

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010204.D
 Acq On : 11 Mar 2020 22:22
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
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 3/16/2020 1:46:01 PM

Quant Time: Mar 12 08:02:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 17:37:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	597	0.40	ng	0.02
7) Naphthalene-d8	10.14	136	2498	0.40	ng	0.03
13) Acenaphthene-d10	14.01	164	1268	0.40	ng	0.01
19) Phenanthrene-d10	16.79	188	2838	0.40	ng	0.02
27) Chrysene-d12	21.00	240	2599	0.40	ng	0.01
34) Perylene-d12	23.10	264	2898	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	492	0.37	ng	0.03
5) Phenol-d6	6.67	99	836m	0.52	ng	0.06
8) Nitrobenzene-d5	8.62	82	714	0.34	ng	0.06
11) 2-Methylnaphthalene-d10	11.76	152	1552	0.32	ng	0.03
14) 2,4,6-Tribromophenol	15.56	330	215	0.44	ng	0.02
15) 2-Fluorobiphenyl	12.65	172	1943	0.41	ng	0.02
25) Fluoranthene-d10	18.83	212	3875	0.39	ng	0.01
29) Terphenyl-d14	19.45	244	2687	0.43	ng	0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.04	88	290	0.474	ng	90
3) n-Nitrosodimethylamine	3.43	42	785m	0.782	ng	
6) bis(2-Chloroethyl)ether	6.88	93	462	0.294	ng	# 72
9) Naphthalene	10.19	128	2674	0.392	ng	95
10) Hexachlorobutadiene	10.43	225	623	0.416	ng	# 95
12) 2-Methylnaphthalene	11.84	142	1444	0.309	ng	96
16) Acenaphthylene	13.73	152	2107	0.390	ng	98
17) Acenaphthene	14.08	154	1539	0.405	ng	100
18) Fluorene	15.09	166	1999	0.399	ng	98
20) 4-Bromophenyl-phenylether	16.01	248	452	0.170	ng	92
21) Hexachlorobenzene	16.09	284	734	0.415	ng	97
22) Pentachlorophenol	16.49	266	159	0.447	ng	93
23) Phenanthrene	16.83	178	3101	0.367	ng	99
24) Anthracene	16.94	178	2626	0.368	ng	99
26) Fluoranthene	18.86	202	3959	0.391	ng	99
28) Pyrene	19.23	202	4029	0.408	ng	99
30) Benzo(a)anthracene	20.99	228	2875	0.333	ng	99
31) Chrysene	21.04	228	4435	0.444	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	1633	0.388	ng	99
33) Indeno(1,2,3-cd)pyrene	25.15	276	4509	0.434	ng	97
35) Benzo(b)fluoranthene	22.49	252	3775	0.356	ng	# 95
36) Benzo(k)fluoranthene	22.53	252	4684	0.406	ng	98
37) Benzo(a)pyrene	23.02	252	3897	0.403	ng	# 92
38) Dibenzo(a,h)anthracene	25.16	278	3508	0.369	ng	95
39) Benzo(g,h,i)perylene	25.77	276	4298	0.424	ng	99

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

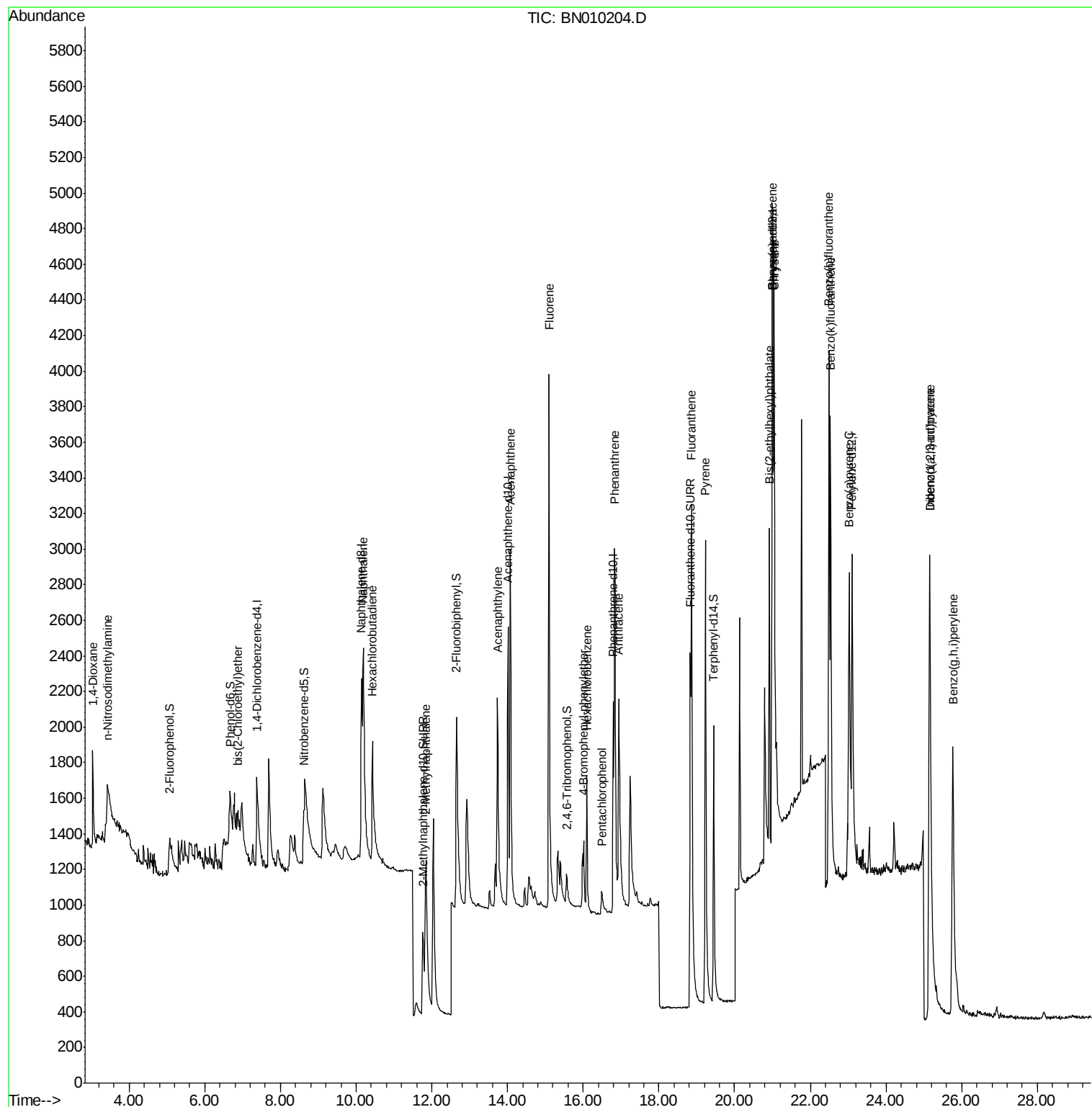
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
Data File : BN010204.D
Acq On : 11 Mar 2020 22:22
Operator : CG/JU
Sample : SSTDCCC0.4
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Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
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#1

