

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082419\
 Data File : BN007372.D
 Acq On : 24 Aug 2019 20:18
 Operator : HP/JU
 Sample : K4443-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S701-N-1.0-1.5-082019MSD

Manual Integrations
 APPROVED

mohammad
 8/31/2019 2:40:19 PM

Quant Time: Aug 25 00:36:41 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	6069	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	25725	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	13957	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	31328	0.40	ng	0.00
27) Chrysene-d12	21.02	240	32245	0.40	ng	0.00
34) Perylene-d12	23.13	264	35438	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.04	112	5648	0.26	ng	0.00
5) Phenol-d6	6.59	99	7379	0.27	ng	0.00
8) Nitrobenzene-d5	8.53	82	5527	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	11768m	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1892	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	13688	0.24	ng	0.00
25) Fluoranthene-d10	18.84	212	23642	0.23	ng	0.00
29) Terphenyl-d14	19.47	244	16883	0.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.01	88	2213	0.219	ng	# 91
3) n-Nitrosodimethylamine	3.31	42	1214	0.259	ng	# 69
6) bis(2-Chloroethyl)ether	6.84	93	6222	0.284	ng	97
9) Naphthalene	10.20	128	22580	0.307	ng	# 90
10) Hexachlorobutadiene	10.51	225	4025	0.267	ng	# 98
12) 2-Methylnaphthalene	11.83	142	15389	0.307	ng	97
16) Acenaphthylene	13.76	152	26871	0.325	ng	99
17) Acenaphthene	14.11	154	14677	0.304	ng	99
18) Fluorene	15.10	166	18721	0.306	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	3552	0.288	ng	93
21) Hexachlorobenzene	16.11	284	6244	0.297	ng	96
22) Pentachlorophenol	16.46	266	2151	0.330	ng	# 65
23) Phenanthrene	16.84	178	48825	0.518	ng	99
24) Anthracene	16.93	178	33368	0.352	ng	99
26) Fluoranthene	18.87	202	99226	0.820	ng	100
28) Pyrene	19.24	202	91165	0.703	ng	97
30) Benzo(a)anthracene	21.00	228	69228	0.547	ng	99
31) Chrysene	21.06	228	76692	0.627	ng	99
32) Bis(2-ethylhexyl)phthalate	20.97	149	25285	0.290	ng	99
33) Indeno(1,2,3-cd)pyrene	25.19	276	73550	0.500	ng	99
35) Benzo(b)fluoranthene	22.51	252	104580m	0.814	ng	
36) Benzo(k)fluoranthene	22.55	252	62729	0.494	ng	# 95
37) Benzo(a)pyrene	23.03	252	70273m	0.575	ng	
38) Dibenzo(a,h)anthracene	25.20	278	44784	0.367	ng	95
39) Benzo(g,h,i)perylene	25.81	276	67049	0.552	ng	97

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

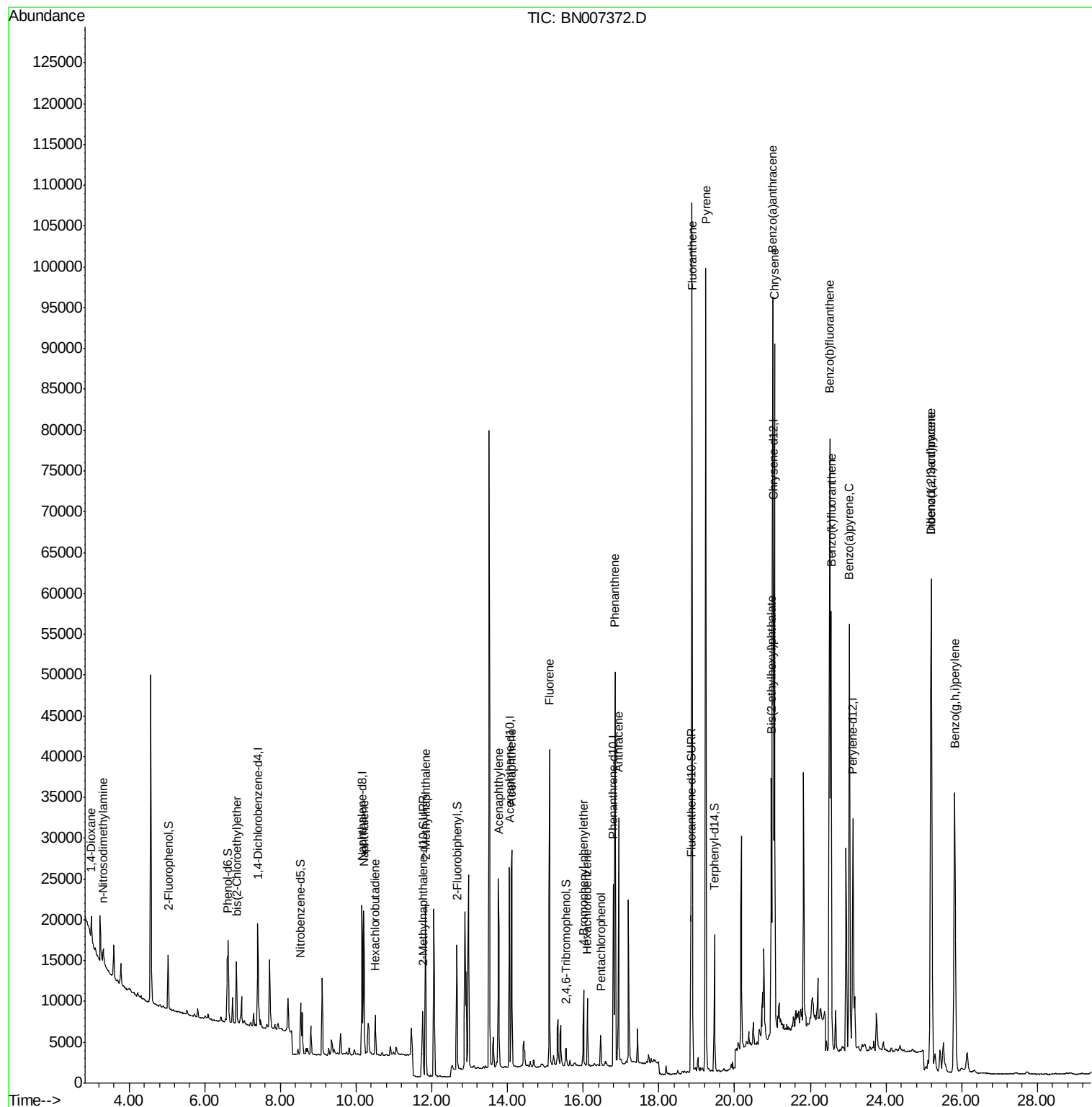
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082419\
Data File : BN007372.D
Acq On : 24 Aug 2019 20:18
Operator : HP/JU
Sample : K4443-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

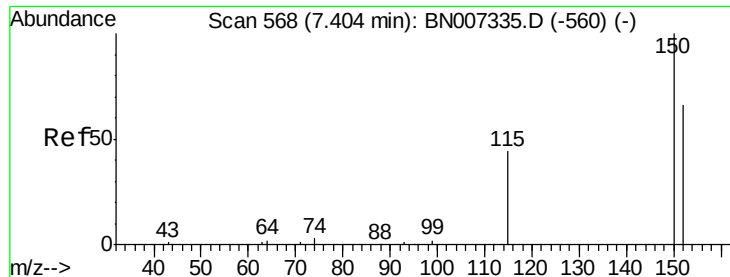
Instrument :
BNA_N
ClientSampleId :
S701-N-1.0-1.5-082019MSD

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#1

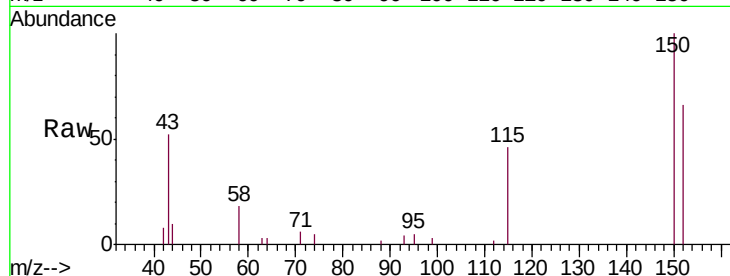
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007372.D
Acq: 24 Aug 2019 20:18

Instrument :
BNA_N
ClientSampleId :
S701-N-1.0-1.5-082019MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	109.1	163.7
115	69.3	59.6	89.4

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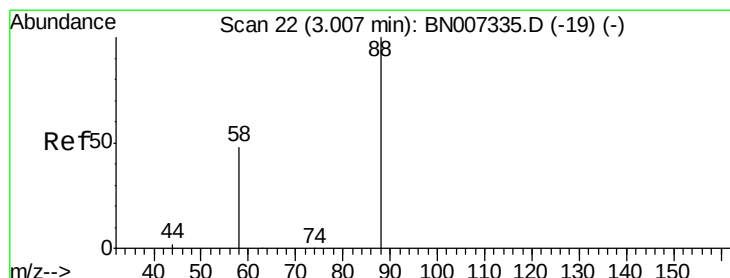
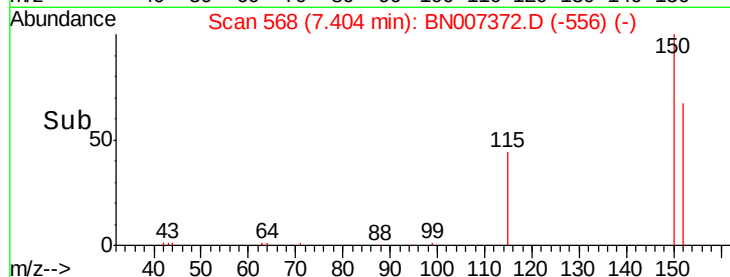
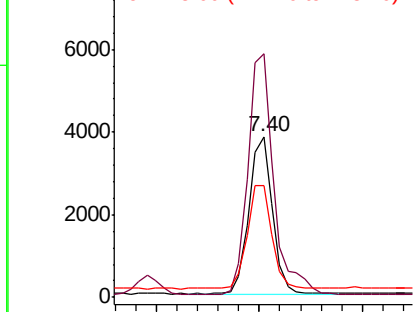


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

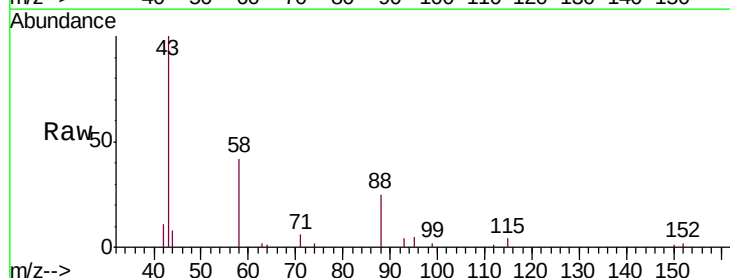
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.219 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007372.D
Acq: 24 Aug 2019 20:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	50.5	75.7
43	0.0	0.0	0.0

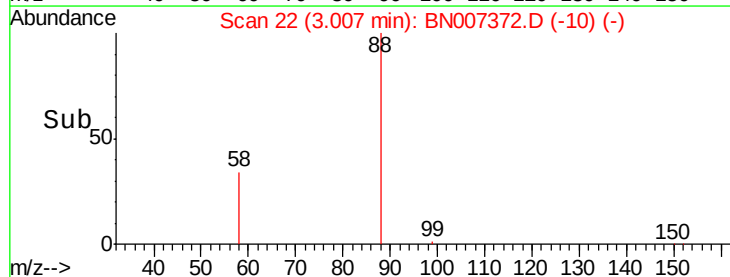
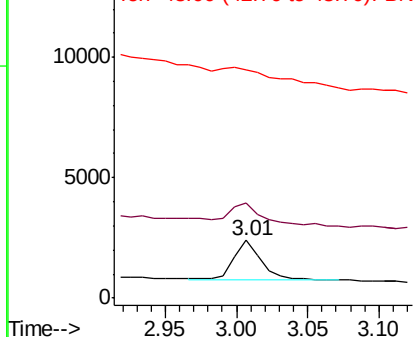


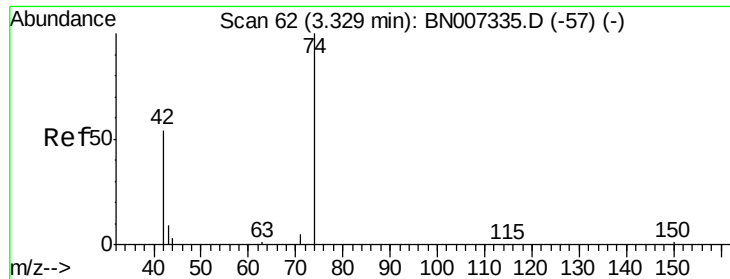
Abundance

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: 0.259 ng

RT: 3.31 min Scan# 60

Delta R.T. -0.02 min

Lab File: BN007372.D

Acq: 24 Aug 2019 20:18

Instrument :

BNA_N

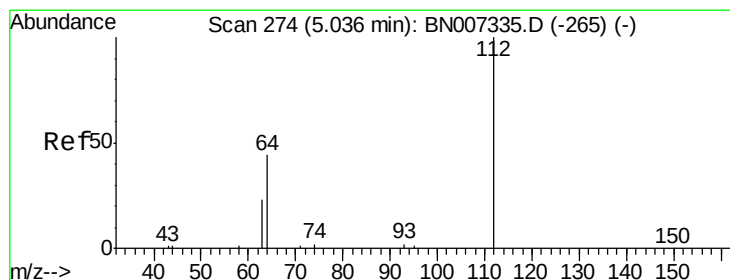
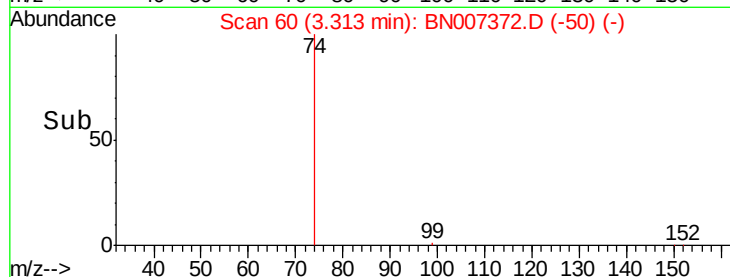
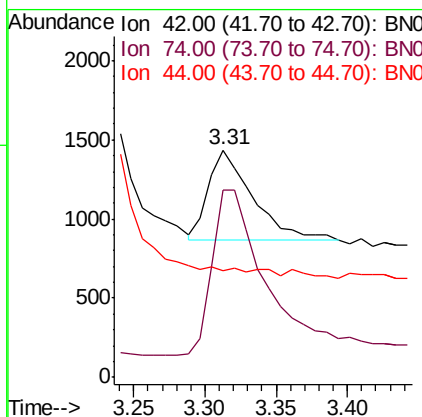
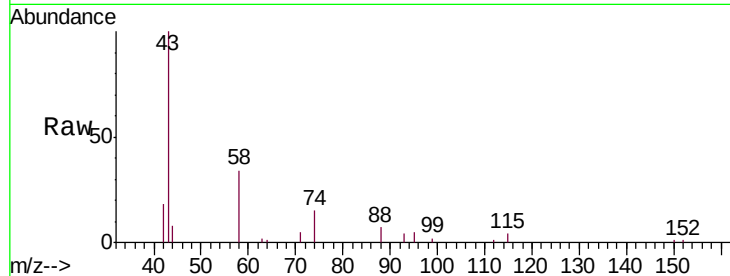
ClientSampleId :

