

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
 Data File : BN007595.D
 Acq On : 11 Sep 2019 19:27
 Operator : HP/JU
 Sample : PB122940BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122940BS

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:01:02 AM

Quant Time: Sep 12 06:43:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 11 14:14:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	6567	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	26061	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	15170	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	32193	0.40	ng	0.00
27) Chrysene-d12	21.27	240	33808	0.40	ng	-0.02
34) Perylene-d12	23.50	264	36136	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	8186	0.41	ng	0.00
5) Phenol-d6	6.90	99	10606	0.40	ng	0.00
8) Nitrobenzene-d5	8.86	82	8835	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	18727	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	2253	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	25798	0.41	ng	0.00
25) Fluoranthene-d10	19.12	212	44260	0.42	ng	0.00
29) Terphenyl-d14	19.73	244	37191	0.42	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	3190	0.507	ng	88
3) n-Nitrosodimethylamine	3.03	42	2104	0.536	ng	# 100
6) bis(2-Chloroethyl)ether	7.16	93	7588	0.588	ng	# 81
9) Naphthalene	10.54	128	31628	0.431	ng	99
10) Hexachlorobutadiene	10.85	225	6473	0.440	ng	# 99
12) 2-Methylnaphthalene	12.16	142	21218	0.413	ng	99
16) Acenaphthylene	14.05	152	30888	0.379	ng	100
17) Acenaphthene	14.40	154	20128	0.391	ng	100
18) Fluorene	15.39	166	25743	0.380	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	8379	0.440	ng	# 91
21) Hexachlorobenzene	16.40	284	8972	0.448	ng	99
22) Pentachlorophenol	16.74	266	2247	0.512	ng	98
23) Phenanthrene	17.13	178	42712	0.430	ng	100
24) Anthracene	17.22	178	38313	0.418	ng	100
26) Fluoranthene	19.15	202	51115	0.424	ng	100
28) Pyrene	19.51	202	51726	0.426	ng	100
30) Benzo(a)anthracene	21.26	228	49664	0.411	ng	99
31) Chrysene	21.31	228	52464	0.427	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	19265	0.465	ng	98
33) Indeno(1,2,3-cd)pyrene	25.73	276	58622	0.451	ng	# 100
35) Benzo(b)fluoranthene	22.84	252	51165	0.398	ng	100
36) Benzo(k)fluoranthene	22.88	252	51476m	0.405	ng	
37) Benzo(a)pyrene	23.40	252	46633	0.408	ng	99
38) Dibenzo(a,h)anthracene	25.74	278	48581	0.424	ng	99
39) Benzo(g,h,i)perylene	26.40	276	47486	0.409	ng	100

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

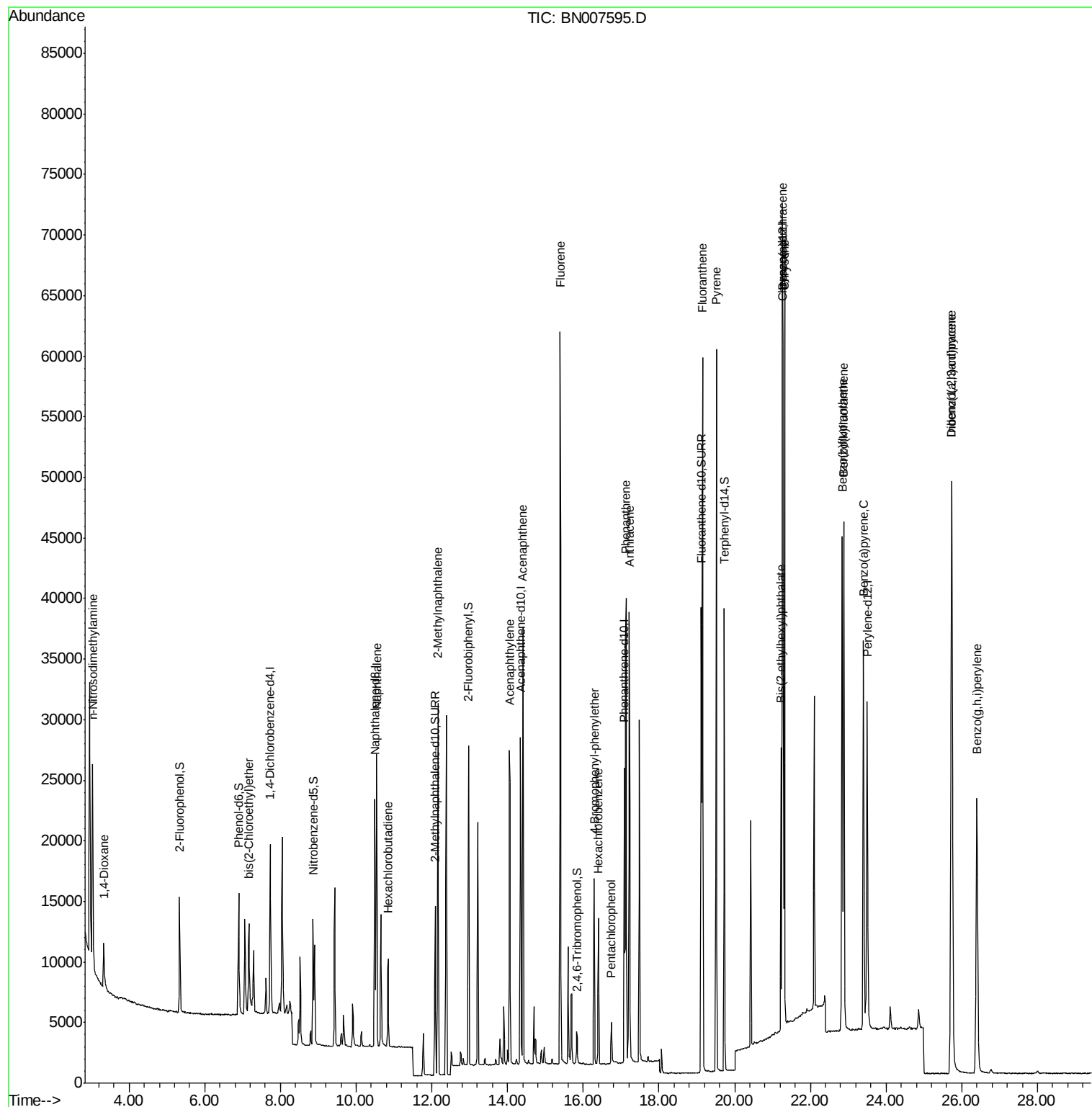
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
Data File : BN007595.D
Acq On : 11 Sep 2019 19:27
Operator : HP/JU
Sample : PB122940BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

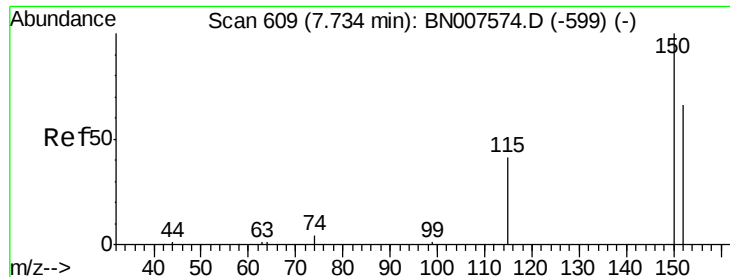
Instrument :
BNA_N
ClientSampleId :
PB122940BS

Manual Integrations
APPROVED

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9/16/2019 9:01:02 AM

Quant Time: Sep 12 06:43:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 11 14:14:20 2019
Response via : Initial Calibration





#1

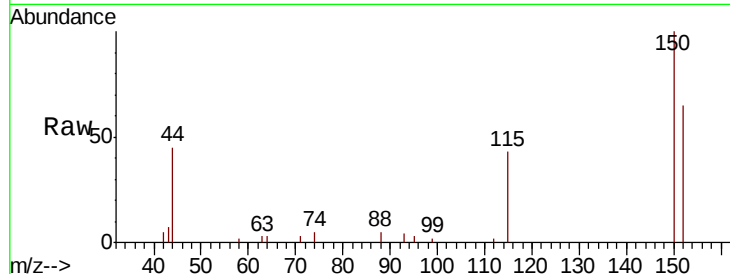
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007595.D
Acq: 11 Sep 2019 19:27

Instrument :
BNA_N
ClientSampleId :
PB122940BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	119.5	179.3
115	65.9	53.0	79.6

Manual Integrations
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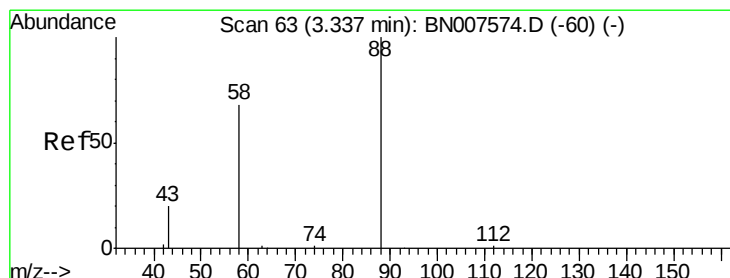
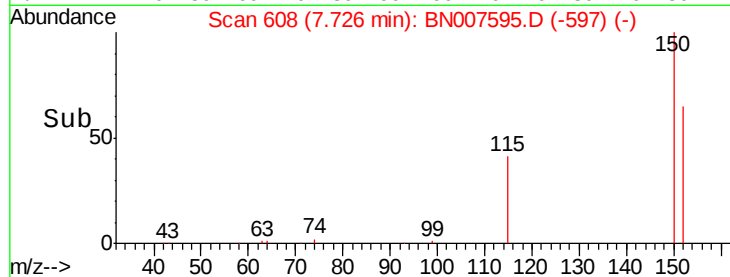
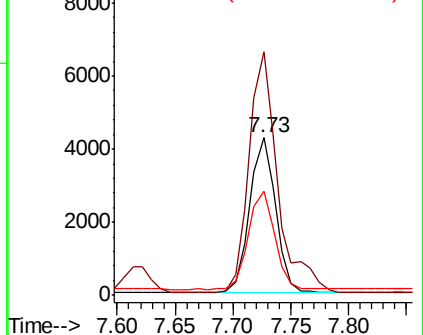


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

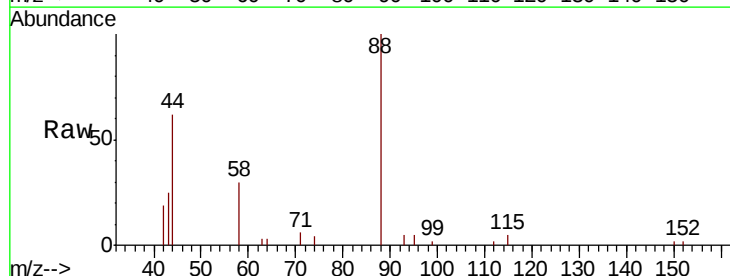
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.507 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007595.D
Acq: 11 Sep 2019 19:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	64.6	96.8
43	23.1	19.2	28.8

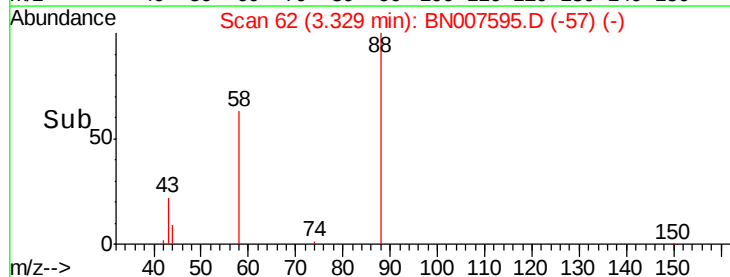
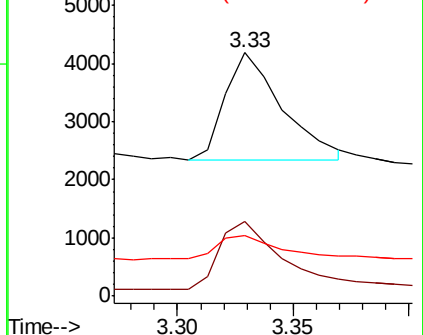


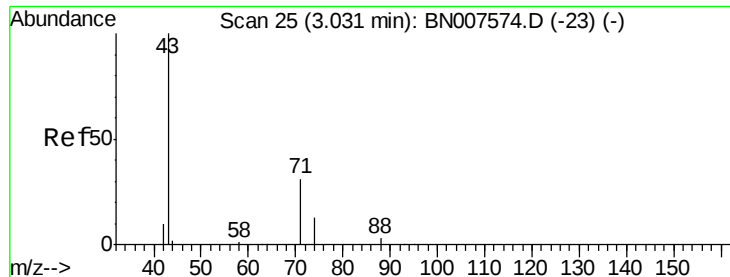
Abundance

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

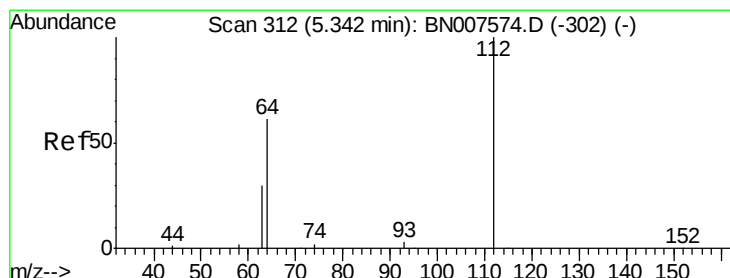
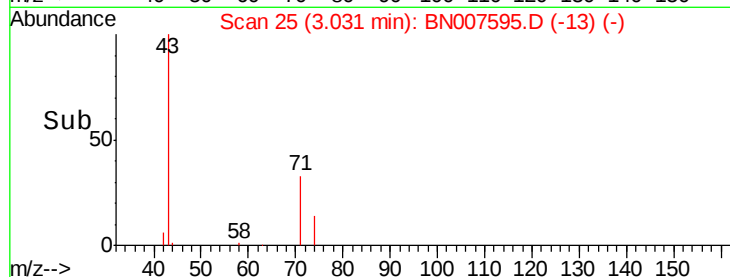
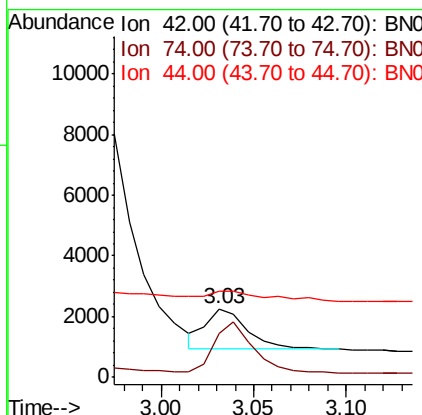
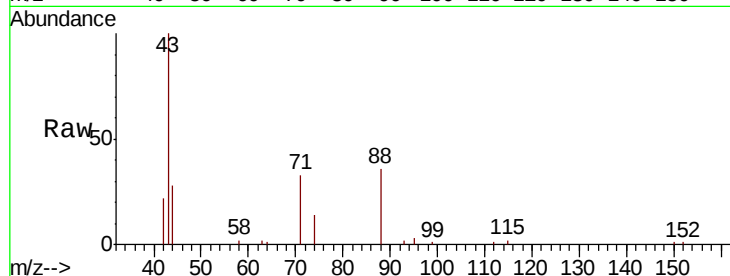
n-Nitrosodimethylamine
 Concen: 0.536 ng
 RT: 3.03 min Scan# 25
 Delta R.T. 0.00 min
 Lab File: BN007595.D
 Acq: 11 Sep 2019 19:27