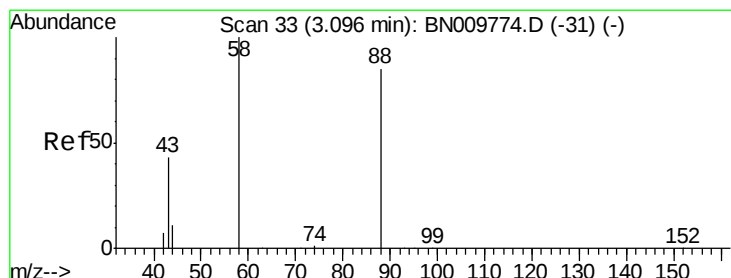
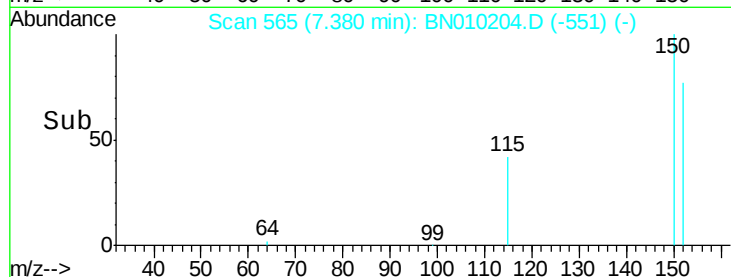
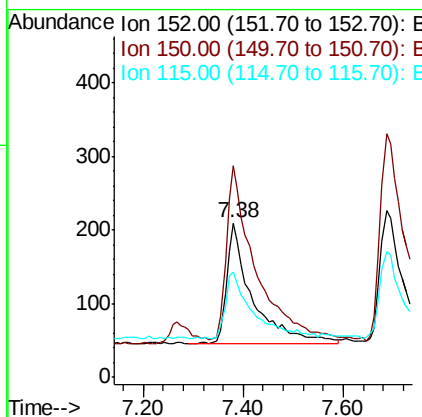
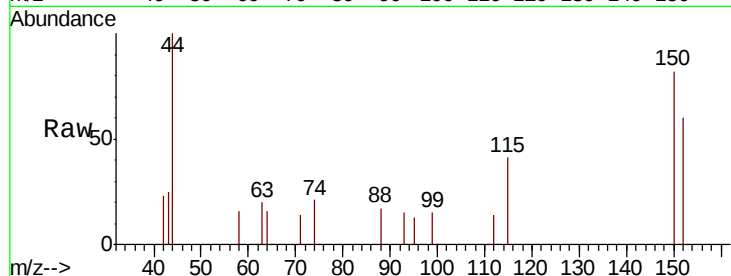
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. 0.02 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.7	120.6	181.0
115	68.1	51.2	76.8

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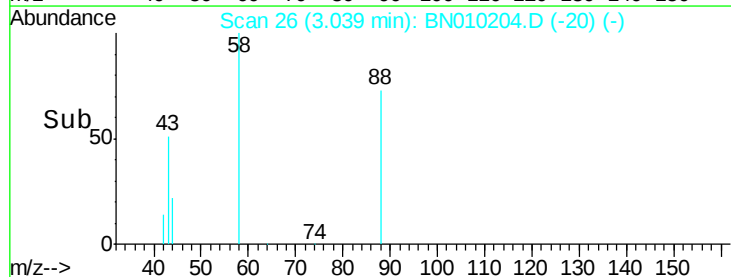
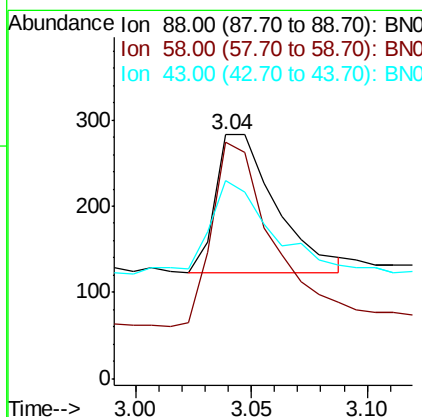
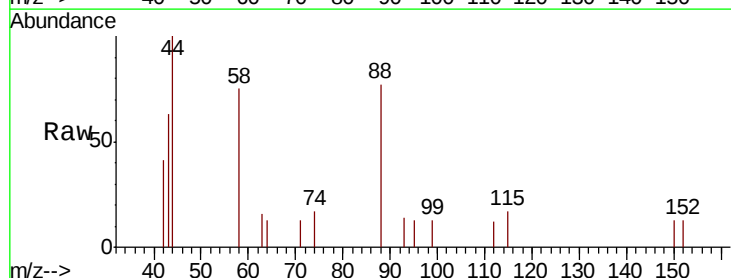
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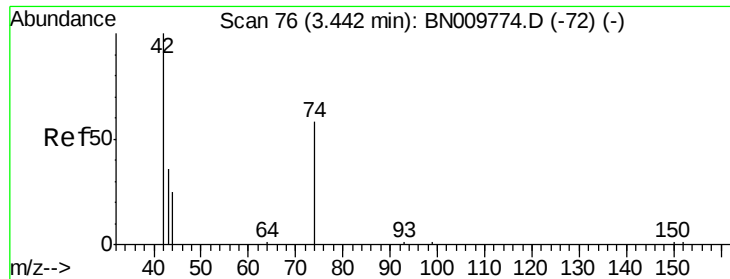


#2

1,4-Dioxane
Concen: 0.474 ng
RT: 3.04 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	136.2	97.8	146.8
43	59.7	45.1	67.7





#3

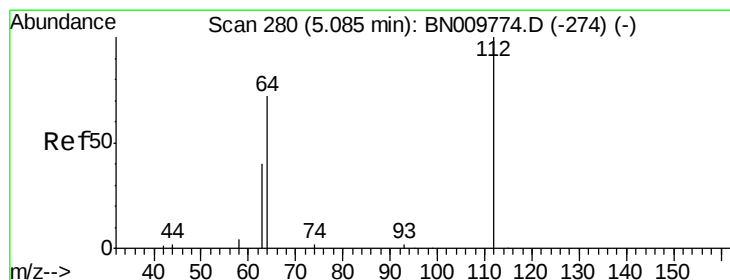
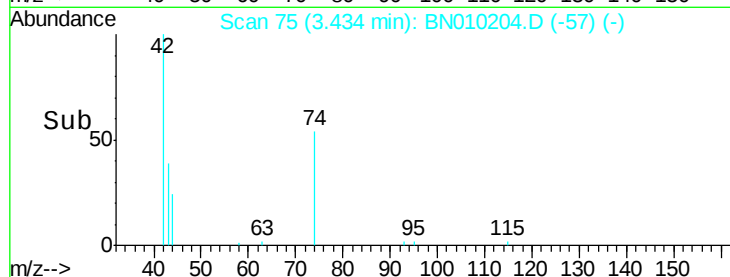
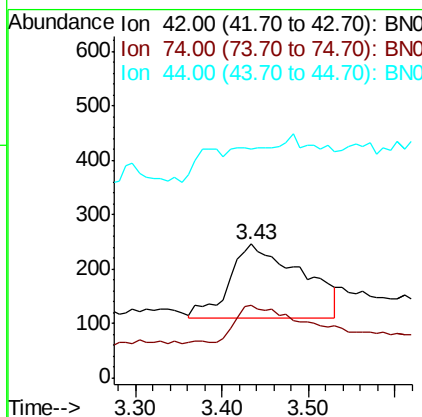
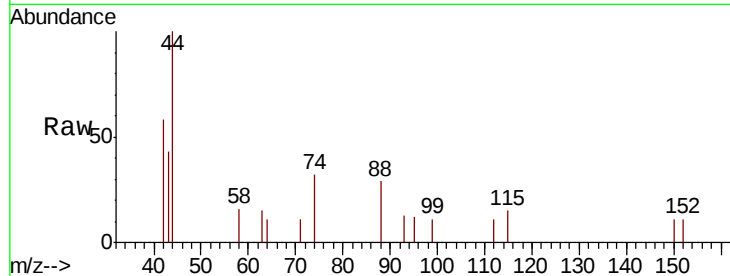
n-Nitrosodimethylamine
 Concen: 0.782 ng/ml
 RT: 3.43 min Scan# 75
 Delta R.T. 0.05 min
 Lab File: BN010204.D
 Acq: 11 Mar 2020 22:22

