

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
 Data File : BN007408.D
 Acq On : 26 Aug 2019 13:30
 Operator : HP/JU
 Sample : PB122289BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122289BSD

Manual Integrations
 APPROVED

JAGRUT
 8/30/2019 8:57:02 AM

Quant Time: Aug 26 18:23:43 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	5456	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	21297	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	10868	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	24737	0.40	ng	0.00
27) Chrysene-d12	21.02	240	25755	0.40	ng	0.00
34) Perylene-d12	23.12	264	25915	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	5854	0.30	ng	0.00
5) Phenol-d6	6.59	99	6860	0.28	ng	0.00
8) Nitrobenzene-d5	8.53	82	5978	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	11997	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1734	0.31	ng	-0.01
15) 2-Fluorobiphenyl	12.66	172	15722	0.36	ng	0.00
25) Fluoranthene-d10	18.84	212	26481	0.33	ng	0.00
29) Terphenyl-d14	19.46	244	19060	0.28	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.01	88	3432	0.379	ng	# 73
3) n-Nitrosodimethylamine	3.32	42	1139	0.270	ng	82
6) bis(2-Chloroethyl)ether	6.84	93	6670	0.338	ng	95
9) Naphthalene	10.20	128	21413	0.352	ng	# 90
10) Hexachlorobutadiene	10.51	225	4149	0.333	ng	# 98
12) 2-Methylnaphthalene	11.83	142	14051	0.339	ng	95
16) Acenaphthylene	13.76	152	20731	0.322	ng	99
17) Acenaphthene	14.11	154	13232	0.352	ng	97
18) Fluorene	15.10	166	16325	0.343	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	2186	0.224	ng	94
21) Hexachlorobenzene	16.11	284	6016	0.363	ng	97
22) Pentachlorophenol	16.46	266	3251	0.631	ng	# 64
23) Phenanthrene	16.84	178	25502	0.343	ng	99
24) Anthracene	16.93	178	22887	0.306	ng	99
26) Fluoranthene	18.87	202	32161	0.337	ng	100
28) Pyrene	19.24	202	33075	0.319	ng	99
30) Benzo(a)anthracene	21.01	228	28410	0.281	ng	99
31) Chrysene	21.06	228	31642	0.324	ng	99
32) Bis(2-ethylhexyl)phthalate	20.97	149	12425	0.171	ng	99
33) Indeno(1,2,3-cd)pyrene	25.18	276	36901	0.314	ng	99
35) Benzo(b)fluoranthene	22.50	252	30265m	0.322	ng	
36) Benzo(k)fluoranthene	22.55	252	32447	0.350	ng	# 96
37) Benzo(a)pyrene	23.03	252	28736	0.322	ng	# 96
38) Dibenzo(a,h)anthracene	25.20	278	29360	0.329	ng	98
39) Benzo(g,h,i)perylene	25.81	276	30704	0.346	ng	98

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

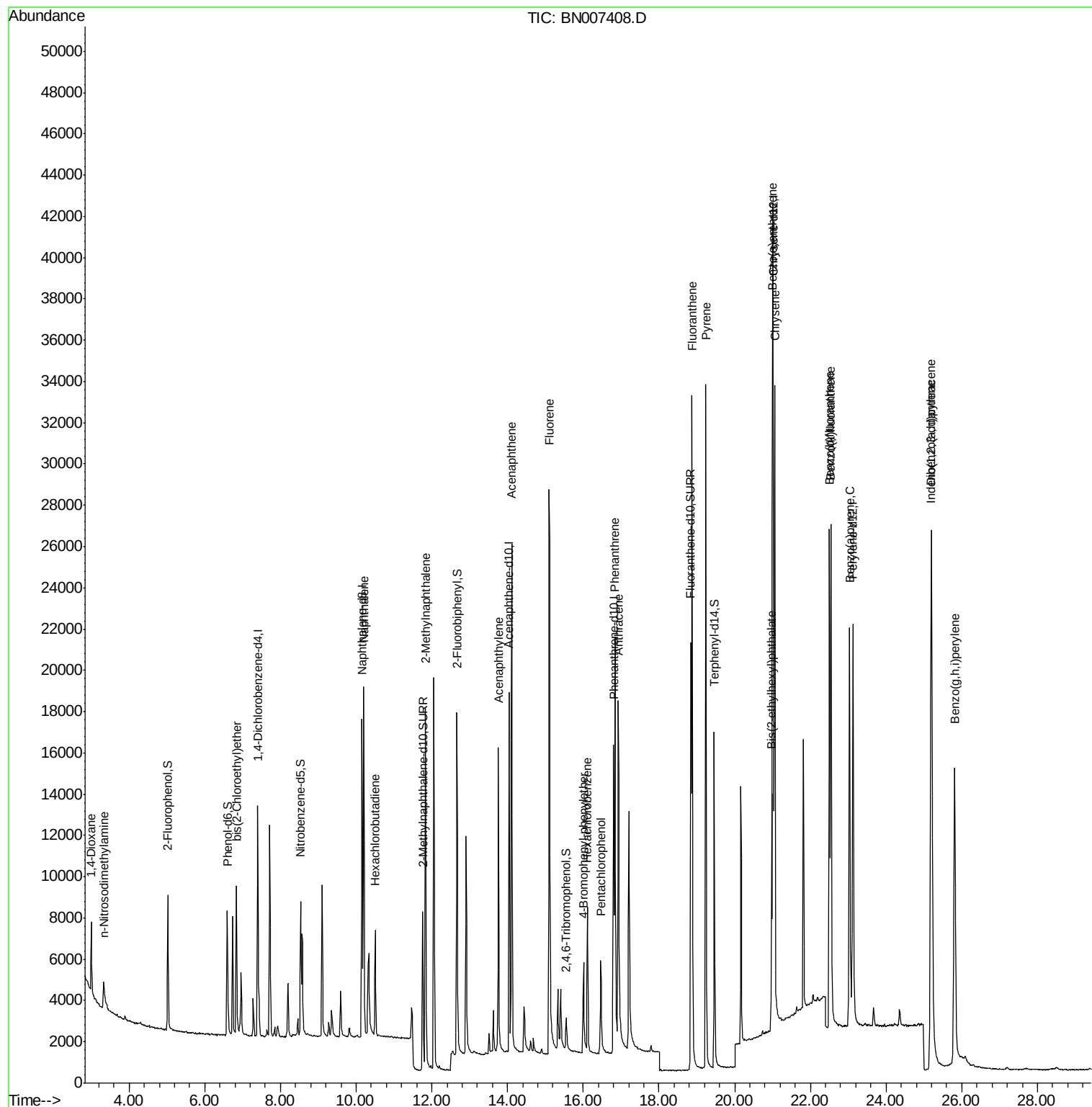
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
Data File : BN007408.D
Acq On : 26 Aug 2019 13:30
Operator : HP/JU
Sample : PB122289BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

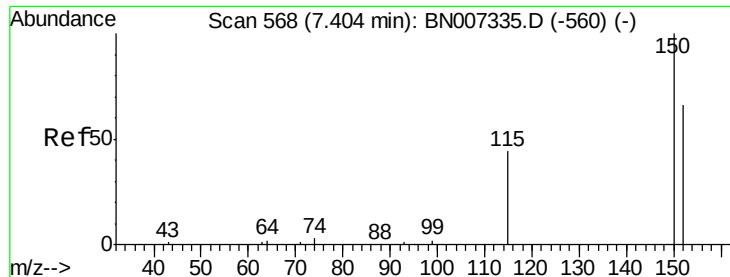
Instrument :
BNA_N
ClientSampleId :
PB122289BSD

Manual Integrations
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8/30/2019 8:57:02 AM

Quant Time: Aug 26 18:23:43 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





#1

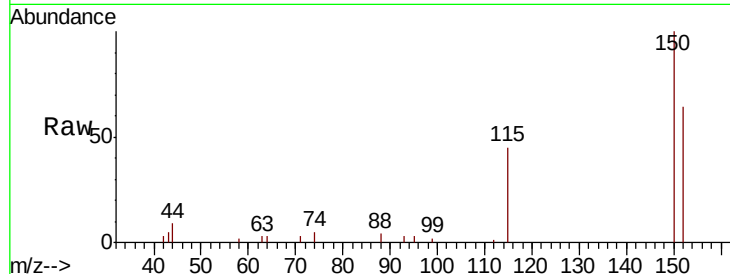
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PB122289BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	109.1	163.7
115	70.3	59.6	89.4

Manual Integrations
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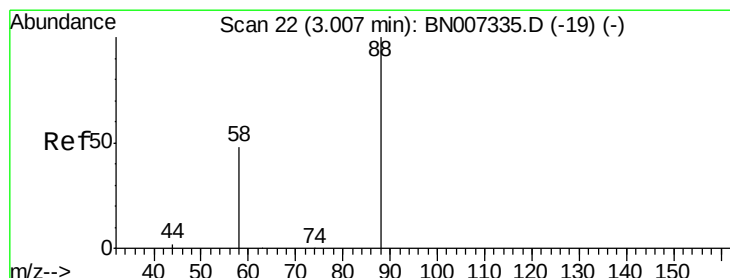
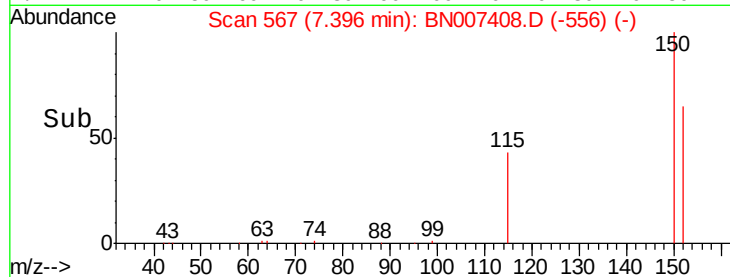
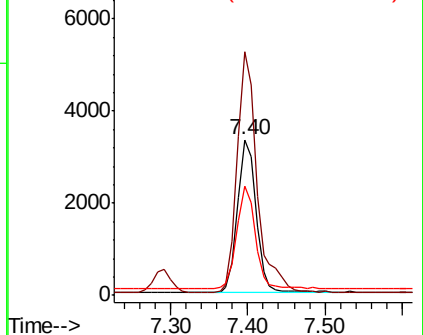


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

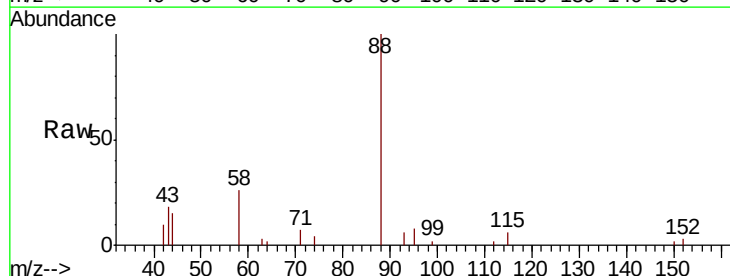
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.379 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	42.2	50.5	75.7#
43	15.7	0.0	0.0#

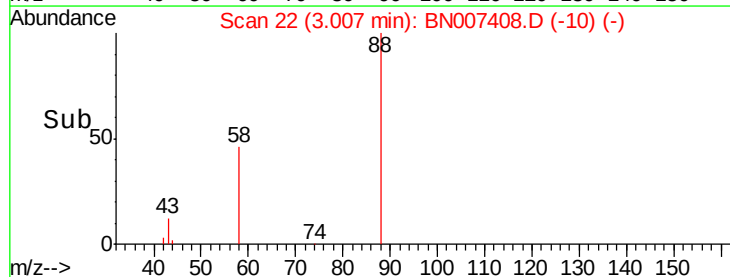
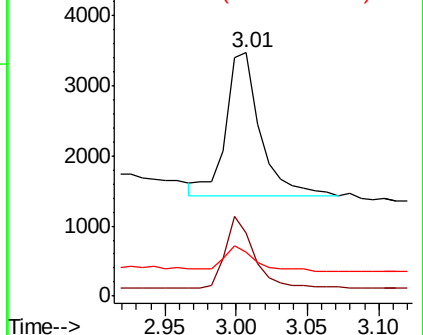


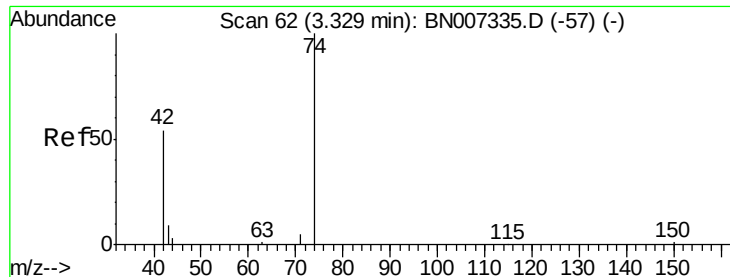
Abundance

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

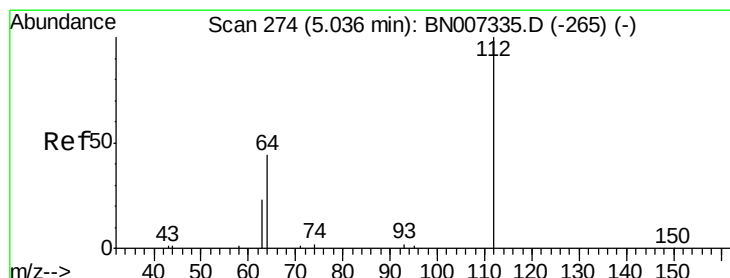
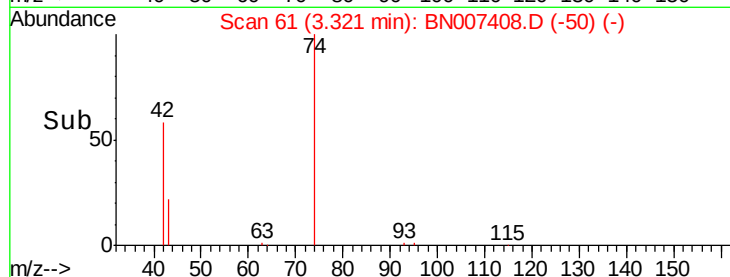
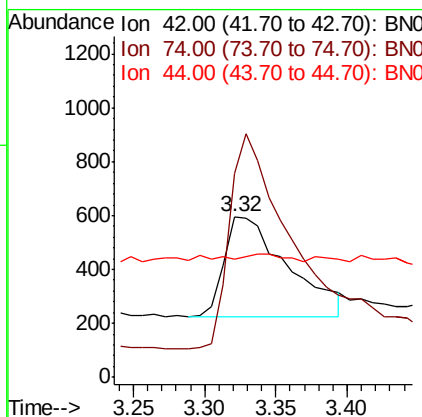
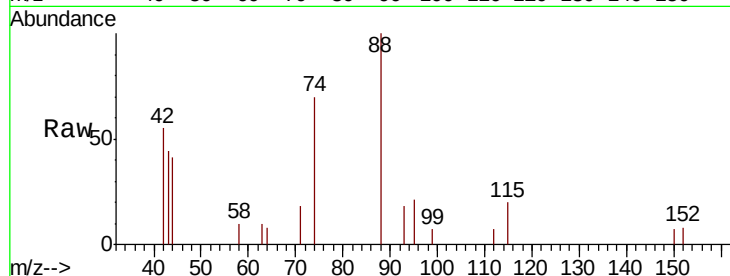
n-Nitrosodimethylamine
 Concen: 0.270 ng
 RT: 3.32 min Scan# 61
 Delta R.T. -0.01 min
 Lab File: BN007408.D
 Acq: 26 Aug 2019 13:30

