

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082419\
 Data File : BN007380.D
 Acq On : 25 Aug 2019 02:31
 Operator : HP/JU
 Sample : PB122525BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122525BS

Manual Integrations
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Quant Time: Aug 25 05:32:17 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	7001	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	27557	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	12711	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	24197	0.40	ng	0.00
27) Chrysene-d12	21.02	240	23292	0.40	ng	0.00
34) Perylene-d12	23.12	264	28190	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	4736	0.18	ng	0.00
5) Phenol-d6	6.59	99	5824	0.17	ng	0.00
8) Nitrobenzene-d5	8.53	82	4428	0.18	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	9533m	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	954	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	11086	0.22	ng	0.00
25) Fluoranthene-d10	18.84	212	14978	0.19	ng	0.00
29) Terphenyl-d14	19.47	244	11344	0.19	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.01	88	2044	0.176	ng	# 77
3) n-Nitrosodimethylamine	3.32	42	1052	0.195	ng	85
6) bis(2-Chloroethyl)ether	6.84	93	5193	0.205	ng	98
9) Naphthalene	10.20	128	16995	0.216	ng	# 91
10) Hexachlorobutadiene	10.51	225	3387	0.210	ng	# 99
12) 2-Methylnaphthalene	11.83	142	11264	0.210	ng	99
16) Acenaphthylene	13.76	152	15218	0.202	ng	99
17) Acenaphthene	14.11	154	9239	0.210	ng	99
18) Fluorene	15.10	166	10222	0.184	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	2220	0.233	ng	94
21) Hexachlorobenzene	16.11	284	3921	0.242	ng	94
22) Pentachlorophenol	16.46	266	1408	0.279	ng	# 66
23) Phenanthrene	16.84	178	14766	0.203	ng	99
24) Anthracene	16.93	178	14129	0.193	ng	99
26) Fluoranthene	18.87	202	19628	0.210	ng	99
28) Pyrene	19.24	202	19818	0.212	ng	99
30) Benzo(a)anthracene	21.00	228	19391	0.212	ng	99
31) Chrysene	21.05	228	20765	0.235	ng	97
32) Bis(2-ethylhexyl)phthalate	20.96	149	8640	0.127	ng	99
33) Indeno(1,2,3-cd)pyrene	25.18	276	27746	0.261	ng	99
35) Benzo(b)fluoranthene	22.50	252	22805	0.223	ng	98
36) Benzo(k)fluoranthene	22.54	252	22939	0.227	ng	# 94
37) Benzo(a)pyrene	23.03	252	21845	0.225	ng	97
38) Dibenzo(a,h)anthracene	25.20	278	22273	0.230	ng	97
39) Benzo(g,h,i)perylene	25.80	276	24234	0.251	ng	97

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

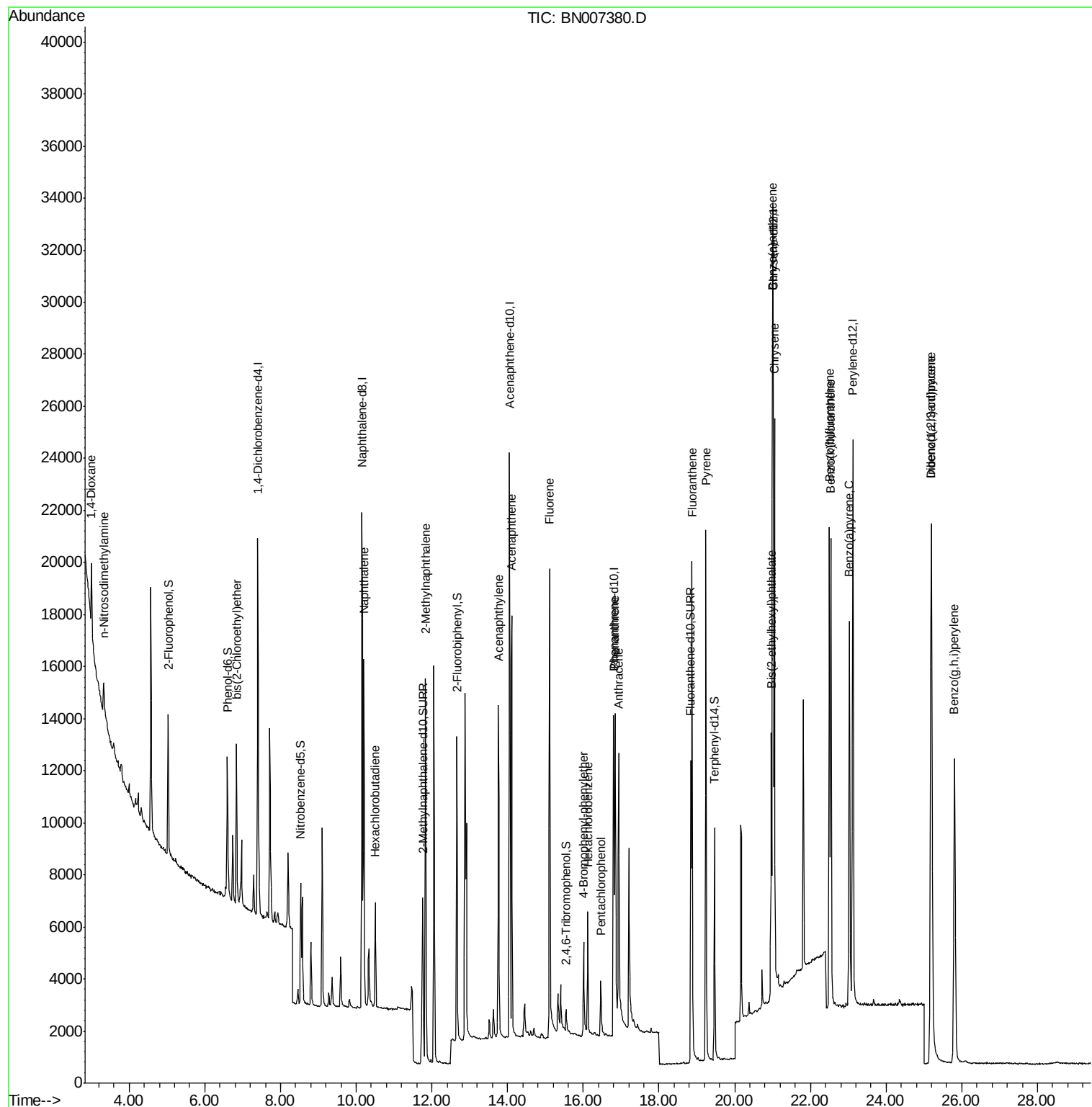
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082419\
Data File : BN007380.D
Acq On : 25 Aug 2019 02:31
Operator : HP/JU
Sample : PB122525BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

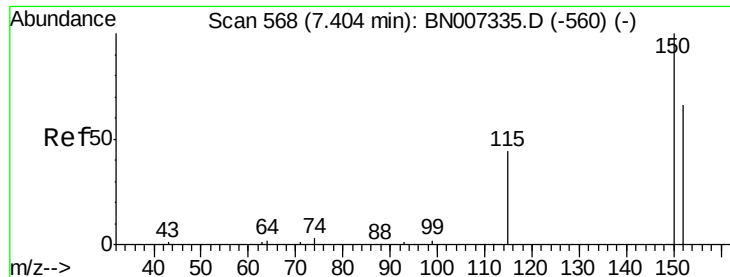
Instrument :
BNA_N
ClientSampleId :
PB122525BS

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Quant Time: Aug 25 05:32:17 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
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#1

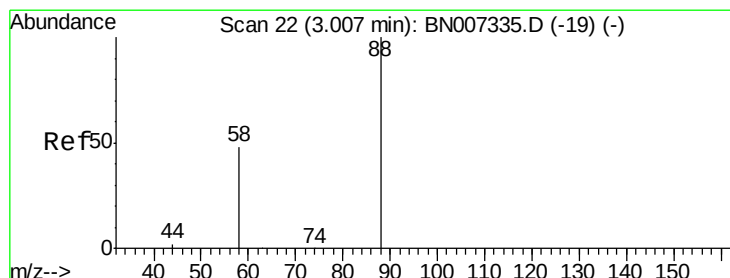
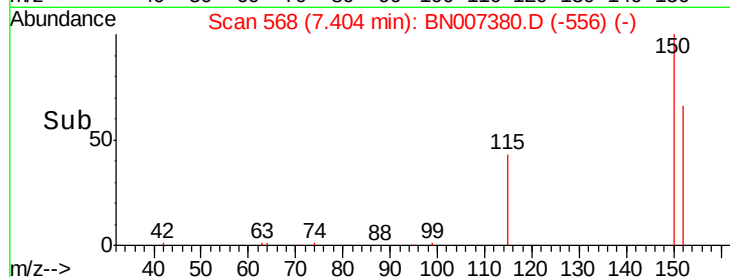
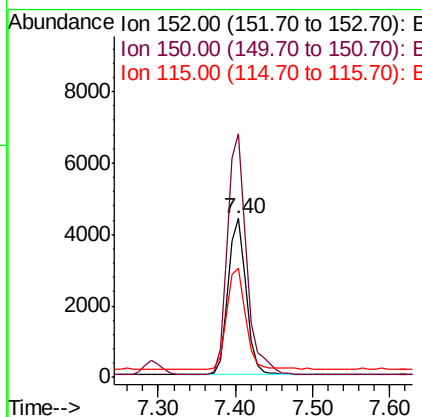
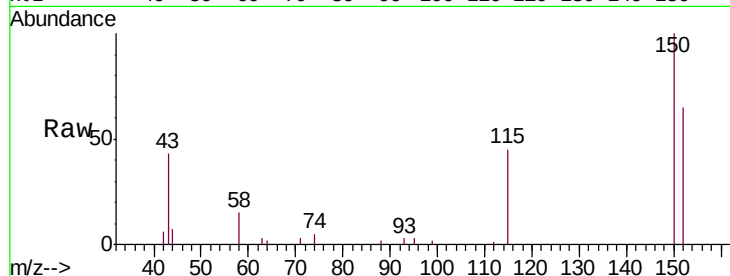
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	109.1	163.7
115	69.0	59.6	89.4

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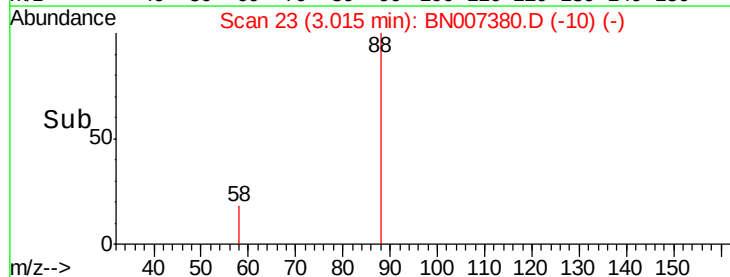
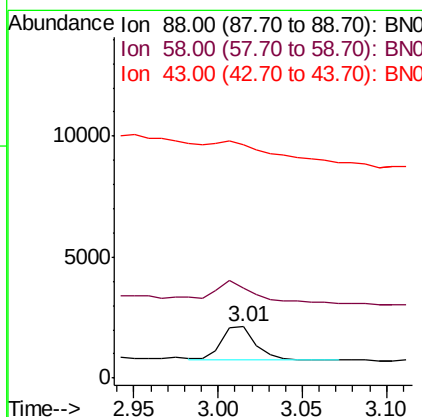
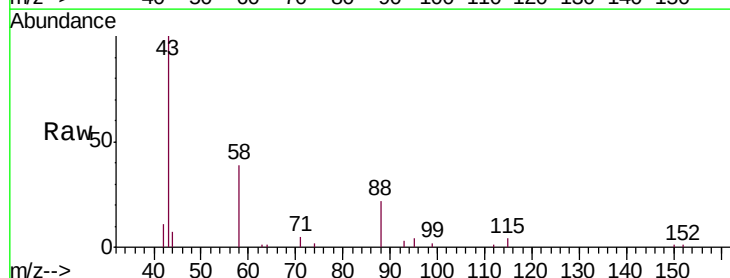
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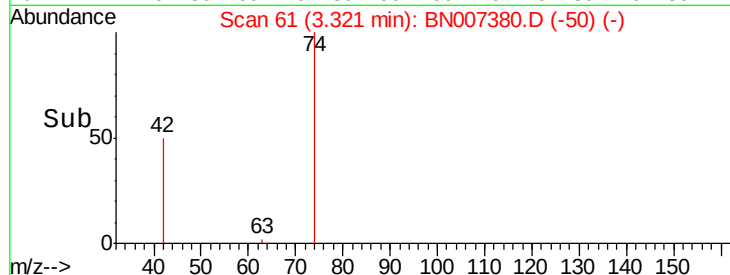
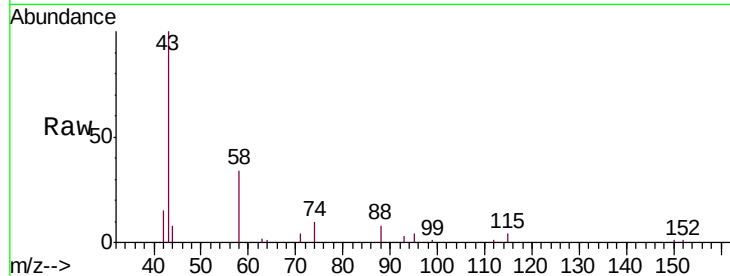
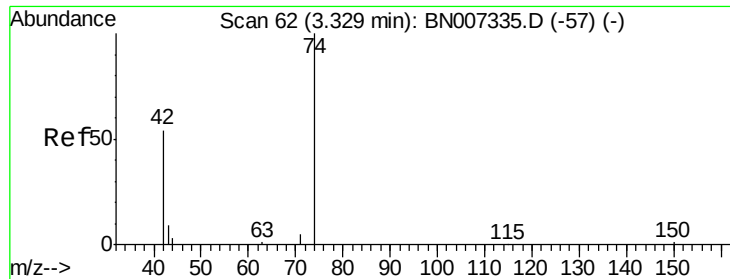


#2

1,4-Dioxane
Concen: 0.176 ng
RT: 3.01 min Scan# 23
Delta R.T. 0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	50.5	75.7#
43	0.0	0.0	0.0