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:	42	Resp:	785
Ion	Ratio	Lower	Upper
42	100		
74	20.1	51.2	76.8#
44	0.0	2.6	4.0#

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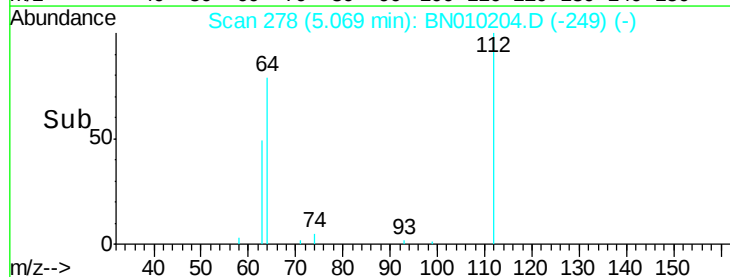
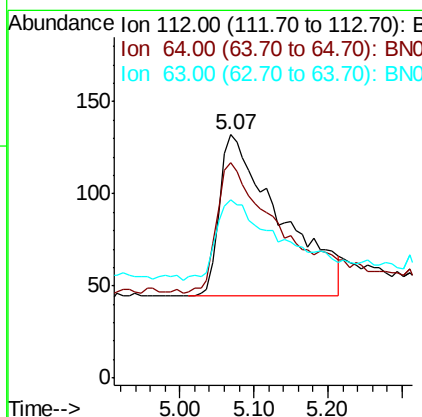
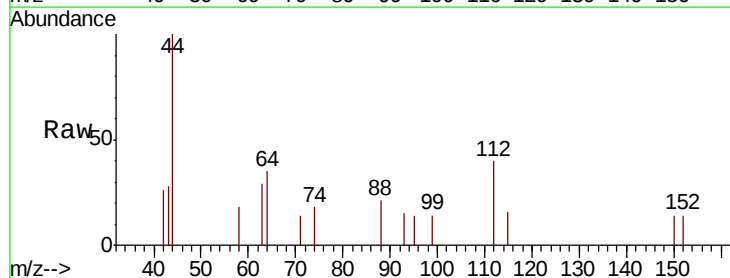
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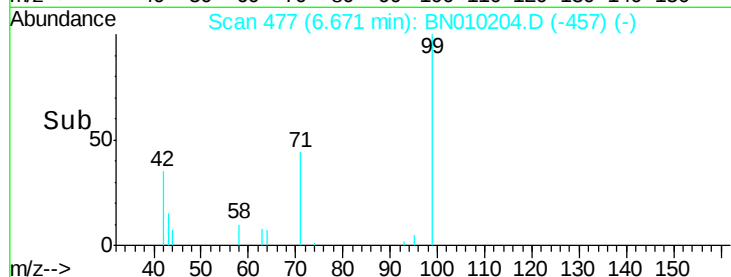
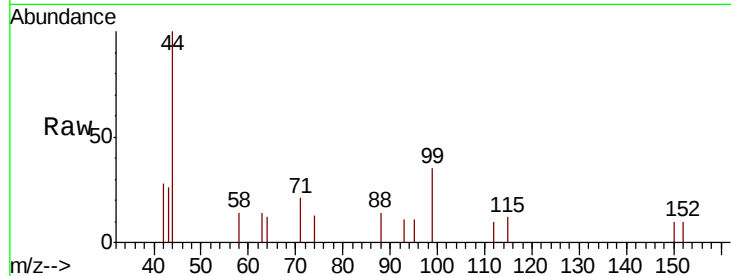


#4

2-Fluorophenol
 Concen: 0.371 ng/ml
 RT: 5.07 min Scan# 278
 Delta R.T. 0.03 min
 Lab File: BN010204.D
 Acq: 11 Mar 2020 22:22

Tgt Ion:	112	Resp:	492
Ion	Ratio	Lower	Upper
112	100		
64	84.8	65.8	98.6
63	54.7	38.7	58.1





#5

Phenol-d6

Concen: 0.518 ng/ml

RT: 6.67 min Scan# 477

Delta R.T. 0.06 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Tot Ion:	99	Resp:	836
Ion	Ratio	Lower	Upper
99	100		
42	31.3	30.8	46.2
71	39.6	34.9	52.3

Instrument :

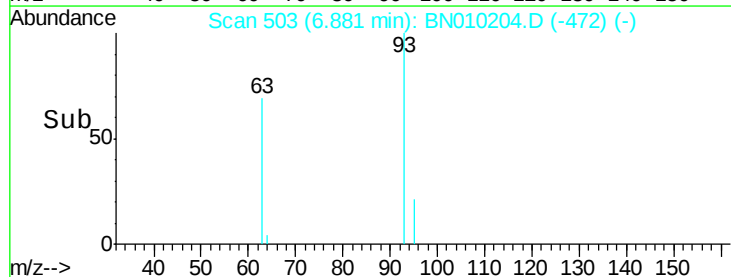
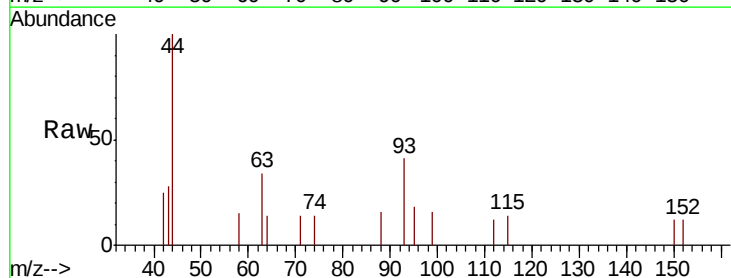
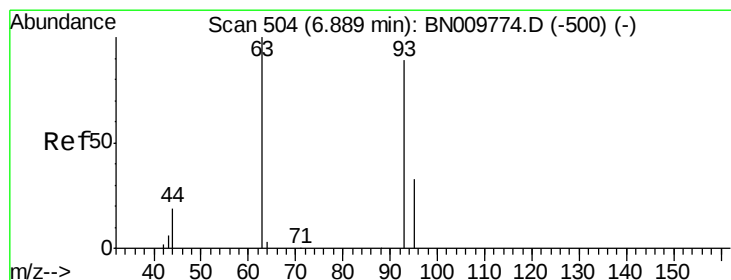
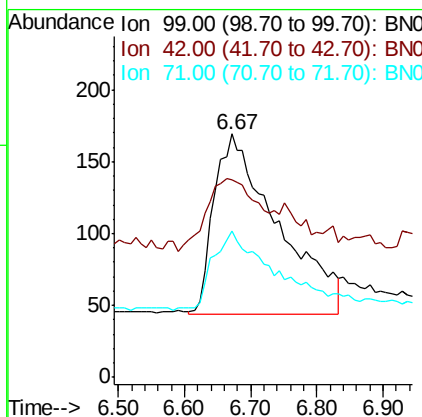
BNA_N

ClientSampleId :

