

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091219\
 Data File : BN007613.D
 Acq On : 12 Sep 2019 18:31
 Operator : HP/JU
 Sample : PB122692BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122692BSD

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:00:27 AM

Quant Time: Sep 13 02:22:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	9492	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	36715	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	20679	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	42525	0.40	ng	0.00
27) Chrysene-d12	21.27	240	42817	0.40	ng	-0.01
34) Perylene-d12	23.50	264	43390	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	10624	0.35	ng	0.00
5) Phenol-d6	6.90	99	13534	0.37	ng	0.00
8) Nitrobenzene-d5	8.86	82	11784	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	26074	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2419	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	36055	0.40	ng	0.00
25) Fluoranthene-d10	19.11	212	56394	0.42	ng	0.00
29) Terphenyl-d14	19.72	244	47424	0.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	4308	0.379	ng	98
3) n-Nitrosodimethylamine	3.03	42	2827m	0.548	ng	
6) bis(2-Chloroethyl)ether	7.16	93	10514	0.377	ng	98
9) Naphthalene	10.53	128	44838	0.426	ng	99
10) Hexachlorobutadiene	10.84	225	8969	0.423	ng	# 100
12) 2-Methylnaphthalene	12.15	142	29841	0.422	ng	99
16) Acenaphthylene	14.06	152	40470	0.376	ng	100
17) Acenaphthene	14.40	154	27525	0.392	ng	100
18) Fluorene	15.39	166	34927	0.395	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	11197	0.426	ng	94
21) Hexachlorobenzene	16.40	284	12066	0.429	ng	99
22) Pentachlorophenol	16.74	266	2463	0.337	ng	99
23) Phenanthrene	17.12	178	57297	0.427	ng	100
24) Anthracene	17.21	178	49066	0.413	ng	100
26) Fluoranthene	19.14	202	66598	0.425	ng	100
28) Pyrene	19.51	202	65340	0.420	ng	100
30) Benzo(a)anthracene	21.26	228	59496	0.392	ng	99
31) Chrysene	21.31	228	68152	0.431	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	17572	0.341	ng	100
33) Indeno(1,2,3-cd)pyrene	25.72	276	72566	0.430	ng	100
35) Benzo(b)fluoranthene	22.83	252	62155	0.394	ng	99
36) Benzo(k)fluoranthene	22.88	252	66412	0.412	ng	99
37) Benzo(a)pyrene	23.40	252	53905	0.385	ng	99
38) Dibenzo(a,h)anthracene	25.73	278	59976	0.410	ng	99
39) Benzo(g,h,i)perylene	26.39	276	58394	0.403	ng	99

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

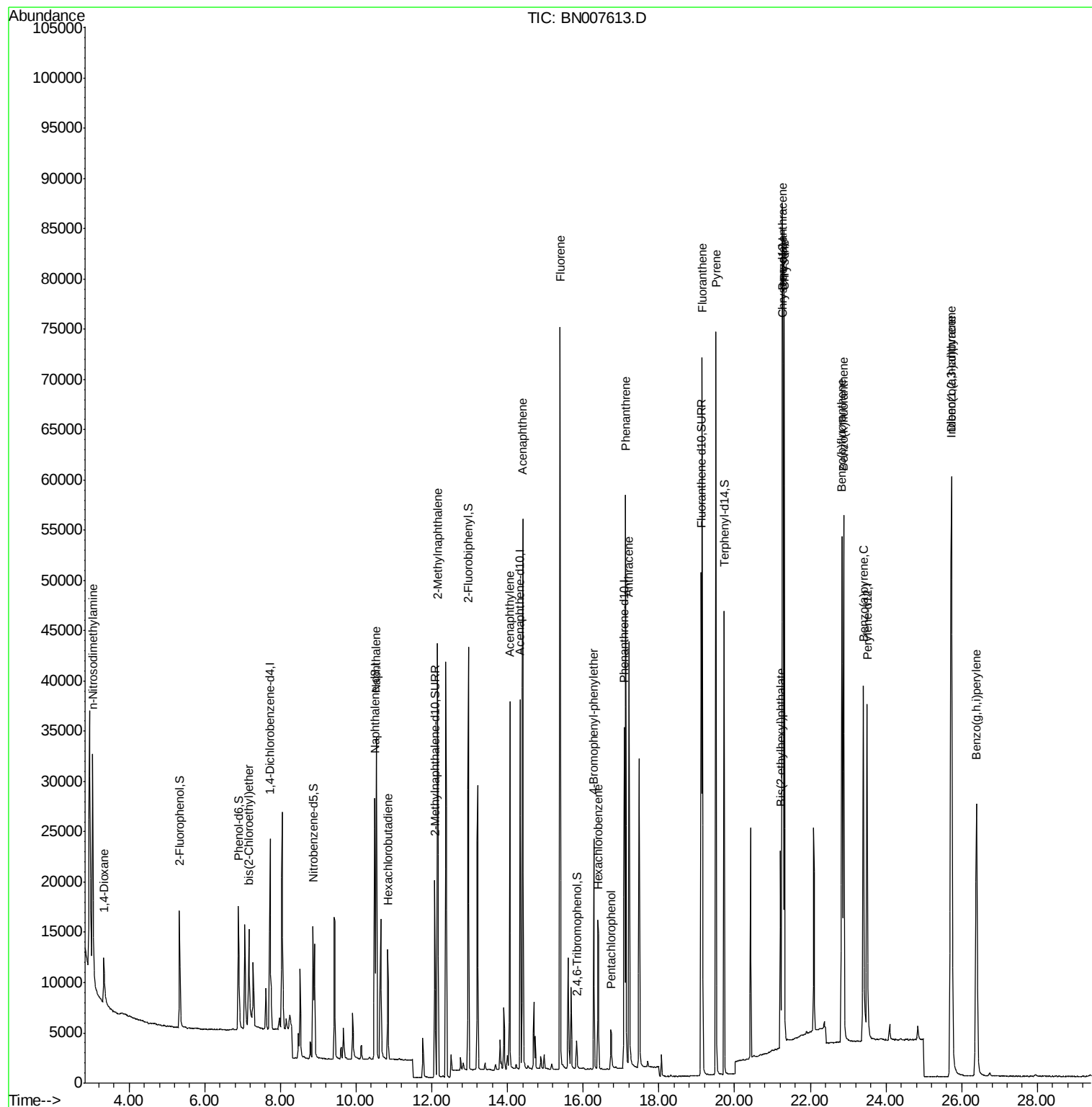
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091219\
Data File : BN007613.D
Acq On : 12 Sep 2019 18:31
Operator : HP/JU
Sample : PB122692BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

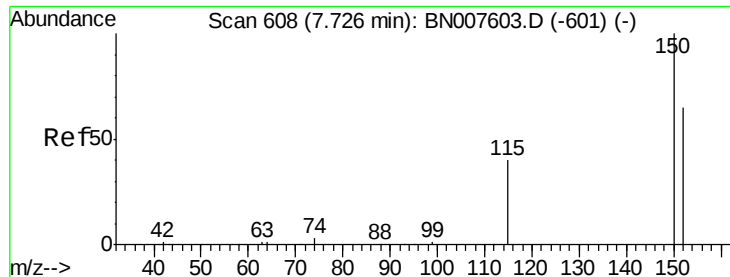
Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Manual Integrations
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mohammad
9/16/2019 9:00:27 AM

Quant Time: Sep 13 02:22:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.73 min Scan# 608

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

Tot Ion:152 Resp: 9492

Ion Ratio Lower Upper

152 100

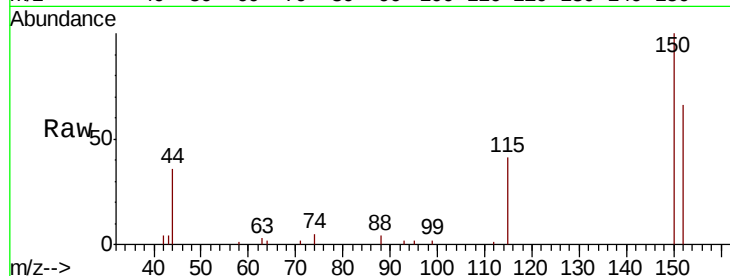
150 152.7 122.4 183.6

115 62.6 50.4 75.6

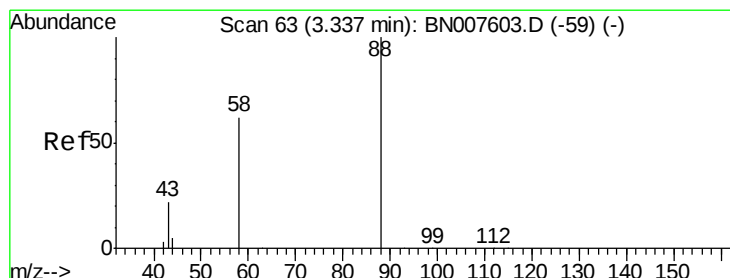
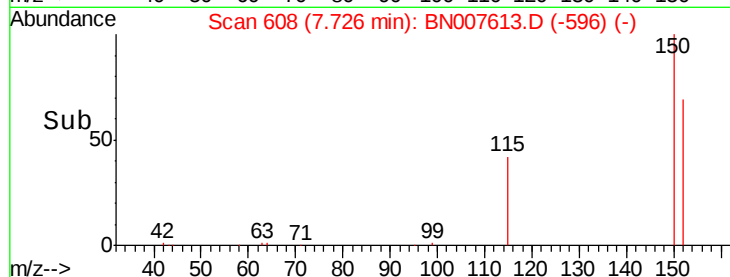
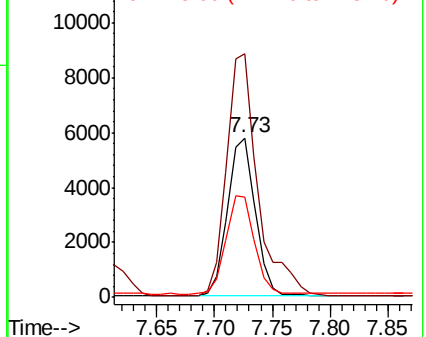
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.379 ng

RT: 3.34 min Scan# 63

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

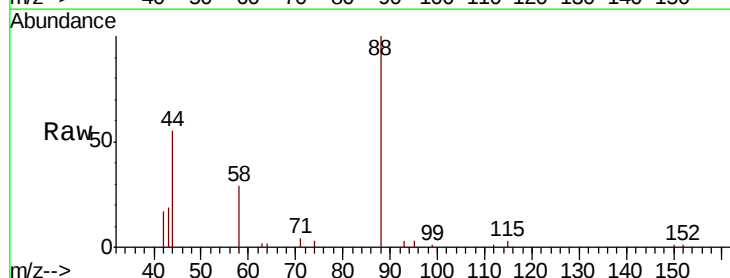
Tgt Ion: 88 Resp: 4308

Ion Ratio Lower Upper

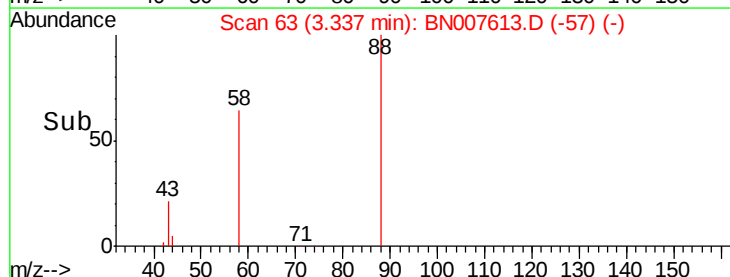
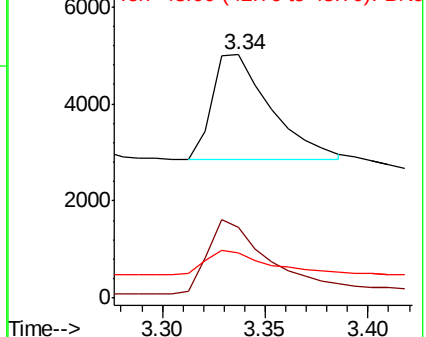
88 100

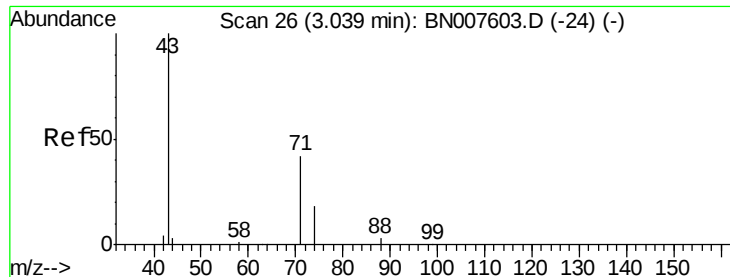
58 73.7 57.0 85.4

43 25.2 20.0 30.0



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

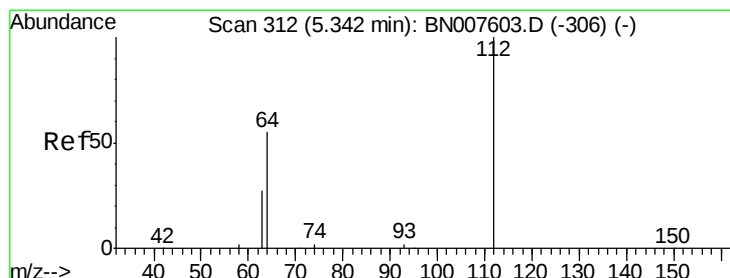
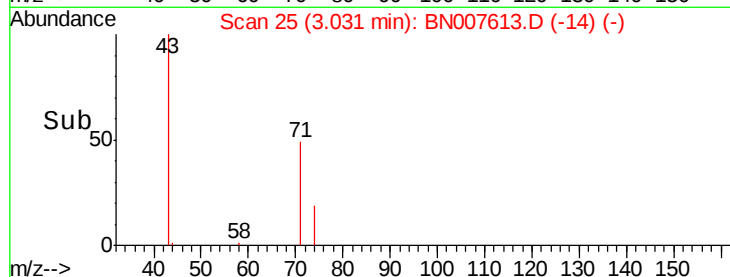
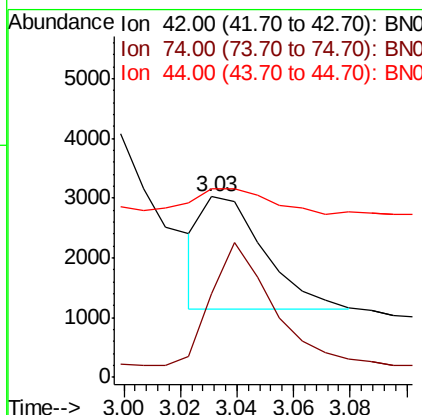
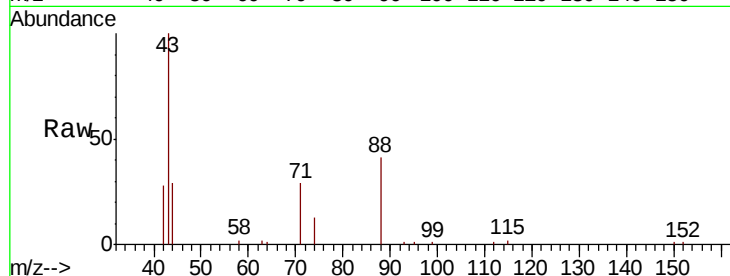
n-Nitrosodimethylamine
 Concen: 0.548 ng/ml
 RT: 3.03 min Scan# 25
 Delta R.T. -0.01 min
 Lab File: BN007613.D
 Acq: 12 Sep 2019 18:31

