

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
 Data File : BN007417.D
 Acq On : 26 Aug 2019 19:37
 Operator : HP/JU
 Sample : K4514-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S602-M-1.0-1.5-082319MSD

Manual Integrations
 APPROVED

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 8/30/2019 8:57:15 AM

Quant Time: Aug 27 06:47:32 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Aug 24 00:38:17 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4950	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	20120	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	12289	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	22911	0.40	ng	0.00
27) Chrysene-d12	21.03	240	21985	0.40	ng	0.00
34) Perylene-d12	23.13	264	25449	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.04	112	8070	0.47	ng	0.00
5) Phenol-d6	6.59	99	10884	0.51	ng	0.00
8) Nitrobenzene-d5	8.53	82	7843	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	15797m	0.47	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	3156	0.49	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	19098	0.39	ng	0.00
25) Fluoranthene-d10	18.84	212	30749	0.42	ng	0.00
29) Terphenyl-d14	19.47	244	21994	0.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.01	88	2409	0.293	ng	# 93
3) n-Nitrosodimethylamine	3.32	42	1289	0.337	ng	# 55
6) bis(2-Chloroethyl)ether	6.84	93	7775	0.435	ng	97
9) Naphthalene	10.20	128	32083	0.558	ng	# 90
10) Hexachlorobutadiene	10.51	225	4941	0.420	ng	# 98
12) 2-Methylnaphthalene	11.83	142	28820	0.736	ng	97
16) Acenaphthylene	13.76	152	42605	0.586	ng	95
17) Acenaphthene	14.11	154	42082	0.989	ng	99
18) Fluorene	15.10	166	51991	0.966	ng	97
20) 4-Bromophenyl-phenylether	16.01	248	4525	0.501	ng	# 90
21) Hexachlorobenzene	16.11	284	7027	0.458	ng	96
22) Pentachlorophenol	16.46	266	4857	1.018	ng	# 63
23) Phenanthrene	16.84	178	406011	5.891	ng	99
24) Anthracene	16.93	178	119304	1.721	ng	# 96
26) Fluoranthene	18.87	202	1181165	13.349	ng	99
28) Pyrene	19.24	202	1026500	11.607	ng	# 94
30) Benzo(a)anthracene	21.00	228	627054	7.263	ng	98
31) Chrysene	21.06	228	611292	7.335	ng	98
32) Bis(2-ethylhexyl)phthalate	20.97	149	37586	0.654	ng	99
33) Indeno(1,2,3-cd)pyrene	25.20	276	506582	5.046	ng	98
35) Benzo(b)fluoranthene	22.51	252	933898	10.128	ng	# 96
36) Benzo(k)fluoranthene	22.55	252	319808m	3.509	ng	
37) Benzo(a)pyrene	23.04	252	656871m	7.486	ng	
38) Dibenzo(a,h)anthracene	25.21	278	153331	1.751	ng	# 89
39) Benzo(g,h,i)perylene	25.83	276	491882	5.639	ng	96

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

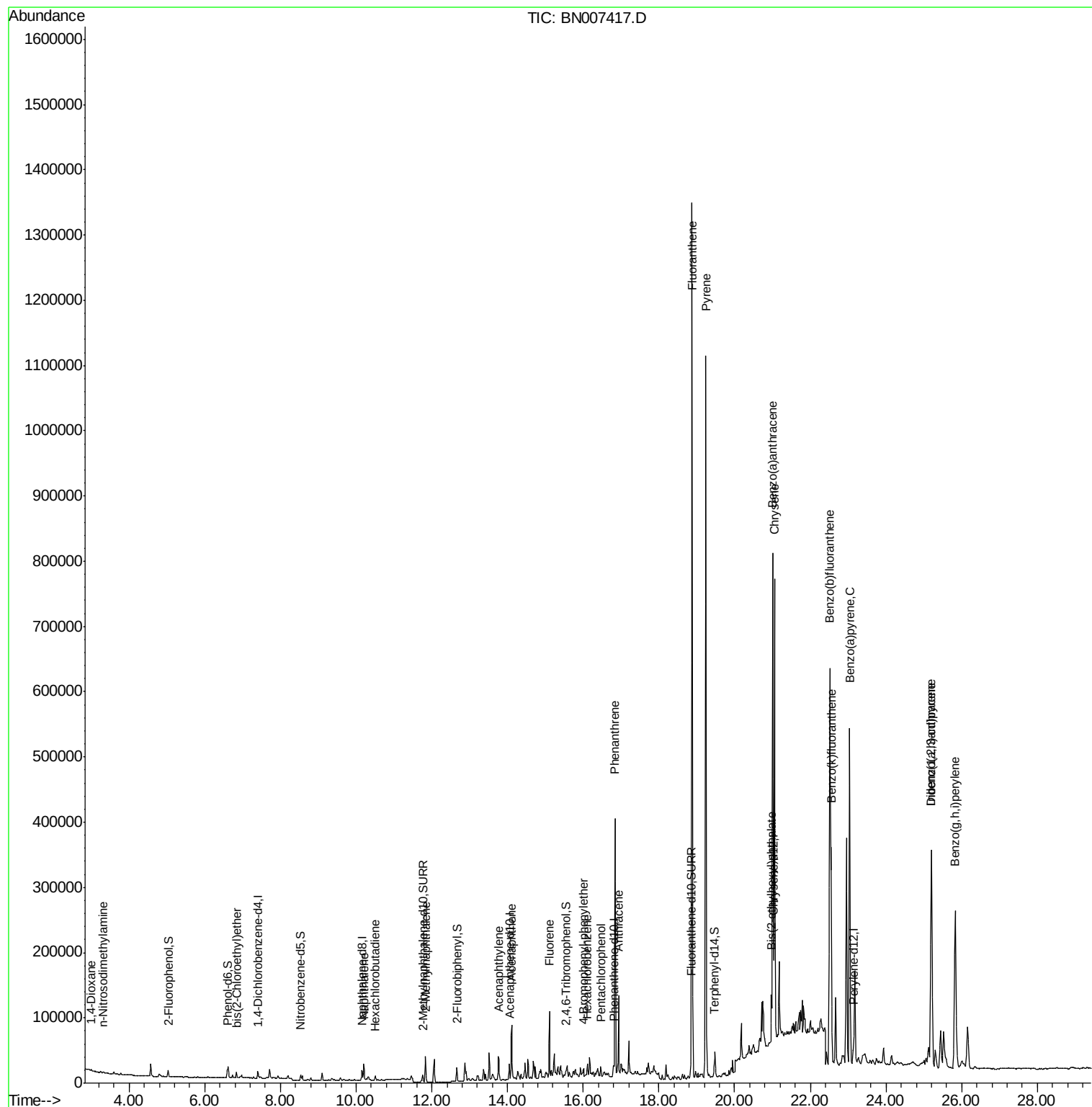
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
Data File : BN007417.D
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Sample : K4514-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

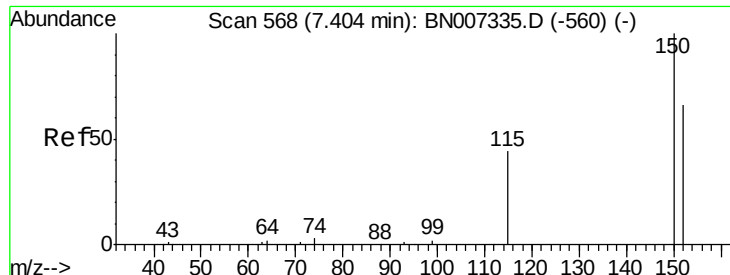
Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

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#1

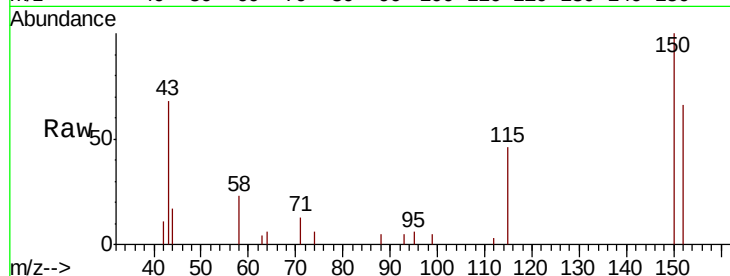
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	109.1	163.7
115	69.3	59.6	89.4

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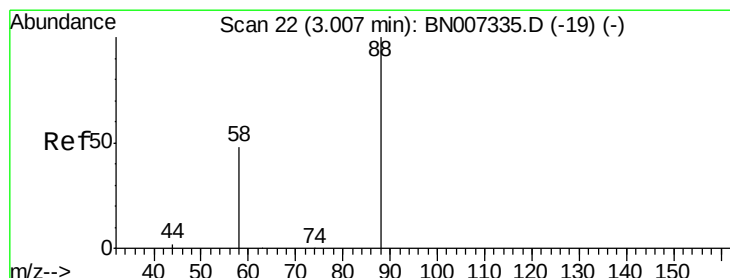
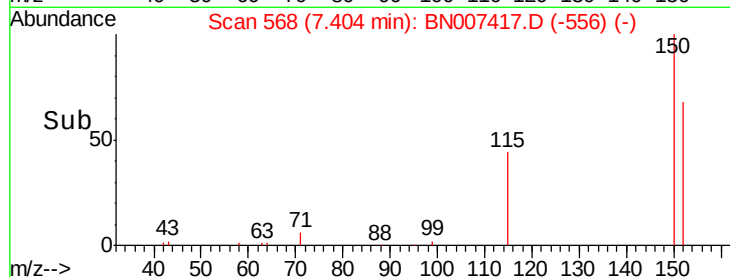
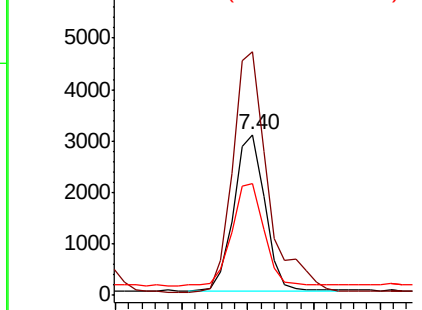


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

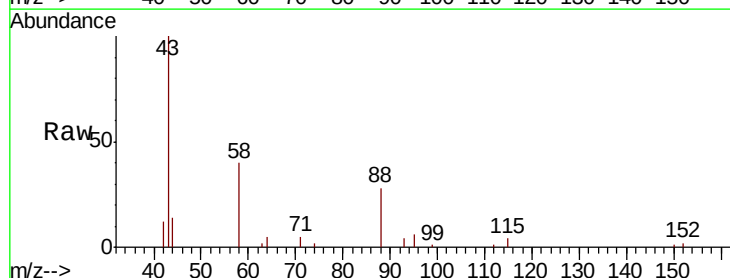
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.293 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	50.5	75.7
43	0.0	0.0	0.0

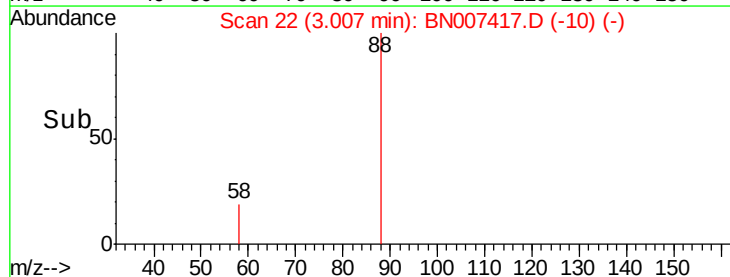
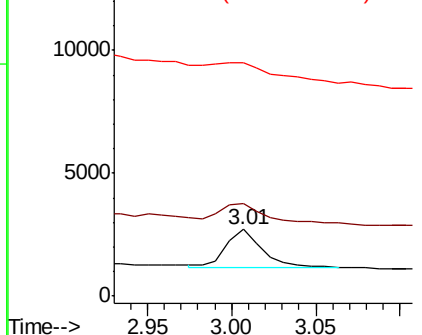


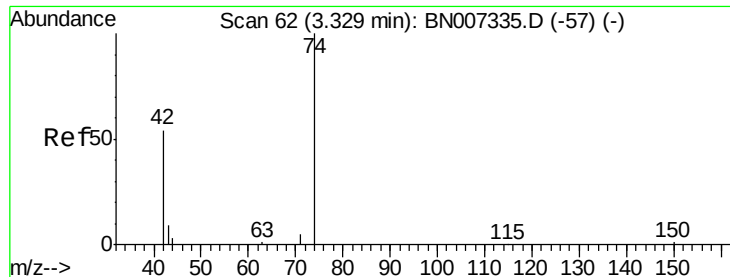
Abundance

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: 0.337 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

Instrument :

BNA_N

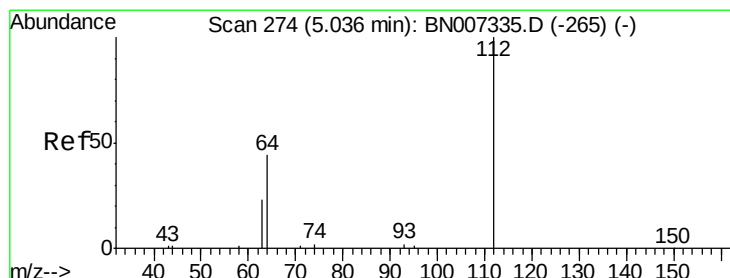
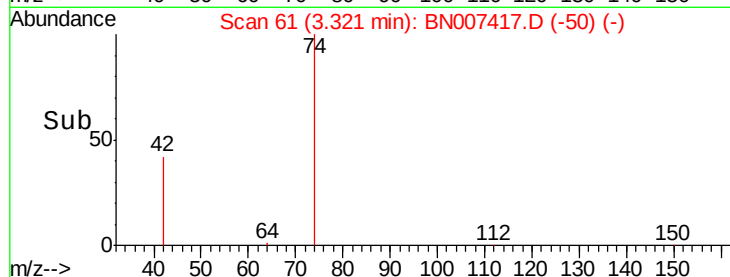
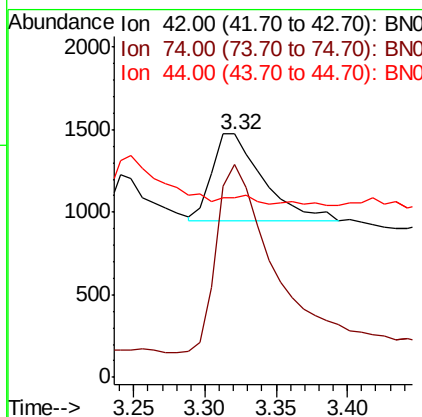
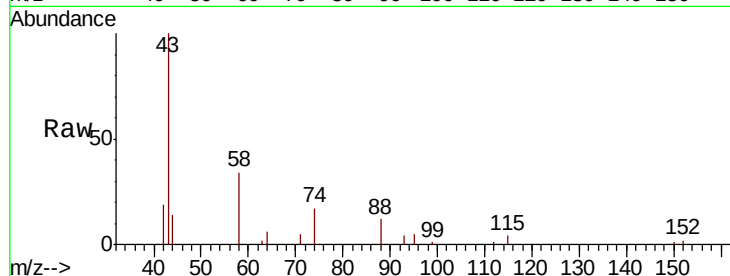
ClientSampleId :

