

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\
 Data File : BN007555.D
 Acq On : 06 Sep 2019 23:12
 Operator : HP/JU
 Sample : K4722-16MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW-200-B4-47.0-52.0-090519MS

Manual Integrations
 APPROVED

mohammad
 9/12/2019 9:25:54 AM

Quant Time: Sep 09 10:51:51 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 29 12:18:45 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	5466	0.40	ng	-0.02
7) Naphthalene-d8	10.14	136	21812	0.40	ng	-0.03
13) Acenaphthene-d10	14.03	164	11569	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	25039	0.40	ng	-0.01
27) Chrysene-d12	21.01	240	24369	0.40	ng	-0.01
34) Perylene-d12	23.11	264	26905	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.02	112	3060	0.14	ng	-0.02
5) Phenol-d6	6.58	99	2517	0.08	ng	0.00
8) Nitrobenzene-d5	8.53	82	5788	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	14494m	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.54	330	2135	0.35	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	19718	0.42	ng	-0.01
25) Fluoranthene-d10	18.83	212	27159	0.34	ng	-0.01
29) Terphenyl-d14	19.45	244	34344	0.54	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.00	88	2601	0.286	ng	# 94
3) n-Nitrosodimethylamine	3.33	42	603	0.143	ng	# 76
6) bis(2-Chloroethyl)ether	6.83	93	6646	0.337	ng	97
9) Naphthalene	10.19	128	23681	0.380	ng	# 90
10) Hexachlorobutadiene	10.49	225	3586	0.281	ng	# 99
12) 2-Methylnaphthalene	11.82	142	17592	0.414	ng	94
16) Acenaphthylene	13.75	152	20544	0.300	ng	99
17) Acenaphthene	14.10	154	13622	0.340	ng	97
18) Fluorene	15.09	166	17502	0.346	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	844	0.085	ng	92
21) Hexachlorobenzene	16.11	284	5603	0.334	ng	97
22) Pentachlorophenol	16.45	266	2591	0.497	ng	# 64
23) Phenanthrene	16.83	178	30982	0.411	ng	99
24) Anthracene	16.92	178	24971	0.330	ng	99
26) Fluoranthene	18.86	202	33644	0.348	ng	# 98
28) Pyrene	19.23	202	34544	0.352	ng	99
30) Benzo(a)anthracene	21.00	228	29679	0.310	ng	98
31) Chrysene	21.04	228	31195	0.338	ng	98
32) Bis(2-ethylhexyl)phthalate	20.95	149	17574	0.265	ng	99
33) Indeno(1,2,3-cd)pyrene	25.16	276	30219	0.272	ng	96
35) Benzo(b)fluoranthene	22.49	252	30140	0.309	ng	97
36) Benzo(k)fluoranthene	22.53	252	32194	0.334	ng	98
37) Benzo(a)pyrene	23.02	252	28753	0.310	ng	98
38) Dibenzo(a,h)anthracene	25.17	278	25037	0.270	ng	99
39) Benzo(g,h,i)perylene	25.79	276	26177	0.284	ng	98

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

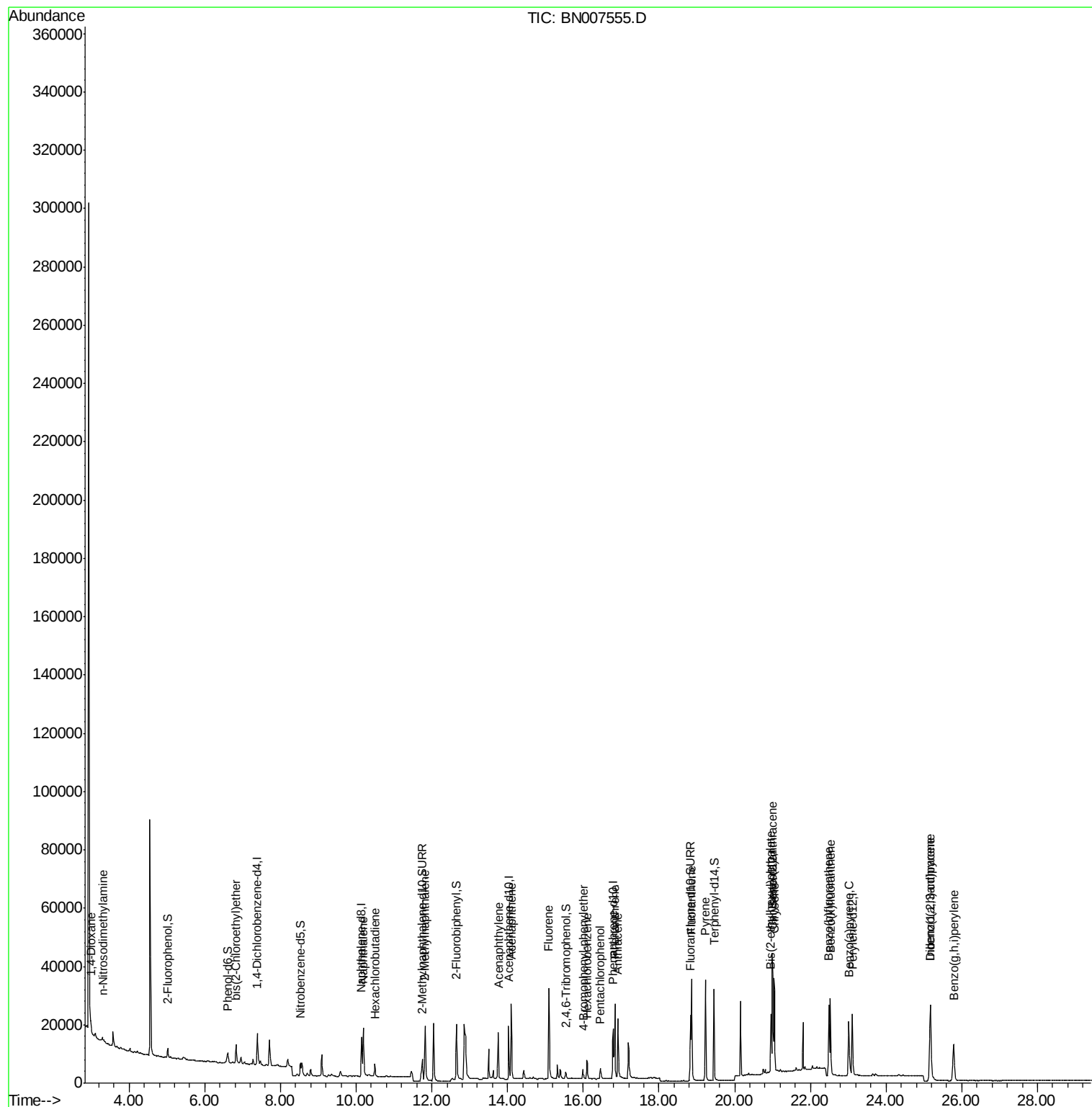
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\
Data File : BN007555.D
Acq On : 06 Sep 2019 23:12
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Sample : K4722-16MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

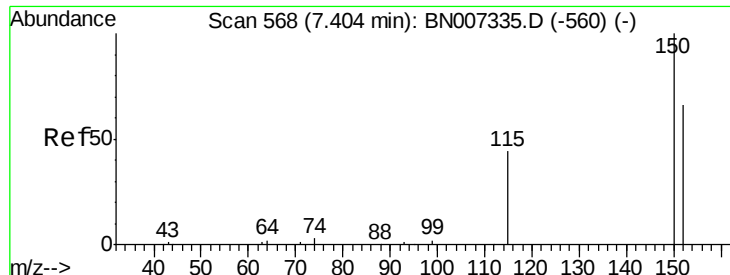
Instrument :
BNA_N
ClientSampleID :
GW-200-B4-47.0-52.0-090519MS

Manual Integrations
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9/12/2019 9:25:54 AM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

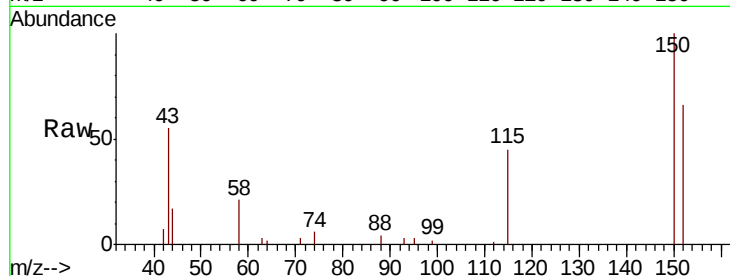
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Instrument :
BNA_N
ClientSampleId :
GW-200-B4-47.0-52.0-090519MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	109.1	163.7
115	68.6	59.6	89.4

Manual Integrations
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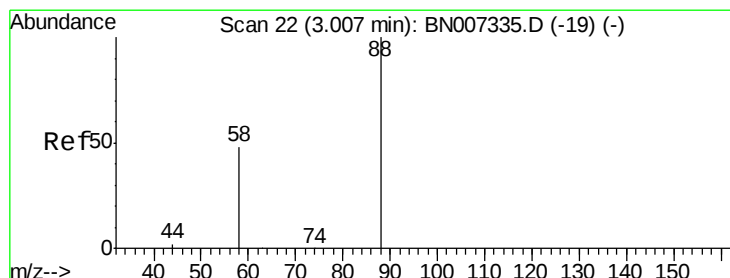
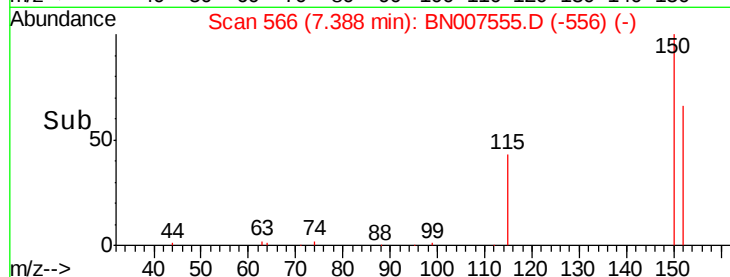
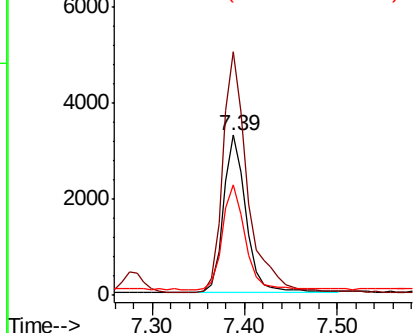


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

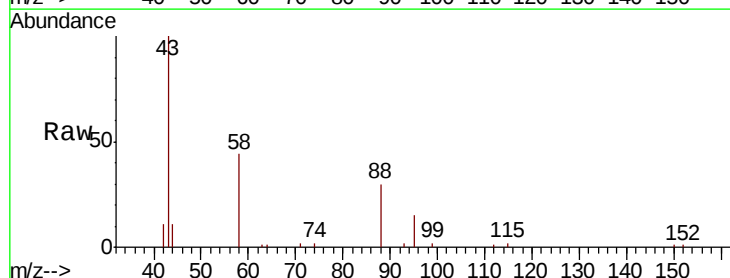
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.286 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	50.5	75.7
43	0.0	0.0	0.0

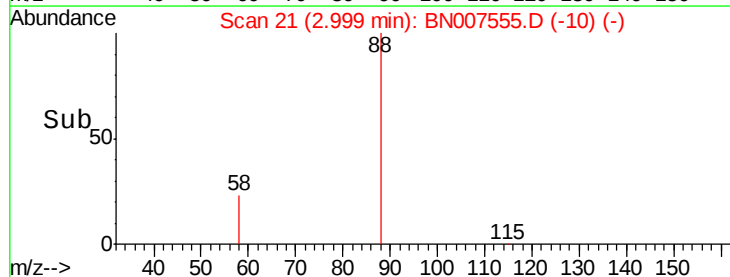
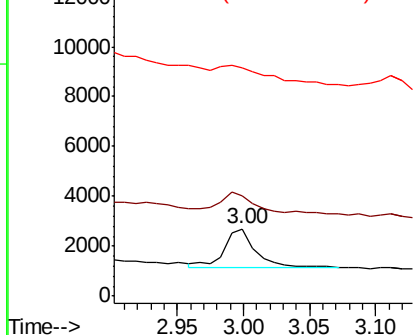