Instrument :
 BNA_N
 ClientSampleID :
 PB122940BS

Tot Ion	42	Resp:	2104
Ion	Ratio	Lower	Upper
42	100		
74	114.6	0.0	0.0#
44	37.1	0.0	0.0#

Manual Integrations
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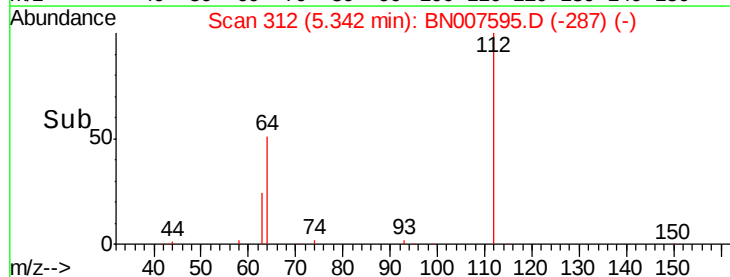
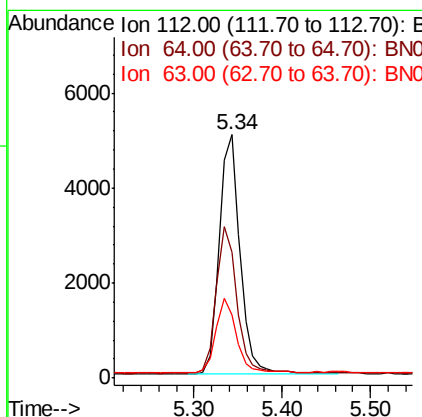
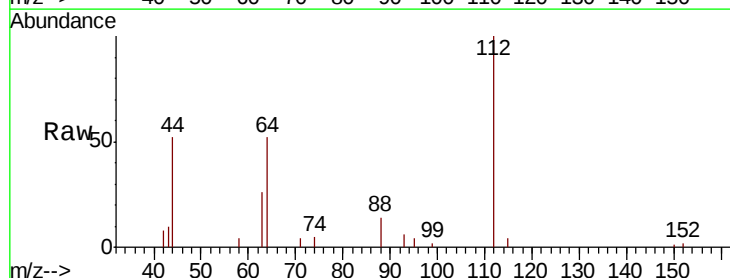
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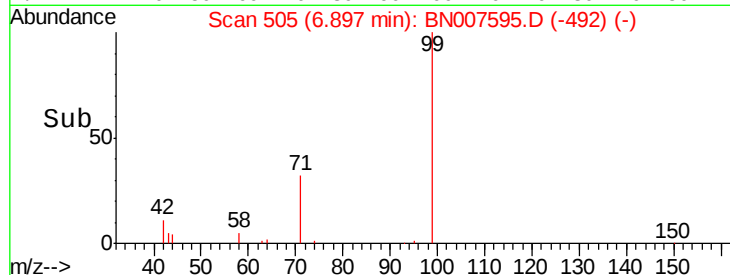
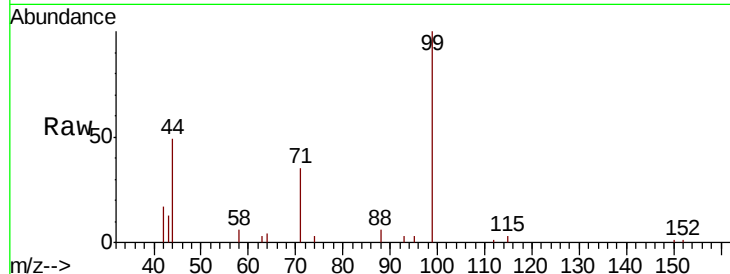
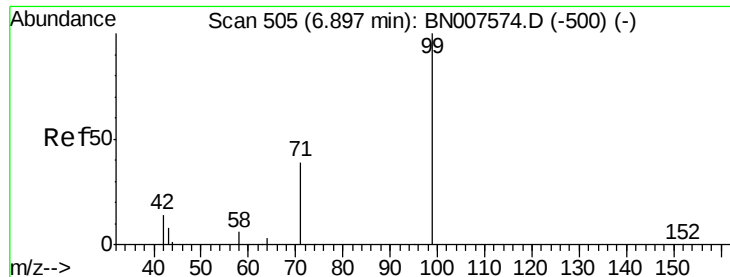


#4

2-Fluorophenol
 Concen: 0.409 ng
 RT: 5.34 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: BN007595.D
 Acq: 11 Sep 2019 19:27

Tgt Ion	112	Resp:	8186
Ion	Ratio	Lower	Upper
112	100		
64	60.5	49.2	73.8
63	30.0	26.0	39.0





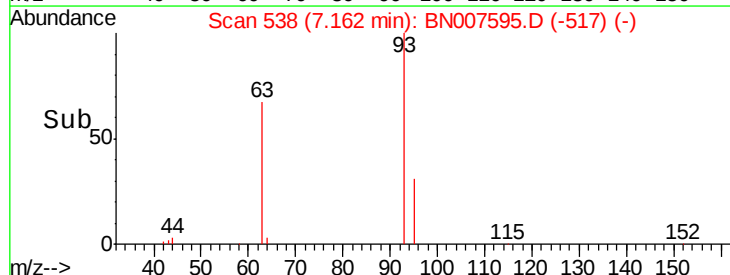
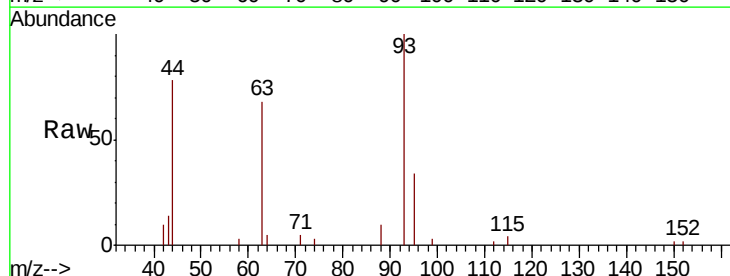
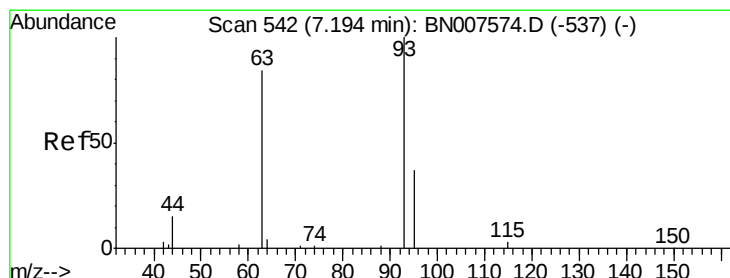
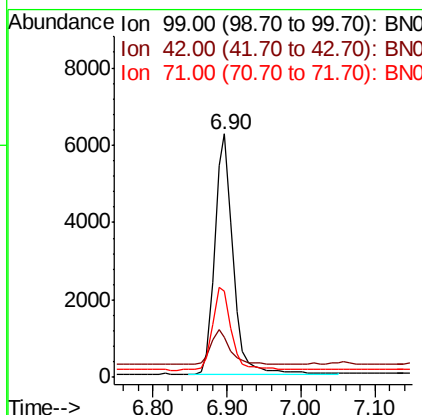
#5
Phenol-d6
Concen: 0.395 ng
RT: 6.90 min Scan# 505
Delta R.T. 0.00 min
Lab File: BN007595.D
Acq: 11 Sep 2019 19:27

Tot Ion	99	Resp	10606
Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.8	17.8
71	35.8	28.8	43.2

Instrument :
BNA_N
ClientSampleId :
PB122940BS

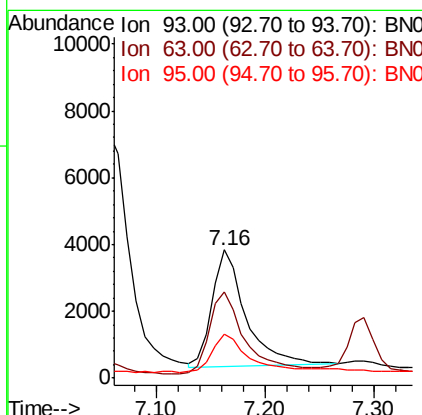
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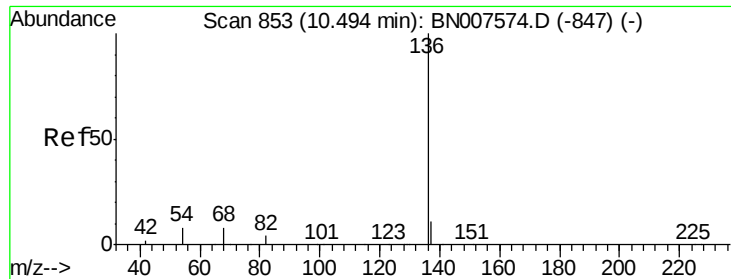
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#6
bis(2-Chloroethyl)ether
Concen: 0.588 ng
RT: 7.16 min Scan# 538
Delta R.T. -0.03 min
Lab File: BN007595.D
Acq: 11 Sep 2019 19:27

Tgt Ion	93	Resp	7588
Ion	Ratio	Lower	Upper
93	100		
63	74.8	69.8	104.6
95	34.1	42.8	64.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. 0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

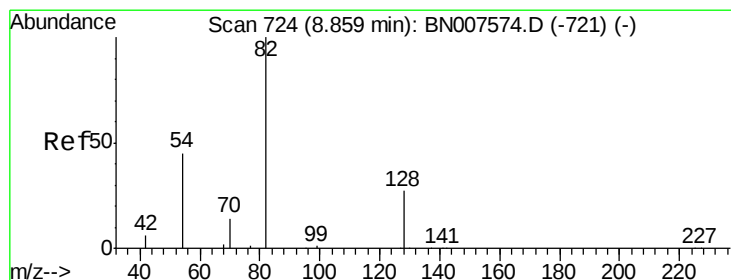
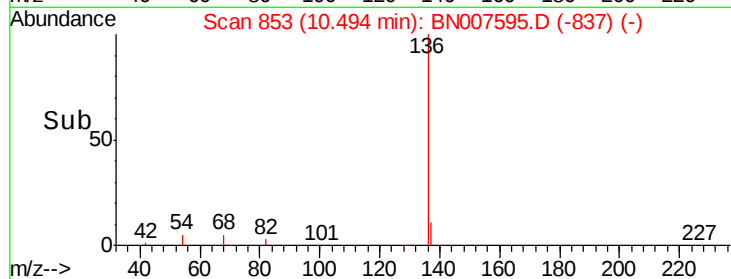
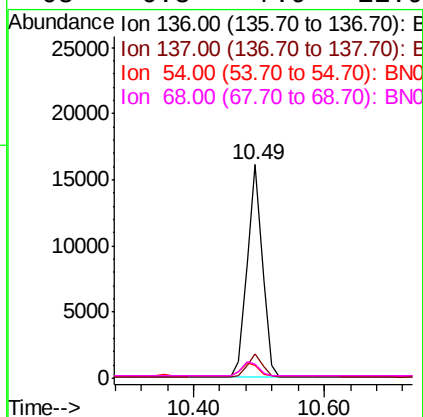
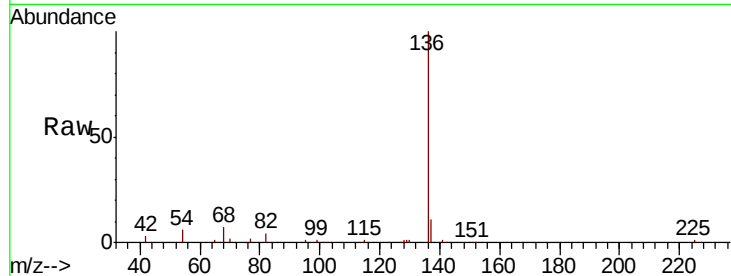
ClientSampleId :

PB122940BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	6.0	7.5	11.3	
68	6.8	7.9	11.9	

Manual Integrations
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#8

Nitrobenzene-d5

Concen: 0.557 ng

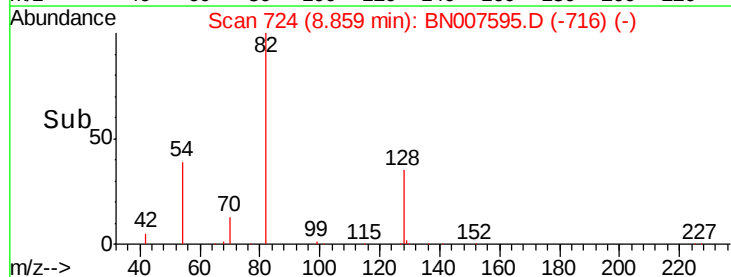
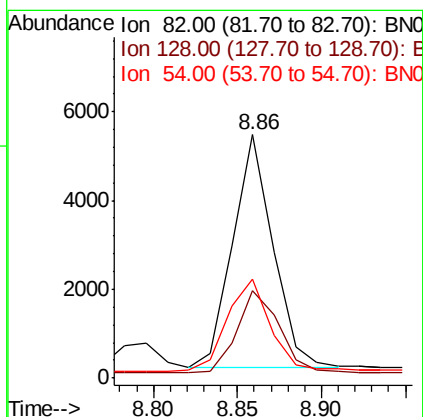
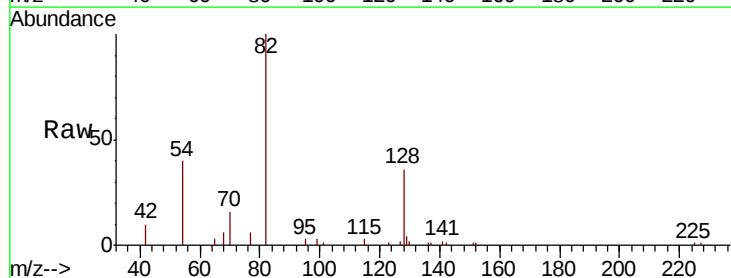
RT: 8.86 min Scan# 724