S602-M-1.0-1.5-082319MSD

Tot Ion:	42	Resp:	1289
Ion	Ratio	Lower	Upper
42	100		
74	245.8	144.7	217.1#
44	1.8	3.2	4.8#

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#4

2-Fluorophenol

Concen: 0.475 ng

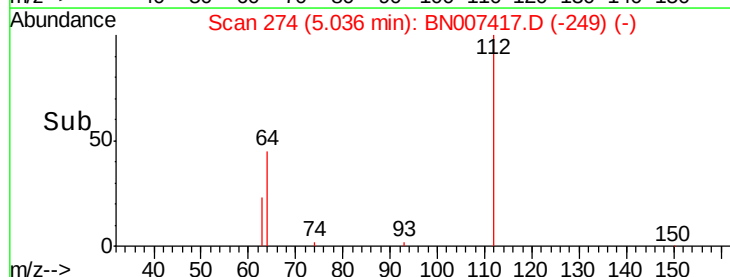
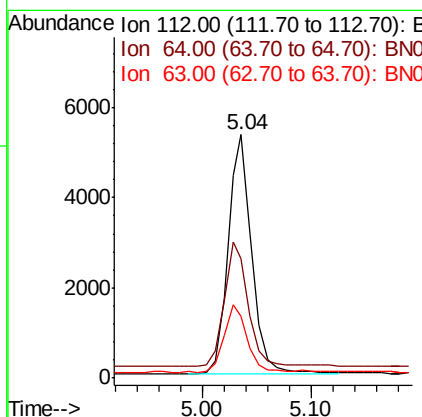
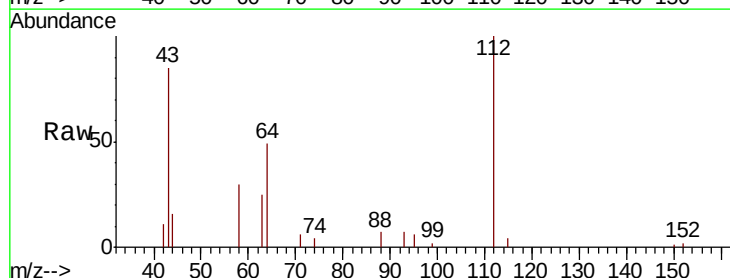
RT: 5.04 min Scan# 274

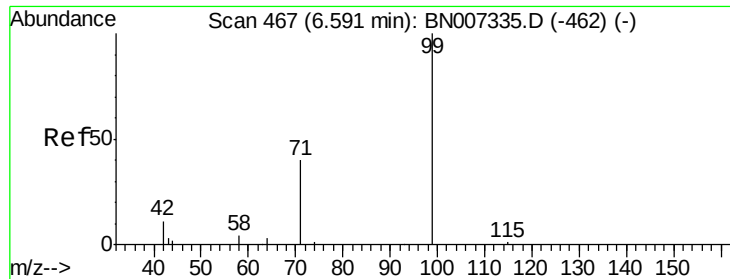
Delta R.T. 0.00 min

Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

Tgt Ion:	112	Resp:	8070
Ion	Ratio	Lower	Upper
112	100		
64	52.4	42.3	63.5
63	27.1	23.6	35.4





#5

Phenol-d6

Concen: 0.506 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

Instrument :

BNA_N

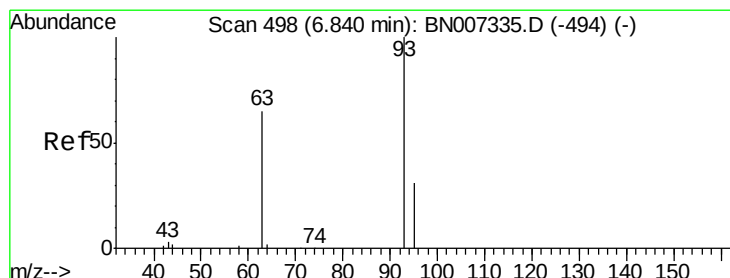
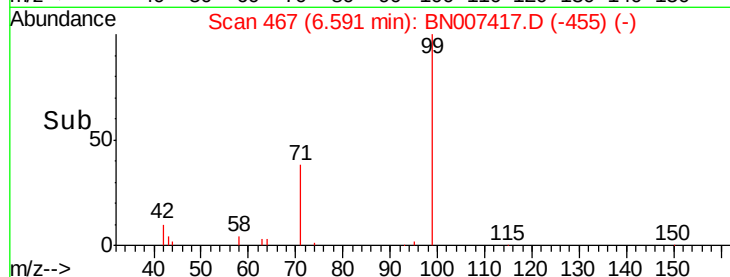
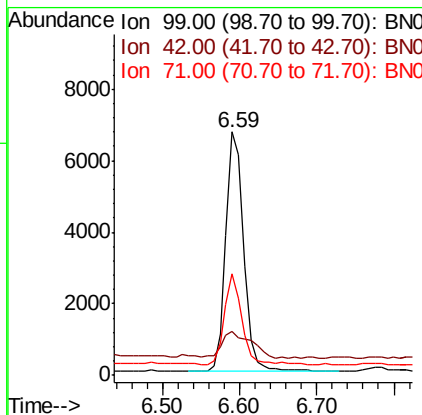
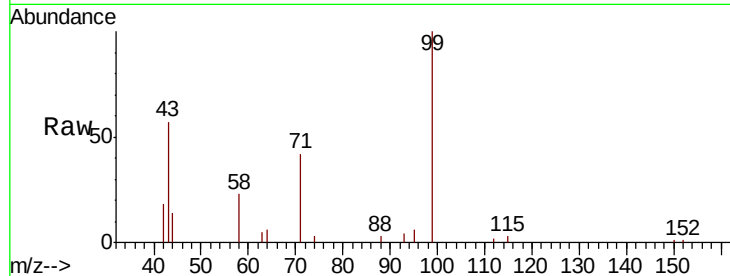
ClientSampleId :

S602-M-1.0-1.5-082319MSD

Tot Ion:	99	Resp:	10884
Ion Ratio	Lower	Upper	
99	100		
42	18.6	11.2	16.8#
71	36.6	31.8	47.8

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#6

bis(2-Chloroethyl)ether

Concen: 0.435 ng

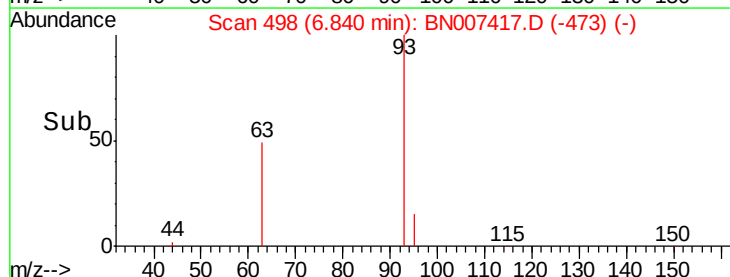
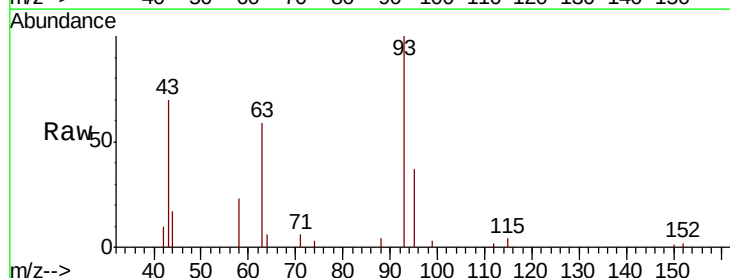
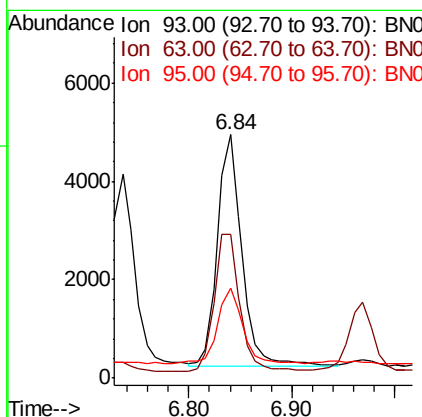
RT: 6.84 min Scan# 498

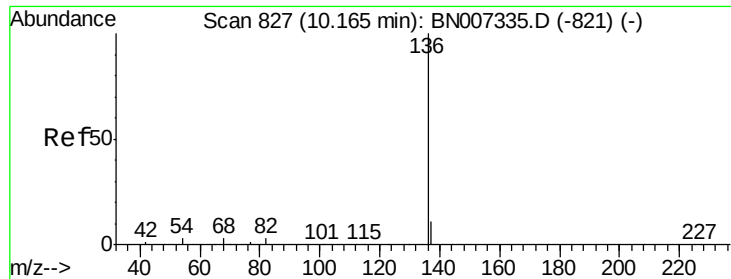
Delta R.T. -0.00 min

Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

Tgt Ion:	93	Resp:	7775
Ion Ratio	Lower	Upper	
93	100		
63	62.0	51.9	77.9
95	33.3	27.7	41.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

Instrument :

BNA_N

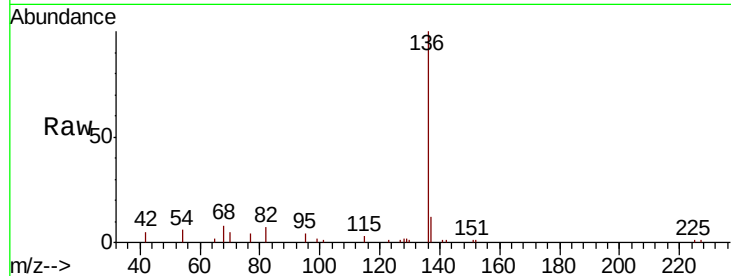
ClientSampleId :

S602-M-1.0-1.5-082319MSD

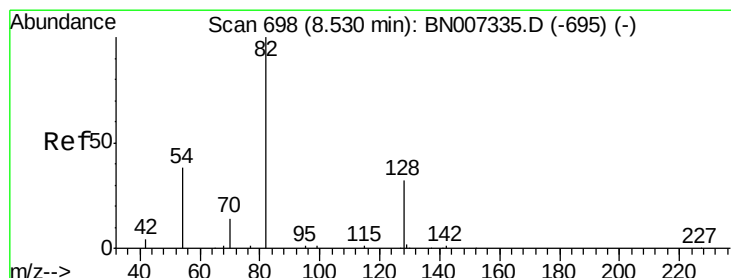
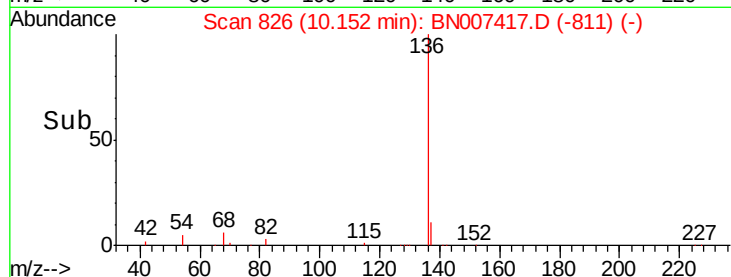
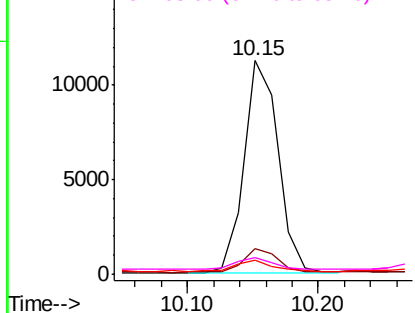
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.8	12.9	19.3#
54	6.4	8.6	12.8#
68	8.1	17.0	25.4#

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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: 0.448 ng

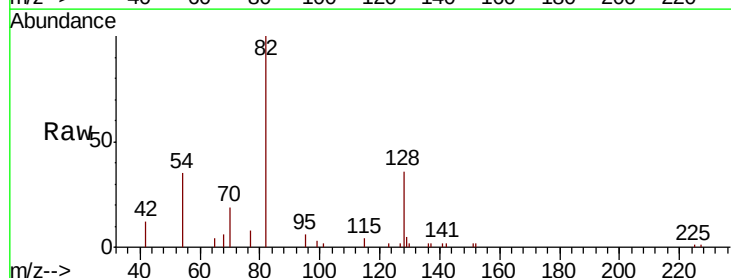
RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

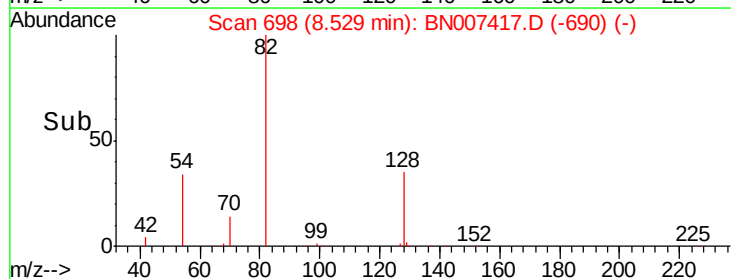
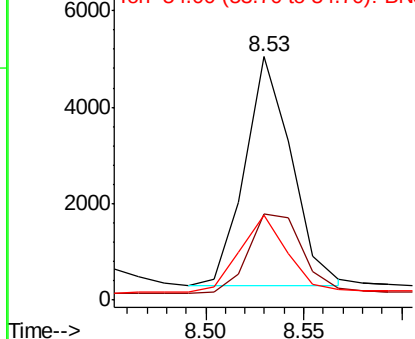
Lab File: BN007417.D