Abundance

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

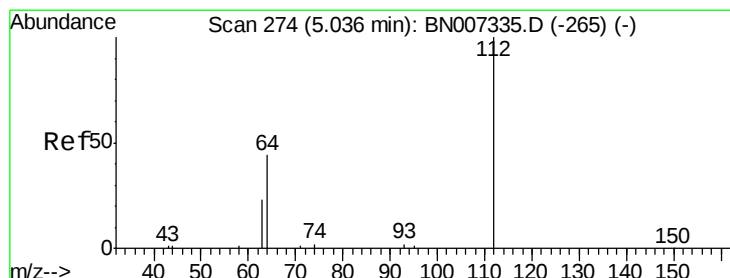
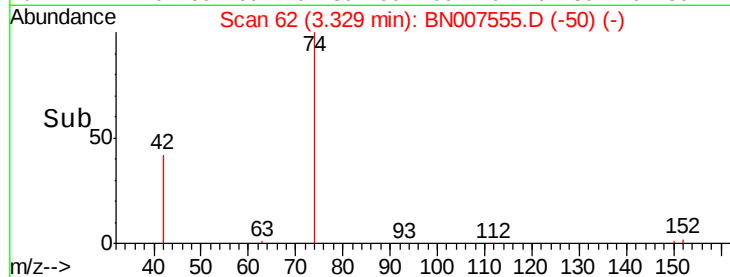
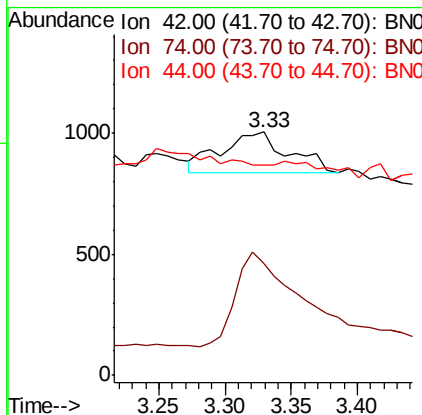
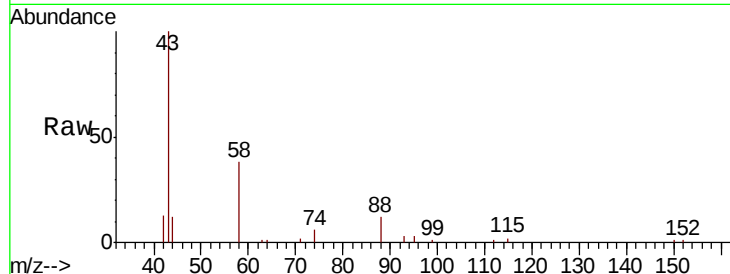
n-Nitrosodimethylamine
 Concen: 0.143 ng
 RT: 3.33 min Scan# 62
 Delta R.T. -0.00 min
 Lab File: BN007555.D
 Acq: 06 Sep 2019 23:12

Instrument :
 BNA_N
 ClientSampleId :
 GW-200-B4-47.0-52.0-090519MS

Tot Ion	Ratio	Lower	Upper
42	100		
74	215.6	144.7	217.1
44	0.0	3.2	4.8#

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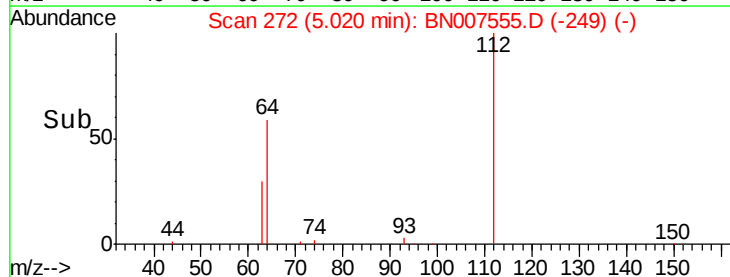
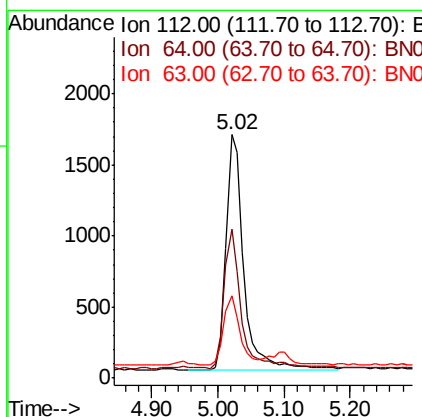
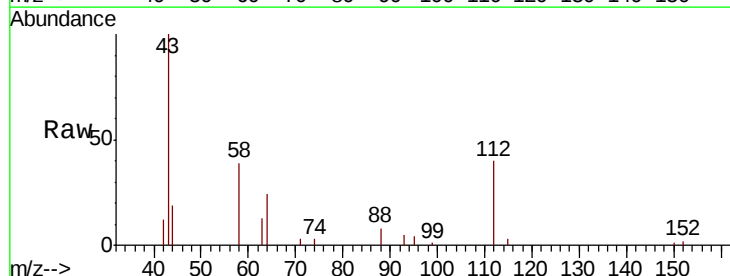
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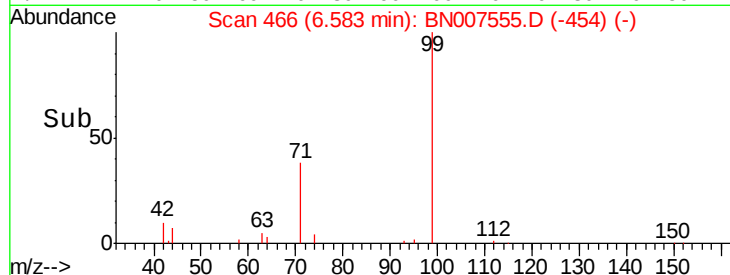
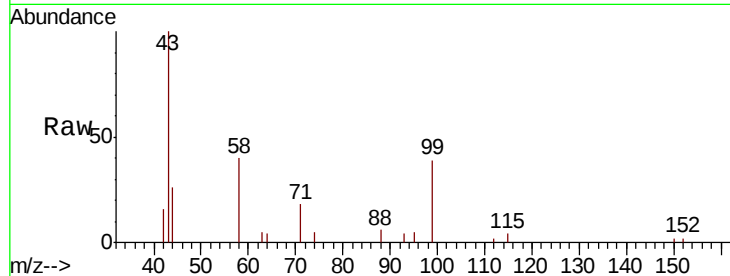
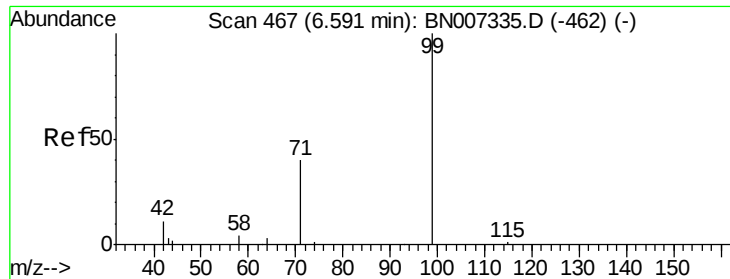


#4

2-Fluorophenol
 Concen: 0.143 ng
 RT: 5.02 min Scan# 272
 Delta R.T. -0.02 min
 Lab File: BN007555.D
 Acq: 06 Sep 2019 23:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	42.3	63.5
63	26.7	23.6	35.4





#5

Phenol-d6

Concen: 0.080 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Tot Ion:	99	Resp:	2517
Ion	Ratio	Lower	Upper
99	100		
42	16.3	11.2	16.8
71	35.1	31.8	47.8

Instrument :

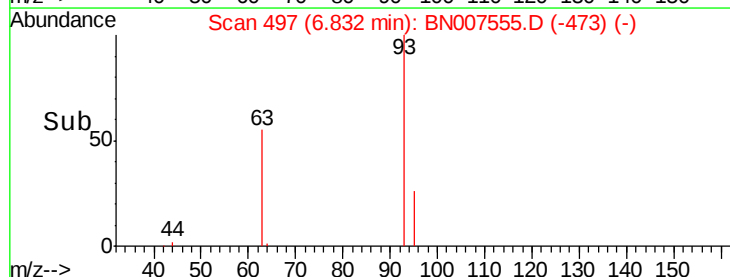
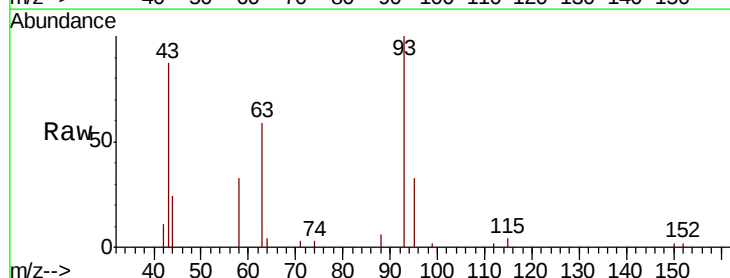
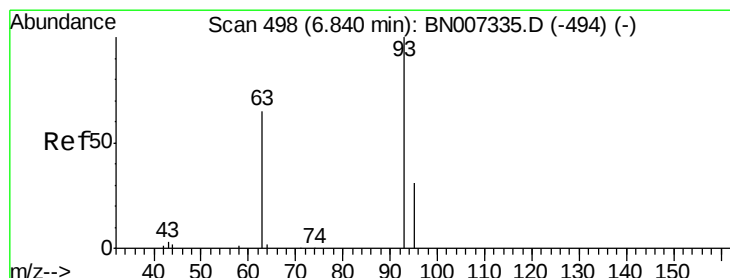
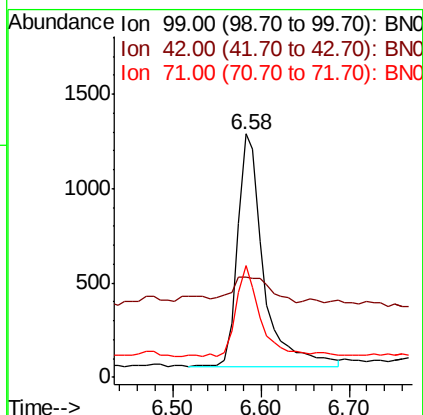
BNA_N

ClientSampleId :

GW-200-B4-47.0-52.0-090519MS

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#6

bis(2-Chloroethyl)ether

Concen: 0.337 ng

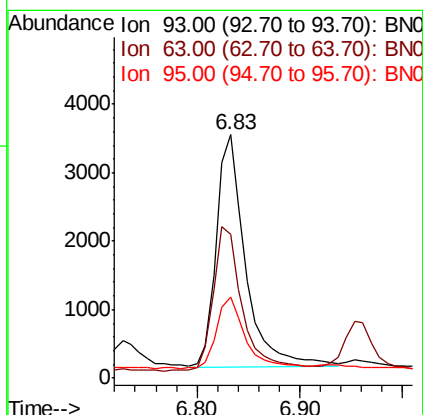
RT: 6.83 min Scan# 497

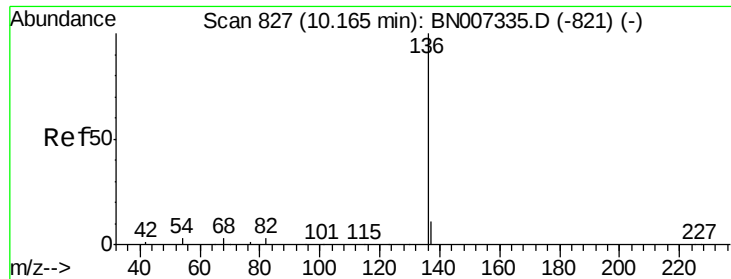
Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Tgt Ion:	93	Resp:	6646
Ion	Ratio	Lower	Upper
93	100		
63	63.5	51.9	77.9
95	30.8	27.7	41.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

Delta R.T. -0.03 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

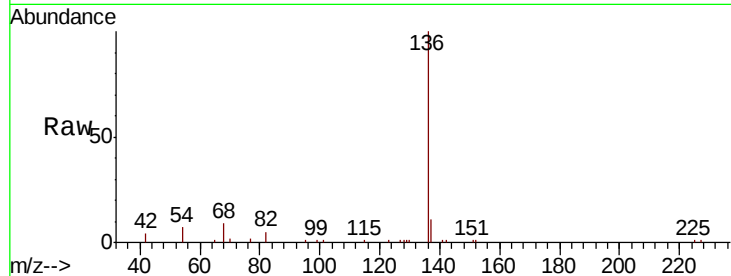
ClientSampleId :

GW-200-B4-47.0-52.0-090519MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	12.9	19.3#
54	6.6	8.6	12.8#
68	8.6	17.0	25.4#

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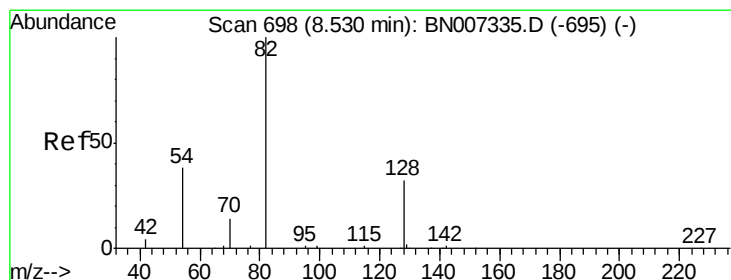
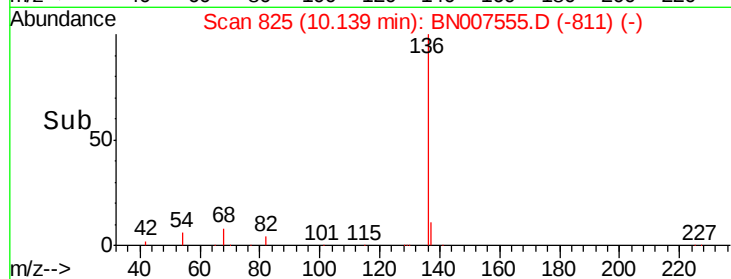
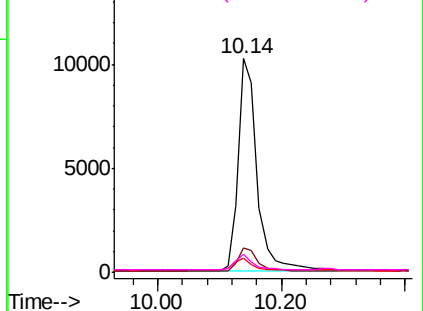
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.305 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

