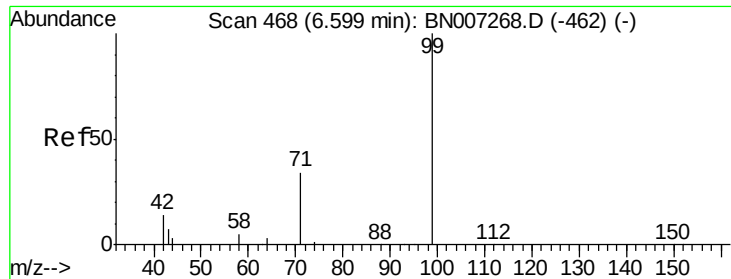
Delta R.T. 0.02 min

Lab File: BN007303.D

Acq: 21 Aug 2019 22:58

Tgt Ion:	112	Resp:	4168
Ion	Ratio	Lower	Upper
112	100		
64	41.9	41.8	62.8
63	21.8	22.6	34.0#





#5

Phenol-d6

Concen: 0.240 ng

RT: 6.61 min Scan# 469

Delta R.T. 0.01 min

Lab File: BN007303.D

Acq: 21 Aug 2019 22:58

Tot Ion:	99	Resp:	4428
Ion Ratio	Lower	Upper	
99	100		
42	21.6	14.3	21.5#
71	49.3	27.3	40.9#

Instrument :

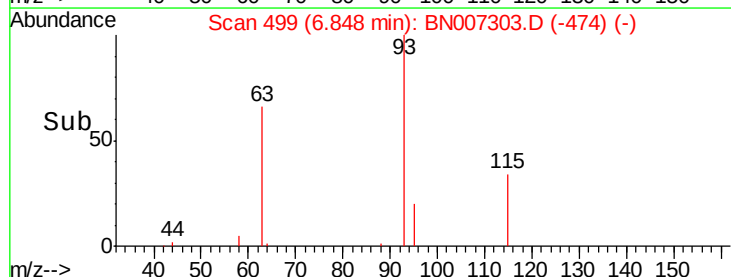
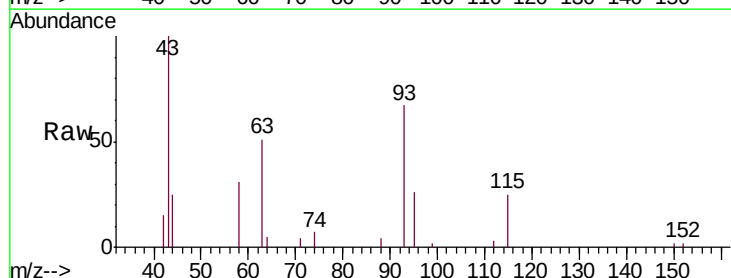
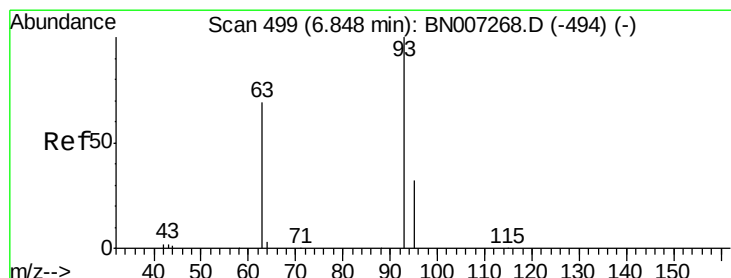
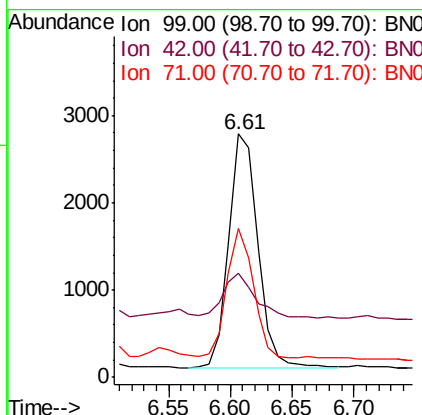
BNA_N

ClientSampleId :

S700-N-0.0-0.5-082019MSD

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#6

bis(2-Chloroethyl)ether

Concen: 0.323 ng

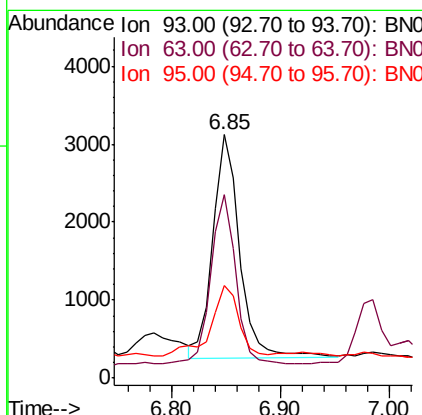
RT: 6.85 min Scan# 499

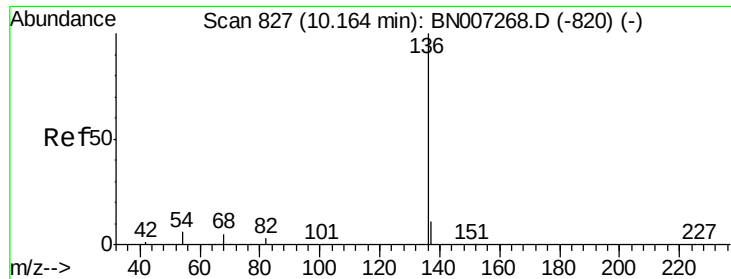
Delta R.T. -0.00 min

Lab File: BN007303.D

Acq: 21 Aug 2019 22:58

Tgt Ion:	93	Resp:	4906
Ion Ratio	Lower	Upper	
93	100		
63	70.3	54.4	81.6
95	33.4	25.5	38.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007303.D

Acq: 21 Aug 2019 22:58

Instrument :

BNA_N

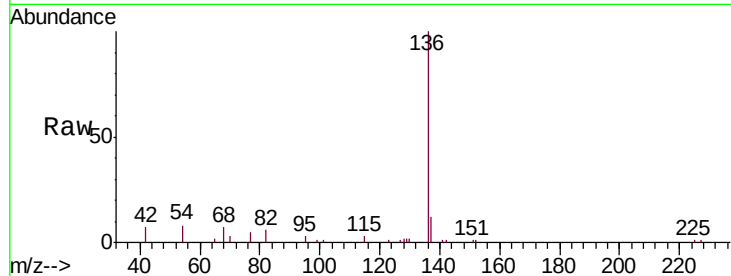
ClientSampleId :

S700-N-0.0-0.5-082019MSD

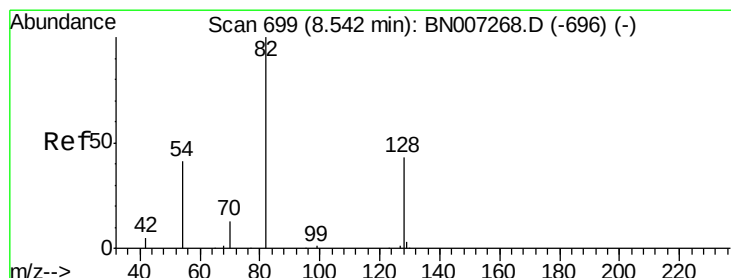
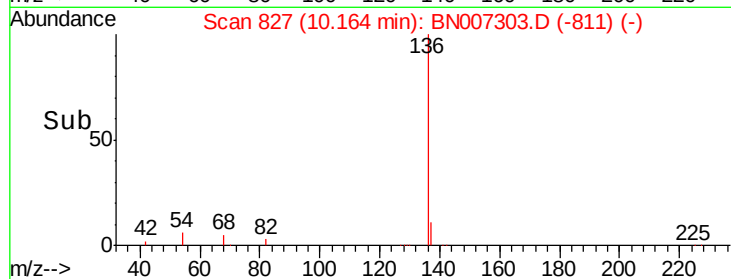
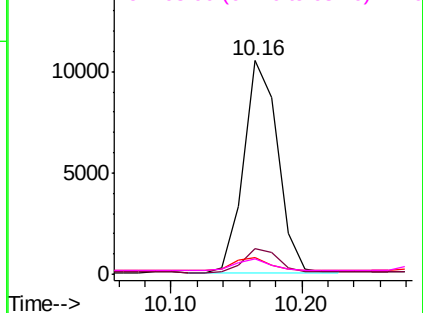
Tot Ion	136	Resp	18820
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.1	13.7
54	8.1	5.9	8.9
68	7.4	5.6	8.4

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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: 0.236 ng

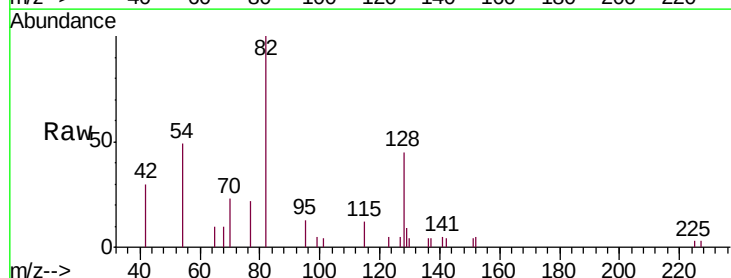
RT: 8.54 min Scan# 699

Delta R.T. -0.00 min

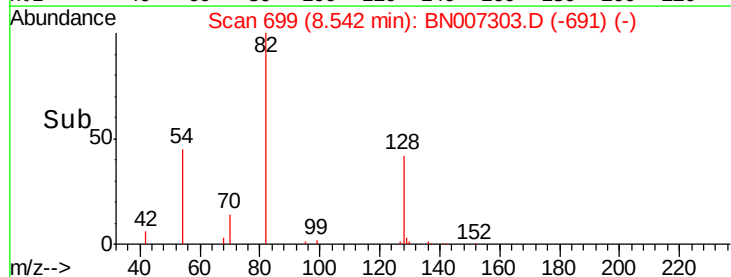
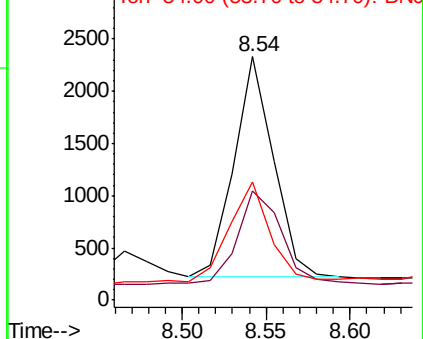
Lab File: BN007303.D

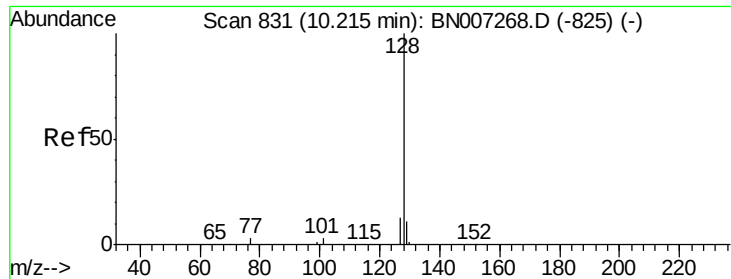
Acq: 21 Aug 2019 22:58

Tgt Ion	82	Resp	3415
Ion Ratio	Lower	Upper	
82	100		
128	44.7	35.8	53.6
54	48.7	34.7	52.1



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: 2.374 ng

RT: 10.21 min Scan# 831

Delta R.T. -0.00 min

Lab File: BN007303.D

Acq: 21 Aug 2019 22:58

Instrument :