S701-N-1.0-1.5-082019MSD

Tot Ion:	42	Resp:	1214
Ion	Ratio	Lower	Upper
42	100		
74	226.1	144.7	217.1#
44	0.0	3.2	4.8#

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#4

2-Fluorophenol

Concen: 0.258 ng

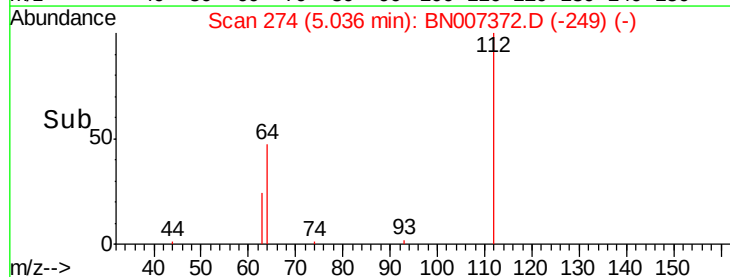
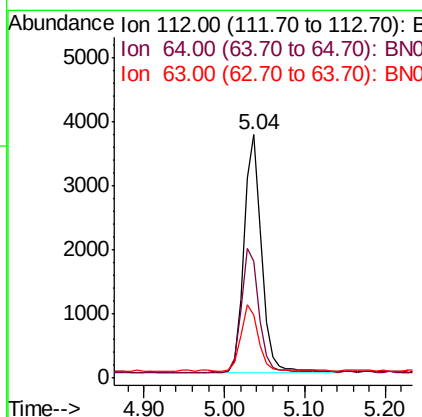
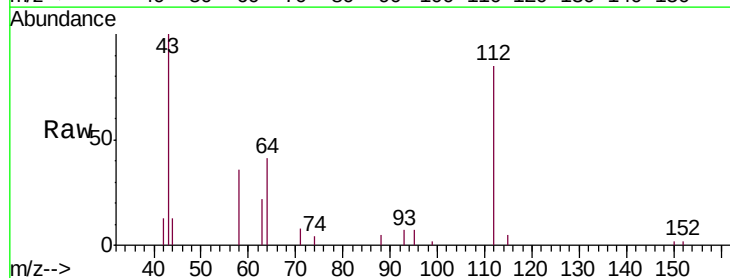
RT: 5.04 min Scan# 274

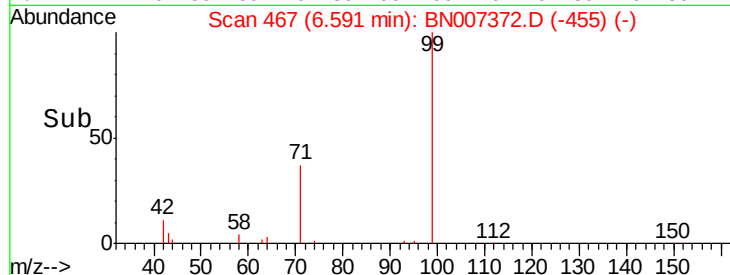
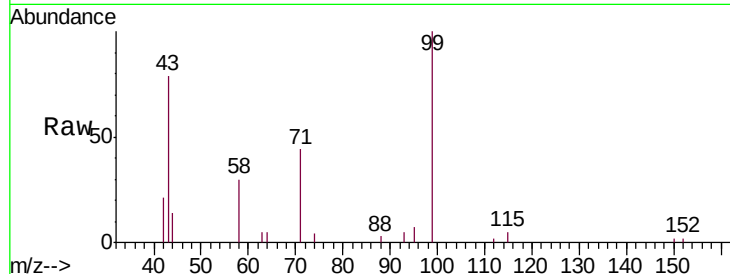
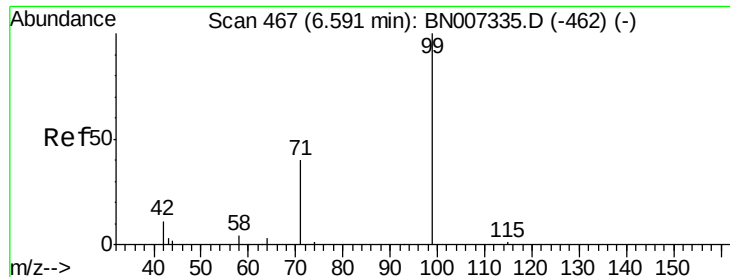
Delta R.T. 0.00 min

Lab File: BN007372.D

Acq: 24 Aug 2019 20:18

Tgt Ion:	112	Resp:	5648
Ion	Ratio	Lower	Upper
112	100		
64	53.8	42.3	63.5
63	28.5	23.6	35.4





#5

Phenol-d6

Concen: 0.265 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007372.D

Acq: 24 Aug 2019 20:18

Tot Ion:	99	Resp:	7379
Ion	Ratio	Lower	Upper
99	100		
42	17.1	11.2	16.8#
71	37.5	31.8	47.8

Instrument :

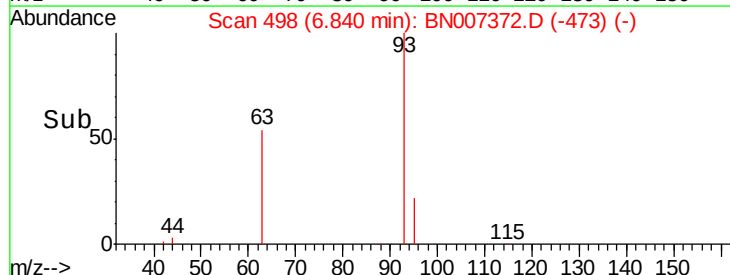
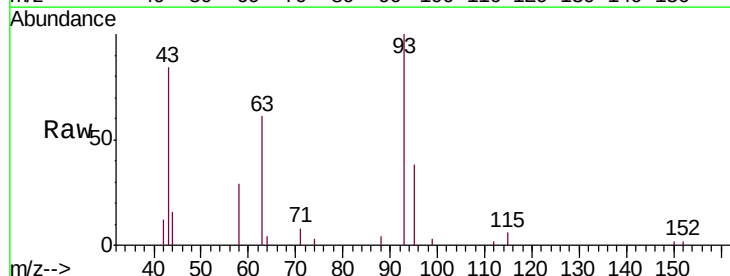
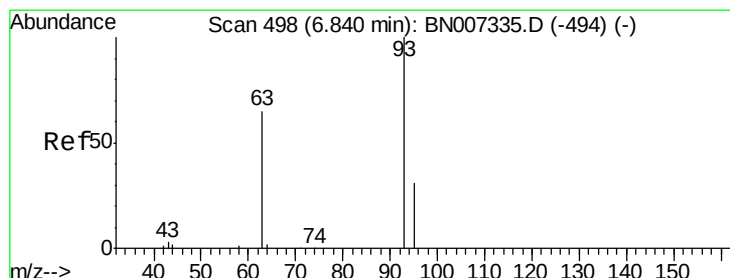
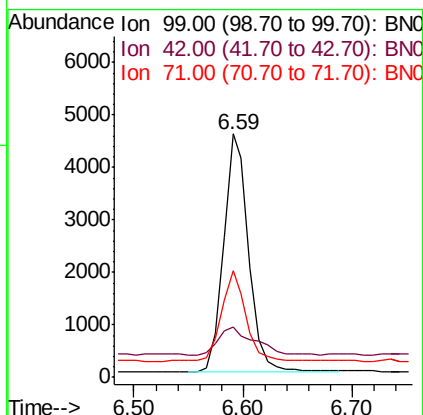
BNA_N

ClientSampleId :

S701-N-1.0-1.5-082019MSD

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#6

bis(2-Chloroethyl)ether

Concen: 0.284 ng

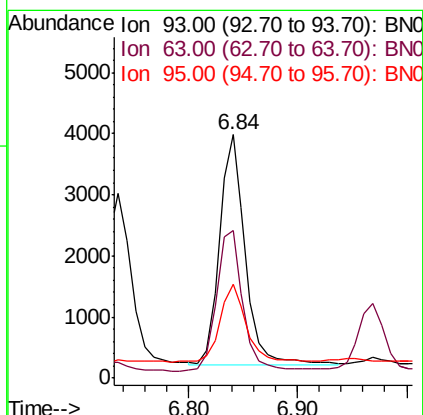
RT: 6.84 min Scan# 498

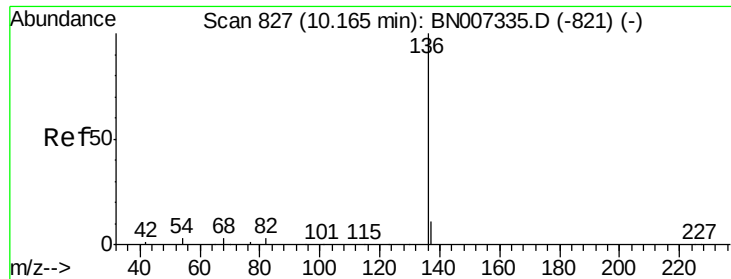
Delta R.T. -0.00 min

Lab File: BN007372.D

Acq: 24 Aug 2019 20:18

Tgt Ion:	93	Resp:	6222
Ion	Ratio	Lower	Upper
93	100		
63	62.3	51.9	77.9
95	32.4	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: BN007372.D

Acq: 24 Aug 2019 20:18

Instrument :

BNA_N

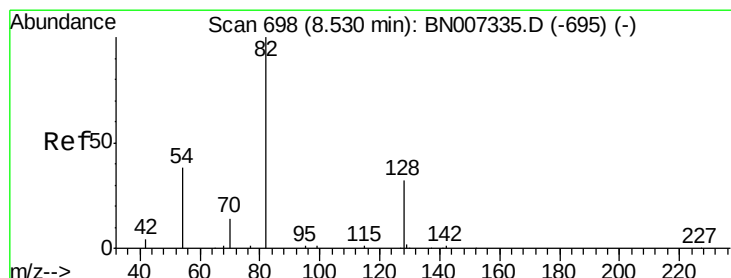
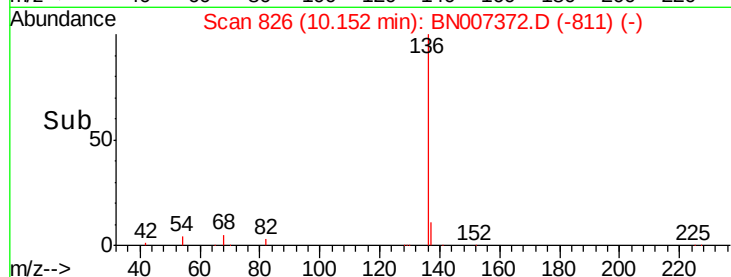
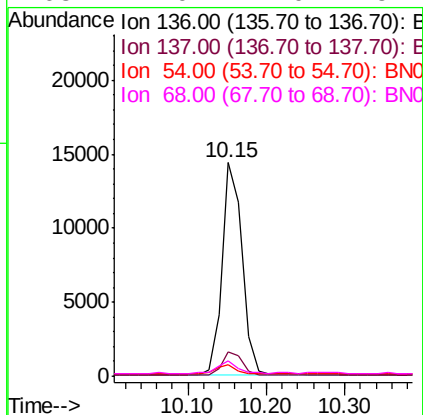
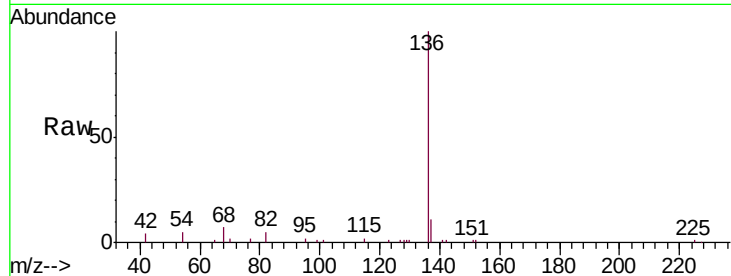
ClientSampleId :

S701-N-1.0-1.5-082019MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	12.9	19.3#
54	5.4	8.6	12.8#
68	7.0	17.0	25.4#

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#8

Nitrobenzene-d5

Concen: 0.247 ng

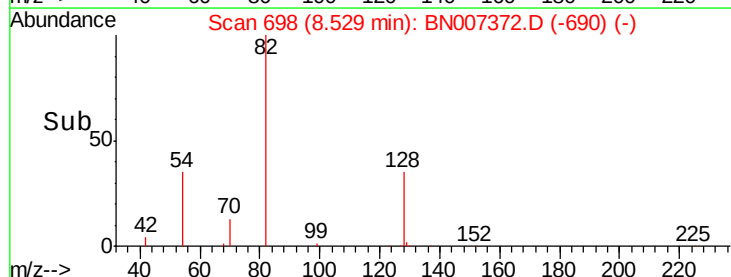
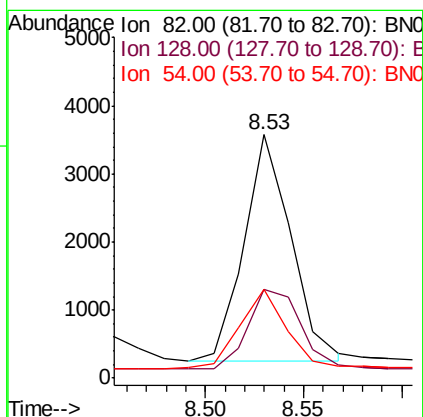
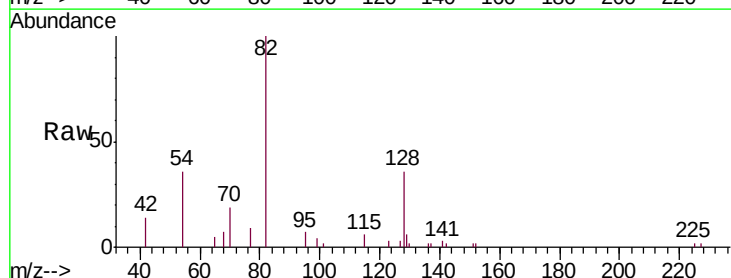
RT: 8.53 min Scan# 698