Instrument :
 BNA_N
 ClientSampled :
 PB122289BSD

Tot Ion:	42	Resp:	1139
Ion	Ratio	Lower	Upper
42	100		
74	206.8	144.7	217.1
44	4.5	3.2	4.8

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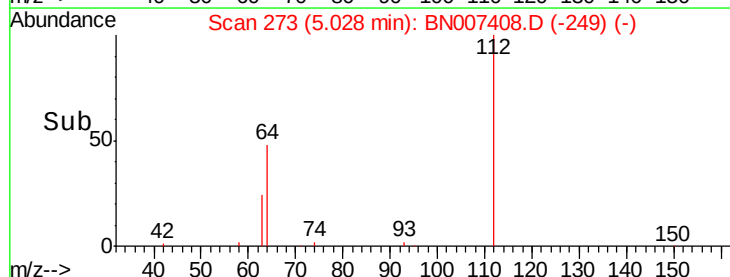
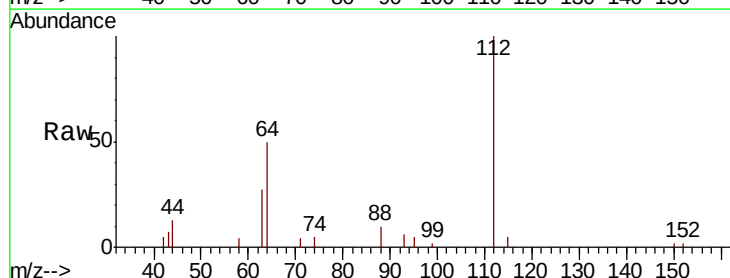
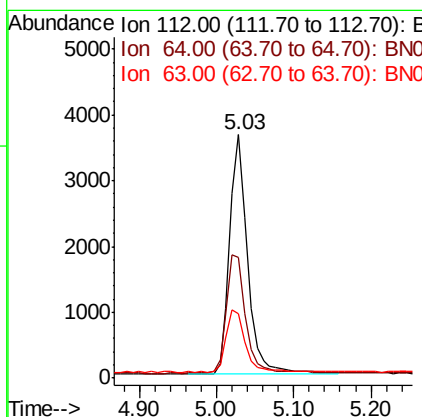
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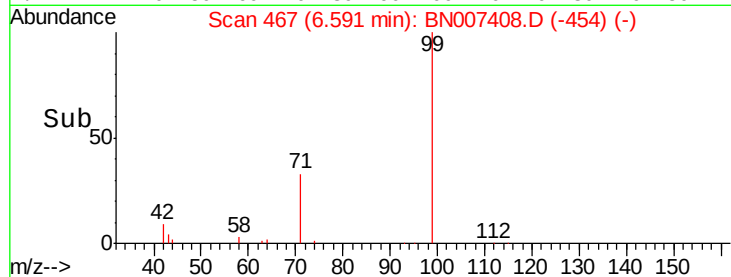
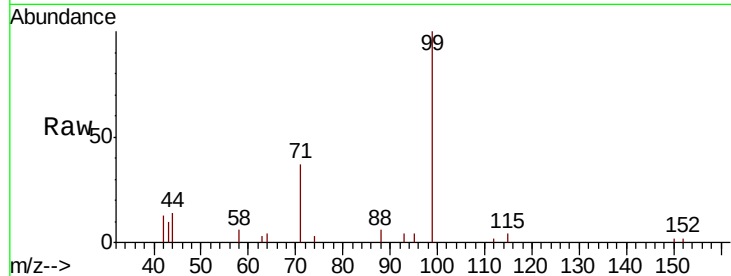
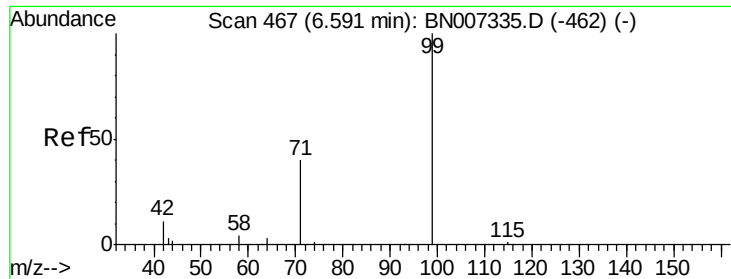


#4

2-Fluorophenol
 Concen: 0.302 ng
 RT: 5.03 min Scan# 273
 Delta R.T. -0.01 min
 Lab File: BN007408.D
 Acq: 26 Aug 2019 13:30

Tgt Ion:	112	Resp:	5854
Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.3	63.5
63	27.9	23.6	35.4





#5

Phenol-d6

Concen: 0.275 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007408.D

Acq: 26 Aug 2019 13:30

Tot Ion:	99	Resp:	6860
Ion	Ratio	Lower	Upper
99	100		
42	11.5	11.2	16.8
71	33.9	31.8	47.8

Instrument :

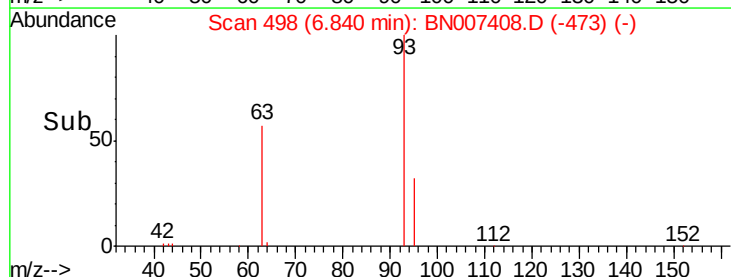
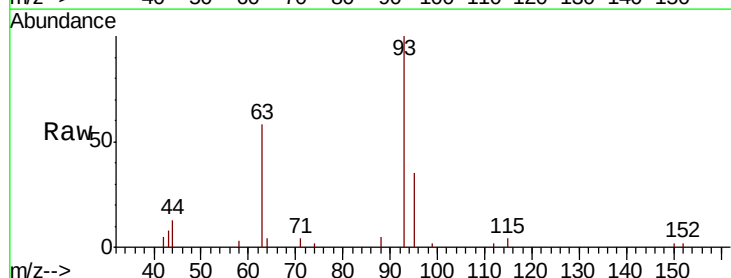
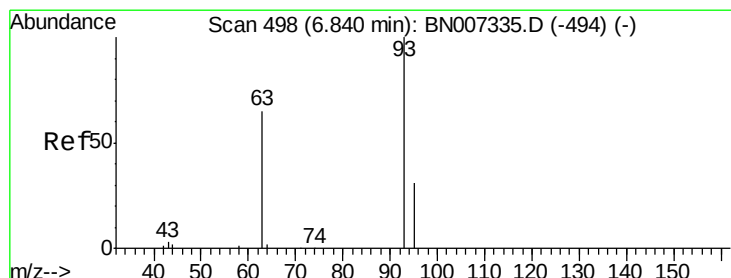
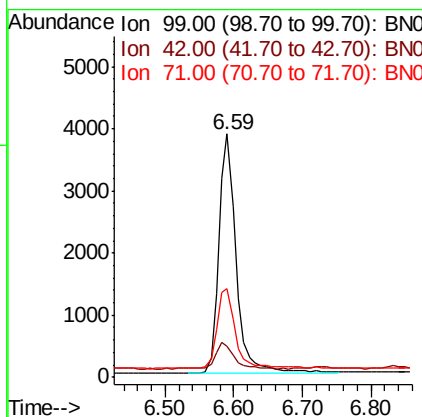
BNA_N

ClientSampled :

PB122289BSD

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.338 ng

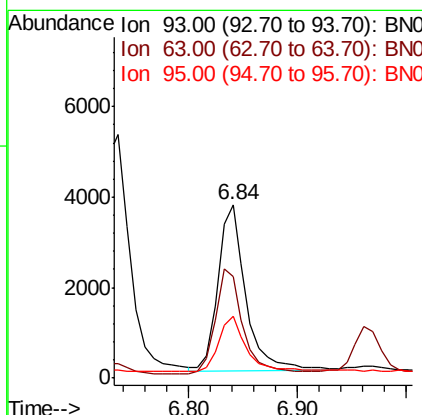
RT: 6.84 min Scan# 498

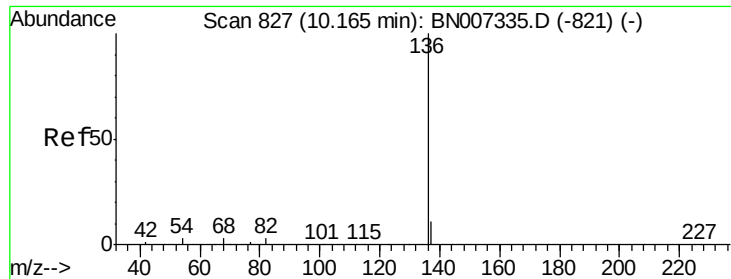
Delta R.T. 0.00 min

Lab File: BN007408.D

Acq: 26 Aug 2019 13:30

Tgt Ion:	93	Resp:	6670
Ion	Ratio	Lower	Upper
93	100		
63	61.4	51.9	77.9
95	31.4	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: BN007408.D

Acq: 26 Aug 2019 13:30

Instrument :

BNA_N

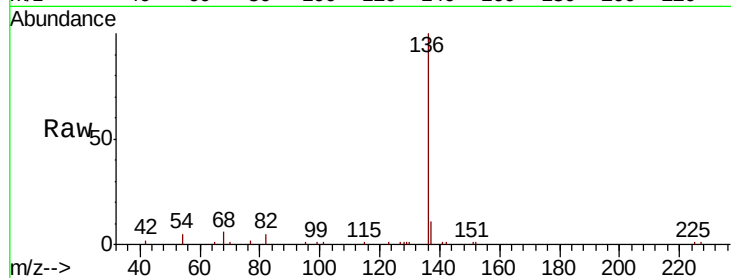
ClientSampleId :

PB122289BSD

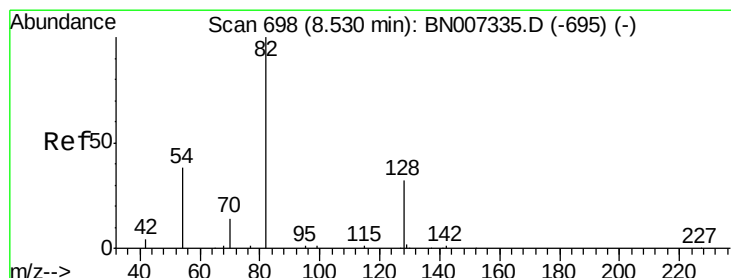
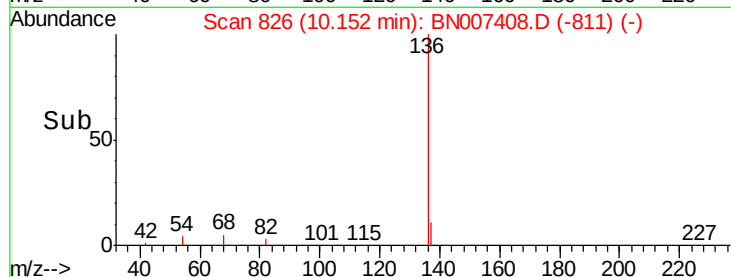
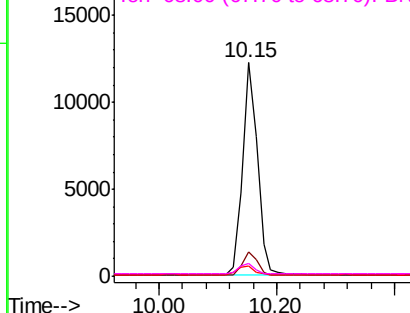
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	12.9	19.3#
54	4.7	8.6	12.8#
68	6.1	17.0	25.4#

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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: 0.323 ng

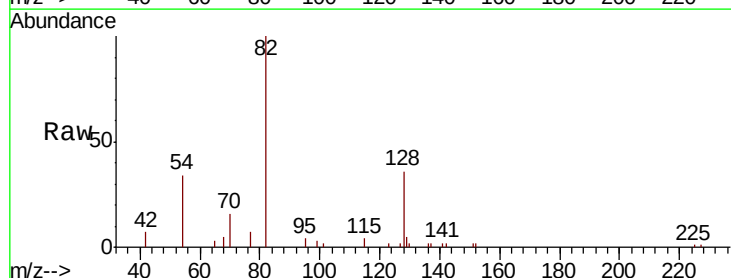
RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