BNA_N

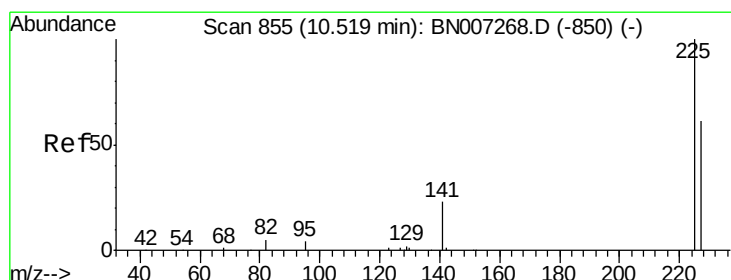
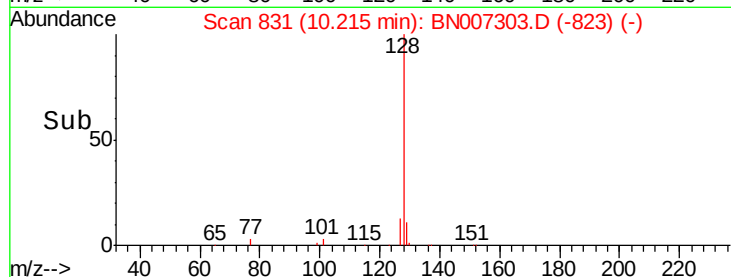
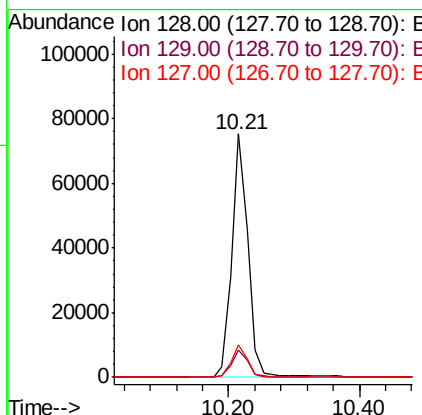
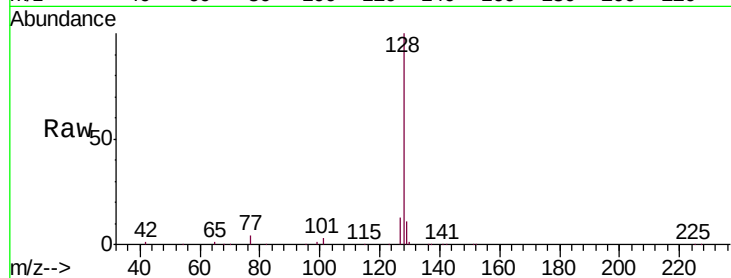
ClientSampleId :

S700-N-0.0-0.5-082019MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		126609		
129	11.2	9.1	13.7		
127	13.4	10.6	16.0		

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#10

Hexachlorobutadiene

Concen: 0.294 ng

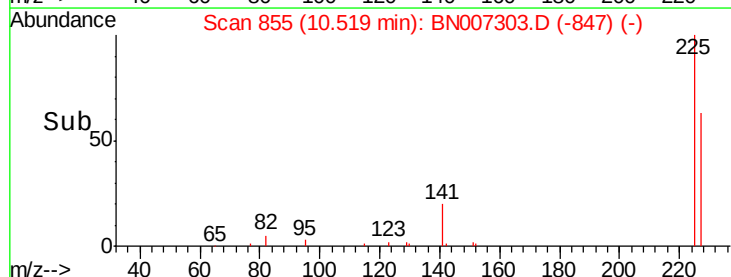
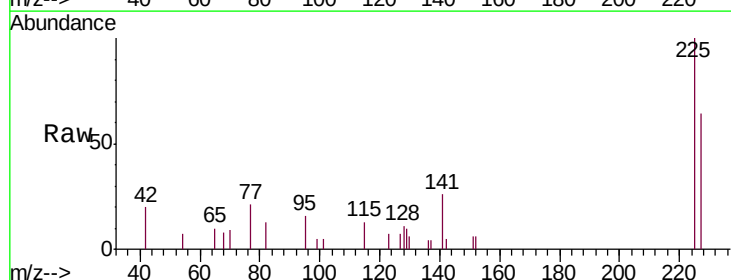
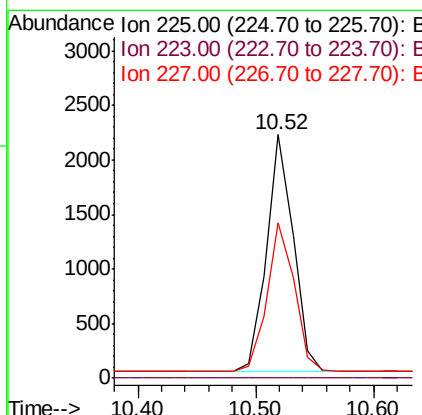
RT: 10.52 min Scan# 855

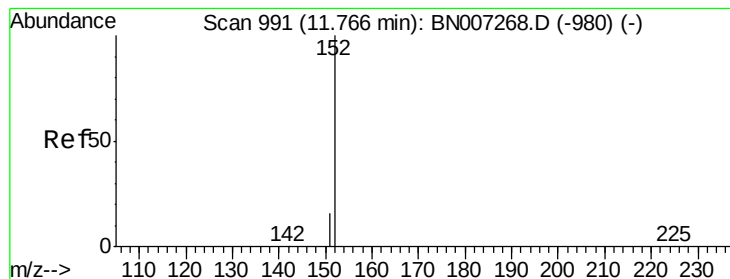
Delta R.T. -0.00 min

Lab File: BN007303.D

Acq: 21 Aug 2019 22:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		3464		
223	0.0	0.0	0.0		
227	64.2	50.2	75.2		





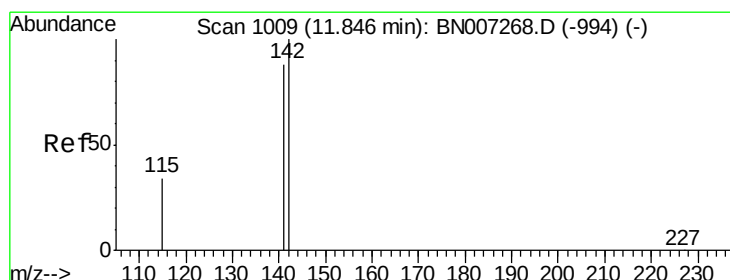
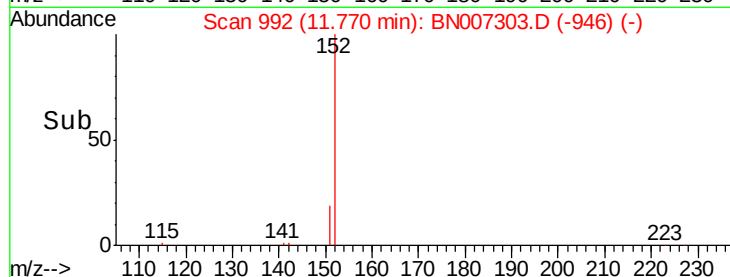
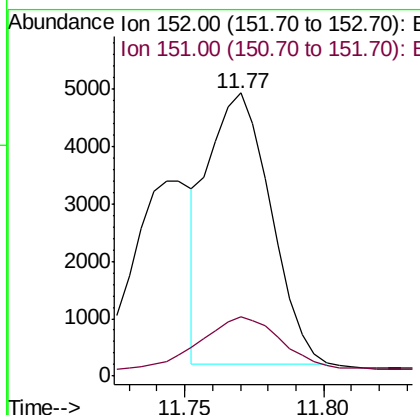
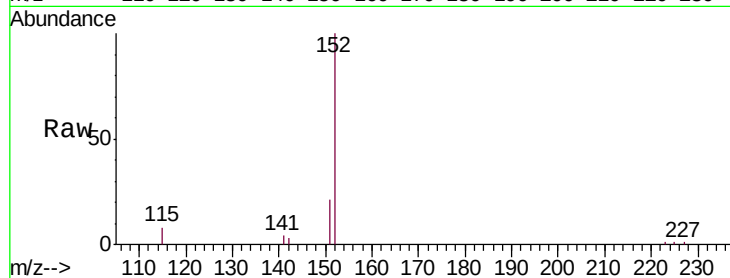
#11
 2-Methylnaphthalene-d10
 Concen: 0.227 ng/ml
 RT: 11.77 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BN007303.D
 Acq: 21 Aug 2019 22:58

Instrument :
 BNA_N
 ClientSampleId :
 S700-N-0.0-0.5-082019MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	26.5	15.2	22.8#

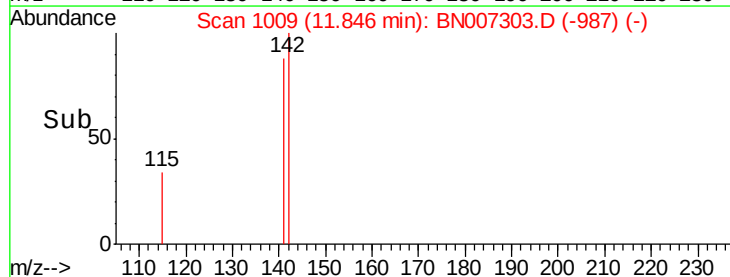
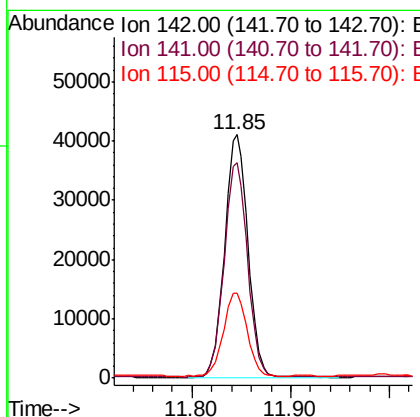
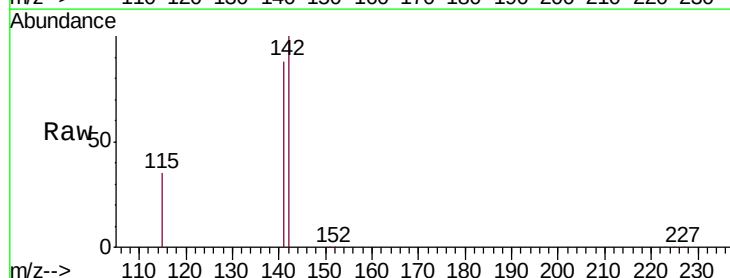
Manual Integrations
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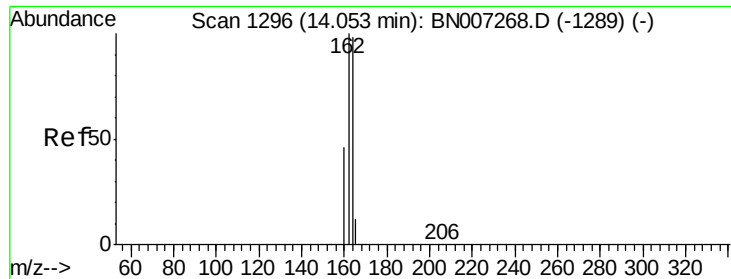
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#12
 2-Methylnaphthalene
 Concen: 1.819 ng/ml
 RT: 11.85 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BN007303.D
 Acq: 21 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.7	106.1
115	34.9	28.1	42.1





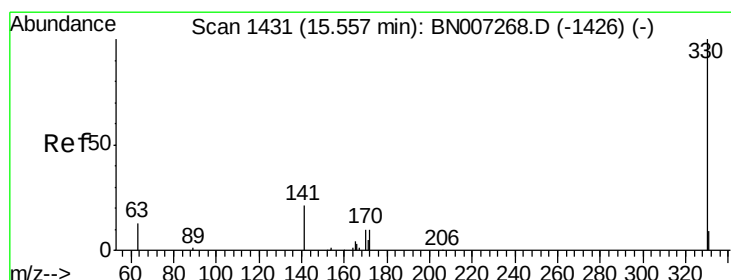
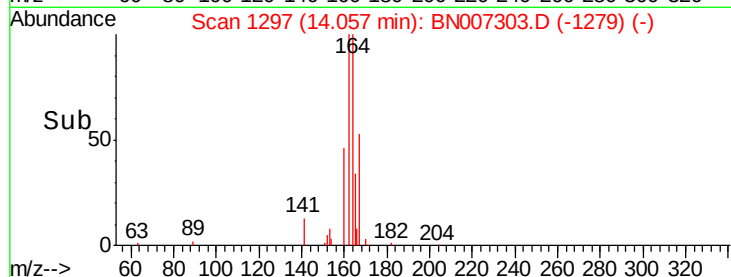
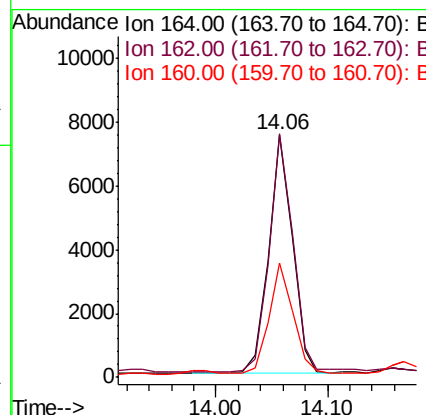
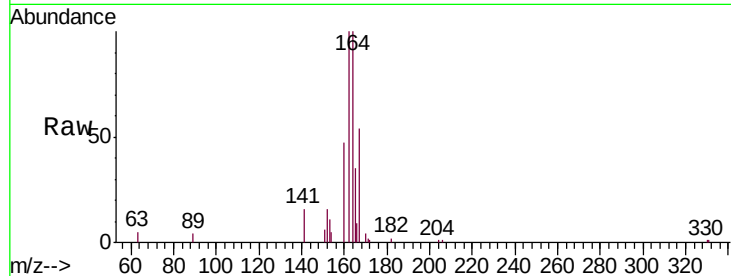
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BN007303.D
Acq: 21 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.0	123.0
160	46.9	38.2	57.4