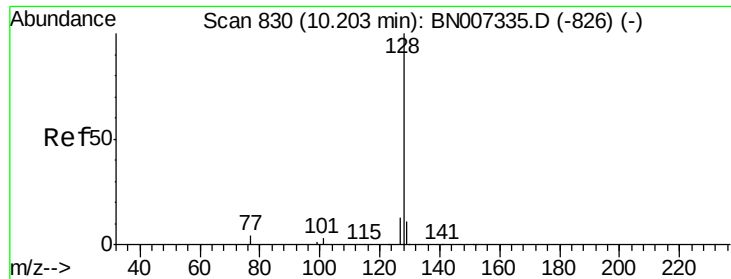
Delta R.T. -0.00 min

Lab File: BN007372.D

Acq: 24 Aug 2019 20:18

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.3	19.7	29.5#
54	36.4	25.8	38.6





#9

Naphthalene

Concen: 0.307 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007372.D

Acq: 24 Aug 2019 20:18

Instrument :

BNA_N

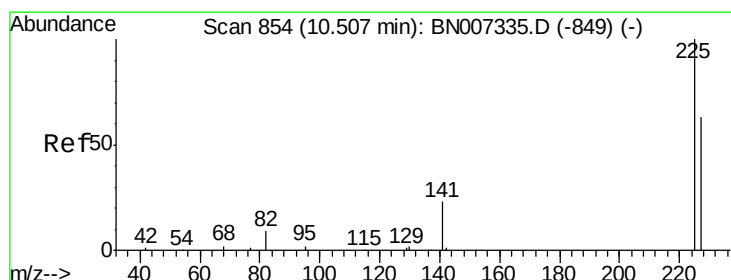
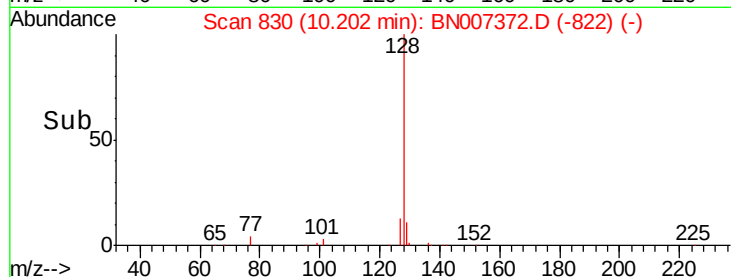
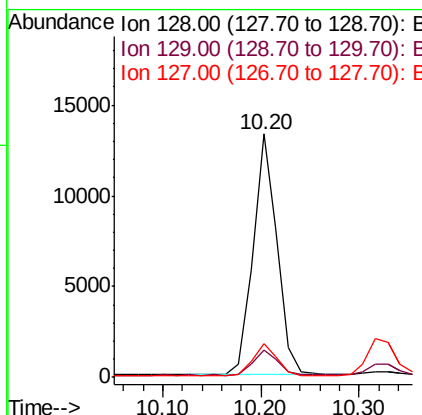
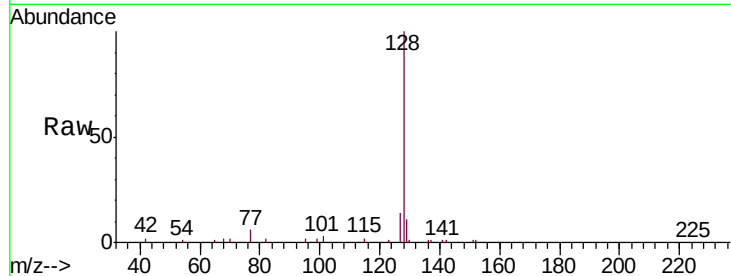
ClientSampleId :

S701-N-1.0-1.5-082019MSD

Tot Ion:	128	Resp:	22580
Ion Ratio	Lower	Upper	
128	100		
129	11.5	11.1	16.7
127	13.9	15.5	23.3#

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#10

Hexachlorobutadiene

Concen: 0.267 ng

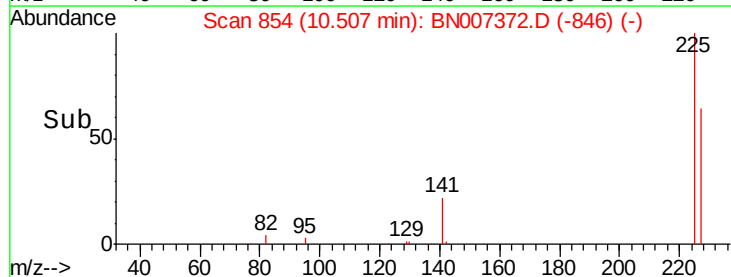
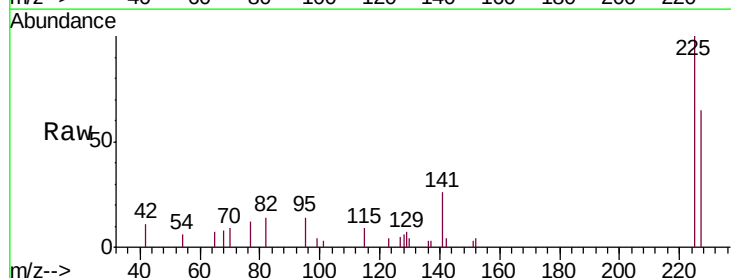
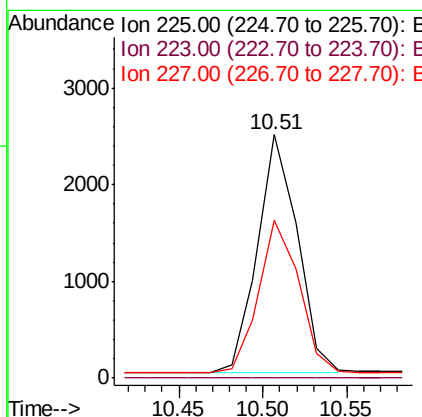
RT: 10.51 min Scan# 854

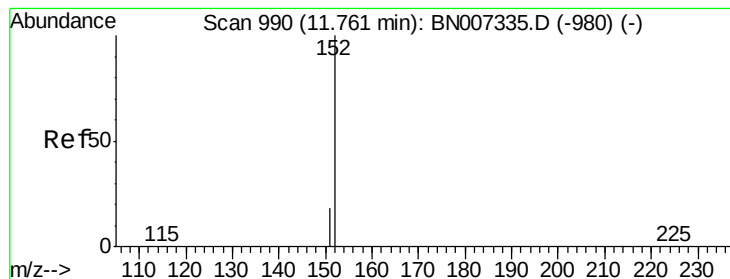
Delta R.T. -0.00 min

Lab File: BN007372.D

Acq: 24 Aug 2019 20:18

Tgt Ion:	225	Resp:	4025
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	65.3	50.7	76.1





#11

2-Methylnaphthalene-d10

Concen: 0.275 ng m

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007372.D

Acq: 24 Aug 2019 20:18

Instrument :

BNA_N

ClientSampleId :

S701-N-1.0-1.5-082019MSD

Tot Ion:152 Resp: 11768

Ion Ratio Lower Upper

152 100

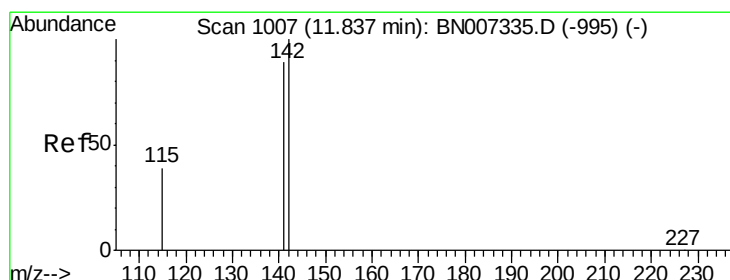
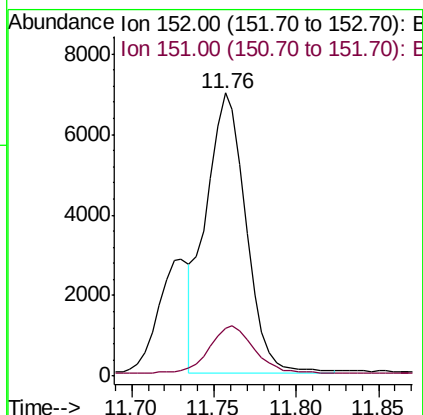
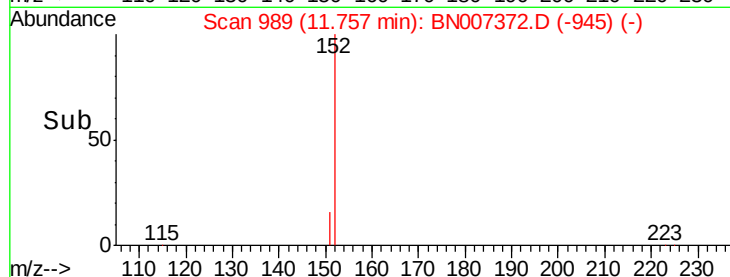
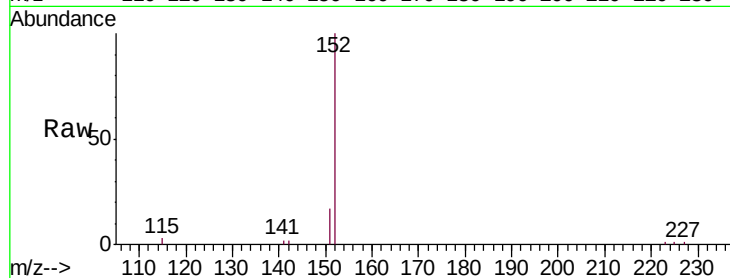
151 18.7 16.2 24.2

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#12

2-Methylnaphthalene

Concen: 0.307 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007372.D

Acq: 24 Aug 2019 20:18

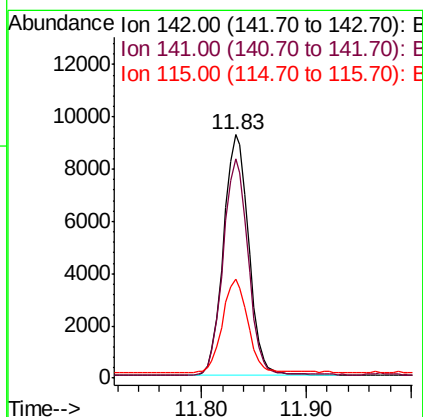
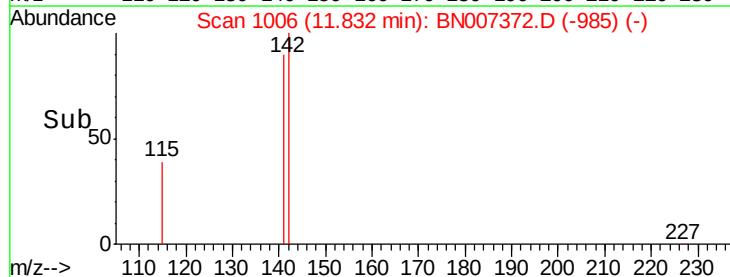
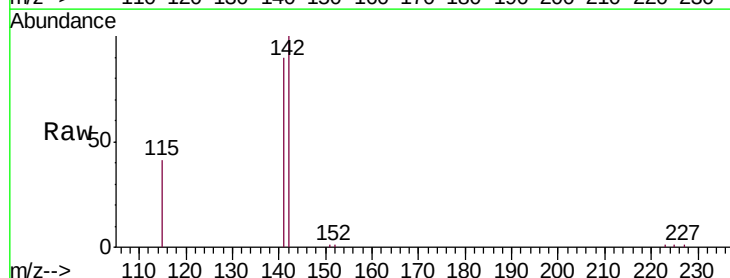
Tgt Ion:142 Resp: 15389

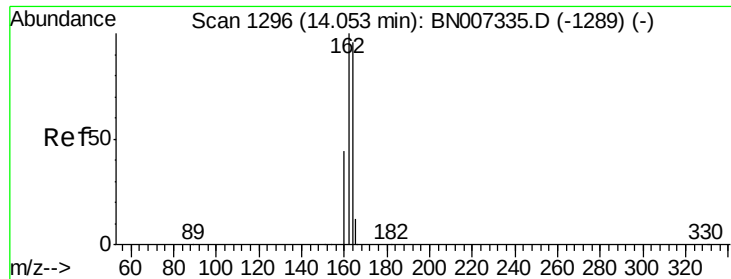
Ion Ratio Lower Upper

142 100

141 89.8 72.8 109.2

115 40.7 35.2 52.8





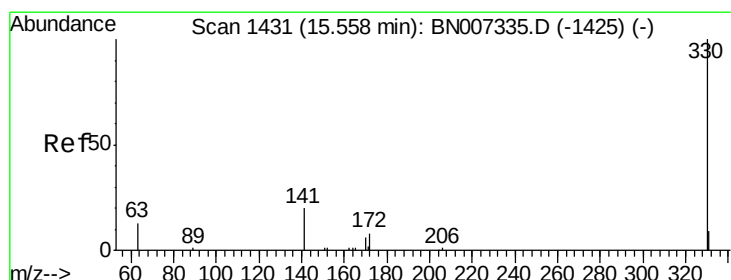
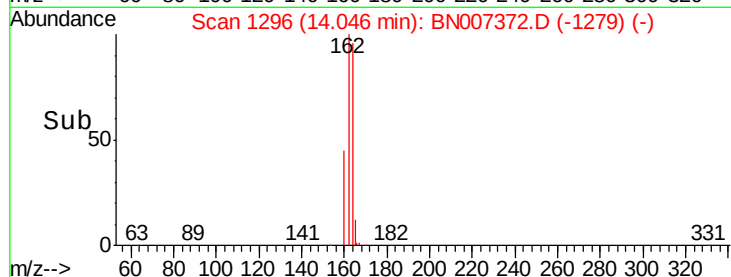
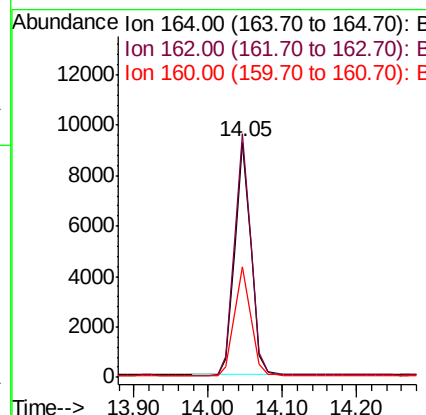
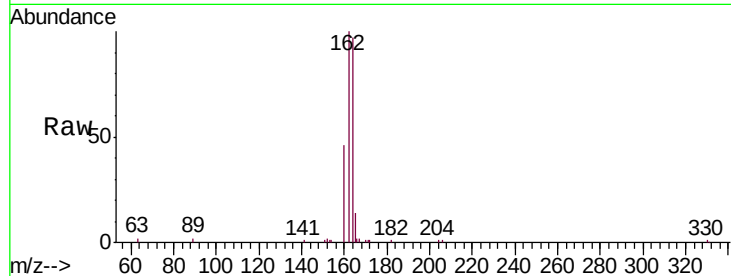
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007372.D
Acq: 24 Aug 2019 20:18