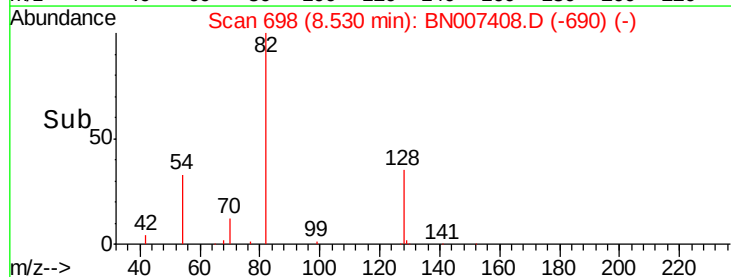
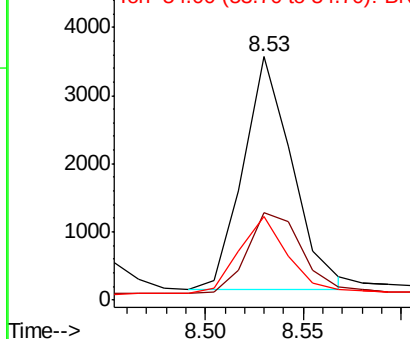
Lab File: BN007408.D

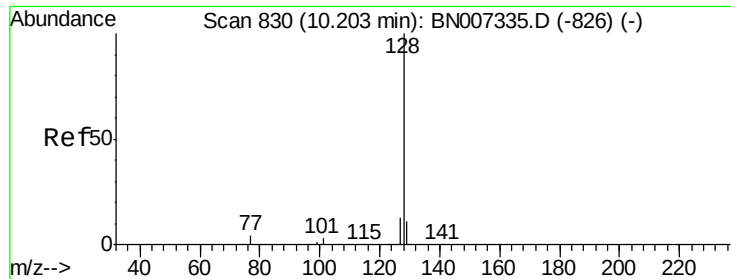
Acq: 26 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.0	19.7	29.5#
54	34.2	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: 0.352 ng

RT: 10.20 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN007408.D

Acq: 26 Aug 2019 13:30

Instrument :

BNA_N

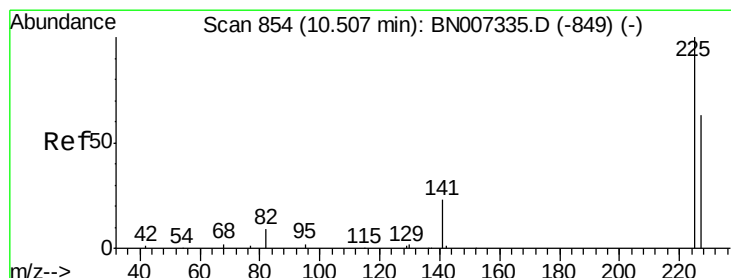
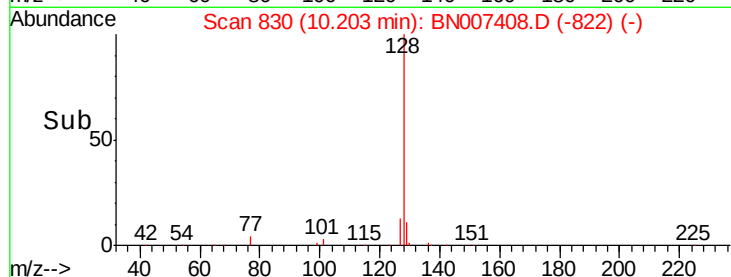
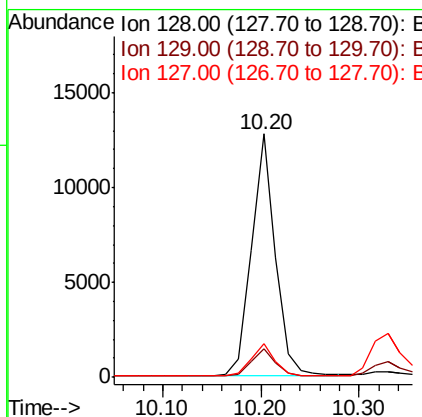
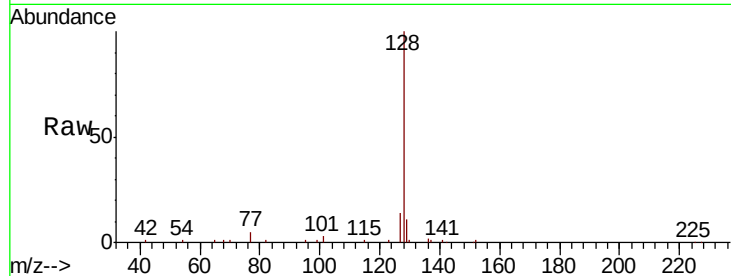
ClientSampleId :

PB122289BSD

Tot Ion:	128	Resp:	21413
Ion Ratio	Lower	Upper	
128	100		
129	11.5	11.1	16.7
127	13.6	15.5	23.3#

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#10

Hexachlorobutadiene

Concen: 0.333 ng

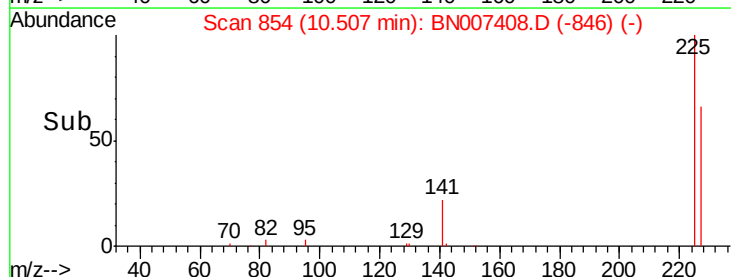
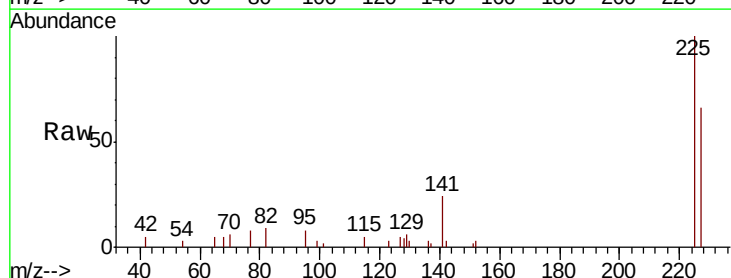
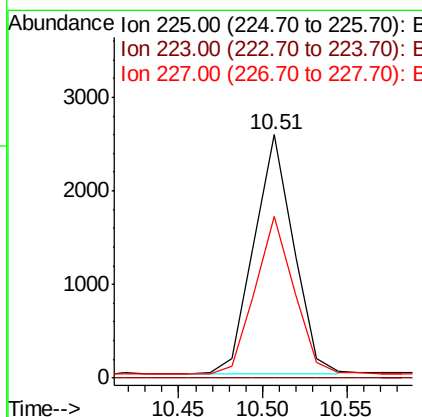
RT: 10.51 min Scan# 854

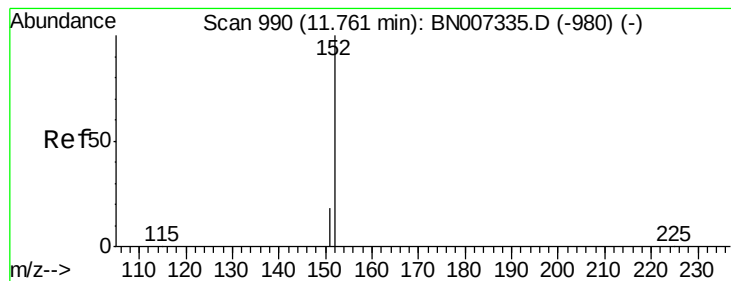
Delta R.T. 0.00 min

Lab File: BN007408.D

Acq: 26 Aug 2019 13:30

Tgt Ion:	225	Resp:	4149
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.8	50.7	76.1





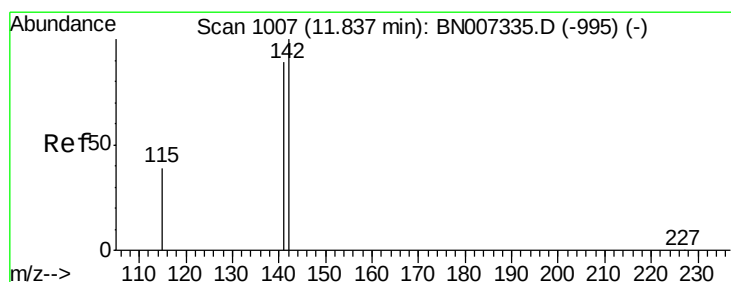
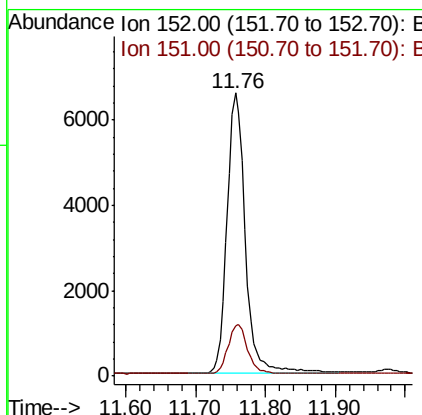
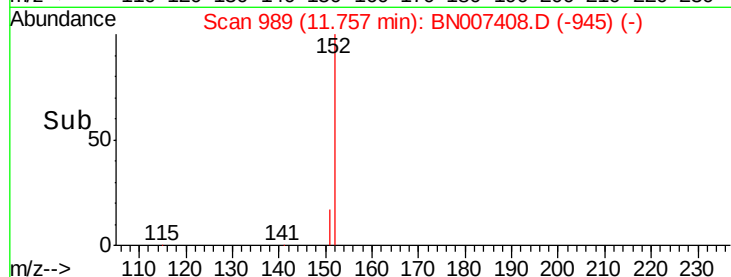
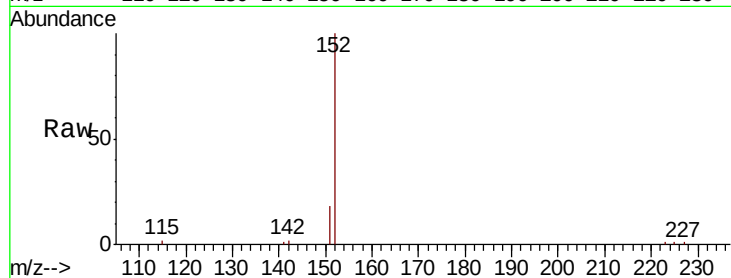
#11
 2-Methylnaphthalene-d10
 Concen: 0.339 ng
 RT: 11.76 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BN007408.D
 Acq: 26 Aug 2019 13:30

Instrument :
 BNA_N
 ClientSampleId :
 PB122289BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.2

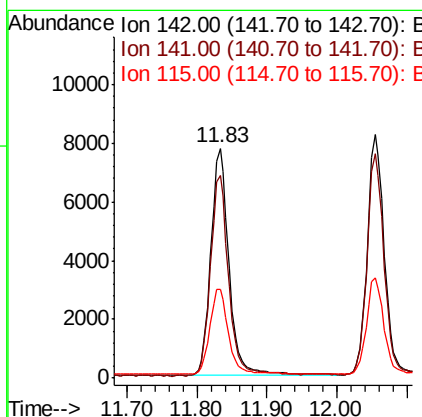
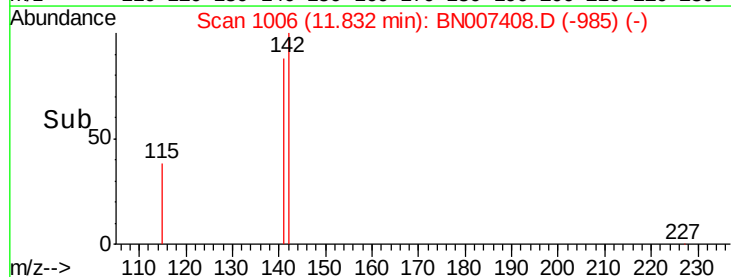
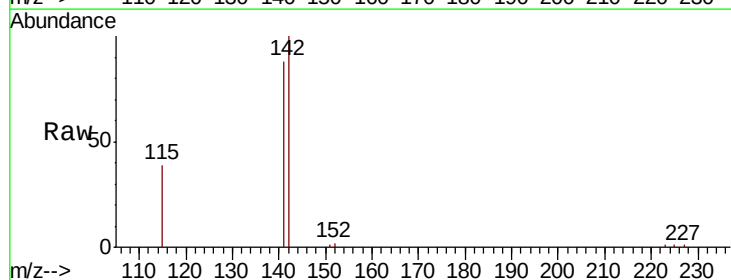
Manual Integrations
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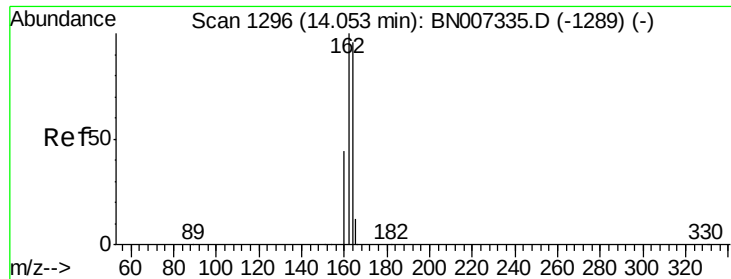
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#12
 2-Methylnaphthalene
 Concen: 0.339 ng
 RT: 11.83 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BN007408.D
 Acq: 26 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.8	109.2
115	38.9	35.2	52.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007408.D

Acq: 26 Aug 2019 13:30

Instrument :