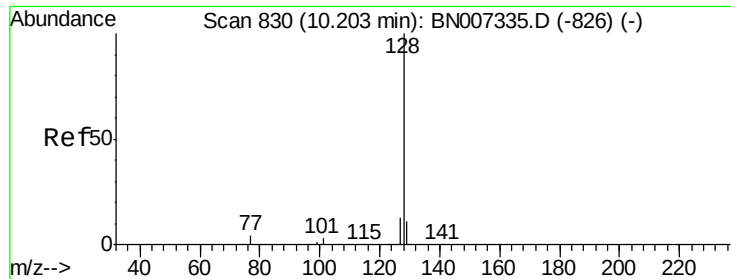
Acq: 26 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.6	19.7	29.5#
54	35.1	25.8	38.6



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: 0.558 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

Instrument :

BNA_N

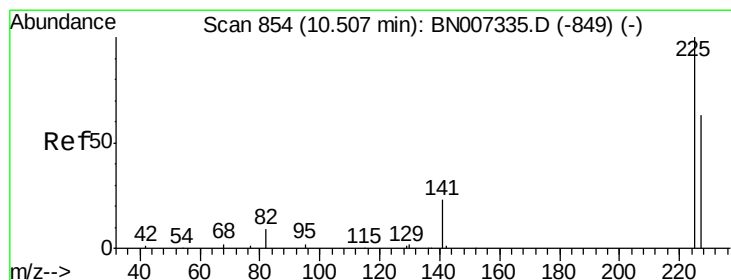
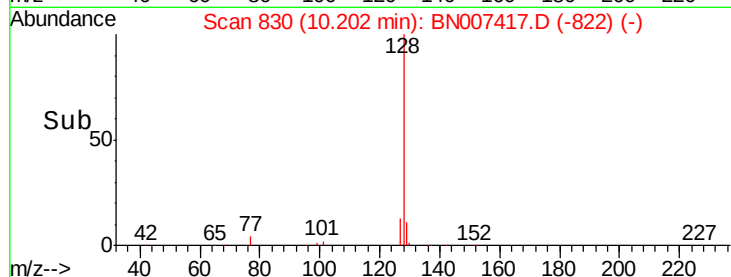
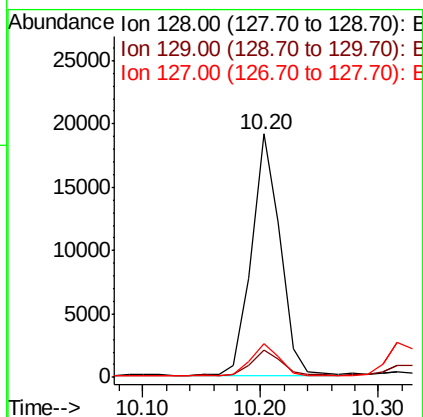
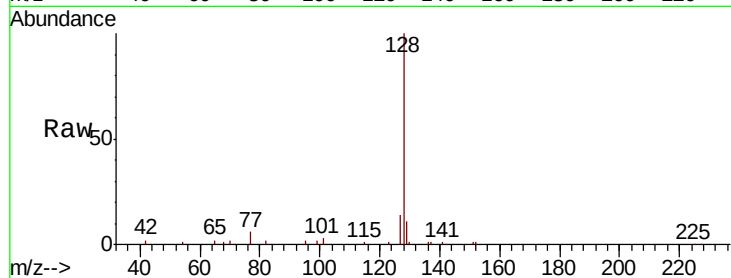
ClientSampleId :

S602-M-1.0-1.5-082319MSD

Tot Ion:	128	Resp:	32083
Ion Ratio	Lower	Upper	
128	100		
129	11.4	11.1	16.7
127	13.6	15.5	23.3#

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#10

Hexachlorobutadiene

Concen: 0.420 ng

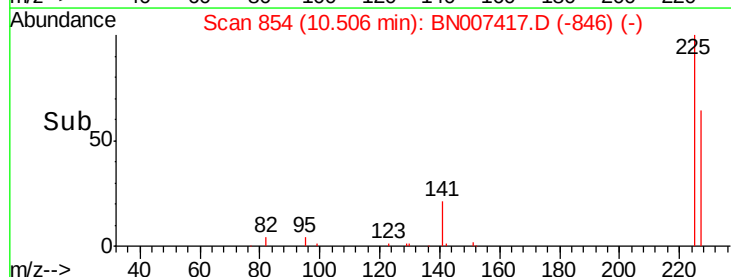
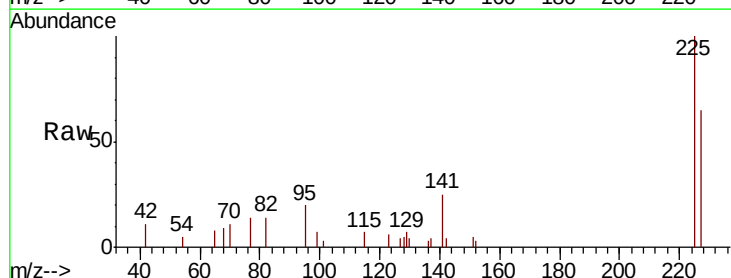
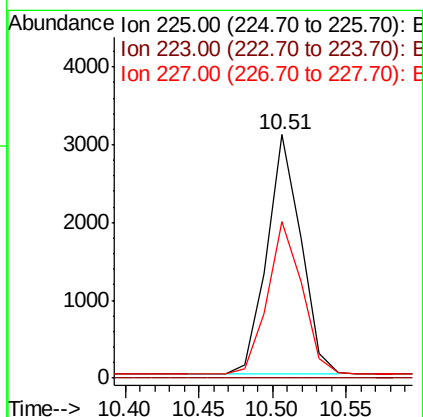
RT: 10.51 min Scan# 854

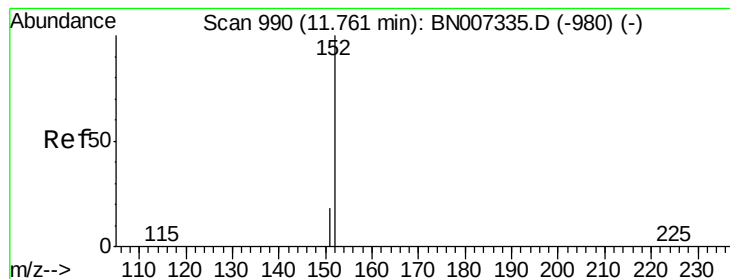
Delta R.T. -0.00 min

Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

Tgt Ion:	225	Resp:	4941
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	65.0	50.7	76.1





#11

2-Methylnaphthalene-d10

Concen: 0.472 ng m

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

Instrument :

BNA_N

ClientSampleId :

S602-M-1.0-1.5-082319MSD

Tot Ion:152 Resp: 15797

Ion Ratio Lower Upper

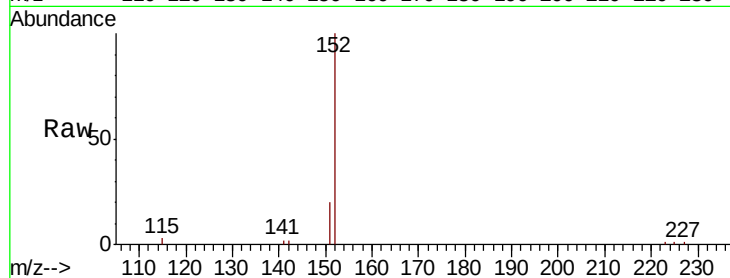
152 100

151 20.2 16.2 24.2

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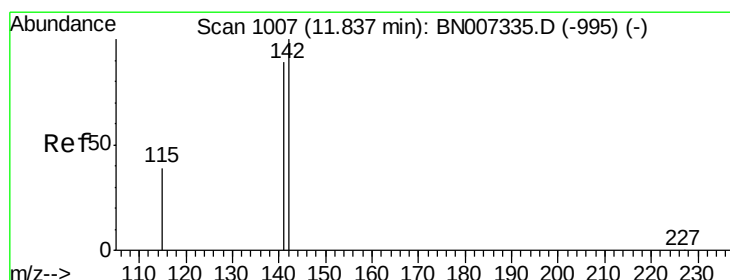
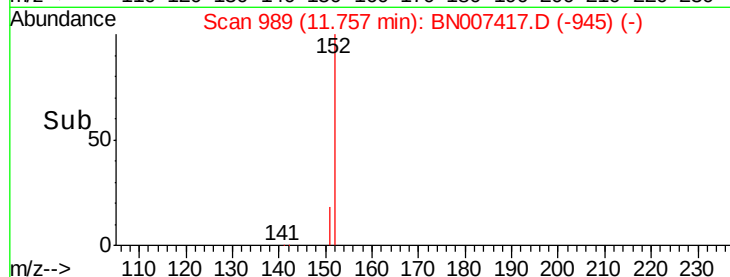
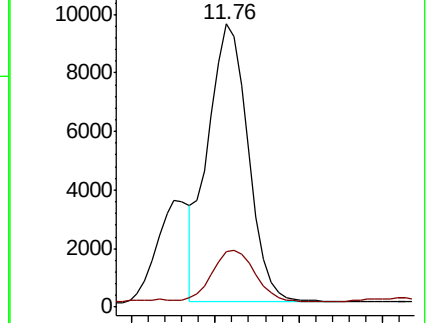
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.736 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

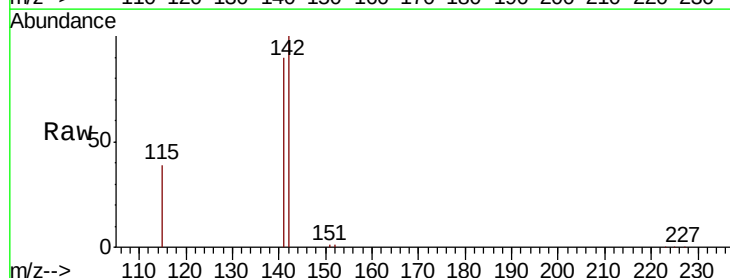
Tgt Ion:142 Resp: 28820

Ion Ratio Lower Upper

142 100

141 90.3 72.8 109.2

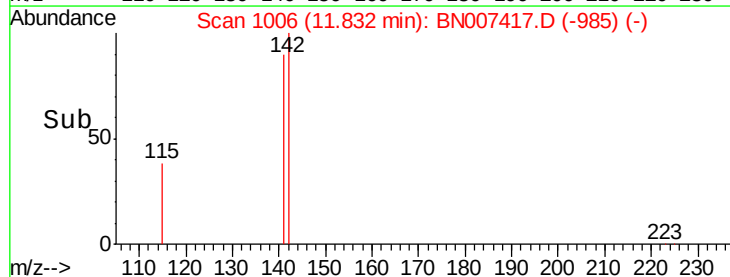
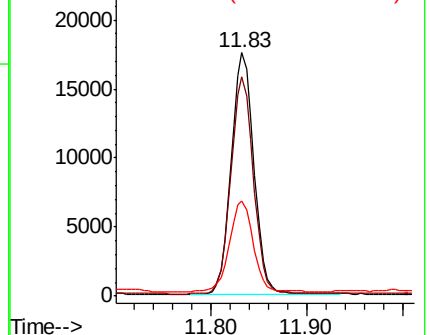
115 39.3 35.2 52.8

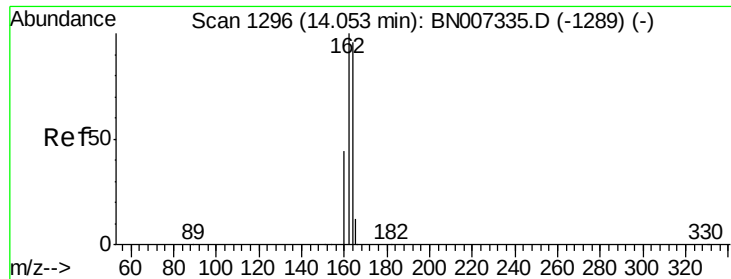


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





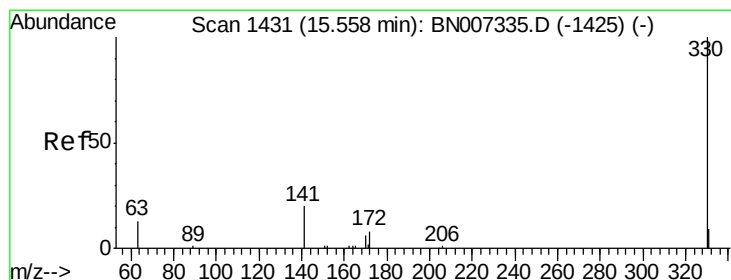
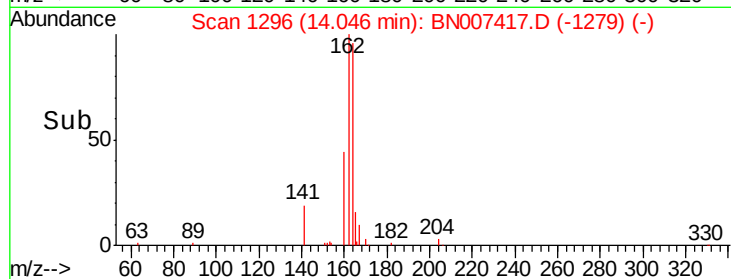
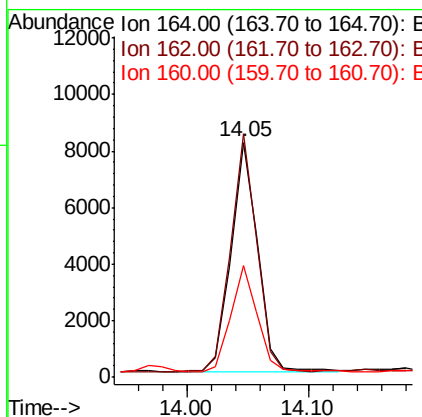
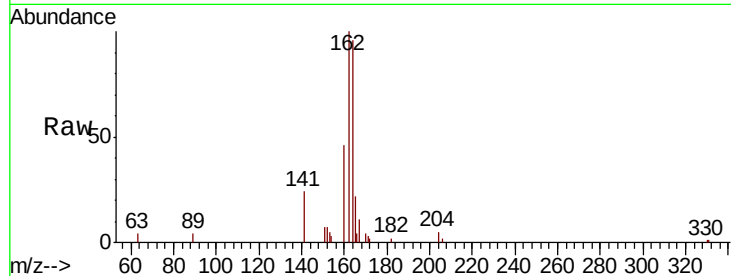
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tot Ion:	164	Resp:	12289
Ion Ratio	Lower	Upper	
164	100		
162	103.7	83.5	125.3
160	47.5	38.2	57.4