Instrument :
BNA_N
ClientSampleId :
S701-N-1.0-1.5-082019MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.5	125.3
160	47.2	38.2	57.4

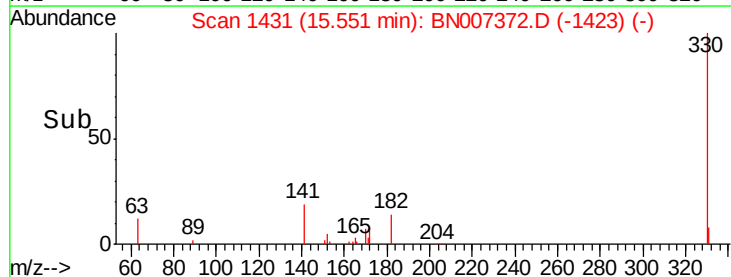
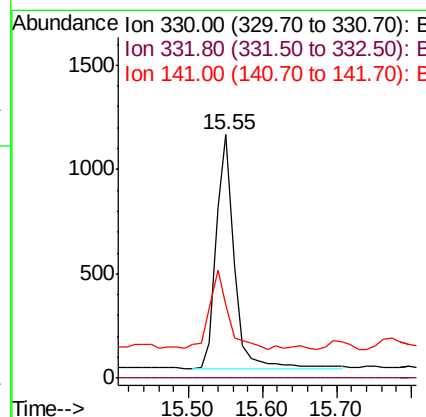
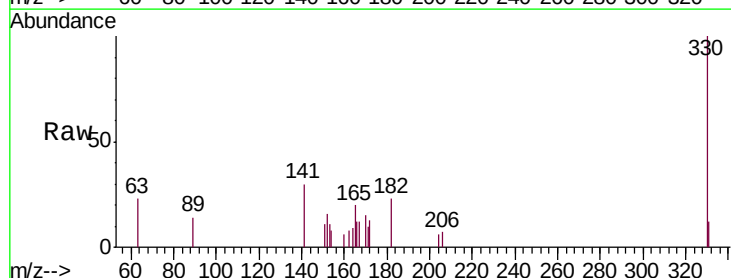
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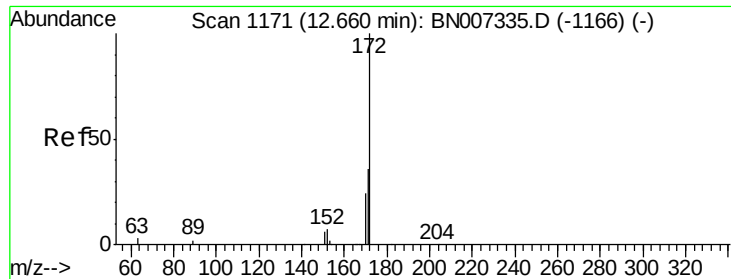
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#14
2,4,6-Tribromophenol
Concen: 0.259 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007372.D
Acq: 24 Aug 2019 20:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.3	26.9	40.3





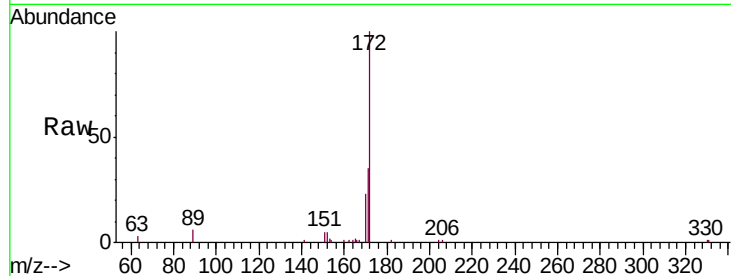
#15
2-Fluorobiphenyl
Concen: 0.243 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007372.D
Acq: 24 Aug 2019 20:18

Instrument :
BNA_N
ClientSampleId :
S701-N-1.0-1.5-082019MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.3	45.5
170	22.7	20.7	31.1

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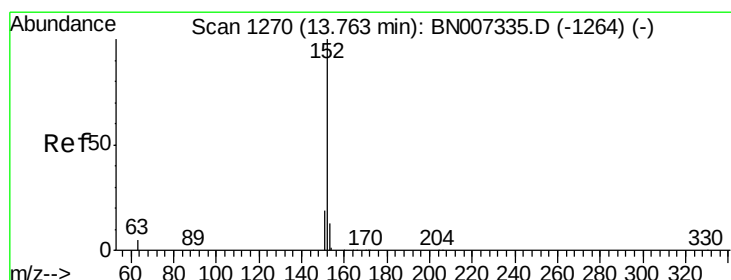
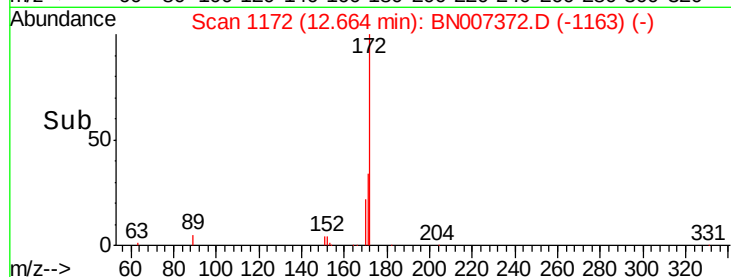
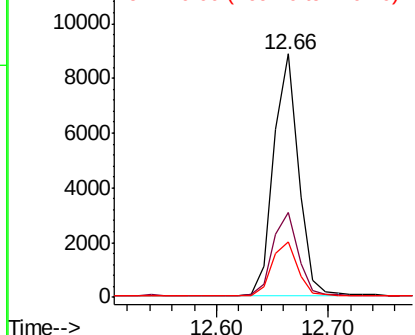


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.325 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007372.D
Acq: 24 Aug 2019 20:18

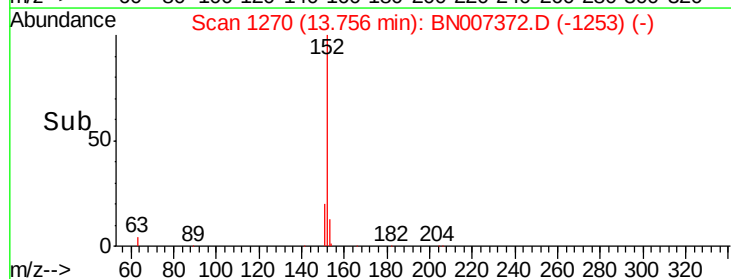
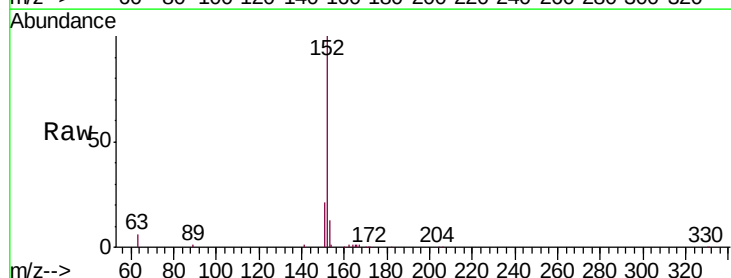
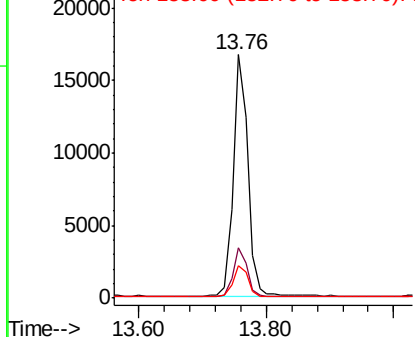
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.0	10.6	15.8

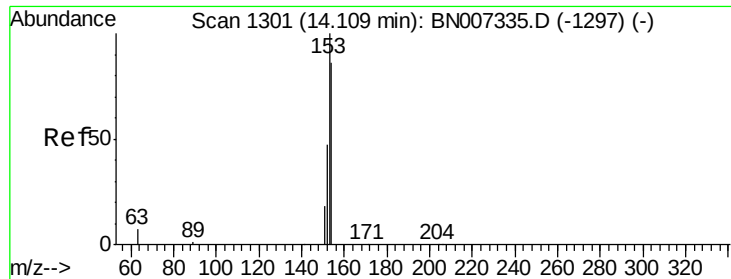
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.304 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007372.D

Acq: 24 Aug 2019 20:18

Instrument :

BNA_N

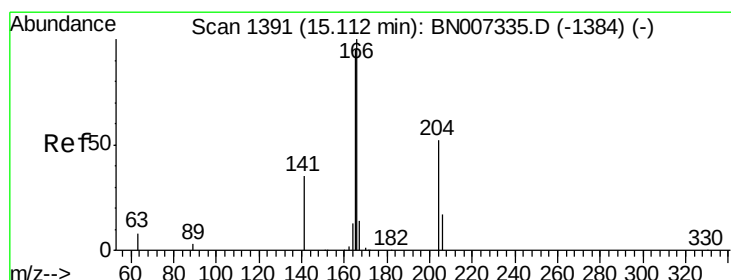
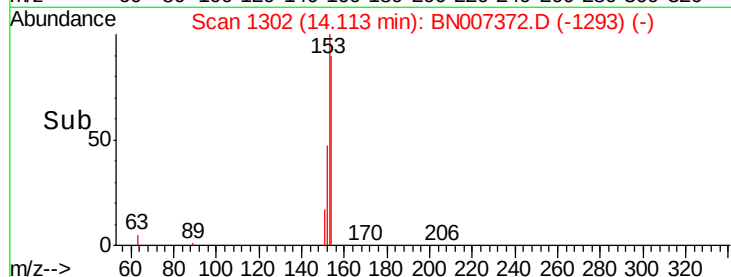
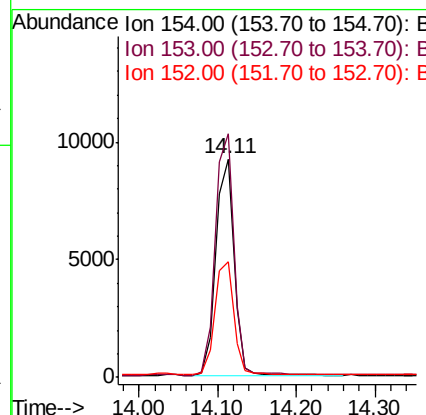
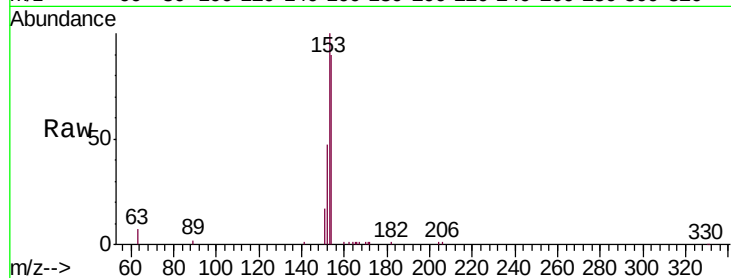
ClientSampleId :

S701-N-1.0-1.5-082019MSD

Tot Ion:	154	Resp:	14677
Ion Ratio	Lower	Upper	
154	100		
153	114.7	92.8	139.2
152	54.3	43.8	65.8

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#18

Fluorene

Concen: 0.306 ng

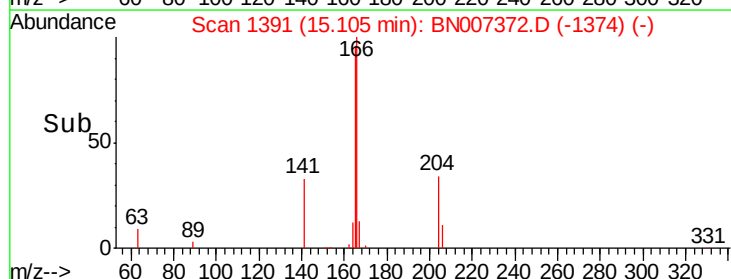
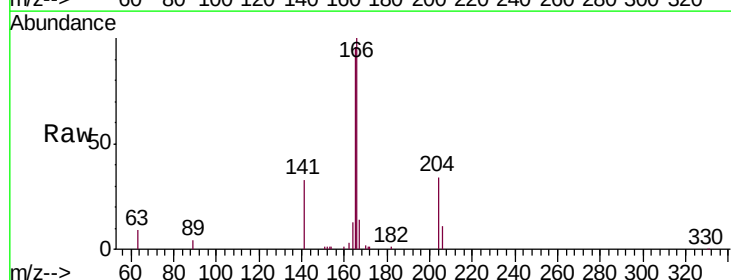
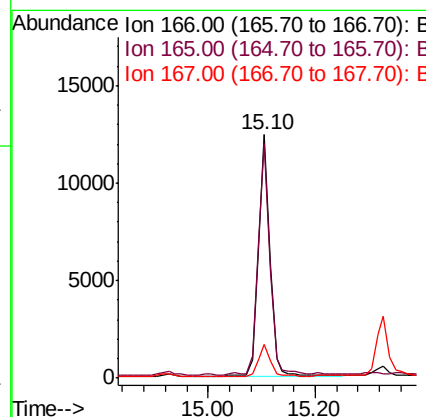
RT: 15.10 min Scan# 1391