SSTDCCC0.4EC

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#6

bis(2-Chloroethyl)ether

Concen: 0.294 ng/ml

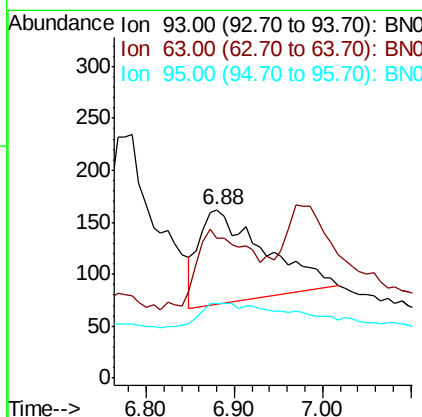
RT: 6.88 min Scan# 503

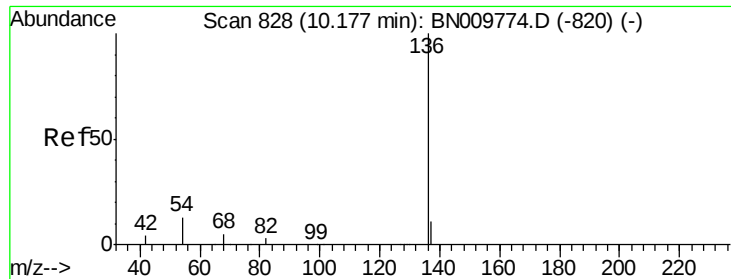
Delta R.T. 0.05 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Tgt Ion:	93	Resp:	462
Ion	Ratio	Lower	Upper
93	100		
63	67.3	74.0	111.0#
95	14.9	26.7	40.1#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

Delta R.T. 0.03 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

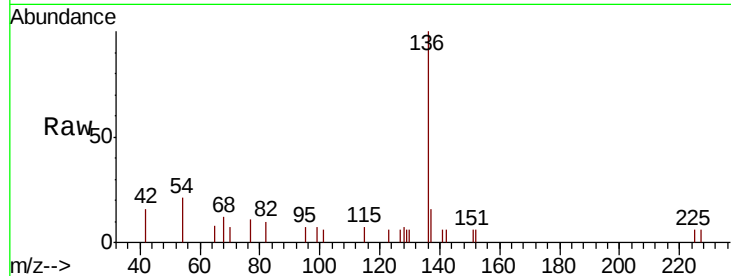
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		2498		
137	15.8		11.3	16.9	
54	21.5		13.4	20.2#	
68	11.7		7.0	10.4#	

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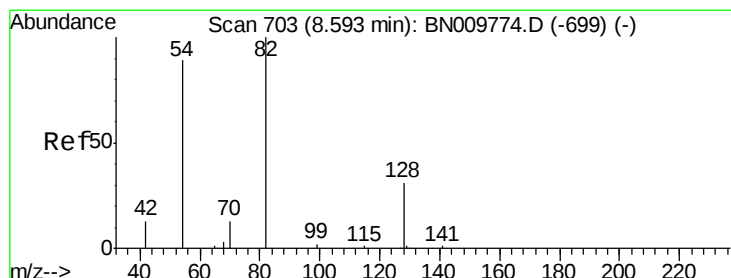
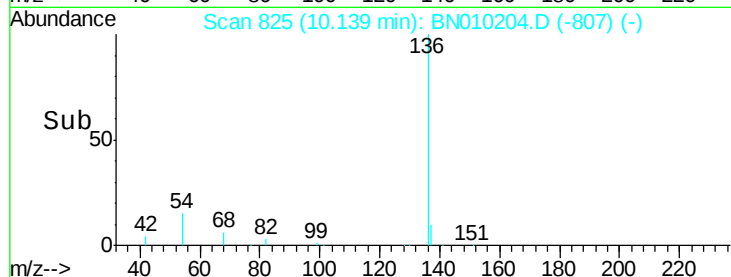
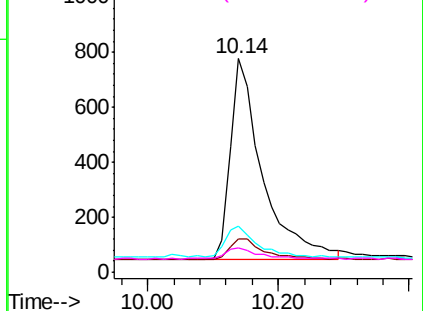


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.343 ng

RT: 8.62 min Scan# 705

Delta R.T. 0.06 min

Lab File: BN010204.D

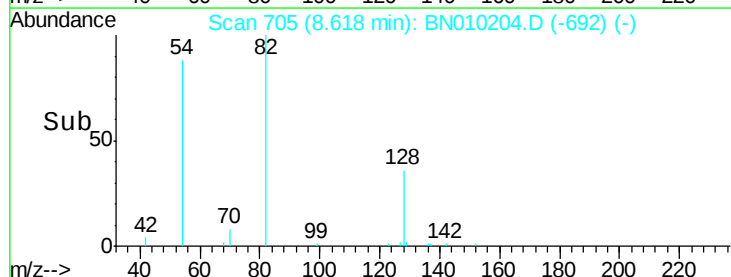
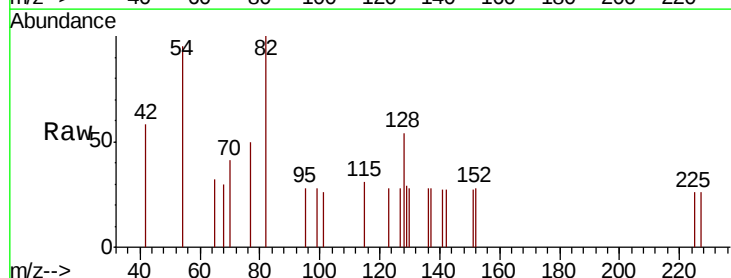
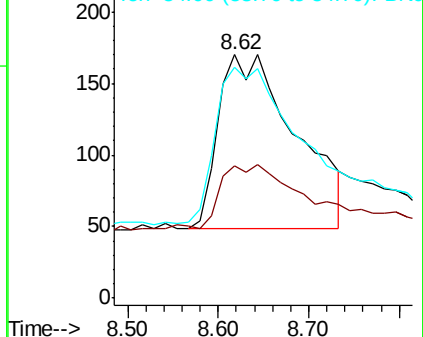
Acq: 11 Mar 2020 22:22

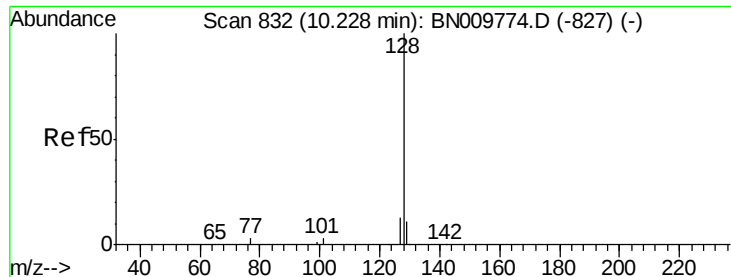
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		714		
128	54.1		32.5	48.7#	
54	94.7		73.5	110.3	

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: 0.392 ng

RT: 10.19 min Scan# 829

Delta R.T. 0.03 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

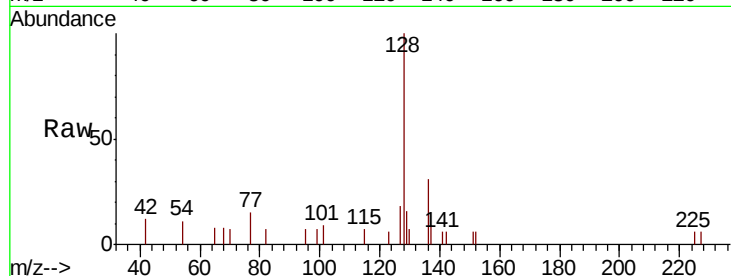
ClientSampleId :