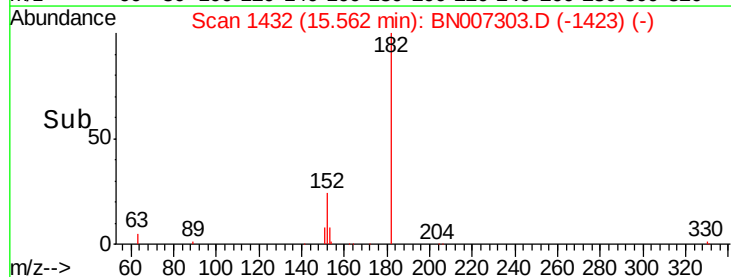
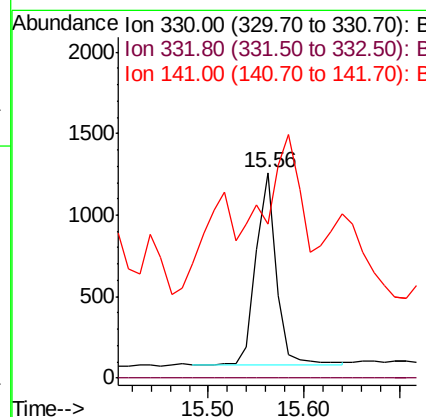
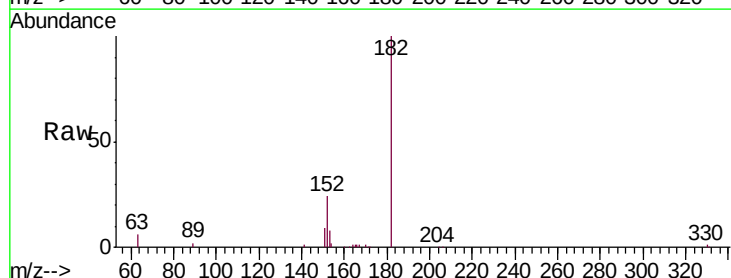
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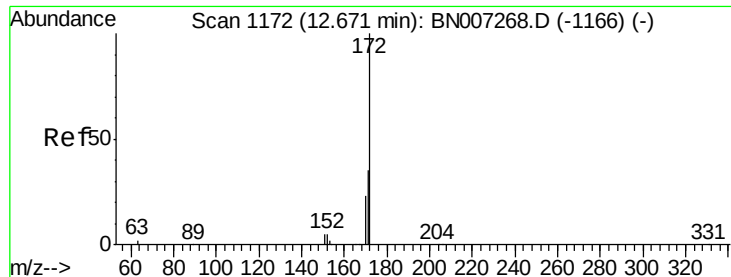
mohammad
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#14
2,4,6-Tribromophenol
Concen: 0.279 ng
RT: 15.56 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BN007303.D
Acq: 21 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	30.3	45.5#





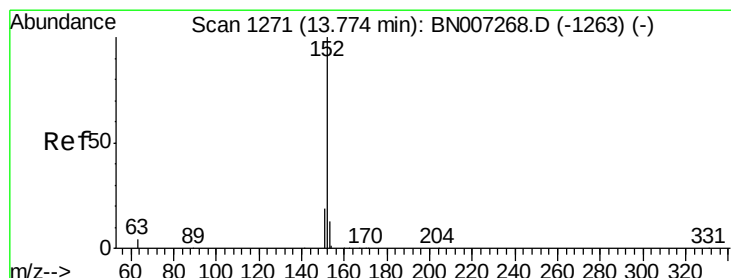
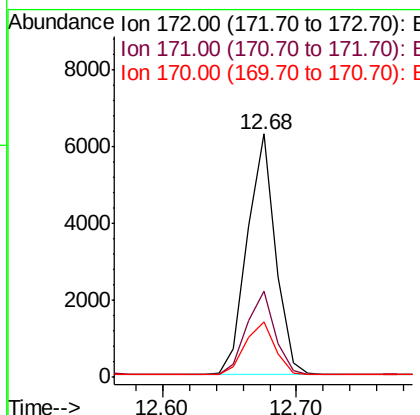
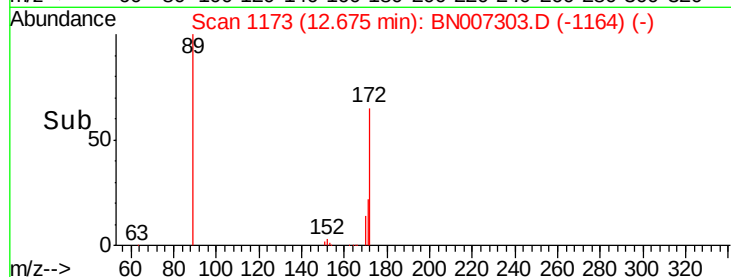
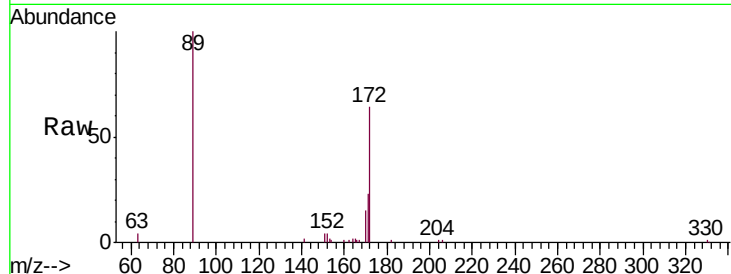
#15
2-Fluorobiphenyl
Concen: 0.191 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007303.D
Acq: 21 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	22.8	18.7	28.1

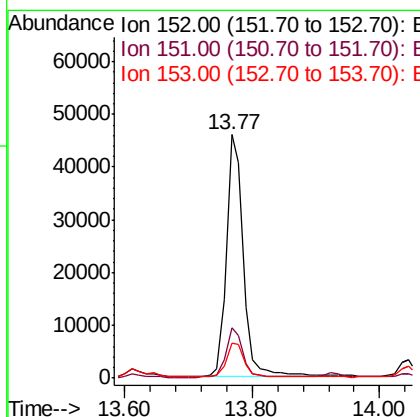
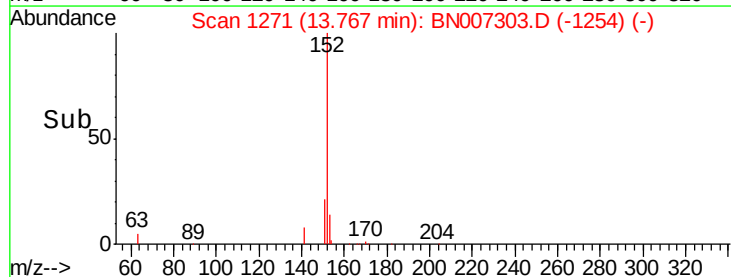
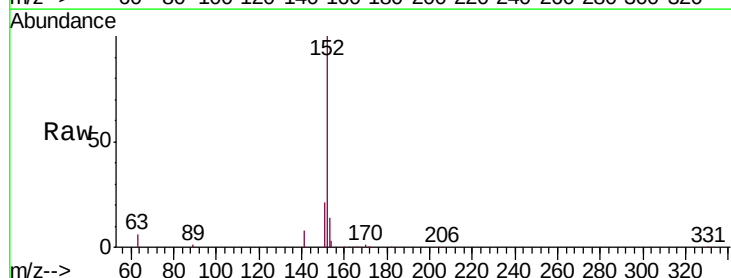
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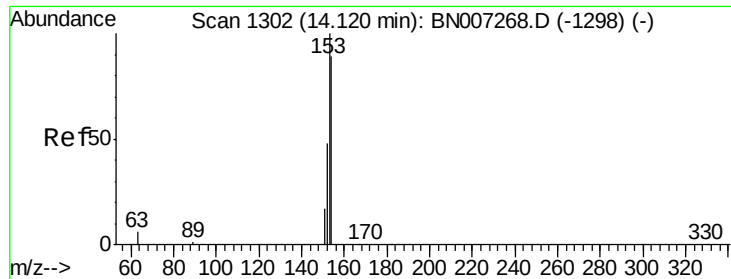
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#16
Acenaphthylene
Concen: 1.415 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007303.D
Acq: 21 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.2
153	14.5	10.1	15.1





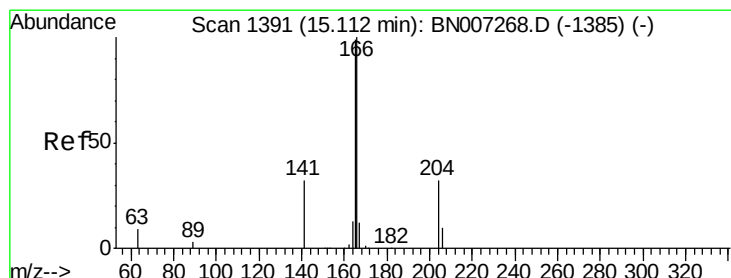
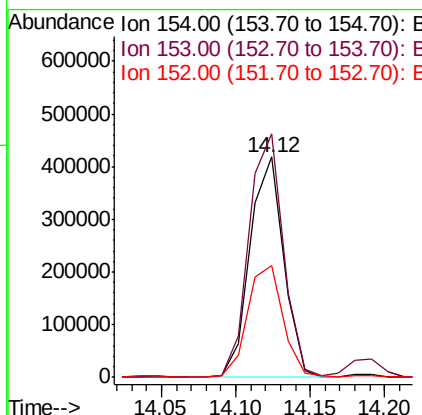
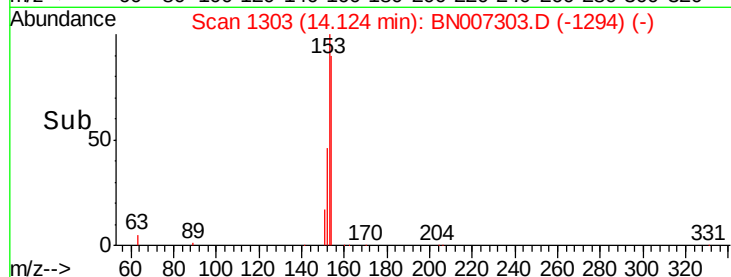
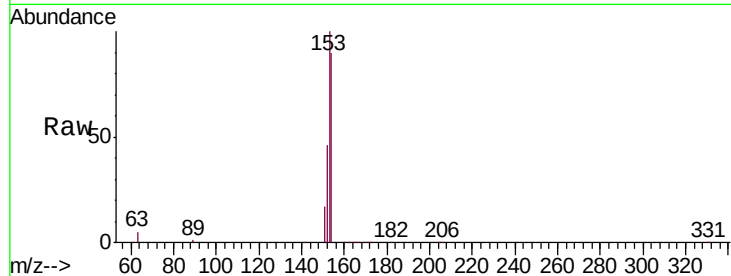
#17
Acenaphthene
Concen: 17.249 ng
RT: 14.12 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BN007303.D
Acq: 21 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.4	89.9	134.9	
152	53.2	43.9	65.9	