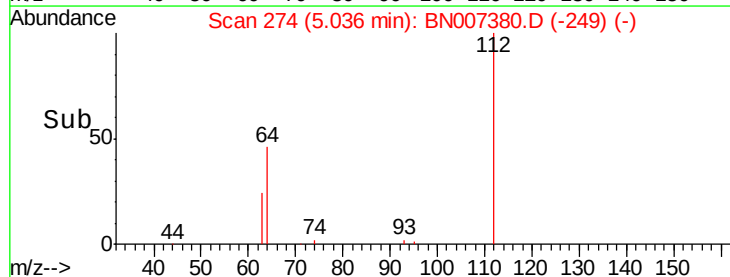
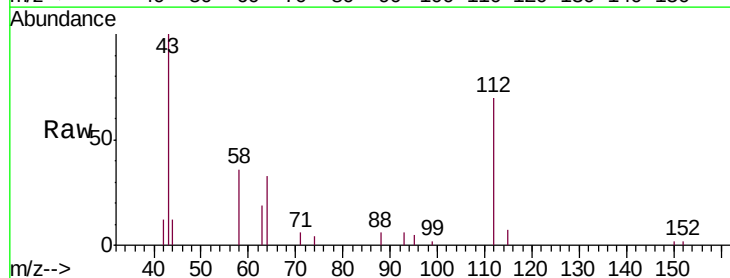
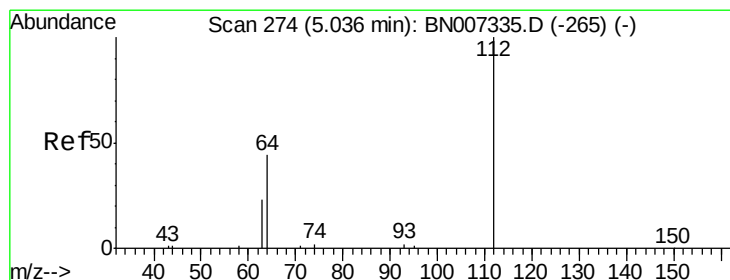
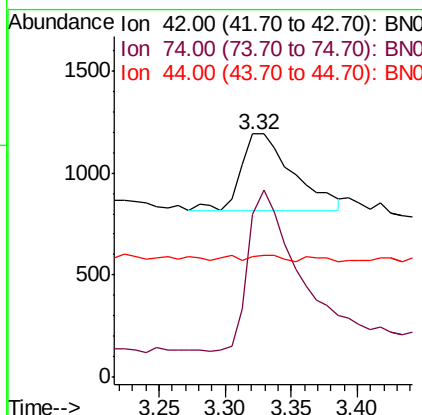
#3
n-Nitrosodimethylamine
Concen: 0.195 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tot Ion:	42	Resp:	1052
Ion	Ratio	Lower	Upper
42	100		
74	202.4	144.7	217.1
44	4.5	3.2	4.8

Instrument :
BNA_N
ClientSampleId :
PB122525BS

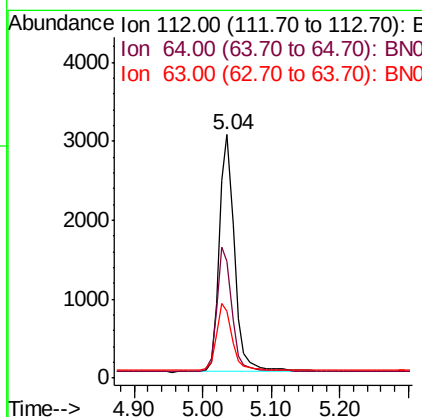
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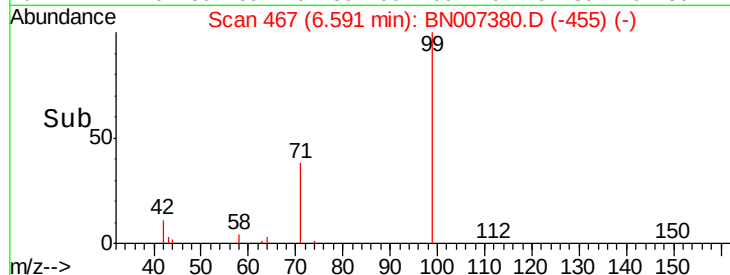
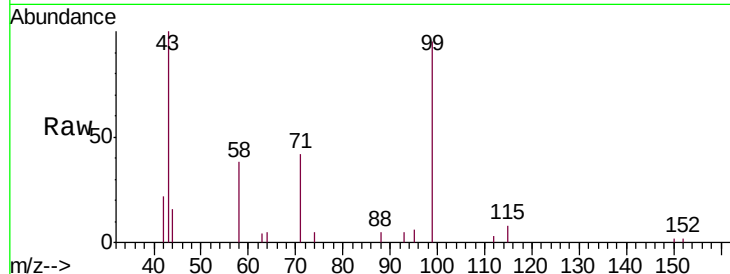
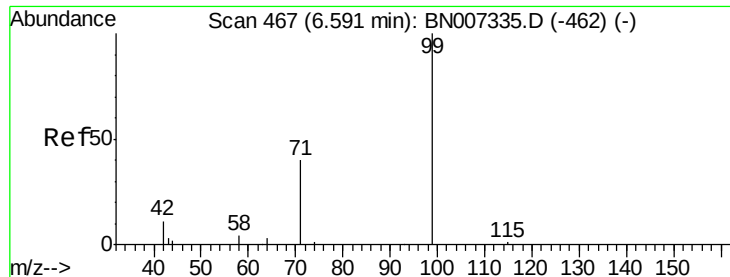
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#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:	112	Resp:	4736
Ion	Ratio	Lower	Upper
112	100		
64	52.5	42.3	63.5
63	28.6	23.6	35.4





#5

Phenol-d6

Concen: 0.171 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Tot Ion:	99	Resp:	5824
Ion	Ratio	Lower	Upper
99	100		
42	12.9	11.2	16.8
71	36.5	31.8	47.8

Instrument :

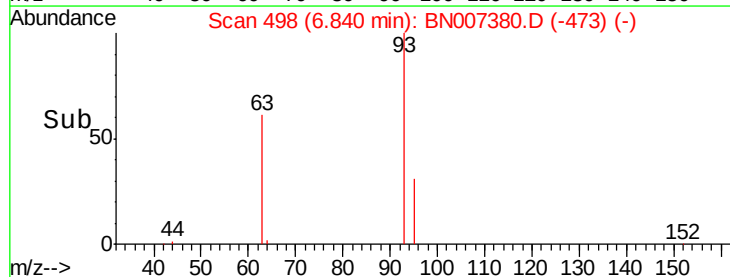
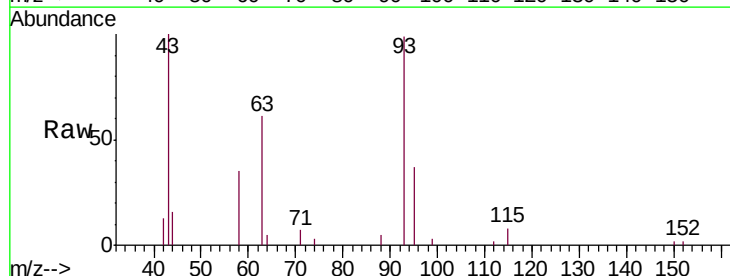
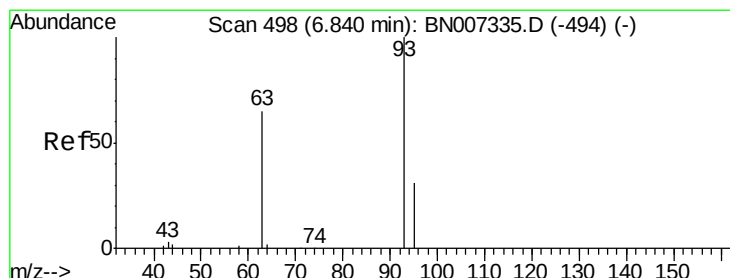
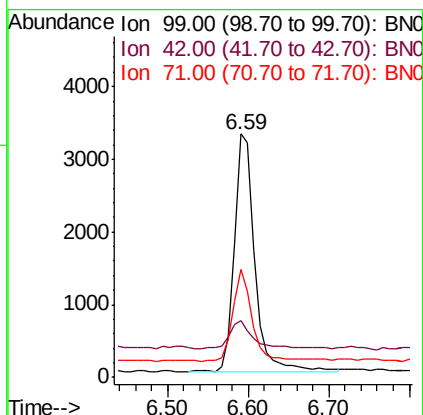
BNA_N

ClientSampleId :

PB122525BS

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#6

bis(2-Chloroethyl)ether

Concen: 0.205 ng

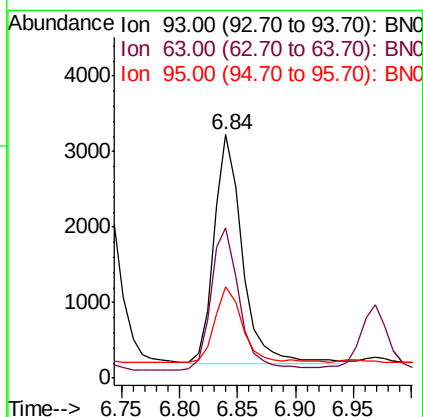
RT: 6.84 min Scan# 498

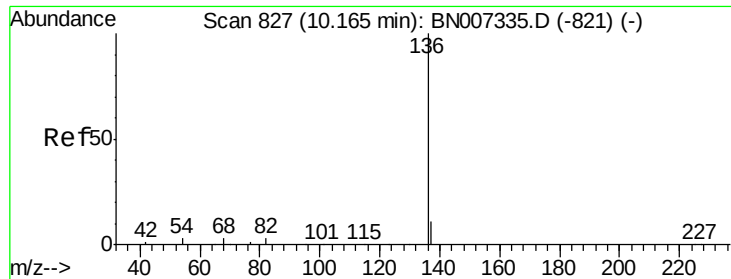
Delta R.T. -0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Tgt Ion:	93	Resp:	5193
Ion	Ratio	Lower	Upper
93	100		
63	63.1	51.9	77.9
95	33.1	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: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

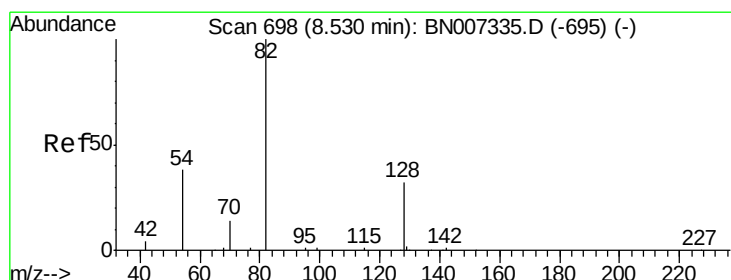
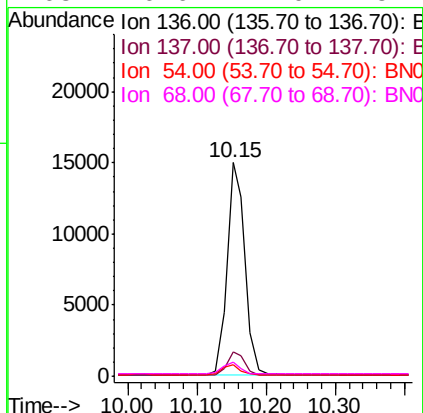
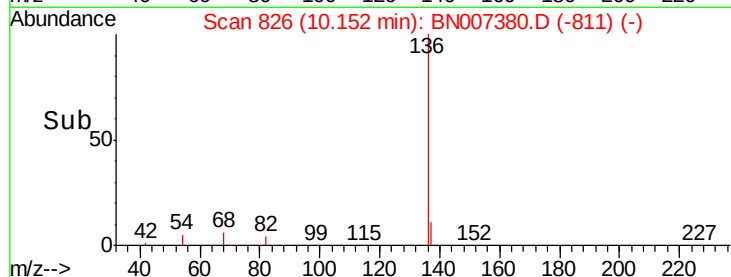
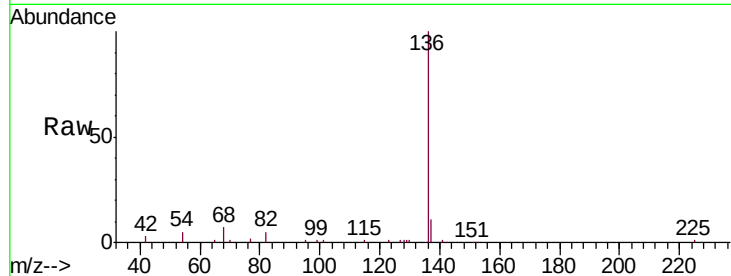
ClientSampleId :

PB122525BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	12.9	19.3#
54	5.3	8.6	12.8#
68	6.6	17.0	25.4#

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#8

Nitrobenzene-d5

Concen: 0.185 ng

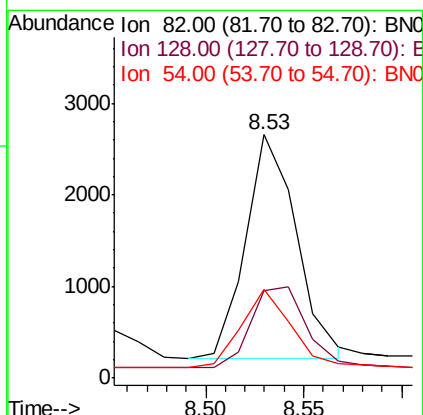
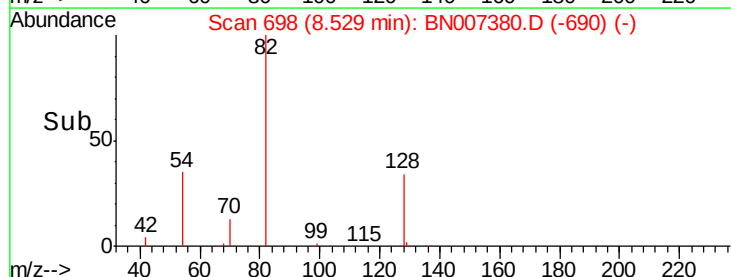
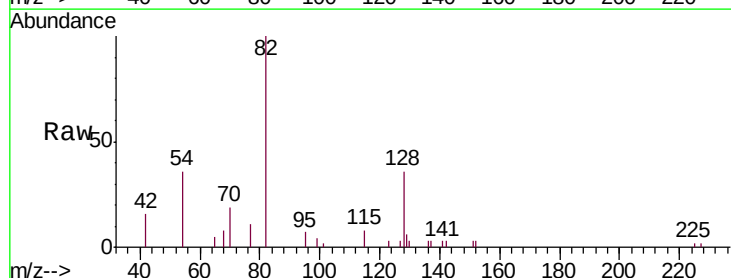
RT: 8.53 min Scan# 698