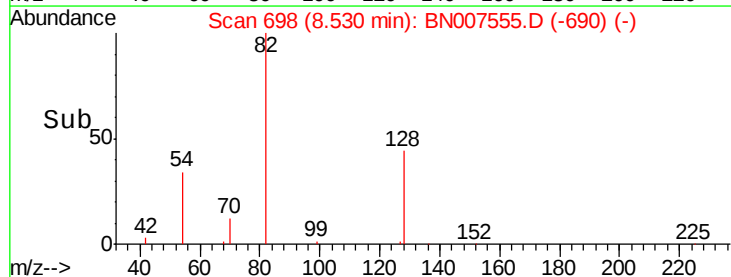
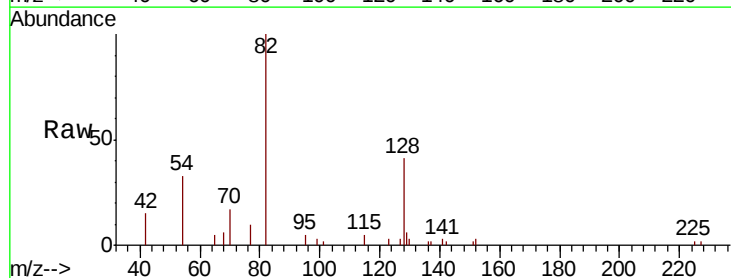
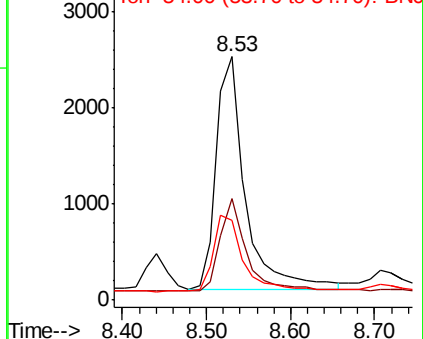
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	19.7	29.5#
54	33.0	25.8	38.6

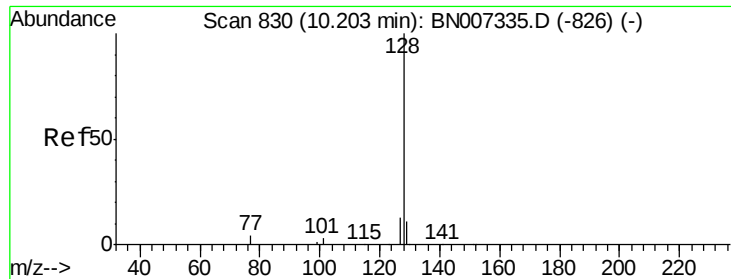
Abundance

Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.380 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

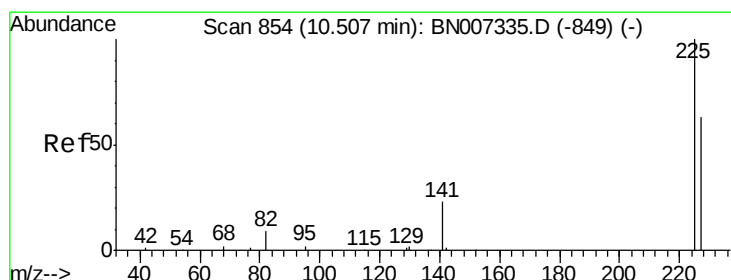
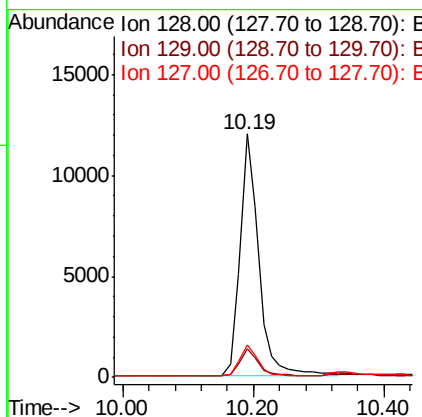
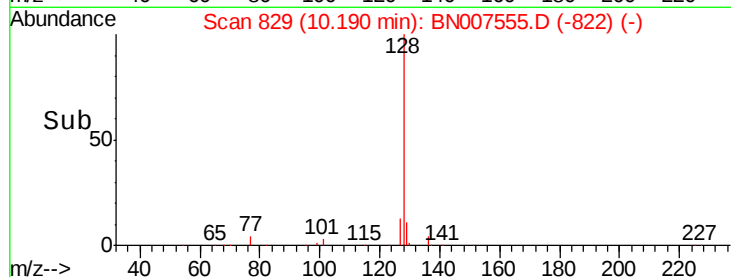
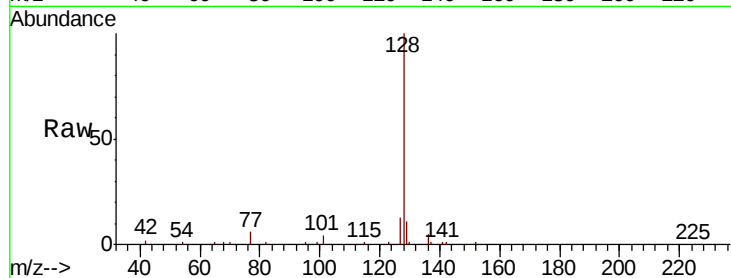
ClientSampleId :

GW-200-B4-47.0-52.0-090519MS

Tot Ion:	128	Resp:	23681
Ion Ratio	Lower	Upper	
128	100		
129	11.5	11.1	16.7
127	13.4	15.5	23.3#

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#10

Hexachlorobutadiene

Concen: 0.281 ng

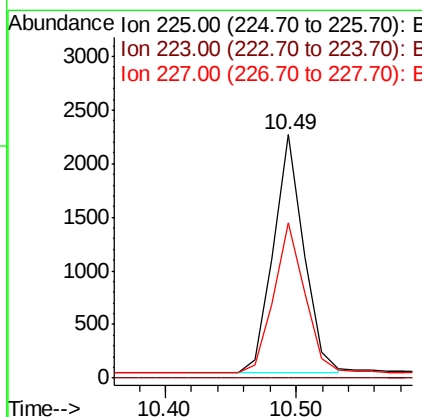
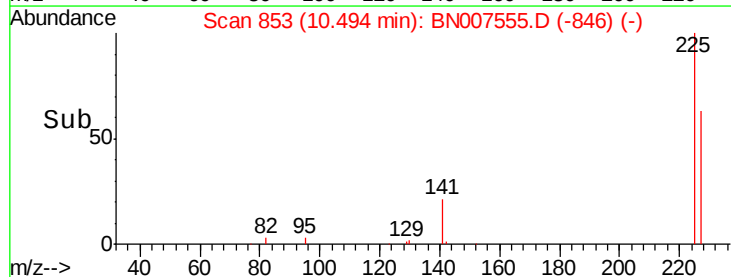
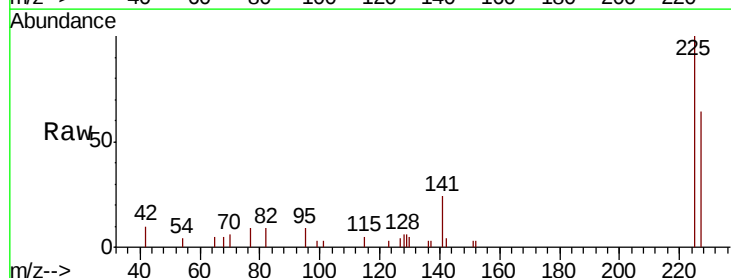
RT: 10.49 min Scan# 853

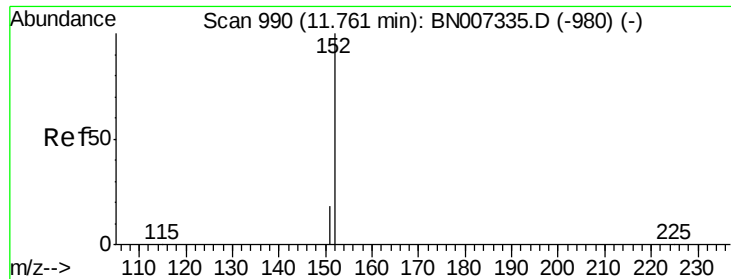
Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Tgt Ion:	225	Resp:	3586
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.1	50.7	76.1





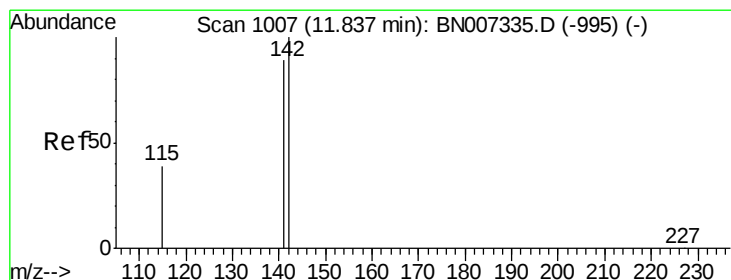
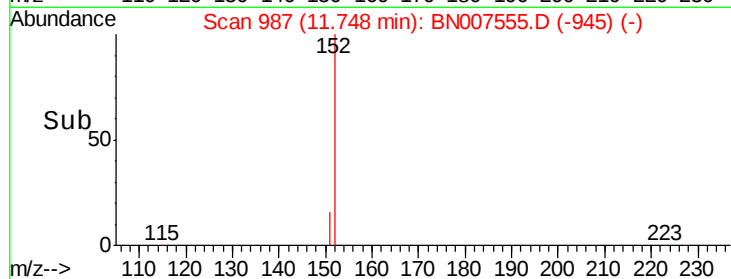
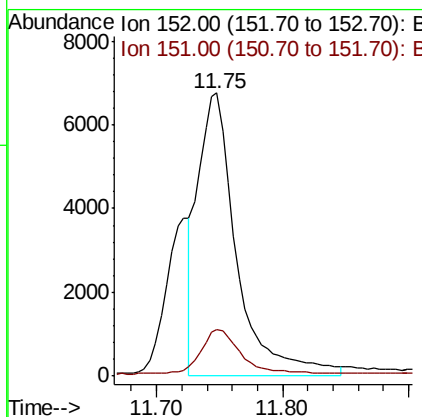
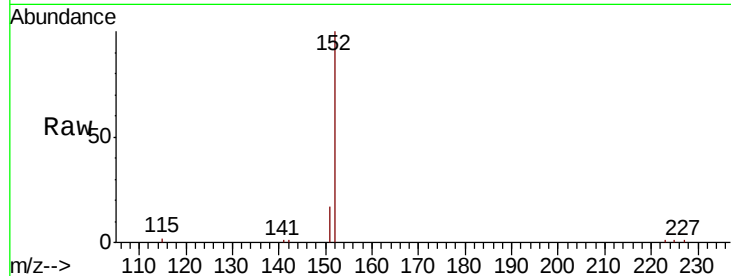
#11
2-Methylnaphthalene-d10
Concen: 0.400 ng m
RT: 11.75 min Scan# 987
Delta R.T. -0.01 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Instrument :
BNA_N
ClientSampleId :
GW-200-B4-47.0-52.0-090519MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	16.1	16.2	24.2#

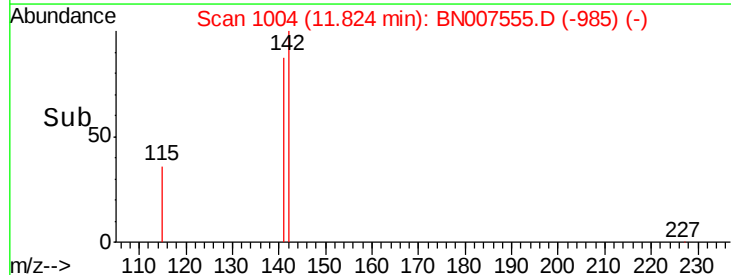
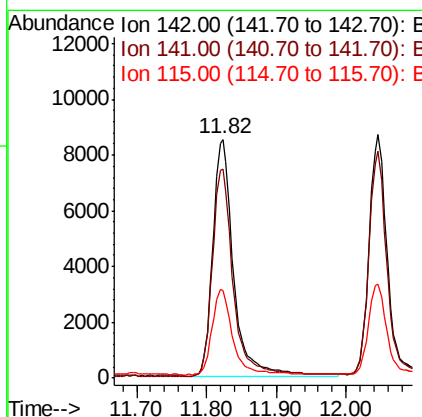
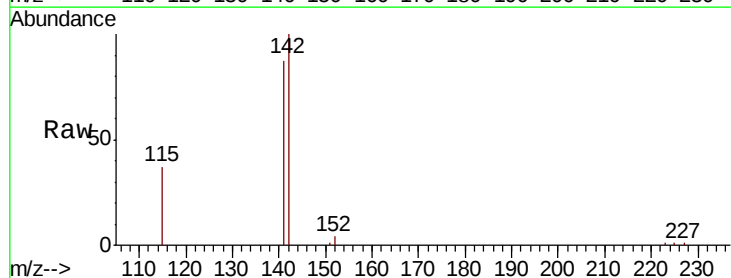
Manual Integrations
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#12
2-Methylnaphthalene
Concen: 0.414 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.8	109.2
115	36.7	35.2	52.8