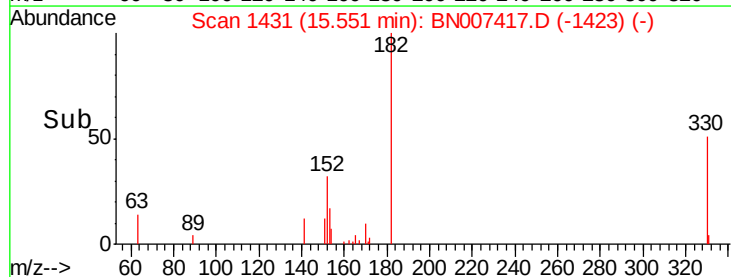
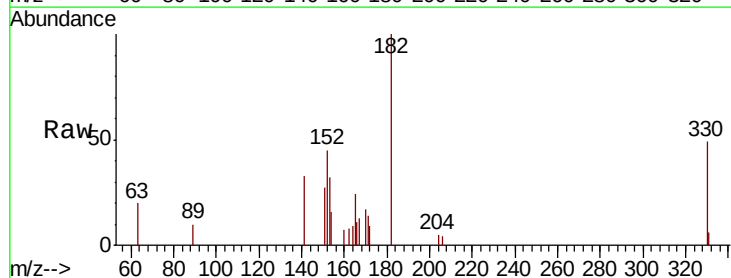
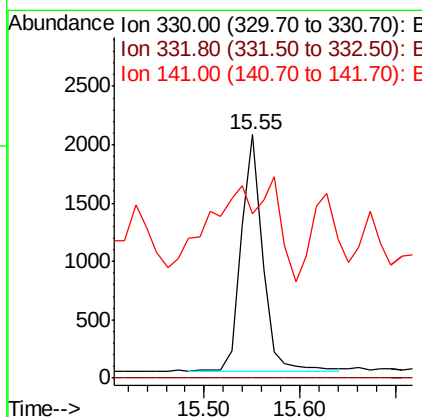
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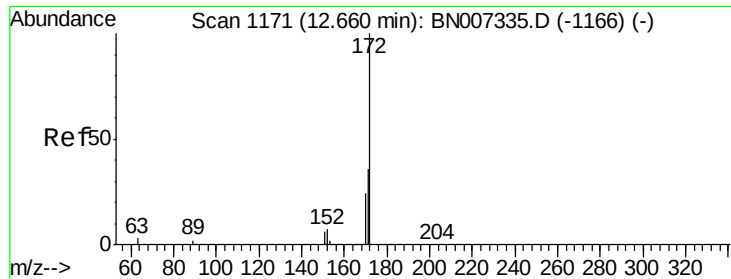
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#14
2,4,6-Tribromophenol
Concen: 0.491 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion:	330	Resp:	3156
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	0.0	26.9	40.3#





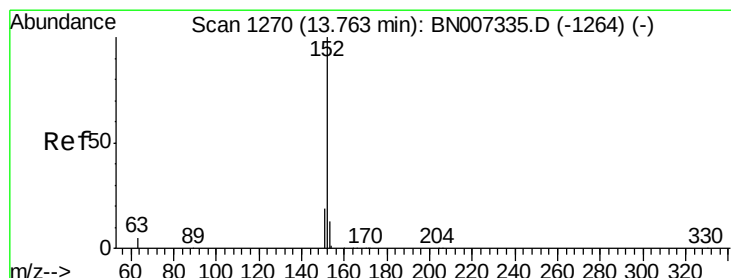
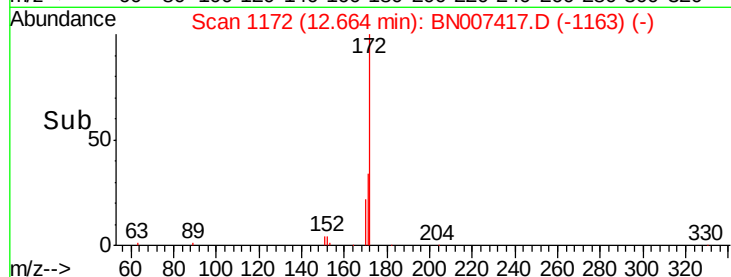
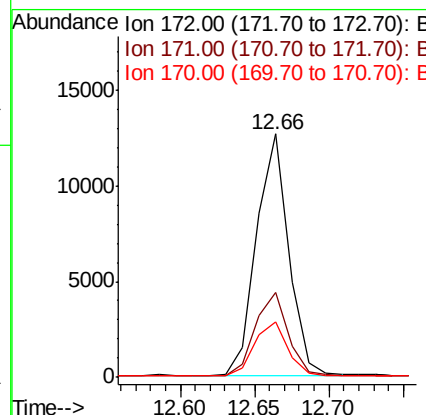
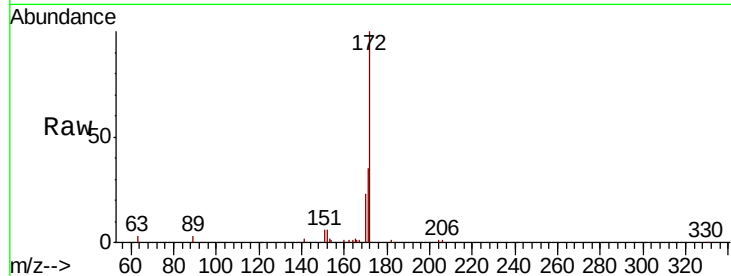
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.3	45.5
170	23.0	20.7	31.1

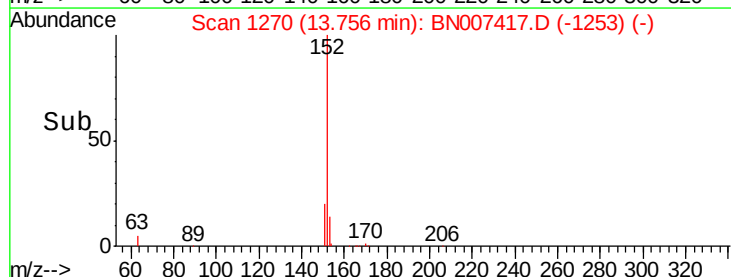
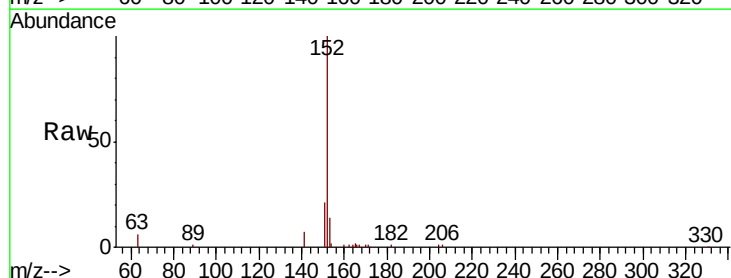
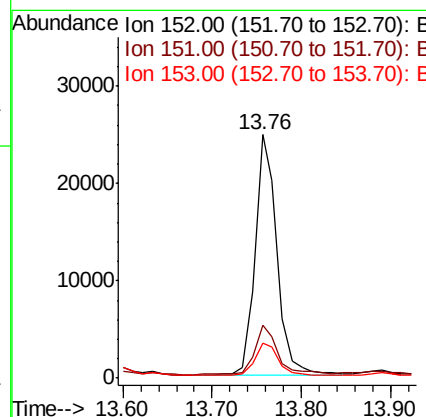
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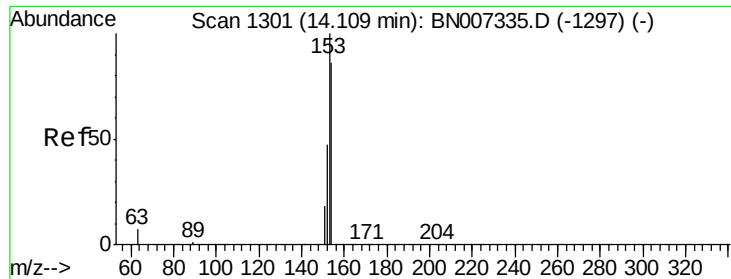
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#16
Acenaphthylene
Concen: 0.586 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.1	24.1
153	15.2	10.6	15.8





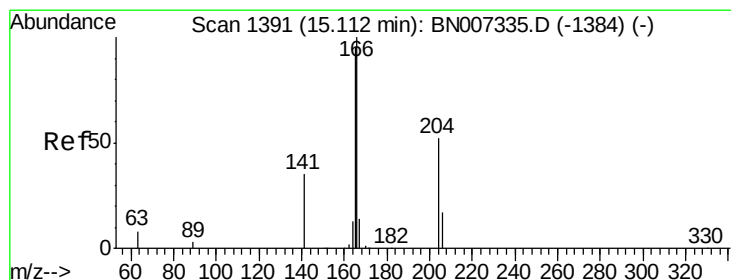
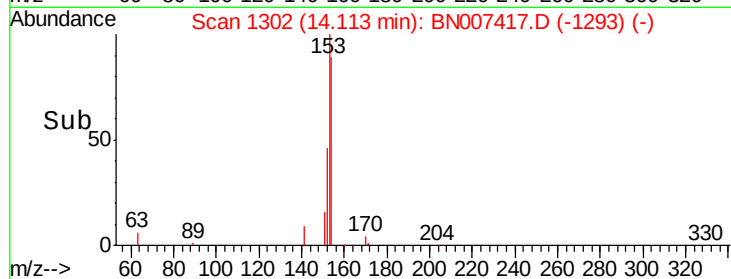
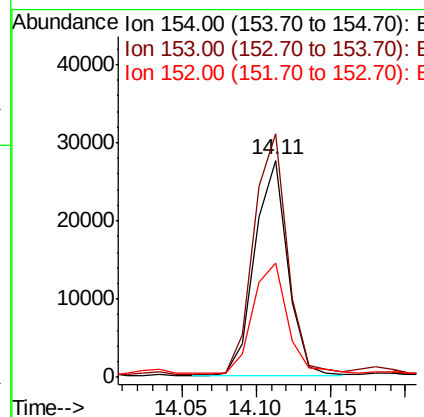
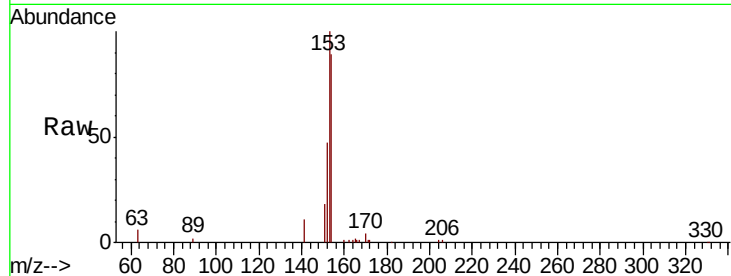
#17
Acenaphthene
Concen: 0.989 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.4	92.8	139.2
152	54.3	43.8	65.8

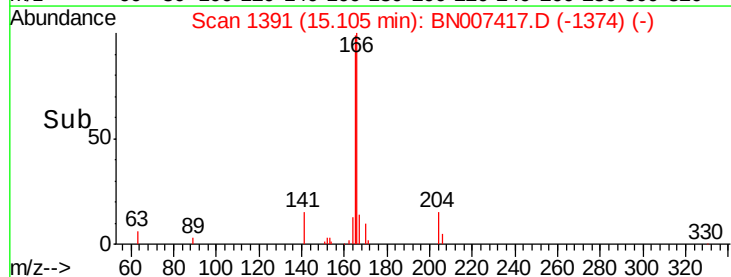
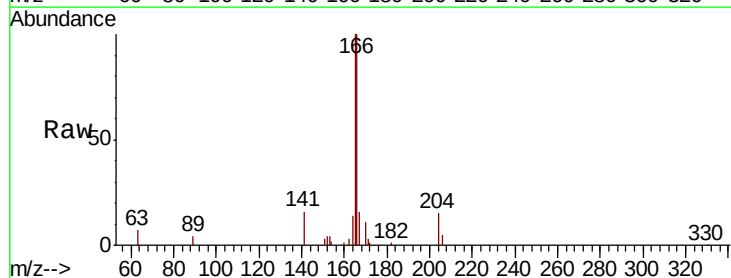
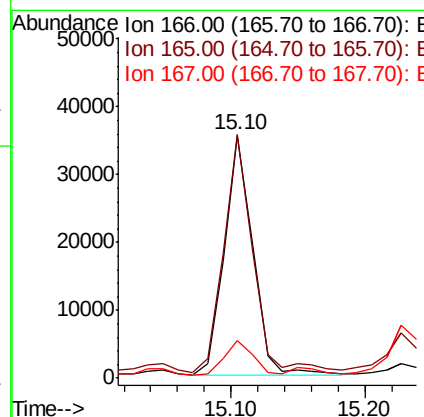
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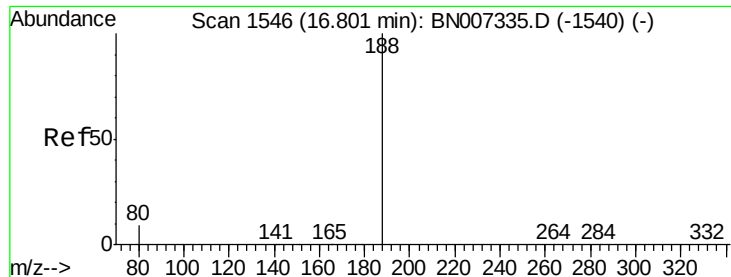
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#18
Fluorene
Concen: 0.966 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.0	118.4
167	15.3	10.6	15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