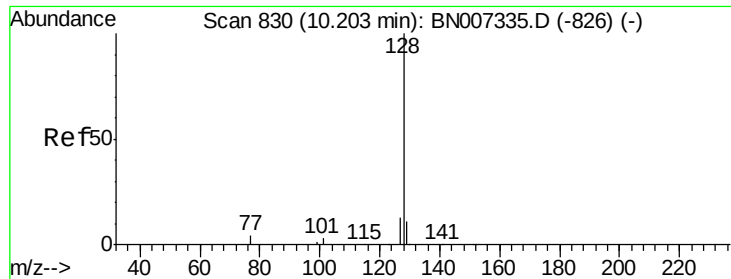
Delta R.T. -0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	19.7	29.5#
54	36.4	25.8	38.6





#9

Naphthalene

Concen: 0.216 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

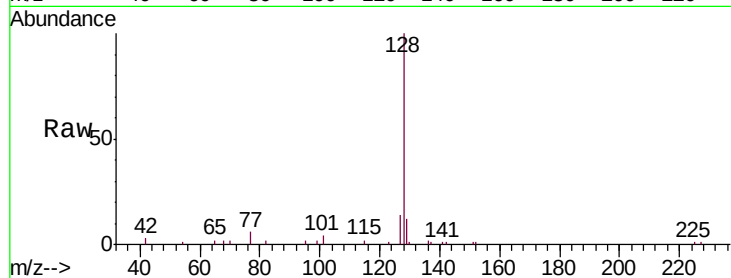
ClientSampled :

PB122525BS

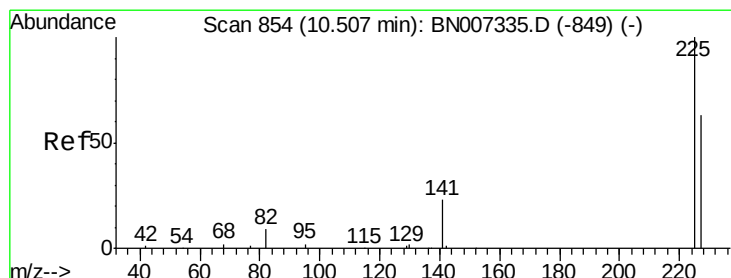
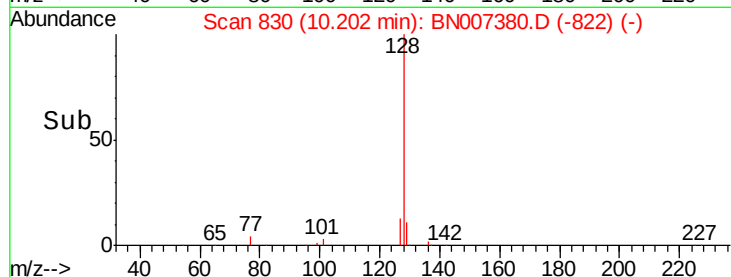
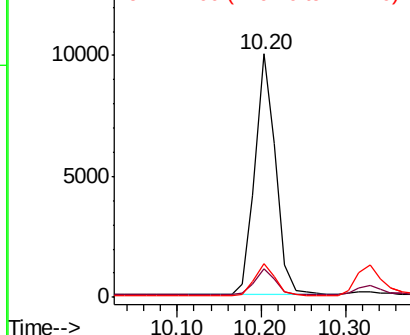
Tot Ion:	128	Resp:	16995
Ion Ratio	Lower	Upper	
128	100		
129	11.9	11.1	16.7
127	14.1	15.5	23.3#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.210 ng

RT: 10.51 min Scan# 854

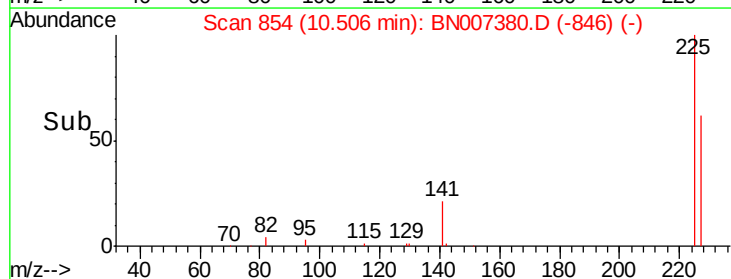
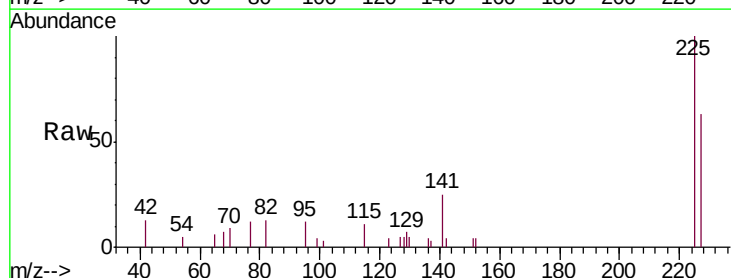
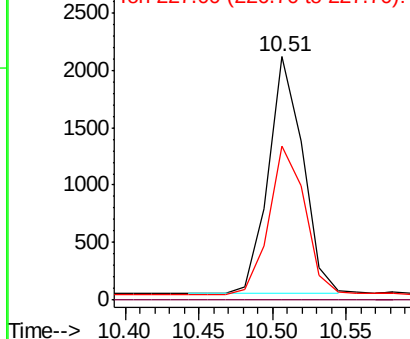
Delta R.T. -0.00 min

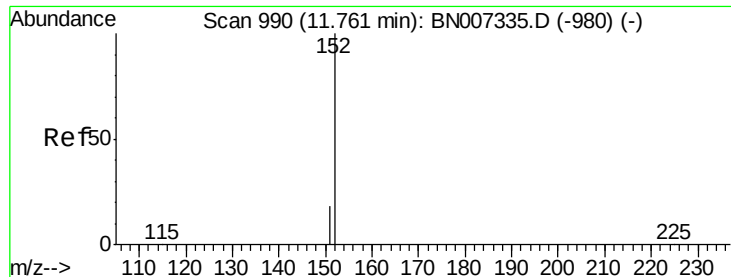
Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Tgt Ion:	225	Resp:	3387
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.4	50.7	76.1

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





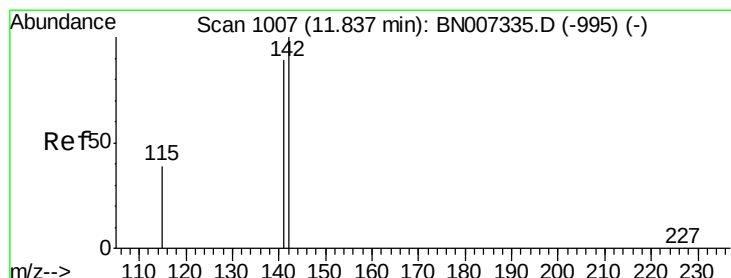
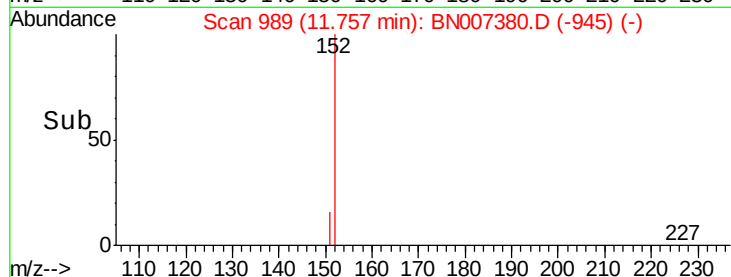
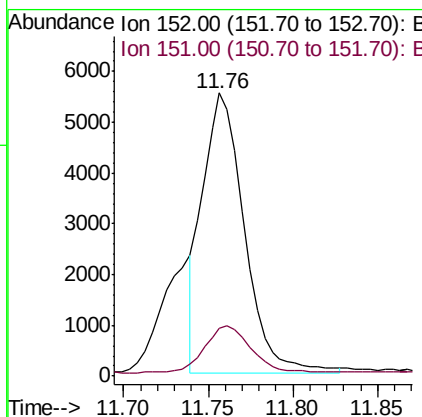
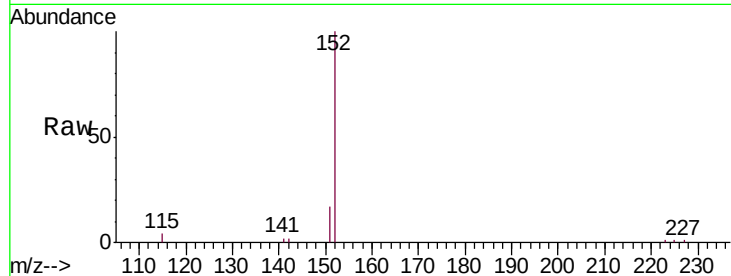
#11
 2-Methylnaphthalene-d10
 Concen: 0.208 ng m
 RT: 11.76 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BN007380.D
 Acq: 25 Aug 2019 02:31

Instrument :
 BNA_N
 ClientSampleId :
 PB122525BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.3	16.2	24.2

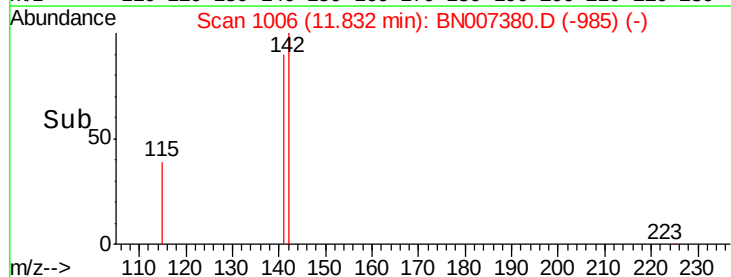
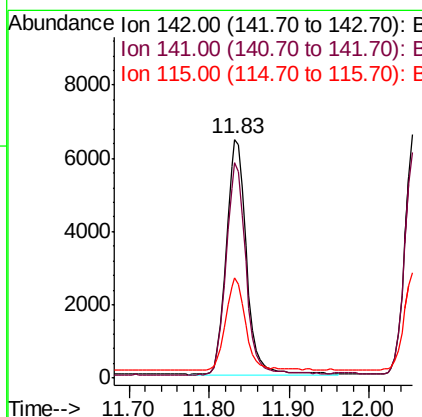
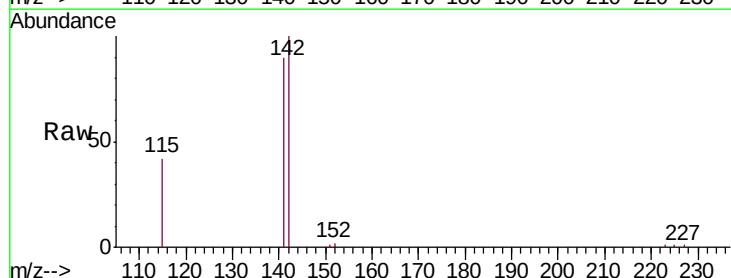
Manual Integrations
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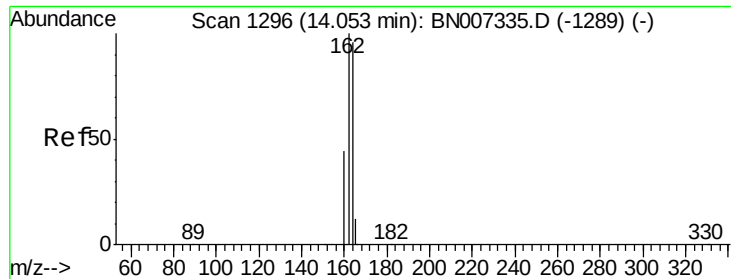
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#12
 2-Methylnaphthalene
 Concen: 0.210 ng
 RT: 11.83 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BN007380.D
 Acq: 25 Aug 2019 02:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.8	109.2
115	42.0	35.2	52.8





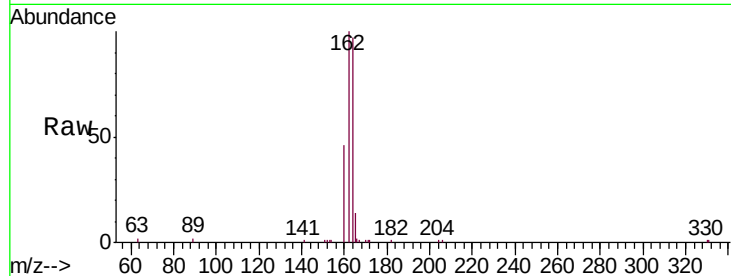
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