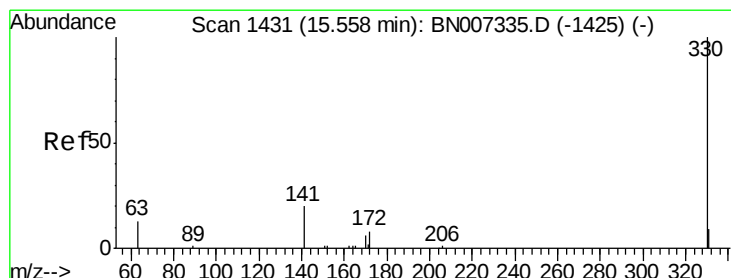
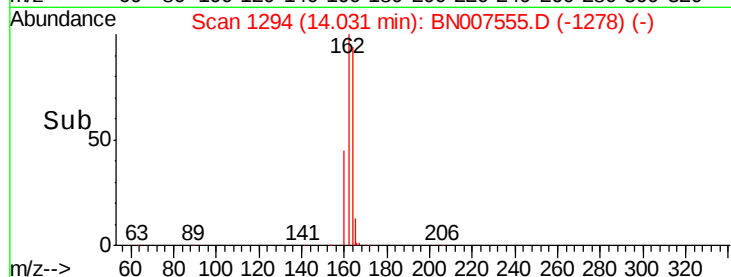
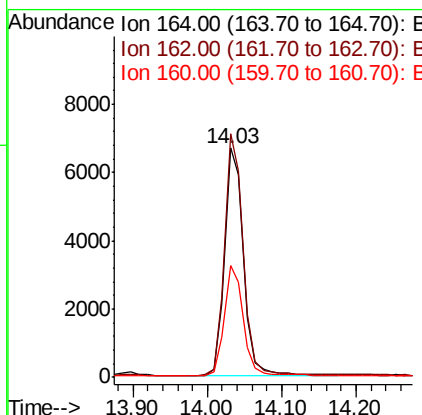
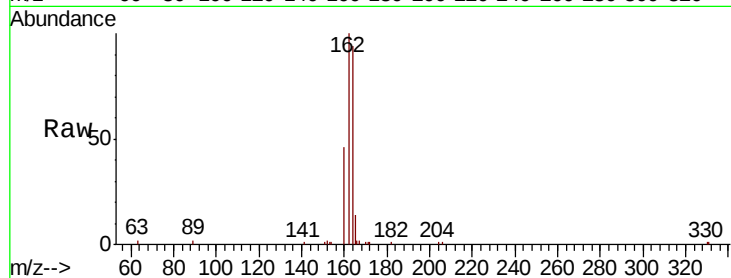
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Instrument :
BNA_N
ClientSampleId :
GW-200-B4-47.0-52.0-090519MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.5	125.3
160	48.6	38.2	57.4

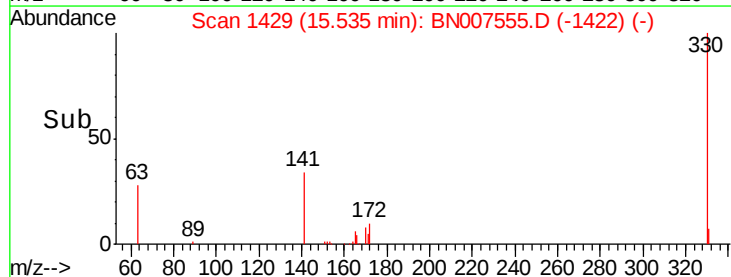
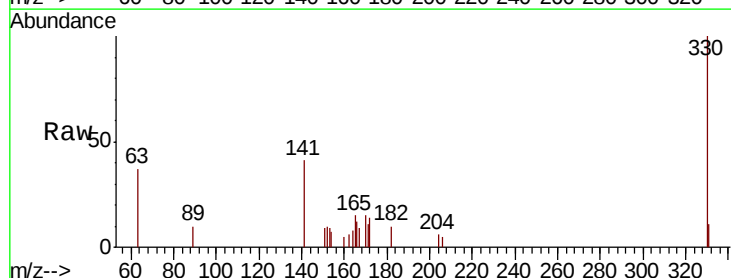
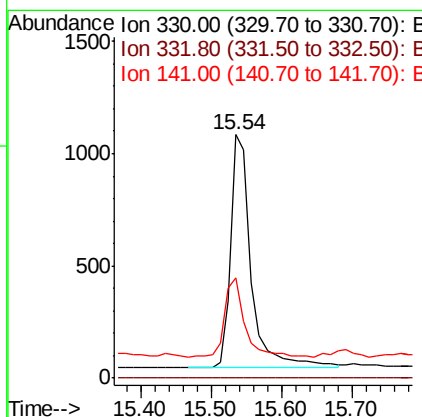
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#14
2,4,6-Tribromophenol
Concen: 0.353 ng
RT: 15.54 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.1	26.9	40.3





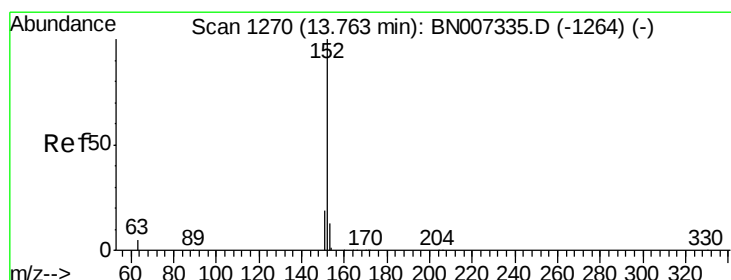
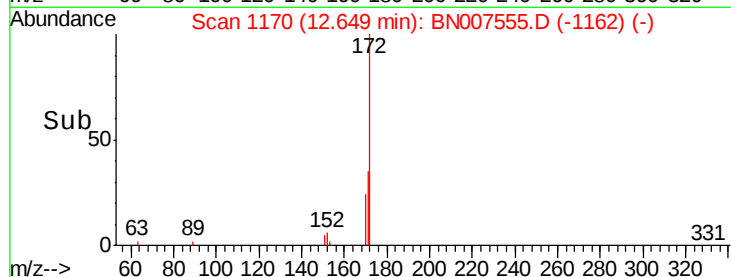
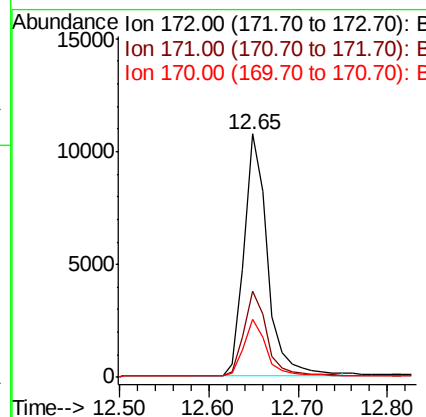
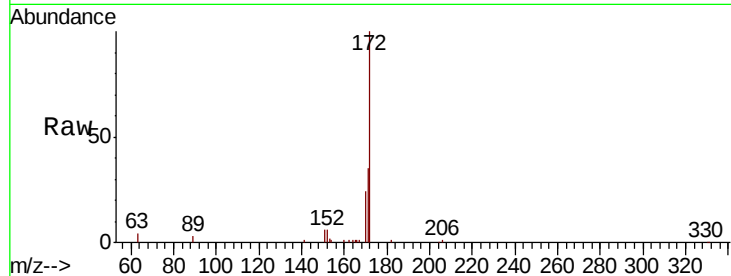
#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 12.65 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Instrument :
BNA_N
ClientSampleId :
GW-200-B4-47.0-52.0-090519MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.3	45.5
170	24.0	20.7	31.1

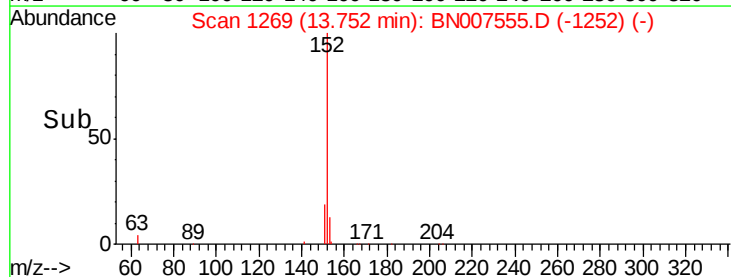
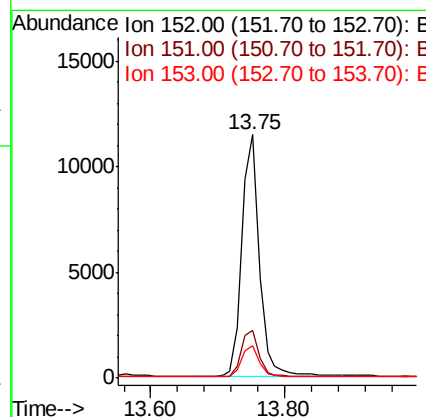
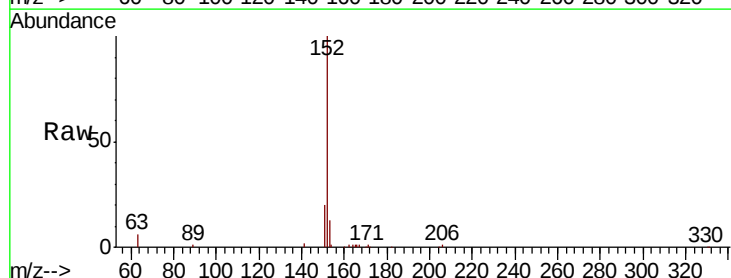
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#16
Acenaphthylene
Concen: 0.300 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	12.9	10.6	15.8





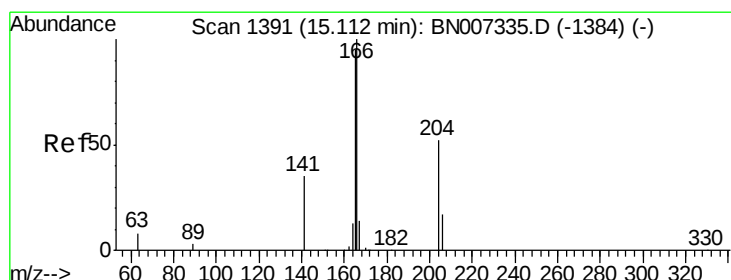
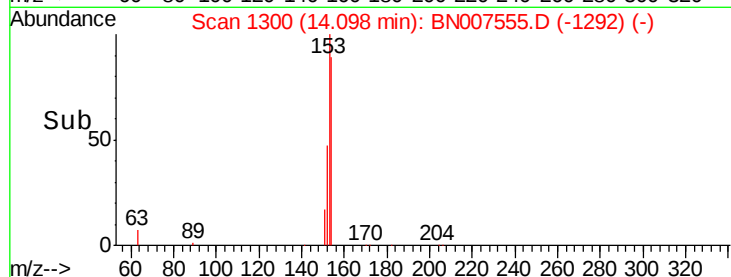
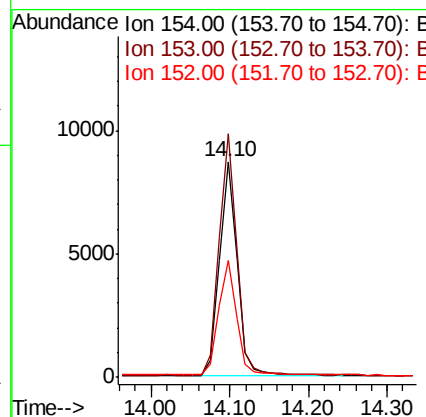
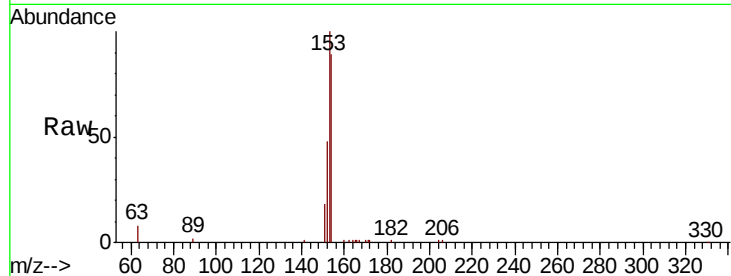
#17
Acenaphthene
Concen: 0.340 ng
RT: 14.10 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Instrument :
BNA_N
ClientSampleId :
GW-200-B4-47.0-52.0-090519MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.6	92.8	139.2
152	53.6	43.8	65.8

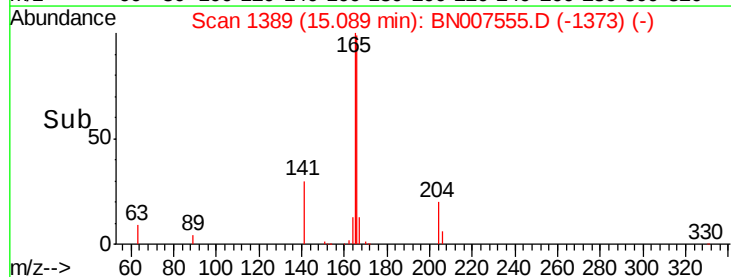
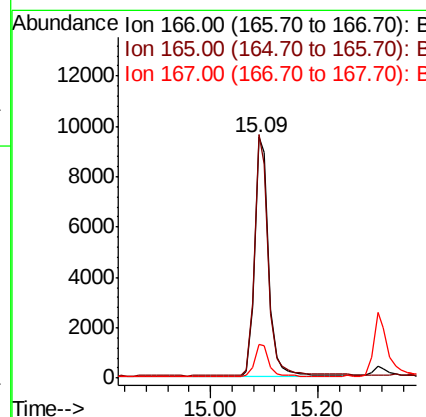
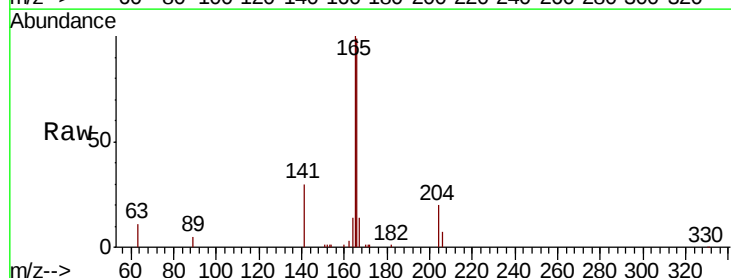
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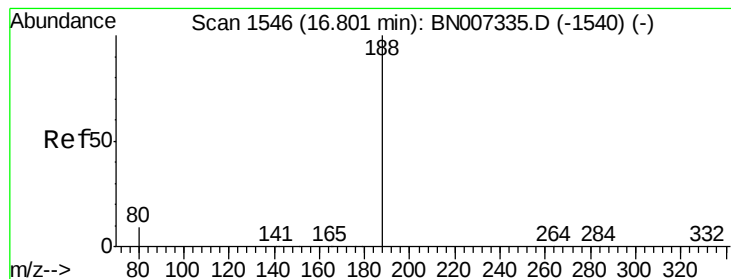
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#18
Fluorene
Concen: 0.346 ng
RT: 15.09 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.0	118.4
167	13.5	10.6	15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