BNA_N

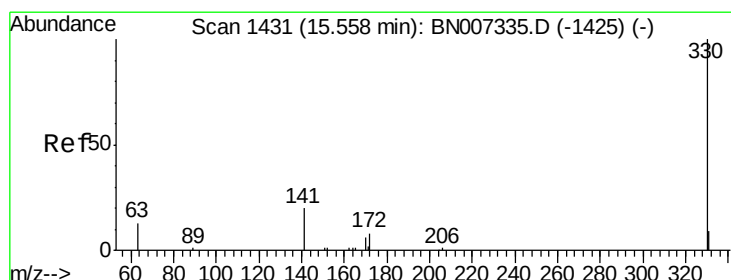
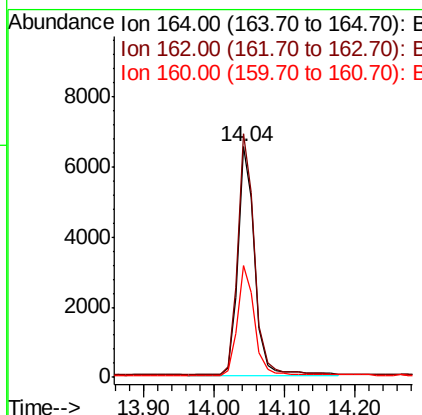
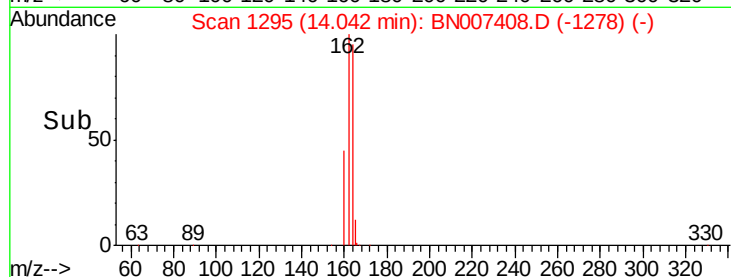
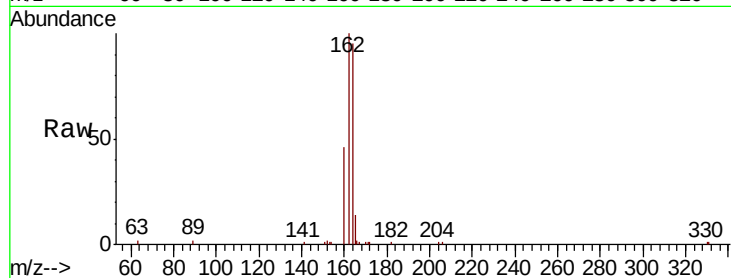
ClientSampleId :

PB122289BSD

Tot Ion:	164	Resp:	10868
Ion Ratio	Lower	Upper	
164	100		
162	105.6	83.5	125.3
160	48.2	38.2	57.4

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#14

2,4,6-Tribromophenol

Concen: 0.305 ng

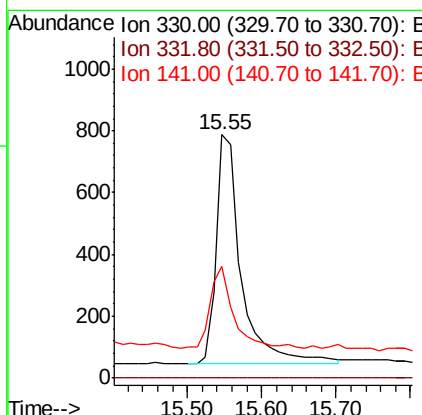
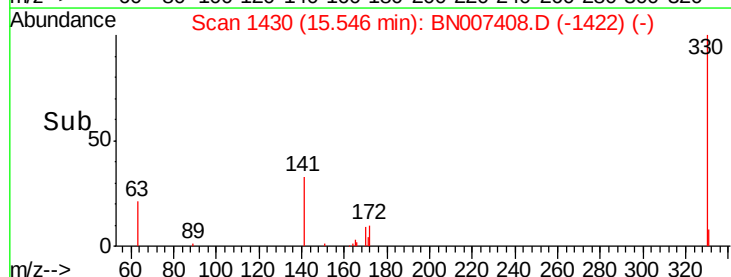
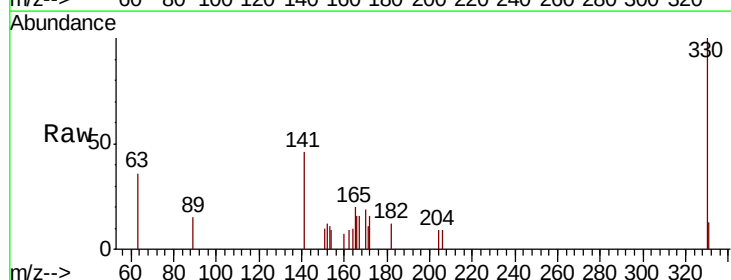
RT: 15.55 min Scan# 1430

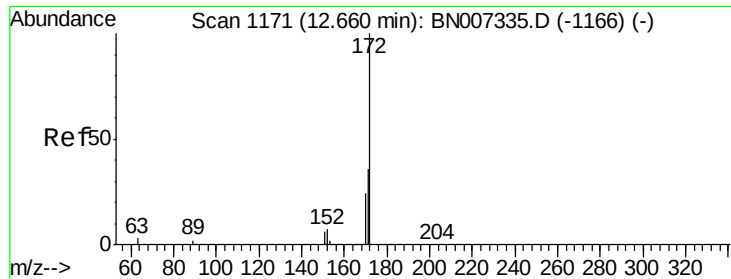
Delta R.T. -0.01 min

Lab File: BN007408.D

Acq: 26 Aug 2019 13:30

Tgt Ion:	330	Resp:	1734
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	32.8	26.9	40.3





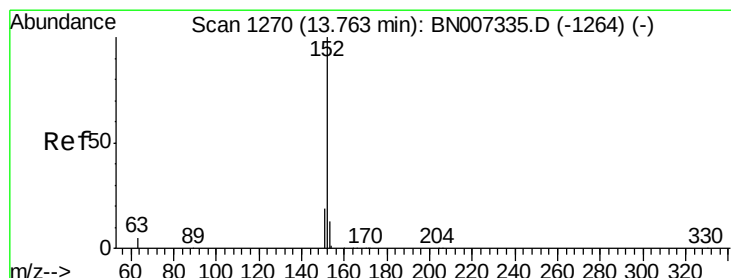
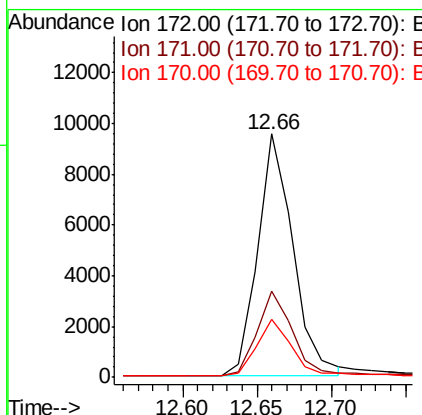
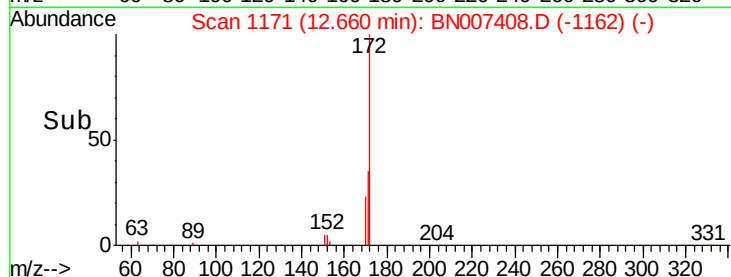
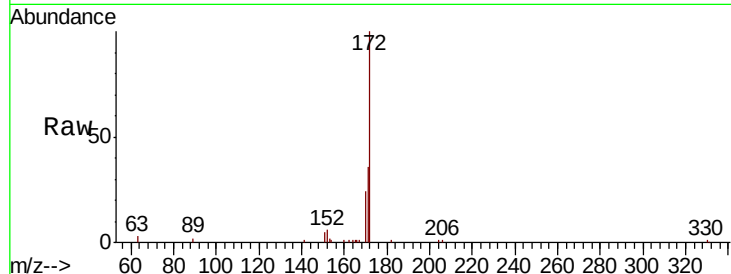
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PB122289BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.3	45.5
170	23.8	20.7	31.1

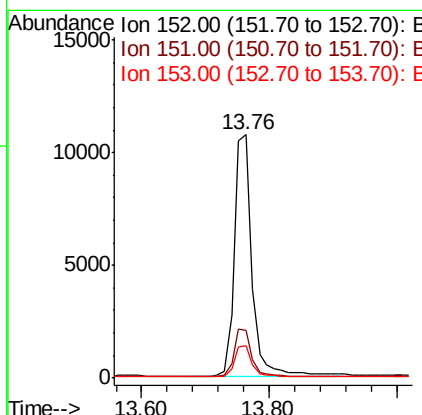
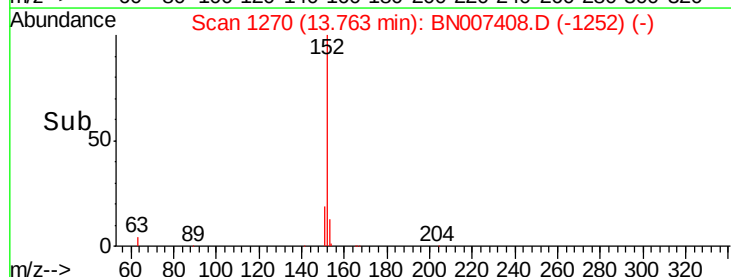
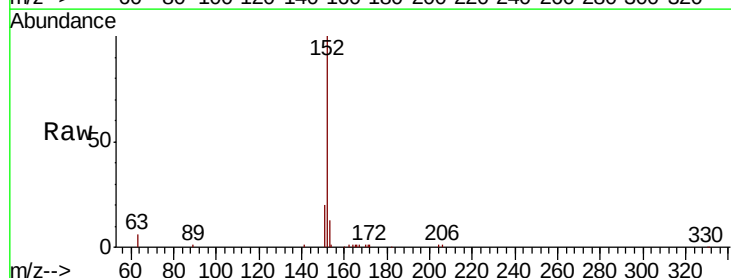
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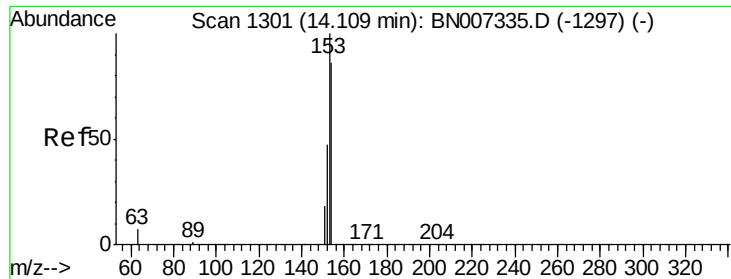
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#16
Acenaphthylene
Concen: 0.322 ng
RT: 13.76 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.0	10.6	15.8





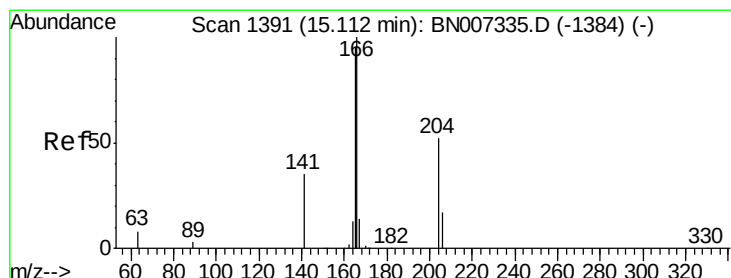
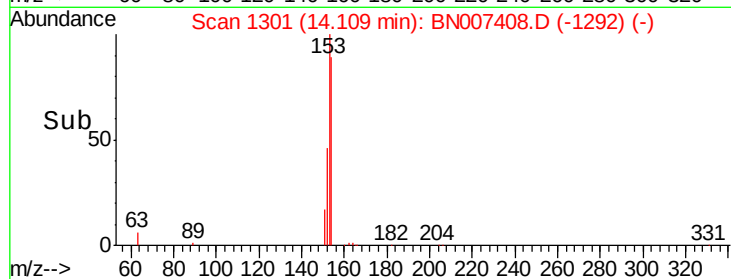
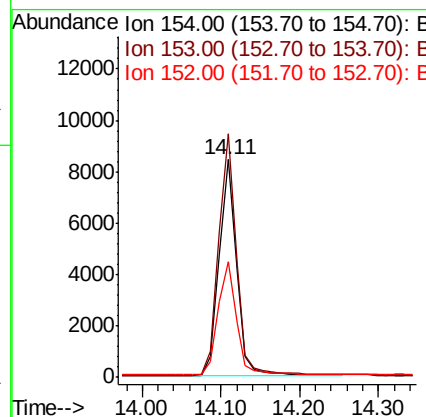
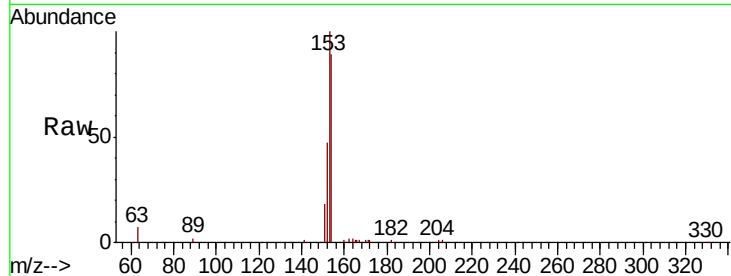
#17
Acenaphthene
Concen: 0.352 ng
RT: 14.11 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PB122289BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.7	92.8	139.2
152	53.4	43.8	65.8

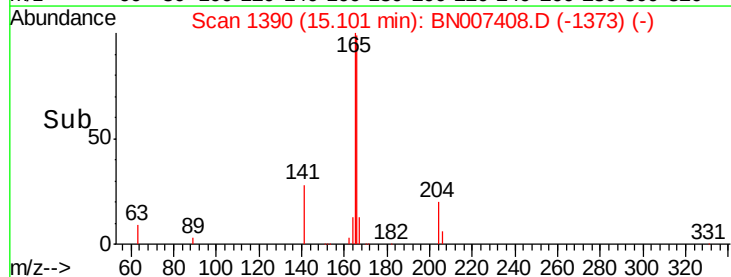
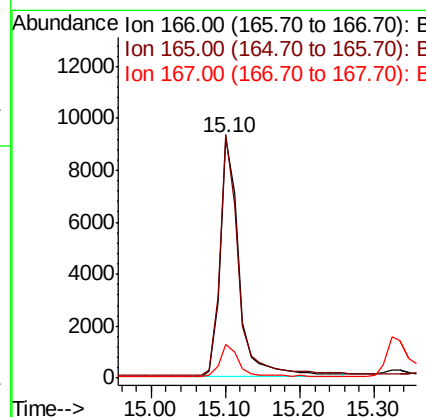
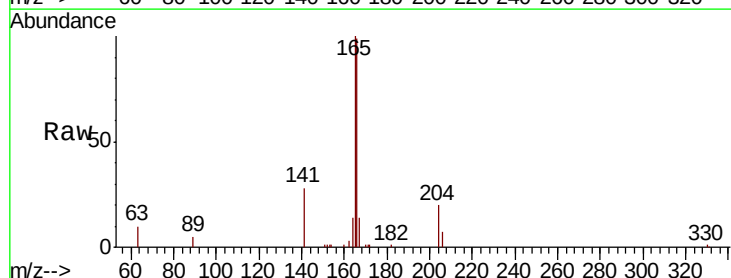
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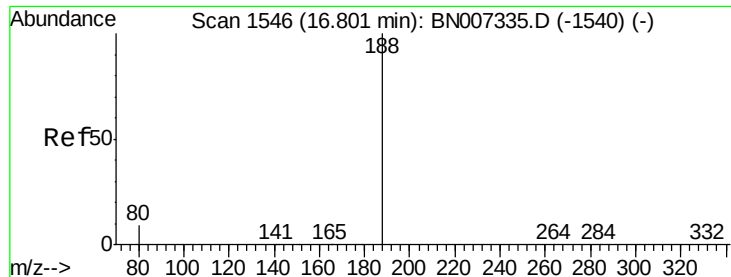
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#18
Fluorene
Concen: 0.343 ng
RT: 15.10 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.0	118.4
167	13.4	10.6	15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BN007408.D