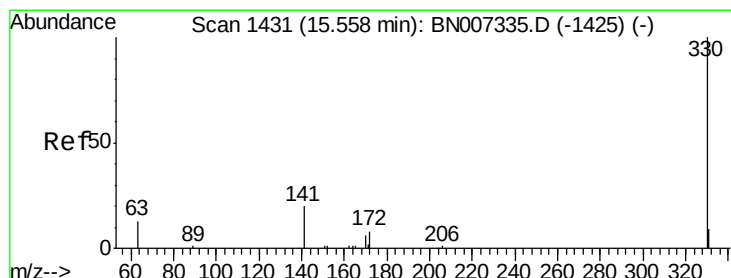
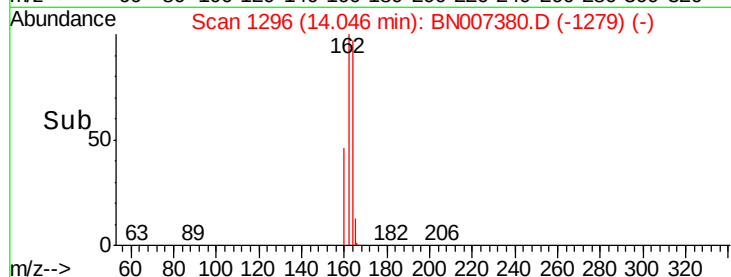
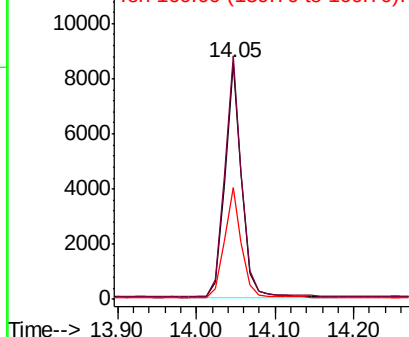
Tot Ion:	164	Resp:	12711
Ion Ratio	Lower	Upper	
164	100		
162	103.0	83.5	125.3
160	47.2	38.2	57.4

Manual Integrations
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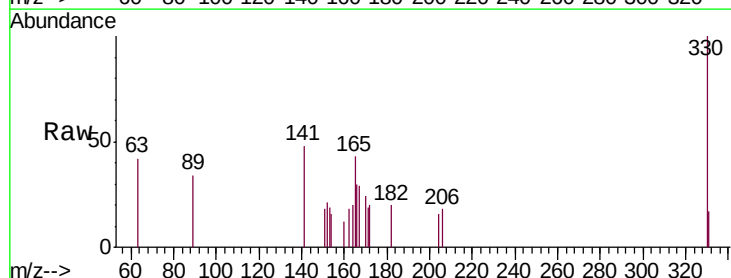


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

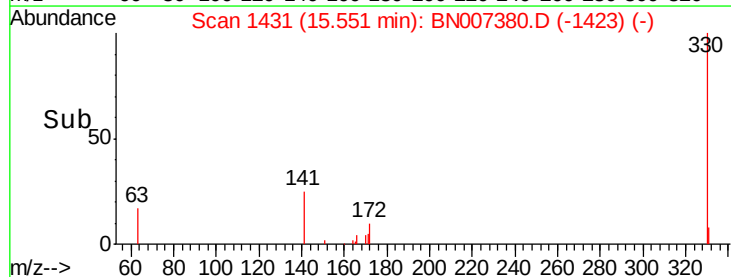
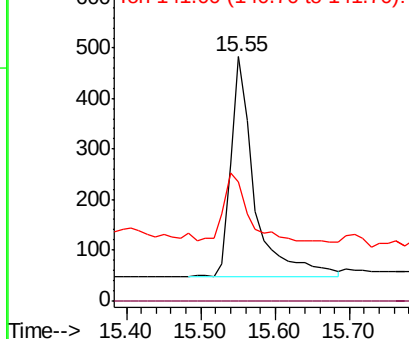


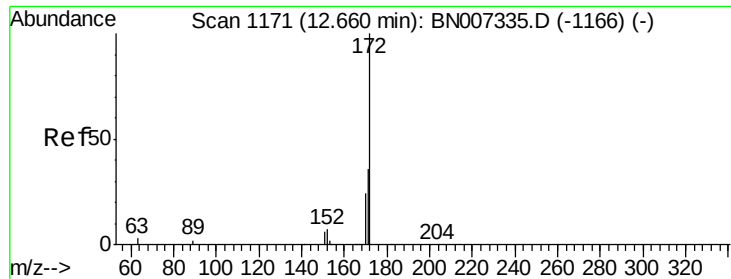
#14
2,4,6-Tribromophenol
Concen: 0.143 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:	330	Resp:	954
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	33.6	26.9	40.3



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





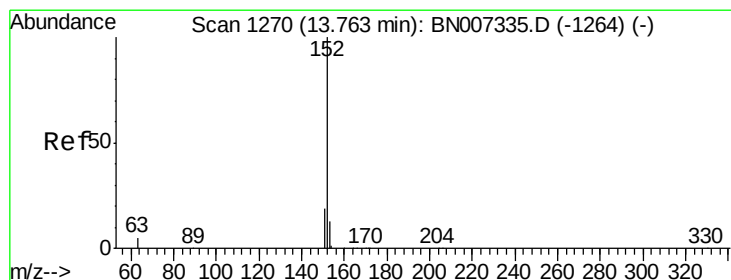
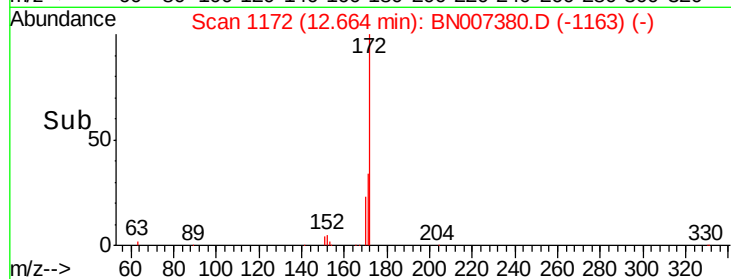
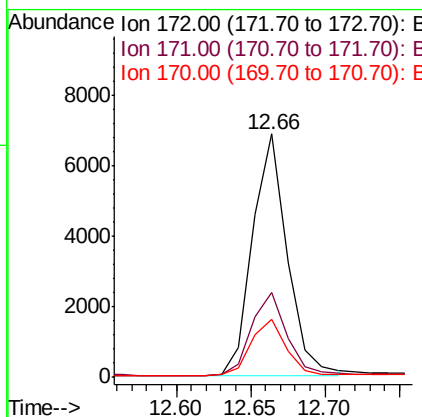
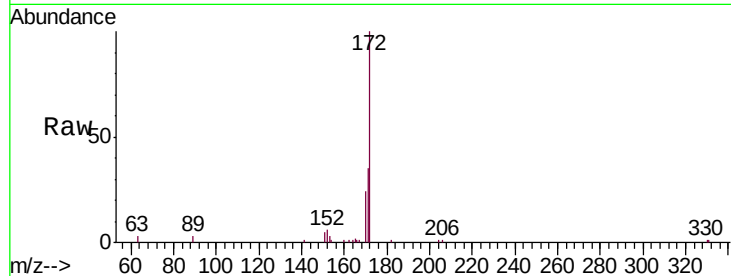
#15
2-Fluorobiphenyl
Concen: 0.216 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.3	45.5
170	23.8	20.7	31.1

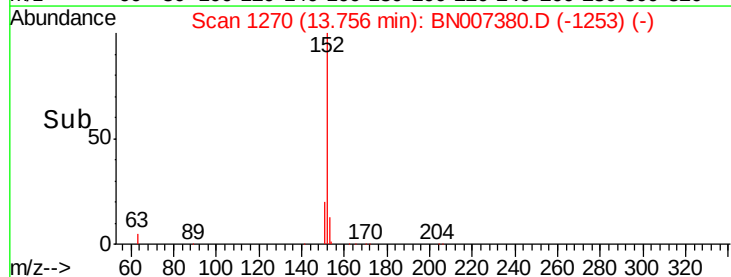
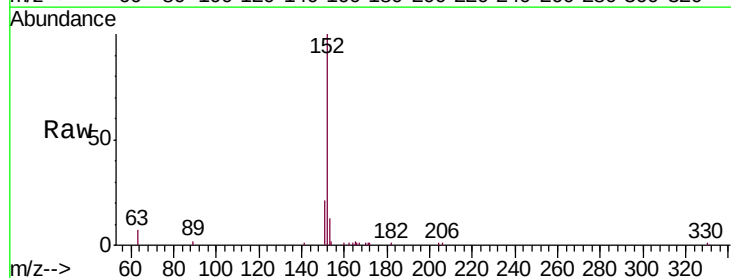
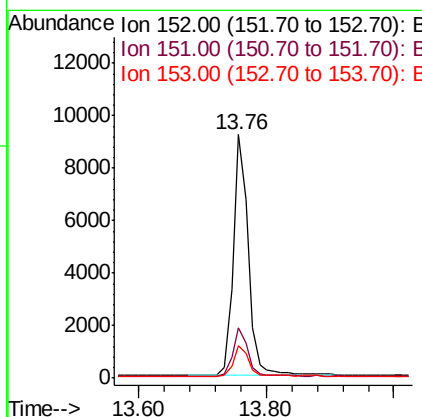
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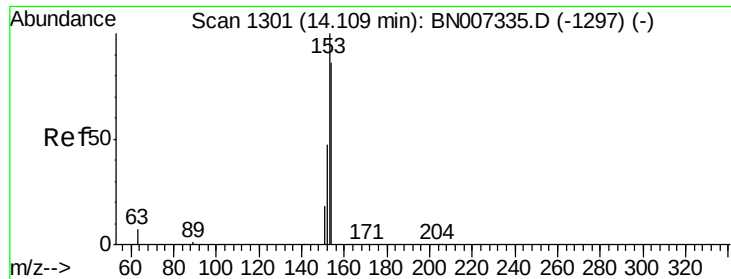
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#16
Acenaphthylene
Concen: 0.202 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.1	24.1
153	12.8	10.6	15.8





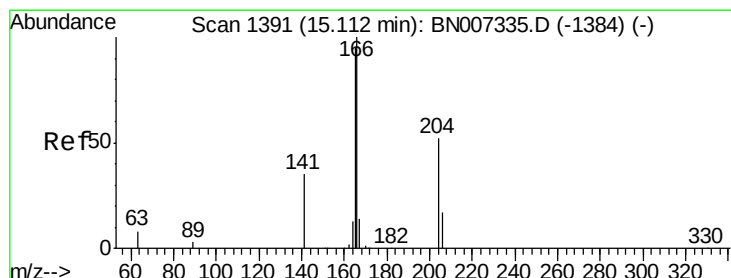
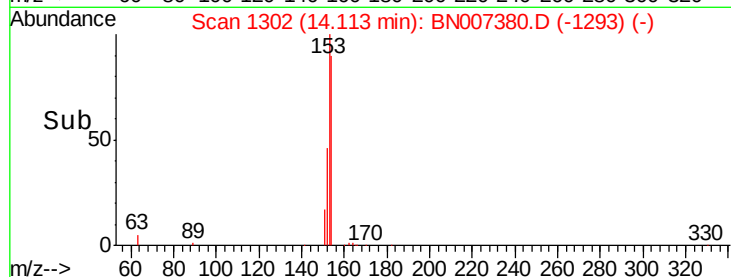
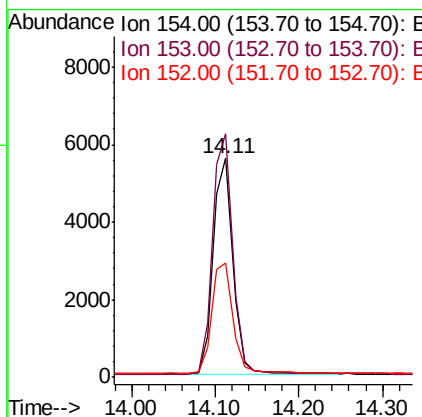
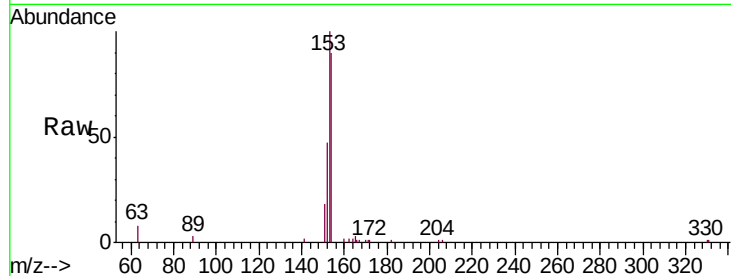
#17
Acenaphthene
Concen: 0.210 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.0	92.8	139.2
152	54.7	43.8	65.8

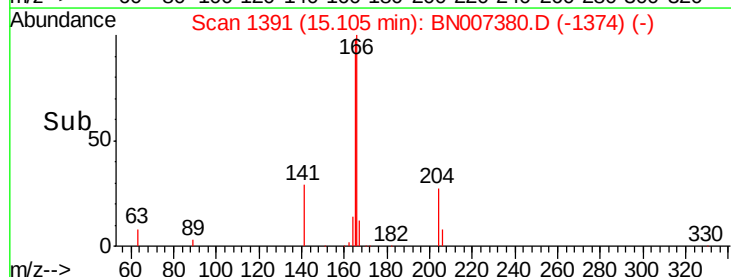
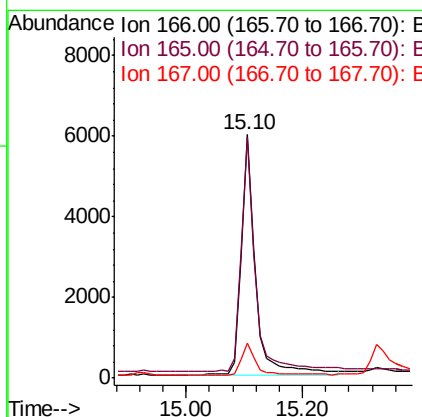
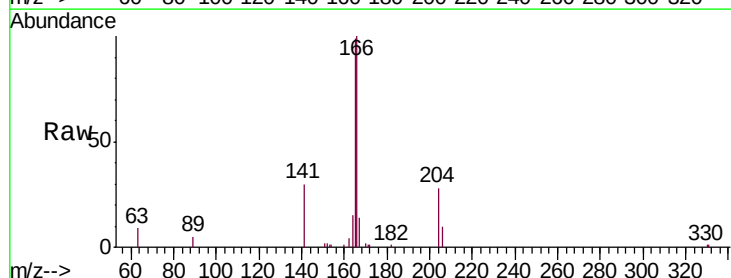
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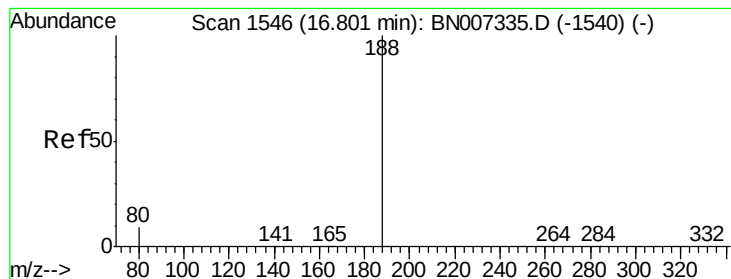
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#18
Fluorene
Concen: 0.184 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.0	118.4
167	13.3	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: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