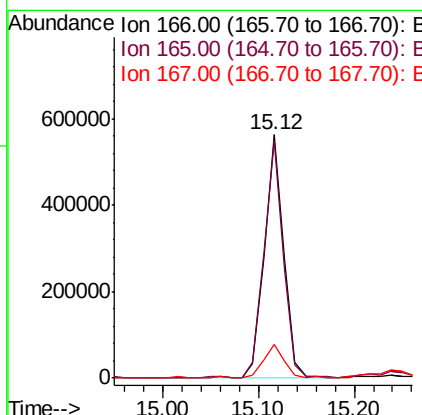
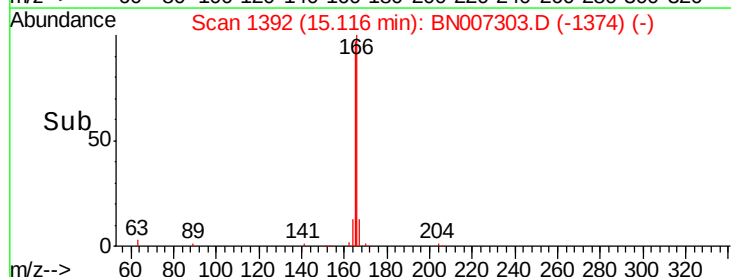
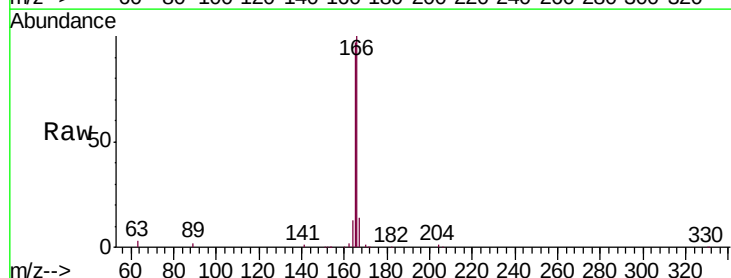
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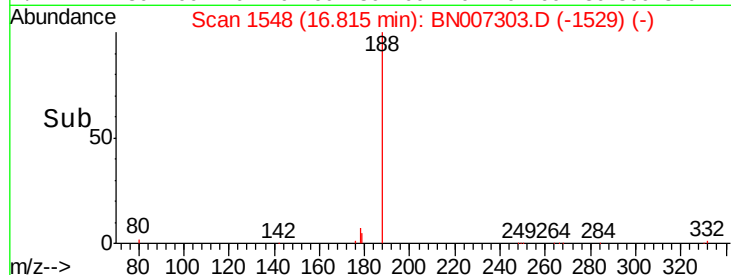
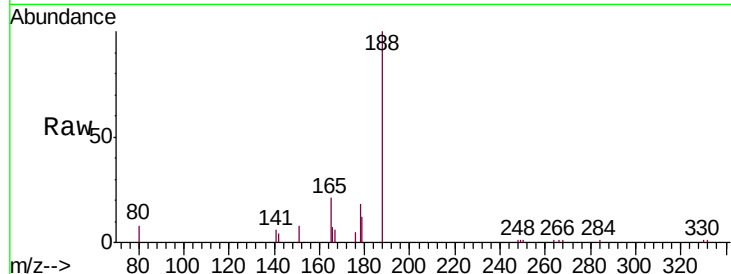
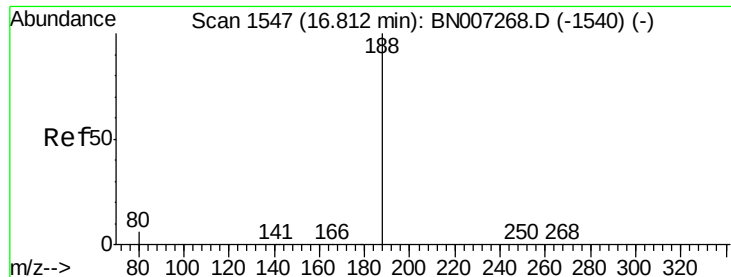
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#18
Fluorene
Concen: 16.137 ng
RT: 15.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BN007303.D
Acq: 21 Aug 2019 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.3	78.3	117.5	
167	14.4	11.1	16.7	





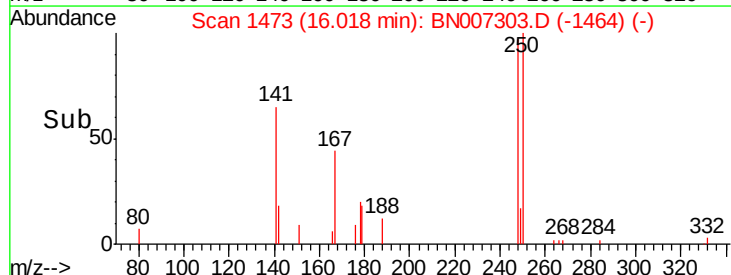
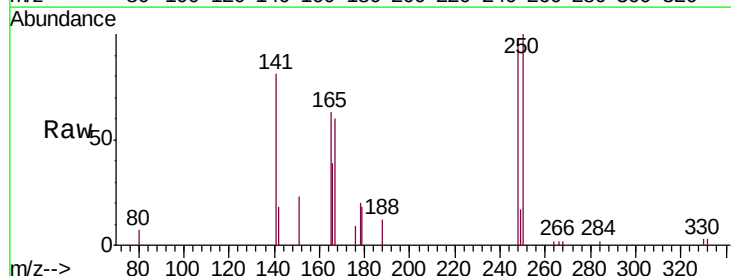
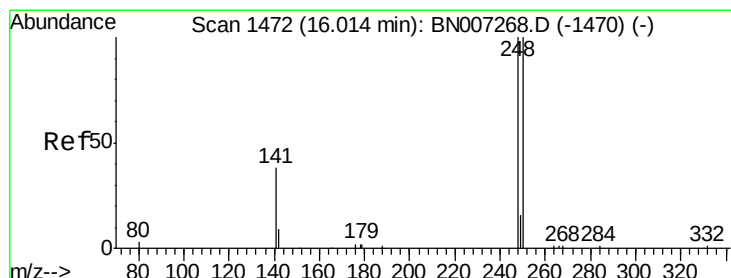
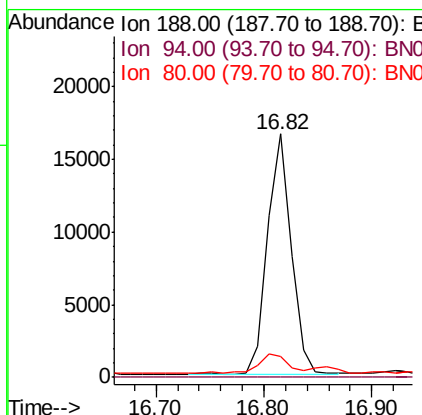
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BN007303.D
Acq: 21 Aug 2019 22:58

Tot Ion:	188	Resp:	25406
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.4	5.2	7.8#

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019MSD

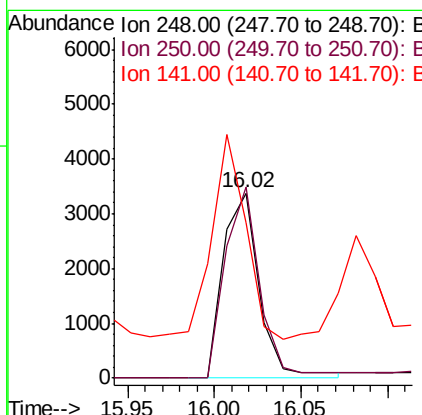
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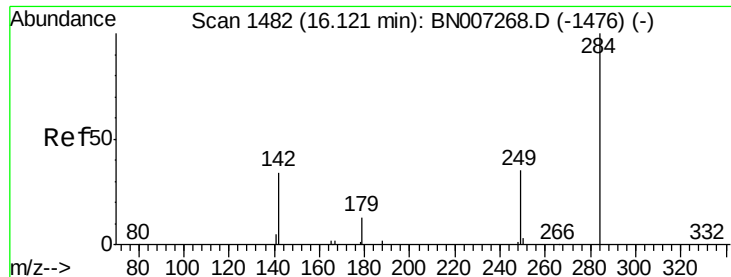
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#20
4-Bromophenyl-phenylether
Concen: 0.336 ng
RT: 16.02 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BN007303.D
Acq: 21 Aug 2019 22:58

Tgt Ion:	248	Resp:	4894
Ion Ratio	Lower	Upper	
248	100		
250	103.4	79.6	119.4
141	84.0	45.1	67.7#





#21

Hexachlorobenzene

Concen: 0.291 ng

RT: 16.14 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BN007303.D

Acq: 21 Aug 2019 22:58

Instrument :

BNA_N

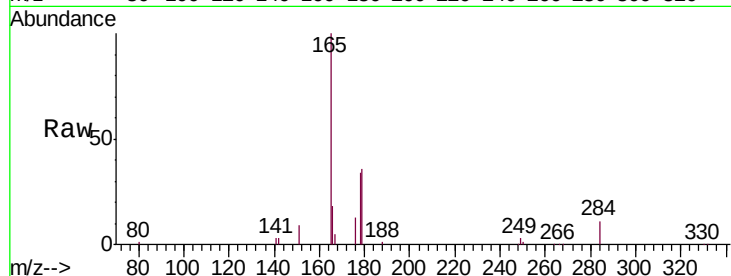
ClientSampleId :

S700-N-0.0-0.5-082019MSD

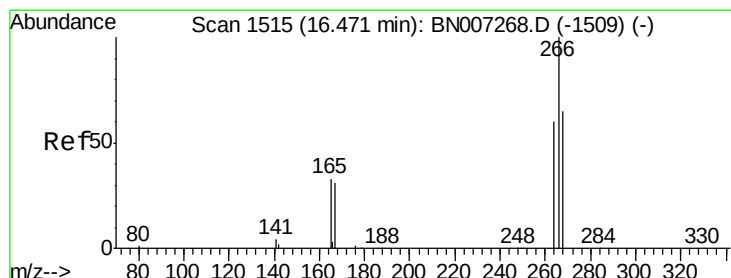
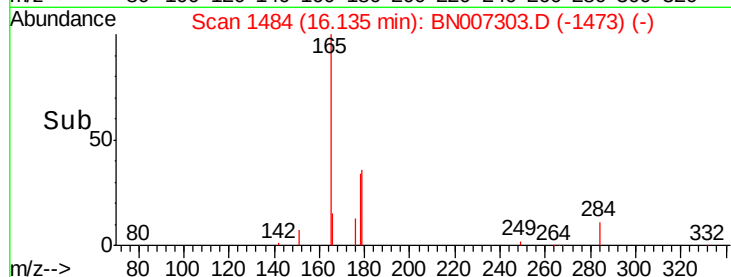
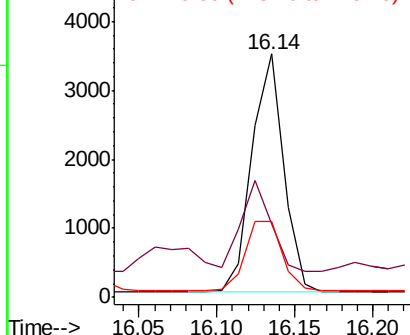
Tot Ion:	284	Resp:	4901
Ion Ratio	Lower	Upper	
284	100		
142	35.0	29.5	44.3
249	33.9	26.2	39.4

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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: 0.936 ng

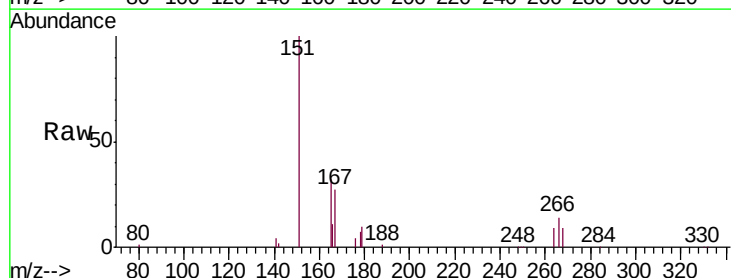
RT: 16.48 min Scan# 1516

Delta R.T. 0.00 min

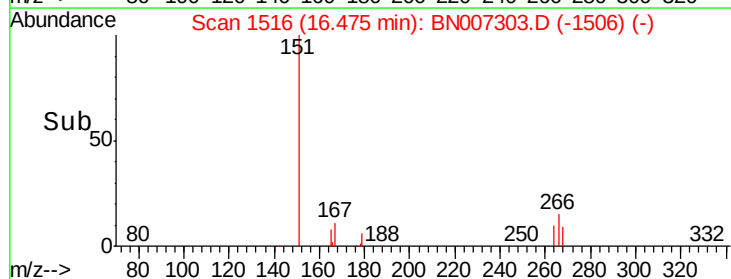
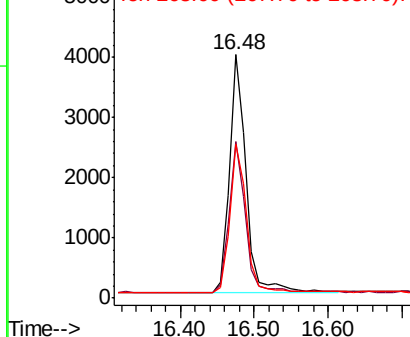
Lab File: BN007303.D