Acq: 26 Aug 2019 13:30

Instrument :

BNA_N

ClientSampleId :

PB122289BSD

Tot Ion:188 Resp: 24737

Ion Ratio Lower Upper

188 100

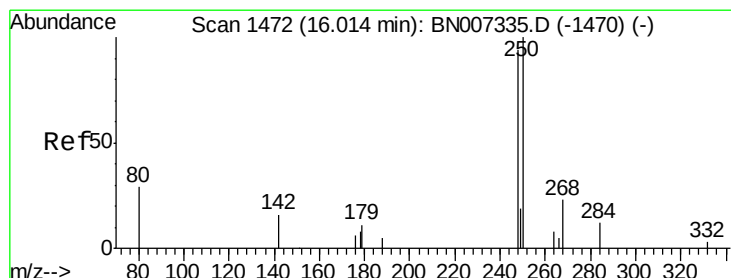
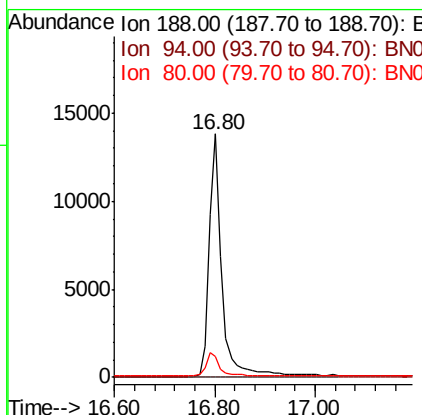
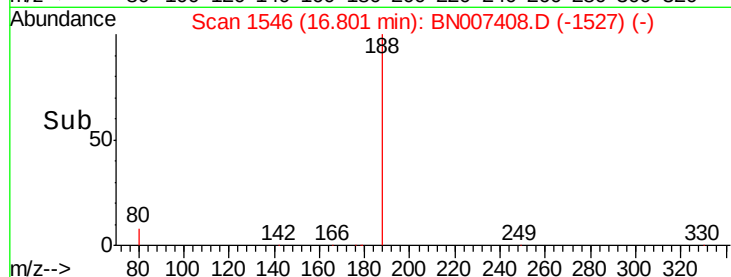
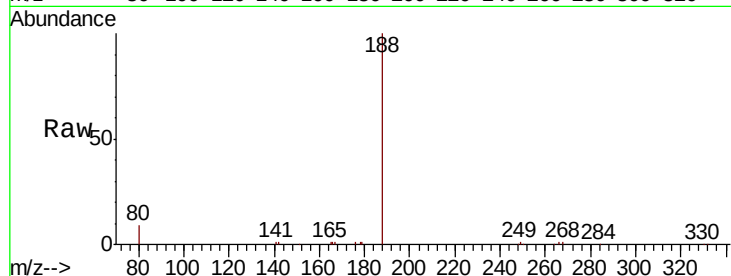
94 0.0 0.0 0.0

80 8.8 11.8 17.8#

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#20

4-Bromophenyl-phenylether

Concen: 0.224 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN007408.D

Acq: 26 Aug 2019 13:30

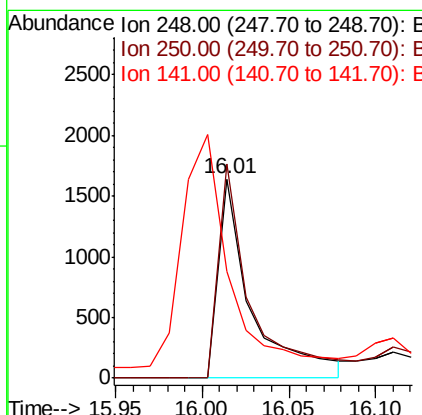
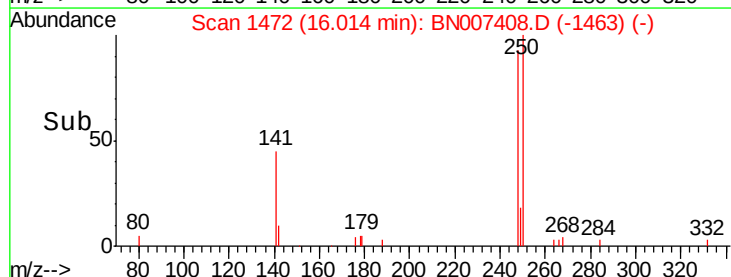
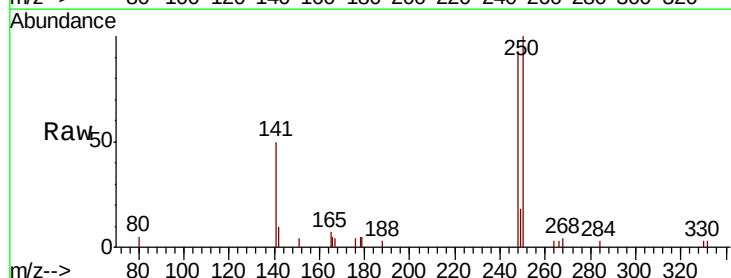
Tgt Ion:248 Resp: 2186

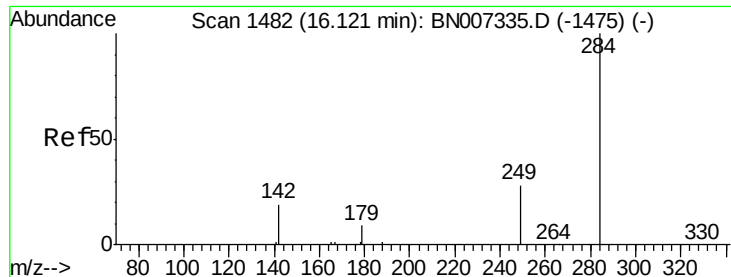
Ion Ratio Lower Upper

248 100

250 107.5 85.0 127.6

141 53.3 51.7 77.5





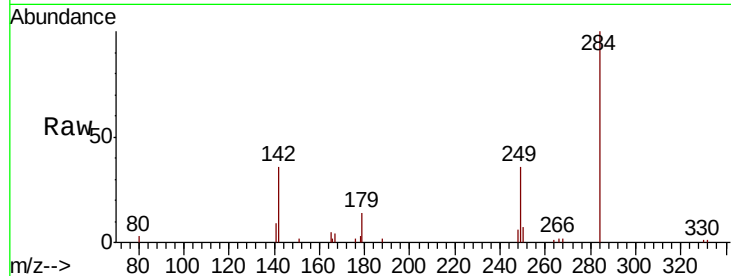
#21
Hexachlorobenzene
Concen: 0.363 ng
RT: 16.11 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PB122289BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.8	29.0	43.6
249	30.4	24.9	37.3

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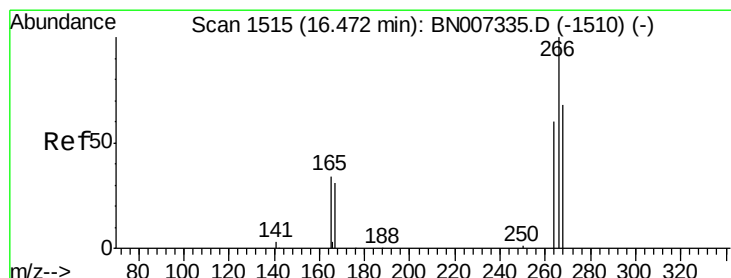
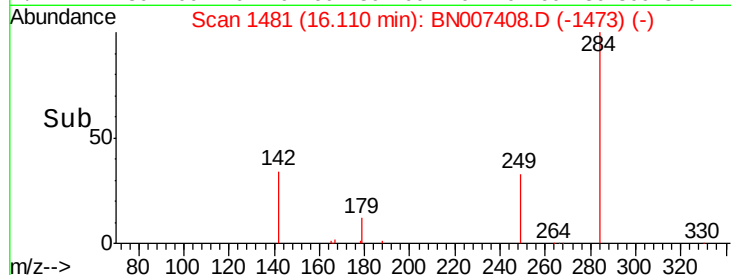
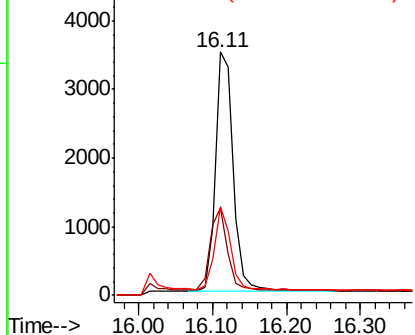


Abundance

Ion 283.80 (283.50 to 284.50): E

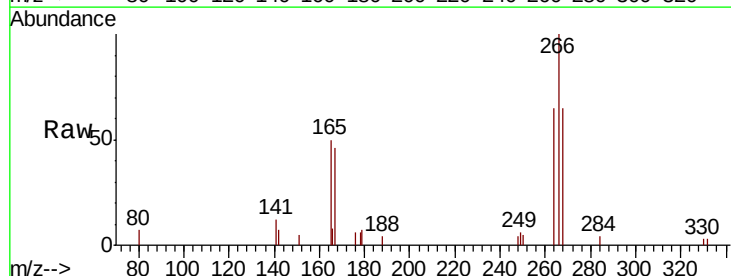
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.631 ng
RT: 16.46 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.4	57.8	86.8
268	65.1	99.7	149.5#

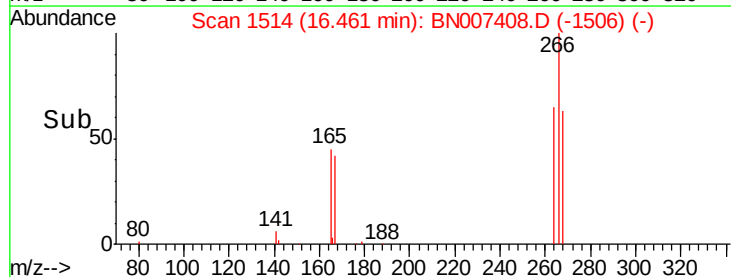
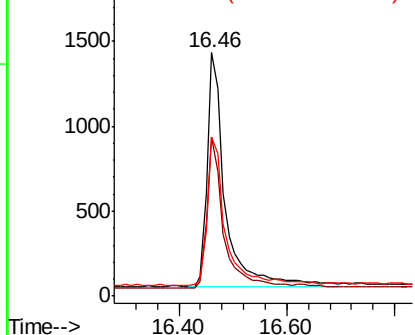


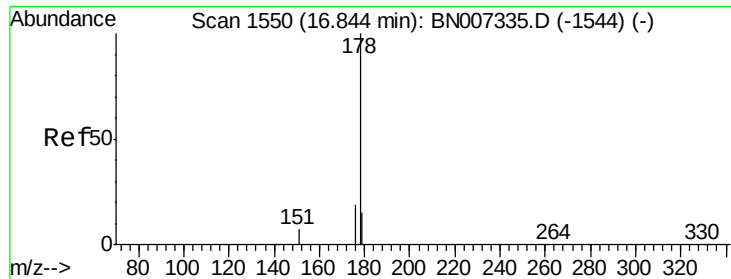
Abundance

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: 0.343 ng

RT: 16.84 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BN007408.D

Acq: 26 Aug 2019 13:30

Instrument :

BNA_N

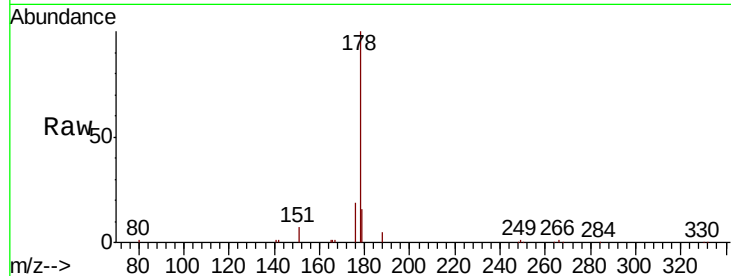
ClientSampleId :

PB122289BSD

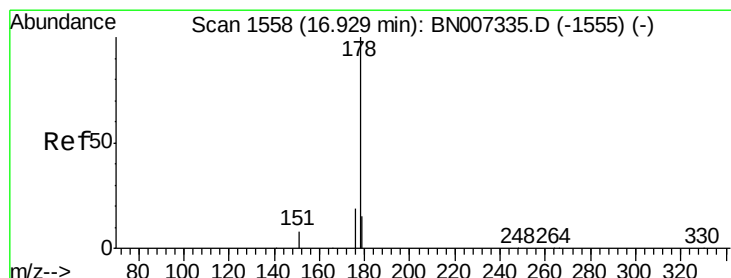
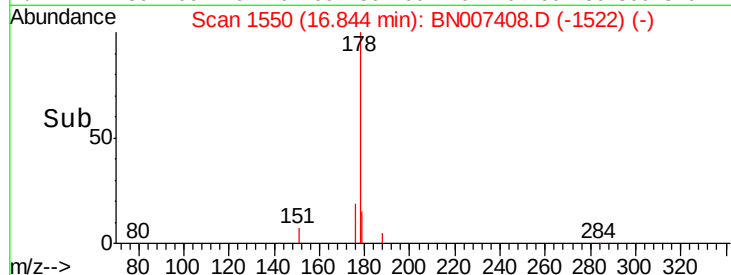
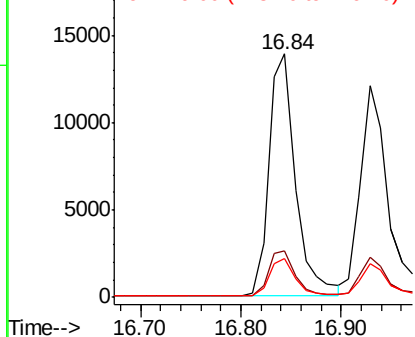
Tot Ion:	178	Resp:	25502
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.3	22.9
179	15.4	12.6	19.0