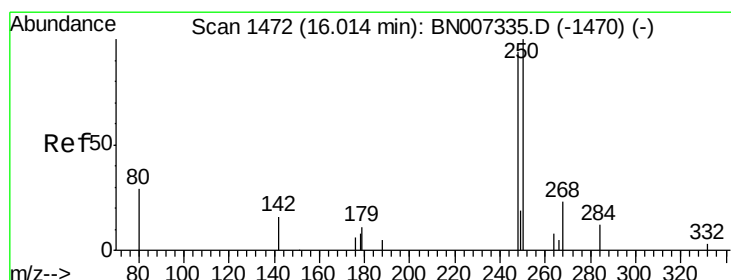
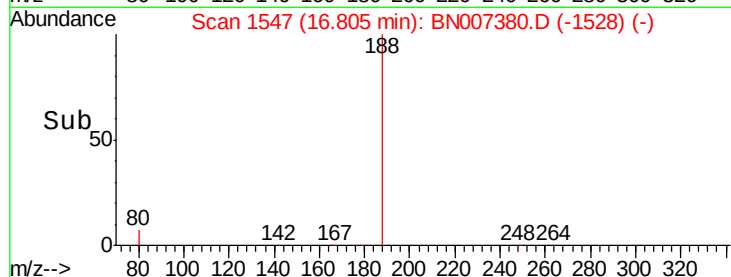
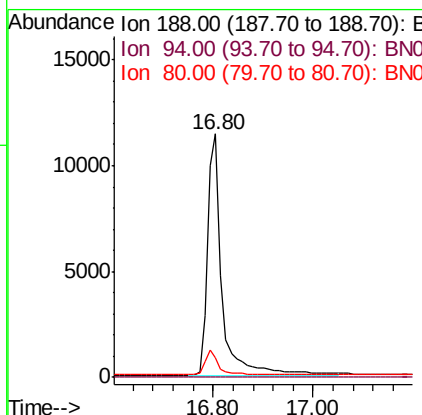
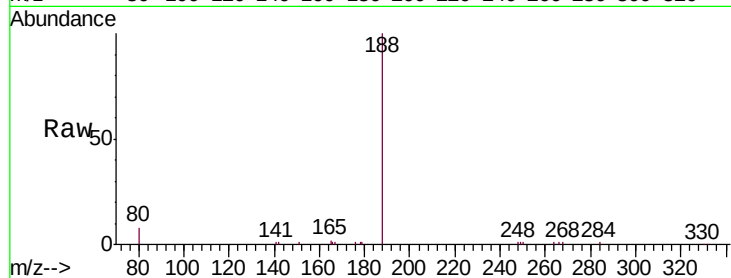
ClientSampleId :

PB122525BS

Tot Ion:	188	Resp:	24197
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.9	11.8	17.8#

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#20

4-Bromophenyl-phenylether

Concen: 0.233 ng

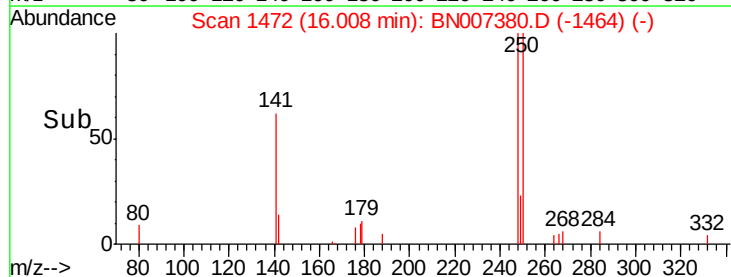
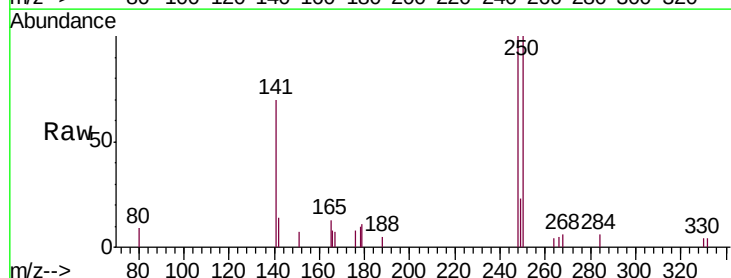
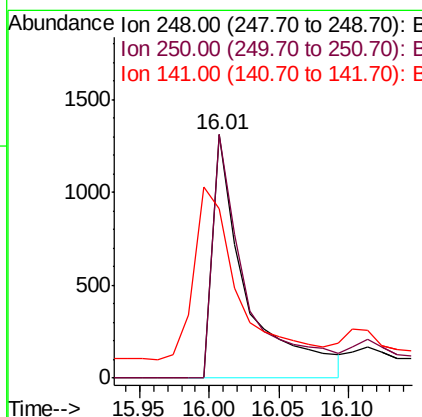
RT: 16.01 min Scan# 1472

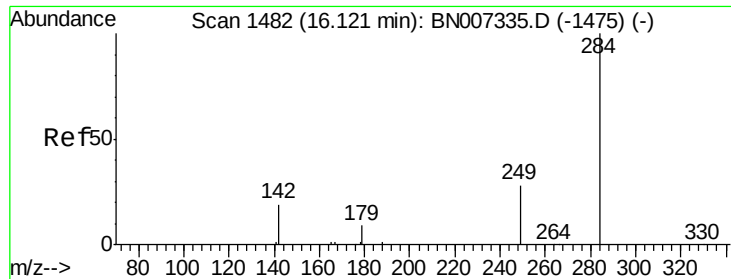
Delta R.T. -0.01 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Tgt Ion:	248	Resp:	2220
Ion Ratio	Lower	Upper	
248	100		
250	99.9	85.0	127.6
141	69.7	51.7	77.5





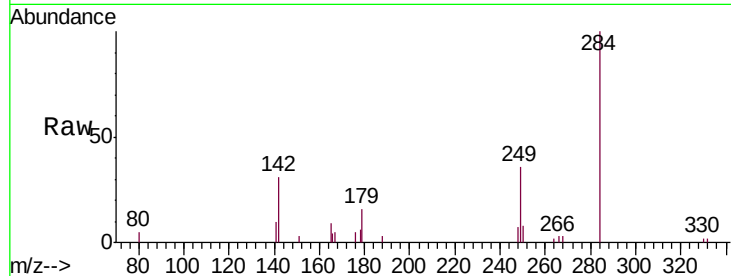
#21
Hexachlorobenzene
Concen: 0.242 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

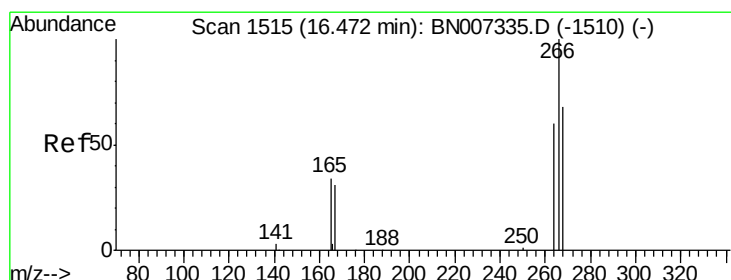
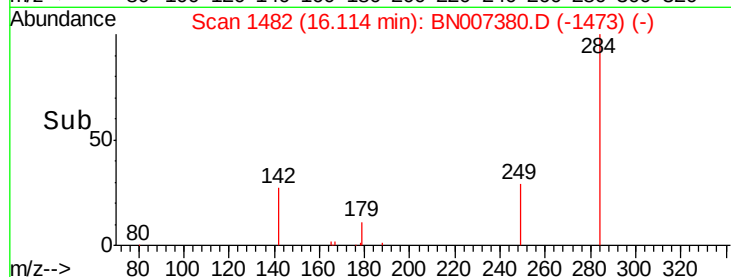
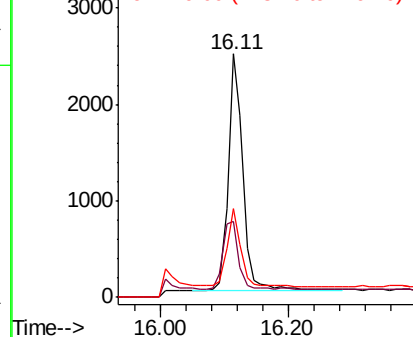
Tot Ion	Ratio	Lower	Upper
284	100		
142	30.3	29.0	43.6
249	31.1	24.9	37.3

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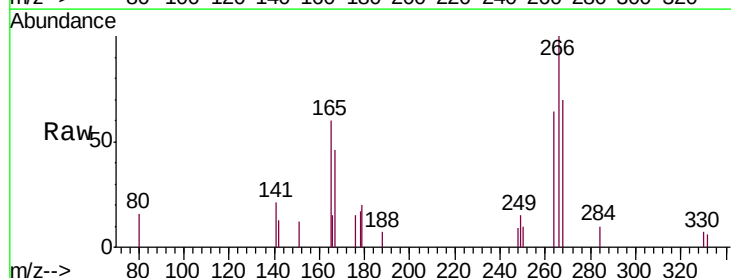


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

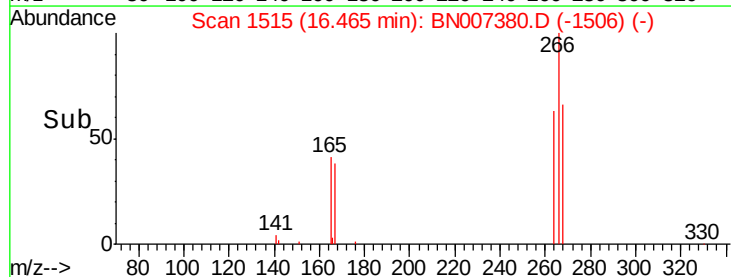
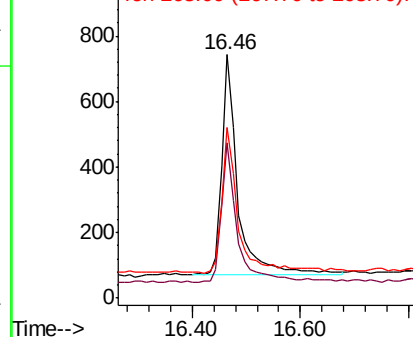


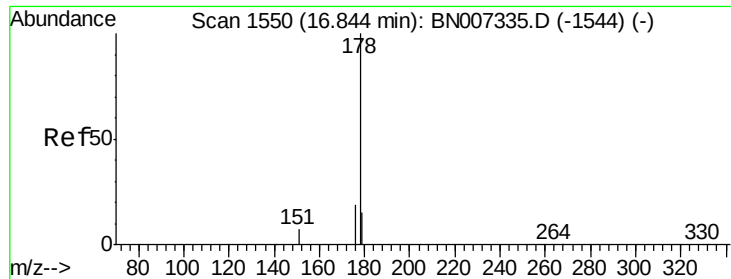
#22
Pentachlorophenol
Concen: 0.279 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.9	57.8	86.8
268	70.3	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: 0.203 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

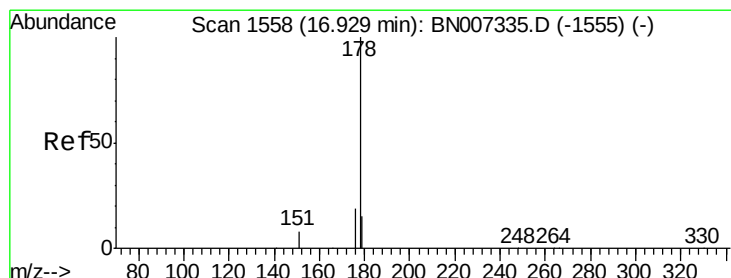
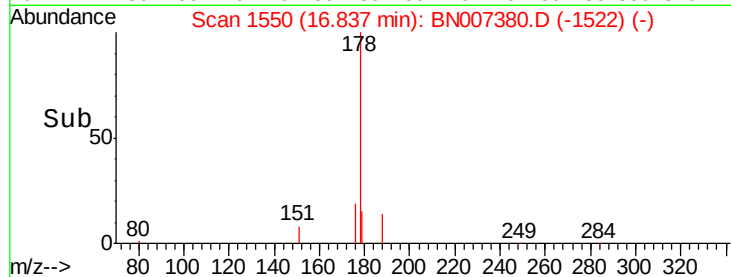
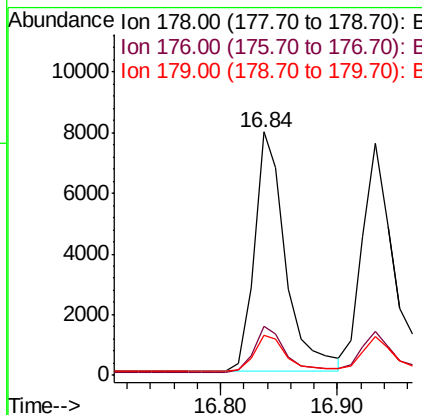
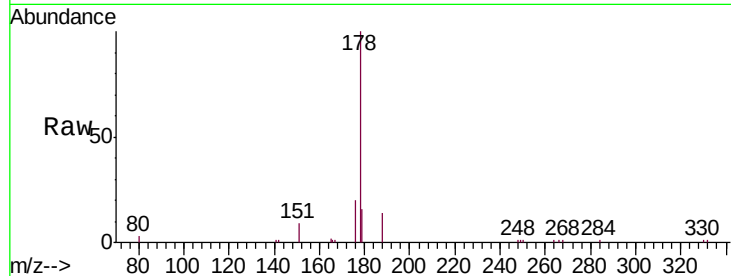
ClientSampled :

PB122525BS

Tot Ion:	178	Resp:	14766
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.3	22.9
179	15.4	12.6	19.0