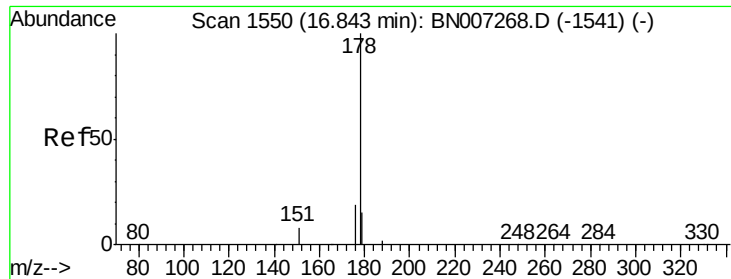
Acq: 21 Aug 2019 22:58

Tgt Ion:	266	Resp:	6327
Ion Ratio	Lower	Upper	
266	100		
264	64.1	48.7	73.1
268	63.5	53.5	80.3



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: 155.432 ng

RT: 16.86 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BN007303.D

Acq: 21 Aug 2019 22:58

Instrument :

BNA_N

ClientSampleId :

S700-N-0.0-0.5-082019MSD

Tot Ion:178 Resp:12376882

Ion Ratio Lower Upper

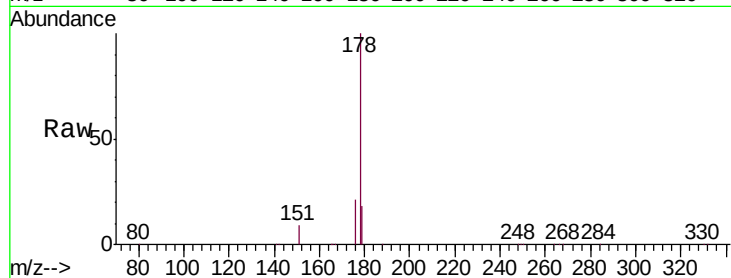
178 100

176 20.1 15.2 22.8

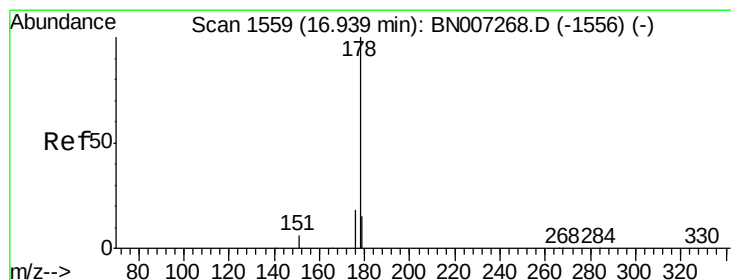
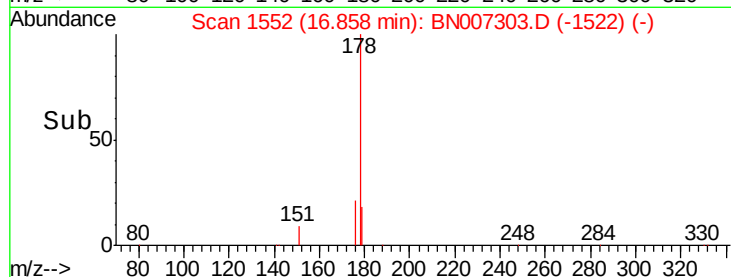
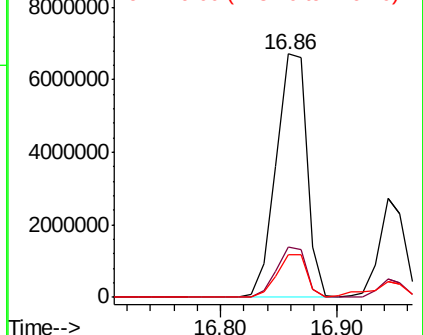
179 17.3 12.3 18.5

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 57.920 ng

RT: 16.94 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BN007303.D

Acq: 21 Aug 2019 22:58

Tgt Ion:178 Resp: 4152895

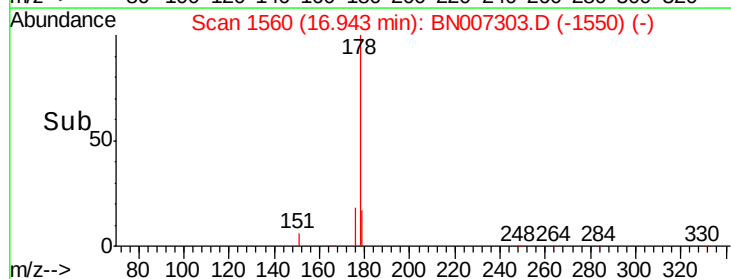
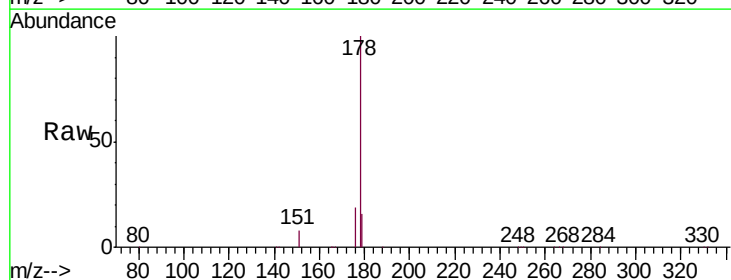
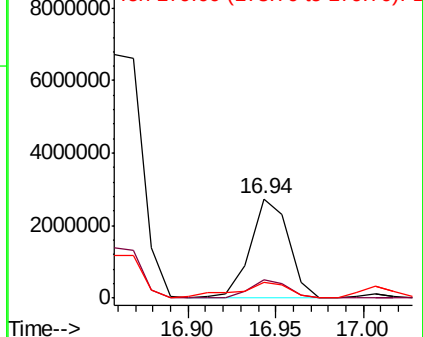
Ion Ratio Lower Upper

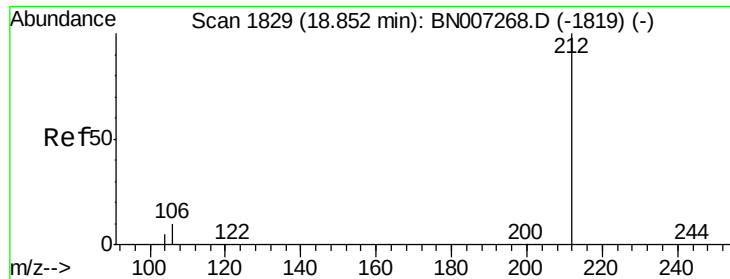
178 100

176 18.4 14.3 21.5

179 21.6 12.3 18.5#

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.194 ng m

RT: 18.86 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BN007303.D

Acq: 21 Aug 2019 22:58

Instrument :

BNA_N

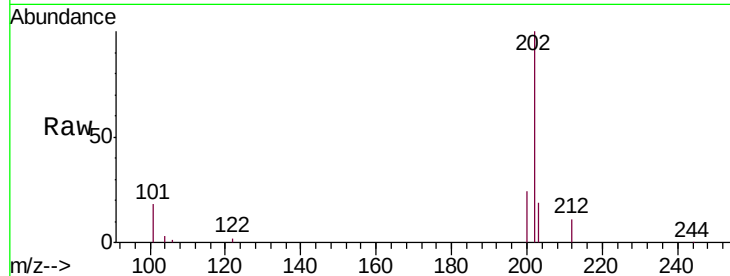
ClientSampleId :

S700-N-0.0-0.5-082019MSD

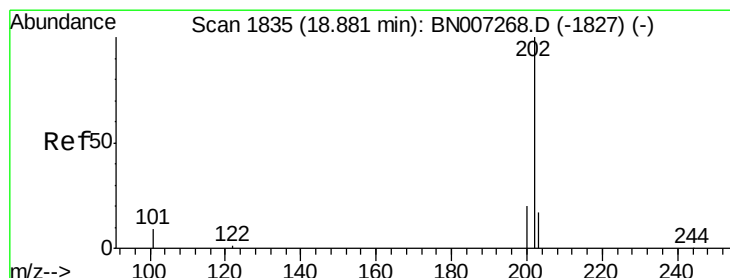
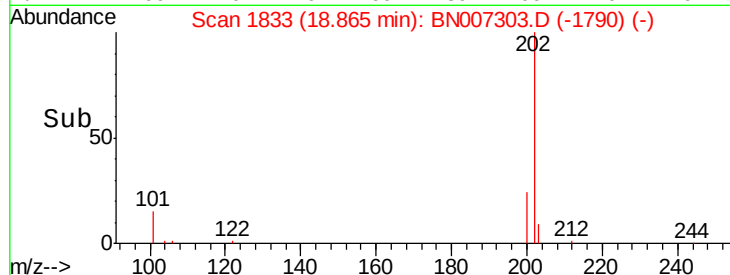
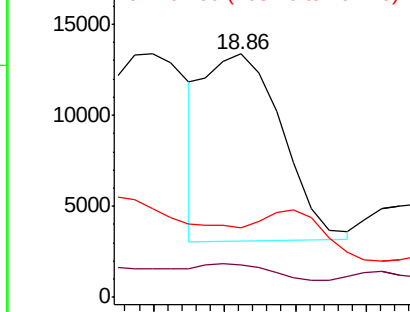
Tot Ion:	212	Resp:	15630
Ion Ratio	Lower	Upper	
212	100		
106	0.0	8.2	12.4#
104	0.0	4.7	7.1#

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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: 201.663 ng m

RT: 18.89 min Scan# 1839

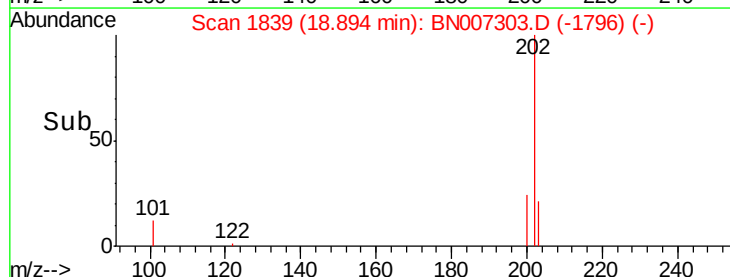
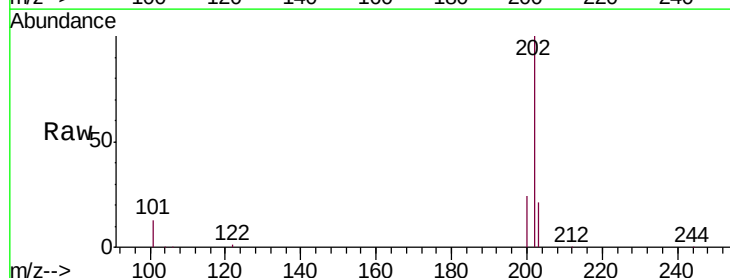
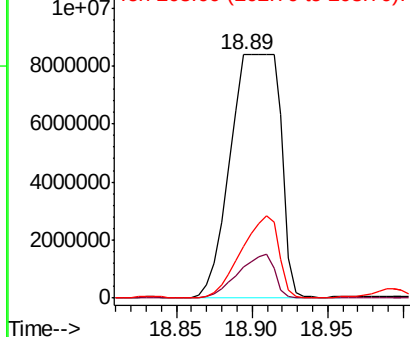
Delta R.T. 0.01 min

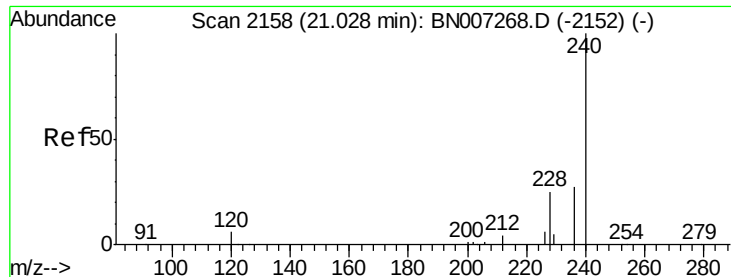
Lab File: BN007303.D

Acq: 21 Aug 2019 22:58

Tgt Ion:	202	Resp:	19450815
Ion Ratio	Lower	Upper	
202	100		
101	0.0	7.2	10.8#
203	0.0	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