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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: 0.306 ng

RT: 16.93 min Scan# 1558

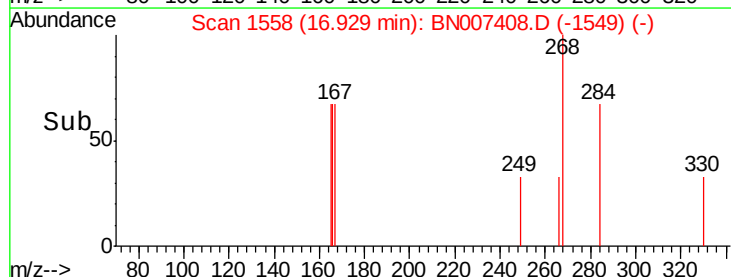
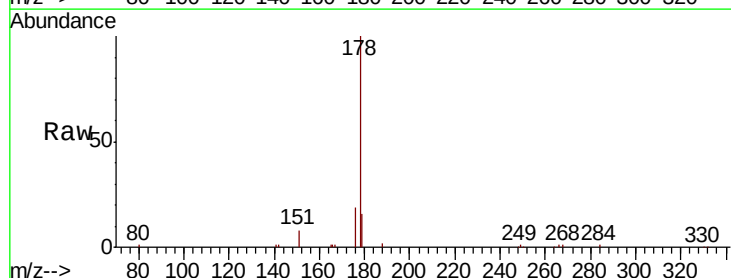
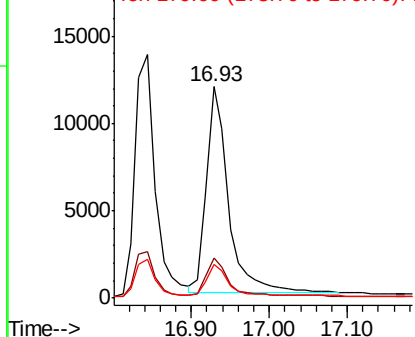
Delta R.T. 0.00 min

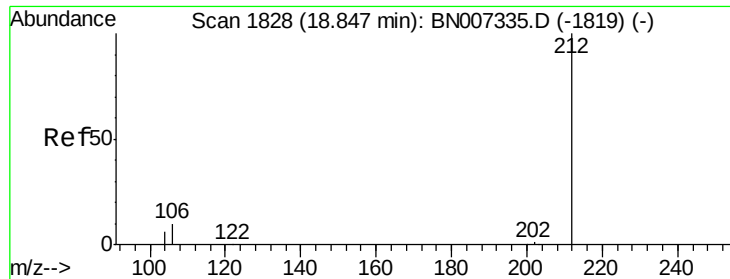
Lab File: BN007408.D

Acq: 26 Aug 2019 13:30

Tgt Ion:	178	Resp:	22887
Ion Ratio	Lower	Upper	
178	100		
176	18.4	14.9	22.3
179	15.1	12.4	18.6

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





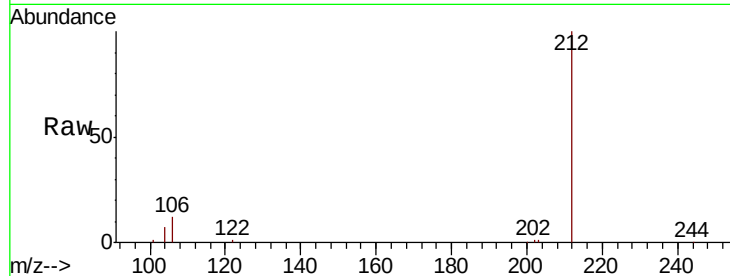
#25
 Fluoranthene-d10
 Concen: 0.332 ng
 RT: 18.84 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BN007408.D
 Acq: 26 Aug 2019 13:30

Instrument :
 BNA_N
 ClientSampleId :
 PB122289BSD

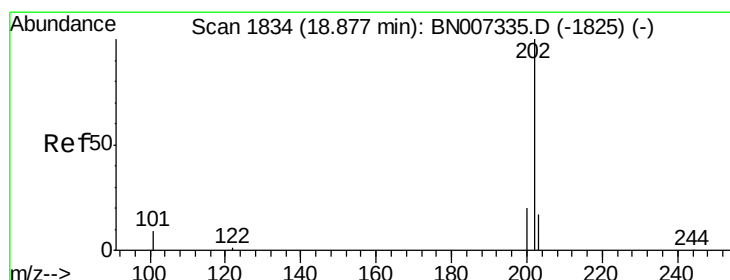
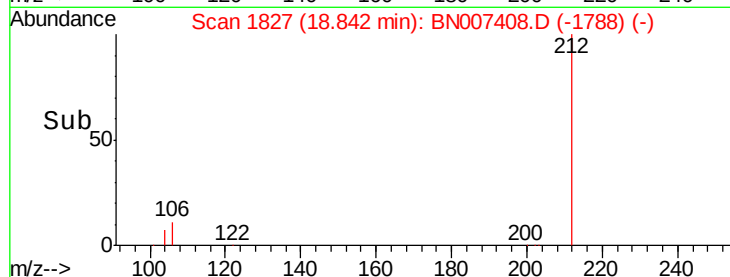
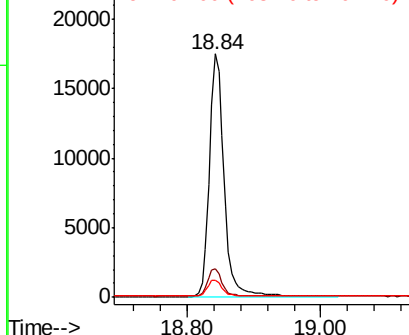
Tot Ion	Ratio	Resp	Lower	Upper
212	100	26481		
106	11.5		9.0	13.4
104	6.6		5.4	8.2

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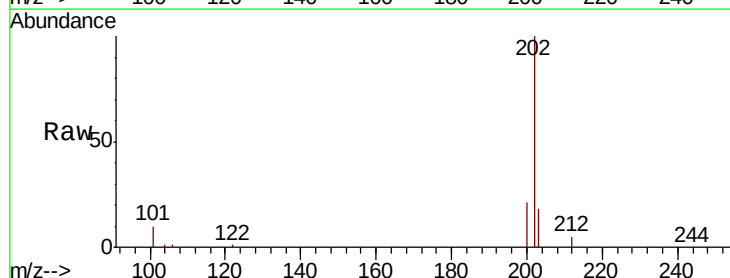


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

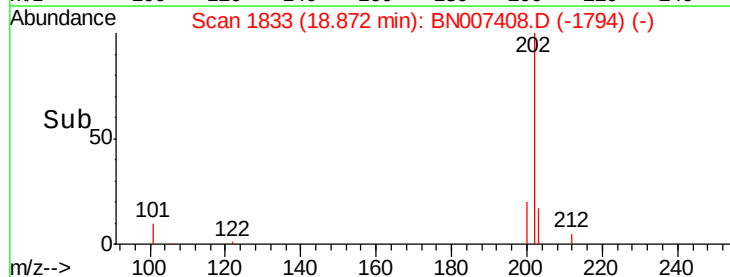
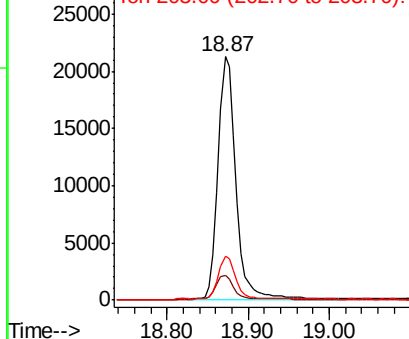


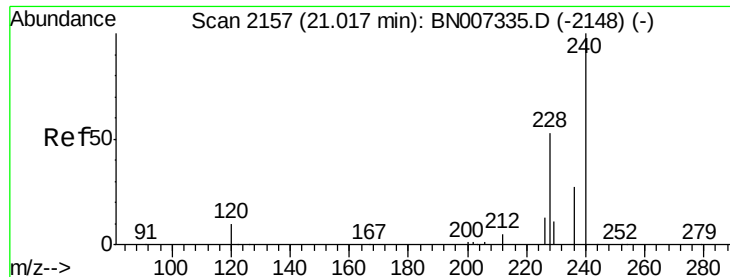
#26
 Fluoranthene
 Concen: 0.337 ng
 RT: 18.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BN007408.D
 Acq: 26 Aug 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	32161		
101	9.7		7.7	11.5
203	17.0		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





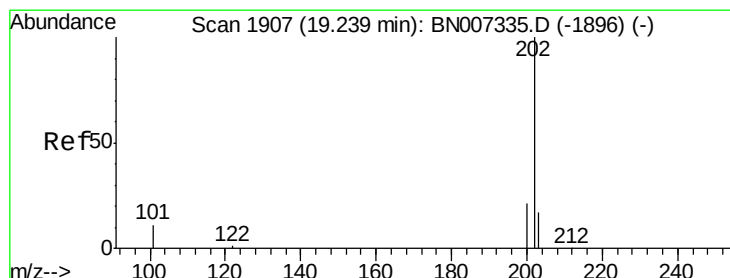
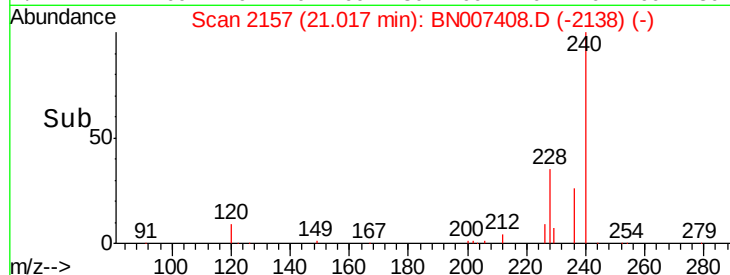
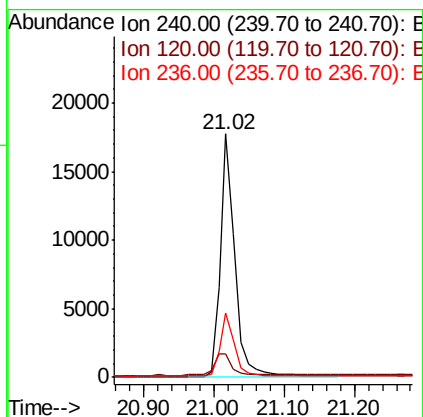
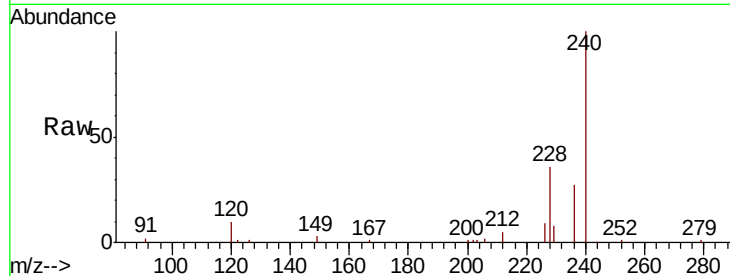
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PB122289BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.6	14.4#
236	26.6	22.2	33.2

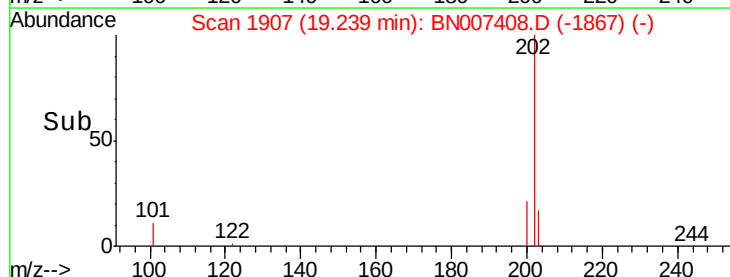
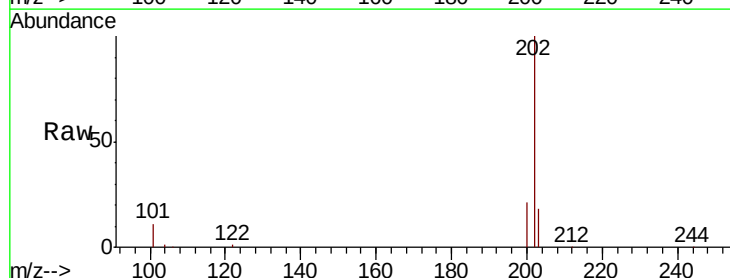
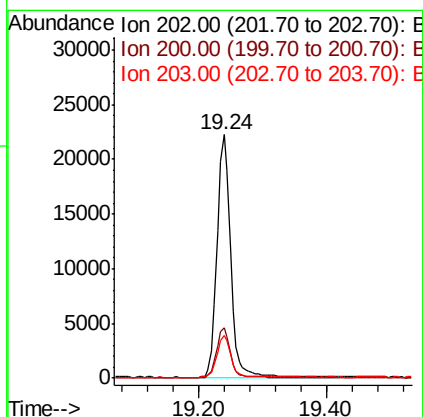
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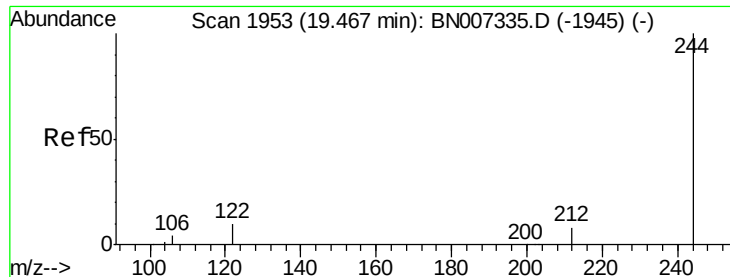
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#28
Pyrene
Concen: 0.319 ng
RT: 19.24 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	17.5	14.2	21.4