Instrument :
 BNA_N
 ClientSampleID :
 PB122692BSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	9.8	14.8#
44	0.0	0.0	0.0

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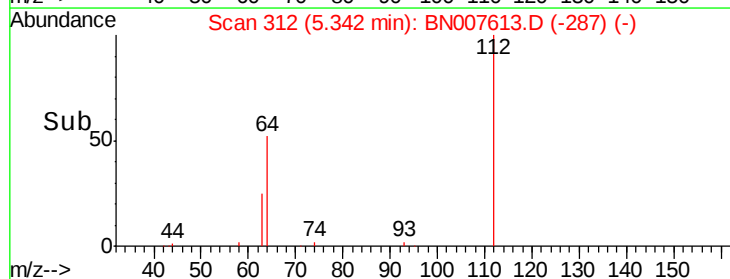
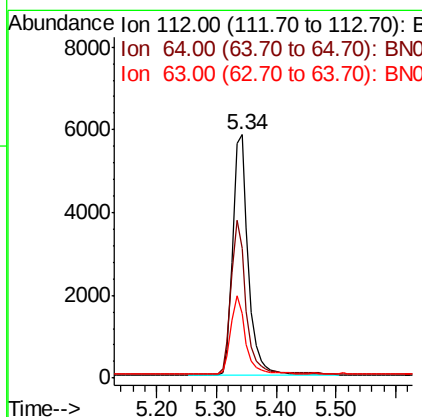
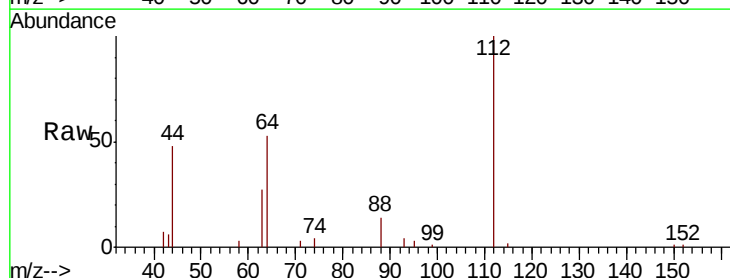
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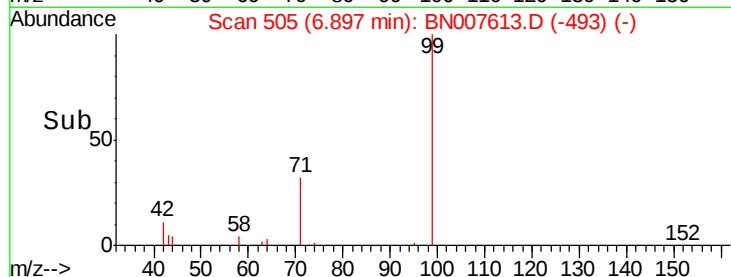
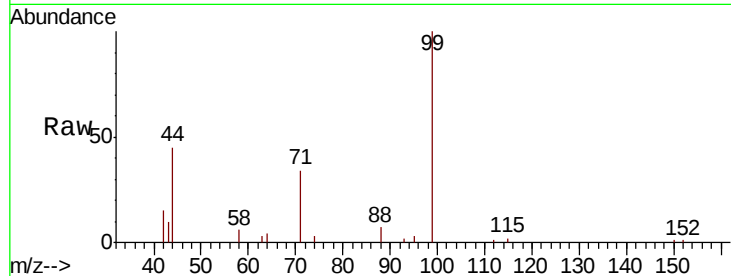
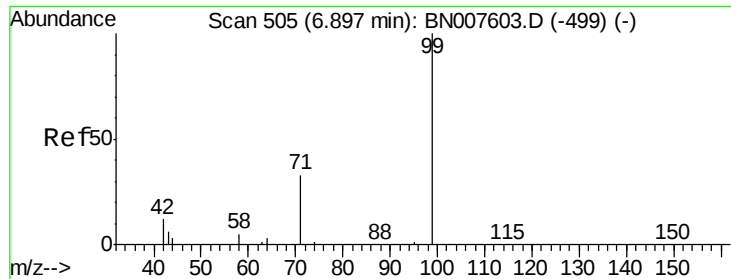


#4

2-Fluorophenol
 Concen: 0.349 ng/ml
 RT: 5.34 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: BN007613.D
 Acq: 12 Sep 2019 18:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	48.5	72.7
63	30.4	24.4	36.6





#5

Phenol-d6

Concen: 0.366 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Tot Ion:	99	Resp:	13534
Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.8	17.6
71	34.8	28.0	42.0

Instrument :

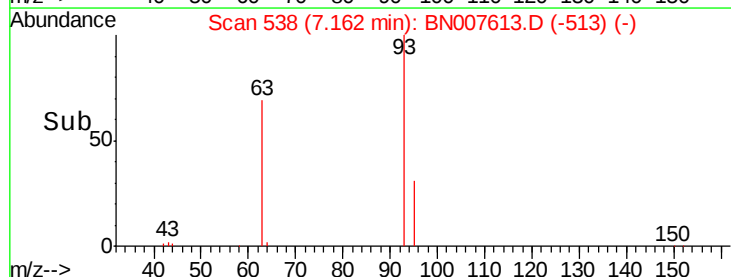
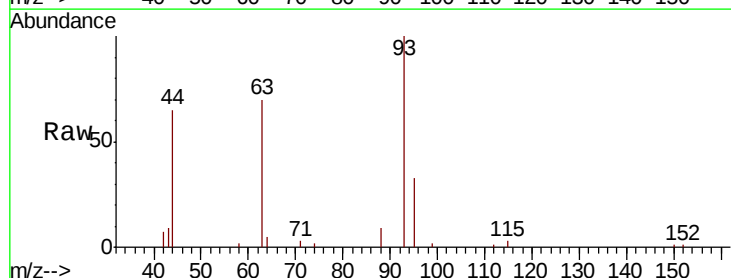
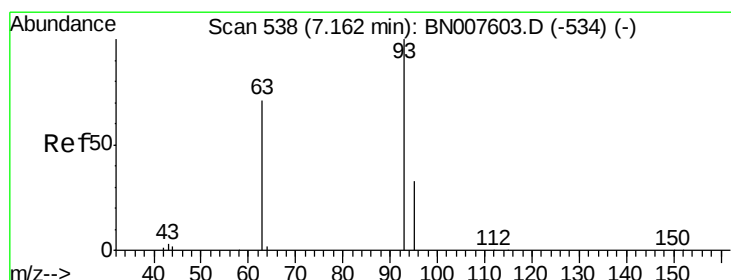
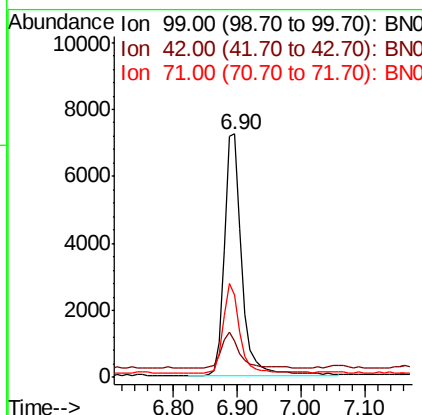
BNA_N

ClientSampleId :

PB122692BSD

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.377 ng

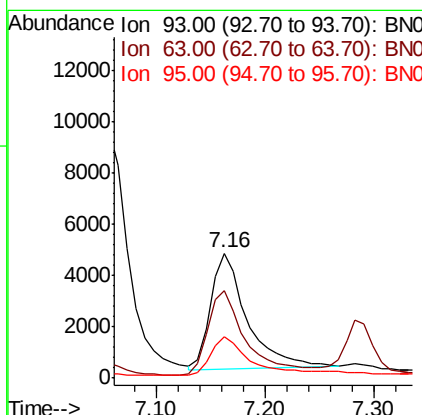
RT: 7.16 min Scan# 538

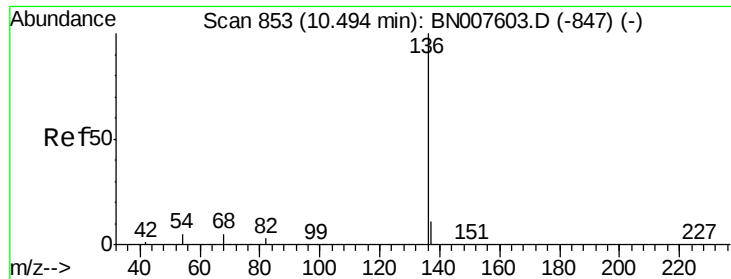
Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Tgt Ion:	93	Resp:	10514
Ion	Ratio	Lower	Upper
93	100		
63	76.6	61.2	91.8
95	38.5	27.2	40.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

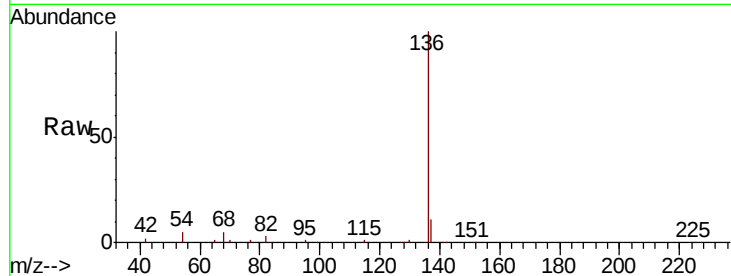
ClientSampleId :

PB122692BSD

Tot Ion	136	Resp	36715
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.8	13.2
54	4.7	4.2	6.4
68	5.4	4.6	7.0

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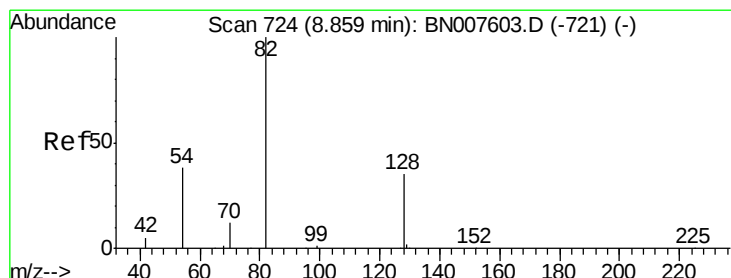
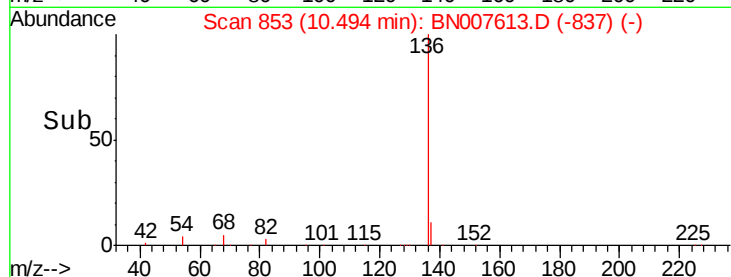
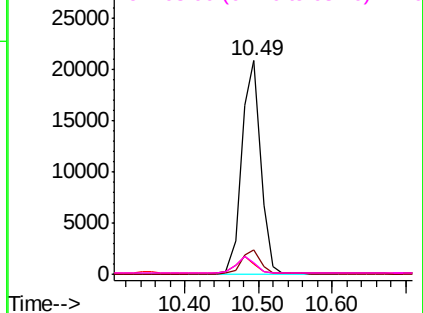
Abundance

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: 0.402 ng

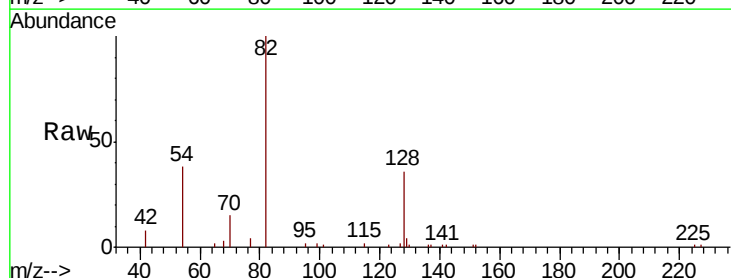
RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Tgt Ion	82	Resp	11784
Ion Ratio	Lower	Upper	
82	100		
128	36.4	27.9	41.9
54	38.2	30.9	46.3

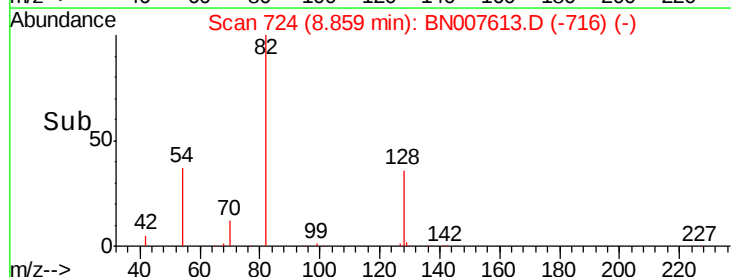
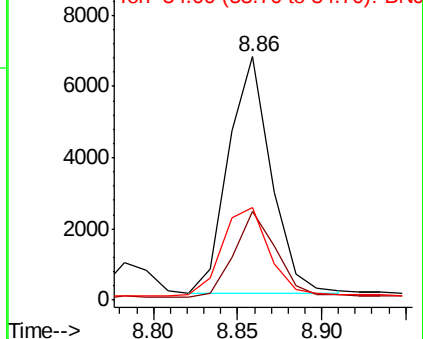