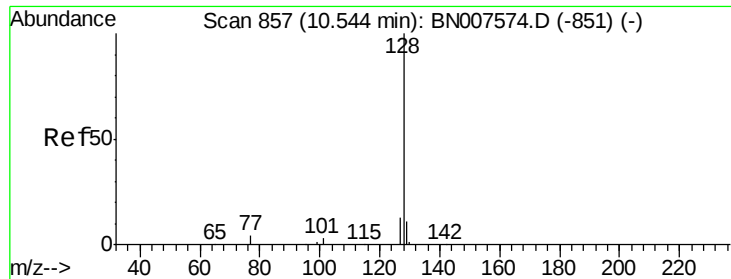
Delta R.T. 0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.8	23.4	35.2	
54	40.5	38.2	57.2	





#9

Naphthalene

Concen: 0.431 ng

RT: 10.54 min Scan# 857

Delta R.T. 0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

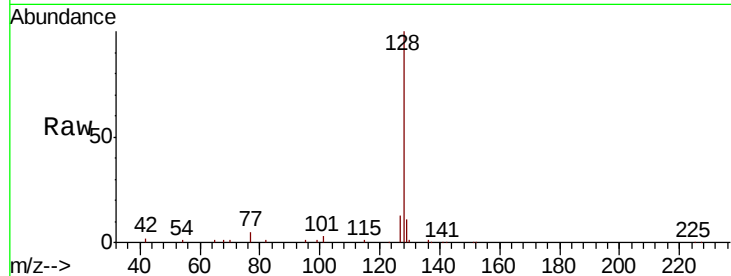
ClientSampleId :

PB122940BS

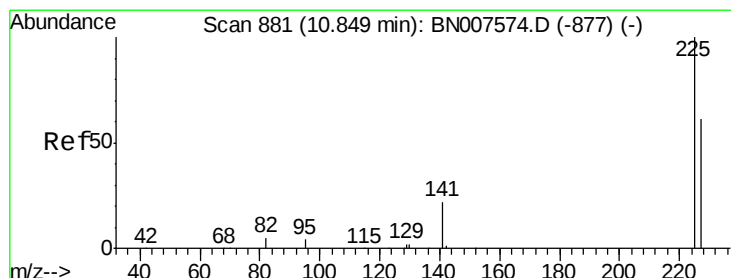
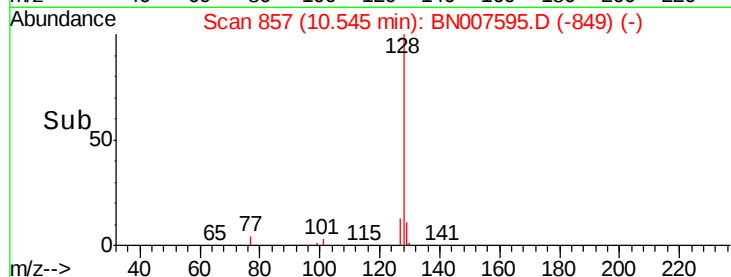
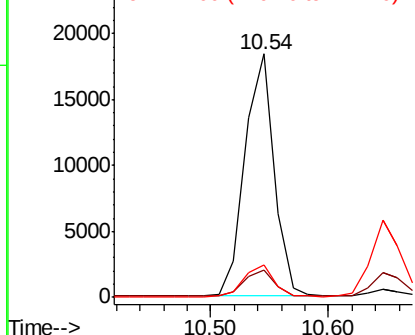
Tot Ion:	128	Resp:	31628
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.3	13.9
127	13.1	11.0	16.4

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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: 0.440 ng

RT: 10.85 min Scan# 881

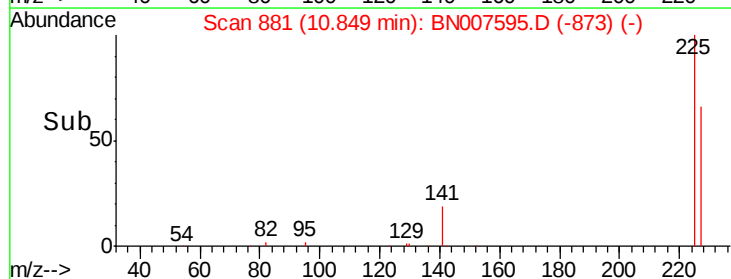
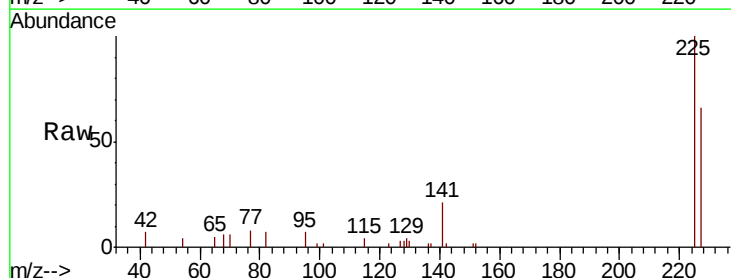
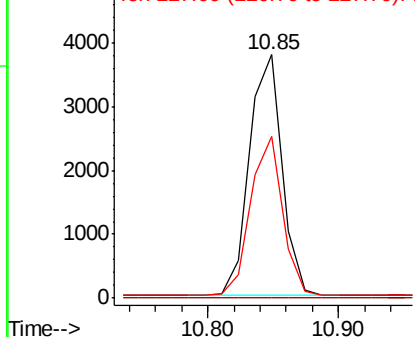
Delta R.T. 0.00 min

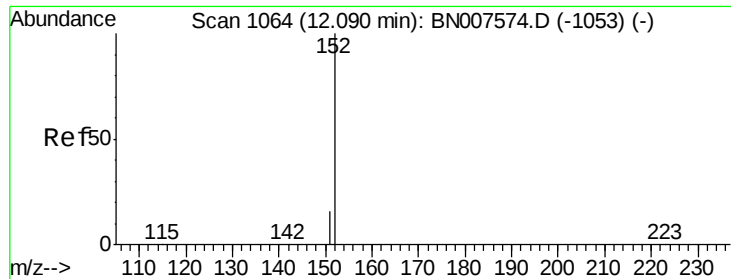
Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Tgt Ion:	225	Resp:	6473
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.1	50.4	75.6

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





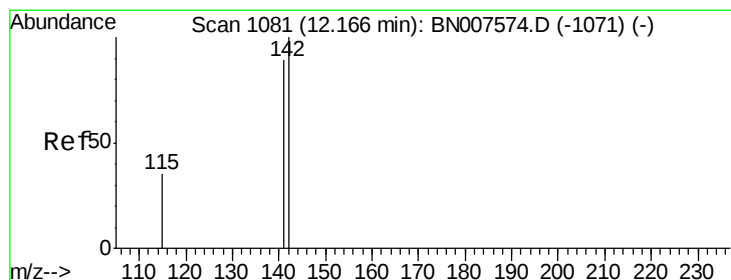
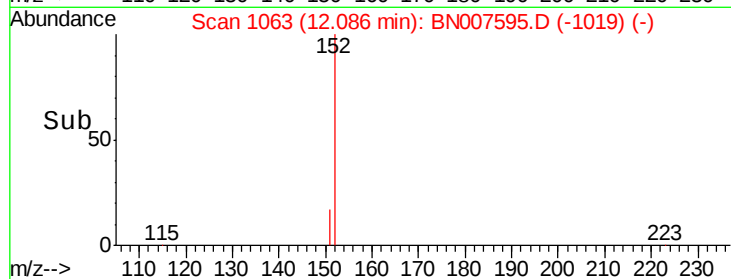
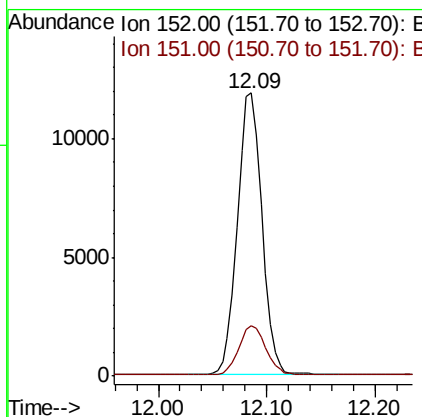
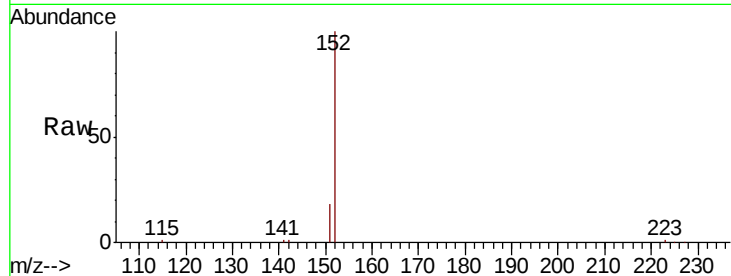
#11
2-Methylnaphthalene-d10
Concen: 0.416 ng
RT: 12.09 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BN007595.D
Acq: 11 Sep 2019 19:27

Instrument :
BNA_N
ClientSampled :
PB122940BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9

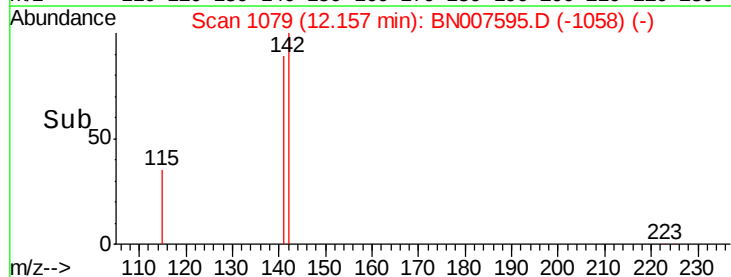
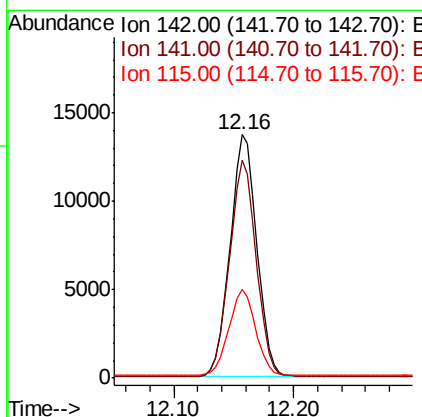
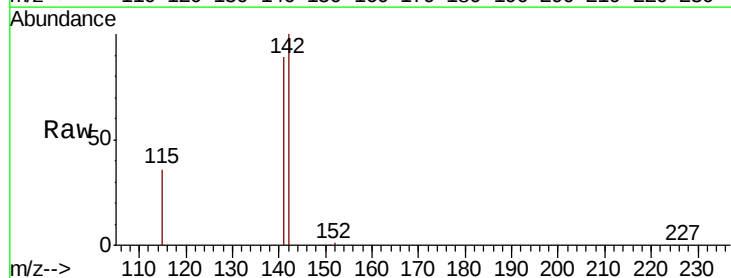
Manual Integrations
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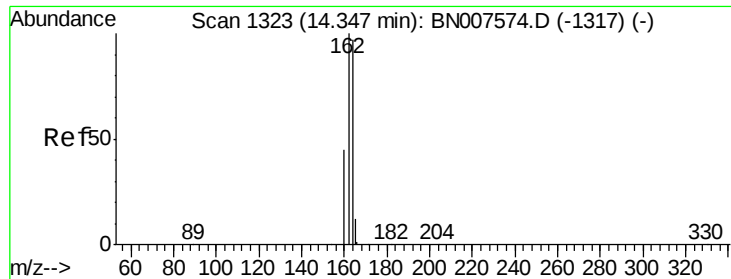
mohammad
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#12
2-Methylnaphthalene
Concen: 0.413 ng
RT: 12.16 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BN007595.D
Acq: 11 Sep 2019 19:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.6
115	36.3	29.1	43.7





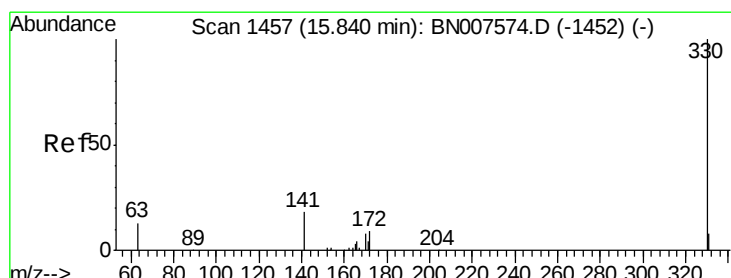
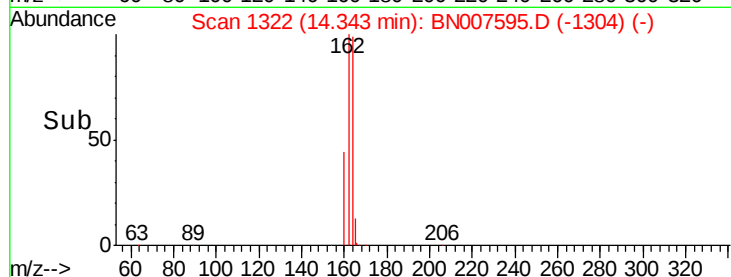
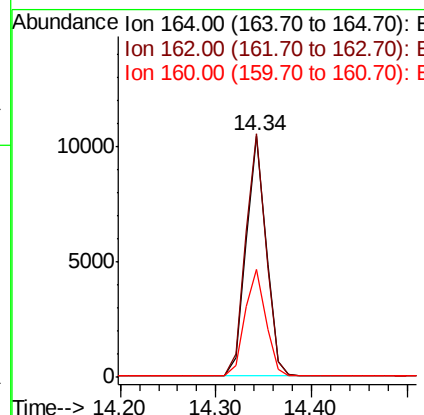
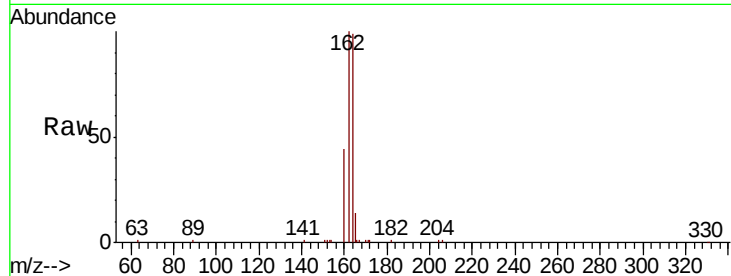
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007595.D
Acq: 11 Sep 2019 19:27