Instrument :

BNA_N

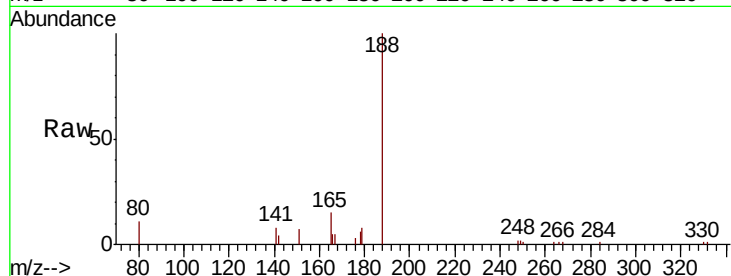
ClientSampleId :

S602-M-1.0-1.5-082319MSD

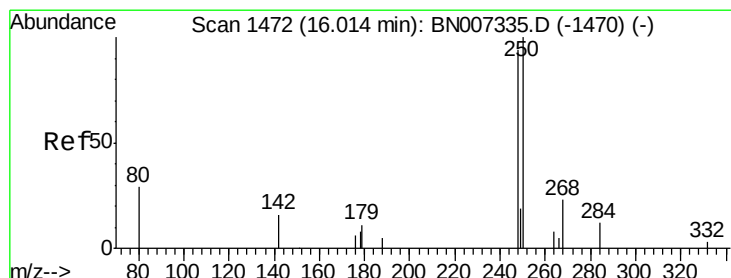
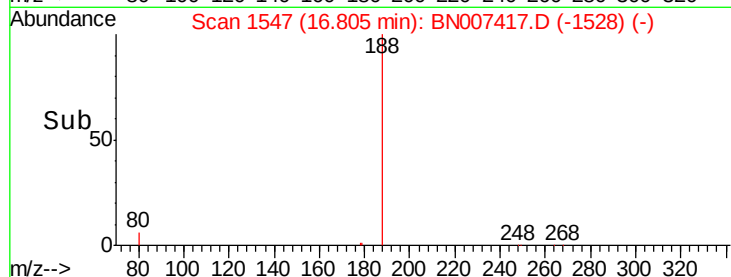
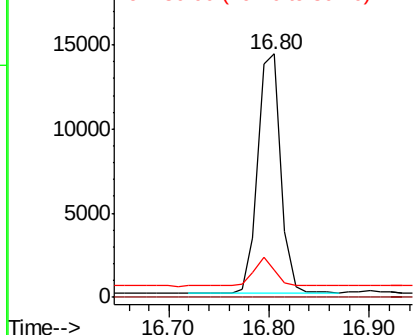
Tot Ion	Ratio	Resp	Lower	Upper
188	100	22911		
94	0.0	0.0	0.0	
80	11.2	11.8	17.8	

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.501 ng

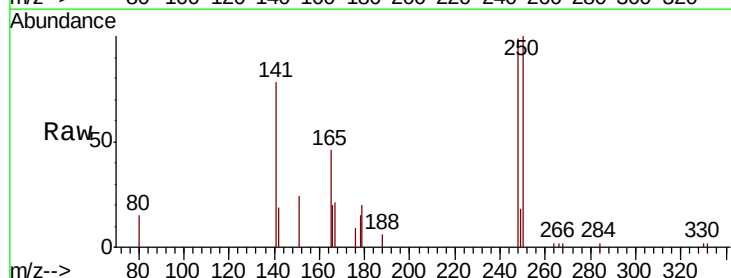
RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

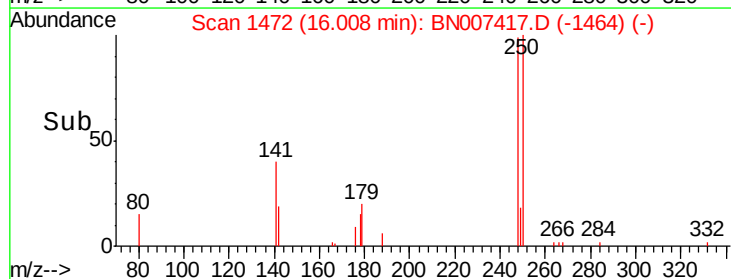
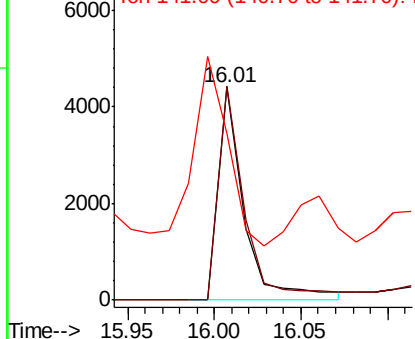
Lab File: BN007417.D

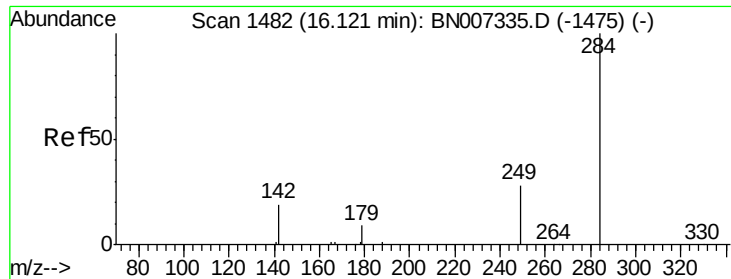
Acq: 26 Aug 2019 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	4525		
250	101.0	85.0	127.6	
141	78.8	51.7	77.5	



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





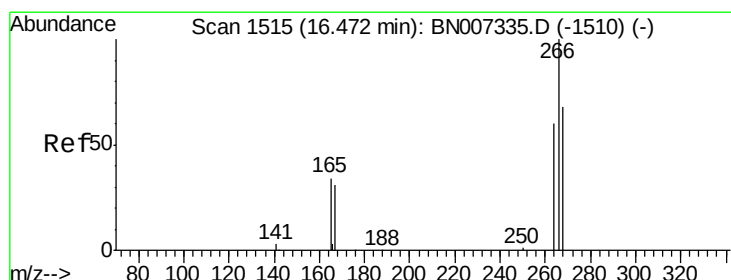
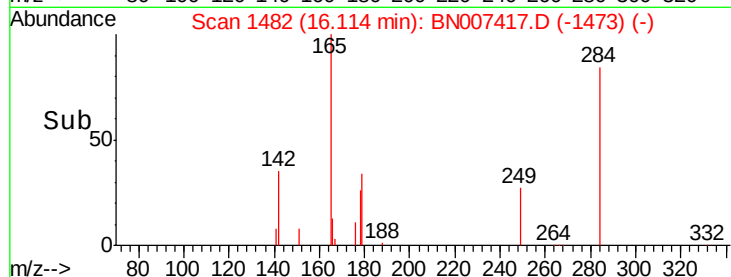
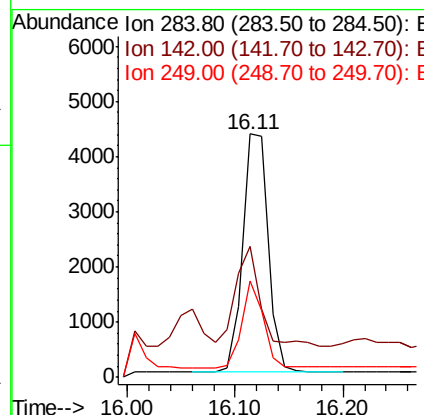
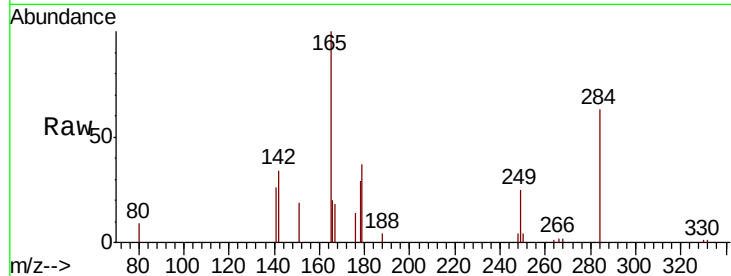
#21
Hexachlorobenzene
Concen: 0.458 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tot Ion:	284	Resp:	7027
Ion Ratio	Lower	Upper	
284	100		
142	39.8	29.0	43.6
249	31.4	24.9	37.3

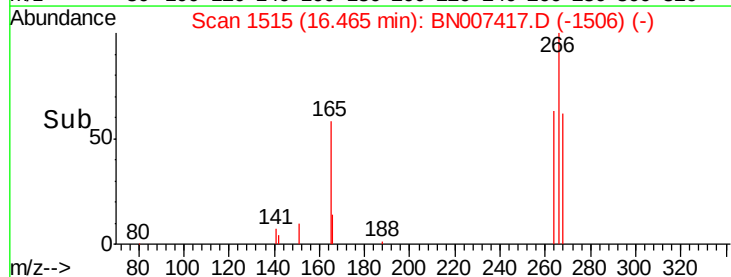
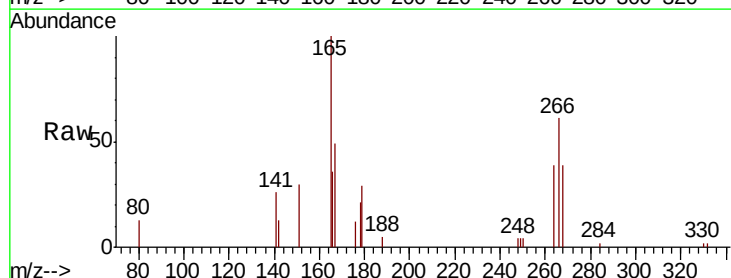
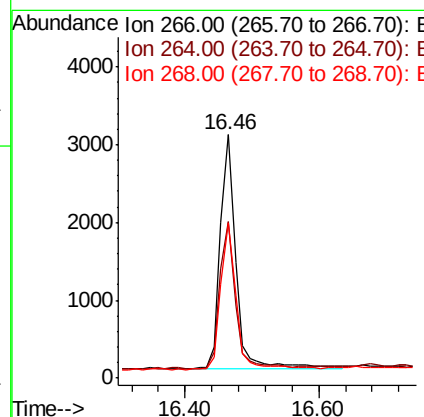
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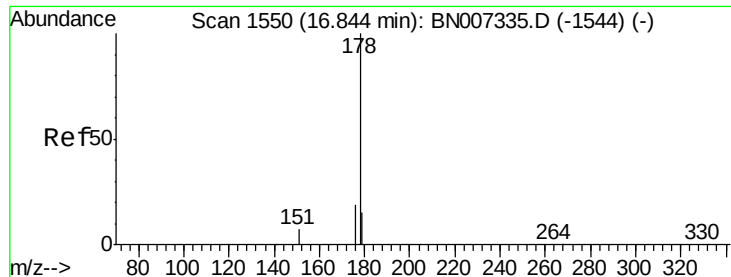
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#22
Pentachlorophenol
Concen: 1.018 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion:	266	Resp:	4857
Ion Ratio	Lower	Upper	
266	100		
264	64.5	57.8	86.8
268	63.9	99.7	149.5#





#23

Phenanthrene

Concen: 5.891 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

Instrument :

BNA_N

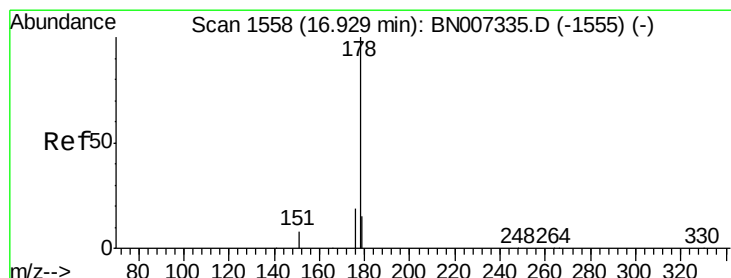
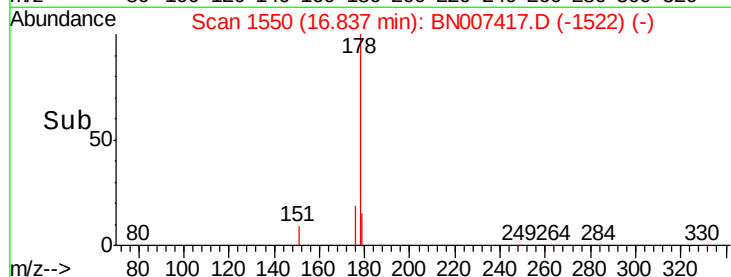
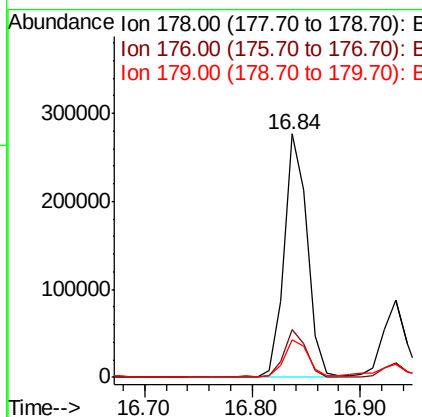
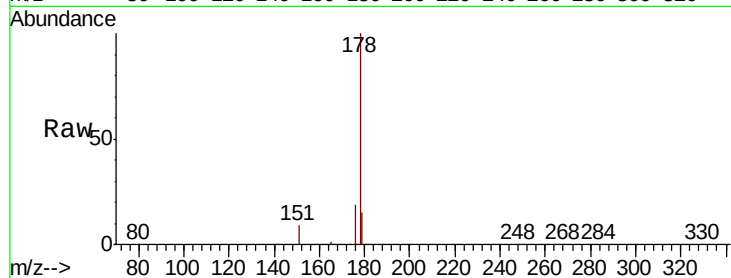
ClientSampleId :

S602-M-1.0-1.5-082319MSD

Tot Ion:	178	Resp:	406011
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.3	22.9
179	16.0	12.6	19.0