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#24

Anthracene

Concen: 0.193 ng

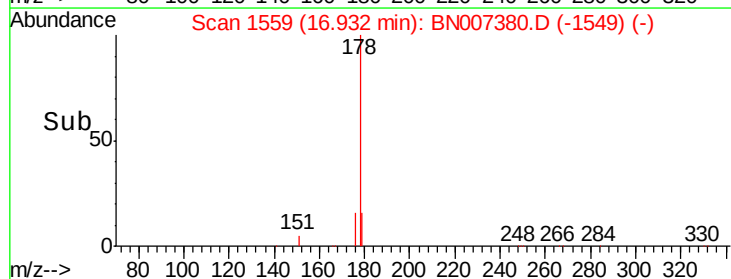
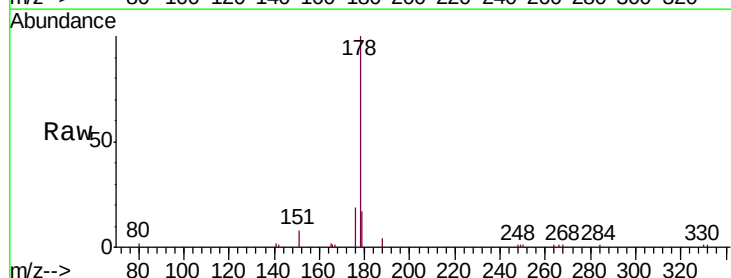
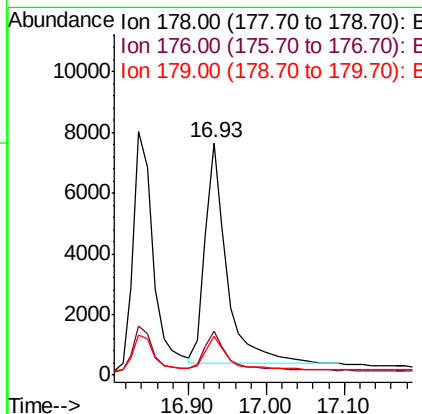
RT: 16.93 min Scan# 1559

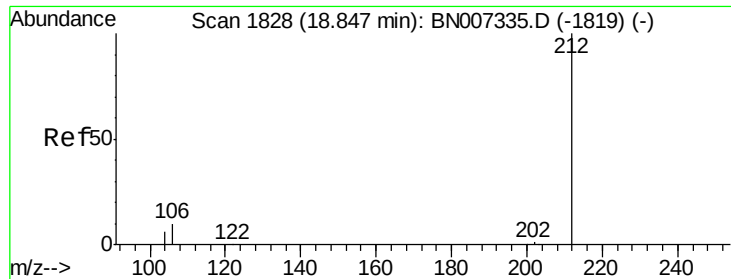
Delta R.T. 0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Tgt Ion:	178	Resp:	14129
Ion Ratio	Lower	Upper	
178	100		
176	18.2	14.9	22.3
179	15.0	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.192 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

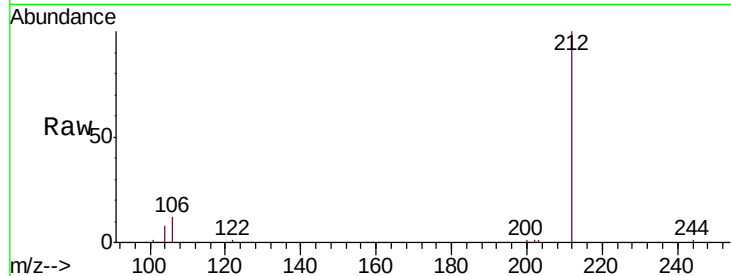
ClientSampleId :

PB122525BS

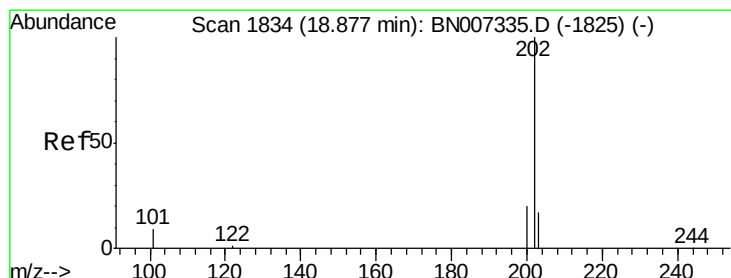
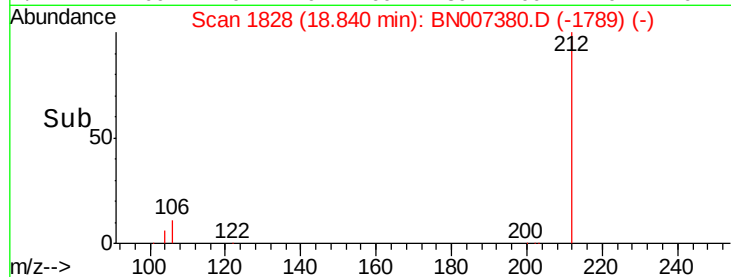
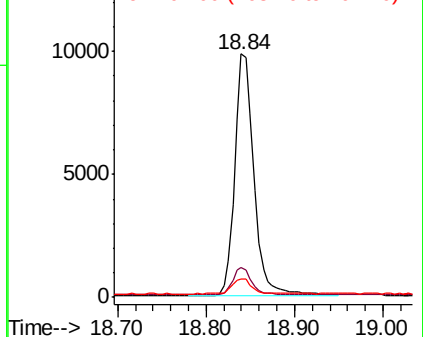
Tot Ion:	212	Resp:	14978
Ion Ratio	Lower	Upper	
212	100		
106	11.0	9.0	13.4
104	6.6	5.4	8.2

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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: 0.210 ng

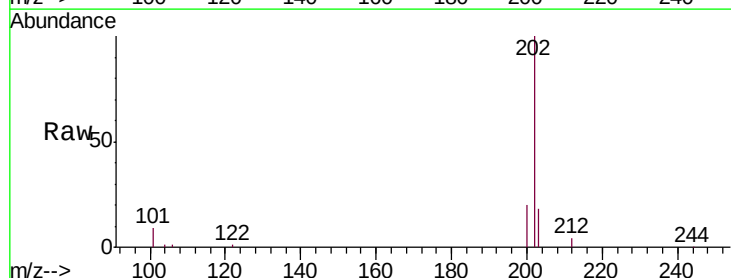
RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

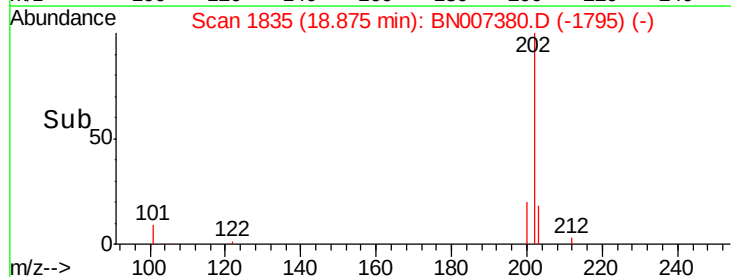
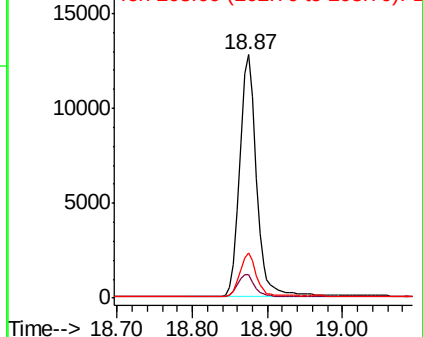
Lab File: BN007380.D

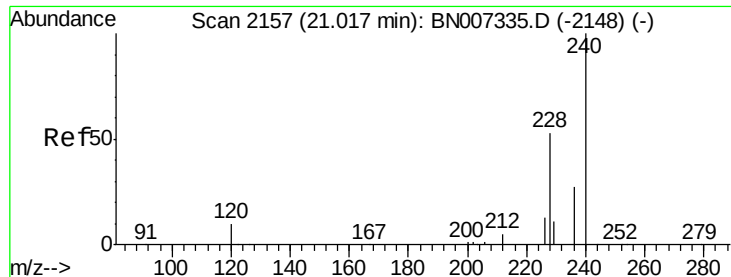
Acq: 25 Aug 2019 02:31

Tgt Ion:	202	Resp:	19628
Ion Ratio	Lower	Upper	
202	100		
101	9.0	7.7	11.5
203	17.2	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# 2158

Delta R.T. -0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

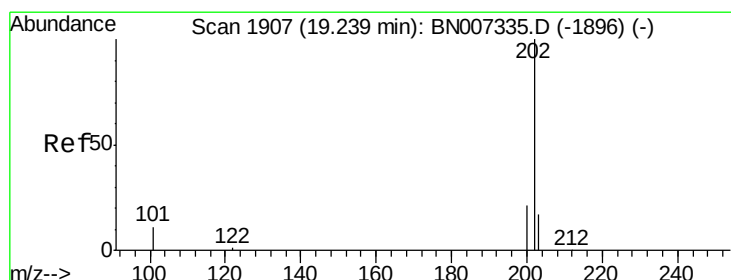
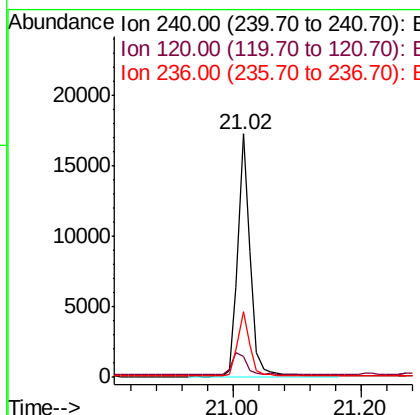
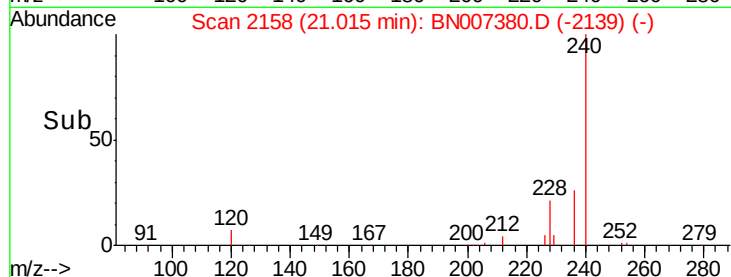
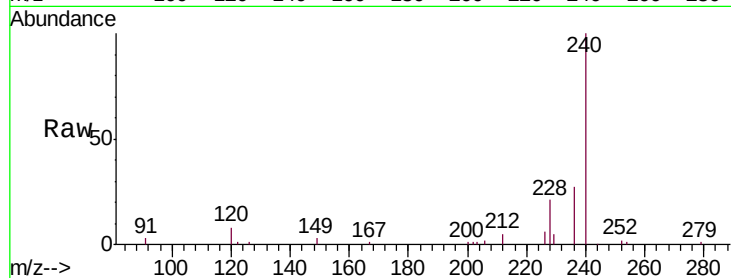
ClientSampleId :

PB122525BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.6	14.4#
236	26.9	22.2	33.2

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#28

Pyrene

Concen: 0.212 ng

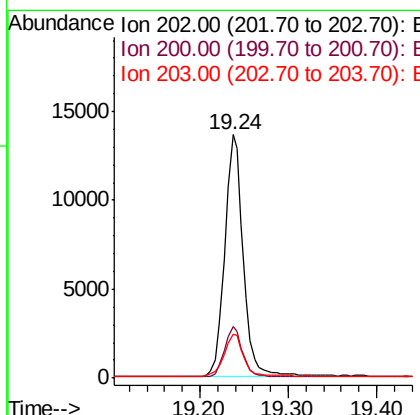
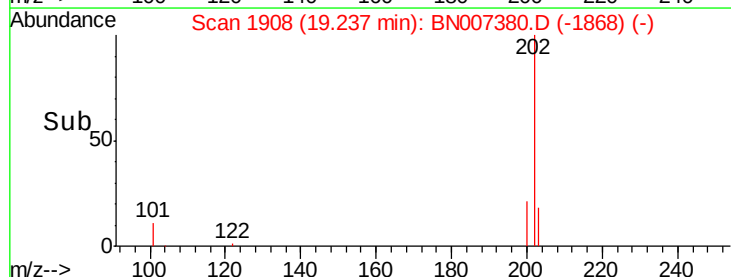
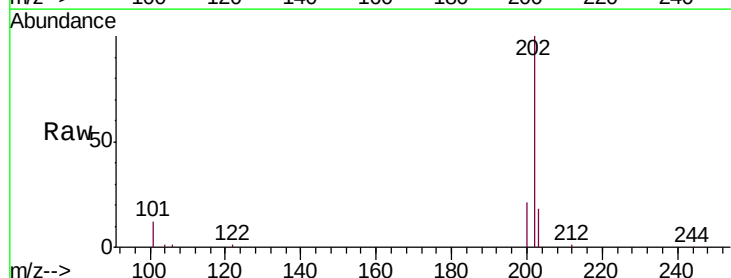
RT: 19.24 min Scan# 1908

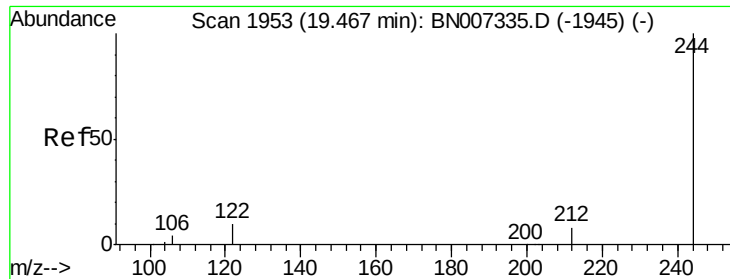
Delta R.T. -0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	25.0
203	18.2	14.2	21.4