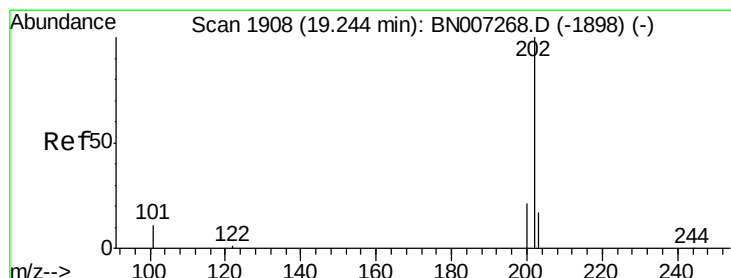
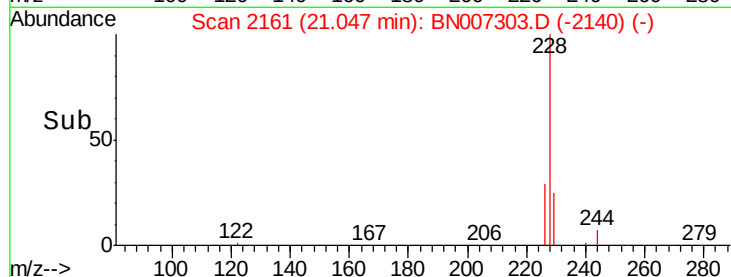
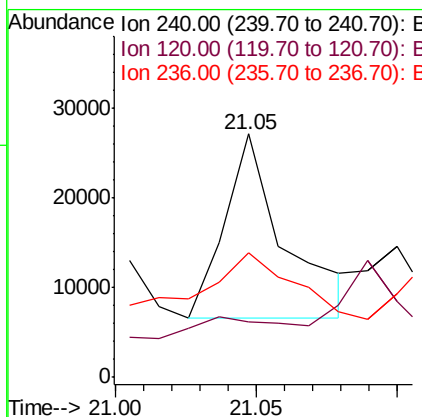
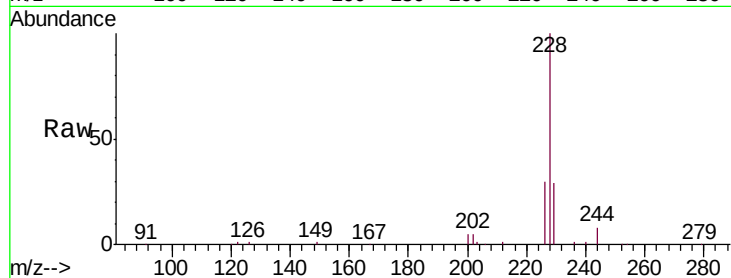
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2161
Delta R.T. 0.02 min
Lab File: BN007303.D
Acq: 21 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	22.8	5.6	8.4#
236	51.2	21.6	32.4#

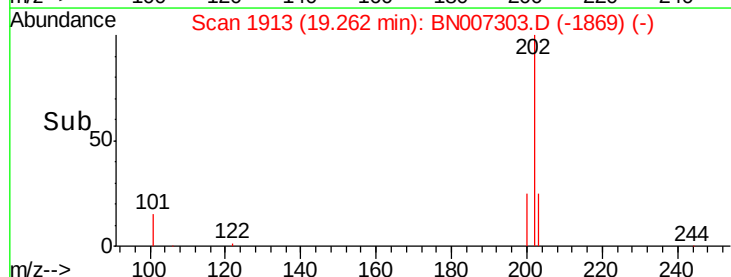
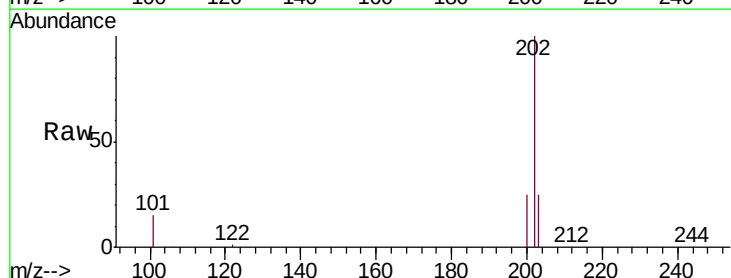
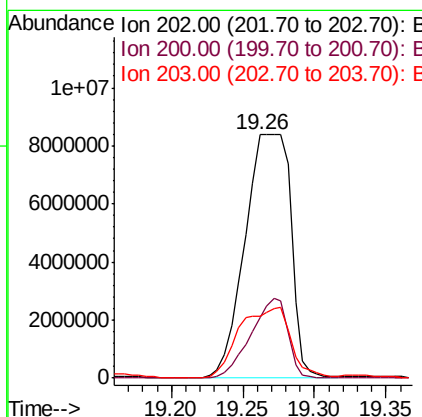
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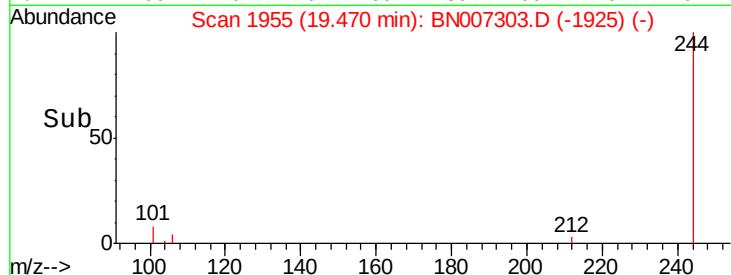
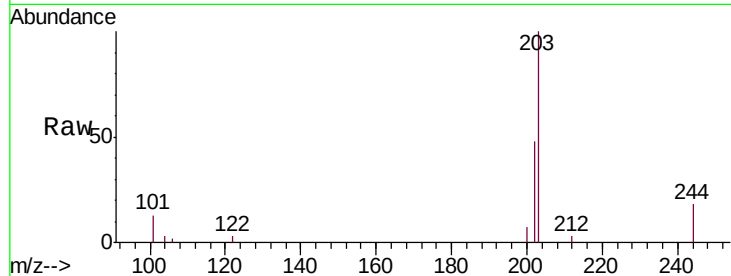
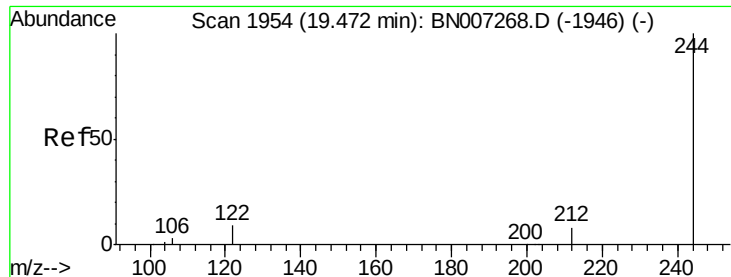
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#28
Pyrene
Concen: 161.483 ng
RT: 19.26 min Scan# 1913
Delta R.T. 0.02 min
Lab File: BN007303.D
Acq: 21 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	26.5	16.7	25.1#
203	32.6	13.9	20.9#





#29

Terphenyl-d14

Concen: 0.353 ng

RT: 19.47 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BN007303.D

Acq: 21 Aug 2019 22:58

Tot Ion	Ratio	Lower	Upper
244	100		
212	17.4	6.5	9.7#
122	15.4	7.9	11.9#

Instrument :

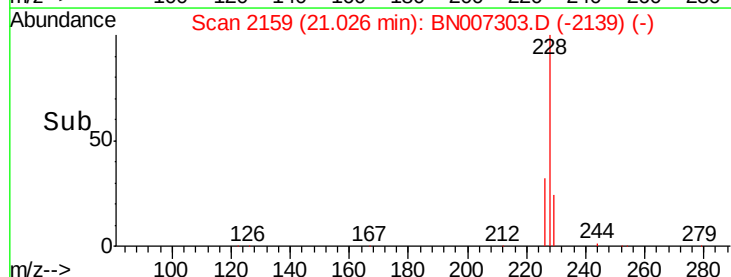
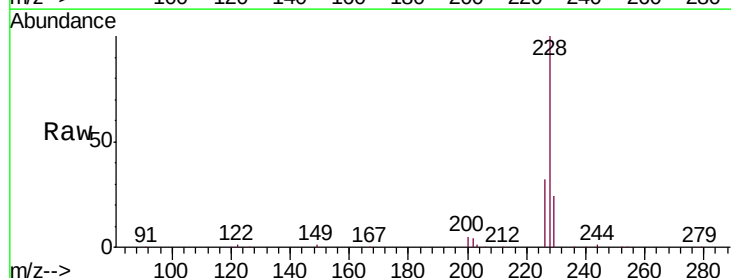
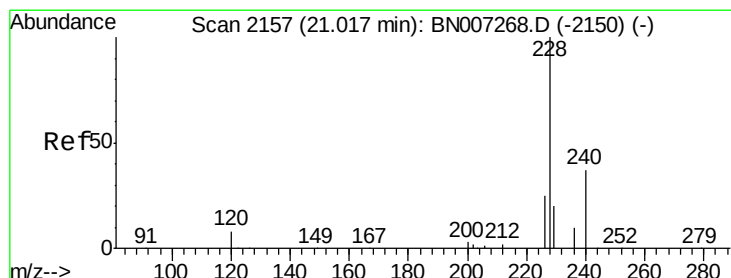
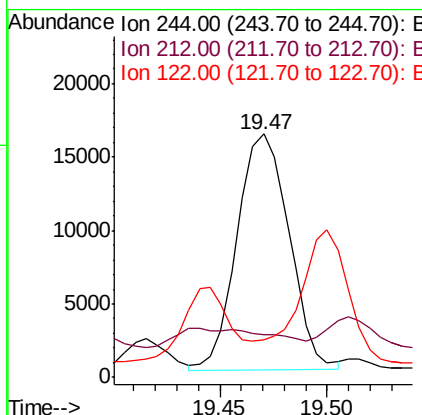
BNA_N

ClientSampleId :

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#30

Benzo(a)anthracene

Concen: 120.917 ng

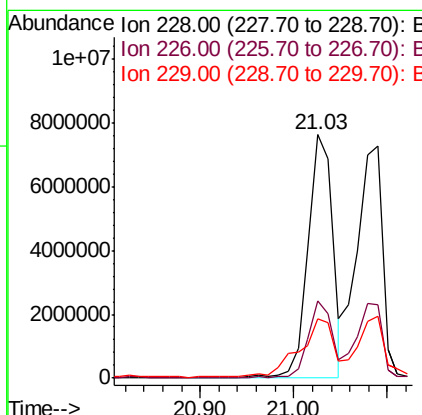
RT: 21.03 min Scan# 2159

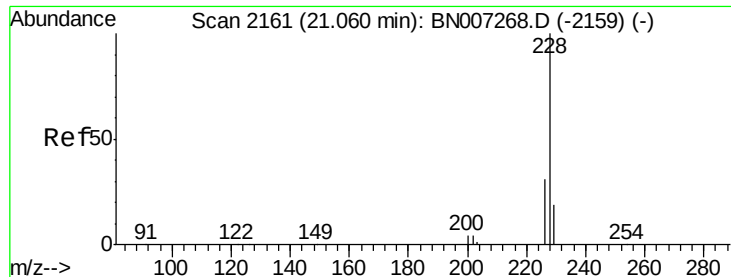
Delta R.T. 0.01 min

Lab File: BN007303.D

Acq: 21 Aug 2019 22:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	20.6	30.8#
229	24.4	16.9	25.3