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#24

Anthracene

Concen: 1.721 ng

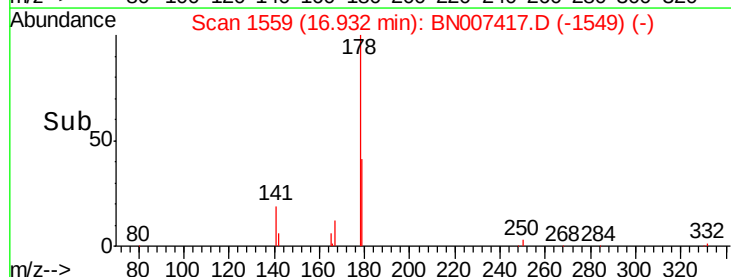
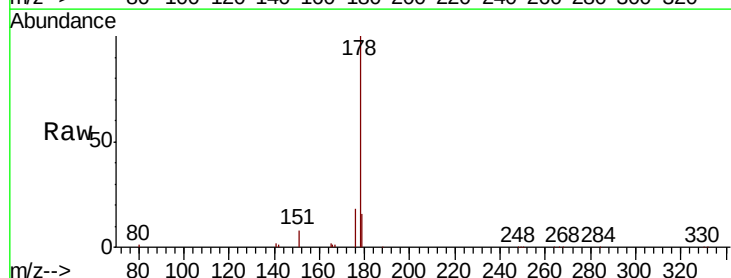
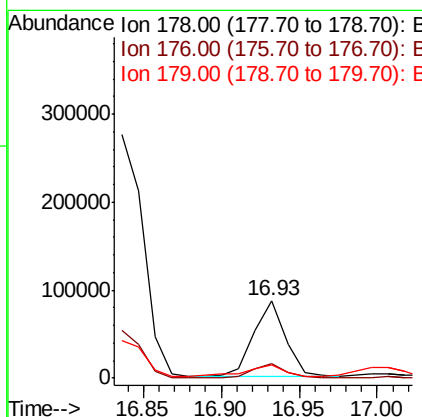
RT: 16.93 min Scan# 1559

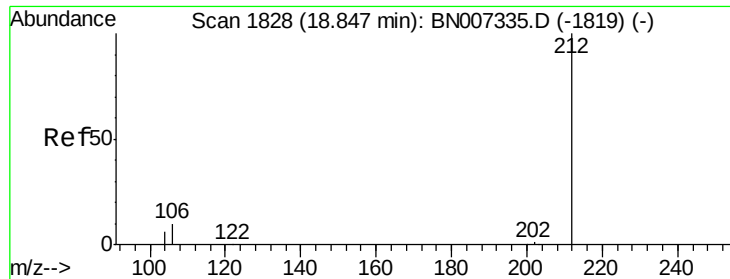
Delta R.T. 0.00 min

Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

Tgt Ion:	178	Resp:	119304
Ion Ratio	Lower	Upper	
178	100		
176	18.4	14.9	22.3
179	18.7	12.4	18.6#





#25

Fluoranthene-d10

Concen: 0.417 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

Instrument :

BNA_N

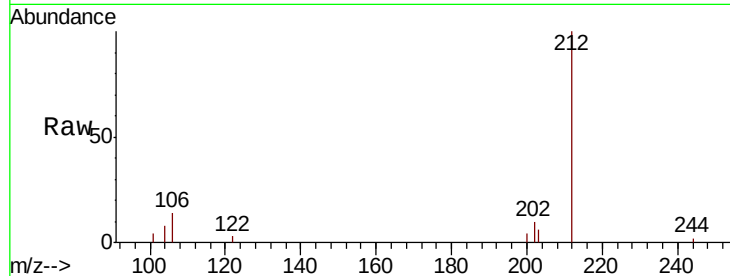
ClientSampleId :

S602-M-1.0-1.5-082319MSD

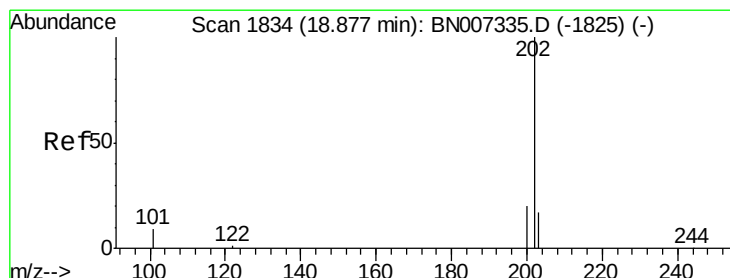
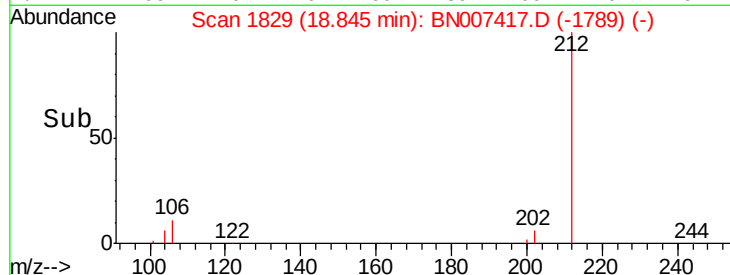
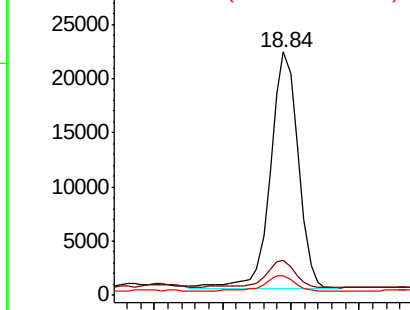
Tot Ion:	212	Resp:	30749
Ion Ratio	Lower	Upper	
212	100		
106	11.9	9.0	13.4
104	7.5	5.4	8.2

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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: 13.349 ng

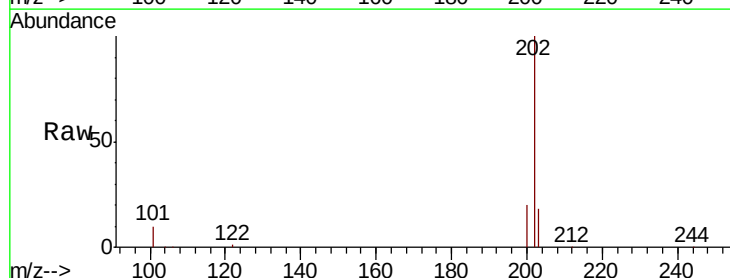
RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

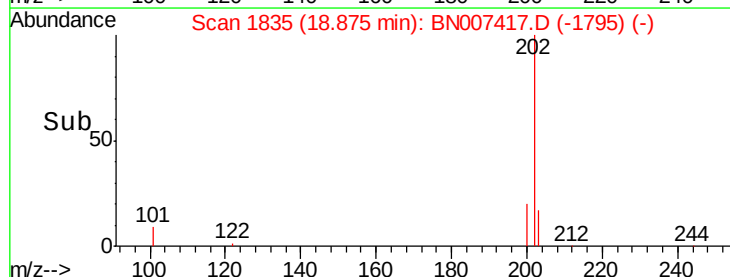
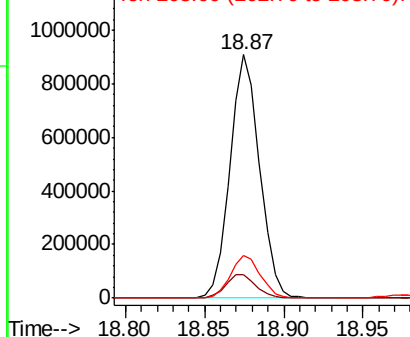
Lab File: BN007417.D

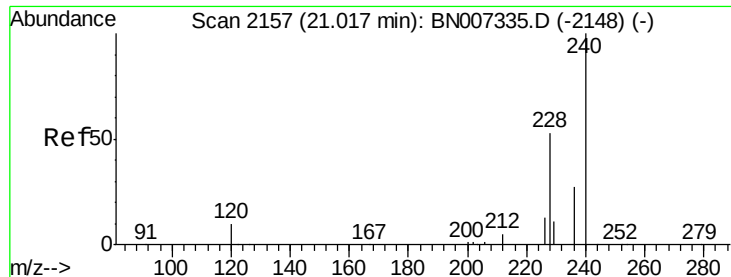
Acq: 26 Aug 2019 19:37

Tgt Ion:	202	Resp:	1181165
Ion Ratio	Lower	Upper	
202	100		
101	9.8	7.7	11.5
203	17.5	13.7	20.5



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: 21.03 min Scan# 2159

Delta R.T. 0.01 min

Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

Instrument :

BNA_N

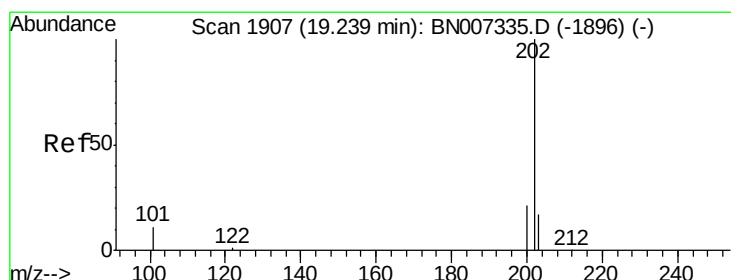
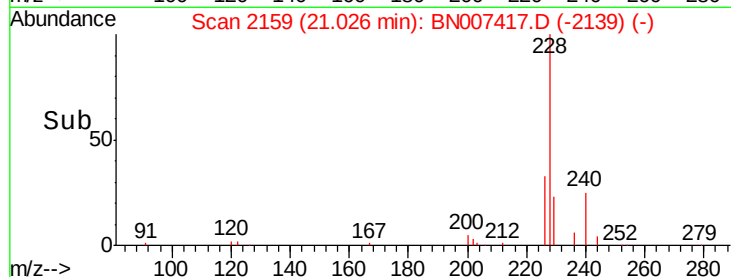
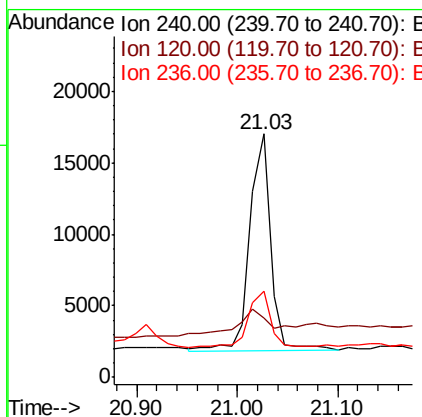
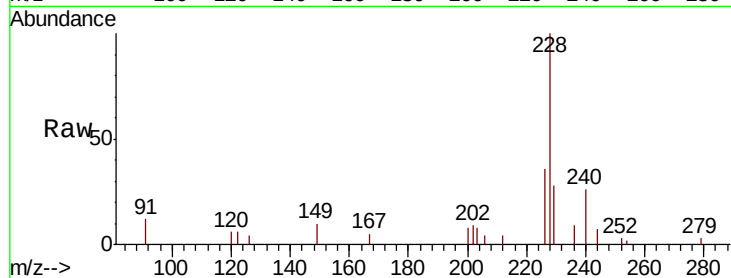
ClientSampleId :

S602-M-1.0-1.5-082319MSD

Tot Ion:	240	Resp:	21985
Ion Ratio	Lower	Upper	
240	100		
120	24.2	9.6	14.4#
236	35.5	22.2	33.2#

Manual Integrations
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#28

Pyrene

Concen: 11.607 ng

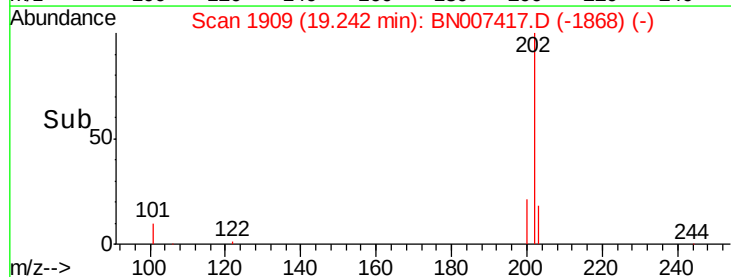
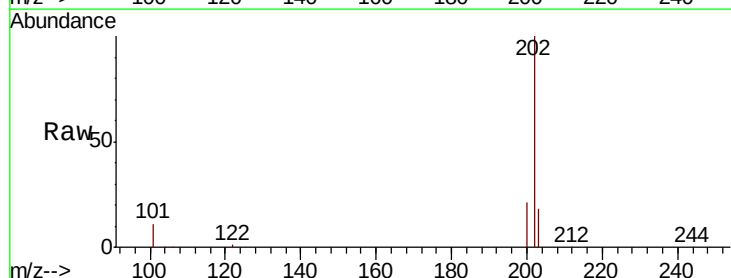
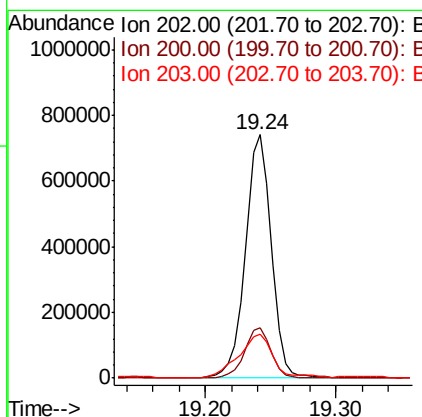
RT: 19.24 min Scan# 1909

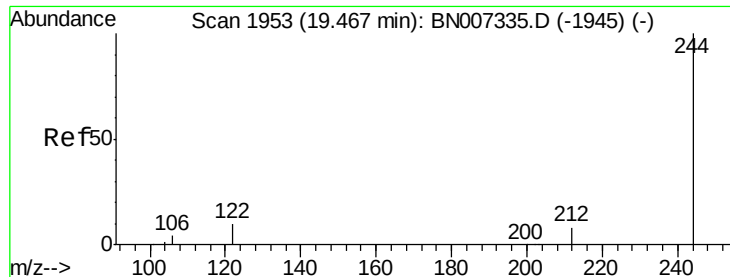
Delta R.T. 0.00 min

Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

Tgt Ion:	202	Resp:	1026500
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.6	25.0
203	23.5	14.2	21.4#





#29

Terphenyl-d14

Concen: 0.382 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

Instrument :