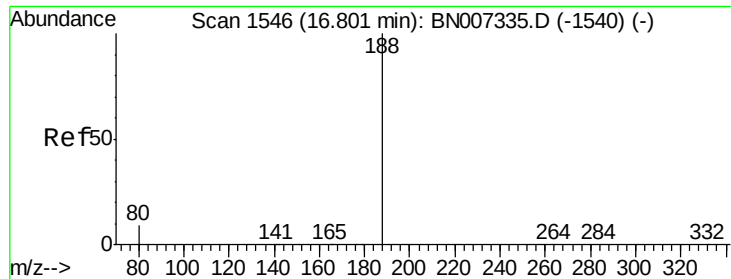
Delta R.T. -0.01 min

Lab File: BN007372.D

Acq: 24 Aug 2019 20:18

Tgt Ion:	166	Resp:	18721
Ion Ratio	Lower	Upper	
166	100		
165	97.1	79.0	118.4
167	13.1	10.6	15.8





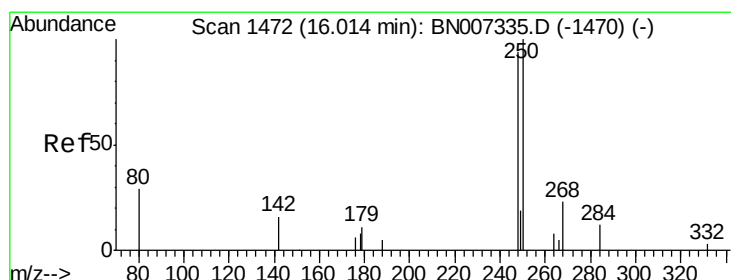
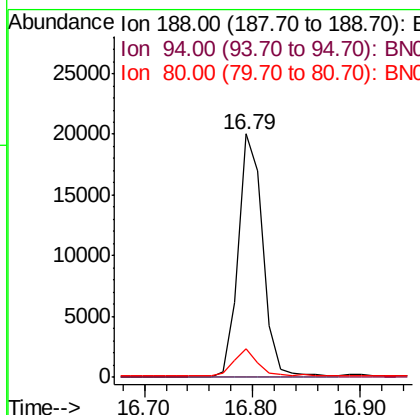
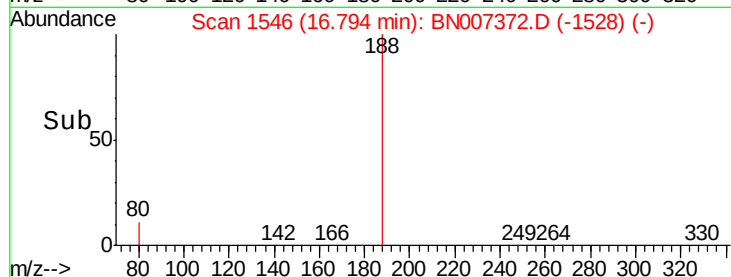
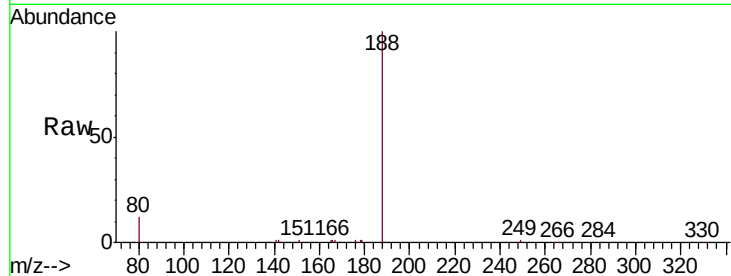
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007372.D
Acq: 24 Aug 2019 20:18

Instrument :
BNA_N
ClientSampleId :
S701-N-1.0-1.5-082019MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	31328		
94	0.0	0.0	0.0	0.0
80	11.8	11.8	17.8	

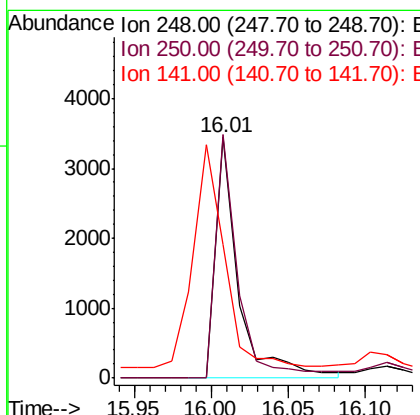
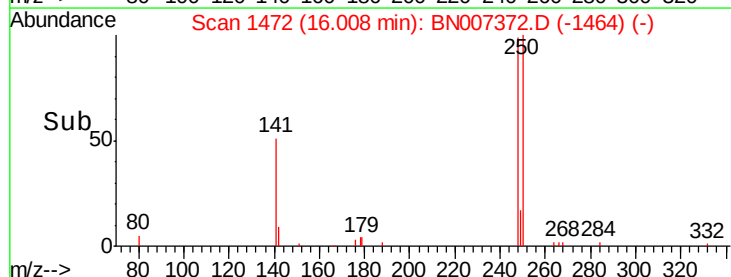
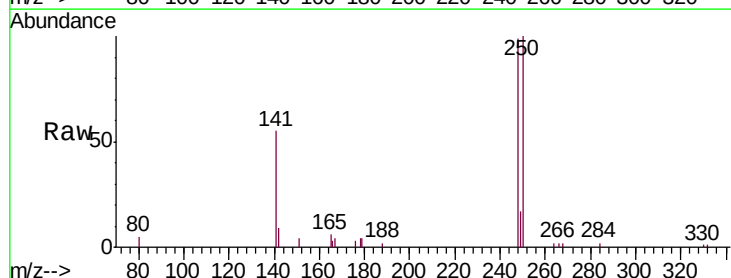
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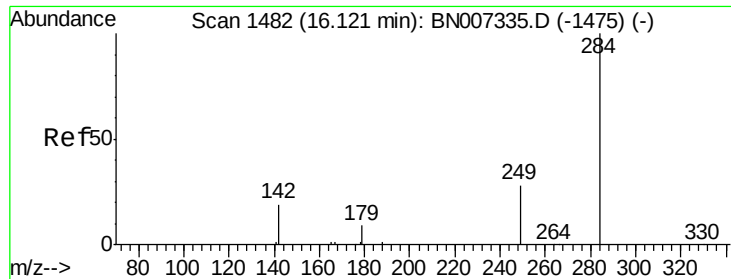
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#20
4-Bromophenyl-phenylether
Concen: 0.288 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007372.D
Acq: 24 Aug 2019 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	3552		
250	101.1	85.0	127.6	
141	55.6	51.7	77.5	





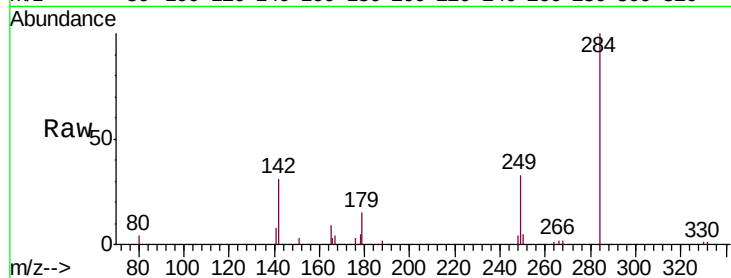
#21
Hexachlorobenzene
Concen: 0.297 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007372.D
Acq: 24 Aug 2019 20:18

Instrument :
BNA_N
ClientSampleId :
S701-N-1.0-1.5-082019MSD

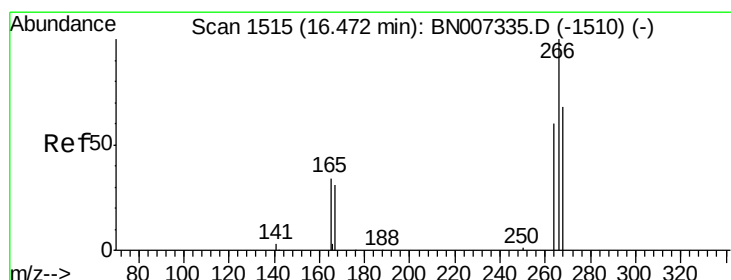
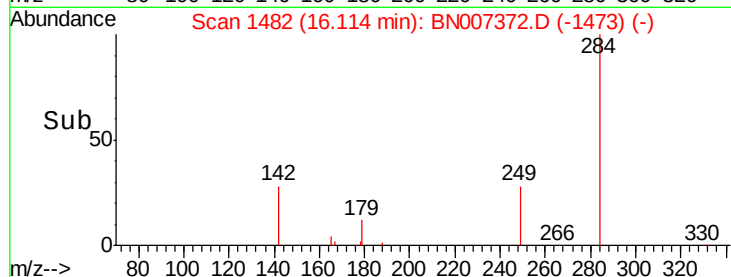
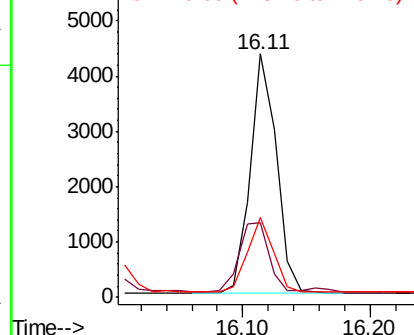
Tot Ion:	284	Resp:	6244
Ion Ratio	Lower	Upper	
284	100		
142	32.6	29.0	43.6
249	30.3	24.9	37.3

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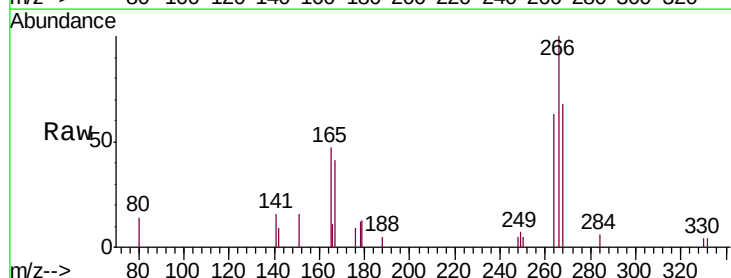


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

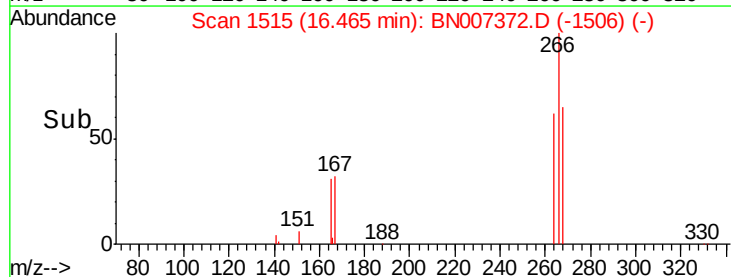
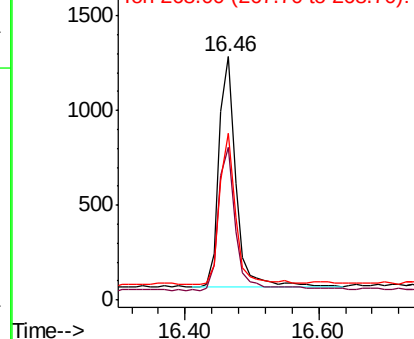


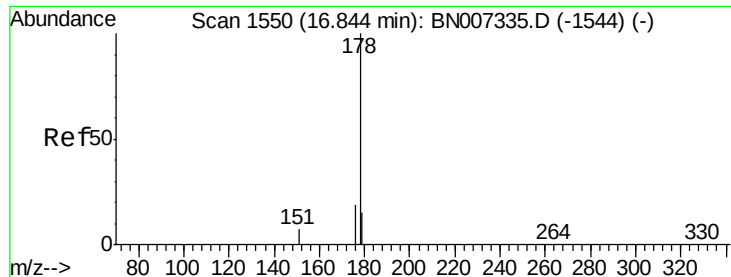
#22
Pentachlorophenol
Concen: 0.330 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007372.D
Acq: 24 Aug 2019 20:18

Tgt Ion:	266	Resp:	2151
Ion Ratio	Lower	Upper	
266	100		
264	62.8	57.8	86.8
268	68.5	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: 0.518 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007372.D

Acq: 24 Aug 2019 20:18

Instrument :

BNA_N

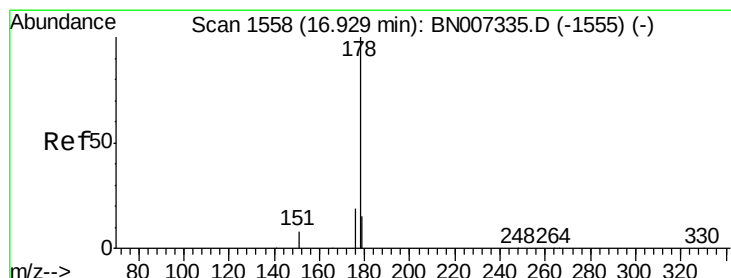
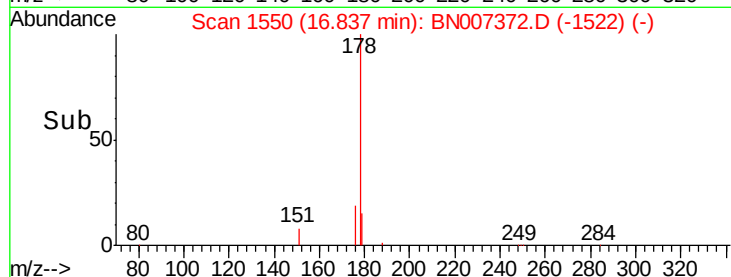
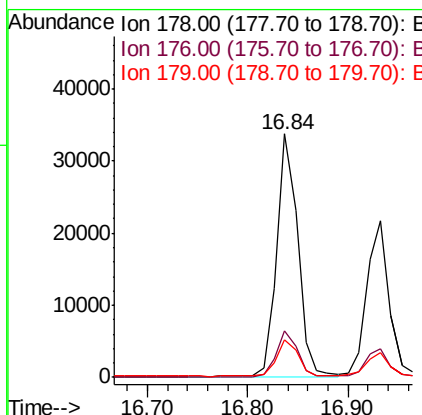
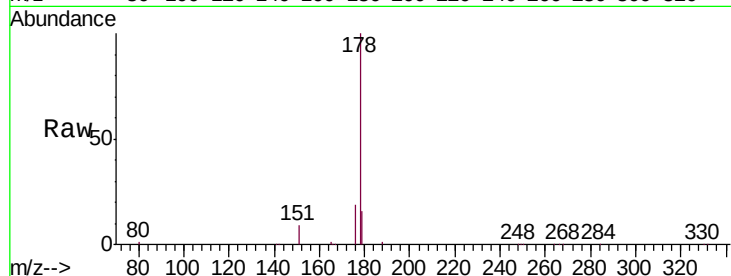
ClientSampleId :