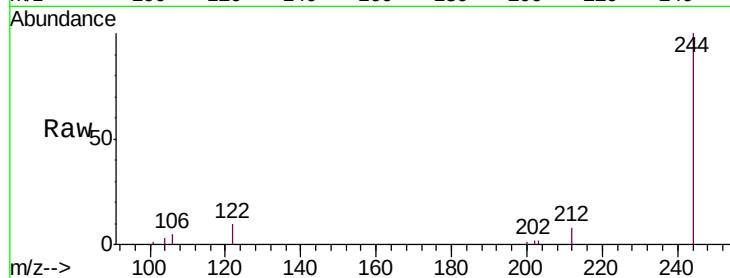
#29
 Terphenyl-d14
 Concen: 0.186 ng
 RT: 19.47 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BN007380.D
 Acq: 25 Aug 2019 02:31

Instrument :
 BNA_N
 ClientSampleID :
 PB122525BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	10.1	9.6	14.4

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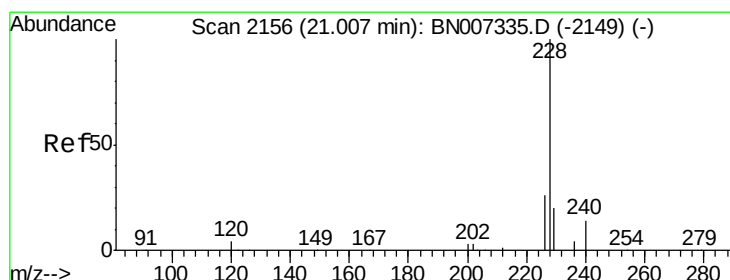
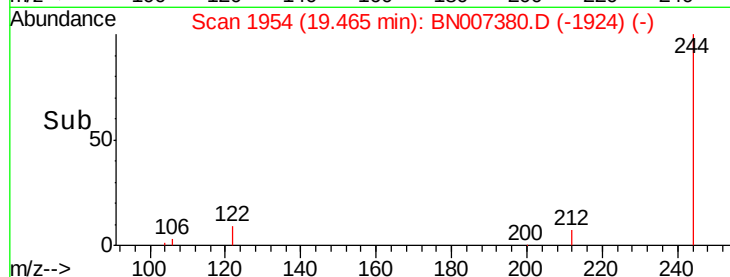
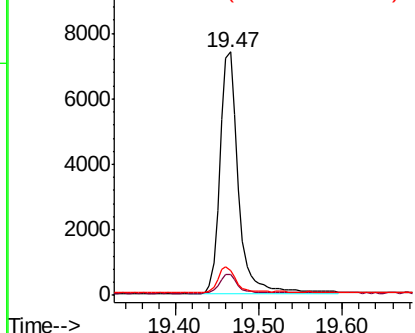


Abundance

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: 0.212 ng
 RT: 21.00 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BN007380.D
 Acq: 25 Aug 2019 02:31

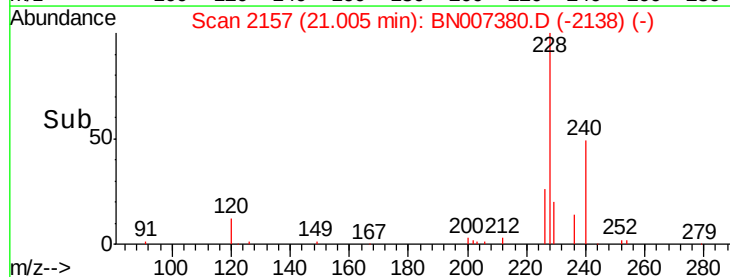
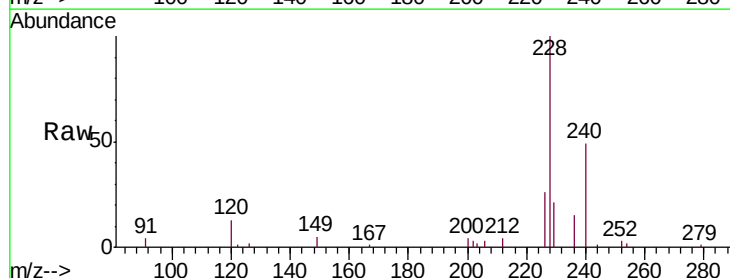
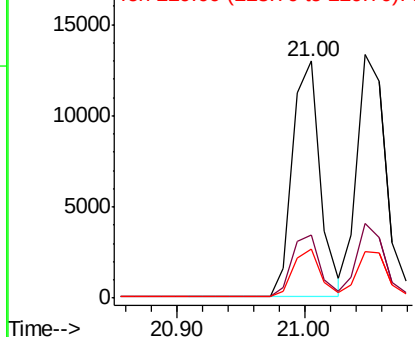
Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.3	31.9
229	20.9	16.1	24.1

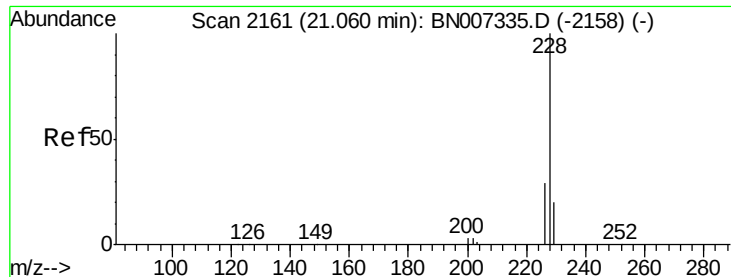
Abundance

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





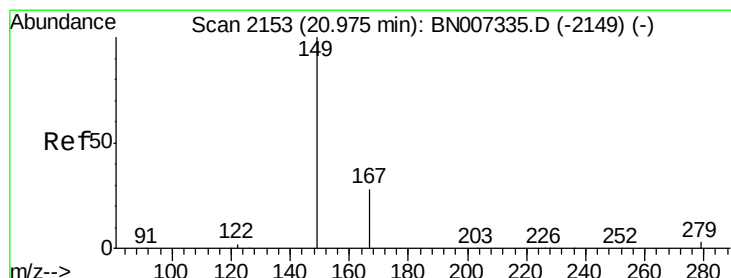
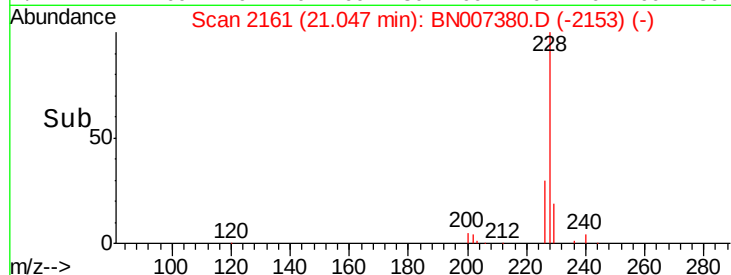
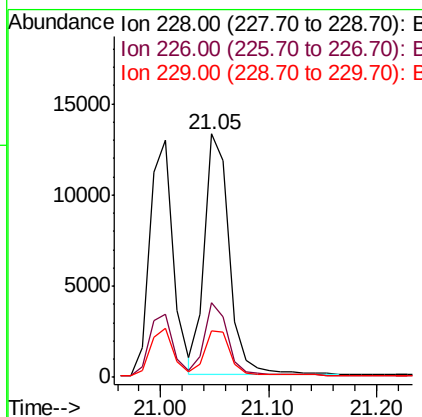
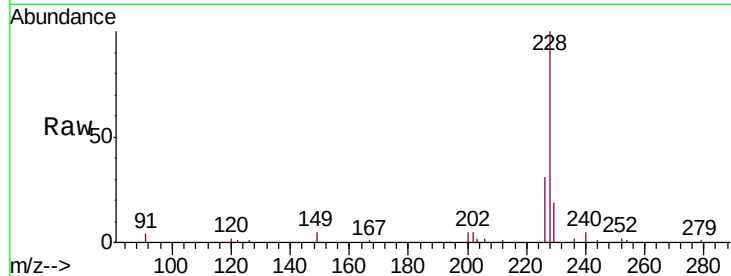
#31
Chrysene
Concen: 0.235 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.5	35.3
229	19.4	16.6	24.8

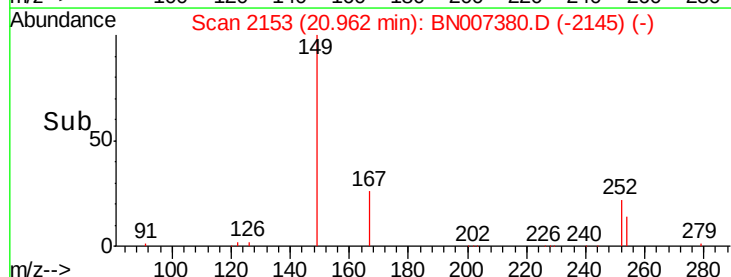
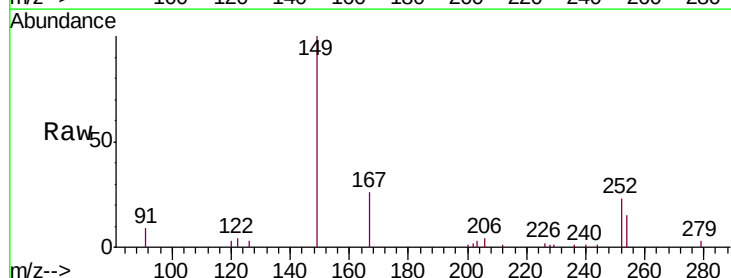
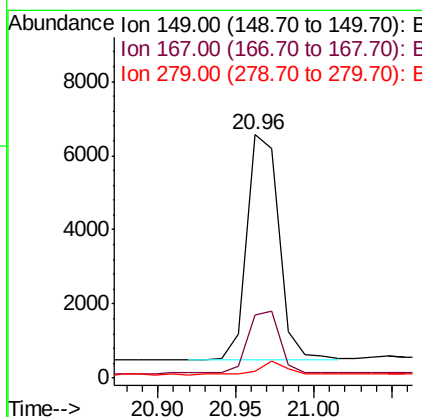
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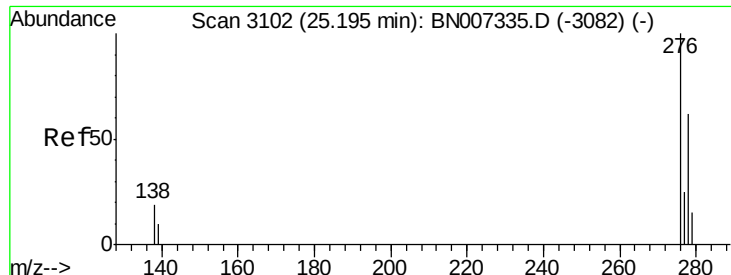
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.127 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.8	34.2
279	5.2	3.5	5.3





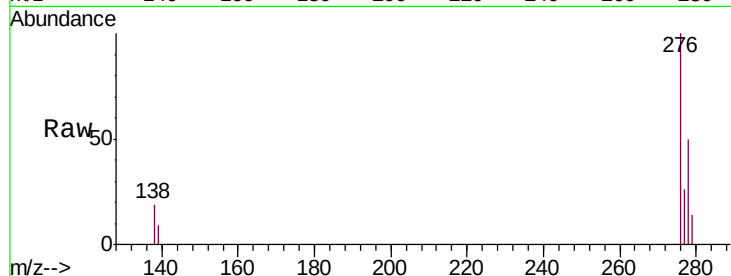
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.261 ng
 RT: 25.18 min Scan# 3100
 Delta R.T. -0.01 min
 Lab File: BN007380.D
 Acq: 25 Aug 2019 02:31

Instrument :
 BNA_N
 ClientSampleId :
 PB122525BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.1	22.7
277	24.3	19.7	29.5

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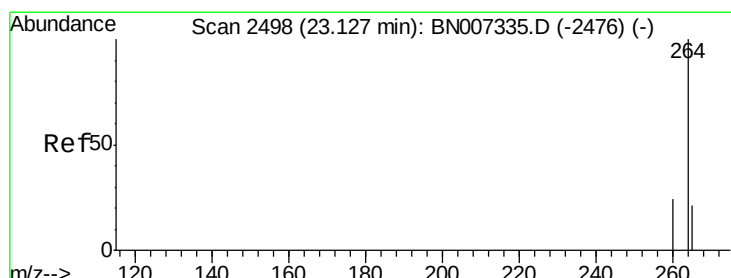
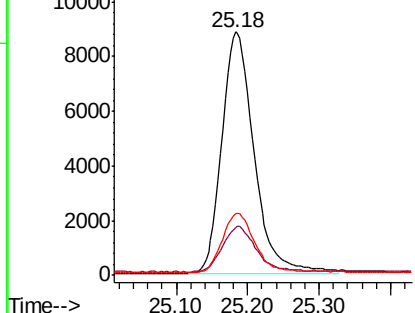
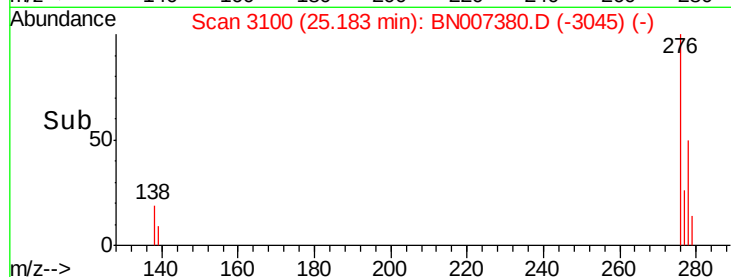


Abundance

Ion 276.00 (275.70 to 276.70): E

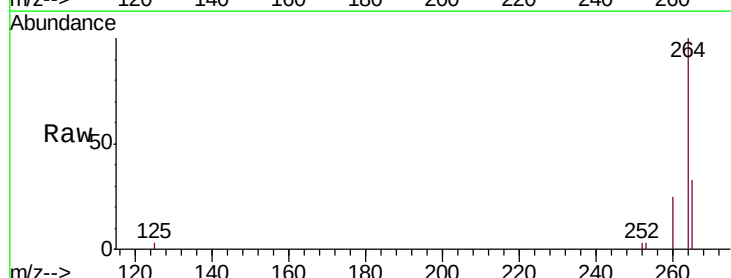
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.12 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BN007380.D
 Acq: 25 Aug 2019 02:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	32.9	29.9	44.9