BNA_N

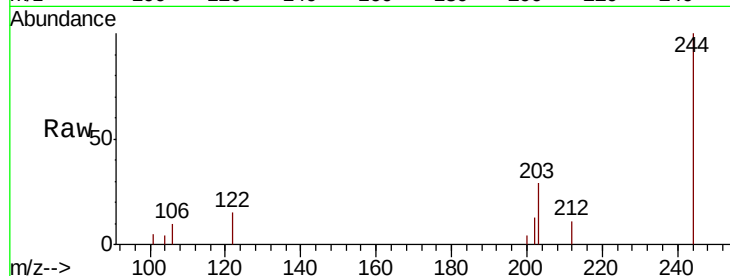
ClientSampleId :

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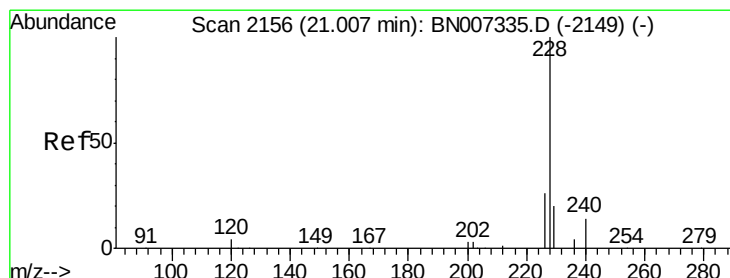
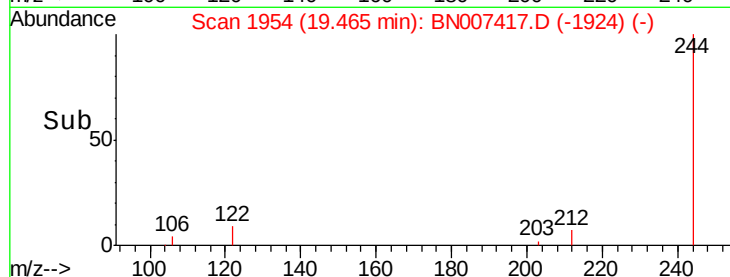
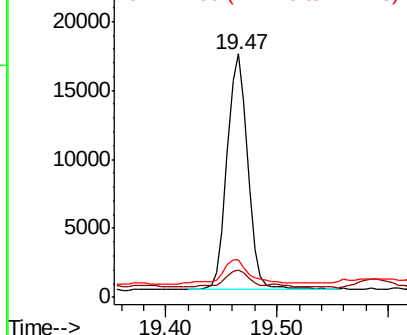
Tot Ion:	244	Resp:	21994
Ion Ratio	Lower	Upper	
244	100		
212	11.4	7.0	10.6#
122	15.2	9.6	14.4#

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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: 7.263 ng

RT: 21.00 min Scan# 2157

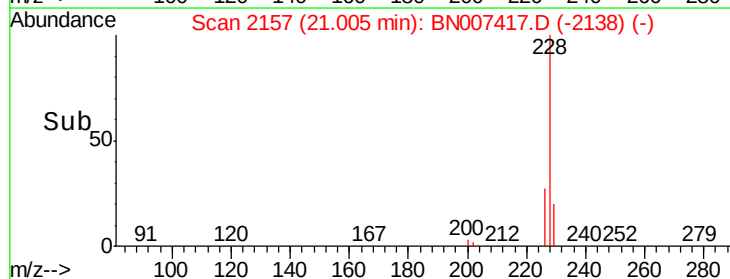
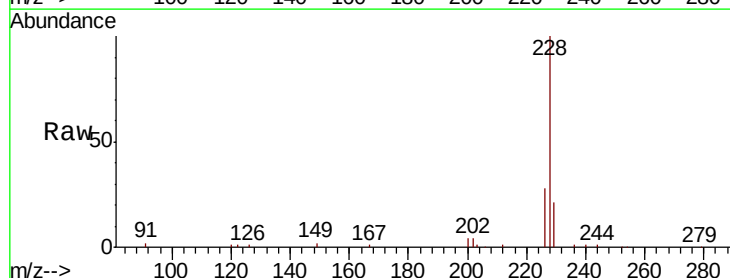
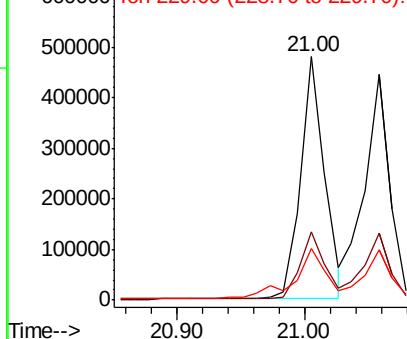
Delta R.T. -0.00 min

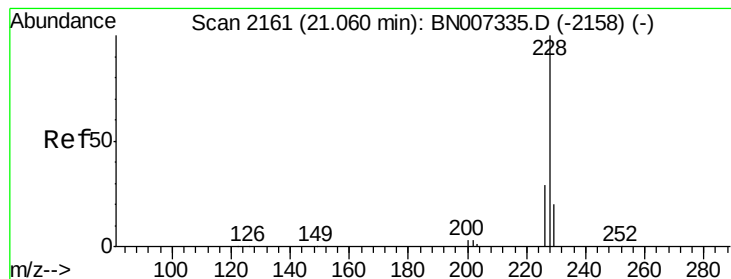
Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

Tgt Ion:	228	Resp:	627054
Ion Ratio	Lower	Upper	
228	100		
226	27.9	21.3	31.9
229	21.0	16.1	24.1

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: 7.335 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

Instrument :

BNA_N

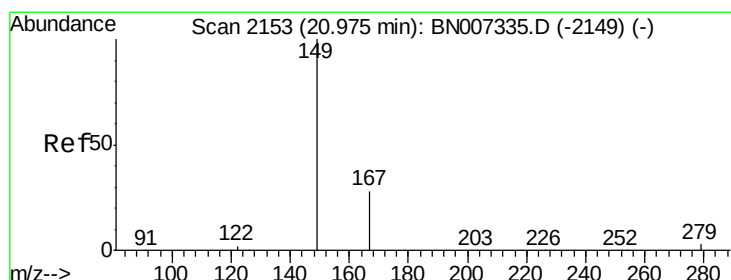
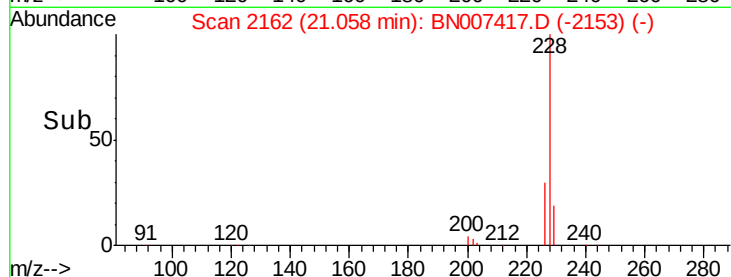
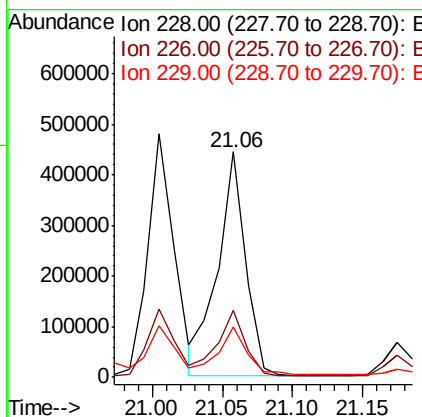
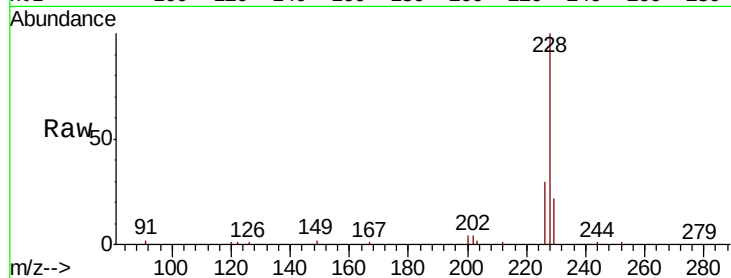
ClientSampleId :

S602-M-1.0-1.5-082319MSD

Tot Ion:	228	Resp:	611292
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.5	35.3
229	22.1	16.6	24.8

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.654 ng

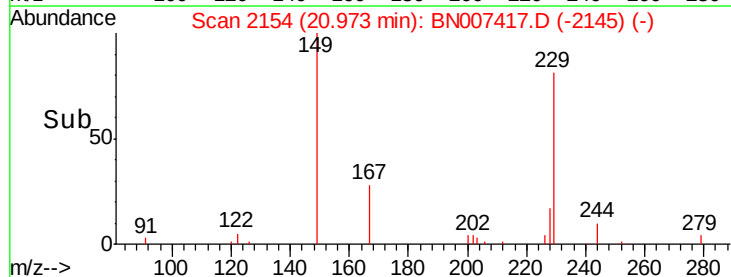
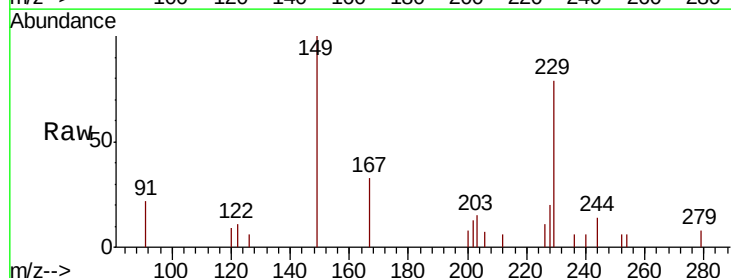
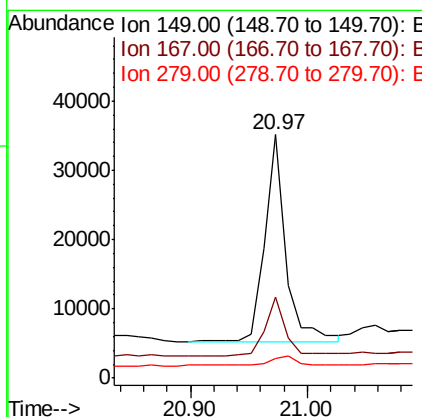
RT: 20.97 min Scan# 2154

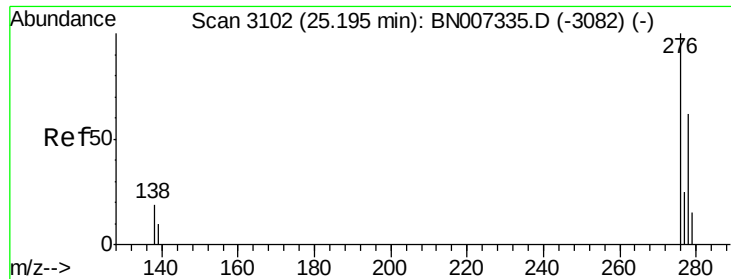
Delta R.T. -0.00 min

Lab File: BN007417.D

Acq: 26 Aug 2019 19:37

Tgt Ion:	149	Resp:	37586
Ion Ratio	Lower	Upper	
149	100		
167	29.2	22.8	34.2
279	5.2	3.5	5.3





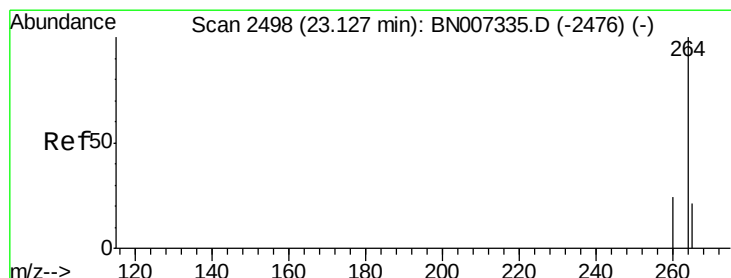
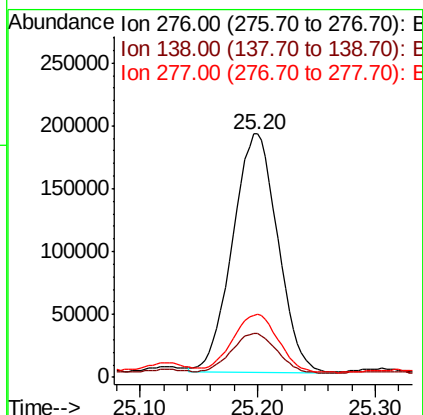
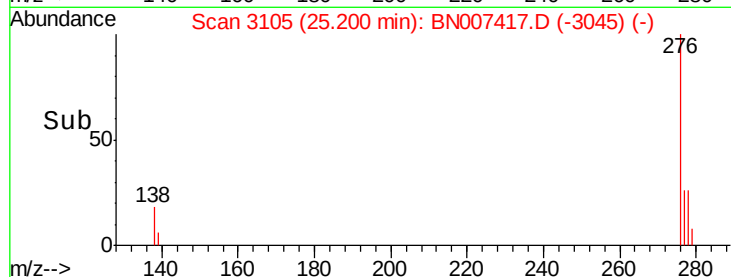
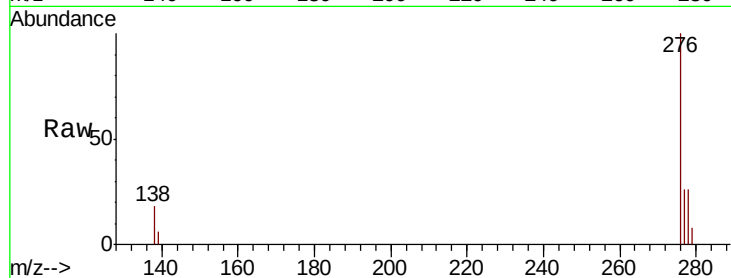
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.046 ng
RT: 25.20 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.0	15.1	22.7
277	24.6	19.7	29.5