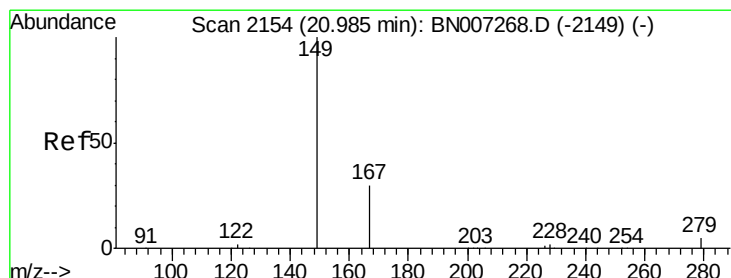
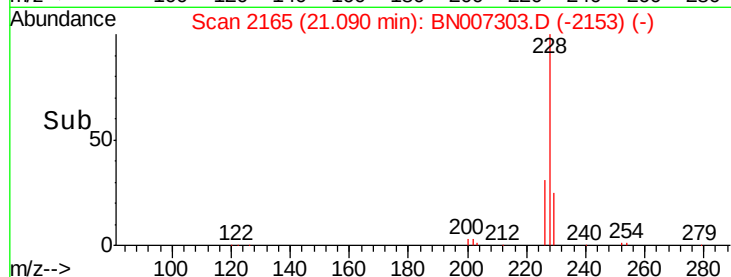
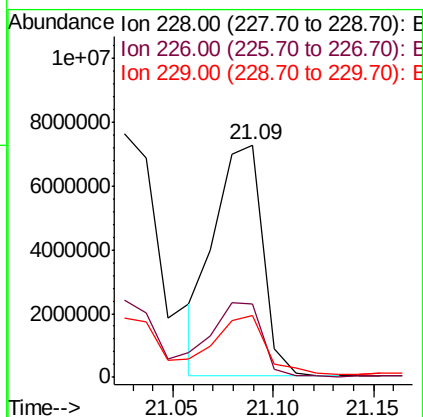
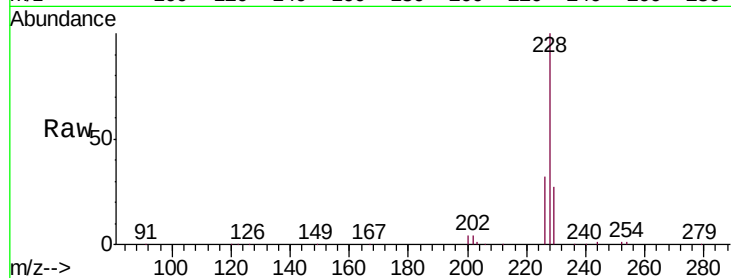
#31
Chrysene
Concen: 104.164 ng
RT: 21.09 min Scan# 2165
Delta R.T. 0.03 min
Lab File: BN007303.D
Acq: 21 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019MSD

Tot Ion:228 Resp:12180515
Ion Ratio Lower Upper
228 100
226 31.5 24.6 36.8
229 26.8 15.6 23.4#

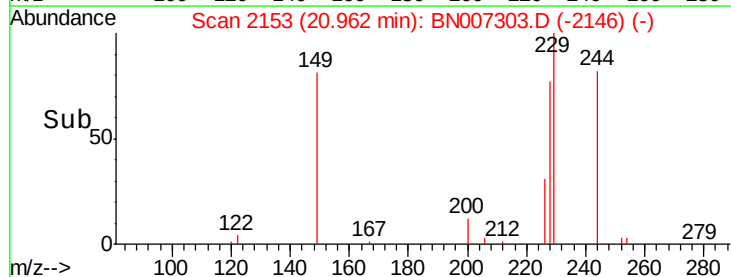
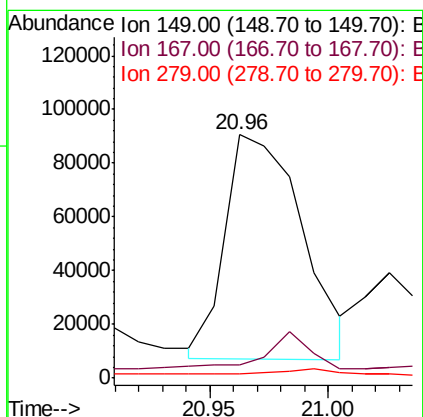
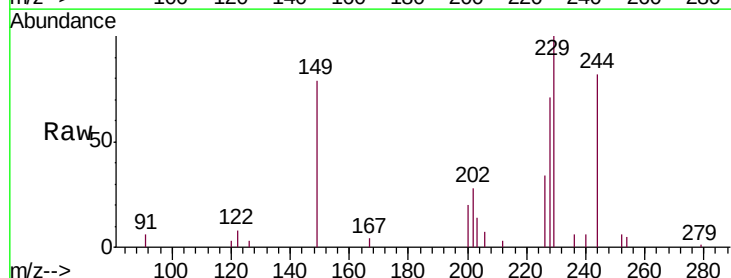
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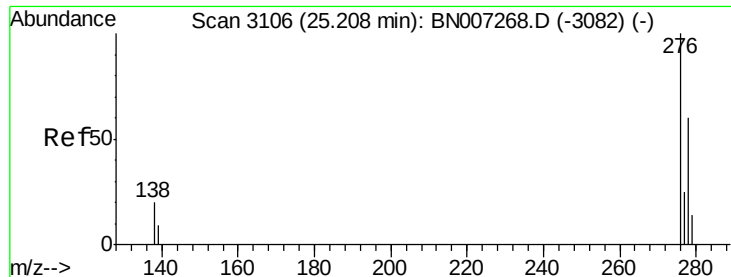
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#32
Bis(2-ethylhexyl)phthalate
Concen: 4.146 ng m
RT: 20.96 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BN007303.D
Acq: 21 Aug 2019 22:58

Tgt Ion:149 Resp: 189865
Ion Ratio Lower Upper
149 100
167 1.5 23.8 35.6#
279 0.0 3.8 5.8#





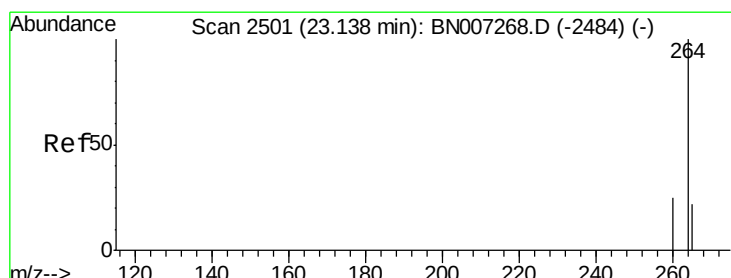
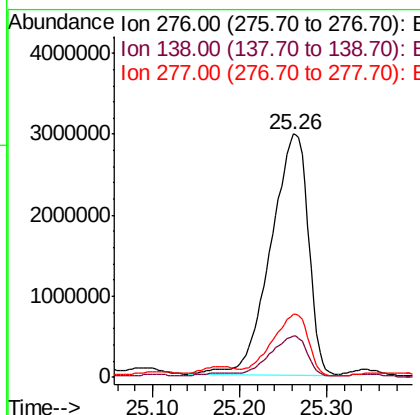
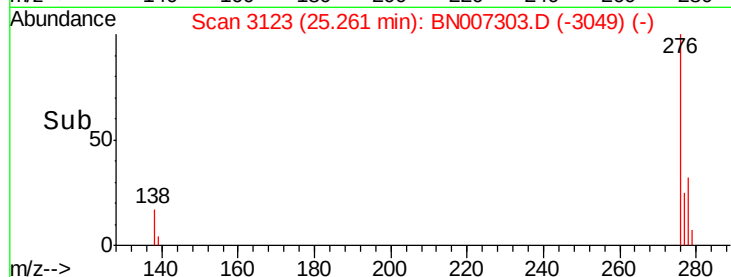
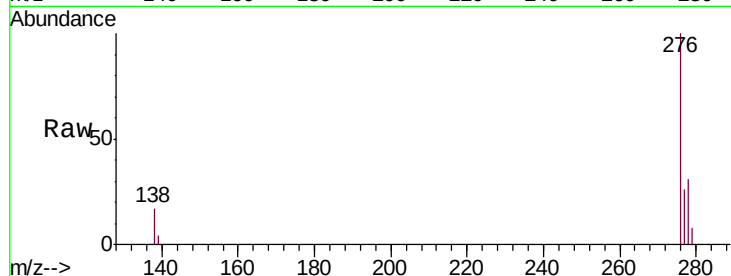
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 63.886 ng
 RT: 25.26 min Scan# 3123
 Delta R.T. 0.05 min
 Lab File: BN007303.D
 Acq: 21 Aug 2019 22:58

Instrument :
 BNA_N
 ClientSampleId :
 S700-N-0.0-0.5-082019MSD

Tot Ion:276 Resp: 8989148
 Ion Ratio Lower Upper
 276 100
 138 16.5 17.1 25.7#
 277 24.9 20.1 30.1

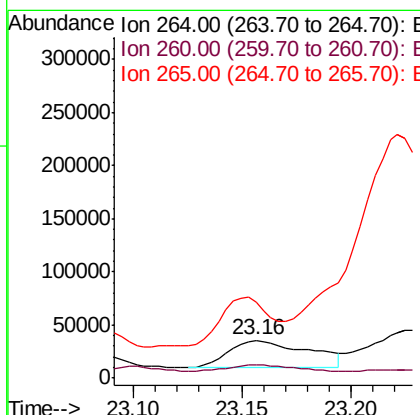
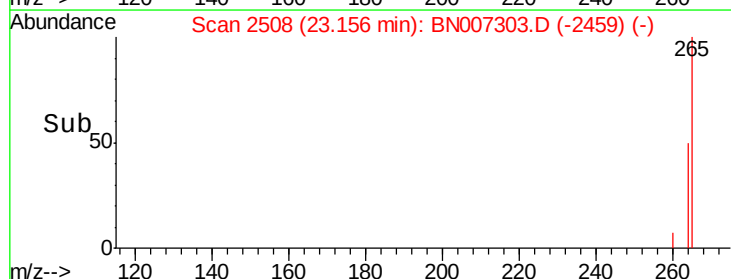
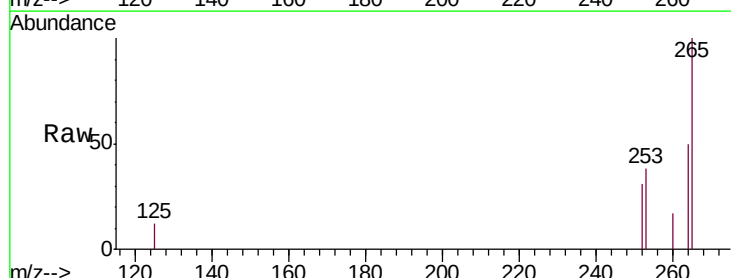
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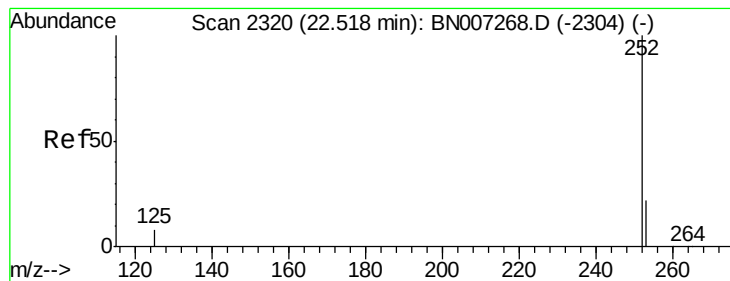
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.16 min Scan# 2508
 Delta R.T. 0.02 min
 Lab File: BN007303.D
 Acq: 21 Aug 2019 22:58

Tgt Ion:264 Resp: 64431
 Ion Ratio Lower Upper
 264 100
 260 34.3 20.1 30.1#
 265 200.7 29.0 43.6#





#35

Benzo(b)fluoranthene

Concen: 71.277 ng

RT: 22.55 min Scan# 2332

Delta R.T. 0.04 min

Lab File: BN007303.D

Acq: 21 Aug 2019 22:58

Instrument :

BNA_N

ClientSampleId :