#29

Terphenyl-d14

Concen: 0.283 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BN007408.D

Acq: 26 Aug 2019 13:30

Instrument :

BNA_N

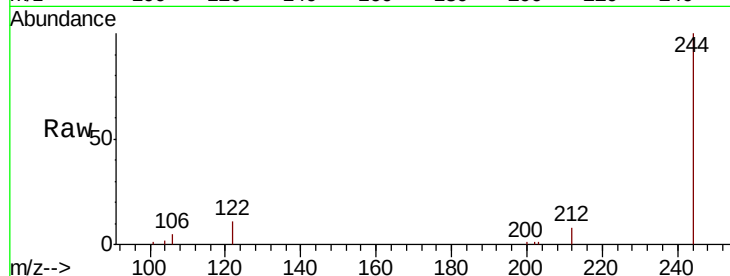
ClientSampleId :

PB122289BSD

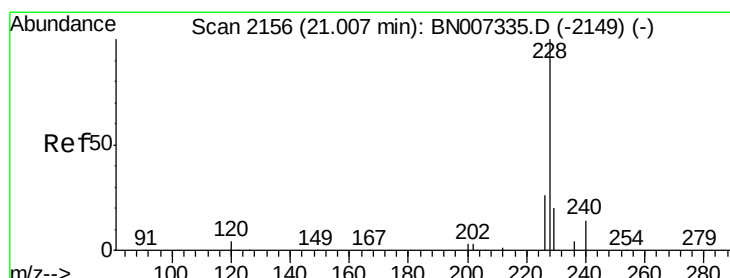
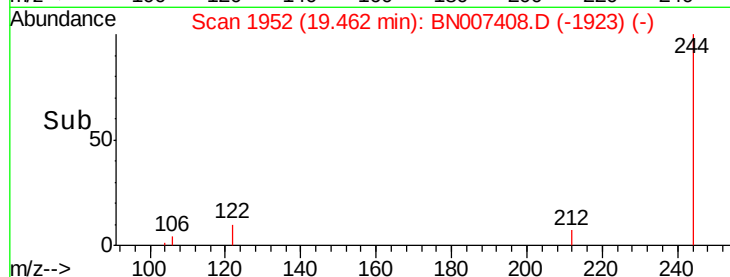
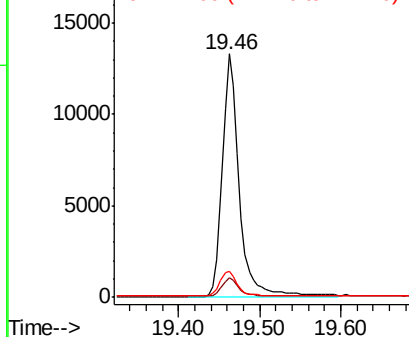
Tot Ion:	244	Resp:	19060
Ion Ratio	Lower	Upper	
244	100		
212	7.9	7.0	10.6
122	10.5	9.6	14.4

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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: 0.281 ng

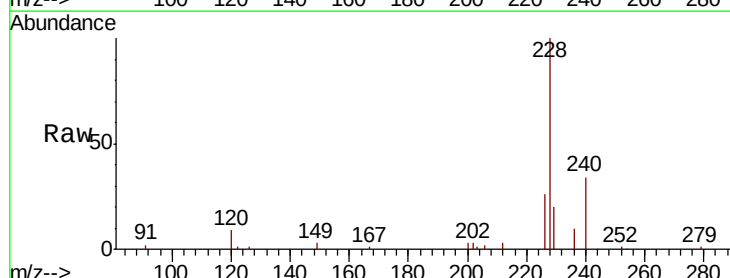
RT: 21.01 min Scan# 2156

Delta R.T. 0.00 min

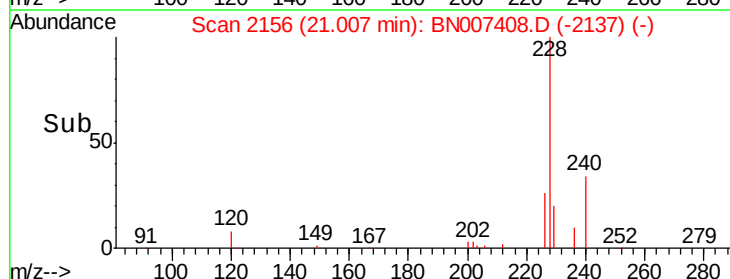
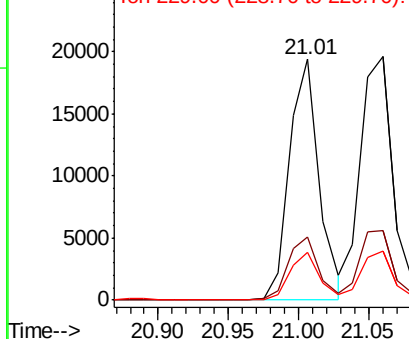
Lab File: BN007408.D

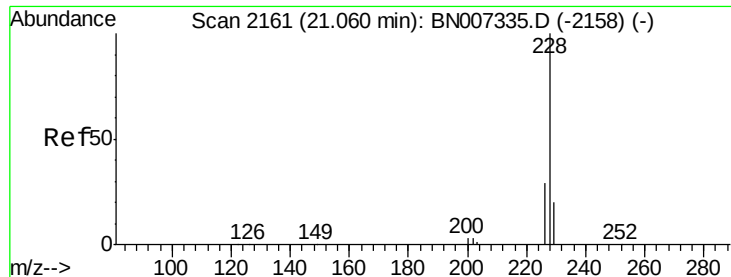
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Tgt Ion:	228	Resp:	28410
Ion Ratio	Lower	Upper	
228	100		
226	26.1	21.3	31.9
229	19.8	16.1	24.1



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





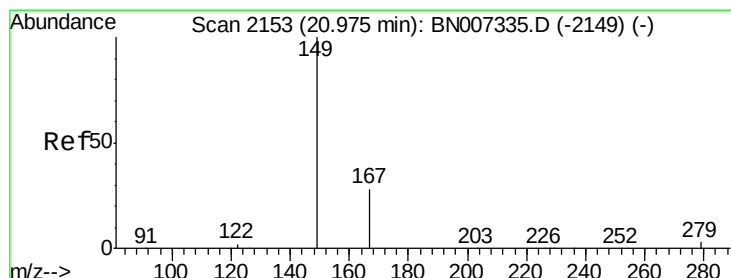
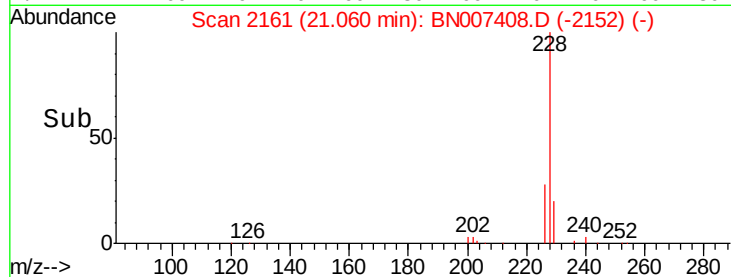
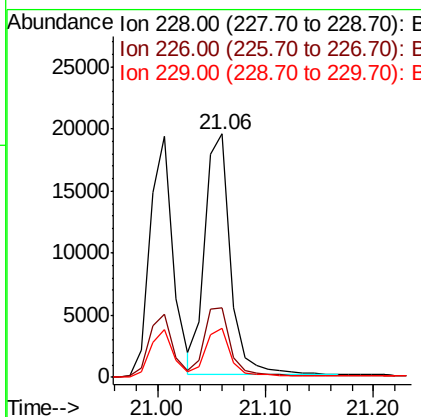
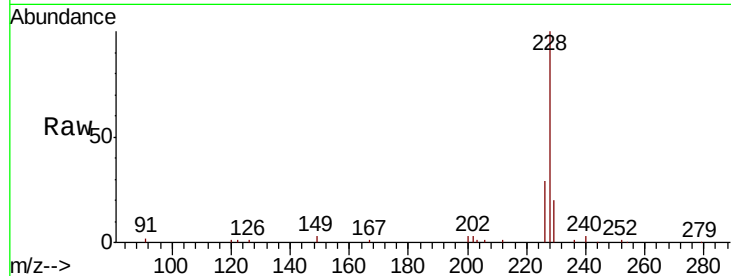
#31
Chrysene
Concen: 0.324 ng
RT: 21.06 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampled :
PB122289BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.5	35.3
229	20.1	16.6	24.8

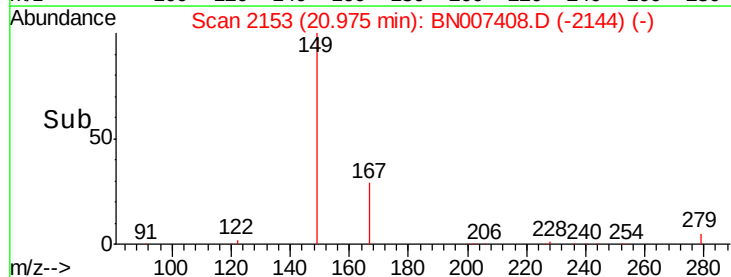
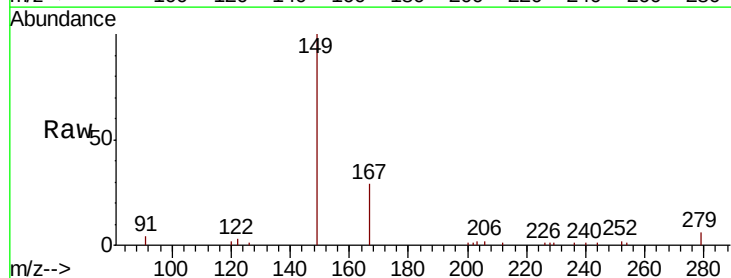
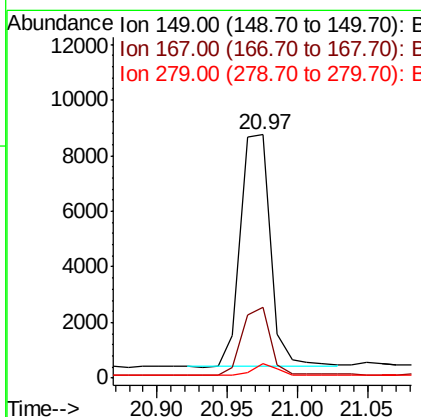
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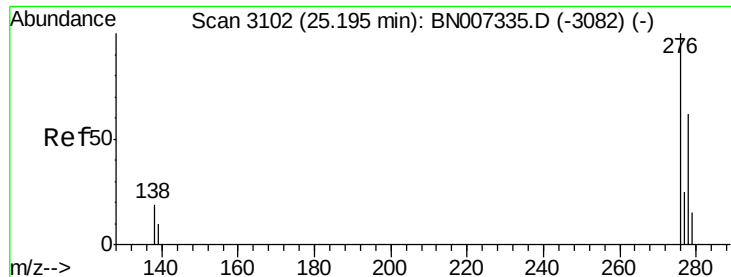
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.171 ng
RT: 20.97 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.8	34.2
279	4.2	3.5	5.3





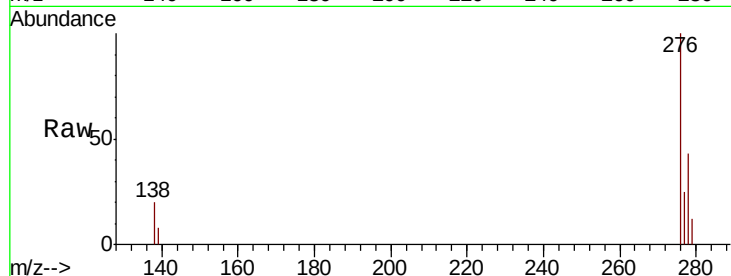
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.314 ng
RT: 25.18 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PB122289BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	15.1	22.7
277	24.5	19.7	29.5

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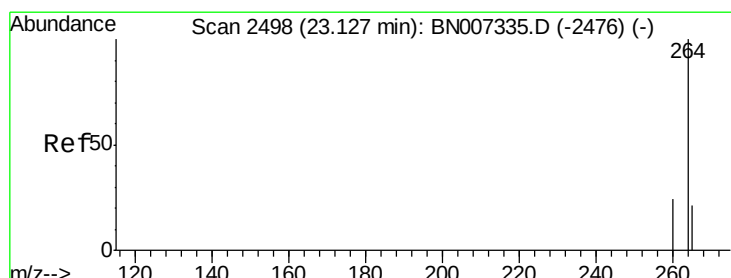
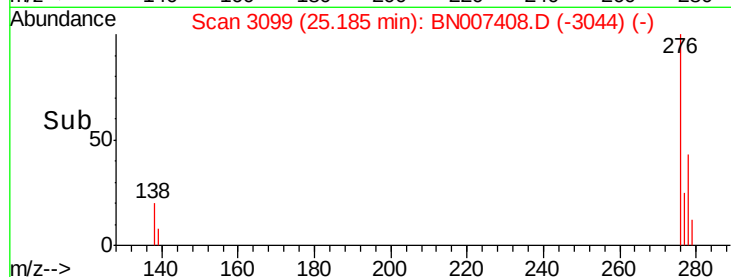
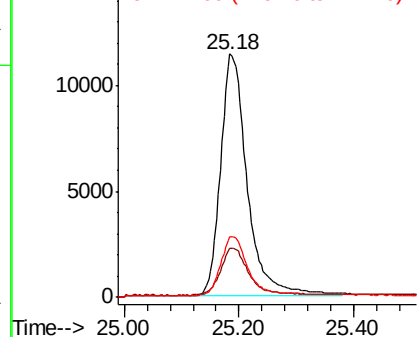


Abundance

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: 23.12 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