S701-N-1.0-1.5-082019MSD

Tot Ion:	178	Resp:	48825
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.3	22.9
179	15.6	12.6	19.0

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#24

Anthracene

Concen: 0.352 ng

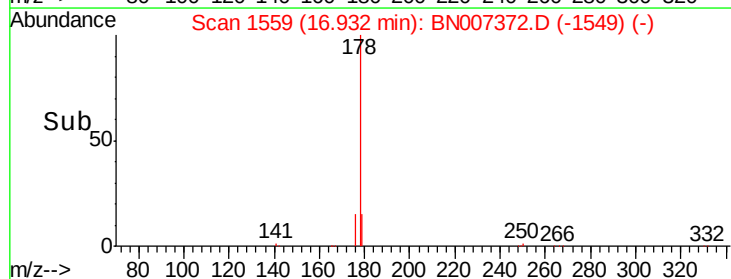
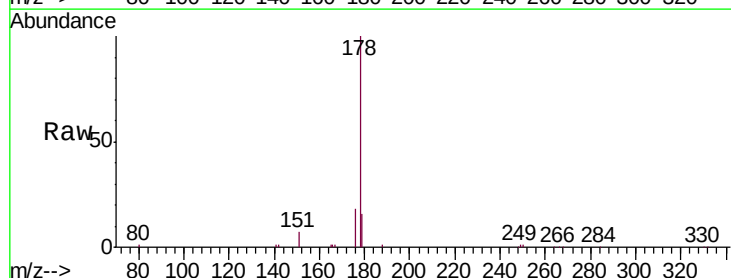
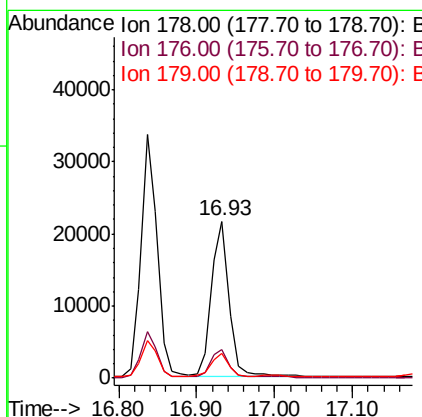
RT: 16.93 min Scan# 1559

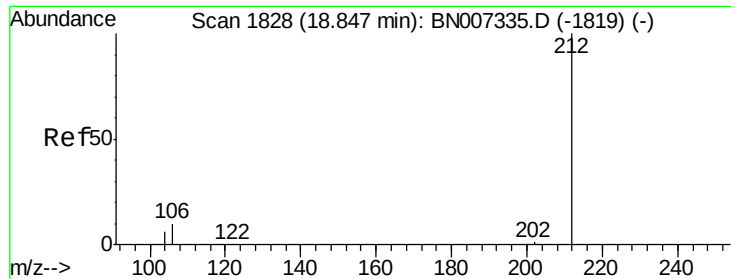
Delta R.T. 0.00 min

Lab File: BN007372.D

Acq: 24 Aug 2019 20:18

Tgt Ion:	178	Resp:	33368
Ion Ratio	Lower	Upper	
178	100		
176	18.1	14.9	22.3
179	15.0	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.234 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007372.D

Acq: 24 Aug 2019 20:18

Instrument :

BNA_N

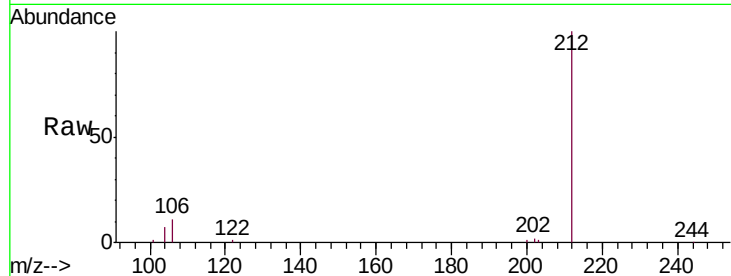
ClientSampleId :

S701-N-1.0-1.5-082019MSD

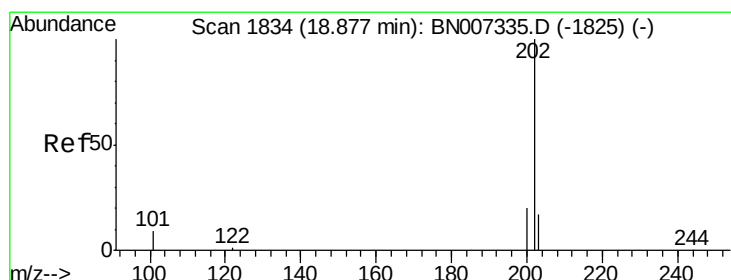
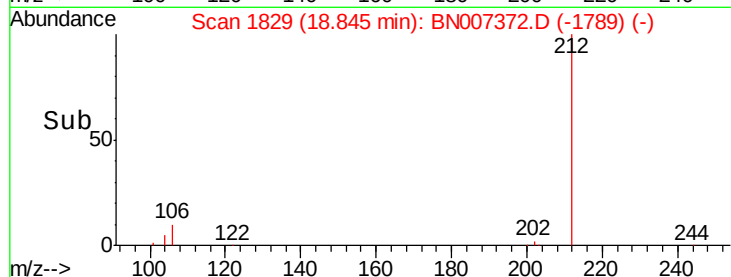
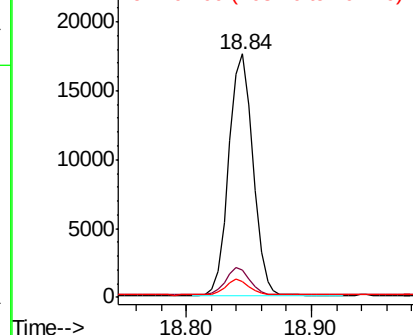
Tot Ion:	212	Resp:	23642
Ion Ratio	Lower	Upper	
212	100		
106	11.6	9.0	13.4
104	6.5	5.4	8.2

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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: 0.820 ng

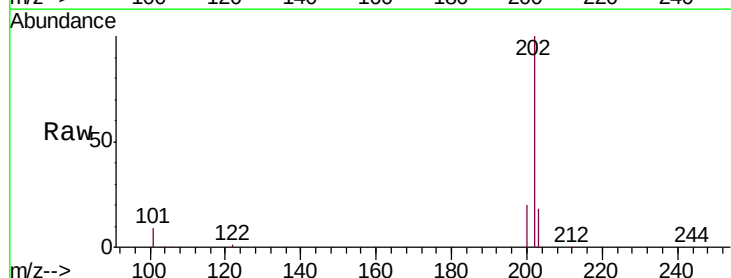
RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

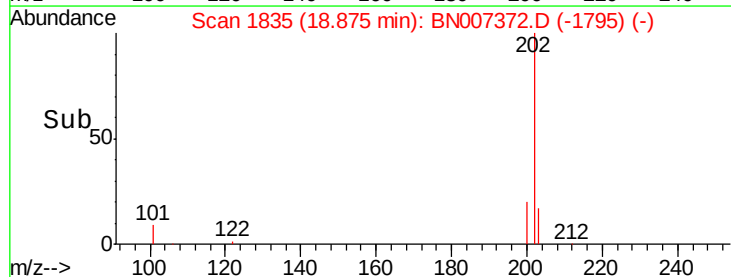
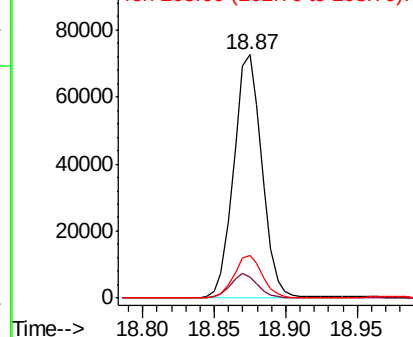
Lab File: BN007372.D

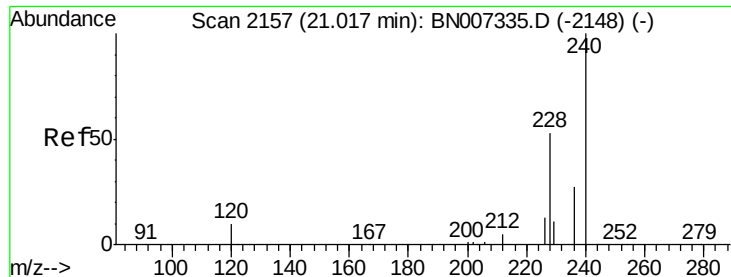
Acq: 24 Aug 2019 20:18

Tgt Ion:	202	Resp:	99226
Ion Ratio	Lower	Upper	
202	100		
101	9.5	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





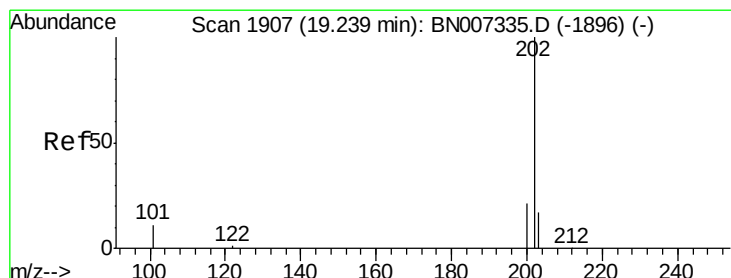
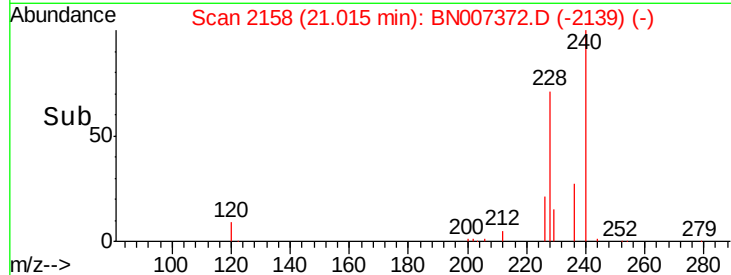
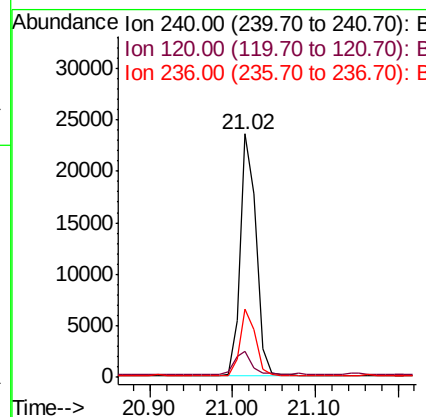
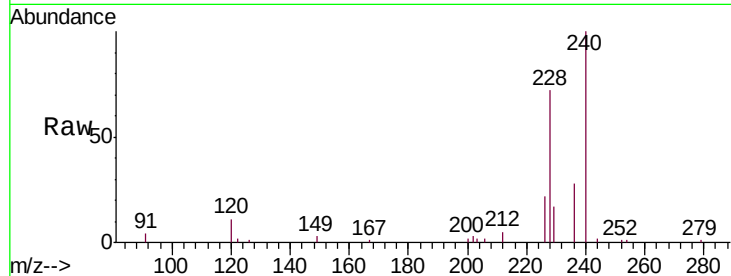
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007372.D
Acq: 24 Aug 2019 20:18

Instrument :
BNA_N
ClientSampleId :
S701-N-1.0-1.5-082019MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.6	14.4
236	28.0	22.2	33.2

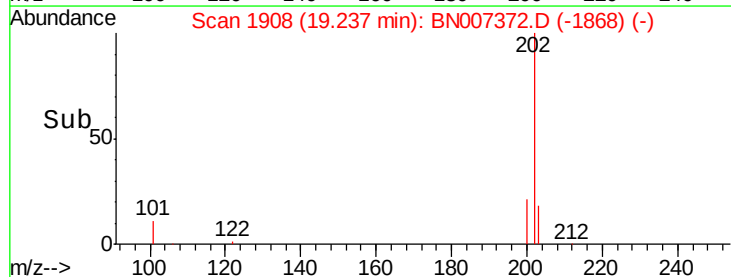
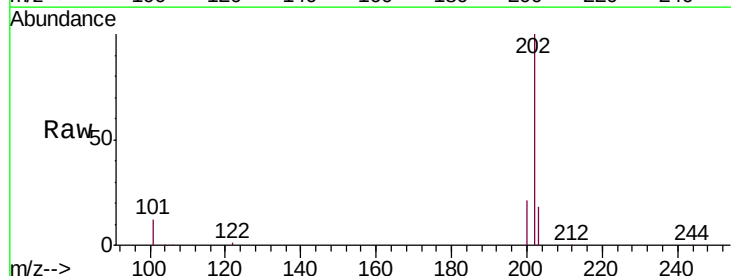
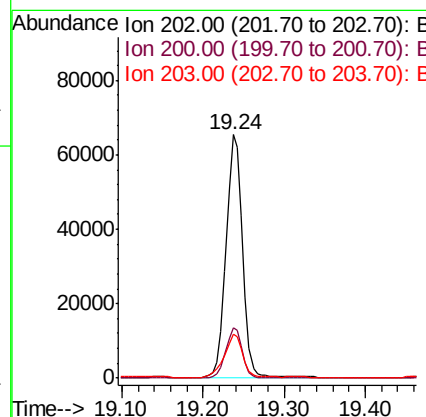
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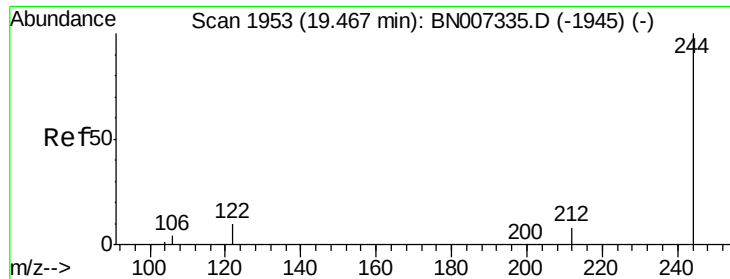
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#28
Pyrene
Concen: 0.703 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007372.D
Acq: 24 Aug 2019 20:18