SSTDCCC0.4EC

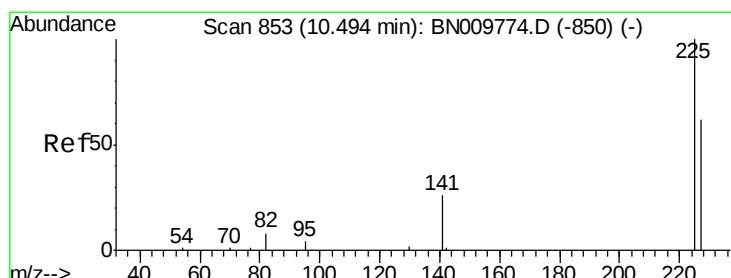
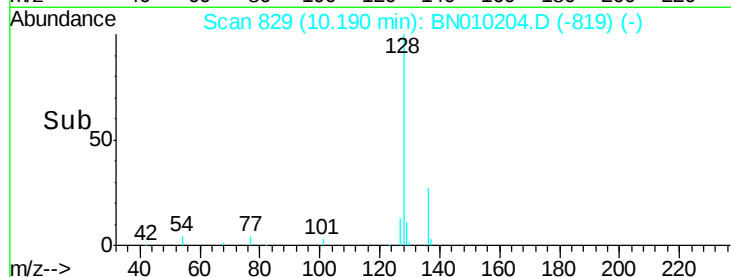
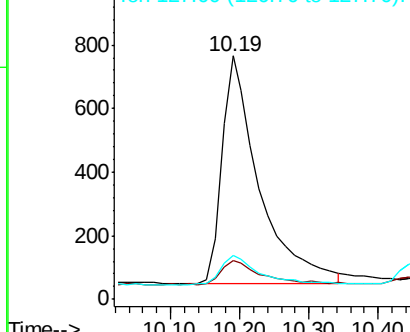
Tot Ion:128	Resp:	2674
Ion Ratio	Lower	Upper
128	100	
129	16.1	11.1 16.7
127	18.1	12.6 19.0

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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: 0.416 ng

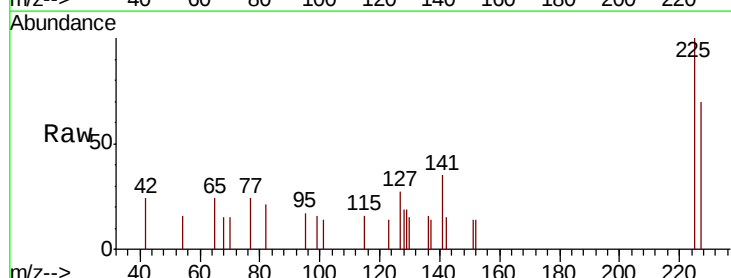
RT: 10.43 min Scan# 848

Delta R.T. 0.00 min

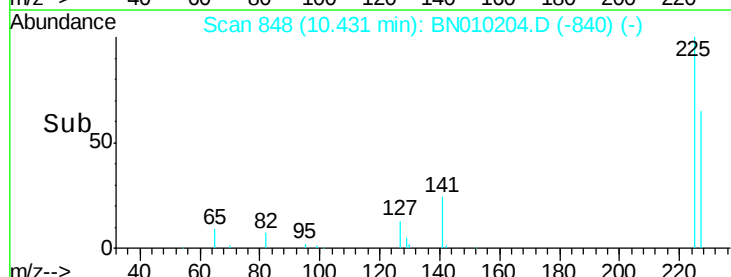
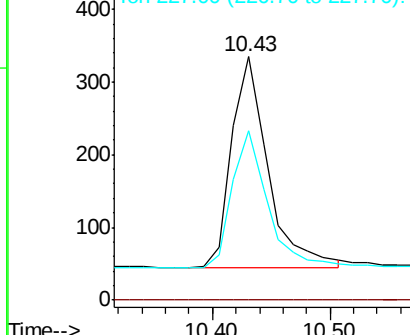
Lab File: BN010204.D

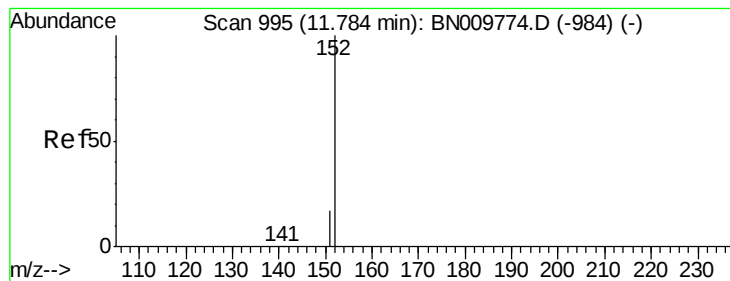
Acq: 11 Mar 2020 22:22

Tgt Ion:225	Resp:	623
Ion Ratio	Lower	Upper
225	100	
223	0.0	0.0 0.0
227	62.9	53.4 80.2



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: 0.321 ng

RT: 11.76 min Scan# 990

Delta R.T. 0.03 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:152 Resp: 1552

Ion Ratio Lower Upper

152 100

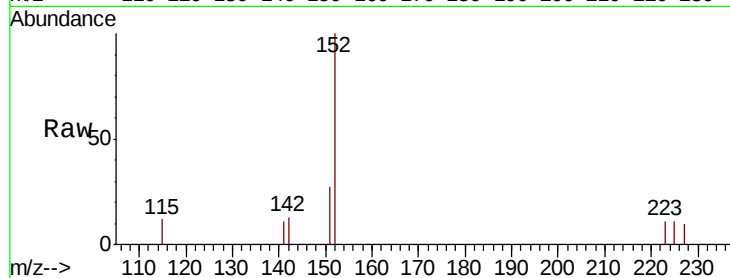
151 19.5 15.1 22.7

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.76

400

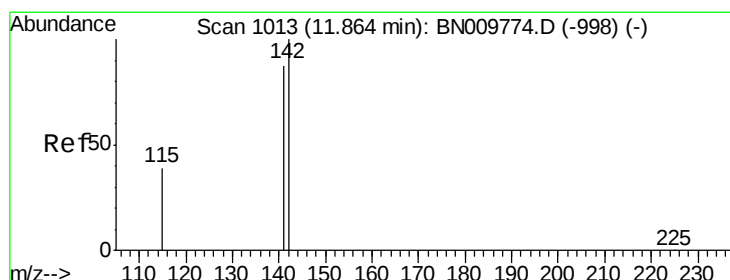
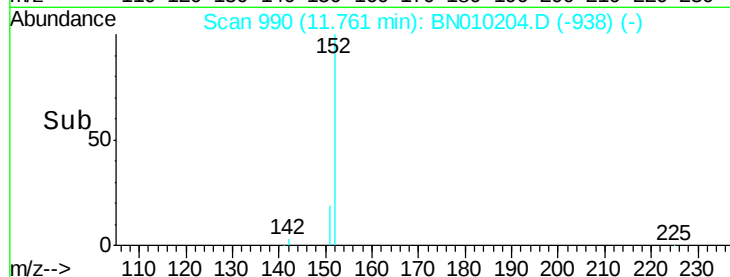
300