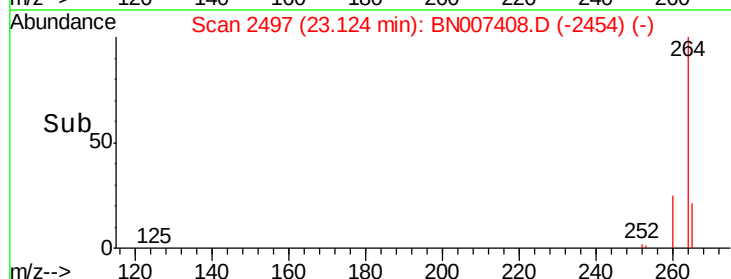
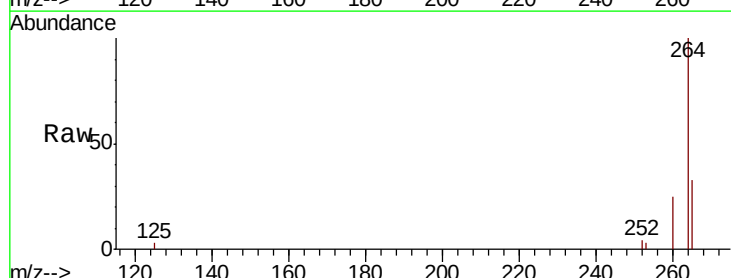
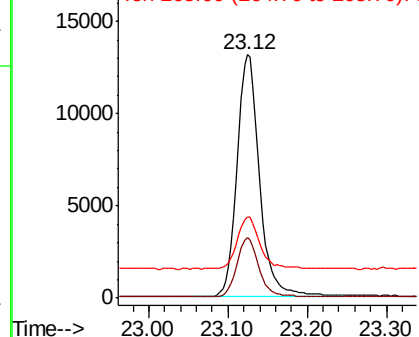
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	33.1	29.9	44.9

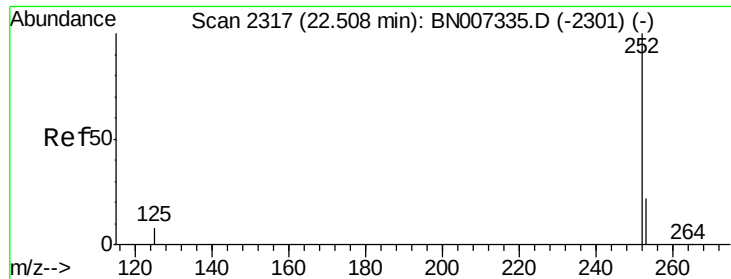
Abundance

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





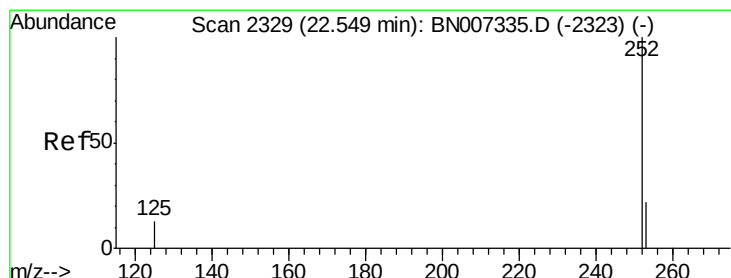
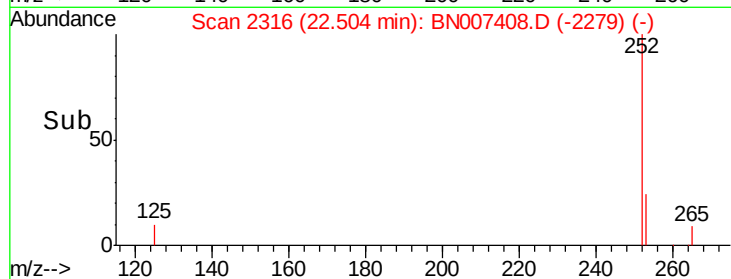
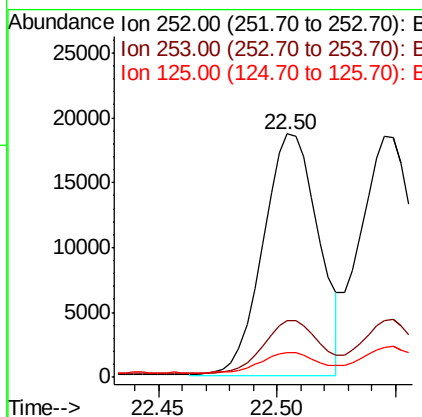
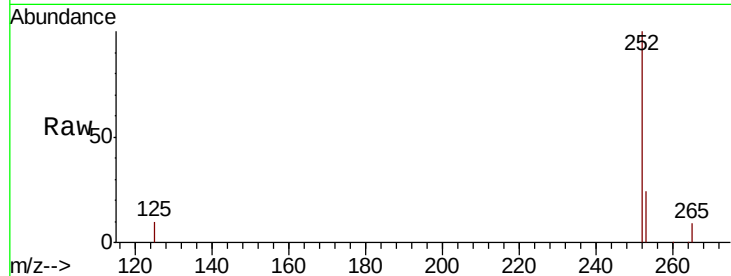
#35
Benzo(b)fluoranthene
Concen: 0.322 ng m
RT: 22.50 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PB122289BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.2	28.8
125	10.1	10.6	16.0

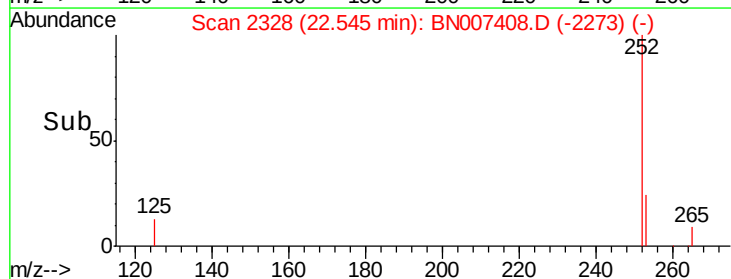
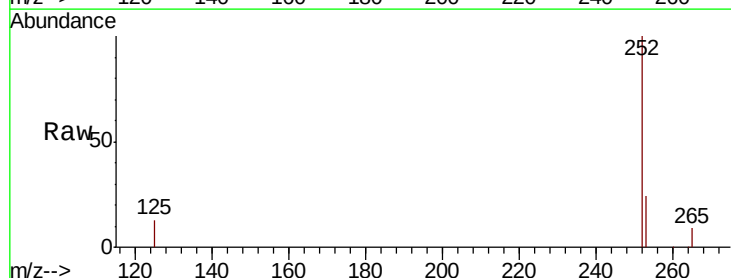
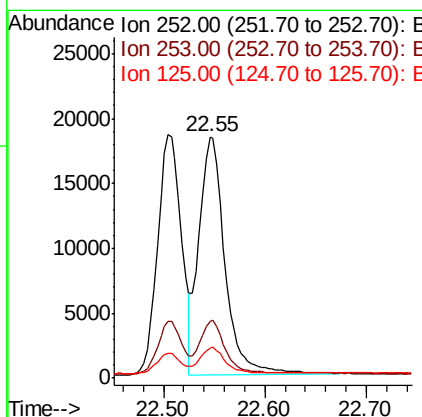
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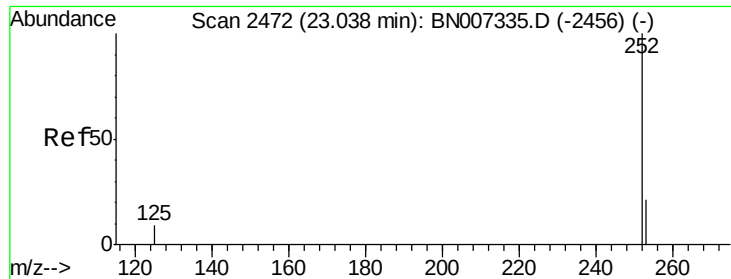
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#36
Benzo(k)fluoranthene
Concen: 0.350 ng
RT: 22.55 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.4	29.2
125	12.6	13.1	19.7





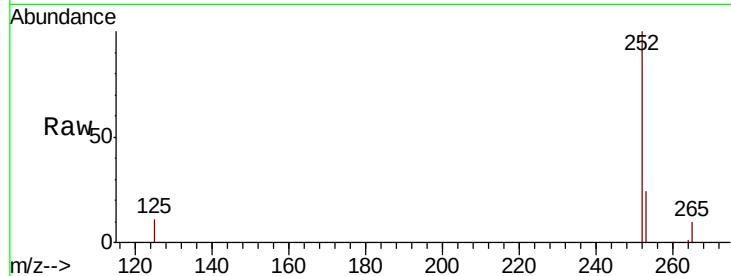
#37
Benzo(a)pyrene
Concen: 0.322 ng
RT: 23.03 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PB122289BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	28736		
253	23.5		19.5	29.3
125	11.4		12.1	18.1

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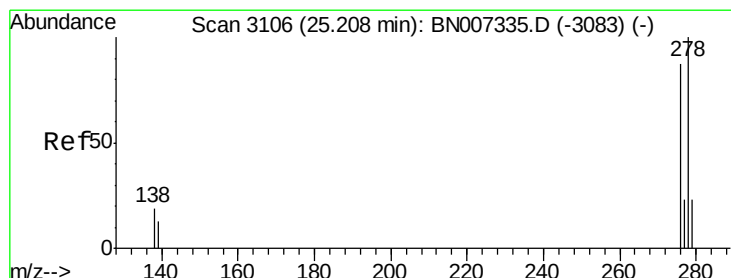
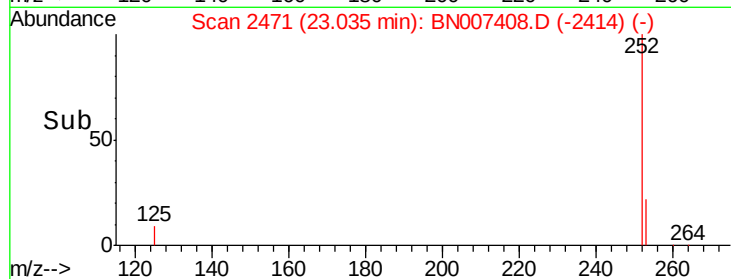
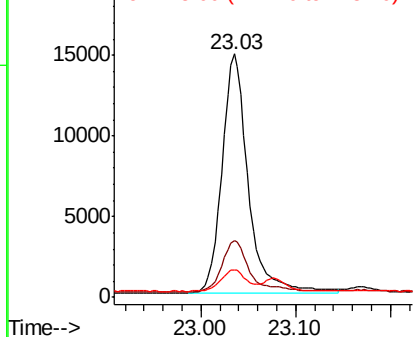


Abundance

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: 0.329 ng
RT: 25.20 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN007408.D
Acq: 26 Aug 2019 13:30

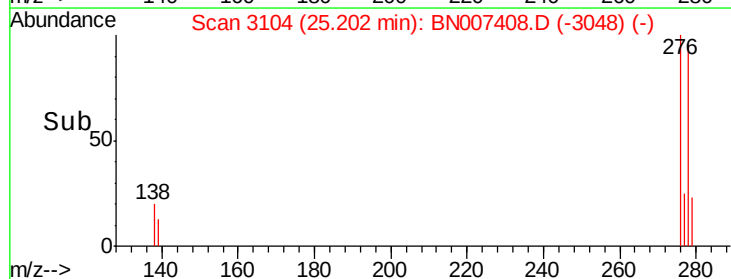
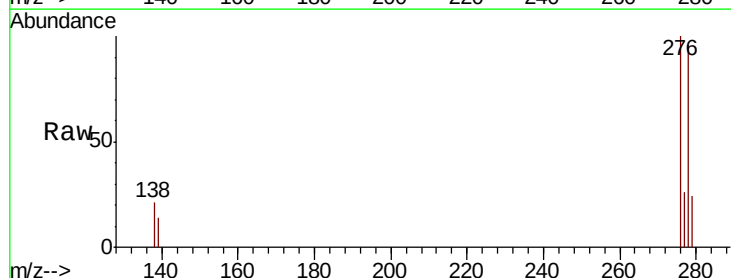
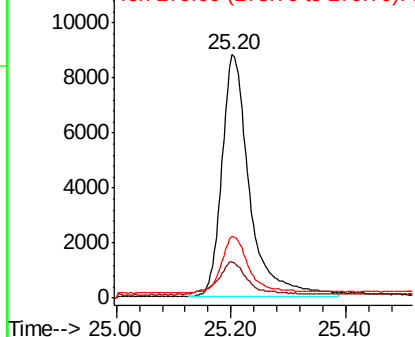
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	29360		
139	14.9		13.7	20.5
279	25.5		20.2	30.4

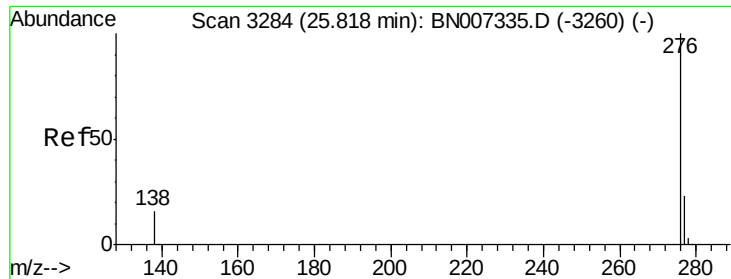
Abundance

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: 0.346 ng

RT: 25.81 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN007408.D

Acq: 26 Aug 2019 13:30

Instrument :

BNA_N

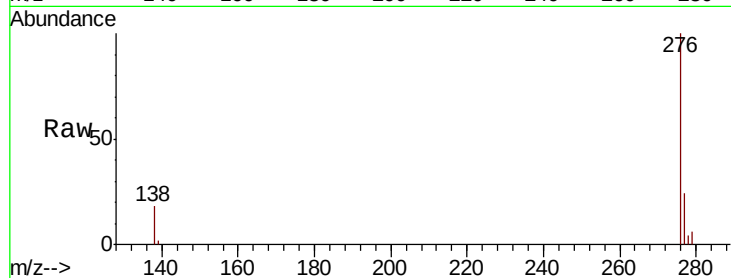
ClientSampleId :

PB122289BSD

Tot Ion:	276	Resp:	30704
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.6	29.4
138	18.2	16.3	24.5

Manual Integrations
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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