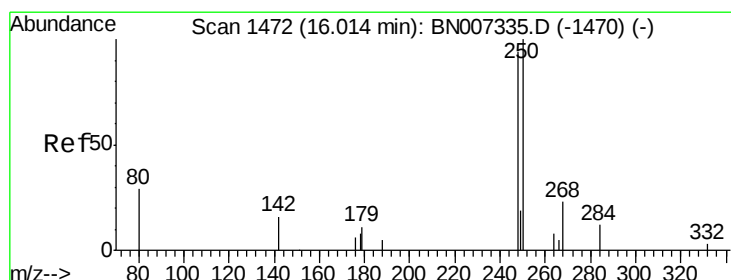
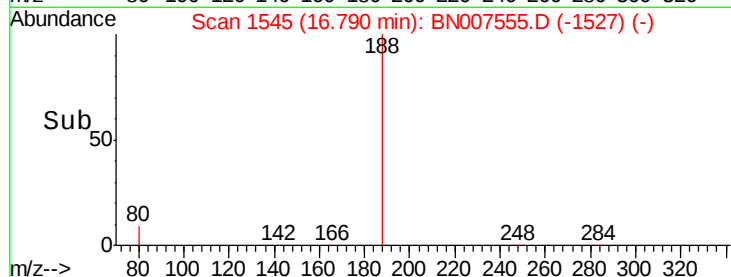
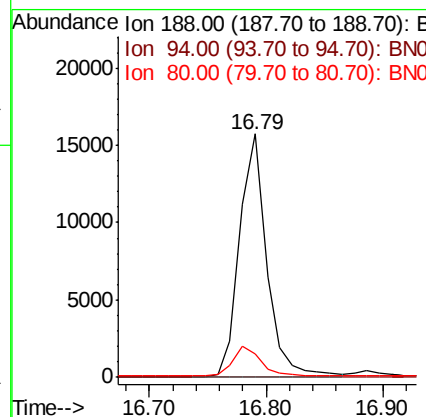
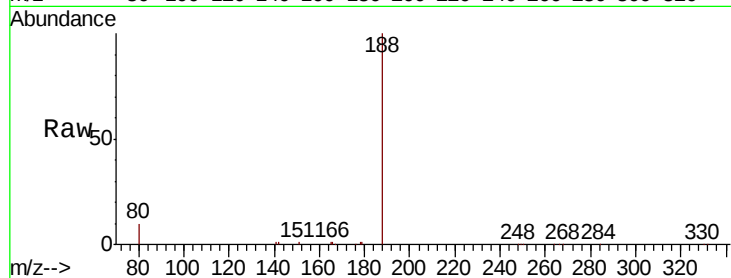
ClientSampleId :

GW-200-B4-47.0-52.0-090519MS

Tot Ion:	188	Resp:	25039
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.6	11.8	17.8#

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#20

4-Bromophenyl-phenylether

Concen: 0.085 ng

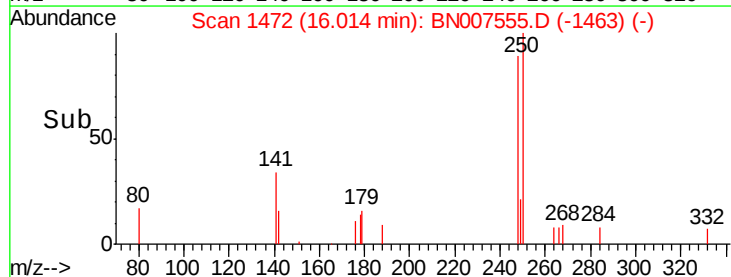
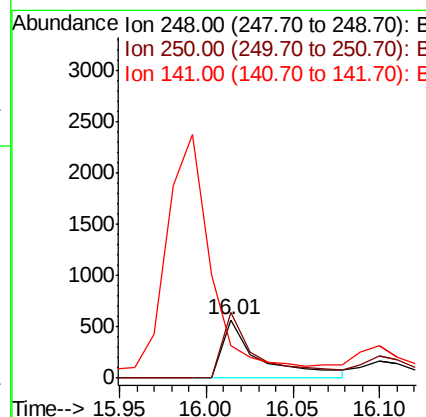
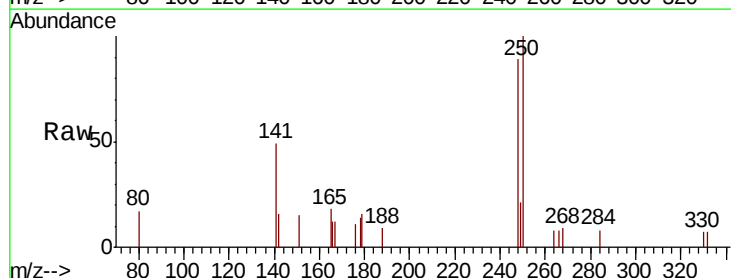
RT: 16.01 min Scan# 1472

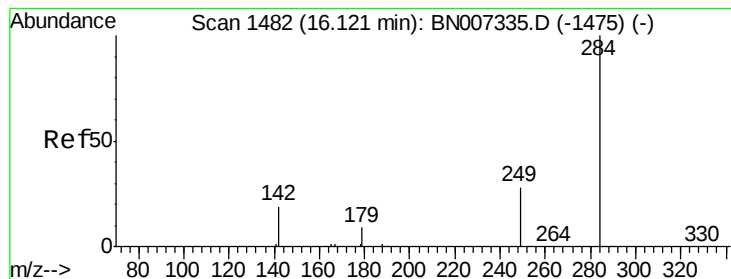
Delta R.T. 0.00 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Tgt Ion:	248	Resp:	844
Ion Ratio	Lower	Upper	
248	100		
250	112.8	85.0	127.6
141	55.3	51.7	77.5





#21

Hexachlorobenzene

Concen: 0.334 ng

RT: 16.11 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

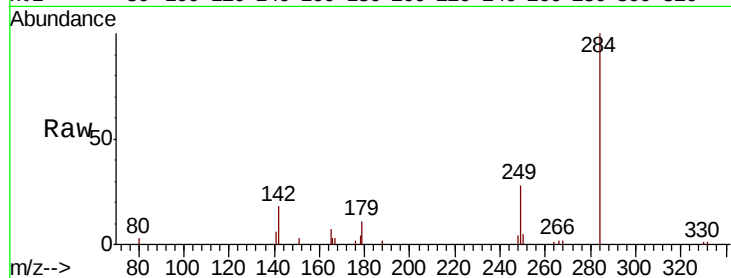
ClientSampleId :

GW-200-B4-47.0-52.0-090519MS

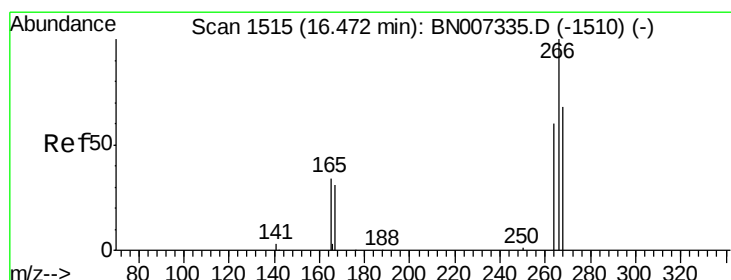
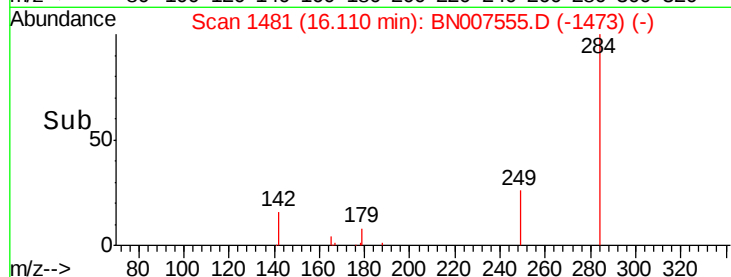
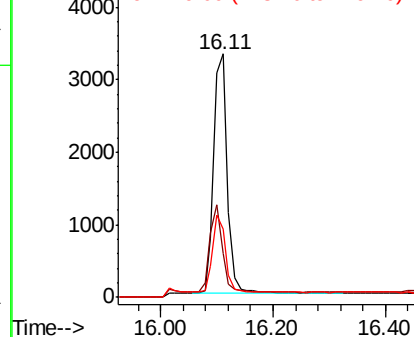
Tot Ion:	284	Resp:	5603
Ion Ratio	Lower	Upper	
284	100		
142	32.7	29.0	43.6
249	31.0	24.9	37.3

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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: 0.497 ng

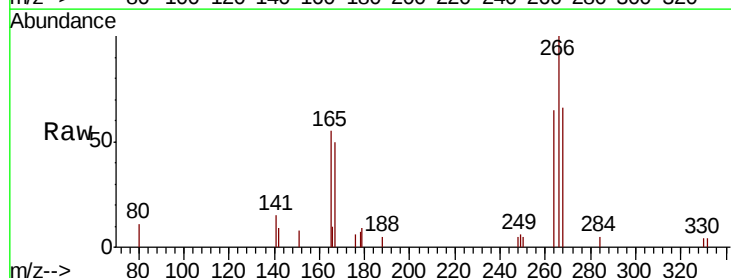
RT: 16.45 min Scan# 1513

Delta R.T. -0.02 min

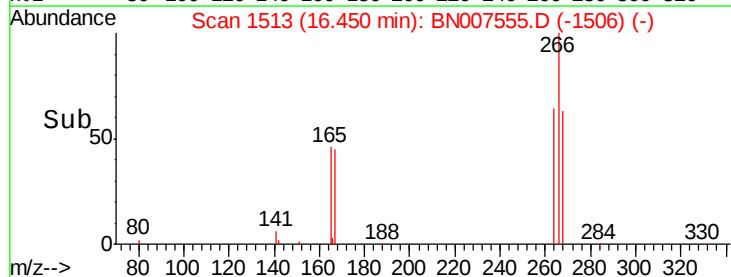
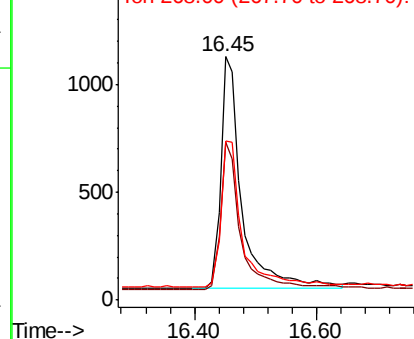
Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Tgt Ion:	266	Resp:	2591
Ion Ratio	Lower	Upper	
266	100		
264	64.9	57.8	86.8
268	65.6	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: 0.411 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

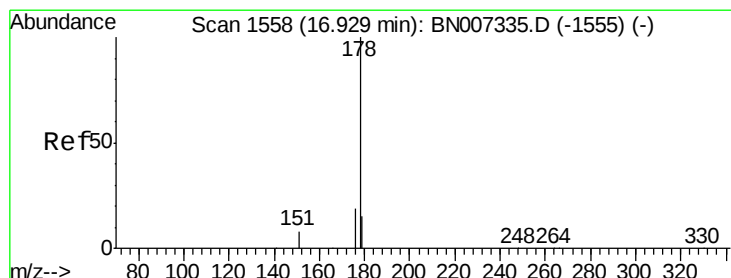
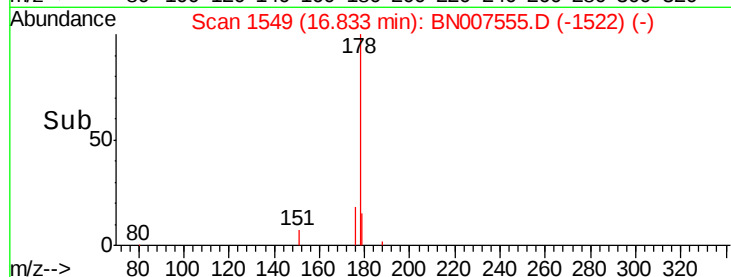
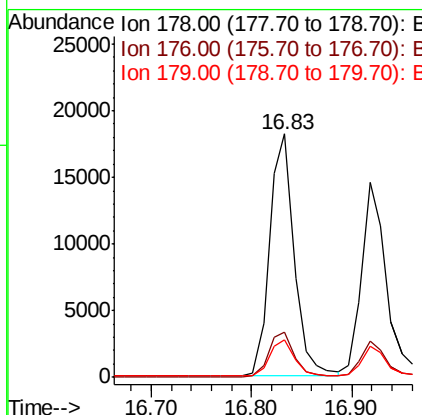
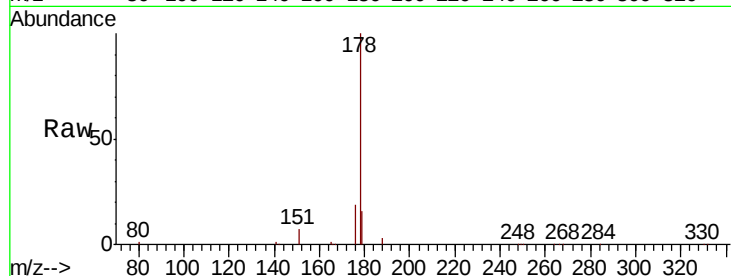
ClientSampleId :