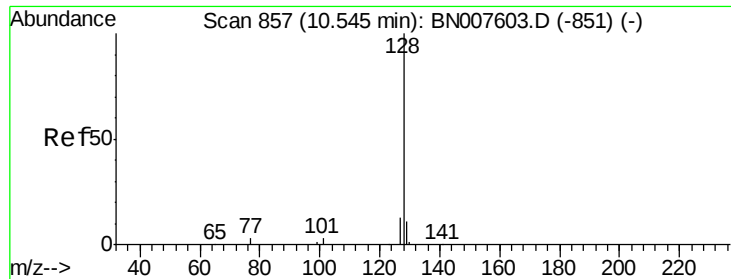
Abundance

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: 0.426 ng

RT: 10.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

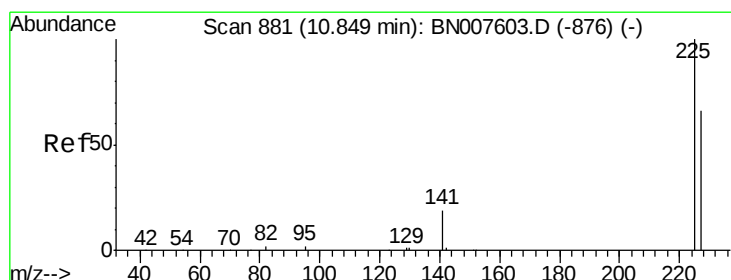
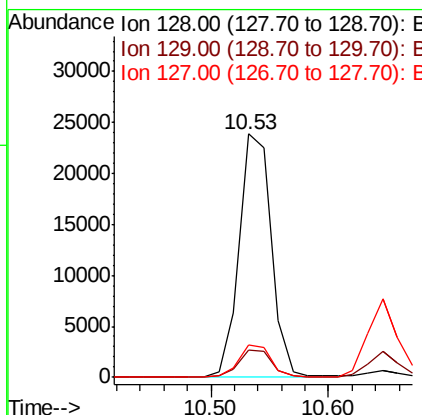
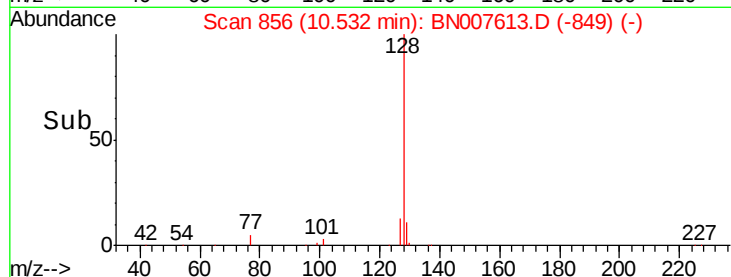
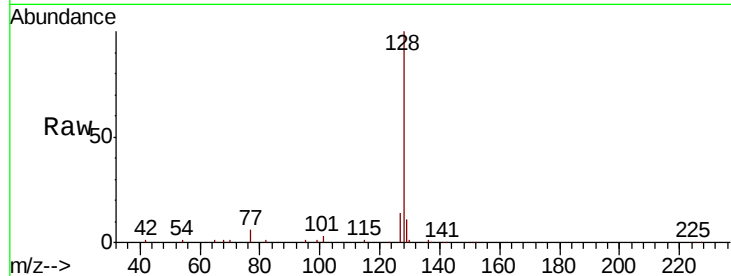
ClientSampleId :

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Tot Ion:128	Resp:	44838
Ion Ratio	Lower	Upper
128	100	
129	11.1	9.0 13.4
127	13.6	10.4 15.6

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#10

Hexachlorobutadiene

Concen: 0.423 ng

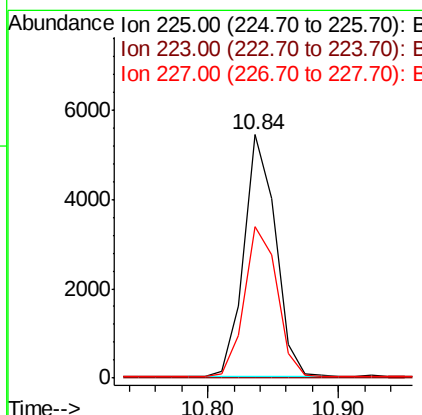
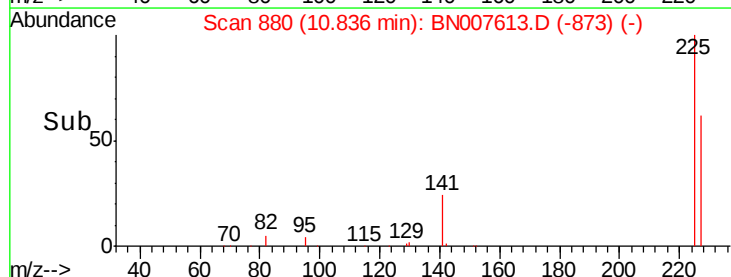
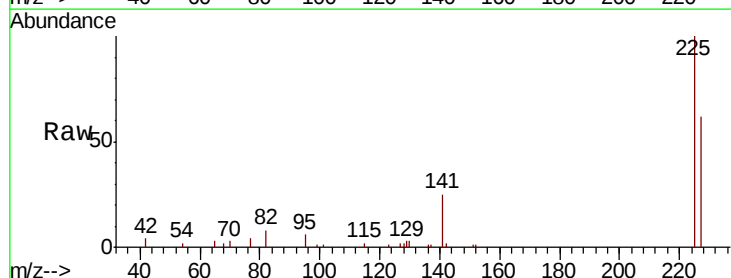
RT: 10.84 min Scan# 880

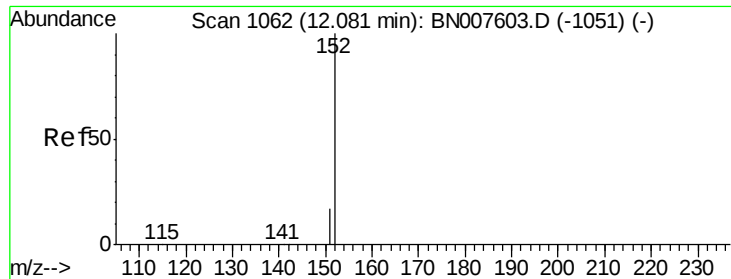
Delta R.T. -0.01 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Tgt Ion:225	Resp:	8969
Ion Ratio	Lower	Upper
225	100	
223	0.0	0.0 0.0
227	64.2	51.3 76.9





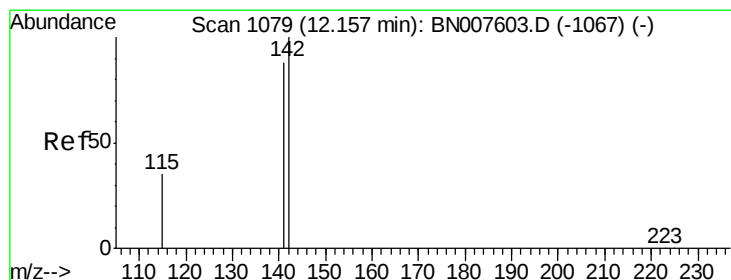
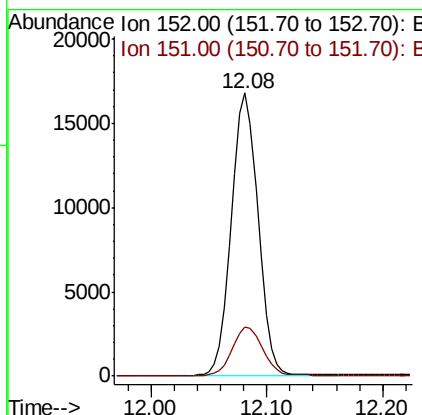
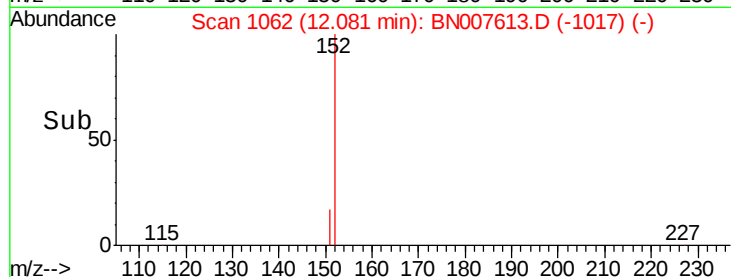
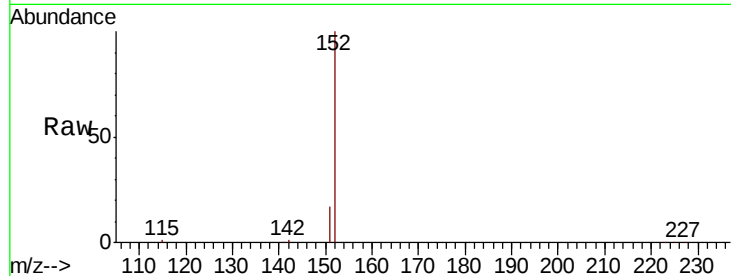
#11
 2-Methylnaphthalene-d10
 Concen: 0.420 ng
 RT: 12.08 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BN007613.D
 Acq: 12 Sep 2019 18:31

Instrument :
 BNA_N
 ClientSampleId :
 PB122692BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9

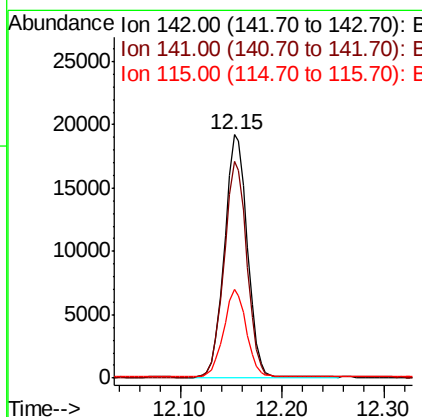
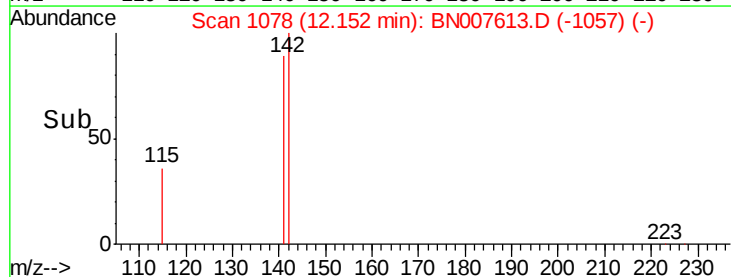
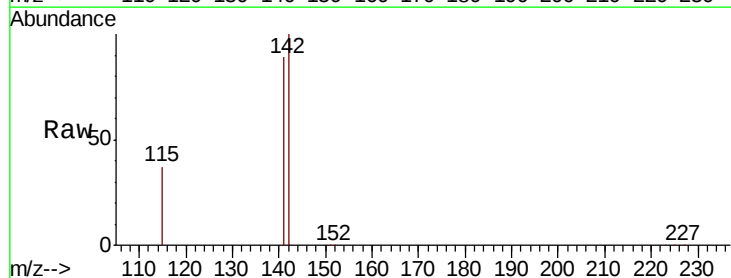
Manual Integrations
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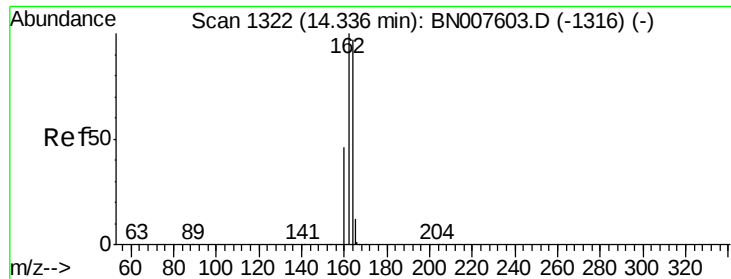
mohammad
 9/16/2019 9:00:27 AM



#12
 2-Methylnaphthalene
 Concen: 0.422 ng
 RT: 12.15 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BN007613.D
 Acq: 12 Sep 2019 18:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.5	105.7
115	36.6	28.4	42.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

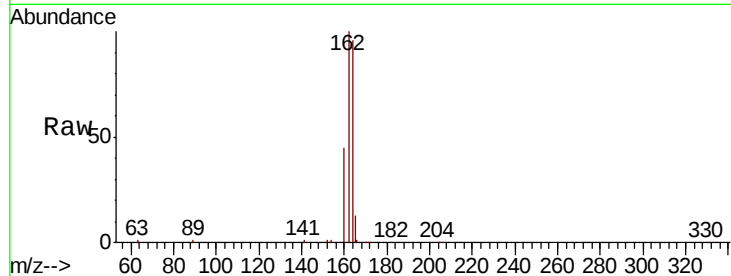
ClientSampleId :

PB122692BSD

Tot Ion:	164	Resp:	20679
Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.8	124.2
160	47.0	38.0	57.0