200

100

0

Time--> 11.60 11.80 12.00



#12

2-Methylnaphthalene

Concen: 0.309 ng

RT: 11.84 min Scan# 1008

Delta R.T. 0.04 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

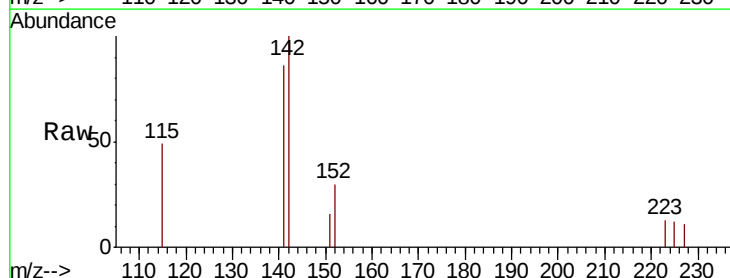
Tgt Ion:142 Resp: 1444

Ion Ratio Lower Upper

142 100

141 86.2 69.8 104.6

115 49.2 34.6 52.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

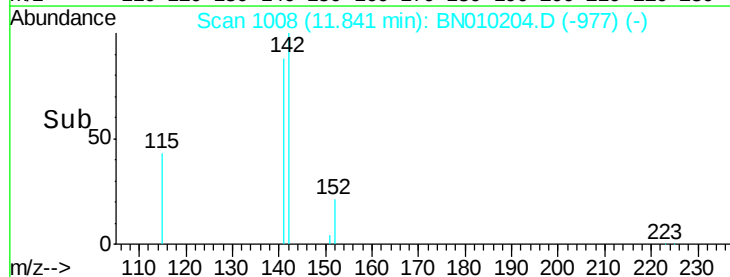
600

400

200

0

Time--> 11.70 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

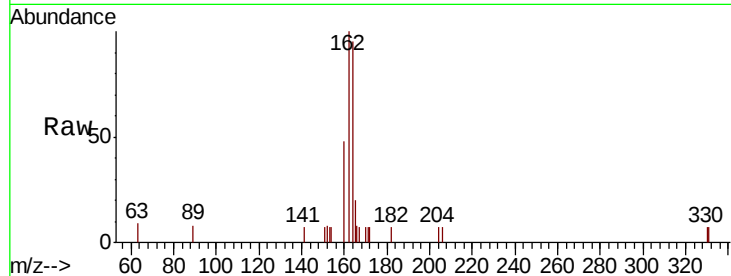
ClientSampleId :

SSTDCCC0.4EC

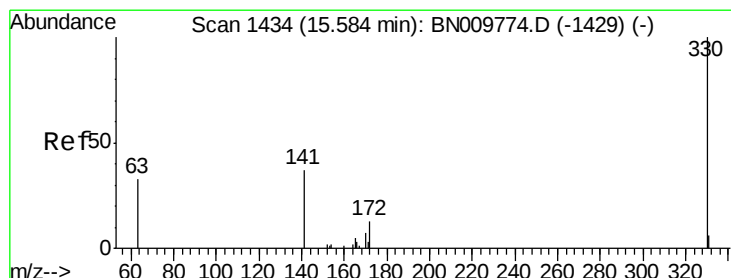
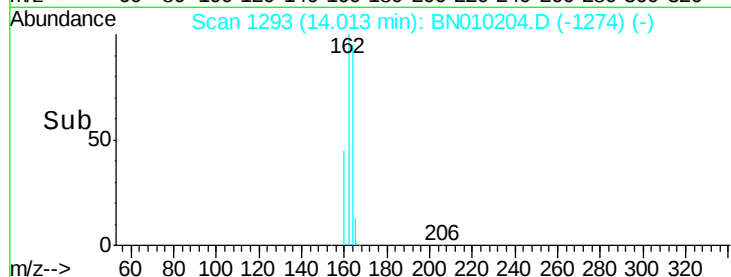
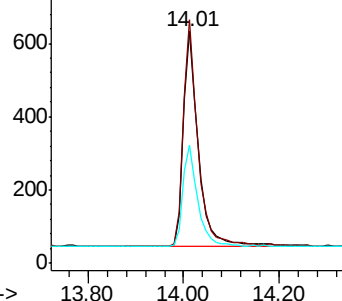
Tot Ion:	164	Resp:	1268
Ion	Ratio	Lower	Upper
164	100		
162	104.9	79.9	119.9
160	50.9	38.2	57.2

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



#14

2,4,6-Tribromophenol

Concen: 0.440 ng

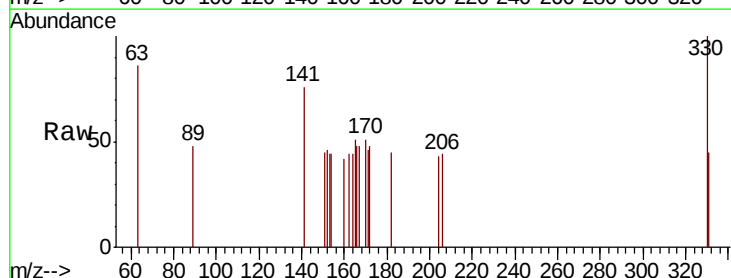
RT: 15.56 min Scan# 1432

Delta R.T. 0.02 min

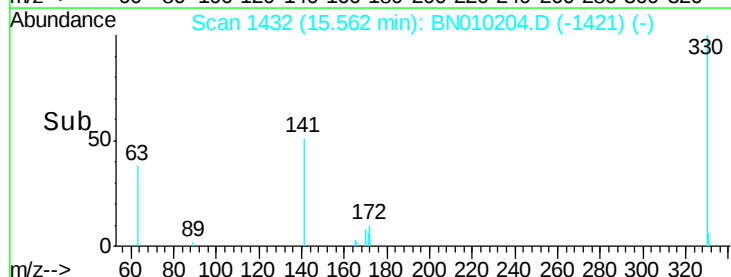
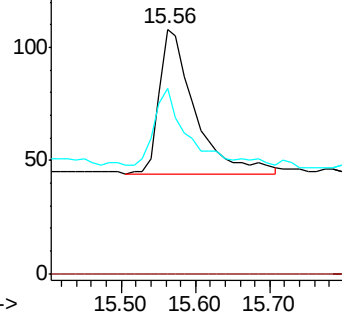
Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Tgt Ion:	330	Resp:	215
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.6	36.8	55.2



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





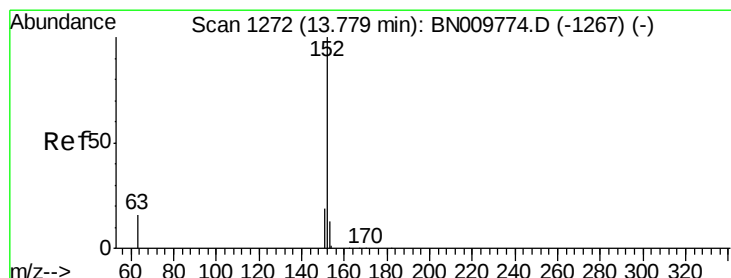
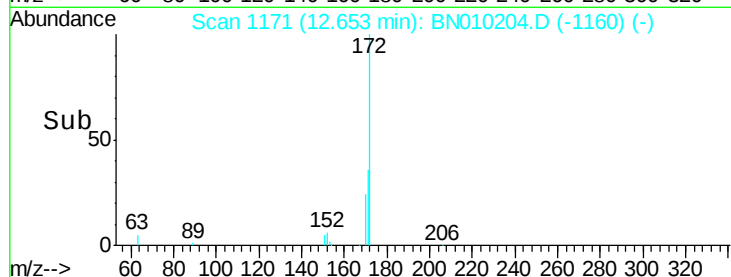
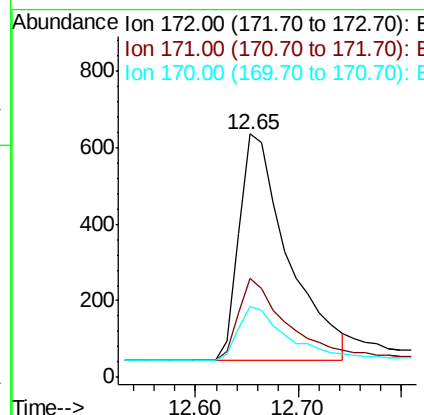
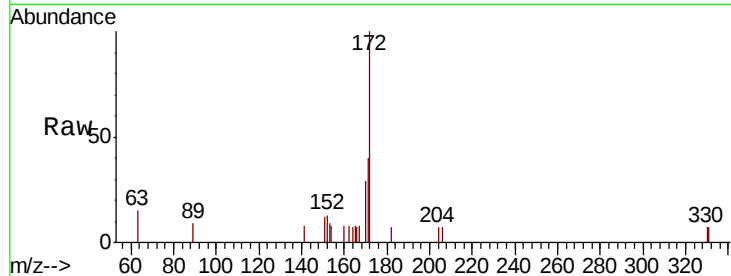
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.65 min Scan# 1171
Delta R.T. 0.02 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.4	28.7	43.1
170	29.2	20.1	30.1