GW-200-B4-47.0-52.0-090519MS

Tot Ion:	178	Resp:	30982
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.3	22.9
179	15.5	12.6	19.0

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#24

Anthracene

Concen: 0.330 ng

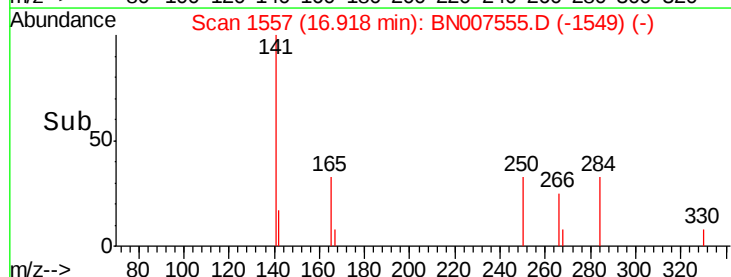
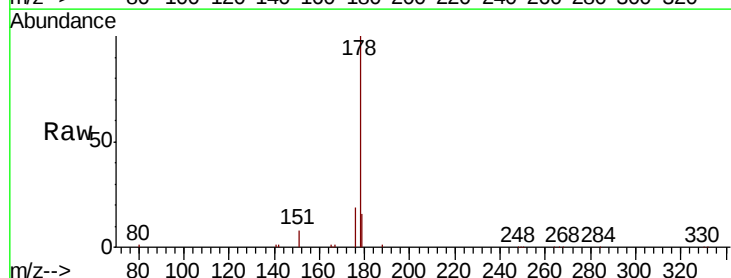
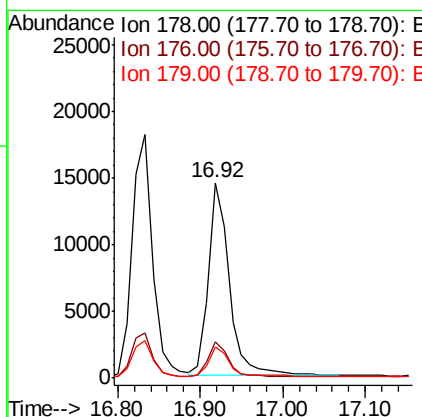
RT: 16.92 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Tgt Ion:	178	Resp:	24971
Ion Ratio	Lower	Upper	
178	100		
176	18.2	14.9	22.3
179	14.9	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.337 ng

RT: 18.83 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

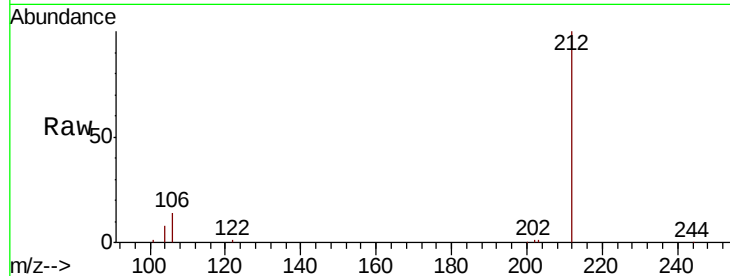
ClientSampleId :

GW-200-B4-47.0-52.0-090519MS

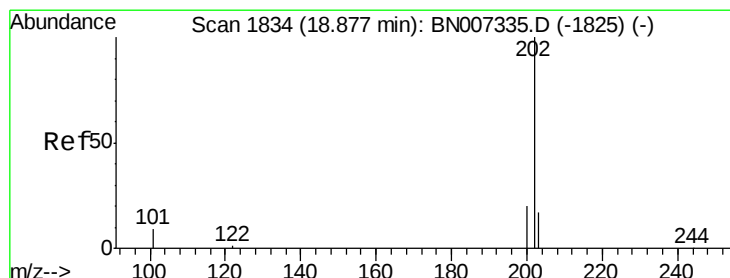
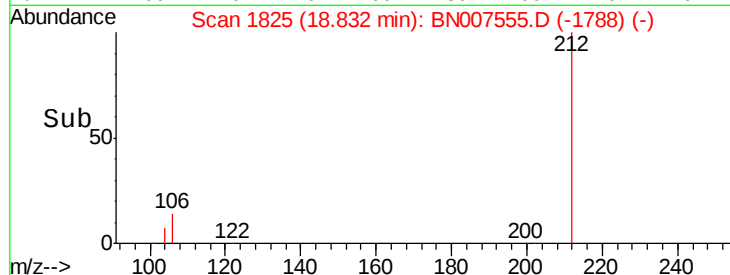
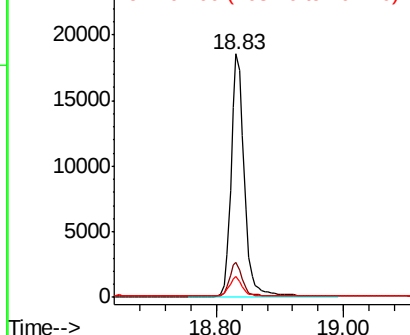
Tot Ion:	212	Resp:	27159
Ion Ratio	Lower	Upper	
212	100		
106	13.3	9.0	13.4
104	7.6	5.4	8.2

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



#26

Fluoranthene

Concen: 0.348 ng

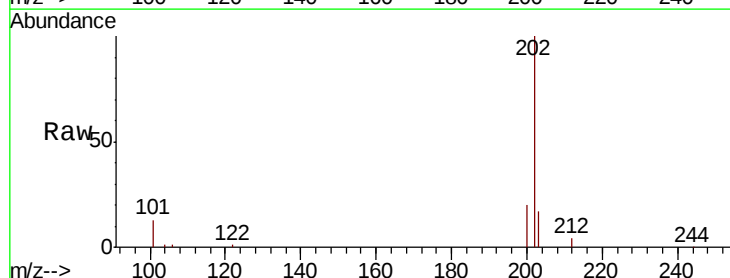
RT: 18.86 min Scan# 1831

Delta R.T. -0.01 min

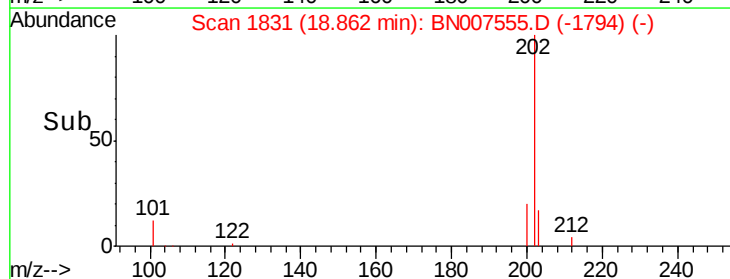
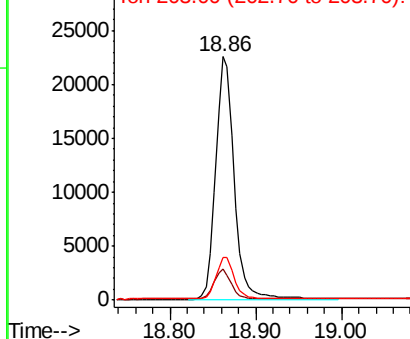
Lab File: BN007555.D

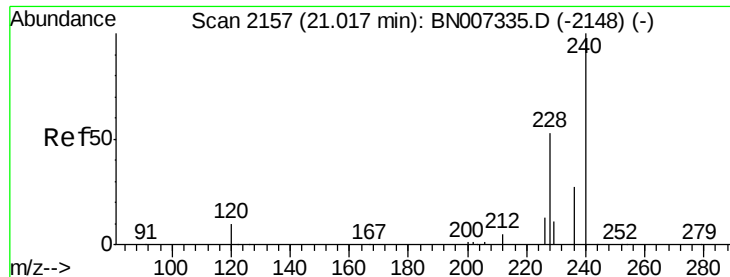
Acq: 06 Sep 2019 23:12

Tgt Ion:	202	Resp:	33644
Ion Ratio	Lower	Upper	
202	100		
101	11.8	7.7	11.5#
203	17.0	13.7	20.5



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





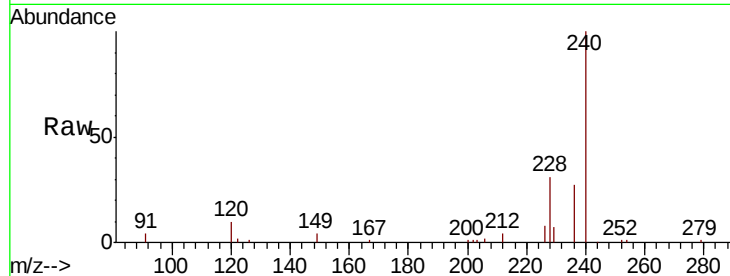
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Instrument :
BNA_N
ClientSampleId :
GW-200-B4-47.0-52.0-090519MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.6	14.4
236	27.0	22.2	33.2

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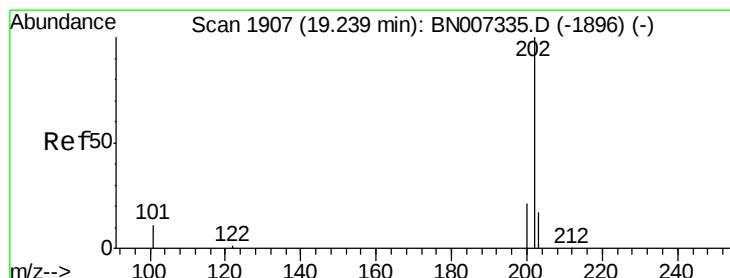
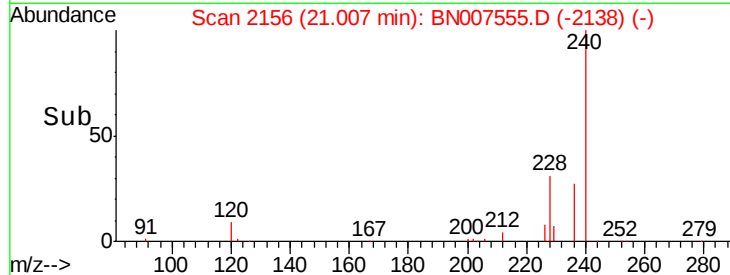
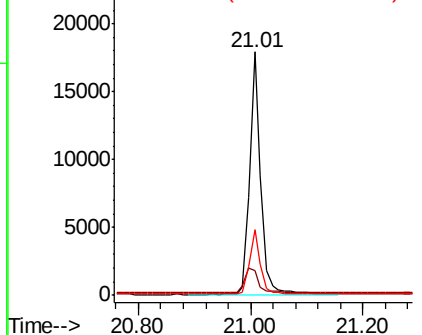


Abundance

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: 0.352 ng
RT: 19.23 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

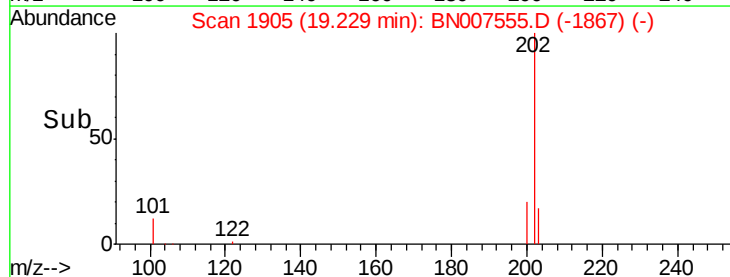
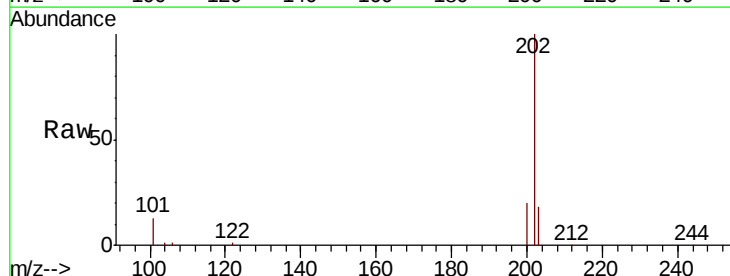
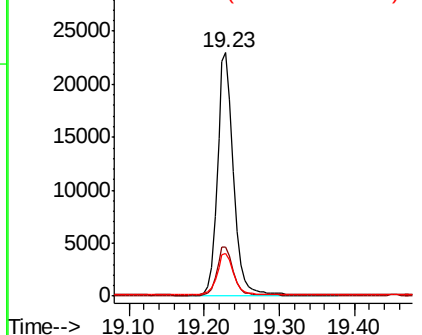
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	25.0
203	17.9	14.2	21.4