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9/16/2019 9:00:27 AM

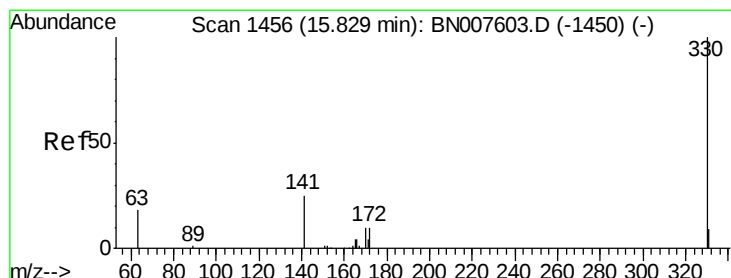
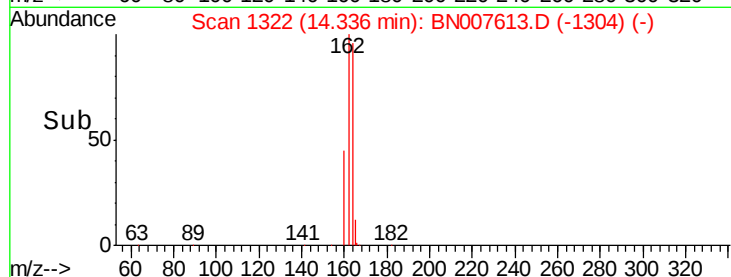
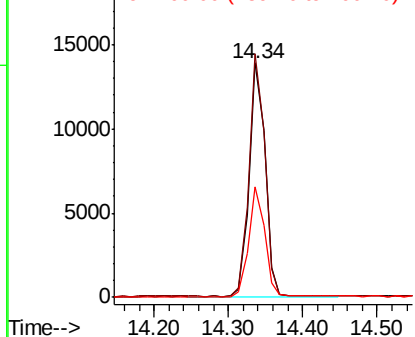


Abundance

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: 0.309 ng

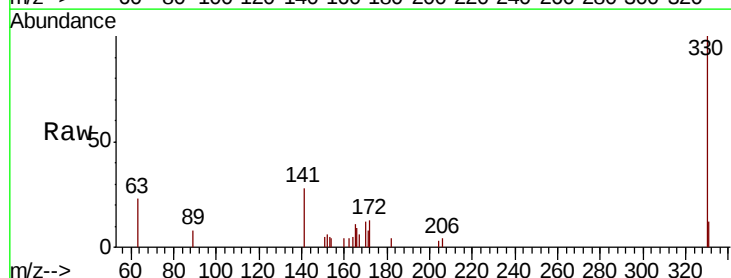
RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Tgt Ion:	330	Resp:	2419
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.7	30.1	45.1

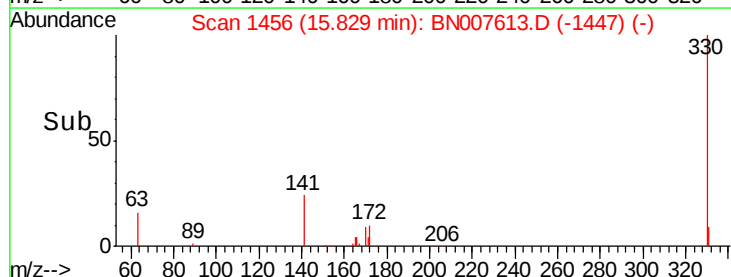
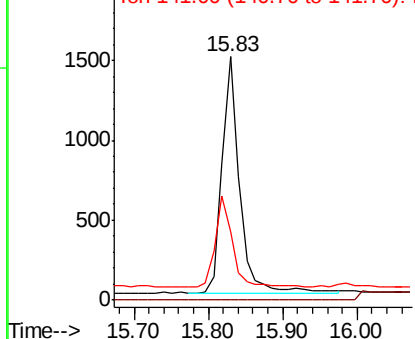


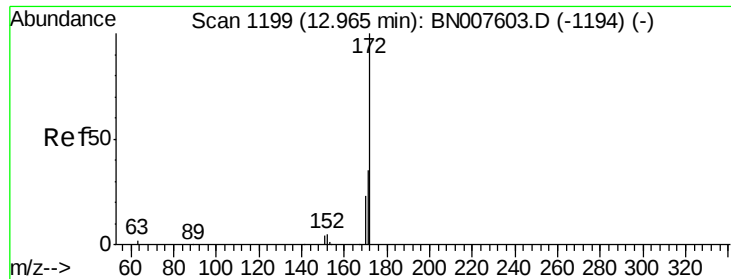
Abundance

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





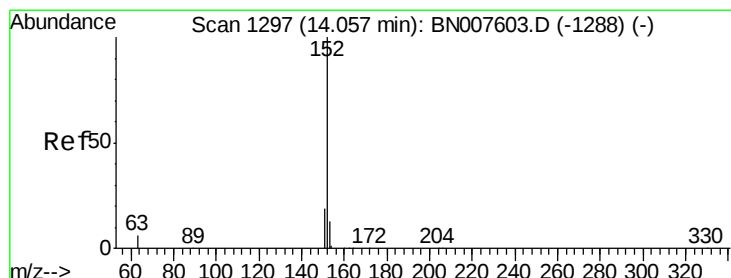
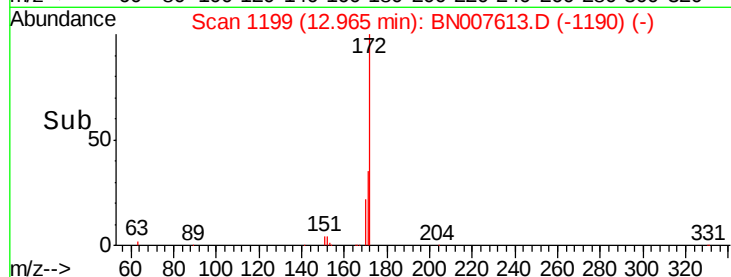
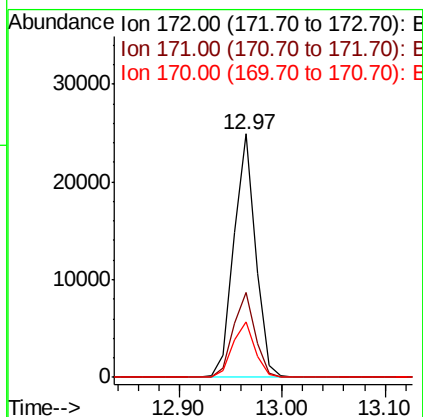
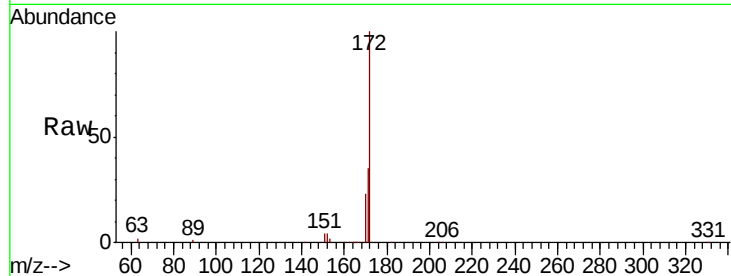
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	22.6	18.5	27.7

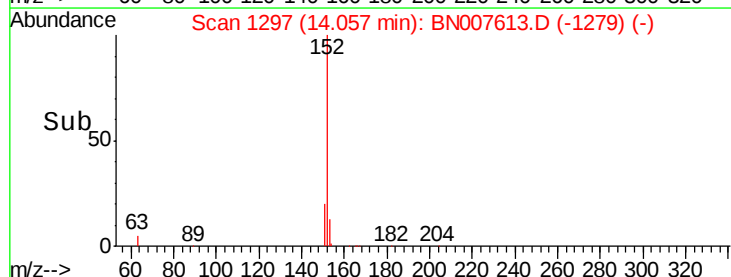
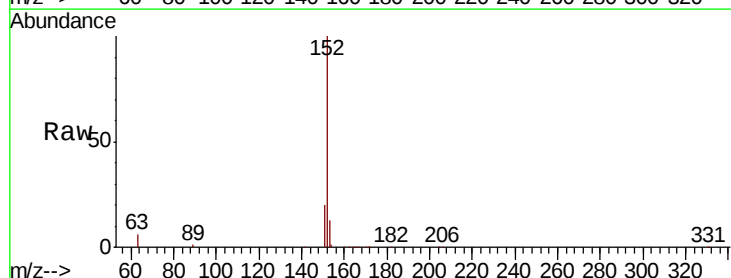
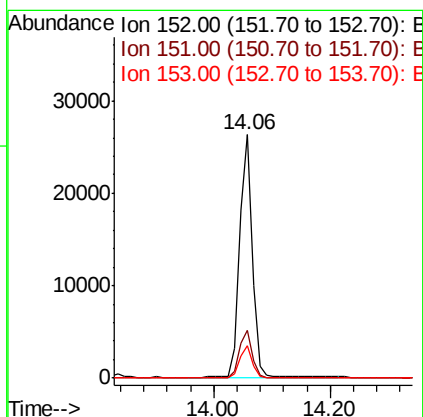
Manual Integrations
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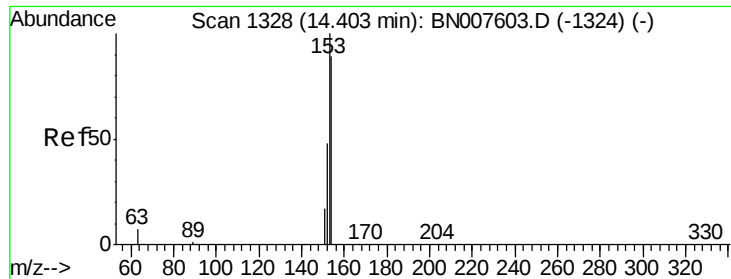
mohammad
9/16/2019 9:00:27 AM



#16
Acenaphthylene
Concen: 0.376 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.4	15.6





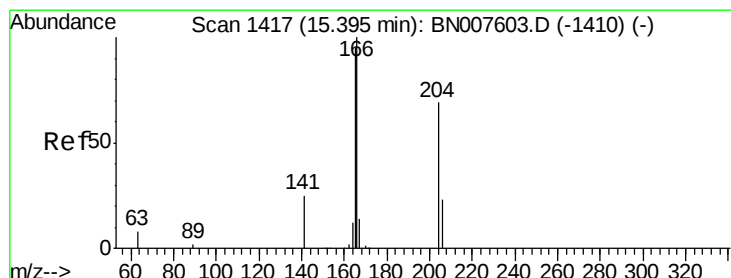
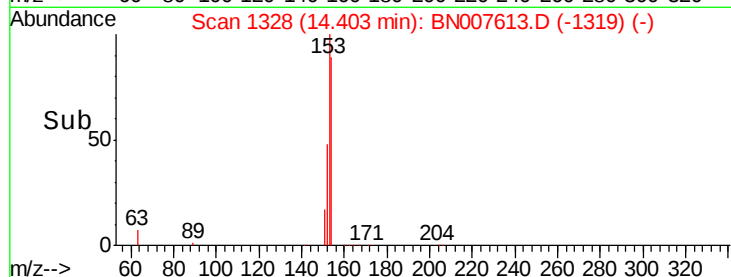
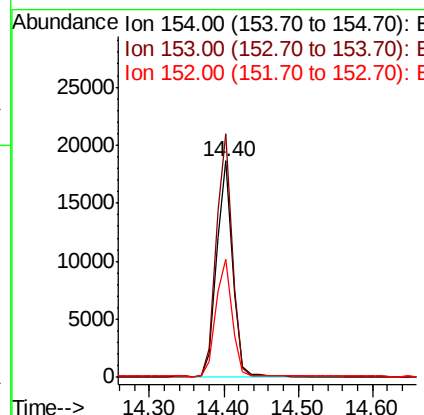
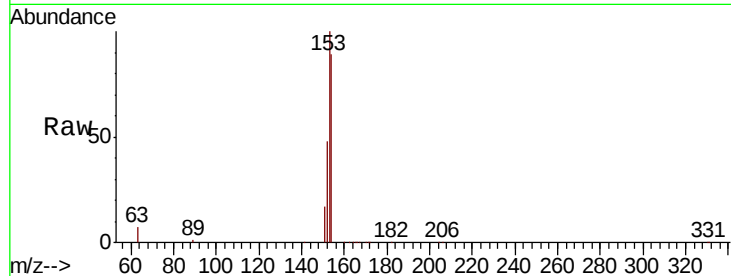
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.40 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.8	134.8
152	55.5	43.8	65.8

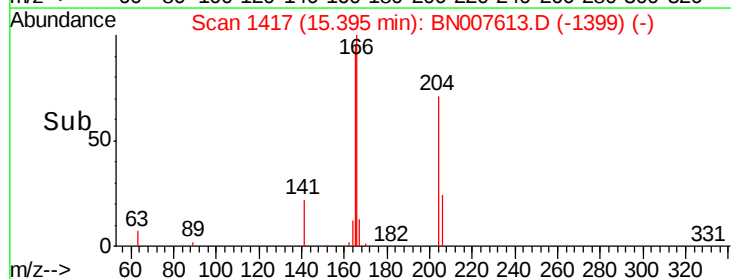
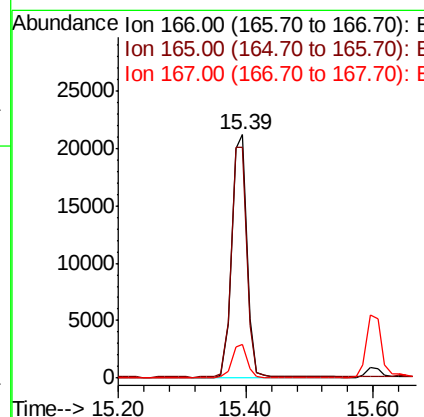
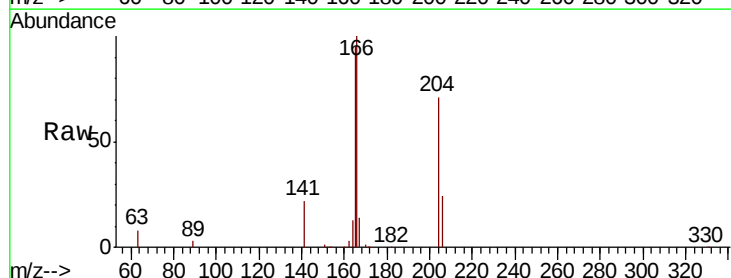
Manual Integrations
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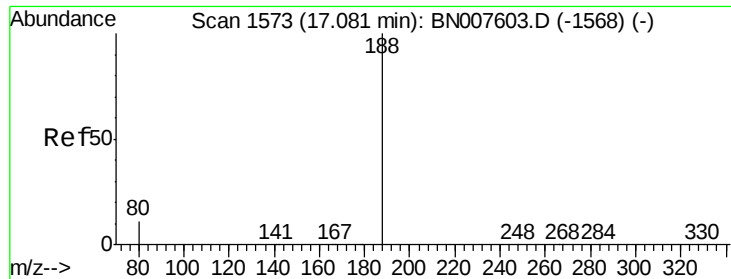
mohammad
9/16/2019 9:00:27 AM