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	20.2	14.2	21.4





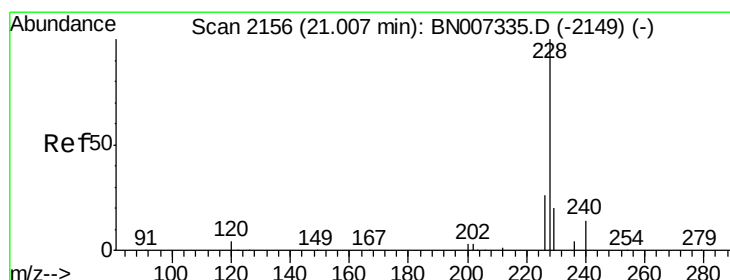
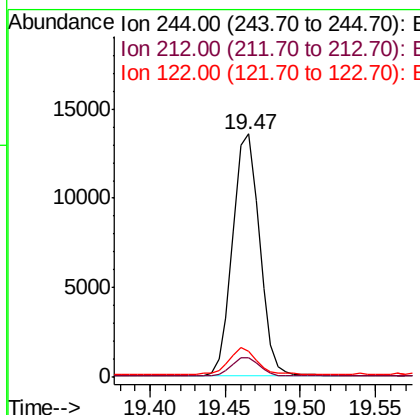
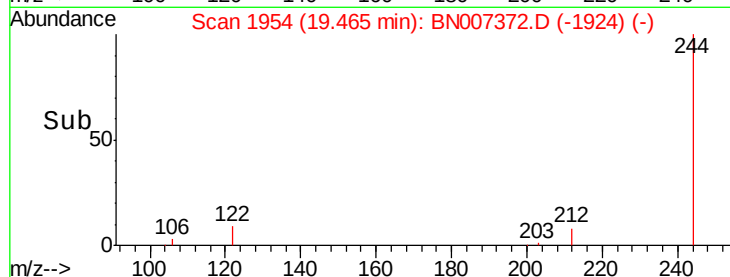
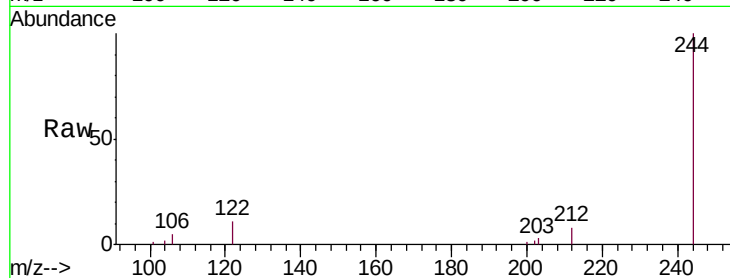
#29
 Terphenyl-d14
 Concen: 0.200 ng
 RT: 19.47 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BN007372.D
 Acq: 24 Aug 2019 20:18

Instrument :
 BNA_N
 ClientSampleId :
 S701-N-1.0-1.5-082019MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.6
122	10.5	9.6	14.4

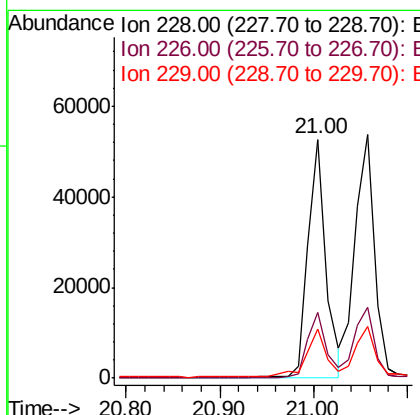
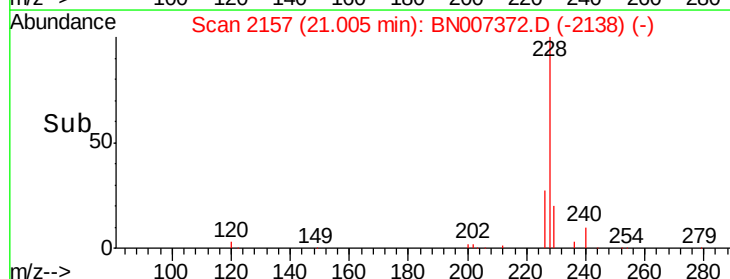
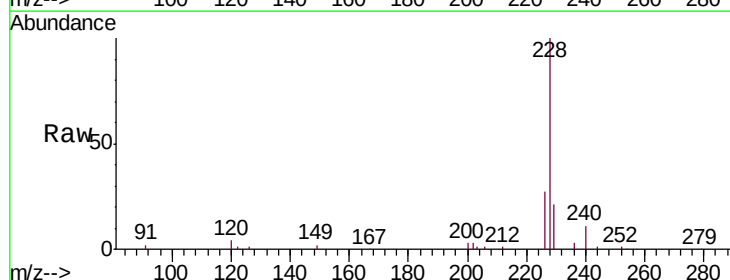
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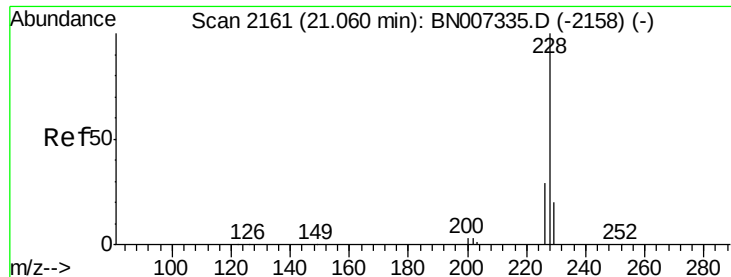
mohammad
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#30
 Benzo(a)anthracene
 Concen: 0.547 ng
 RT: 21.00 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BN007372.D
 Acq: 24 Aug 2019 20:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.3	31.9
229	20.5	16.1	24.1





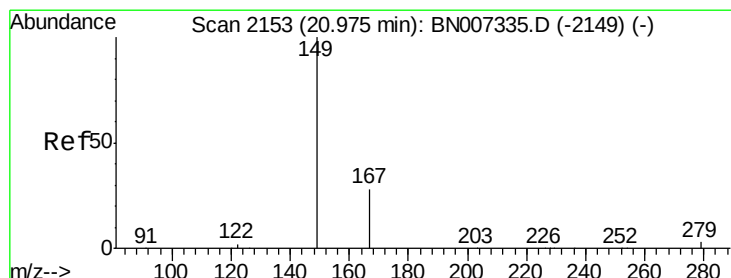
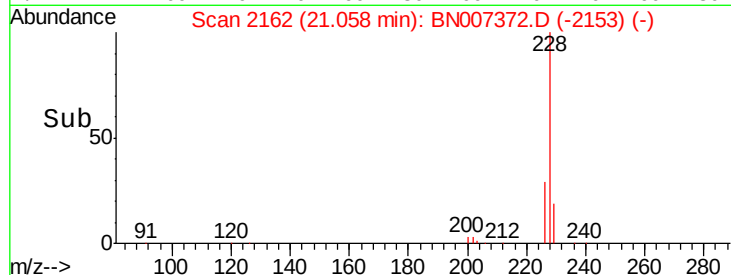
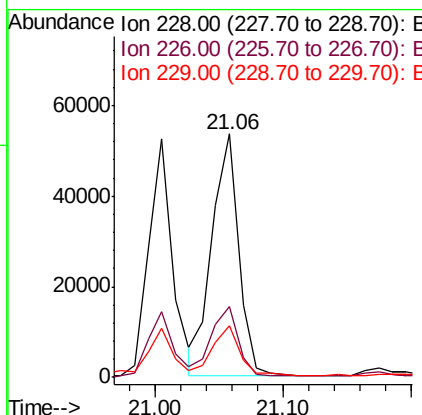
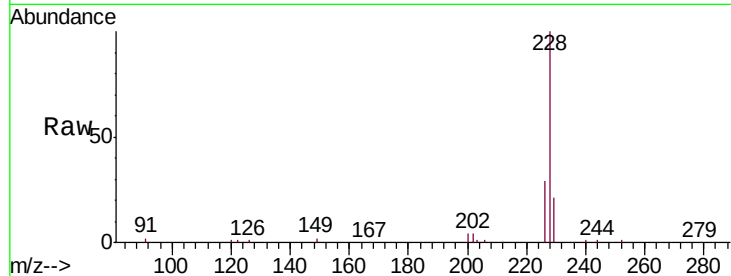
#31
Chrysene
Concen: 0.627 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007372.D
Acq: 24 Aug 2019 20:18

Instrument :
BNA_N
ClientSampleId :
S701-N-1.0-1.5-082019MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.5	35.3
229	21.0	16.6	24.8

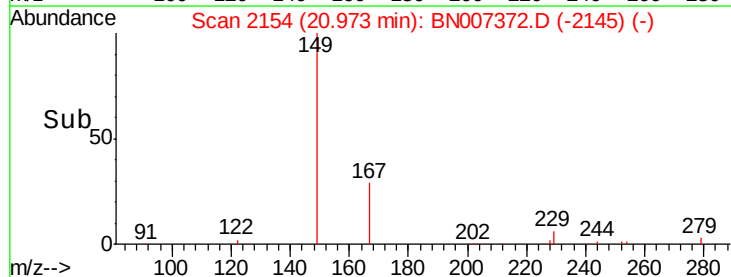
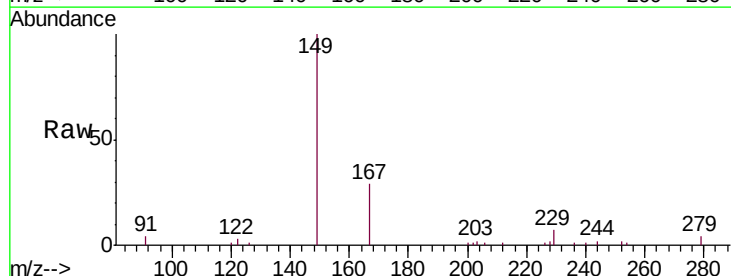
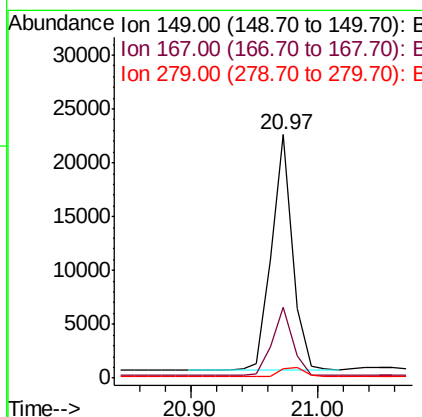
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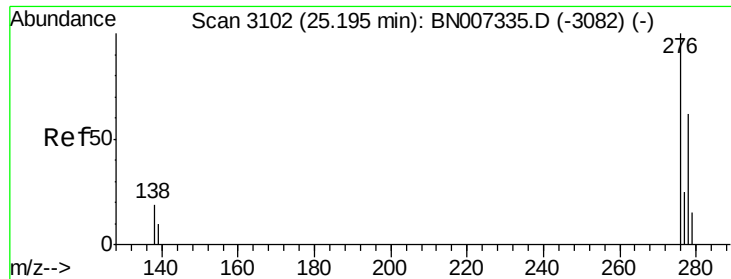
mohammad
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.290 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007372.D
Acq: 24 Aug 2019 20:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.8	34.2
279	4.6	3.5	5.3





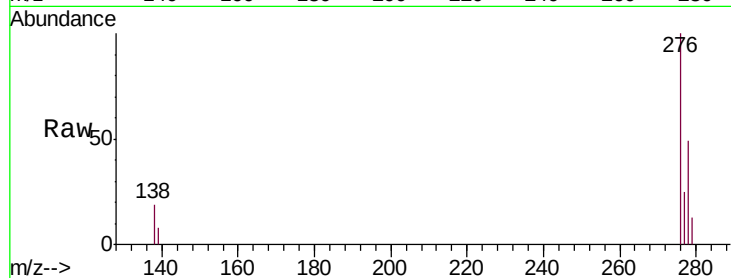
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.500 ng
RT: 25.19 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN007372.D
Acq: 24 Aug 2019 20:18

Instrument :
BNA_N
ClientSampleId :
S701-N-1.0-1.5-082019MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	15.1	22.7
277	24.9	19.7	29.5

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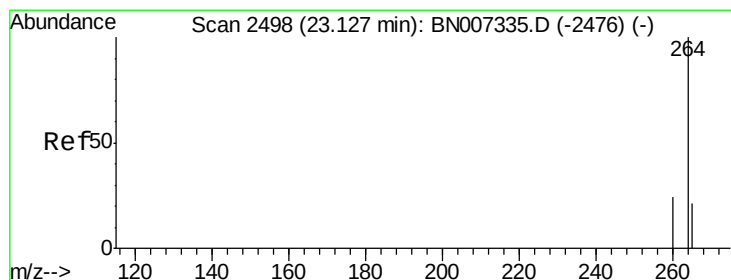
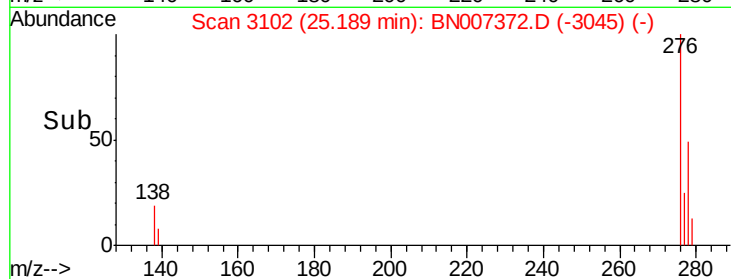
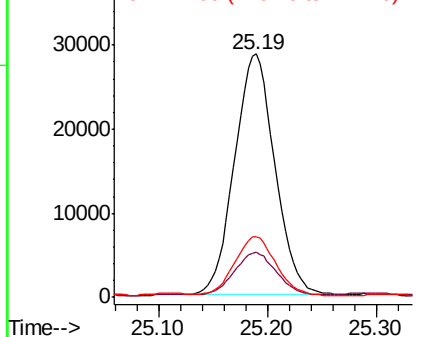


Abundance

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: 23.13 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BN007372.D
Acq: 24 Aug 2019 20:18