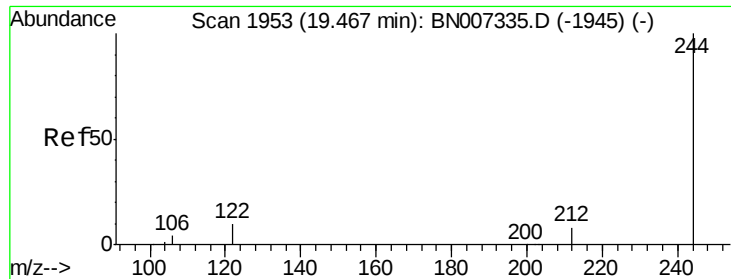
Abundance

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: 0.539 ng

RT: 19.45 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

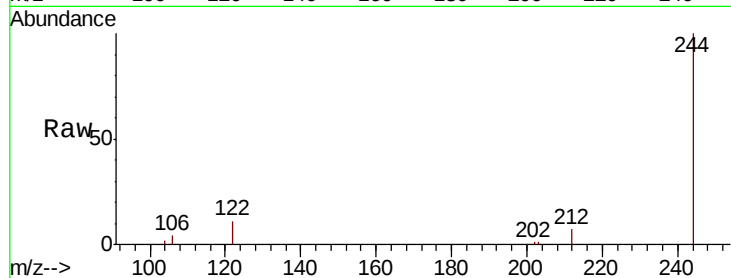
ClientSampleId :

GW-200-B4-47.0-52.0-090519MS

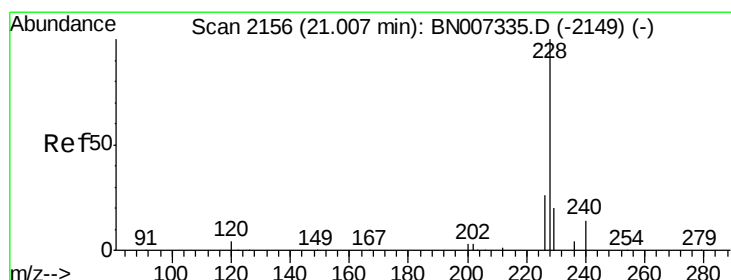
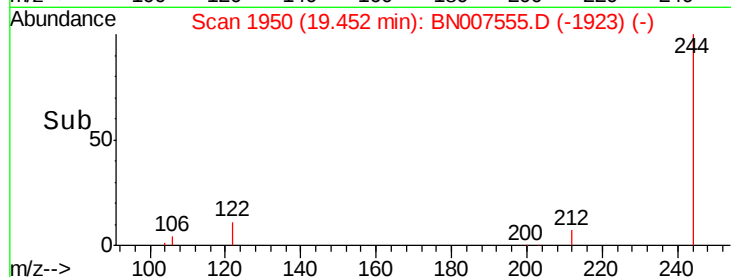
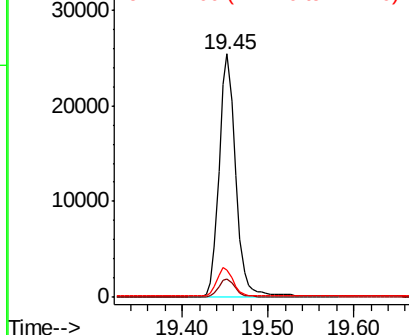
Tot Ion:	244	Resp:	34344
Ion Ratio	Lower	Upper	
244	100		
212	7.5	7.0	10.6
122	11.3	9.6	14.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.310 ng

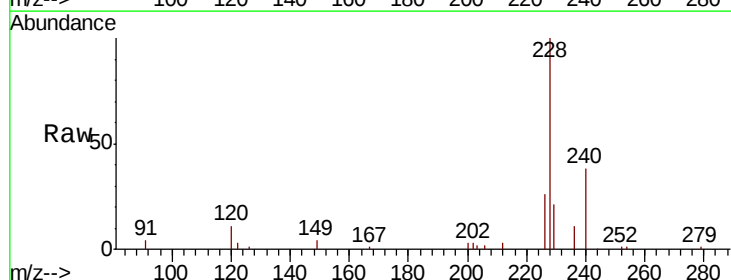
RT: 21.00 min Scan# 2155

Delta R.T. -0.01 min

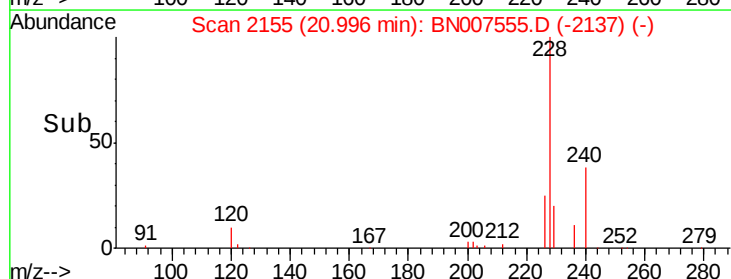
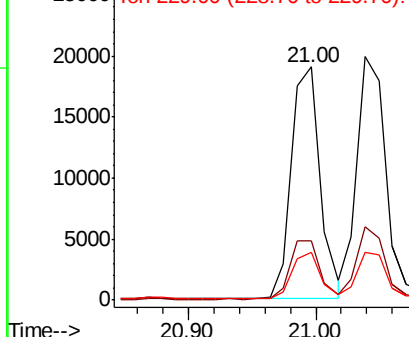
Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Tgt Ion:	228	Resp:	29679
Ion Ratio	Lower	Upper	
228	100		
226	25.6	21.3	31.9
229	20.7	16.1	24.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.338 ng

RT: 21.04 min Scan# 2159

Delta R.T. -0.02 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

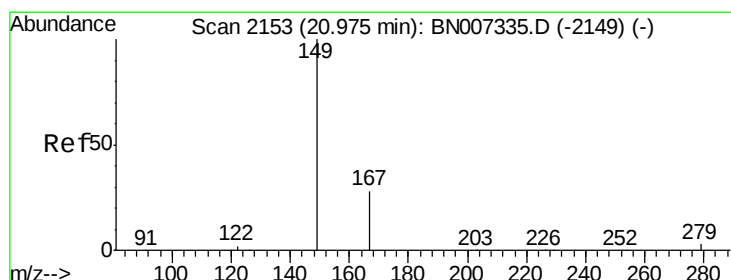
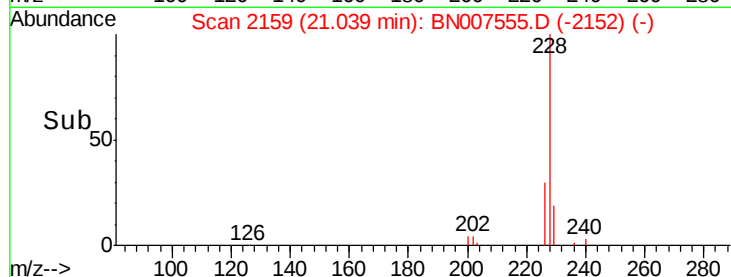
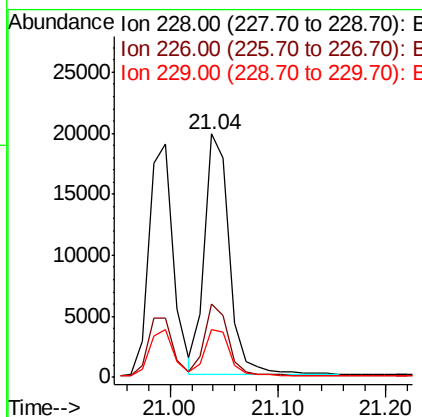
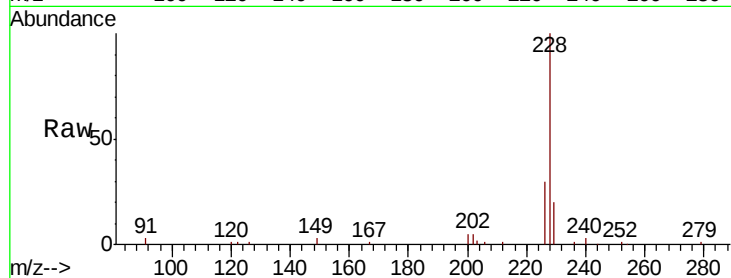
ClientSampleId :

GW-200-B4-47.0-52.0-090519MS

Tot Ion:	228	Resp:	31195
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.5	35.3
229	19.7	16.6	24.8

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.265 ng

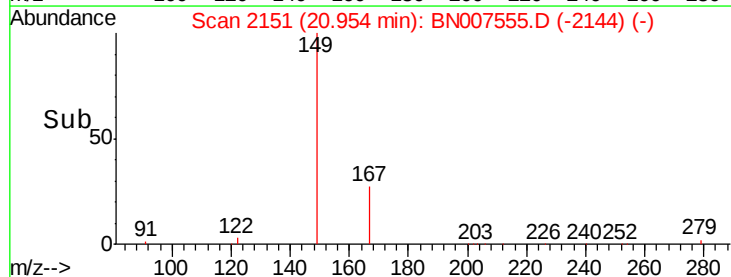
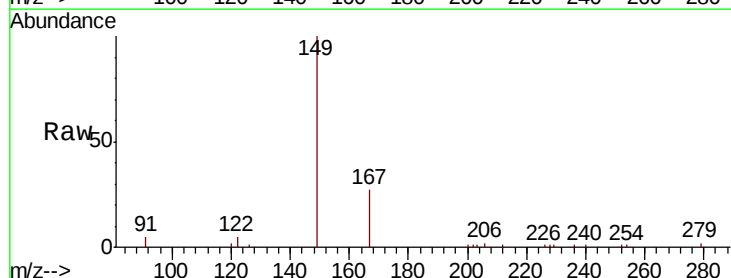
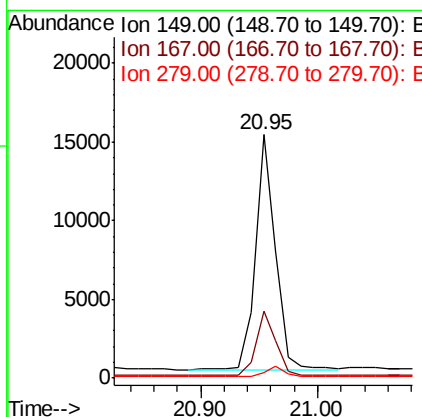
RT: 20.95 min Scan# 2151

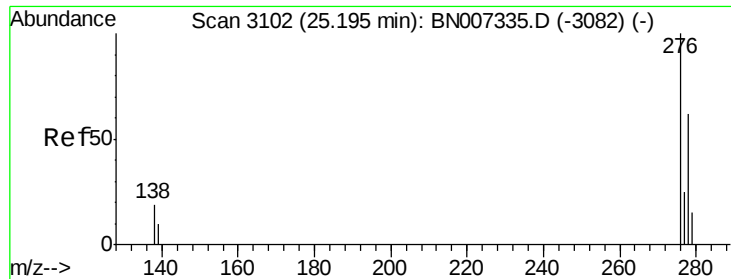
Delta R.T. -0.02 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Tgt Ion:	149	Resp:	17574
Ion Ratio	Lower	Upper	
149	100		
167	28.0	22.8	34.2
279	4.2	3.5	5.3





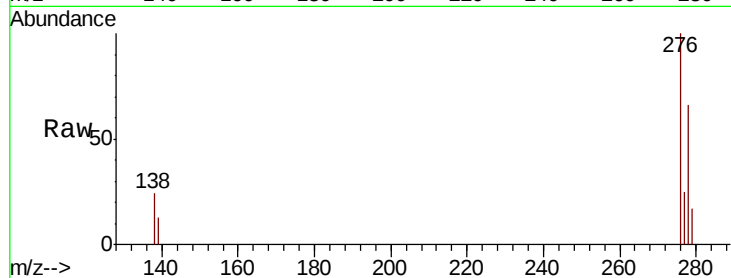
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.272 ng
RT: 25.16 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Instrument :
BNA_N
ClientSampleId :
GW-200-B4-47.0-52.0-090519MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.4	15.1	22.7
277	24.2	19.7	29.5

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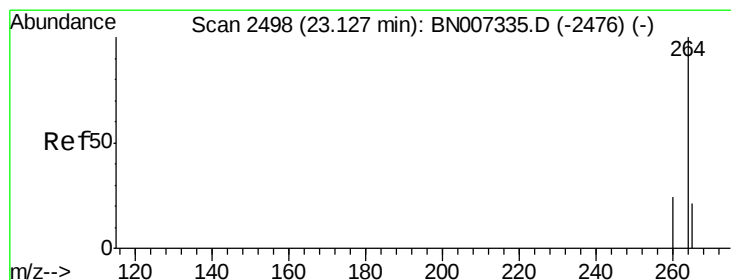
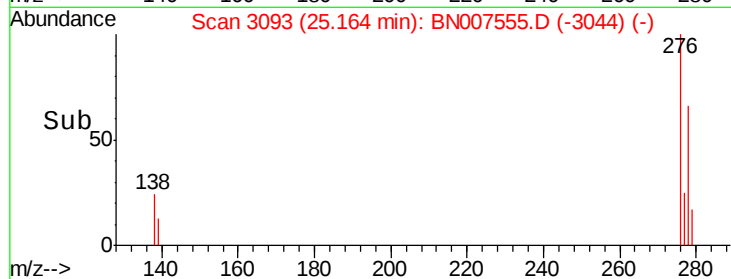
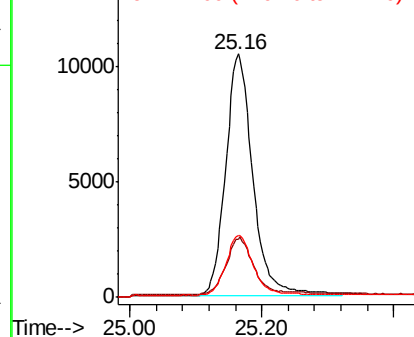