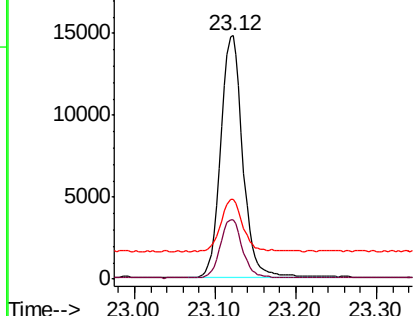
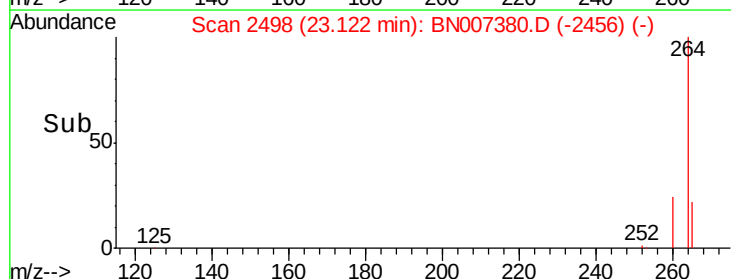


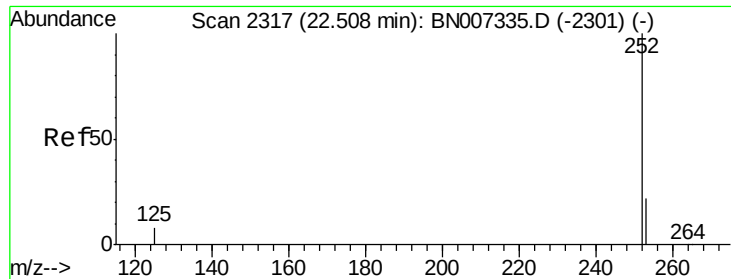
Abundance

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





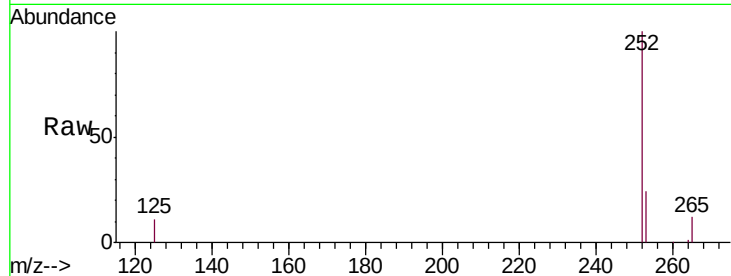
#35
Benzo(b)fluoranthene
Concen: 0.223 ng
RT: 22.50 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	10.6	10.6	16.0

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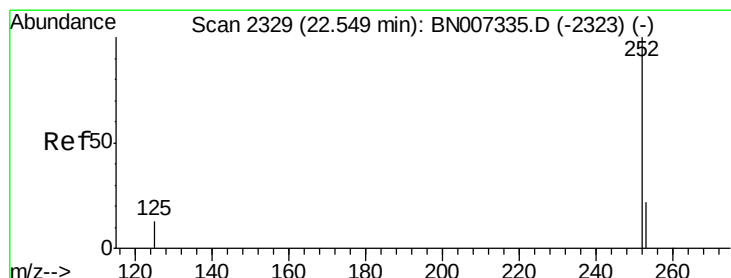
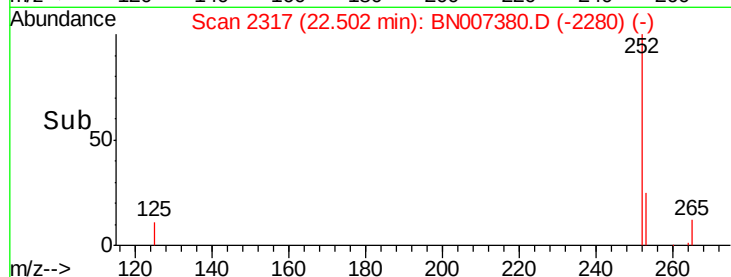
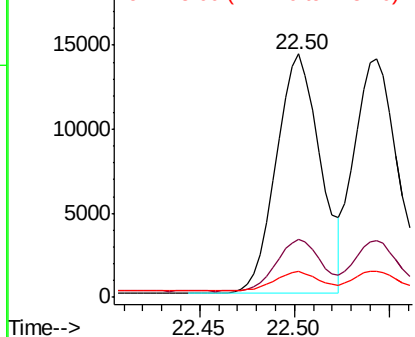


Abundance

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: 0.227 ng
RT: 22.54 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

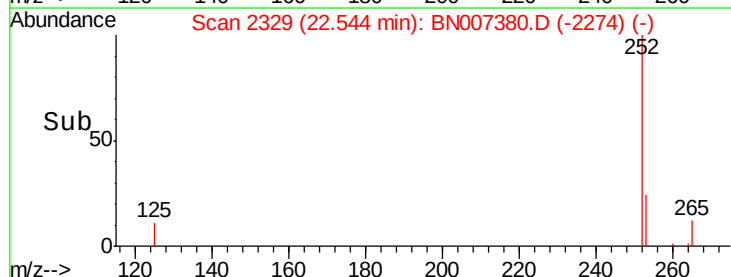
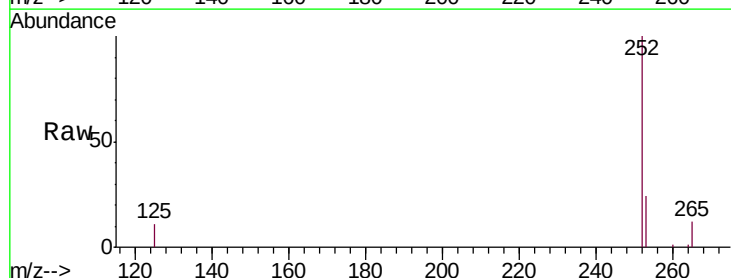
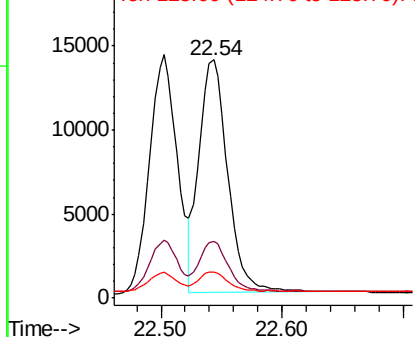
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.4	29.2
125	10.8	13.1	19.7#

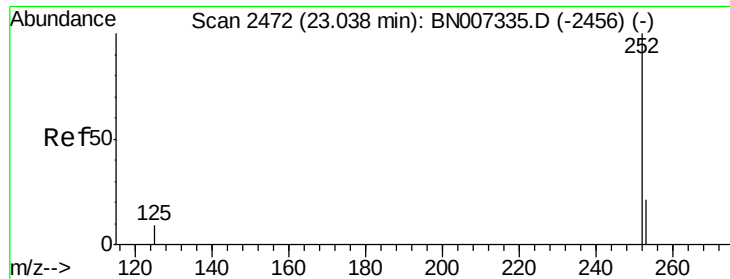
Abundance

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





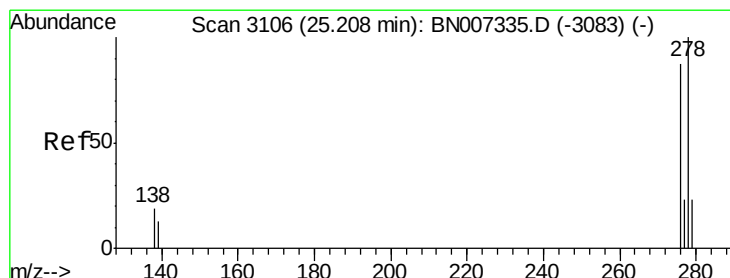
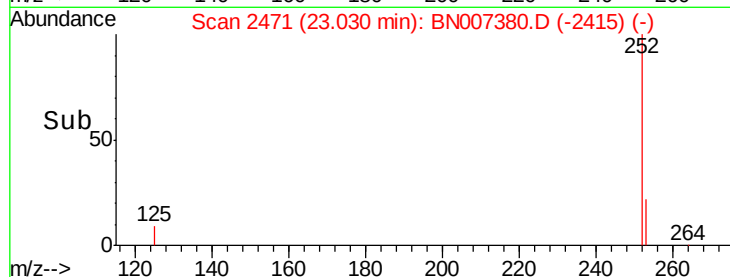
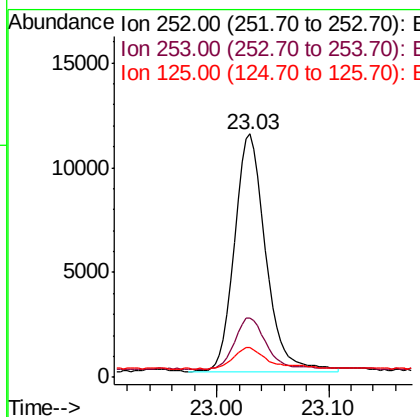
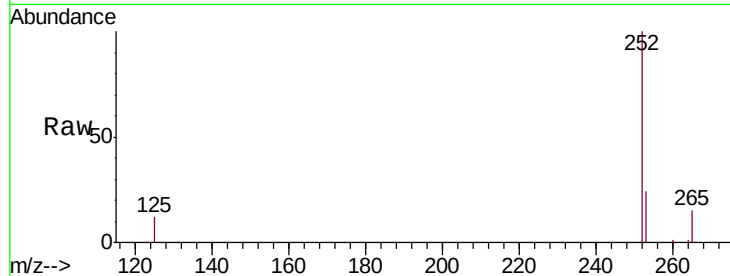
#37
Benzo(a)pyrene
Concen: 0.225 ng
RT: 23.03 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.5	29.3
125	12.4	12.1	18.1

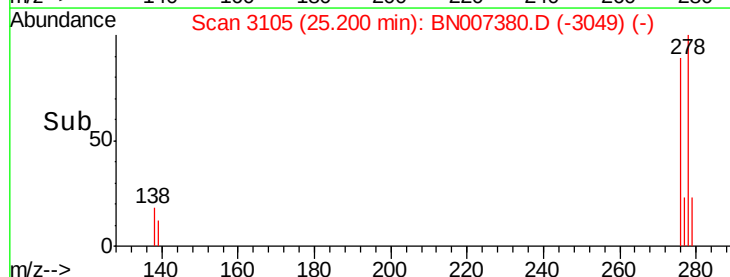
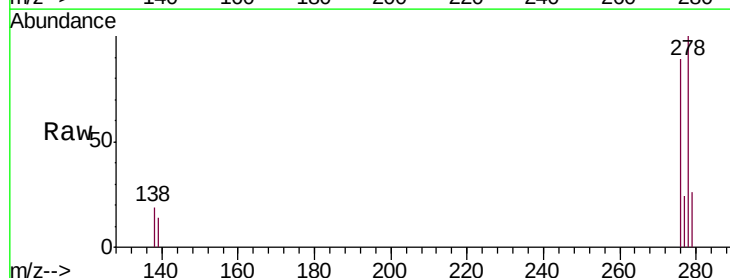
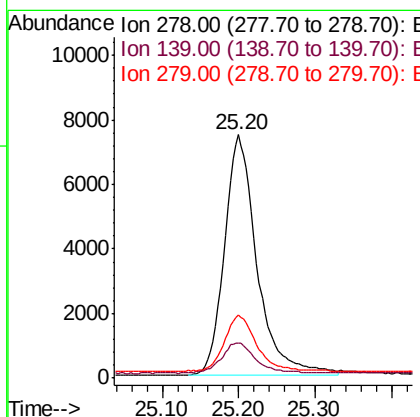
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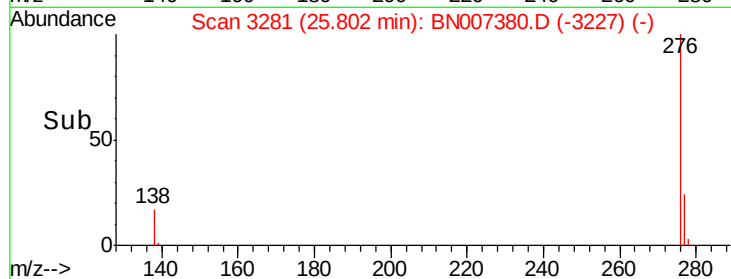
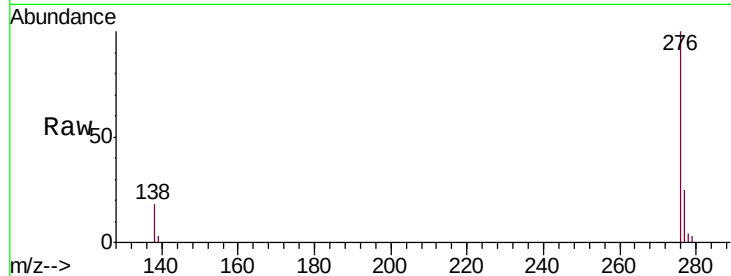
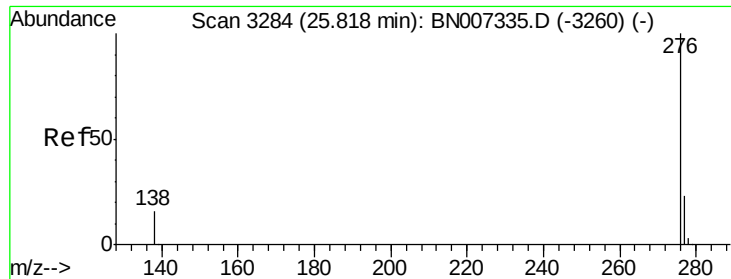
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#38
Dibenzo(a,h)anthracene
Concen: 0.230 ng
RT: 25.20 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	13.7	20.5
279	25.8	20.2	30.4





#39

Benzo(a,h,i)perylene

Concen: 0.251 ng

RT: 25.80 min Scan# 3281

Delta R.T. -0.02 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

ClientSampleId :

PB122525BS

Tot Ion:	276	Resp:	24234
Ion Ratio	Lower	Upper	
276	100		
277	24.8	19.6	29.4
138	18.0	16.3	24.5

Manual Integrations
APPROVED

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