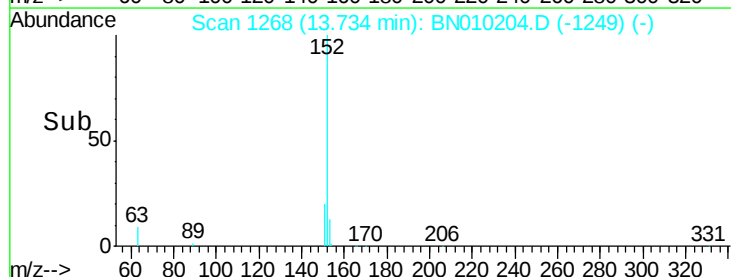
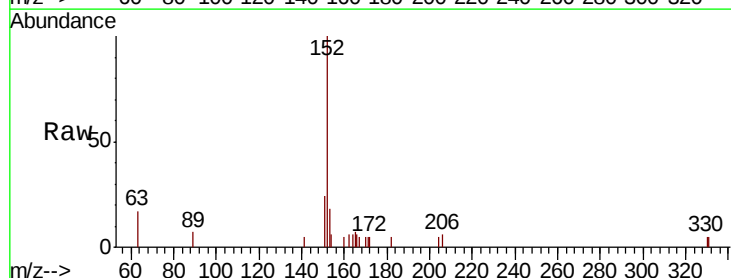
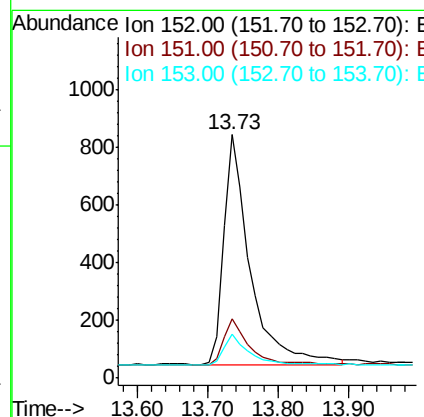
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#16
Acenaphthylene
Concen: 0.390 ng
RT: 13.73 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.8	23.6
153	13.1	10.2	15.4





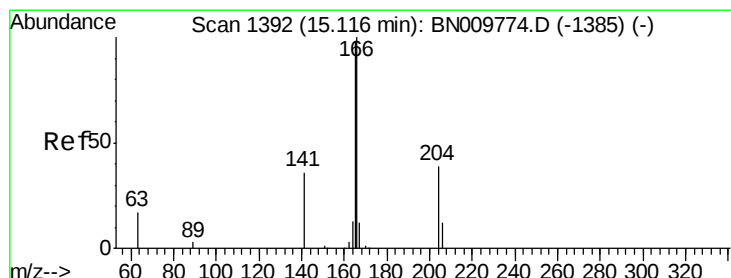
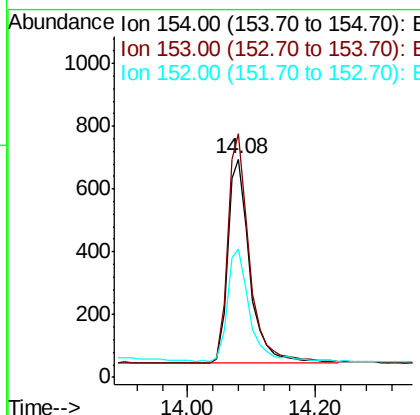
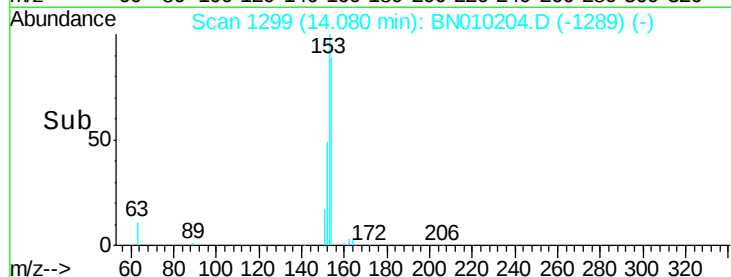
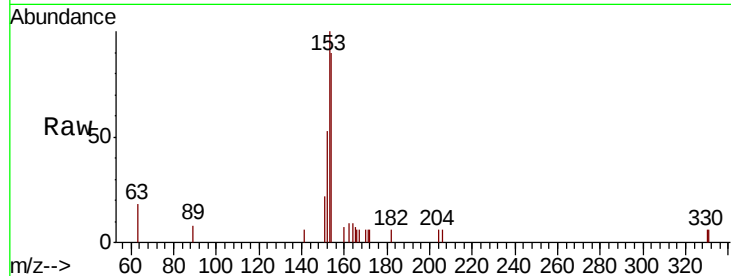
#17
Acenaphthene
Concen: 0.405 ng
RT: 14.08 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.2	88.9	133.3
152	55.0	44.2	66.2

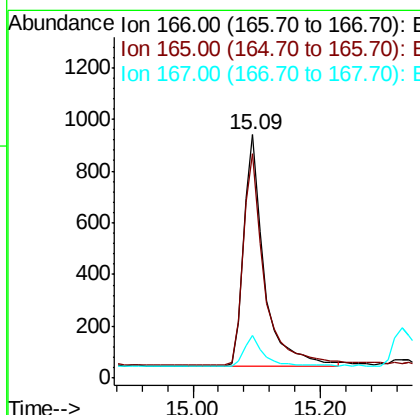
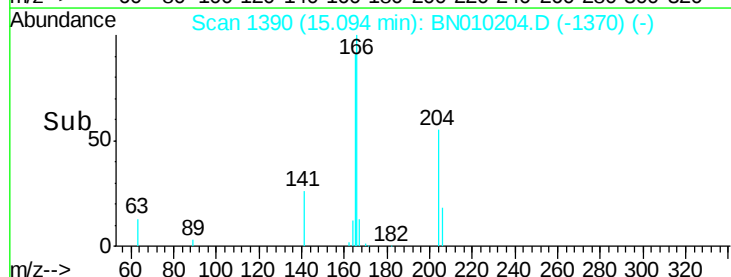
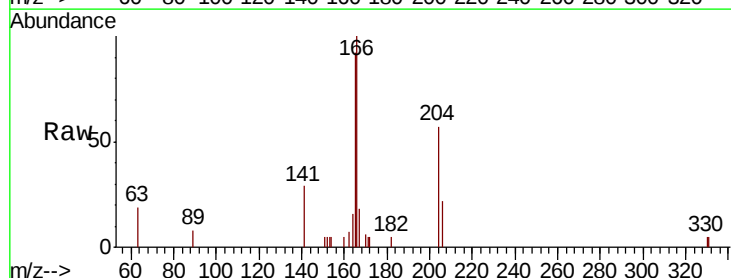
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#18
Fluorene
Concen: 0.399 ng
RT: 15.09 min Scan# 1390
Delta R.T. 0.02 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.2	77.2	115.8
167	13.3	10.5	15.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. 0.02 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