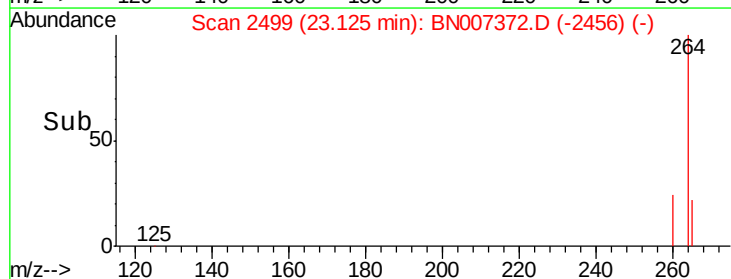
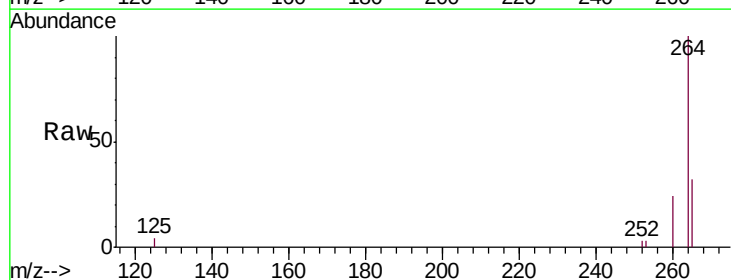
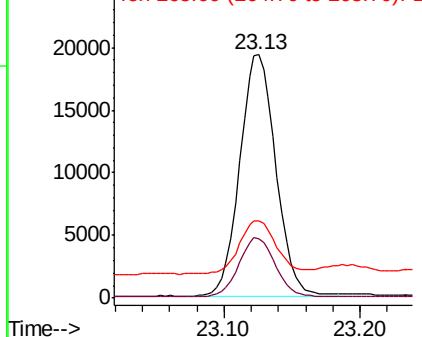
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	31.9	29.9	44.9

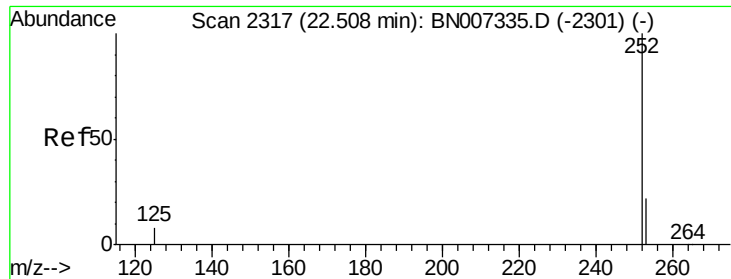
Abundance

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: 0.814 ng m

RT: 22.51 min Scan# 2319

Delta R.T. 0.00 min

Lab File: BN007372.D

Acq: 24 Aug 2019 20:18

Instrument :

BNA_N

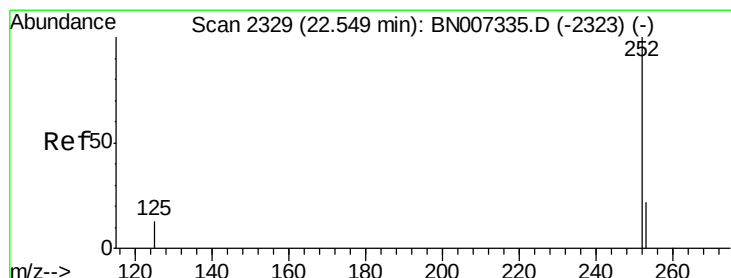
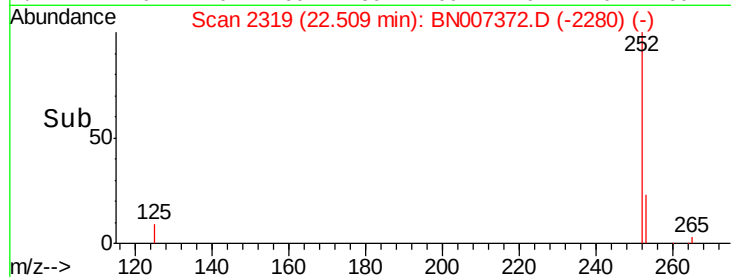
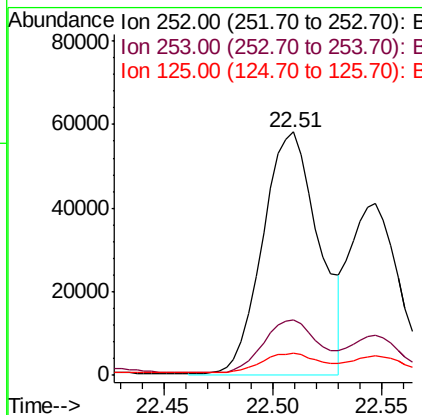
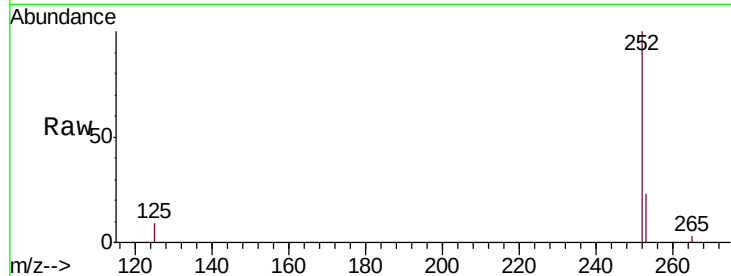
ClientSampleId :

S701-N-1.0-1.5-082019MSD

Tot Ion:	252	Resp:	104580
Ion Ratio	Lower	Upper	
252	100		
253	22.9	19.2	28.8
125	9.0	10.6	16.0#

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#36

Benzo(k)fluoranthene

Concen: 0.494 ng

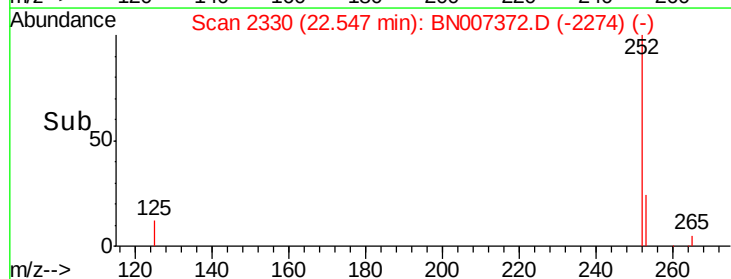
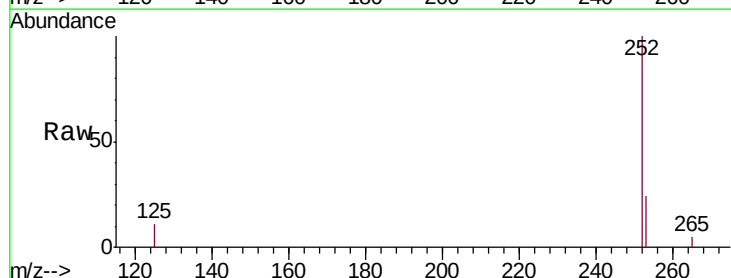
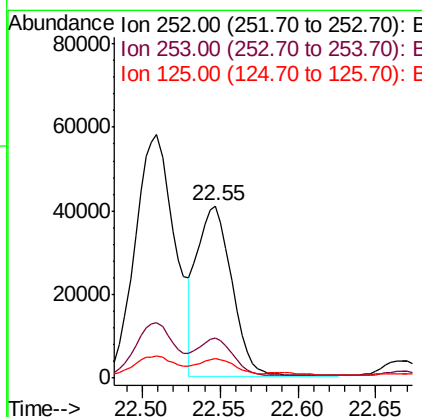
RT: 22.55 min Scan# 2330

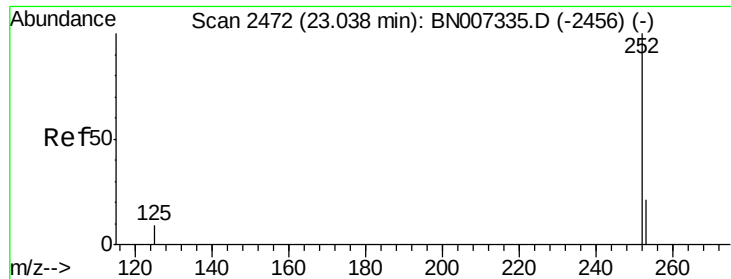
Delta R.T. -0.00 min

Lab File: BN007372.D

Acq: 24 Aug 2019 20:18

Tgt Ion:	252	Resp:	62729
Ion Ratio	Lower	Upper	
252	100		
253	23.6	19.4	29.2
125	11.4	13.1	19.7#





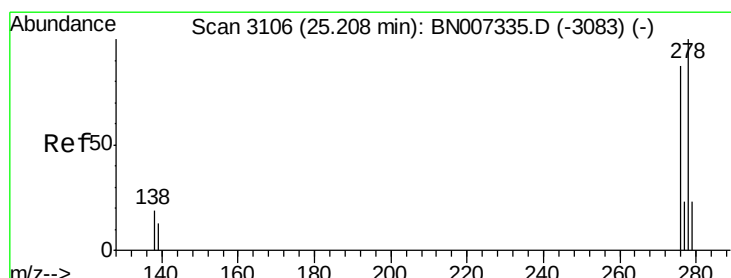
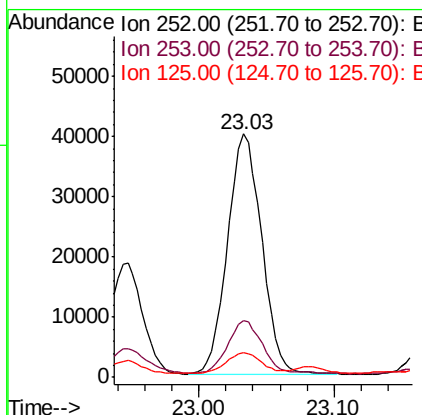
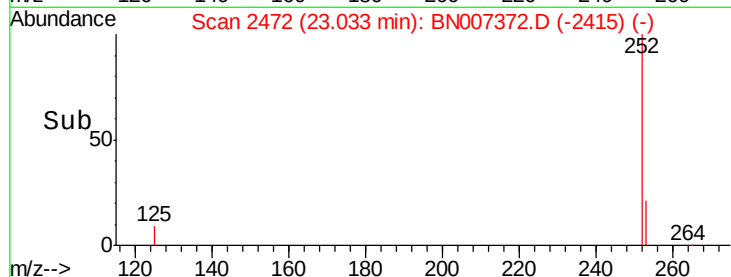
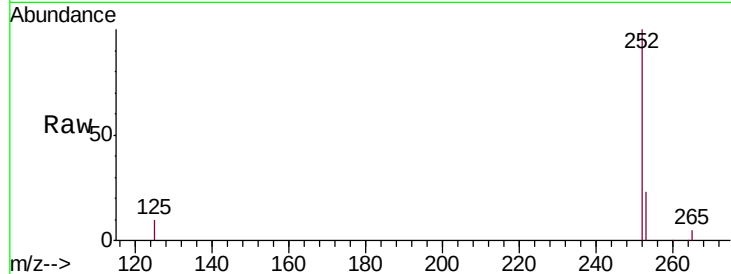
#37
Benzo(a)pyrene
Concen: 0.575 ng m
RT: 23.03 min Scan# 2472
Delta R.T. -0.01 min
Lab File: BN007372.D
Acq: 24 Aug 2019 20:18

Instrument :
BNA_N
ClientSampleId :
S701-N-1.0-1.5-082019MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.5	29.3
125	10.3	12.1	18.1

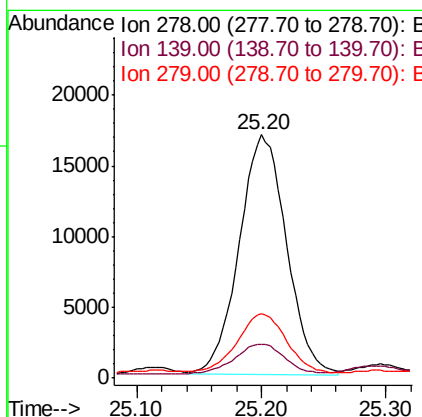
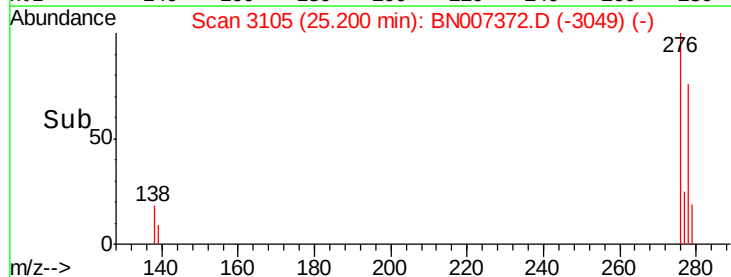
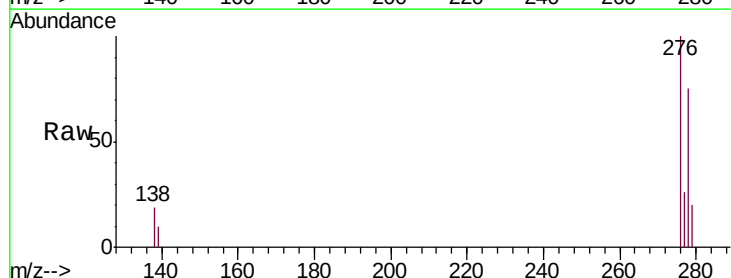
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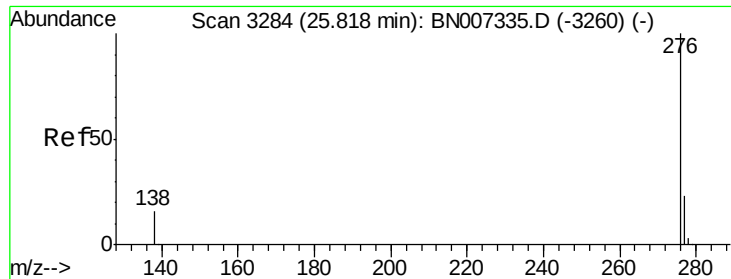
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#38
Dibenzo(a,h)anthracene
Concen: 0.367 ng
RT: 25.20 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BN007372.D
Acq: 24 Aug 2019 20:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	13.7	20.5
279	26.6	20.2	30.4





#39
 Benzo(a,h,i)perylene
 Concen: 0.552 ng
 RT: 25.81 min Scan# 3284
 Delta R.T. -0.01 min
 Lab File: BN007372.D
 Acq: 24 Aug 2019 20:18

Instrument :
 BNA_N
 ClientSampleId :
 S701-N-1.0-1.5-082019MSD

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.2	19.6	29.4	
138	17.5	16.3	24.5	

Manual Integrations
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