#18
Fluorene
Concen: 0.395 ng
RT: 15.39 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.6
167	13.6	10.8	16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.08 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

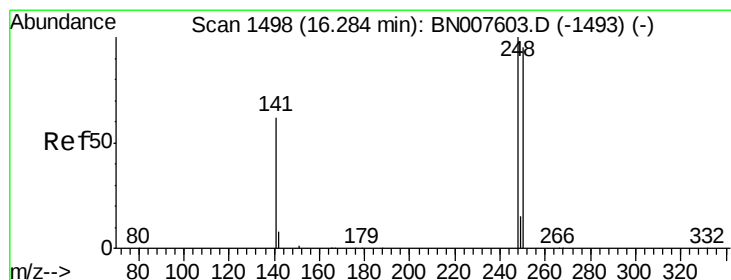
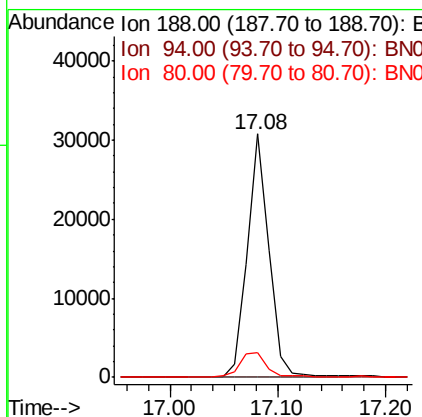
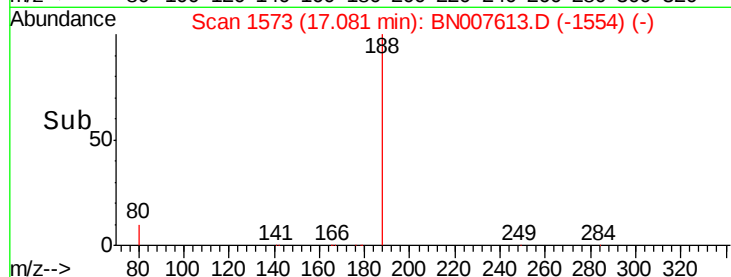
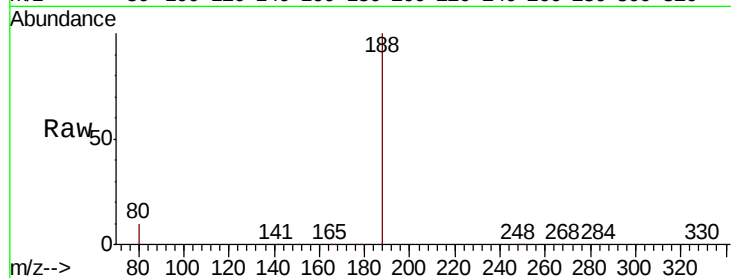
ClientSampleId :

PB122692BSD

Tot Ion:	188	Resp:	42525
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.2	8.8	13.2

Manual Integrations
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#20

4-Bromophenyl-phenylether

Concen: 0.426 ng

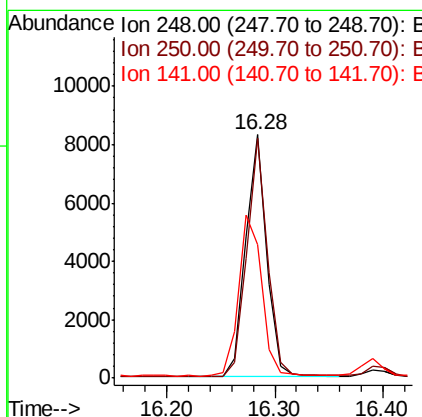
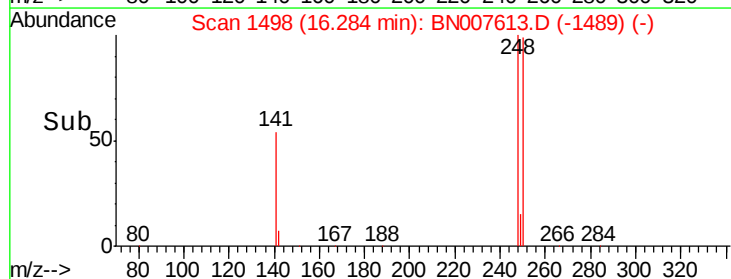
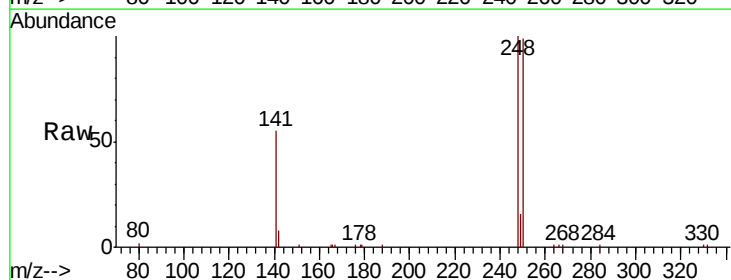
RT: 16.28 min Scan# 1498

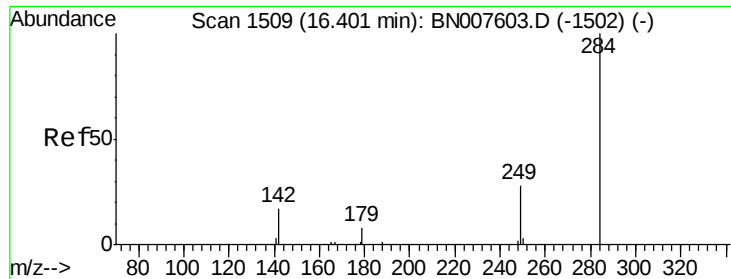
Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Tgt Ion:	248	Resp:	11197
Ion Ratio	Lower	Upper	
248	100		
250	98.6	76.3	114.5
141	54.8	49.7	74.5





#21

Hexachlorobenzene

Concen: 0.429 ng

RT: 16.40 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

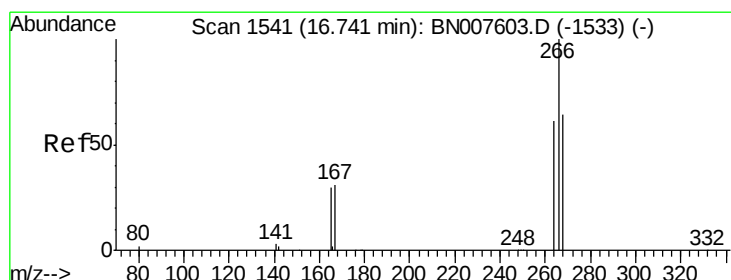
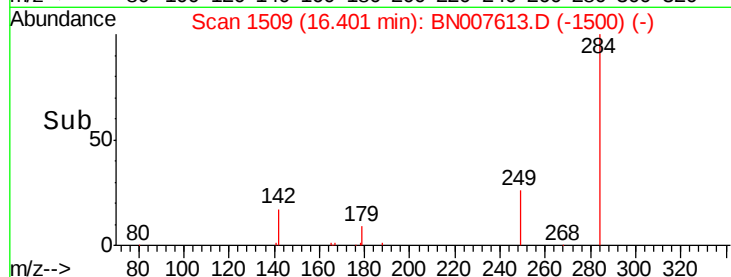
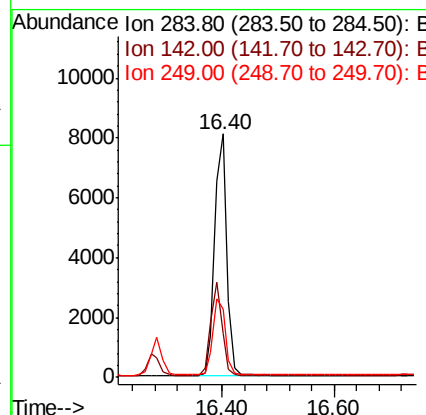
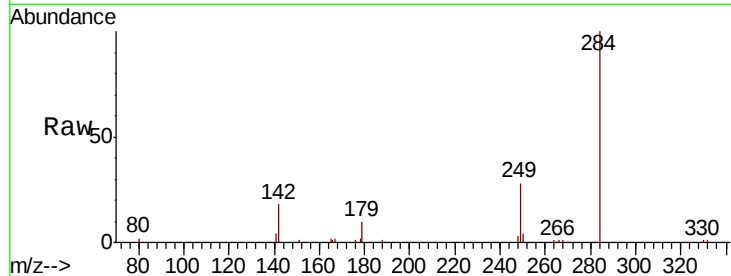
ClientSampled :

PB122692BSD

Tot Ion:	284	Resp:	12066
Ion Ratio	Lower	Upper	
284	100		
142	36.0	27.8	41.6
249	32.2	25.5	38.3

Manual Integrations
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#22

Pentachlorophenol

Concen: 0.337 ng

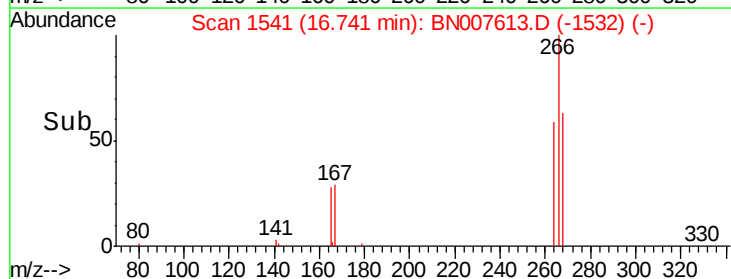
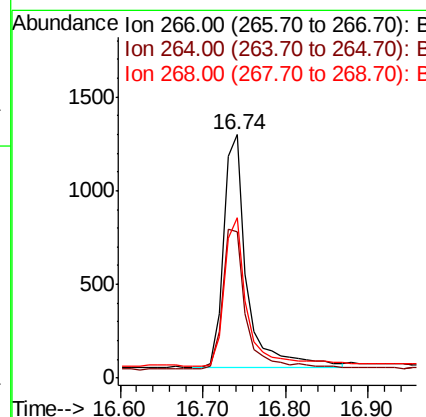
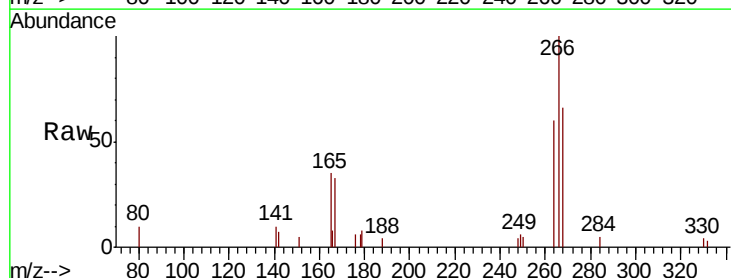
RT: 16.74 min Scan# 1541

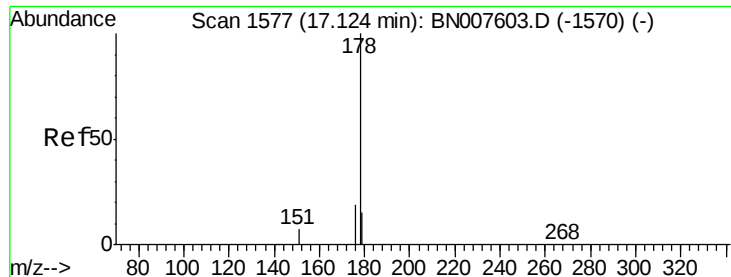
Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Tgt Ion:	266	Resp:	2463
Ion Ratio	Lower	Upper	
266	100		
264	60.2	49.4	74.0
268	66.0	53.0	79.6





#23

Phenanthrene

Concen: 0.427 ng

RT: 17.12 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

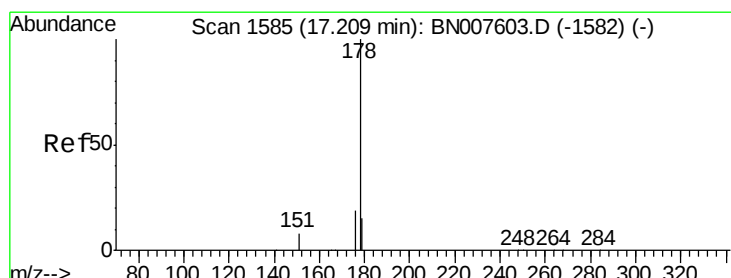
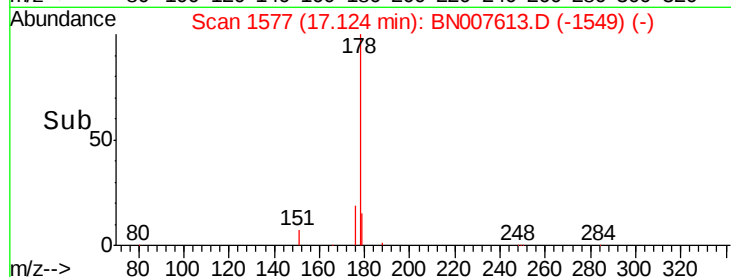
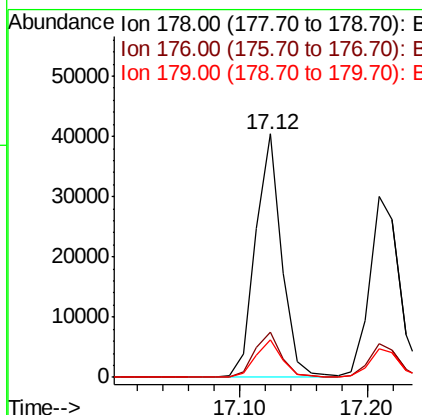
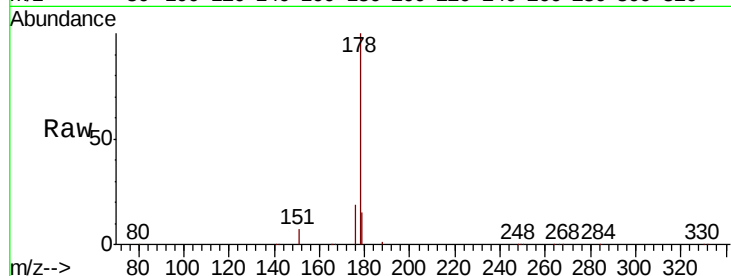
ClientSampleId :