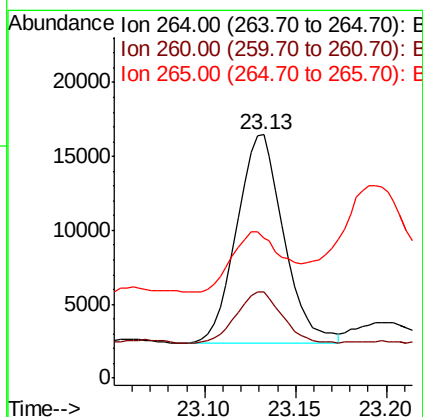
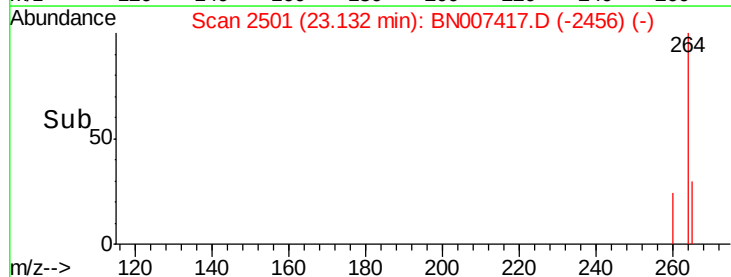
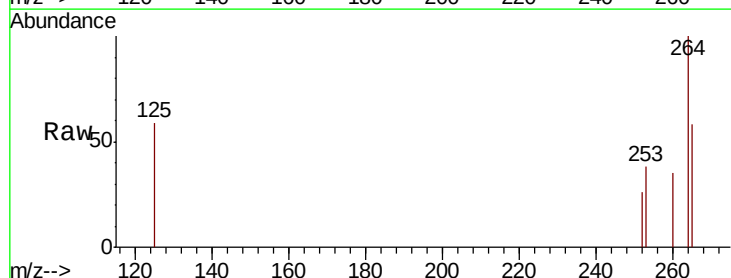
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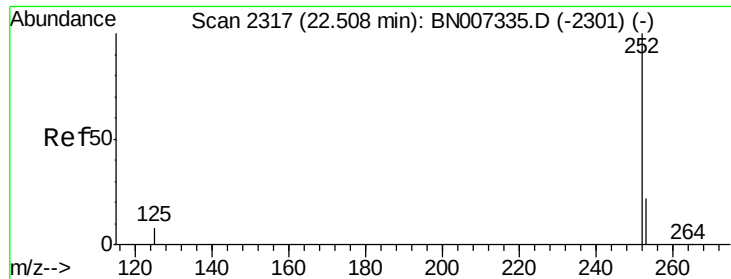
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2501
Delta R.T. 0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	35.5	19.7	29.5#
265	57.6	29.9	44.9#





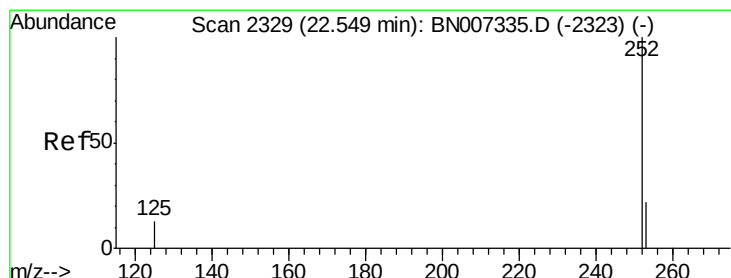
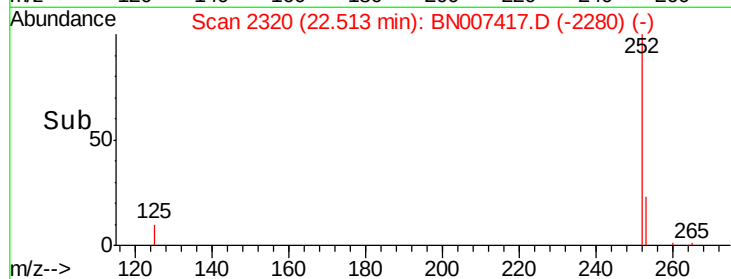
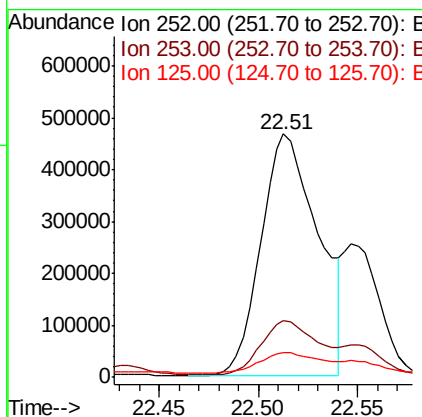
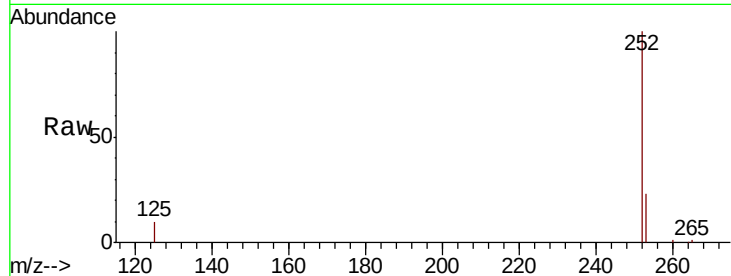
#35
Benzo(b)fluoranthene
Concen: 10.128 ng
RT: 22.51 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	10.3	10.6	16.0

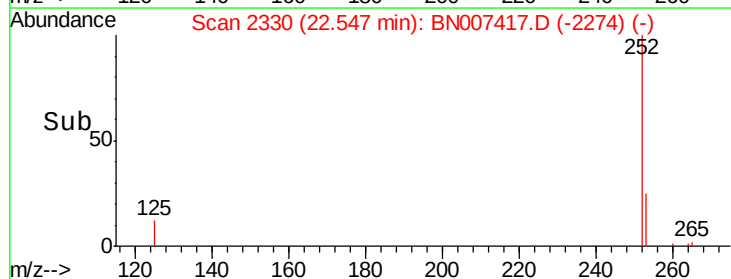
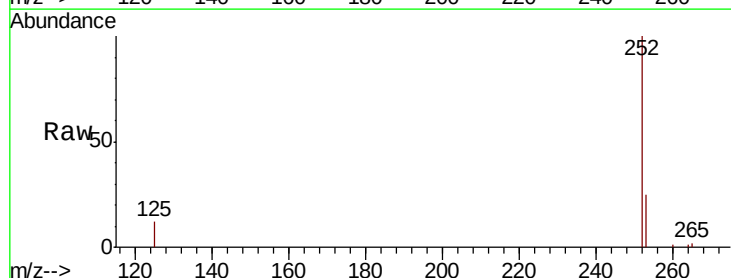
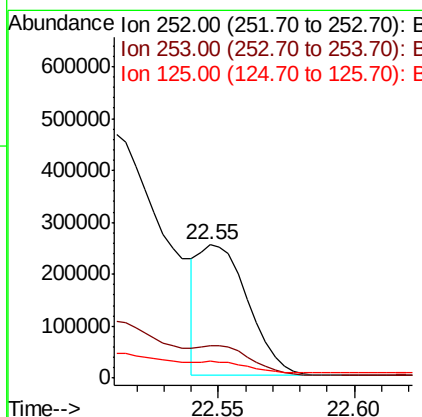
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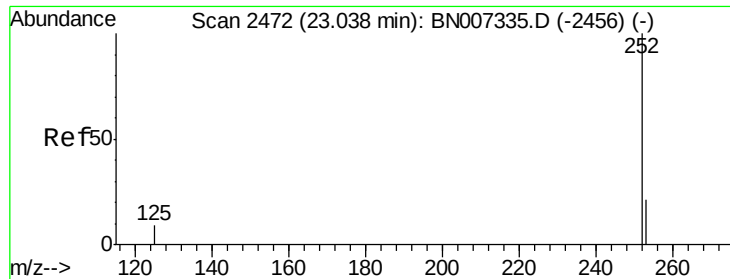
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#36
Benzo(k)fluoranthene
Concen: 3.509 ng m
RT: 22.55 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.4	29.2
125	12.3	13.1	19.7





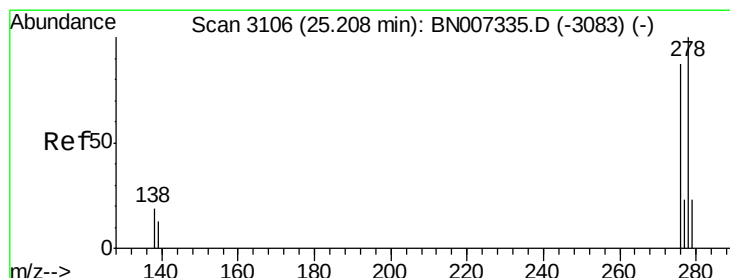
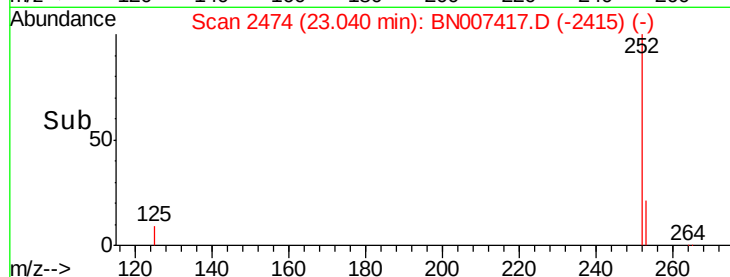
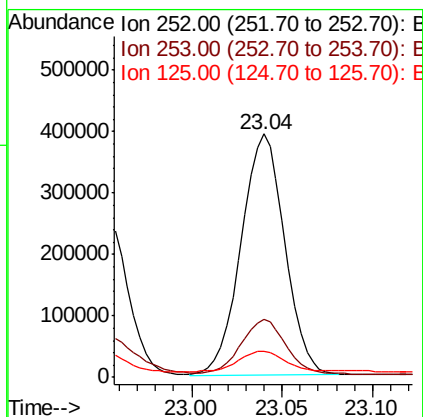
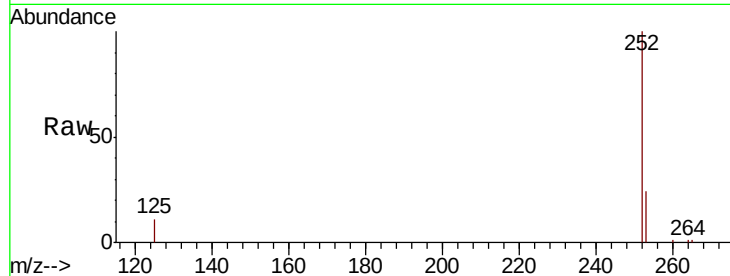
#37
Benzo(a)pyrene
Concen: 7.486 ng/mL
RT: 23.04 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.5	29.3
125	10.9	12.1	18.1

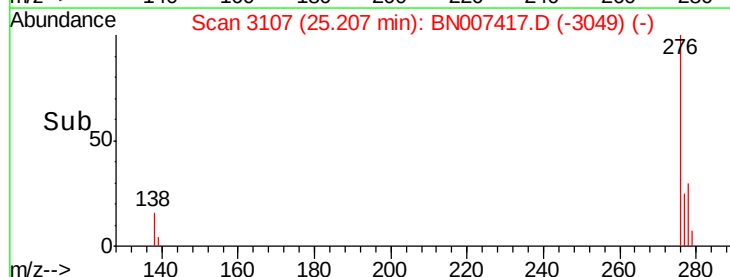
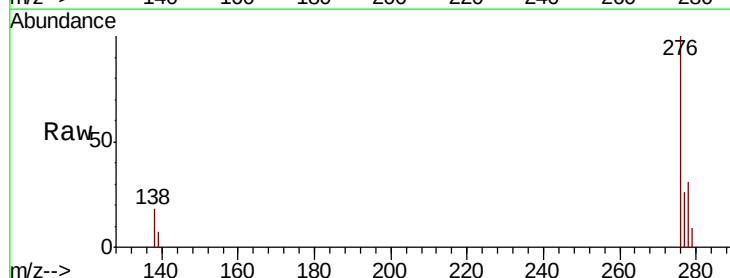
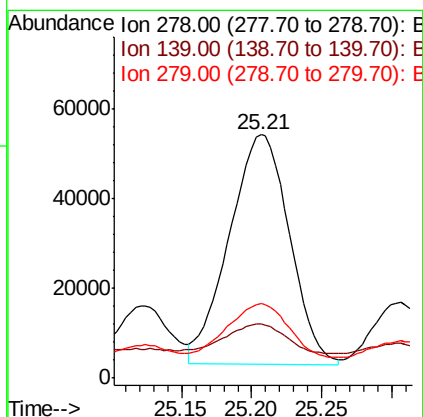
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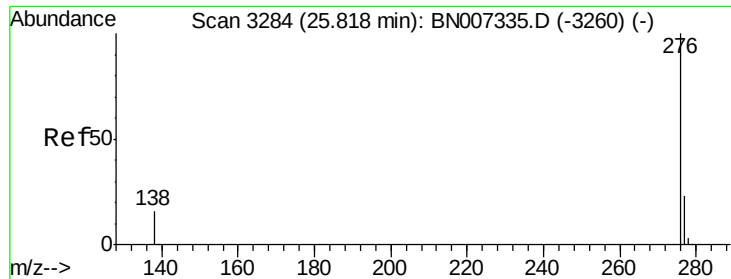
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#38
Dibenzo(a,h)anthracene
Concen: 1.751 ng/mL
RT: 25.21 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BN007417.D
Acq: 26 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	13.7	20.5
279	30.5	20.2	30.4





#39

Benzo(a,h,i)perylene

Concen: 5.639 ng

RT: 25.83 min Scan# 3289

Delta R.T. 0.01 min

Lab File: BN007417.D

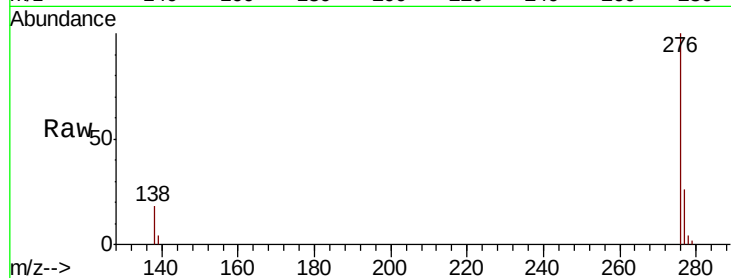
Acq: 26 Aug 2019 19:37

Instrument :

BNA_N

ClientSampleId :

S602-M-1.0-1.5-082319MSD



Tot Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.6	29.4
138	18.0	16.3	24.5

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