Abundance

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: 23.11 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

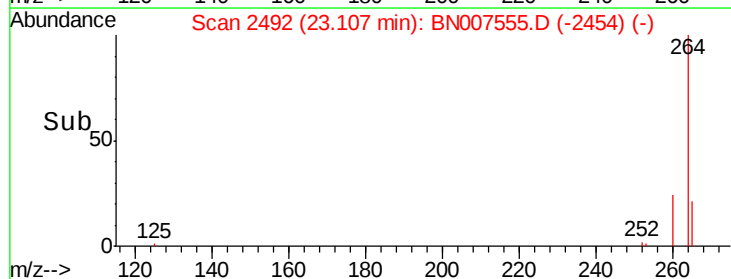
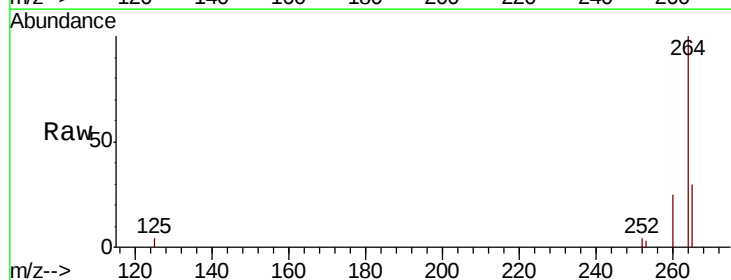
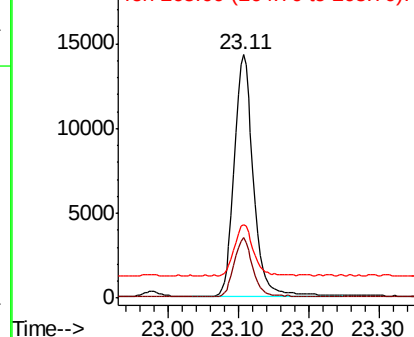
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	30.2	29.9	44.9

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





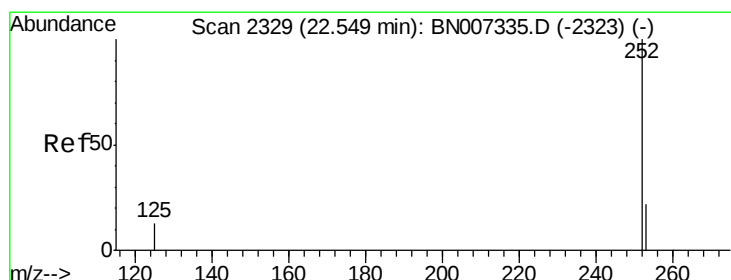
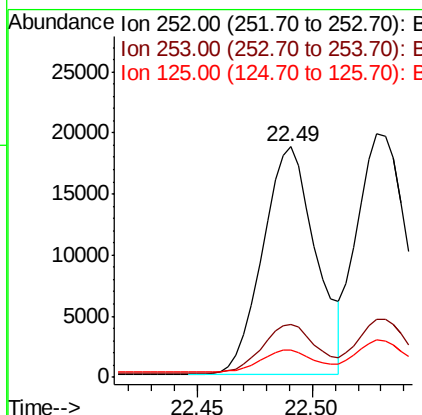
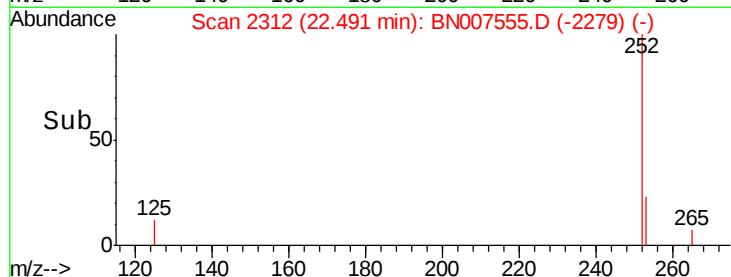
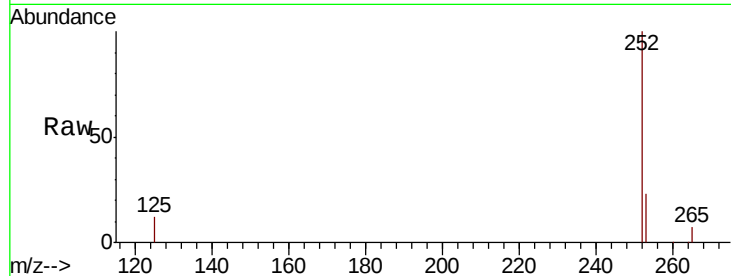
#35
Benzo(b)fluoranthene
Concen: 0.309 ng
RT: 22.49 min Scan# 2312
Delta R.T. -0.02 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Instrument :
BNA_N
ClientSampleId :
GW-200-B4-47.0-52.0-090519MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	11.6	10.6	16.0

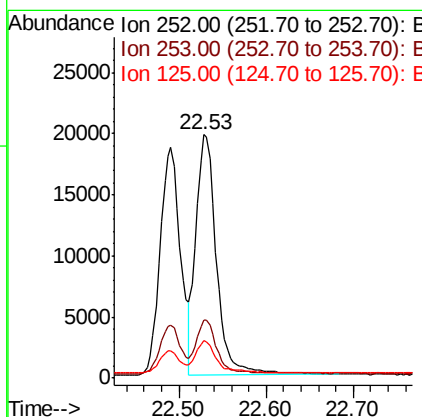
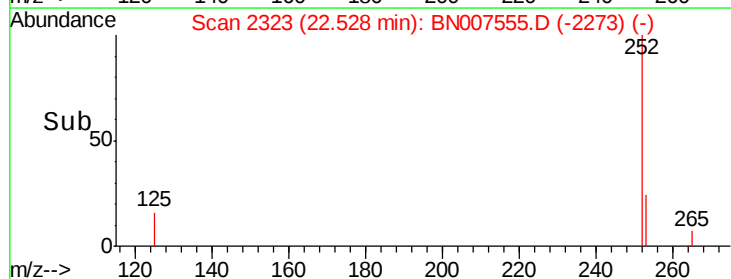
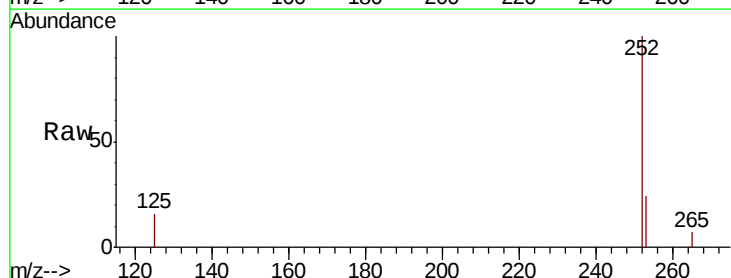
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#36
Benzo(k)fluoranthene
Concen: 0.334 ng
RT: 22.53 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.4	29.2
125	15.5	13.1	19.7





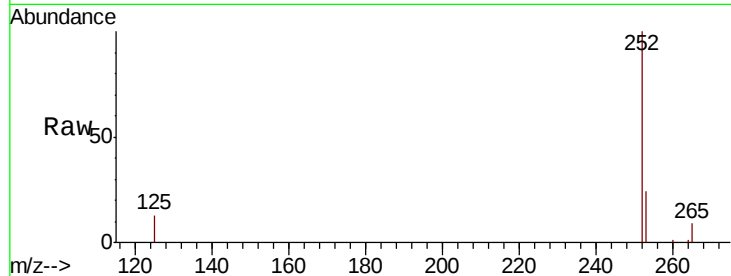
#37
Benzo(a)pyrene
Concen: 0.310 ng
RT: 23.02 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Instrument :
BNA_N
ClientSampleId :
GW-200-B4-47.0-52.0-090519MS

Tot Ion:	252	Resp:	28753
Ion Ratio	Lower	Upper	
252	100		
253	23.9	19.5	29.3
125	13.2	12.1	18.1

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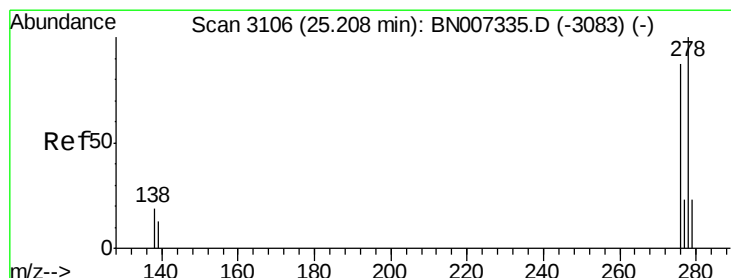
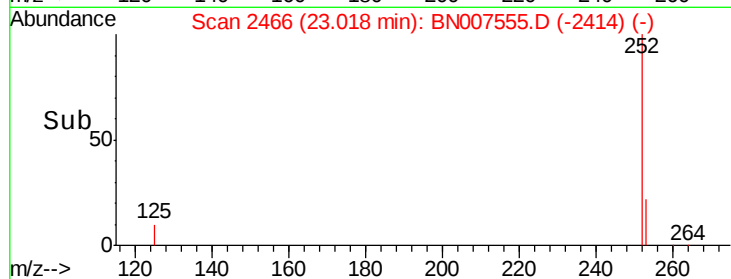
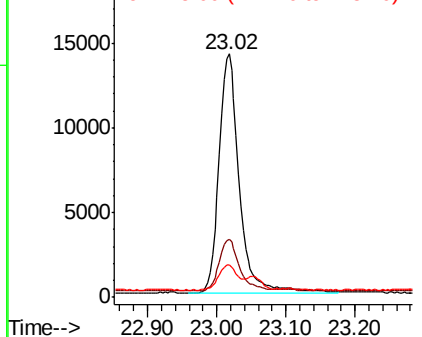


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38
Dibenzo(a,h)anthracene
Concen: 0.270 ng
RT: 25.17 min Scan# 3096
Delta R.T. -0.03 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

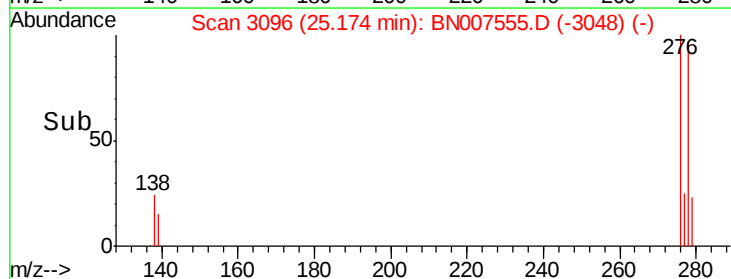
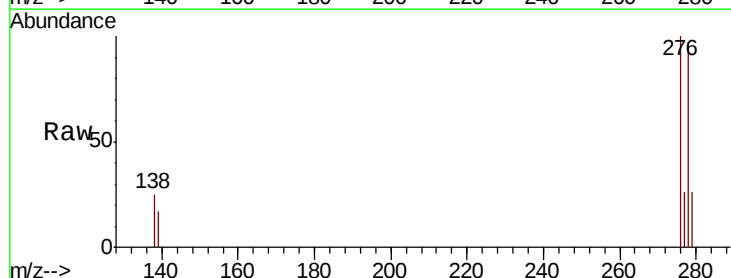
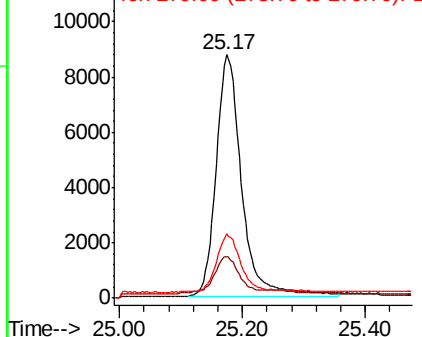
Tgt Ion:	278	Resp:	25037
Ion Ratio	Lower	Upper	
278	100		
139	17.2	13.7	20.5
279	26.3	20.2	30.4

Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.284 ng

RT: 25.79 min Scan# 3275

Delta R.T. -0.03 min

Lab File: BN007555.D

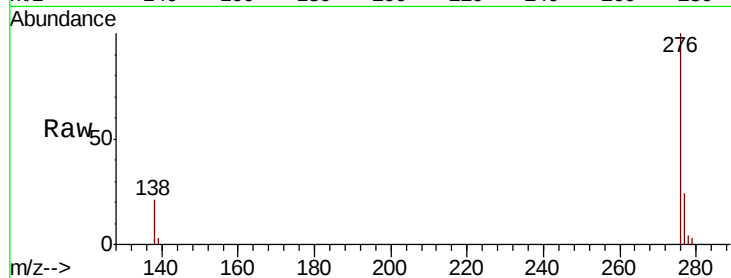
Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

ClientSampleId :

GW-200-B4-47.0-52.0-090519MS



Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	21.3	16.3	24.5

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