PB122692BSD

Tot Ion:	178	Resp:	57297
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.0	22.6
179	15.4	12.4	18.6

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#24

Anthracene

Concen: 0.413 ng

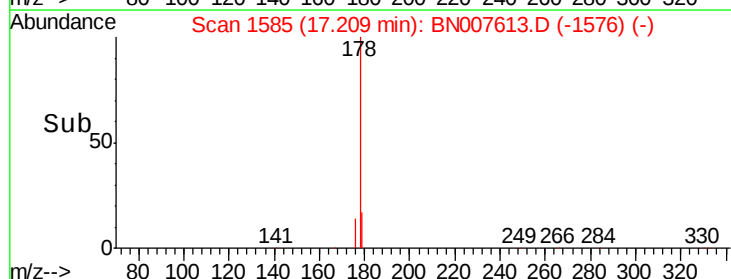
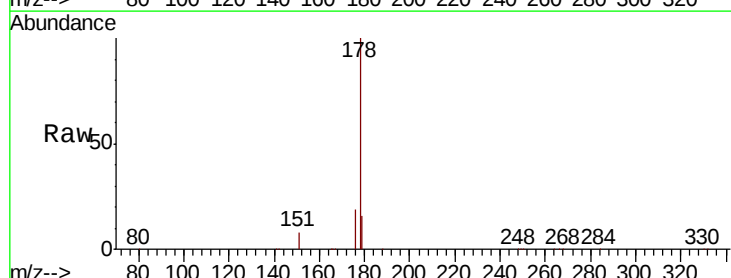
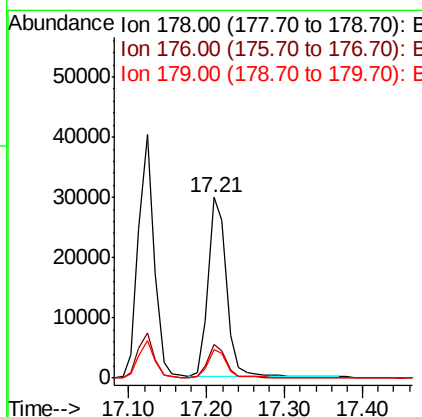
RT: 17.21 min Scan# 1585

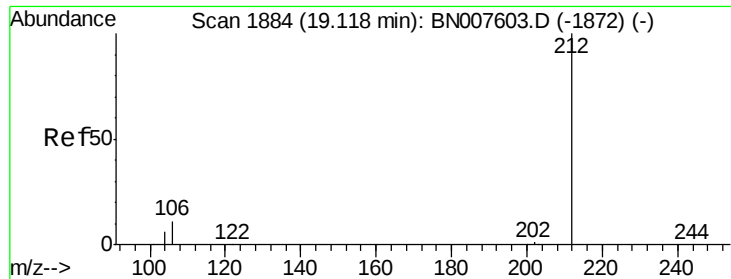
Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Tgt Ion:	178	Resp:	49066
Ion Ratio	Lower	Upper	
178	100		
176	18.1	14.5	21.7
179	15.3	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.420 ng

RT: 19.11 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

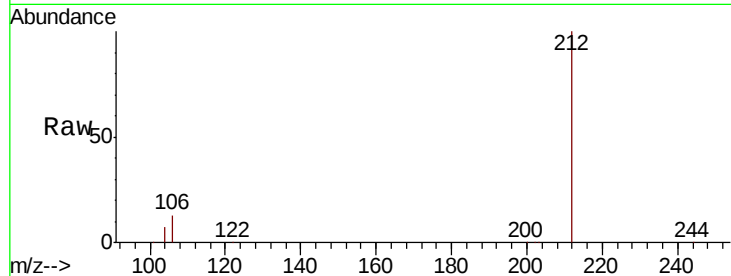
ClientSampleId :

PB122692BSD

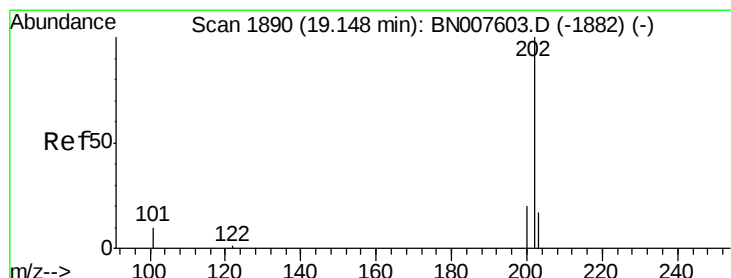
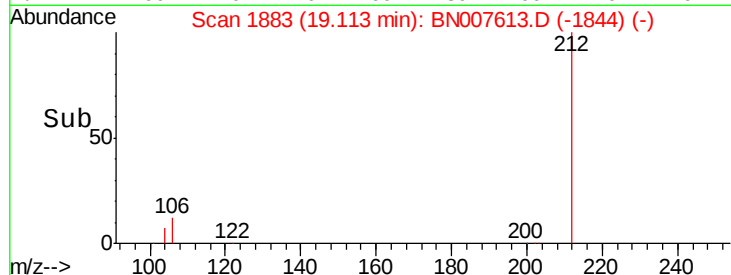
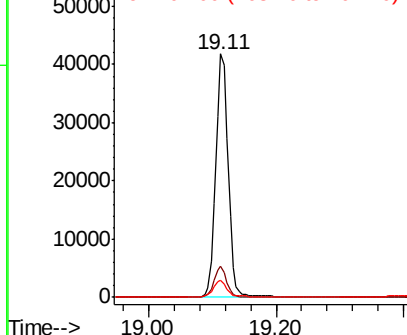
Tot Ion:	212	Resp:	56394
Ion Ratio	Lower	Upper	
212	100		
106	12.0	9.6	14.4
104	6.9	5.4	8.0

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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: 0.425 ng

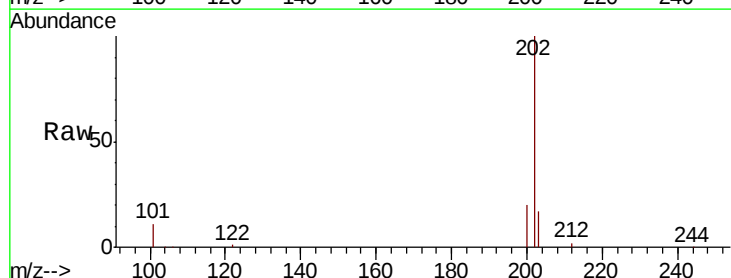
RT: 19.14 min Scan# 1889

Delta R.T. -0.01 min

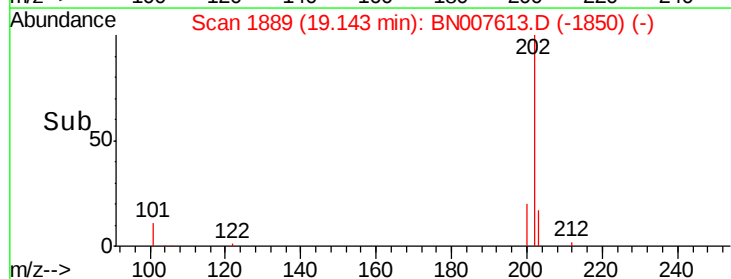
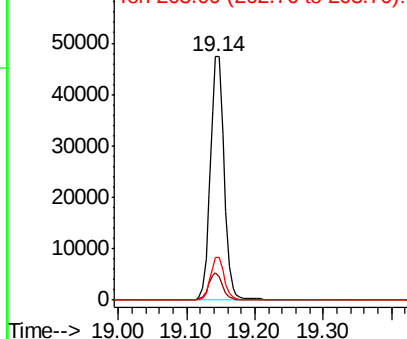
Lab File: BN007613.D

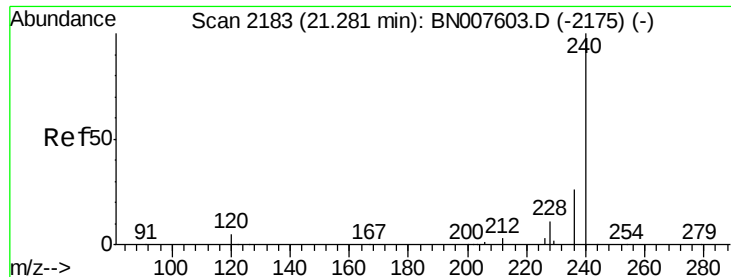
Acq: 12 Sep 2019 18:31

Tgt Ion:	202	Resp:	66598
Ion Ratio	Lower	Upper	
202	100		
101	11.0	8.6	13.0
203	17.2	13.8	20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

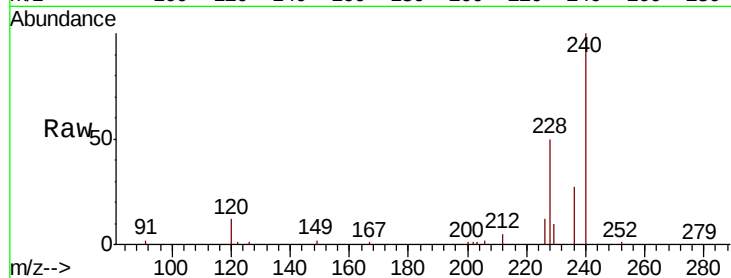
ClientSampleId :

PB122692BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	4.3	6.5#
236	26.9	20.8	31.2

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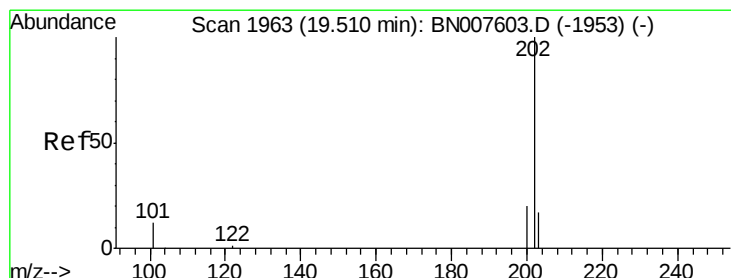
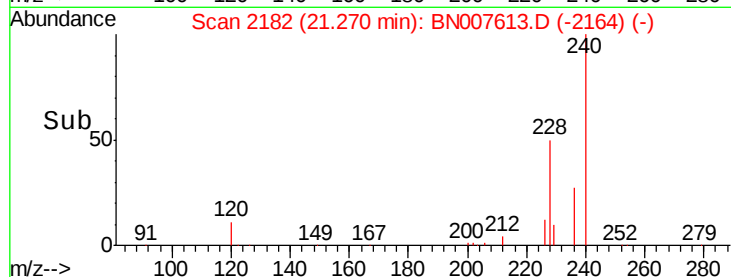
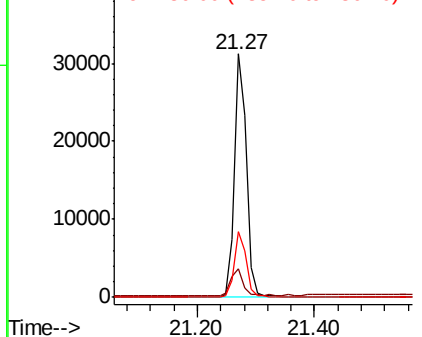


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.420 ng

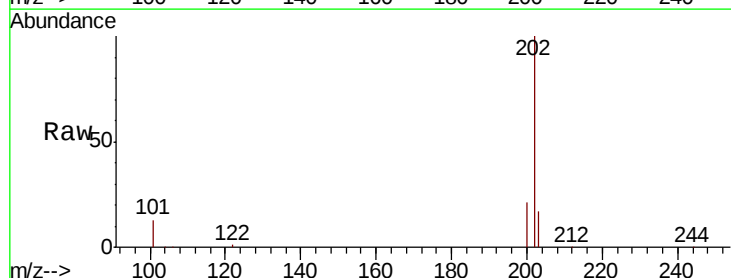
RT: 19.51 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.6	14.0	21.0

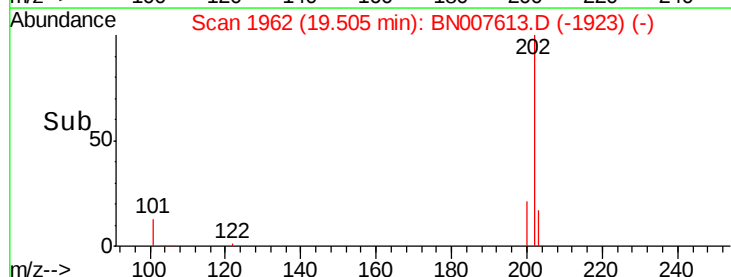
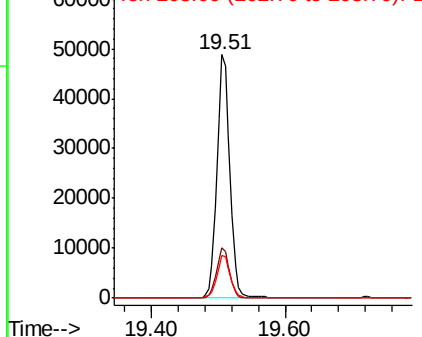


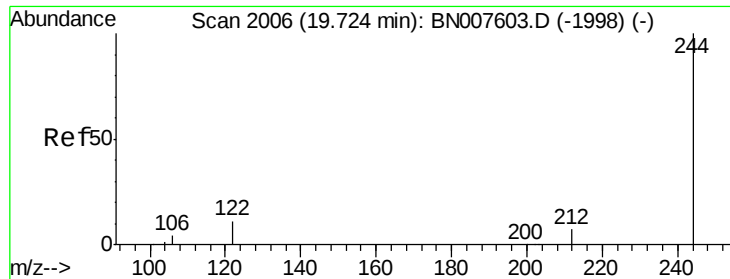
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