Instrument :
BNA_N
ClientSampled :
PB122940BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.2
160	44.8	37.4	56.0

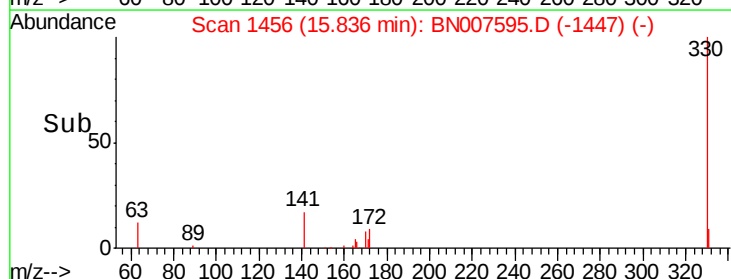
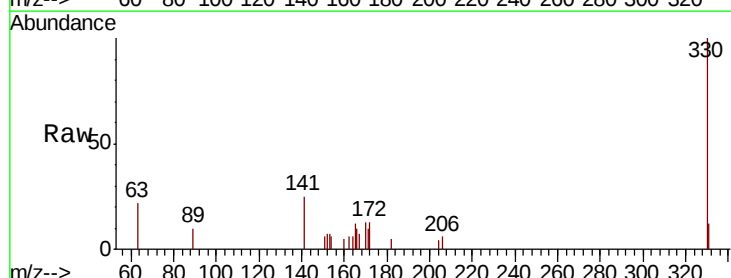
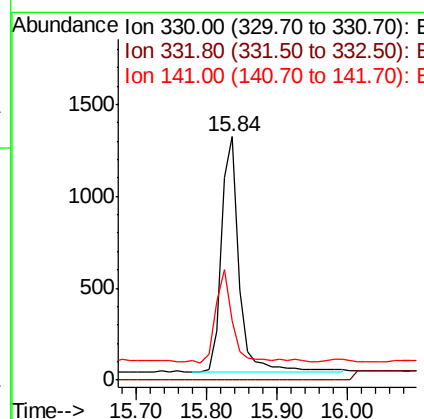
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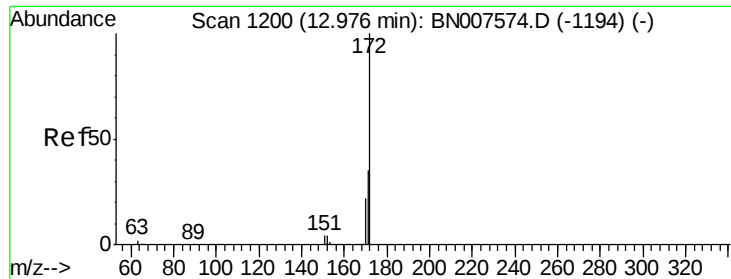
mohammad
9/16/2019 9:01:02 AM



#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 15.84 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007595.D
Acq: 11 Sep 2019 19:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.9	30.6	45.8





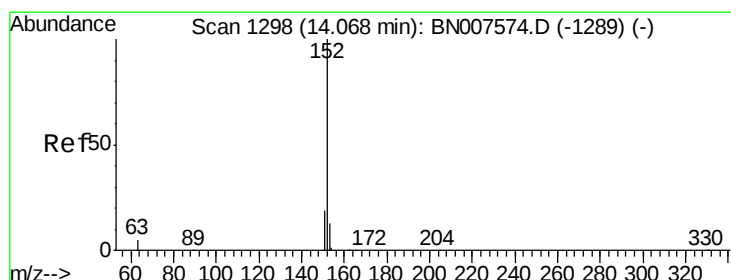
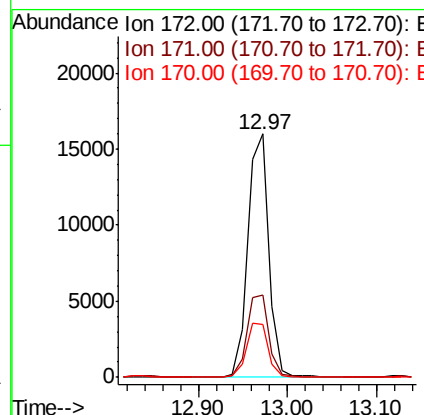
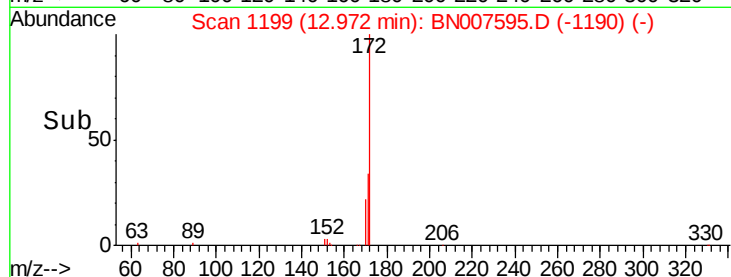
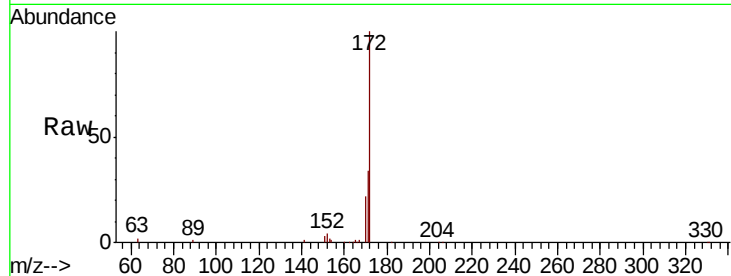
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007595.D
Acq: 11 Sep 2019 19:27

Instrument :
BNA_N
ClientSampleId :
PB122940BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.2	42.2
170	21.8	18.3	27.5

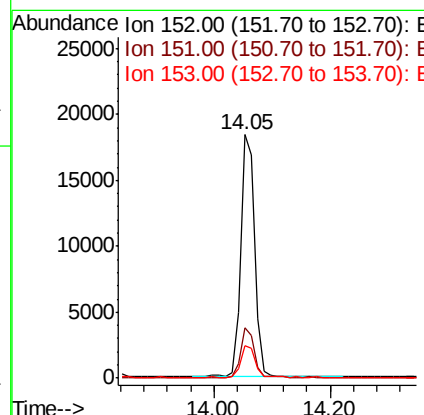
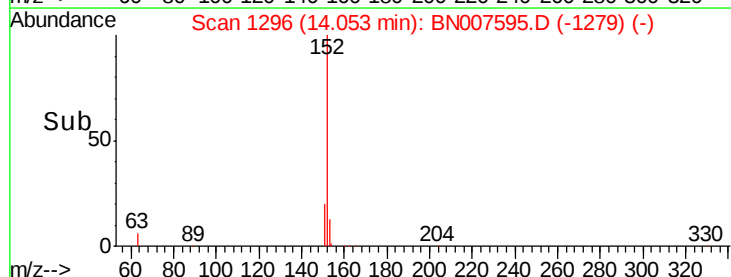
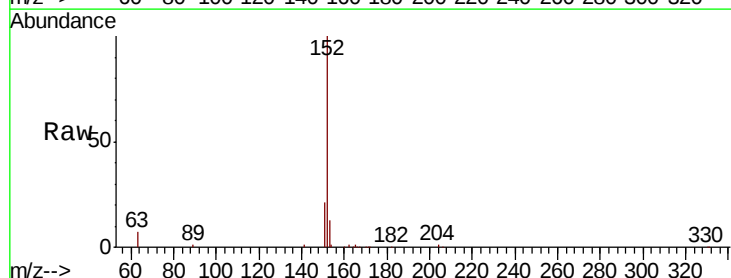
Manual Integrations
APPROVED

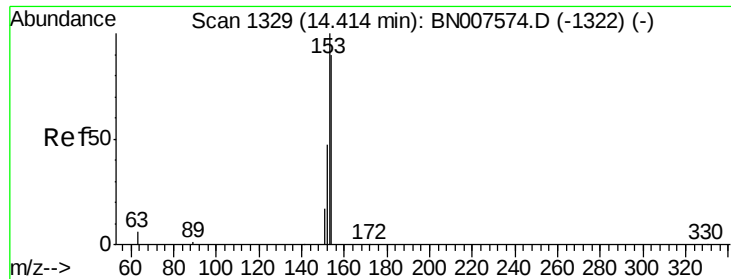
mohammad
9/16/2019 9:01:02 AM



#16
Acenaphthylene
Concen: 0.379 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BN007595.D
Acq: 11 Sep 2019 19:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.0	10.4	15.6





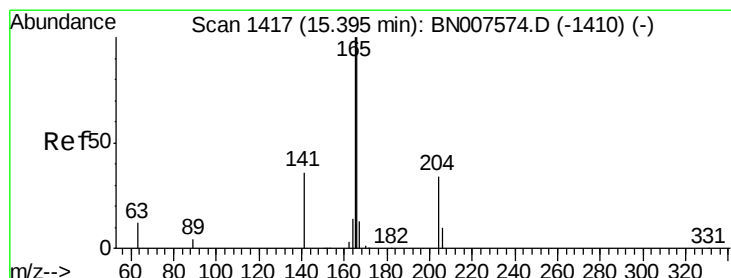
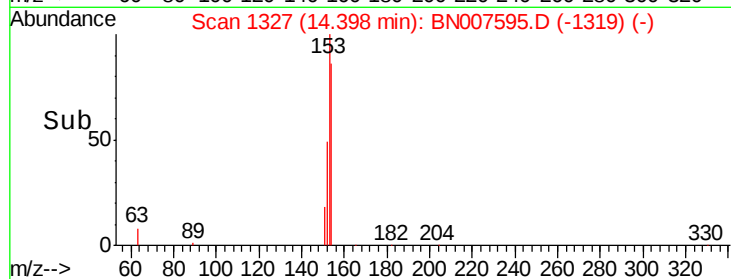
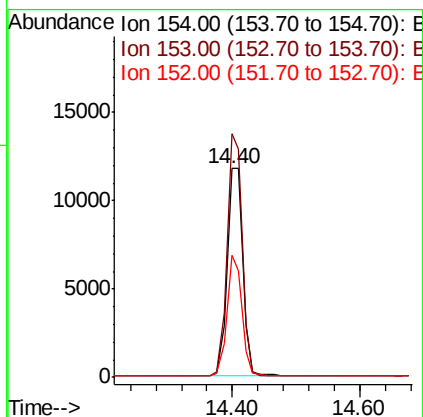
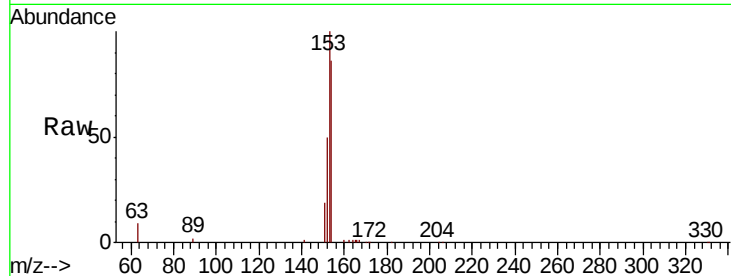
#17
Acenaphthene
Concen: 0.391 ng
RT: 14.40 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BN007595.D
Acq: 11 Sep 2019 19:27

Instrument :
BNA_N
ClientSampleId :
PB122940BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.4	134.2
152	54.9	43.4	65.0

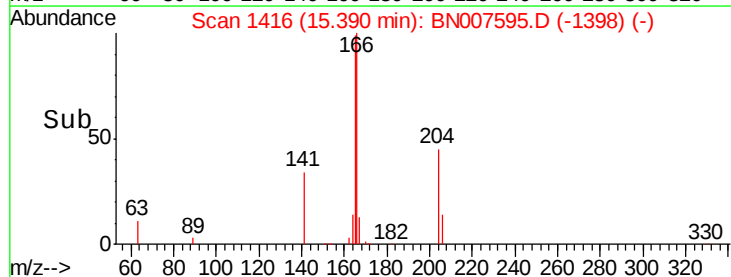
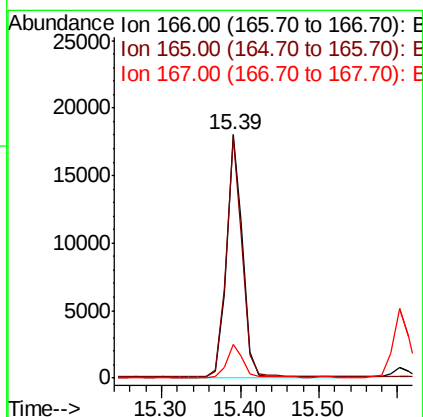
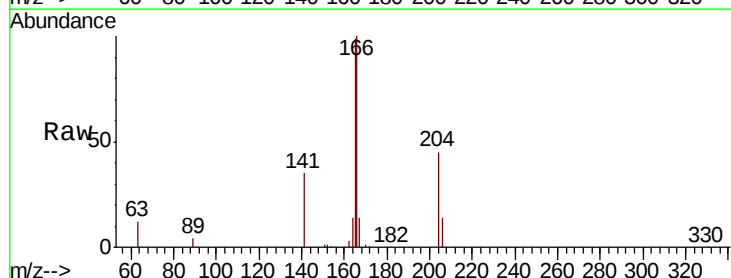
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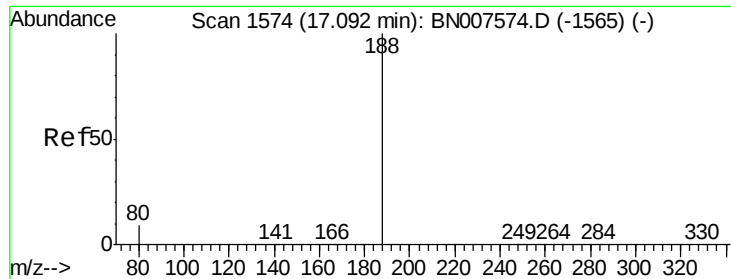
mohammad
9/16/2019 9:01:02 AM