S700-N-0.0-0.5-082019MSD

Tot Ion:252 Resp:17120732

Ion Ratio Lower Upper

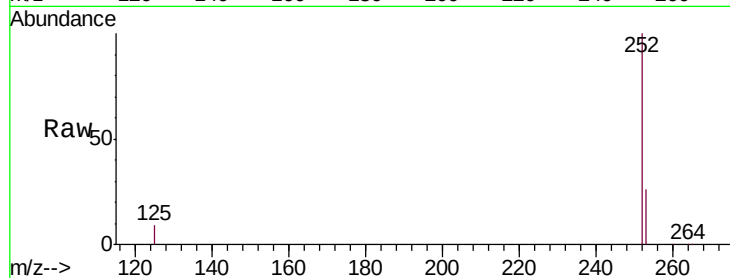
252 100

253 25.9 18.5 27.7

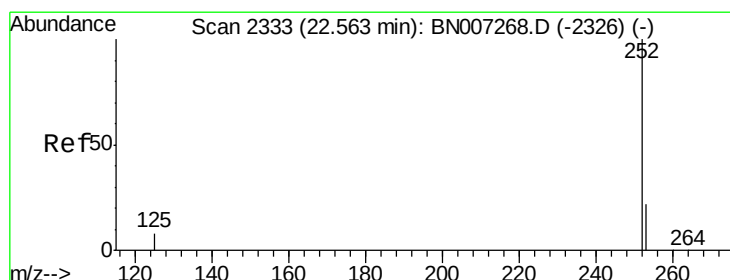
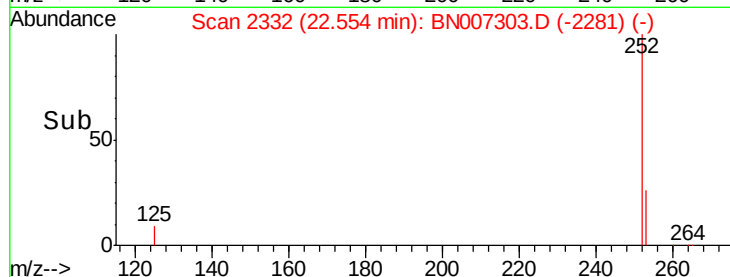
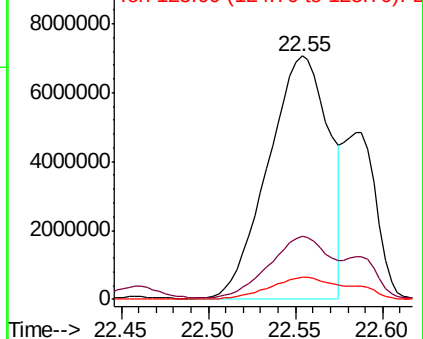
125 9.0 7.8 11.6

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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



#36

Benzo(k)fluoranthene

Concen: 27.015 ng m

RT: 22.58 min Scan# 2341

Delta R.T. 0.02 min

Lab File: BN007303.D

Acq: 21 Aug 2019 22:58

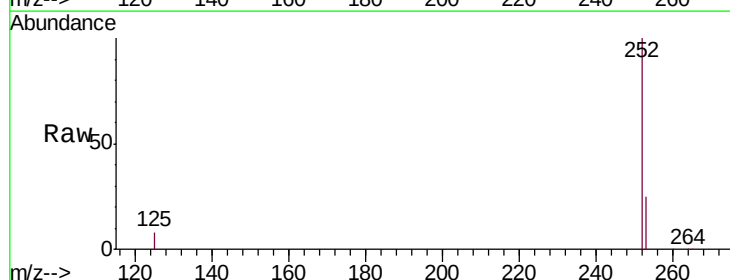
Tgt Ion:252 Resp: 6357131

Ion Ratio Lower Upper

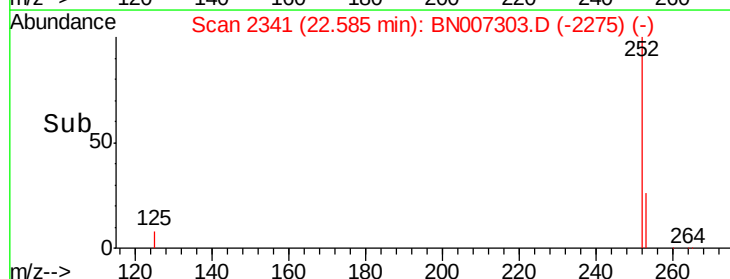
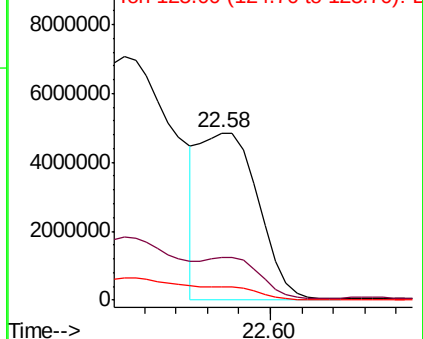
252 100

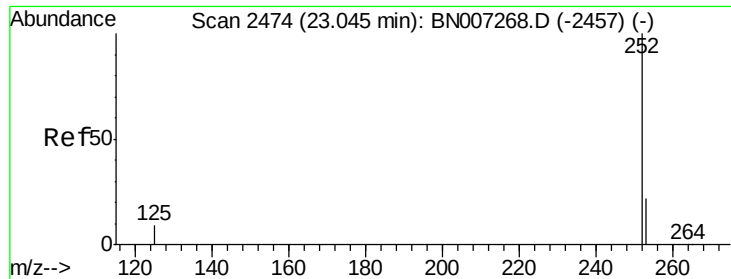
253 25.4 18.4 27.6

125 8.2 8.0 12.0



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





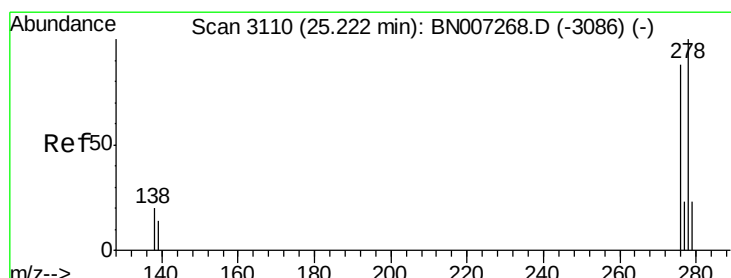
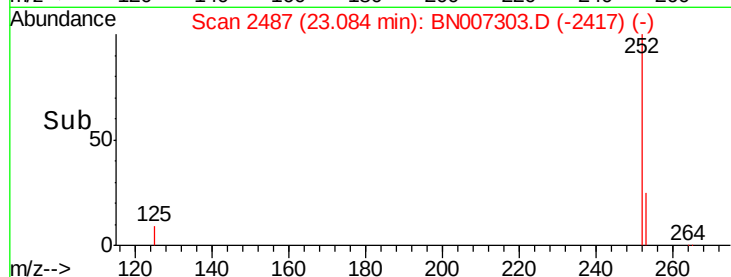
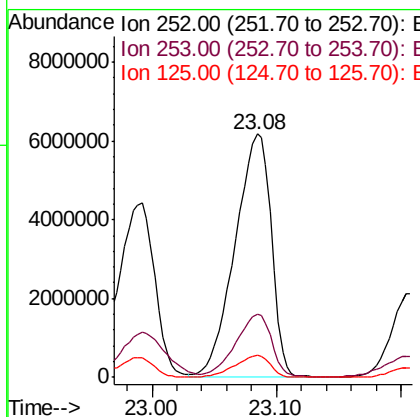
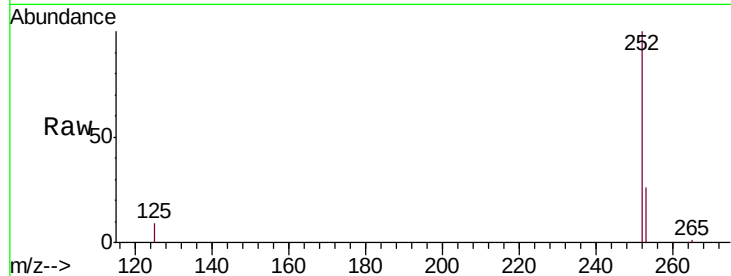
#37
Benzo(a)pyrene
Concen: 57.180 ng
RT: 23.08 min Scan# 2487
Delta R.T. 0.04 min
Lab File: BN007303.D
Acq: 21 Aug 2019 22:58

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019MSD

Tot Ion:252 Resp:12378291
Ion Ratio Lower Upper
252 100
253 25.8 18.7 28.1
125 8.9 8.7 13.1

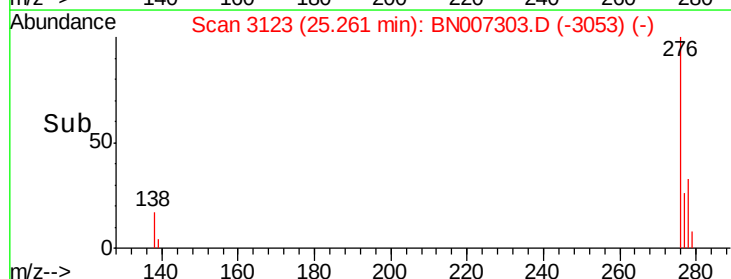
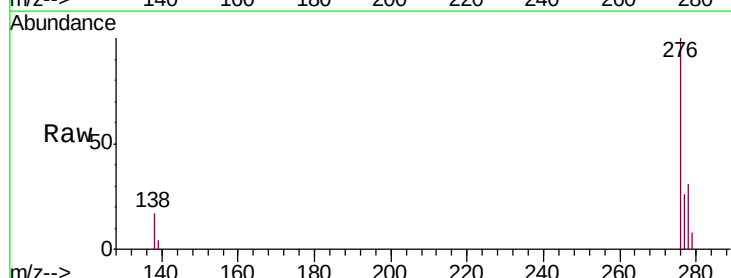
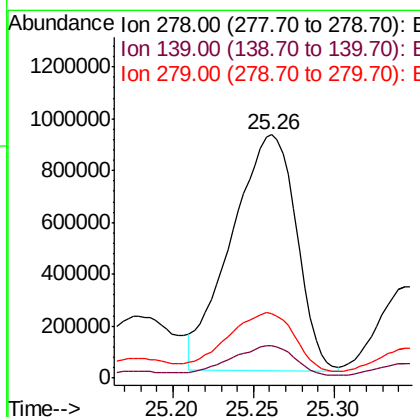
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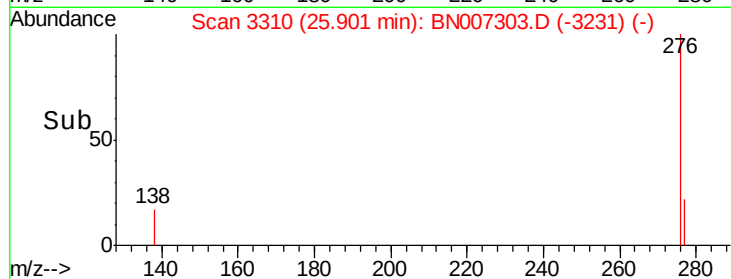
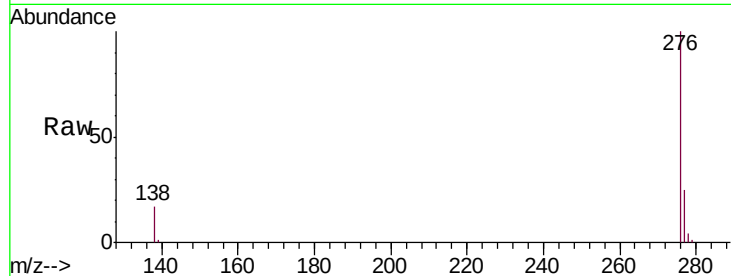
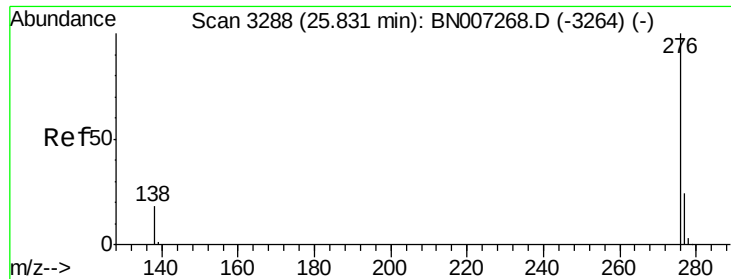
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#38
Dibenzo(a,h)anthracene
Concen: 11.169 ng
RT: 25.26 min Scan# 3123
Delta R.T. 0.04 min
Lab File: BN007303.D
Acq: 21 Aug 2019 22:58

Tgt Ion:278 Resp: 2540167
Ion Ratio Lower Upper
278 100
139 13.1 11.8 17.8
279 26.6 19.8 29.6





#39

Benzo(a,h,i)perylene

Concen: 36.954 ng

RT: 25.90 min Scan# 3310

Delta R.T. 0.07 min

Lab File: BN007303.D

Acq: 21 Aug 2019 22:58

Tot Ion:	276	Resp:	8494935
Ion Ratio	Lower	Upper	
276	100		
277	25.4	19.5	29.3
138	17.0	15.3	22.9

Instrument :

BNA_N

ClientSampleId :

S700-N-0.0-0.5-082019MSD

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