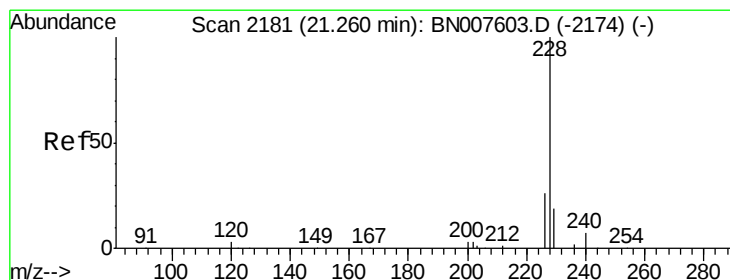
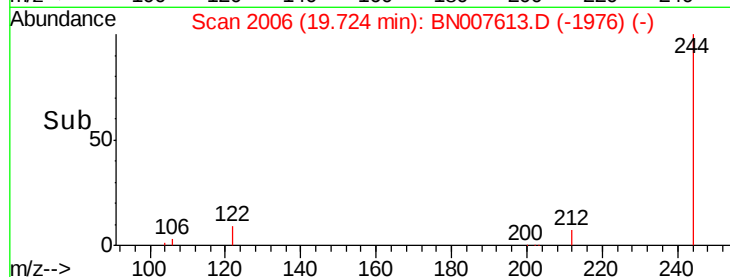
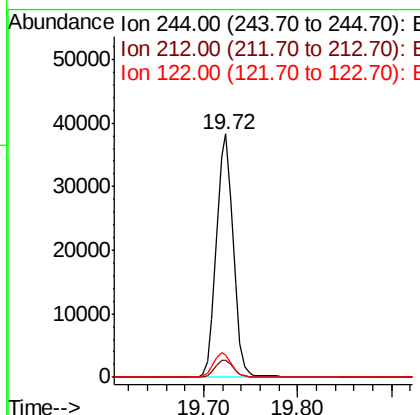
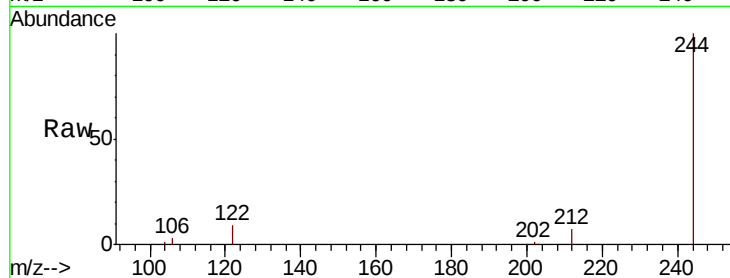
#29
 Terphenyl-d14
 Concen: 0.420 ng
 RT: 19.72 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BN007613.D
 Acq: 12 Sep 2019 18:31

Instrument :
 BNA_N
 ClientSampleId :
 PB122692BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	9.3	8.6	12.8

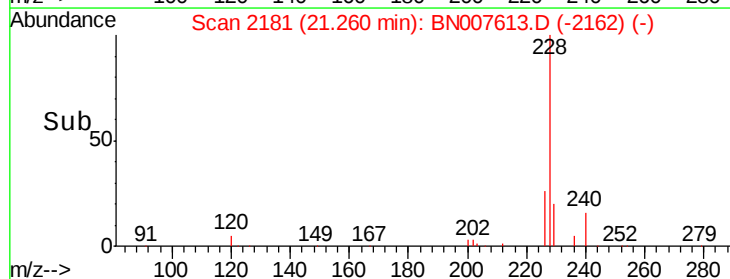
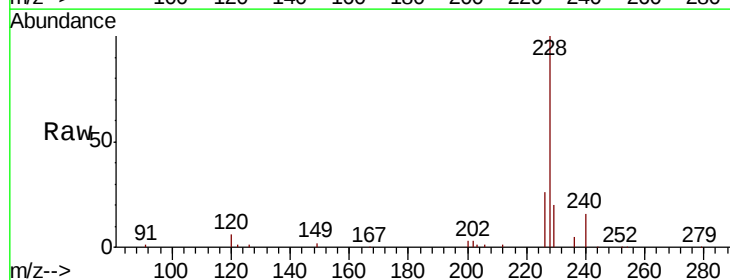
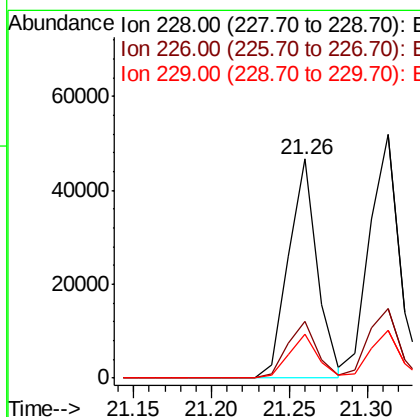
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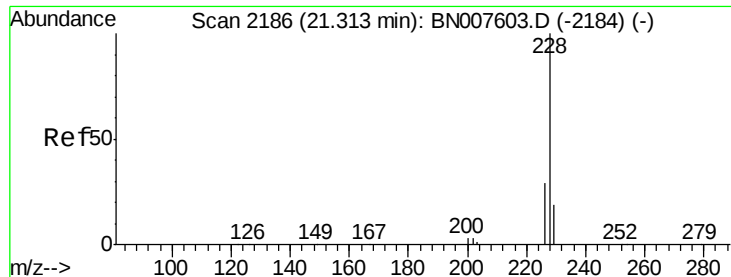
mohammad
 9/16/2019 9:00:27 AM



#30
 Benzo(a)anthracene
 Concen: 0.392 ng
 RT: 21.26 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BN007613.D
 Acq: 12 Sep 2019 18:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.2	31.8
229	20.0	15.5	23.3





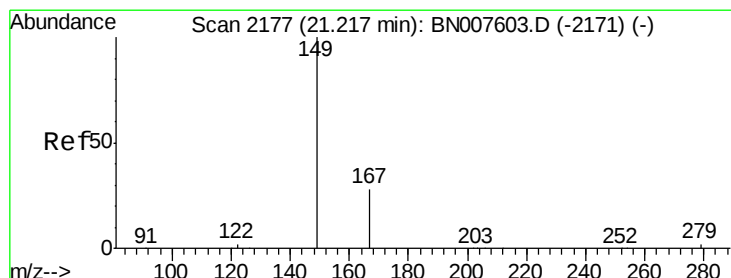
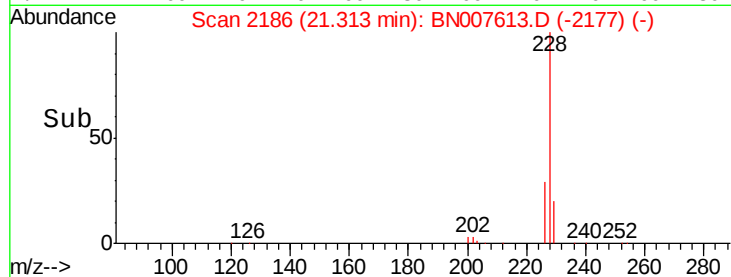
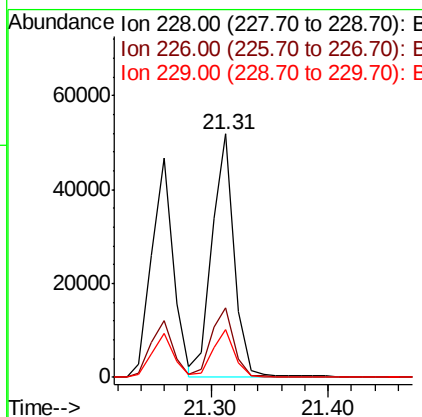
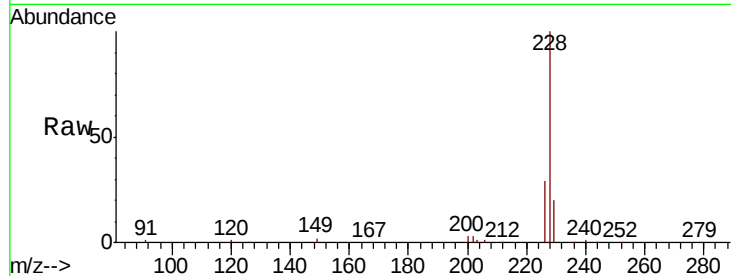
#31
 Chrysene
 Concen: 0.431 ng
 RT: 21.31 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BN007613.D
 Acq: 12 Sep 2019 18:31

Instrument :
 BNA_N
 ClientSampleId :
 PB122692BSD

Tot Ion:228	Resp:	68152
Ion Ratio	Lower	Upper
228 100		
226 28.8	23.4	35.2
229 19.7	15.5	23.3

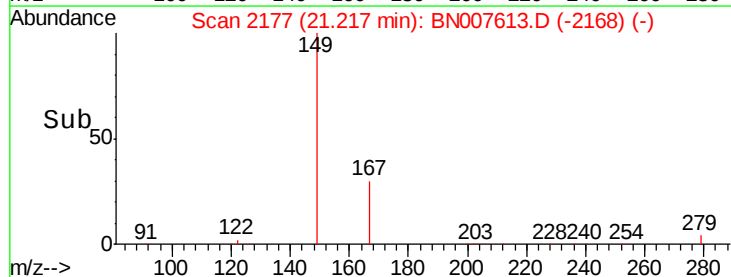
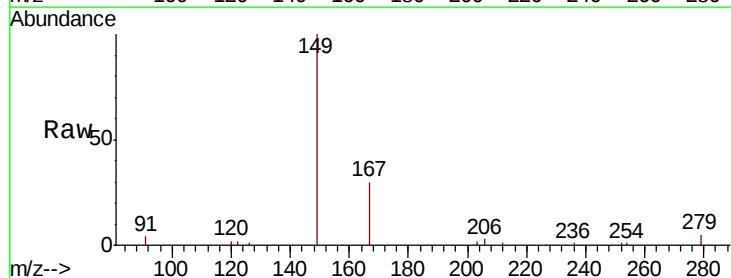
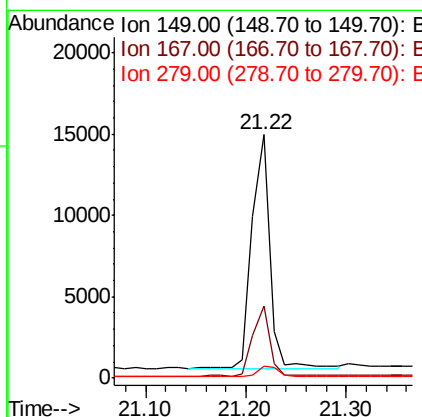
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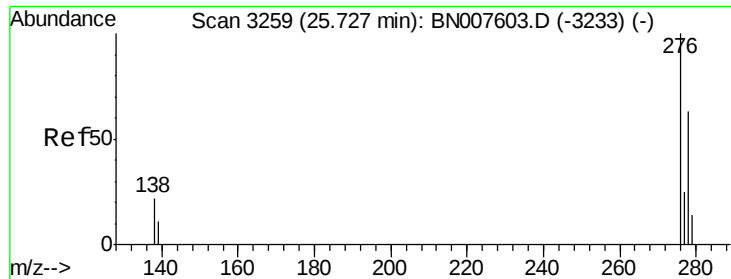
mohammad
 9/16/2019 9:00:27 AM



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.341 ng
 RT: 21.22 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BN007613.D
 Acq: 12 Sep 2019 18:31

Tgt Ion:149	Resp:	17572
Ion Ratio	Lower	Upper
149 100		
167 28.4	22.6	34.0
279 4.8	3.8	5.6





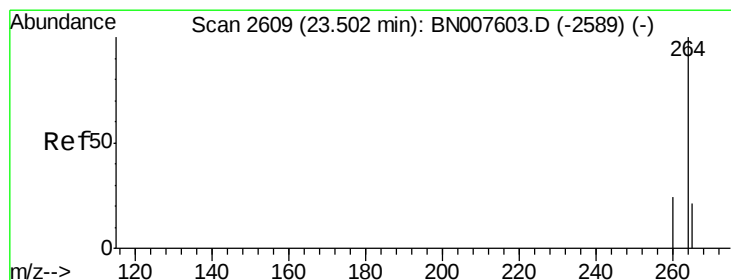
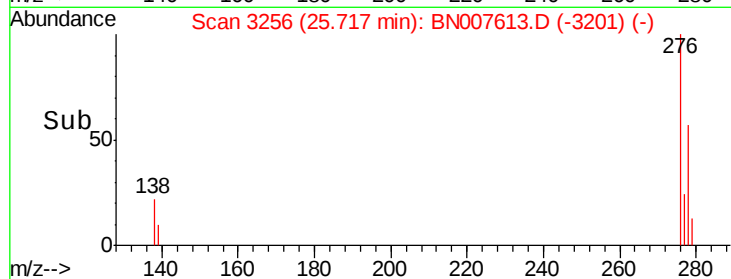
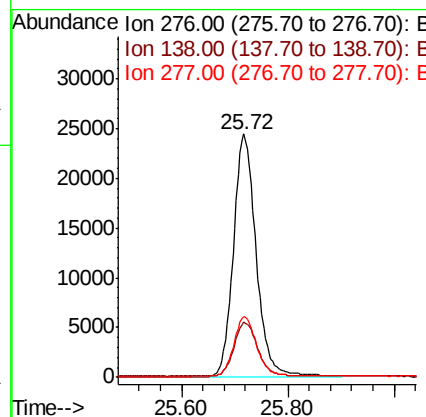
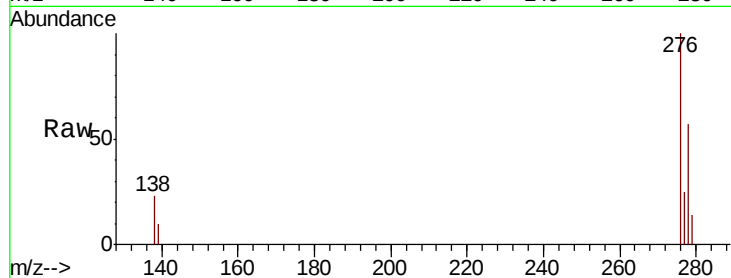
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.430 ng
 RT: 25.72 min Scan# 3256
 Delta R.T. -0.01 min
 Lab File: BN007613.D
 Acq: 12 Sep 2019 18:31