#18
Fluorene
Concen: 0.380 ng
RT: 15.39 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BN007595.D
Acq: 11 Sep 2019 19:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.6
167	13.4	11.0	16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

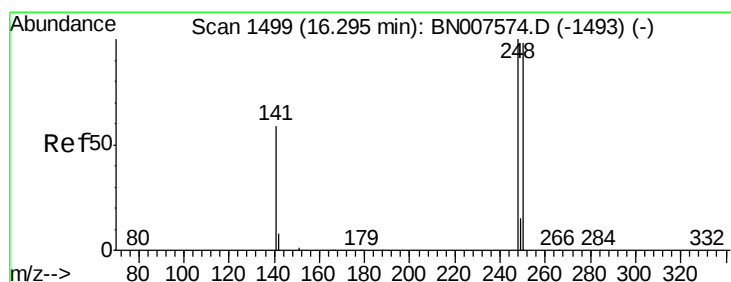
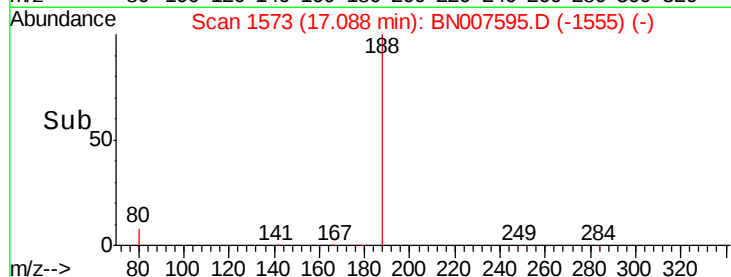
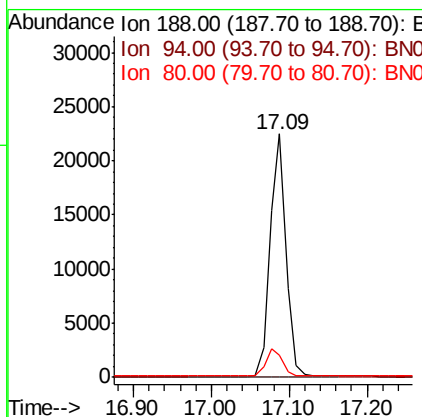
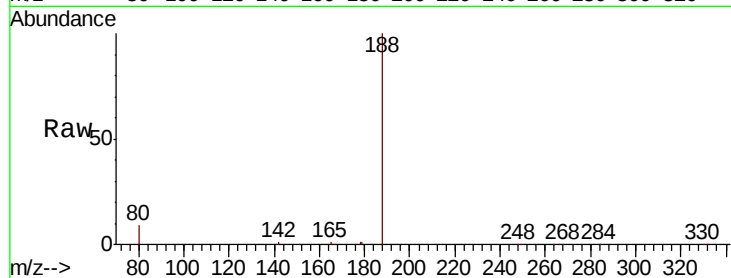
ClientSampleId :

PB122940BS

Tot Ion:	188	Resp:	32193
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.1	8.1	12.1

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#20

4-Bromophenyl-phenylether

Concen: 0.440 ng

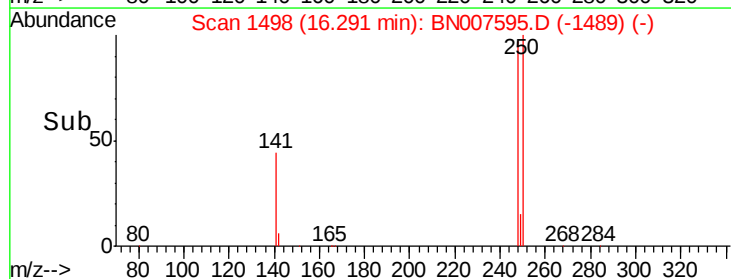
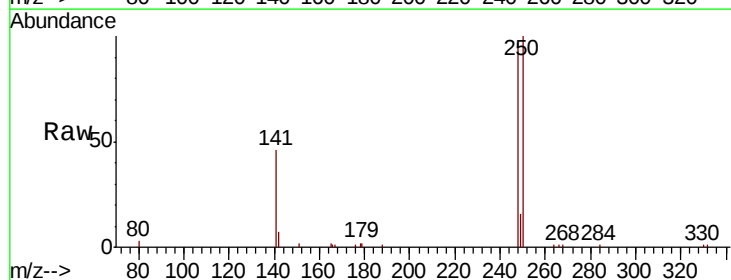
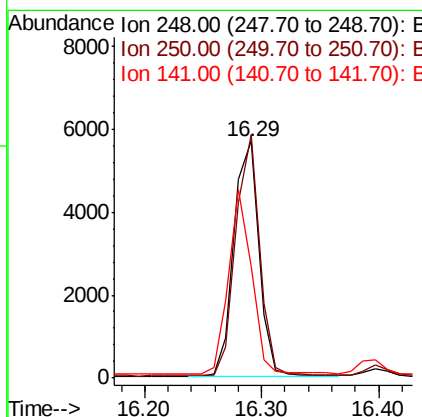
RT: 16.29 min Scan# 1498

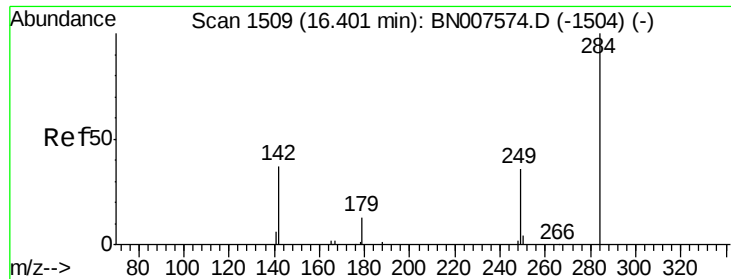
Delta R.T. -0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Tgt Ion:	248	Resp:	8379
Ion Ratio	Lower	Upper	
248	100		
250	102.7	78.9	118.3
141	47.0	48.3	72.5#





#21

Hexachlorobenzene

Concen: 0.448 ng

RT: 16.40 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

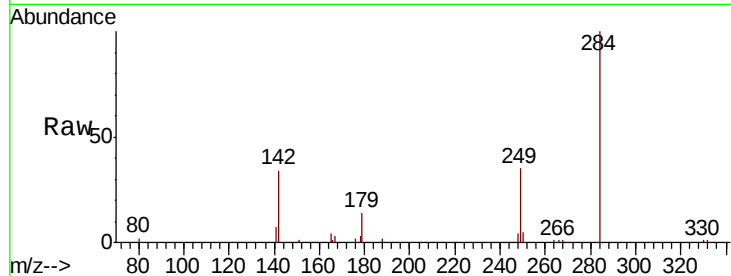
ClientSampleId :

PB122940BS

Tot Ion:	284	Resp:	8972
Ion Ratio	Lower	Upper	
284	100		
142	34.0	27.9	41.9
249	32.0	26.0	39.0

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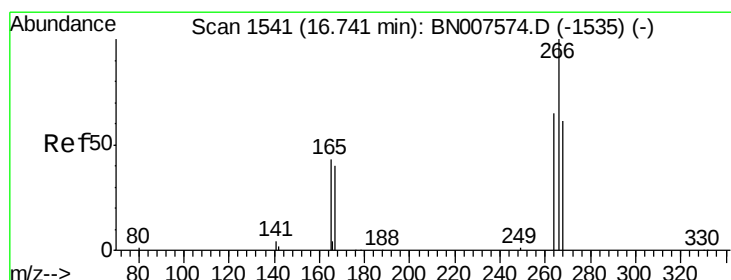
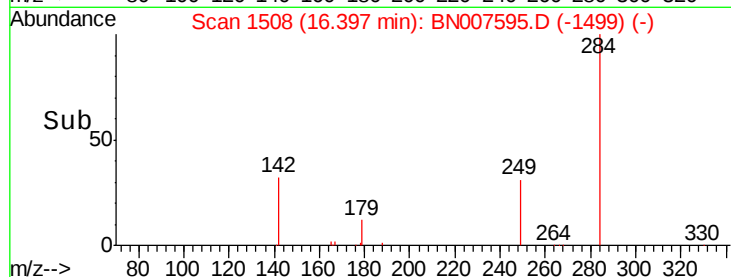
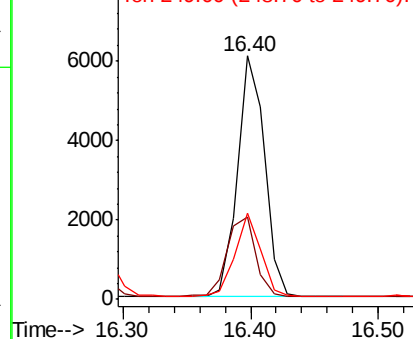


Abundance

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: 0.512 ng

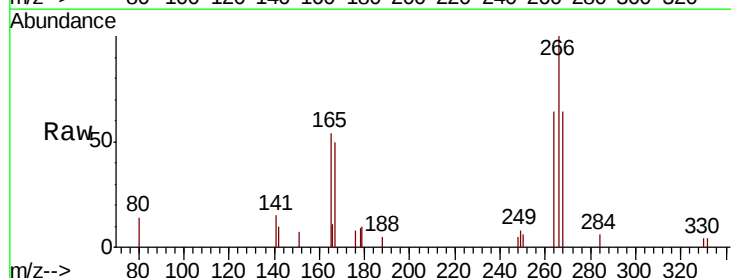
RT: 16.74 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Tgt Ion:	266	Resp:	2247
Ion Ratio	Lower	Upper	
266	100		
264	64.4	52.0	78.0
268	63.9	53.5	80.3

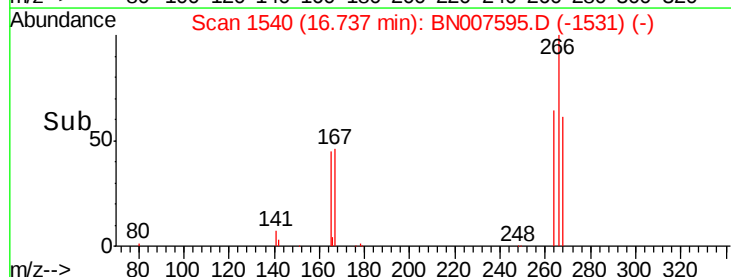
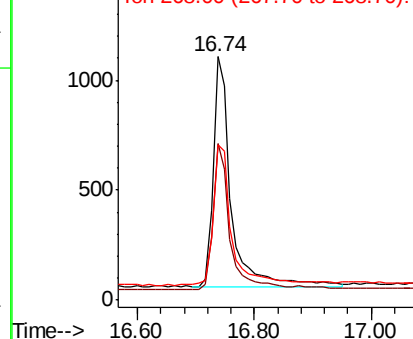


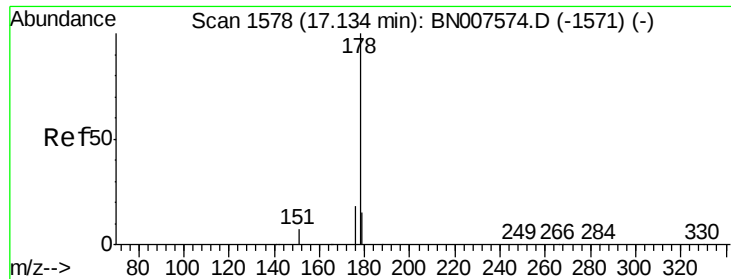
Abundance

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: 0.430 ng

RT: 17.13 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

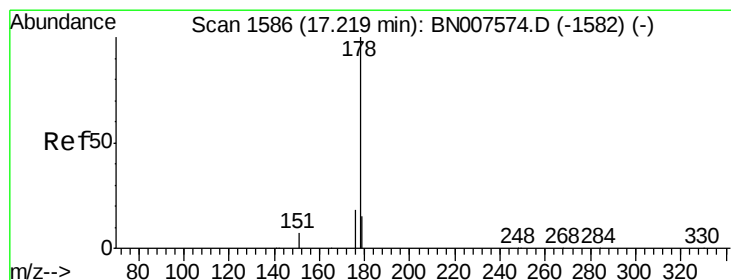
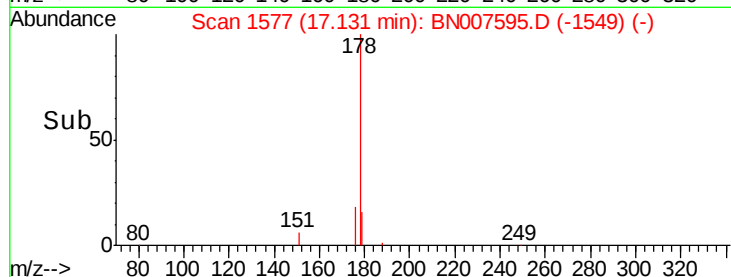
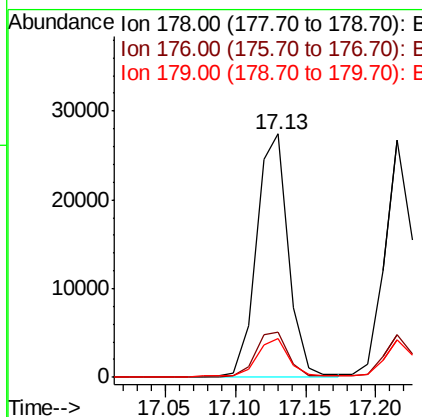
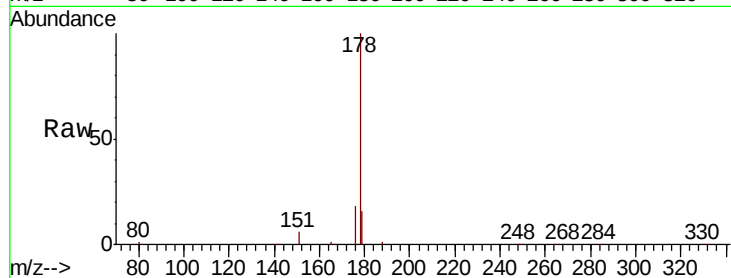
ClientSampleId :