Instrument :
 BNA_N
 ClientSampleId :
 PB122692BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.2	27.4
277	24.9	20.1	30.1

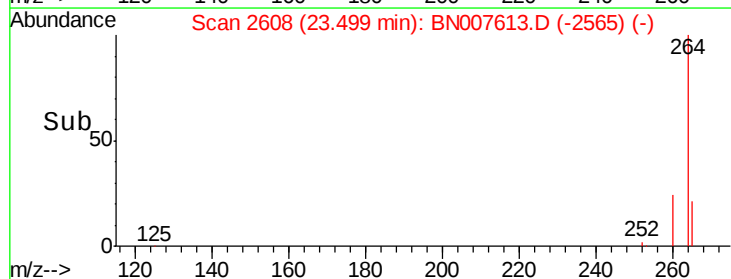
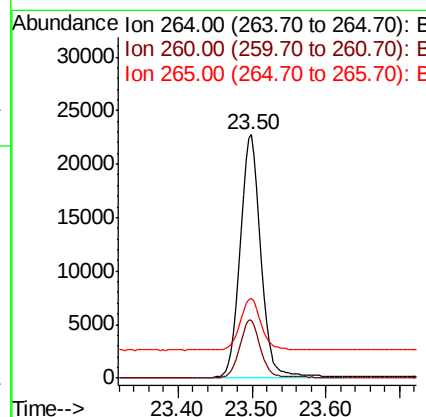
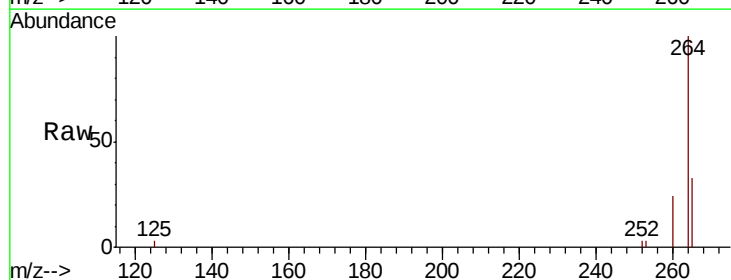
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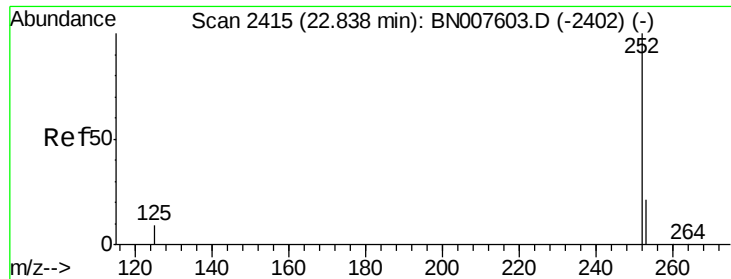
mohammad
 9/16/2019 9:00:27 AM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: BN007613.D
 Acq: 12 Sep 2019 18:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	32.8	24.6	37.0





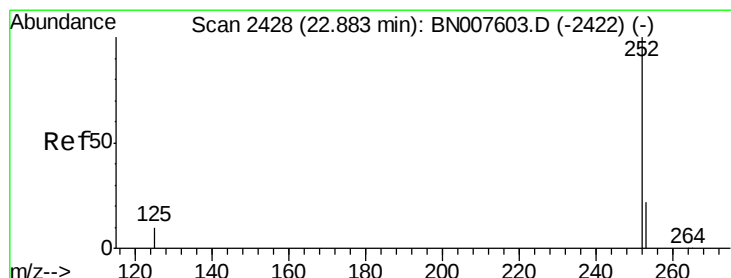
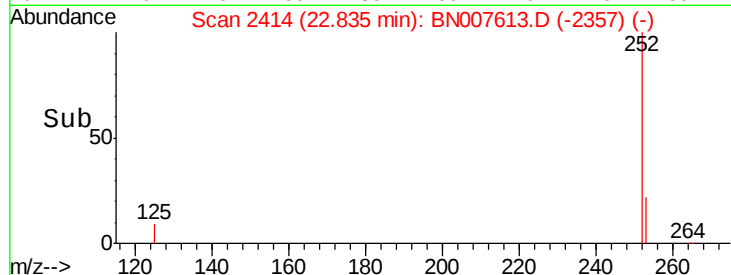
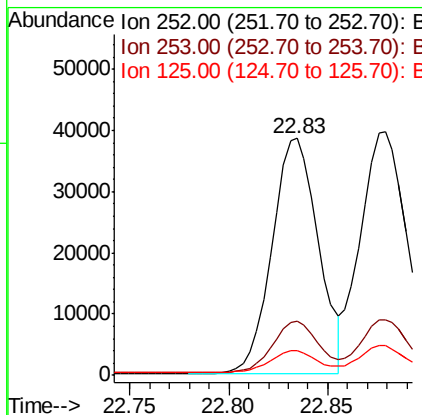
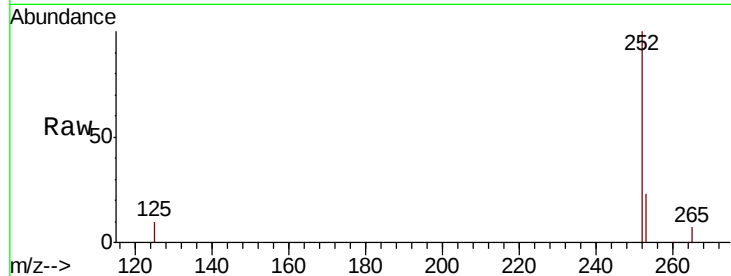
#35
Benzo(b)fluoranthene
Concen: 0.394 ng
RT: 22.83 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	10.3	8.0	12.0

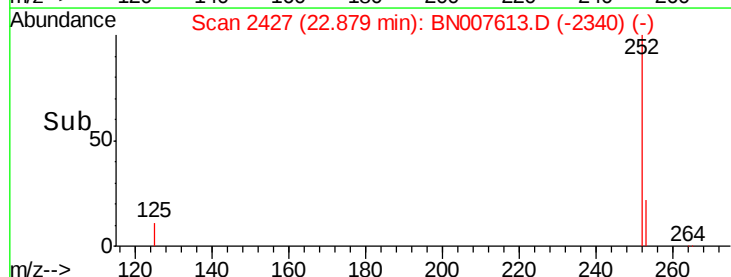
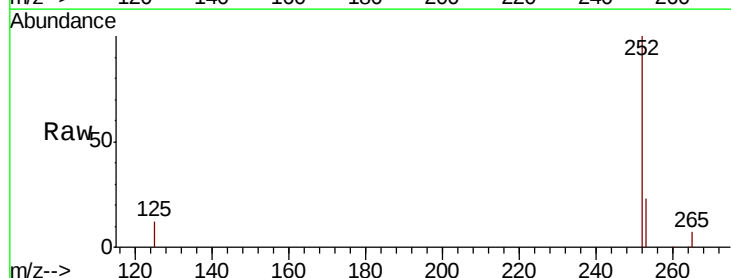
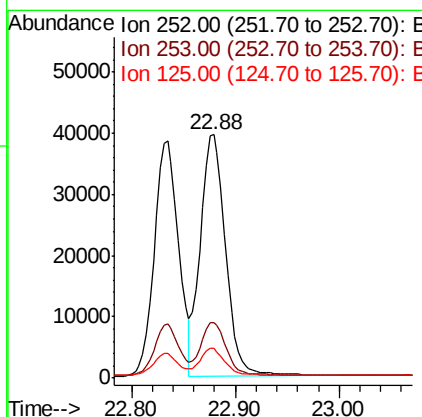
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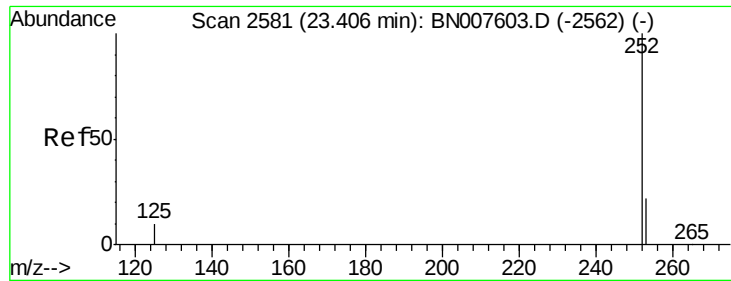
mohammad
9/16/2019 9:00:27 AM



#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 22.88 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	12.1	8.9	13.3





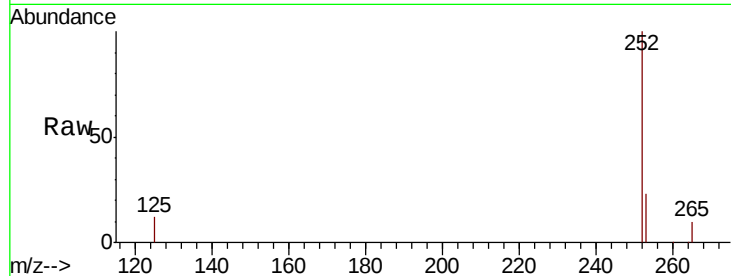
#37
Benzo(a)pyrene
Concen: 0.385 ng
RT: 23.40 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	11.7	8.9	13.3

Manual Integrations
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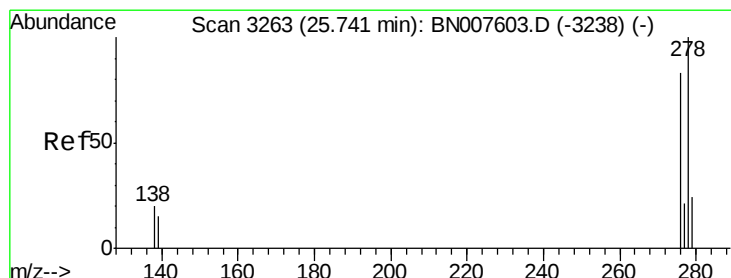
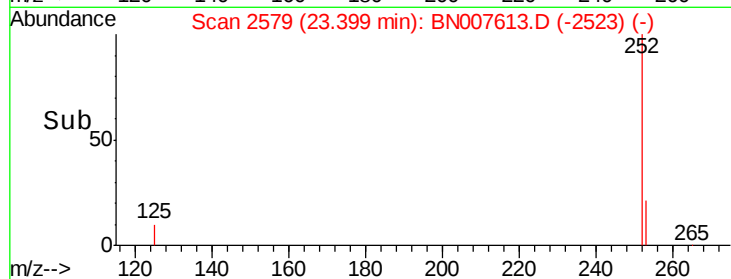
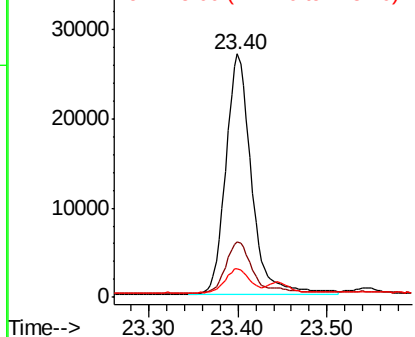


Abundance

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: 0.410 ng
RT: 25.73 min Scan# 3261
Delta R.T. -0.01 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

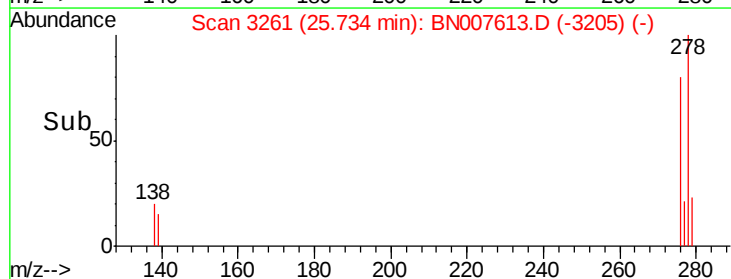
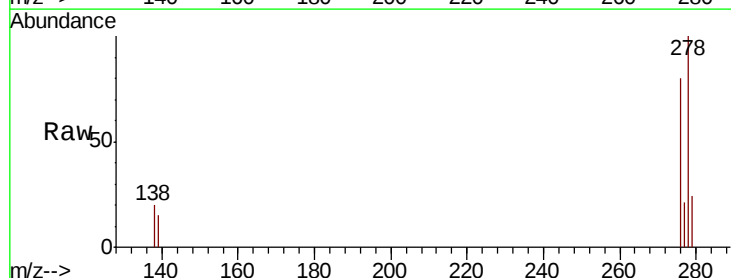
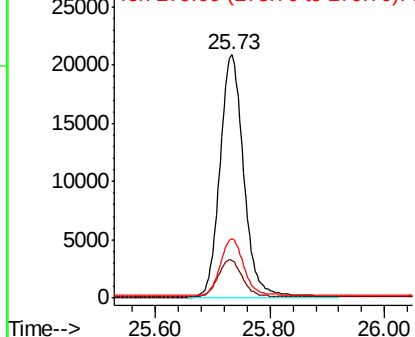
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.6	18.8
279	24.3	19.6	29.4

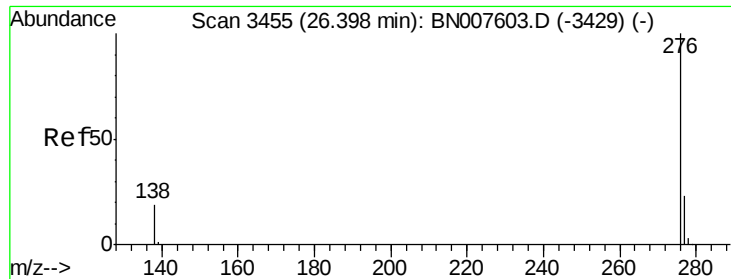
Abundance

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: 0.403 ng

RT: 26.39 min Scan# 3453

Delta R.T. -0.01 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

Tot Ion:	276	Resp:	58394
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.1	28.7
138	20.2	15.8	23.6

Manual Integrations
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mohammad
9/16/2019 9:00:27 AM