PB122940BS

Tot Ion:	178	Resp:	42712
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.0	22.4
179	15.3	12.2	18.2

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#24

Anthracene

Concen: 0.418 ng

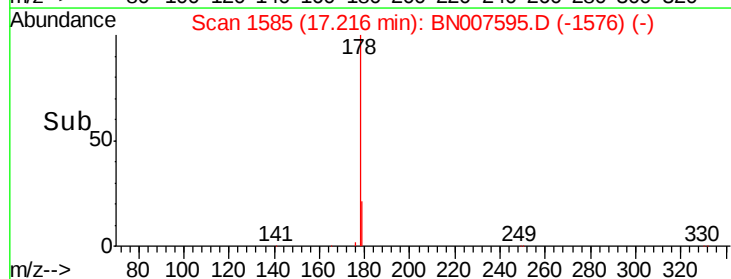
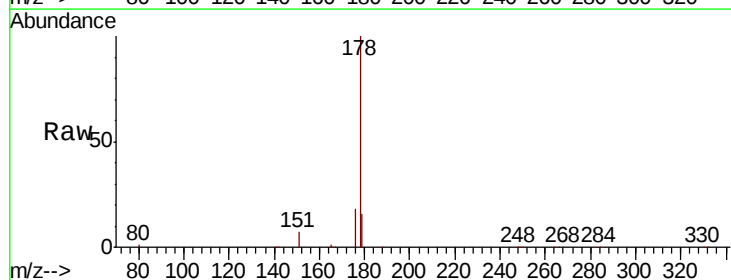
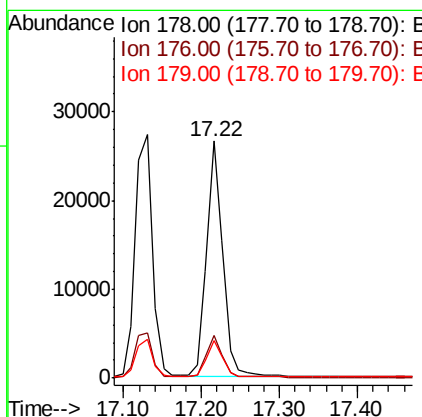
RT: 17.22 min Scan# 1585

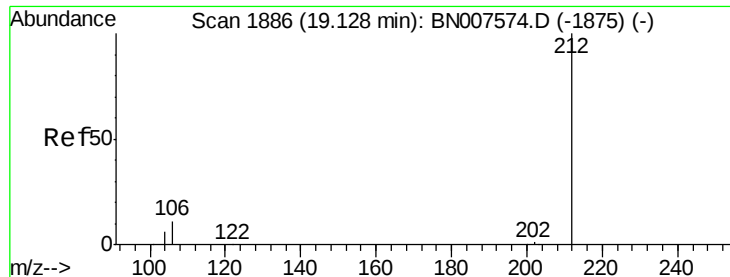
Delta R.T. -0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Tgt Ion:	178	Resp:	38313
Ion Ratio	Lower	Upper	
178	100		
176	18.1	14.4	21.6
179	15.3	12.5	18.7





#25

Fluoranthene-d10

Concen: 0.423 ng

RT: 19.12 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

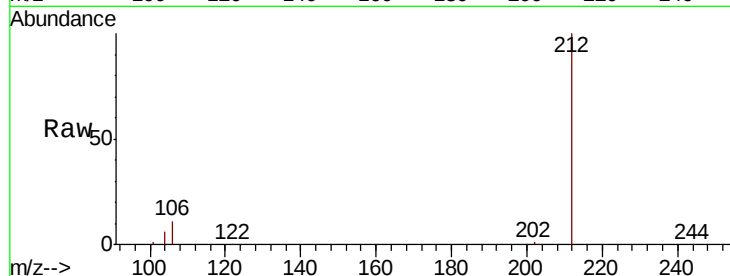
ClientSampleId :

PB122940BS

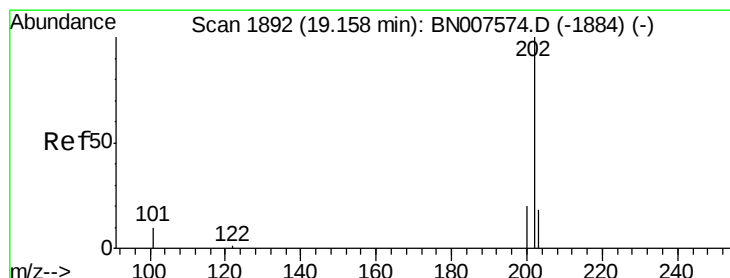
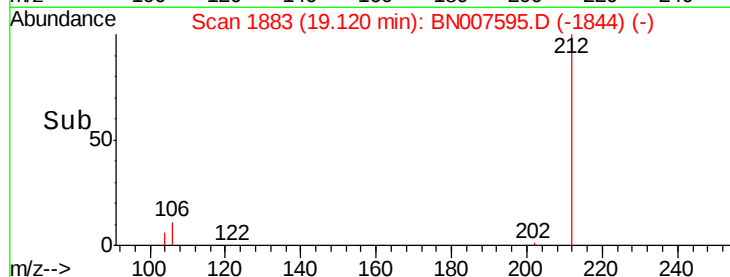
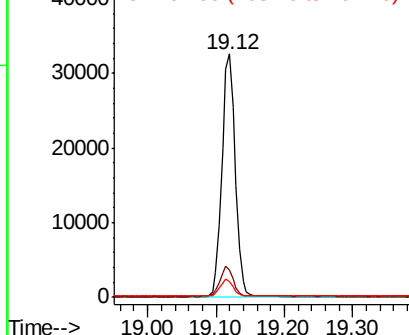
Tot Ion:	212	Resp:	44260
Ion Ratio	Lower	Upper	
212	100		
106	12.0	9.7	14.5
104	6.8	5.5	8.3

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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: 0.424 ng

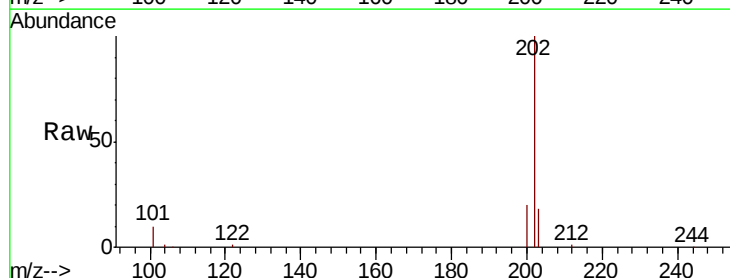
RT: 19.15 min Scan# 1889

Delta R.T. -0.01 min

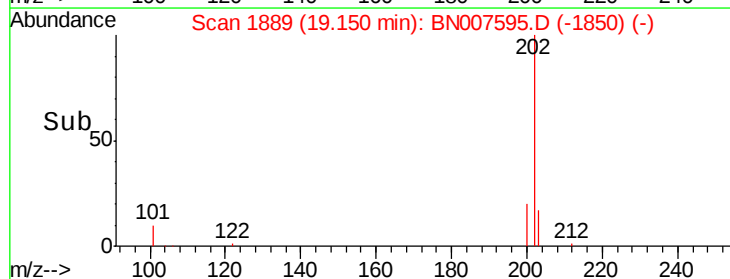
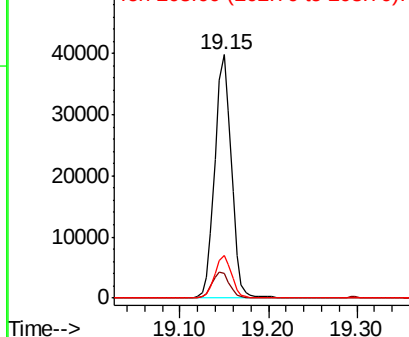
Lab File: BN007595.D

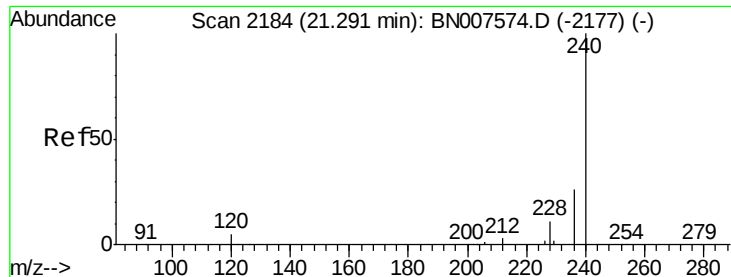
Acq: 11 Sep 2019 19:27

Tgt Ion:	202	Resp:	51115
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.8	13.2
203	17.2	13.8	20.8



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# 2181

Delta R.T. -0.02 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampleId :

PB122940BS

Tot Ion:240 Resp: 33808

Ion Ratio Lower Upper

240 100

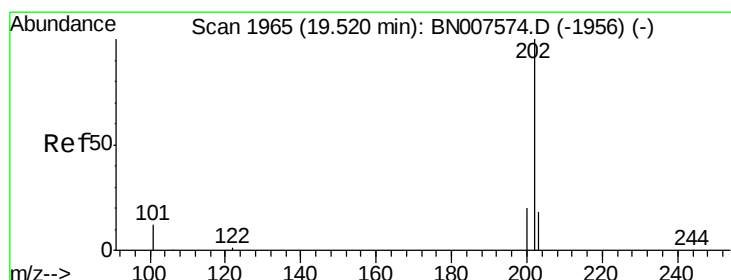
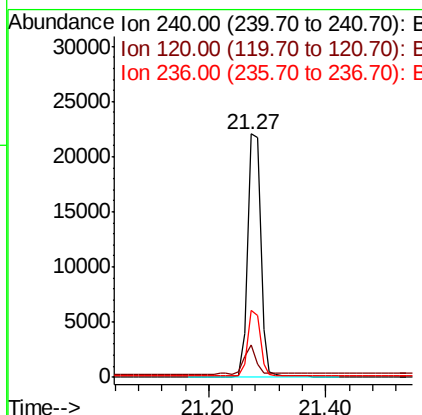
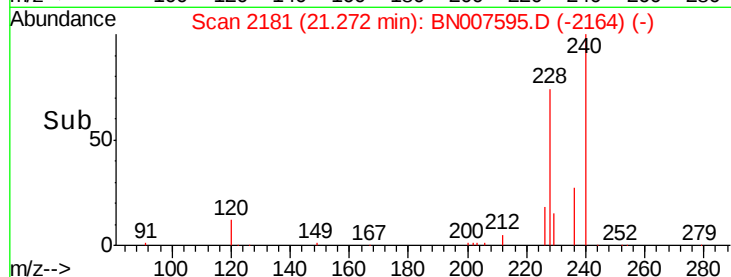
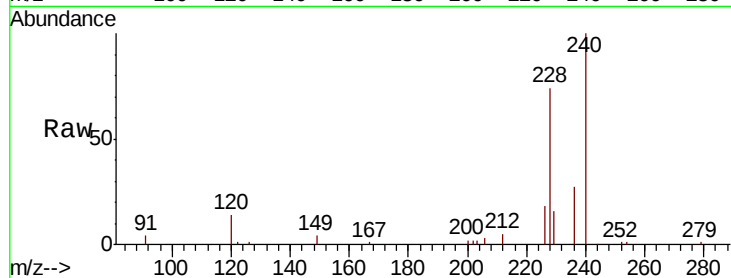
120 13.5 5.0 7.4#

236 27.3 20.6 31.0

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#28

Pyrene

Concen: 0.426 ng

RT: 19.51 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

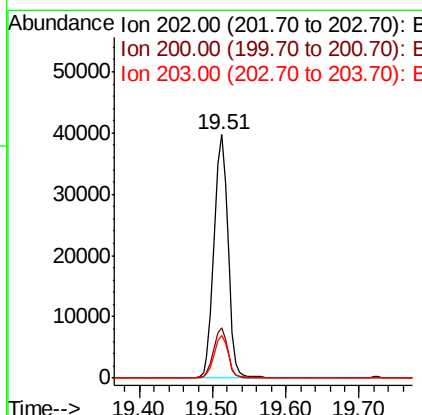
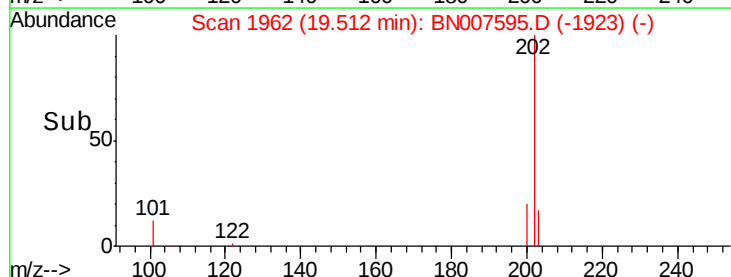
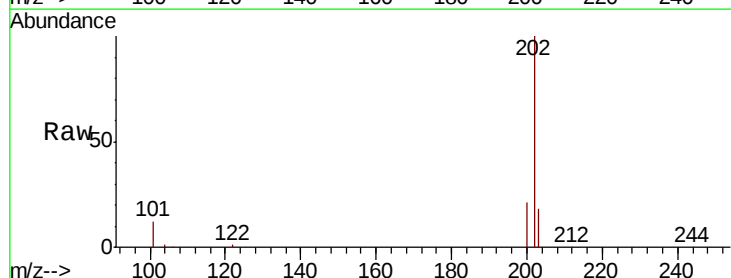
Tgt Ion:202 Resp: 51726

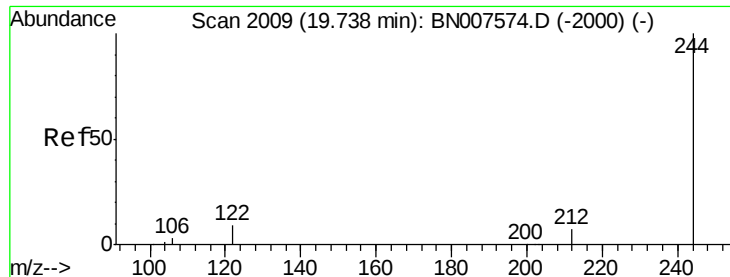
Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 0.423 ng

RT: 19.73 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

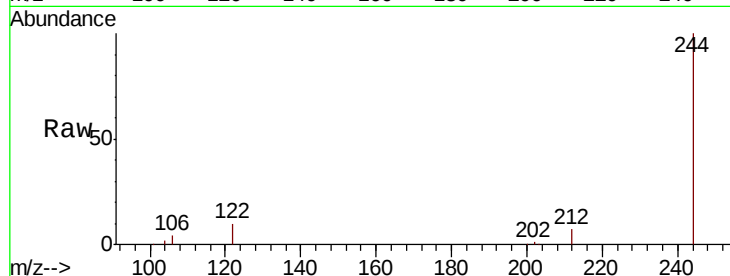
ClientSampleId :

PB122940BS

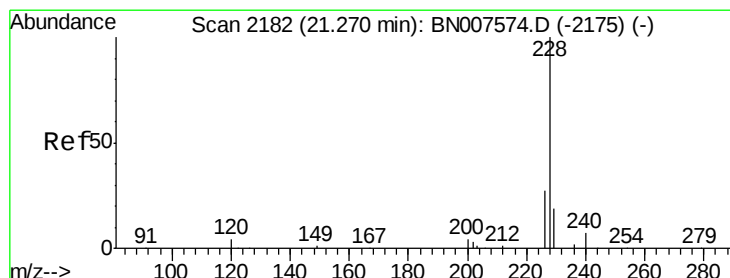
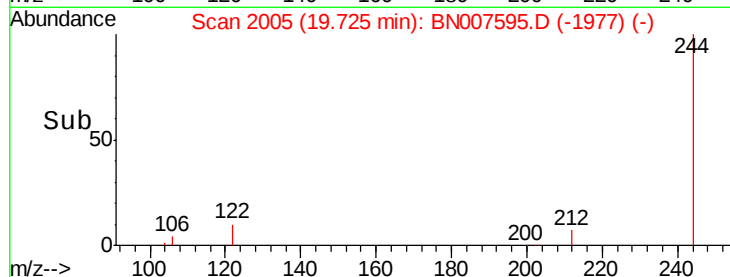
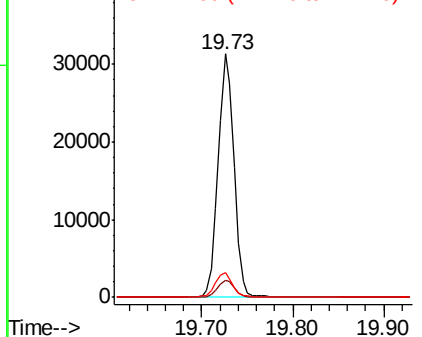
Tot Ion:	244	Resp:	37191
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.8
122	10.1	7.8	11.6

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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: 0.411 ng

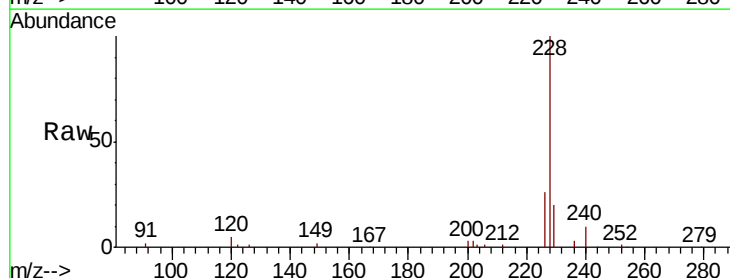
RT: 21.26 min Scan# 2180

Delta R.T. -0.01 min

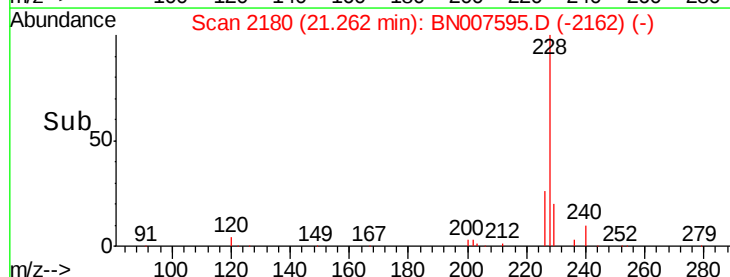
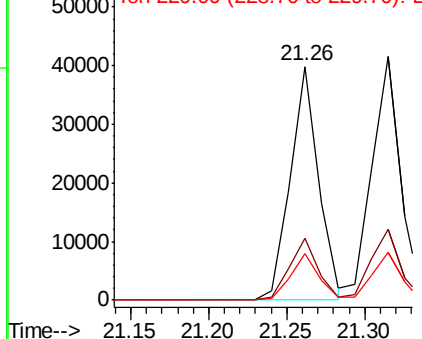
Lab File: BN007595.D

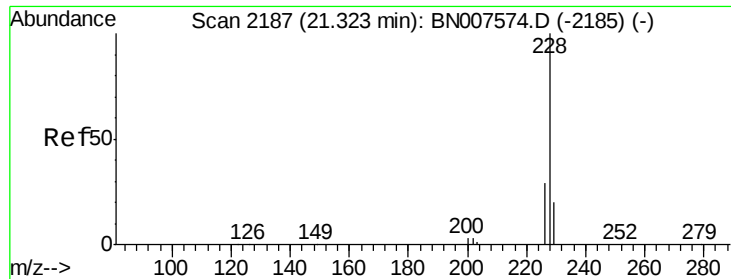
Acq: 11 Sep 2019 19:27

Tgt Ion:	228	Resp:	49664
Ion Ratio	Lower	Upper	
228	100		
226	26.5	21.6	32.4
229	19.7	15.7	23.5



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: 0.427 ng

RT: 21.31 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

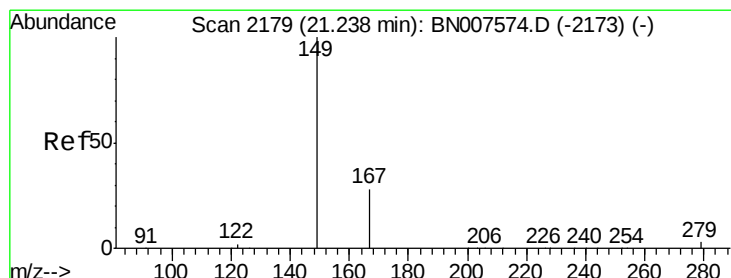
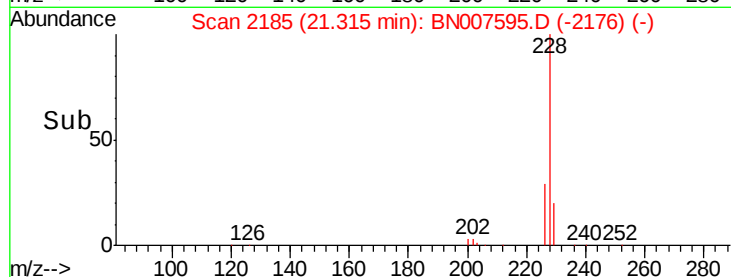
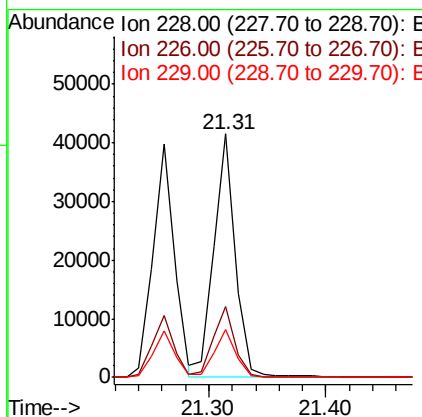
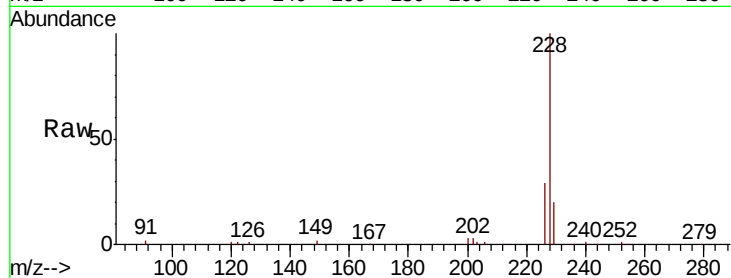
ClientSampleID :

PB122940BS

Tot Ion:	228	Resp:	52464
Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	19.8	15.7	23.5

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.465 ng

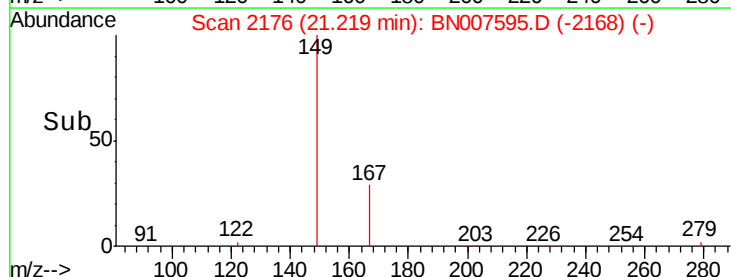
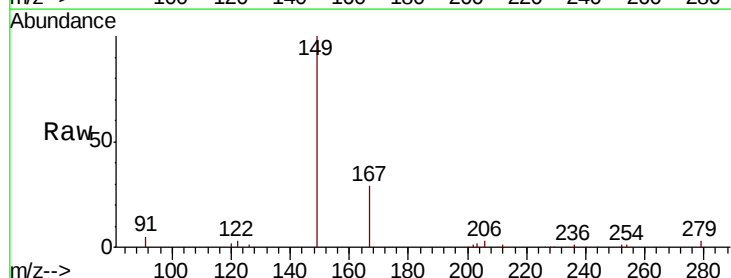
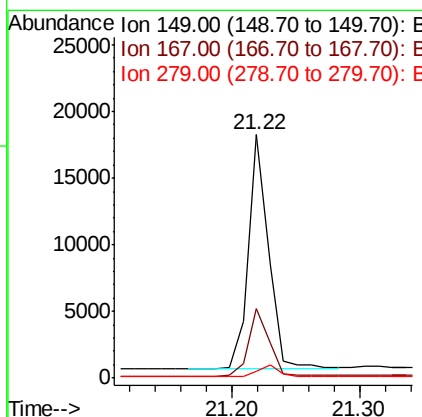
RT: 21.22 min Scan# 2176

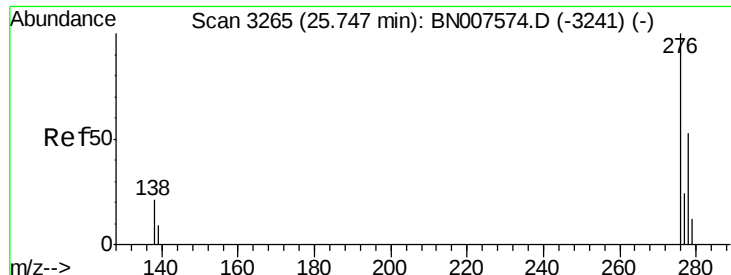
Delta R.T. -0.02 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Tgt Ion:	149	Resp:	19265
Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.1	33.1
279	4.8	3.9	5.9





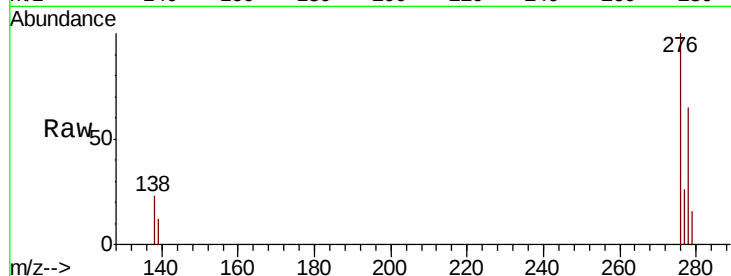
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng
RT: 25.73 min Scan# 3258
Delta R.T. -0.02 min
Lab File: BN007595.D
Acq: 11 Sep 2019 19:27

Instrument :
BNA_N
ClientSampleId :
PB122940BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	58622		
138	22.7	0.0	0.0	0.0
277	25.2	0.0	0.0	0.0

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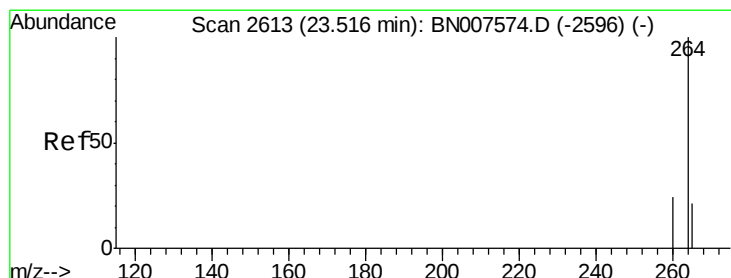
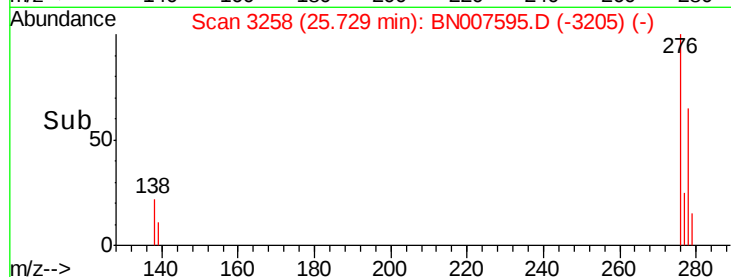
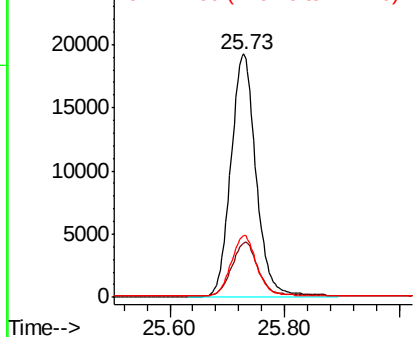


Abundance

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: 23.50 min Scan# 2607
Delta R.T. -0.02 min
Lab File: BN007595.D
Acq: 11 Sep 2019 19:27

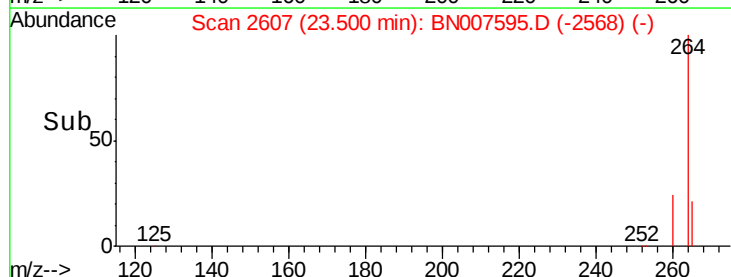
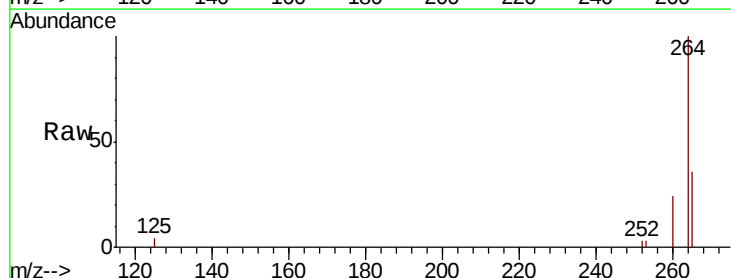
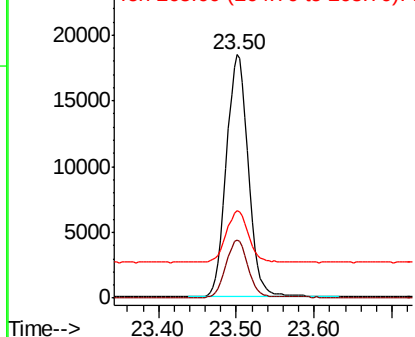
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	36136		
260	23.9	19.3	28.9	
265	35.9	25.6	38.4	

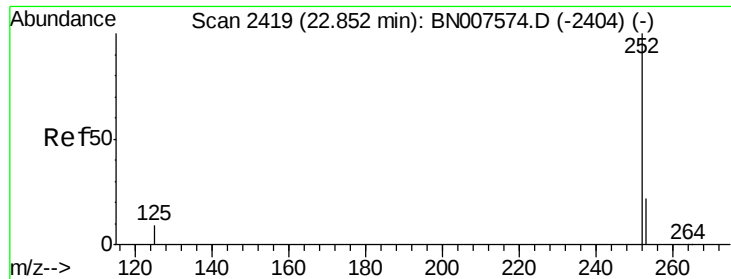
Abundance

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





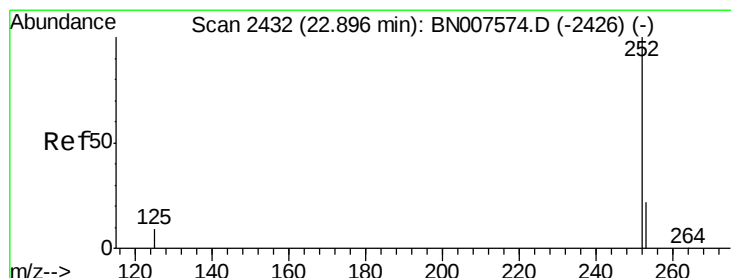
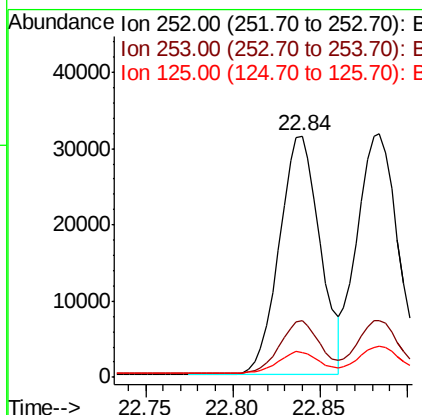
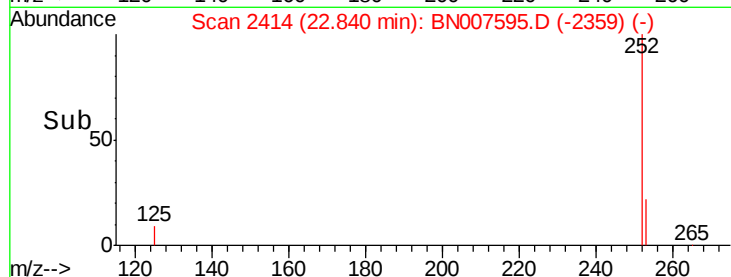
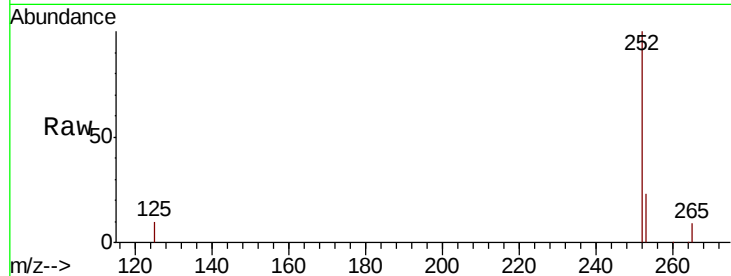
#35
Benzo(b)fluoranthene
Concen: 0.398 ng
RT: 22.84 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BN007595.D
Acq: 11 Sep 2019 19:27

Instrument :
BNA_N
ClientSampleId :
PB122940BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	10.3	8.2	12.2

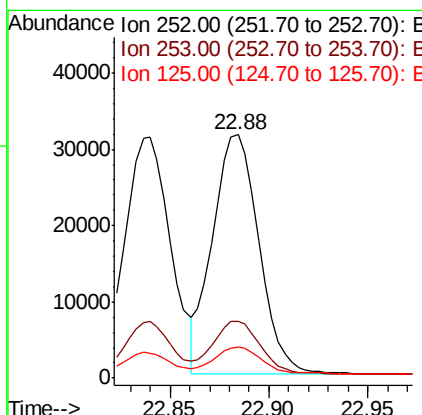
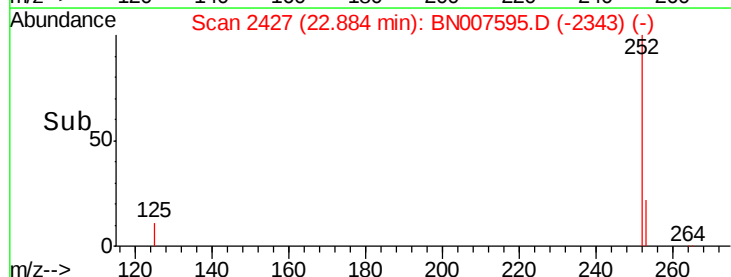
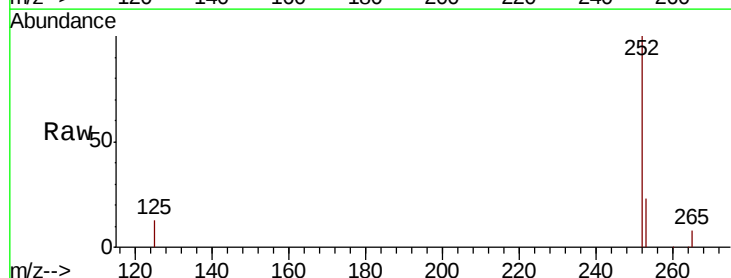
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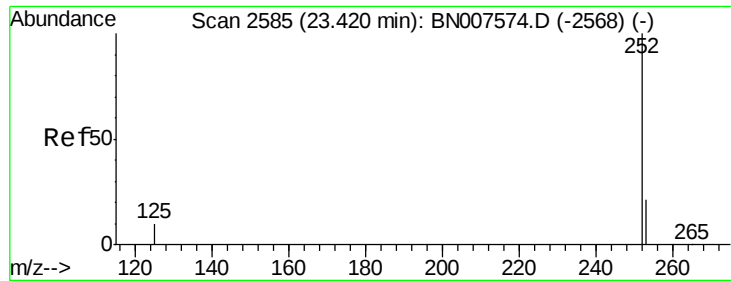
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#36
Benzo(k)fluoranthene
Concen: 0.405 ng m
RT: 22.88 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BN007595.D
Acq: 11 Sep 2019 19:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	12.9	8.2	12.2#





#37

Benzo(a)pyrene

Concen: 0.408 ng

RT: 23.40 min Scan# 2579

Delta R.T. -0.02 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

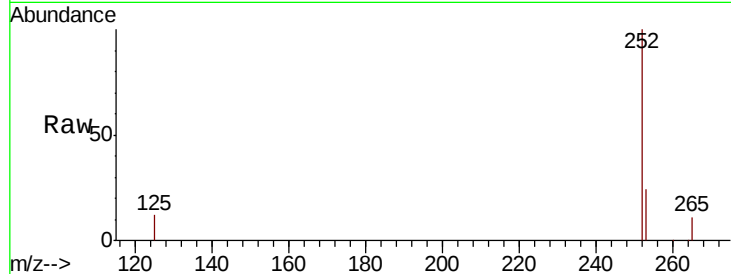
ClientSampleId :

PB122940BS

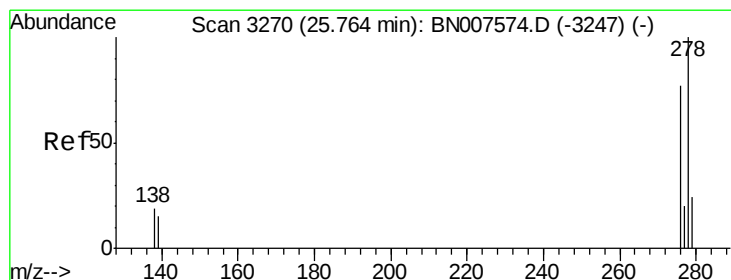
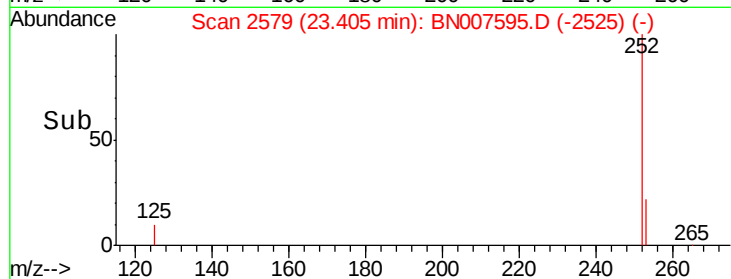
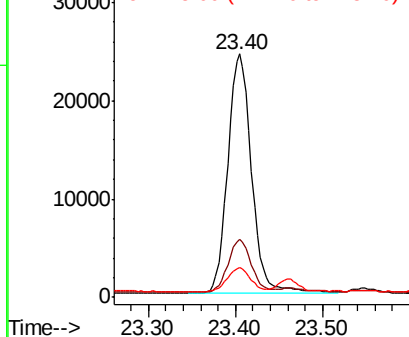
Tot Ion:	252	Resp:	46633
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.6	28.0
125	12.1	9.2	13.8

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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: 0.424 ng

RT: 25.74 min Scan# 3262

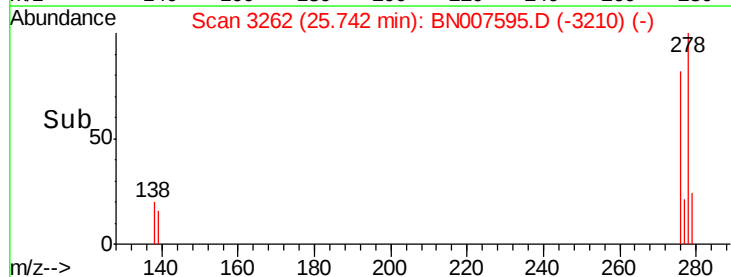
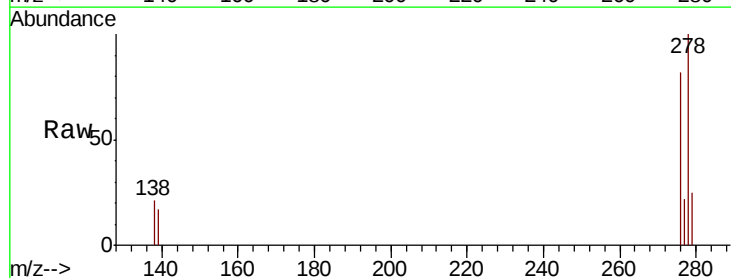
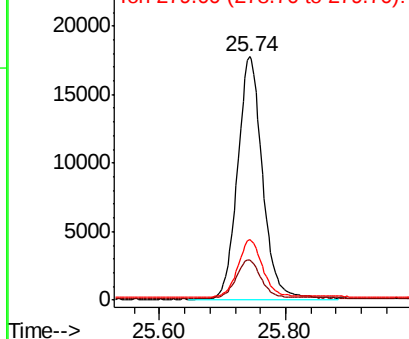
Delta R.T. -0.02 min

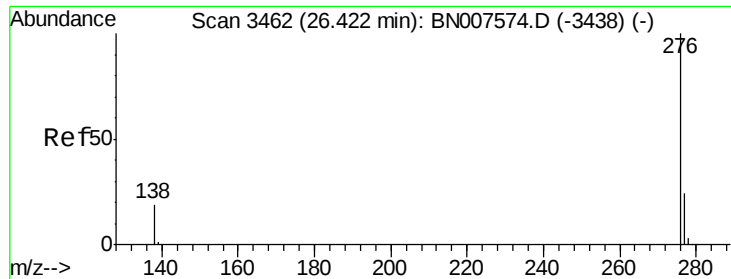
Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Tgt Ion:	278	Resp:	48581
Ion Ratio	Lower	Upper	
278	100		
139	16.6	12.5	18.7
279	24.8	20.2	30.2

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: 0.409 ng

RT: 26.40 min Scan# 3454

Delta R.T. -0.02 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampleId :

PB122940BS

Tot Ion:	276	Resp:	47486
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.7	29.5
138	20.0	15.9	23.9

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