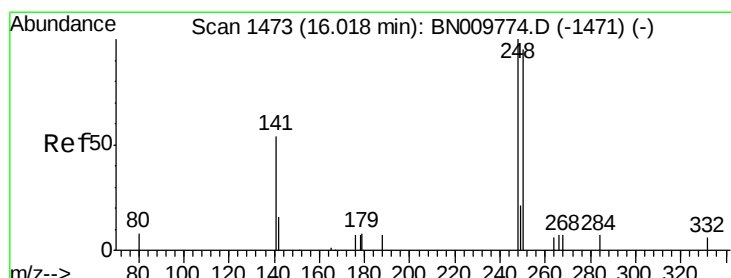
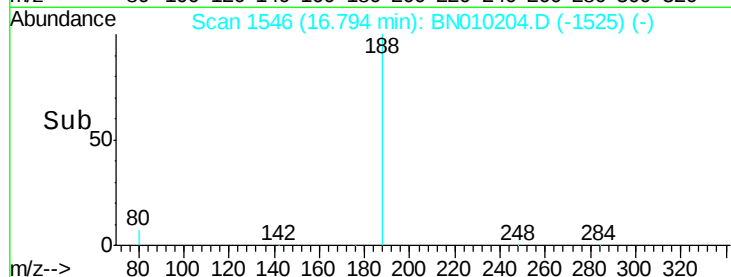
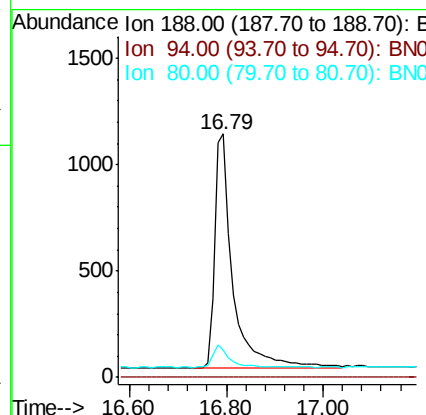
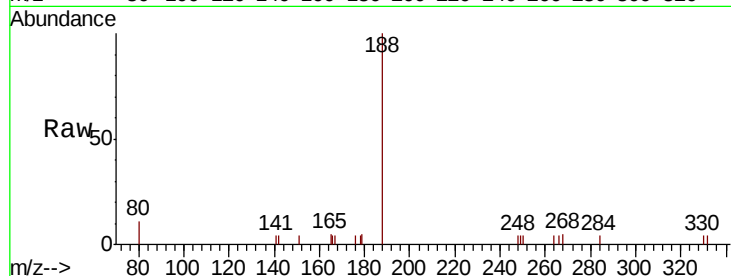
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	188	Resp:	2838
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.1	8.3	12.5

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#20

4-Bromophenyl-phenylether

Concen: 0.170 ng

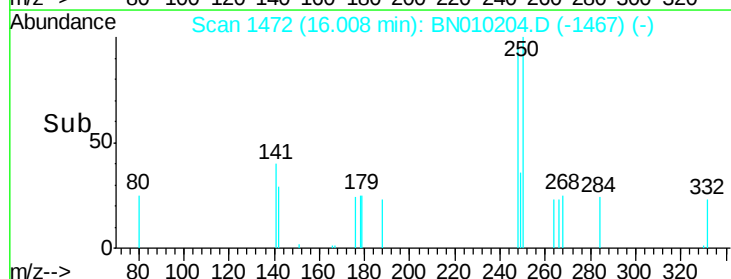
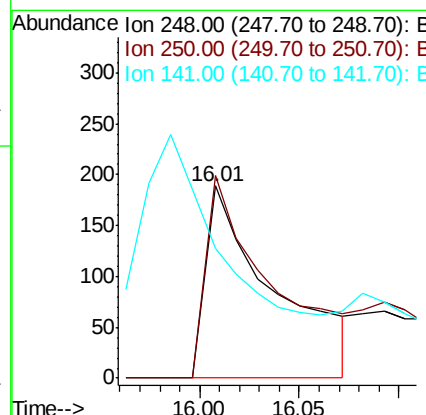
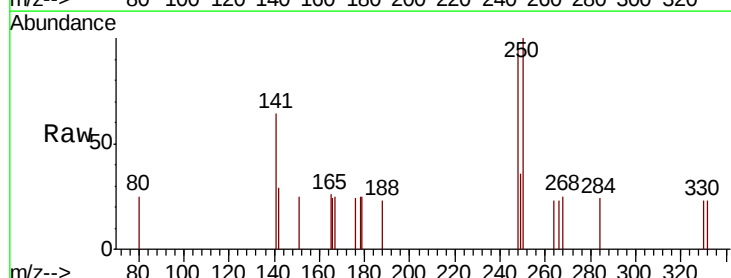
RT: 16.01 min Scan# 1472

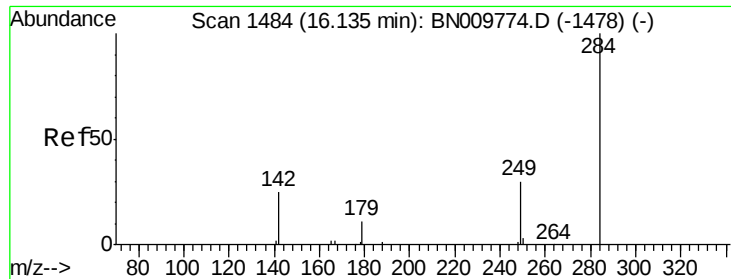
Delta R.T. 0.00 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Tgt Ion:	248	Resp:	452
Ion Ratio	Lower	Upper	
248	100		
250	105.3	76.2	114.4
141	67.7	57.8	86.6





#21

Hexachlorobenzene

Concen: 0.415 ng

RT: 16.09 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

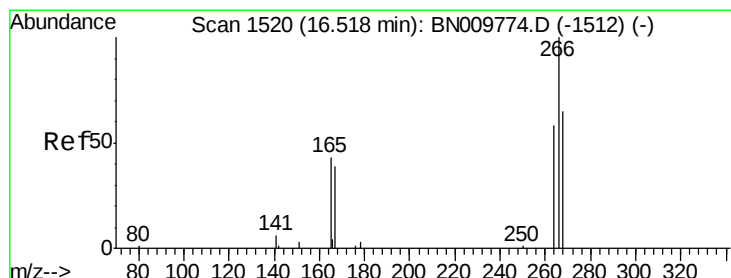
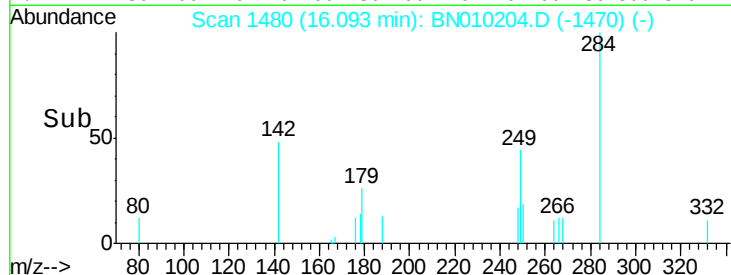
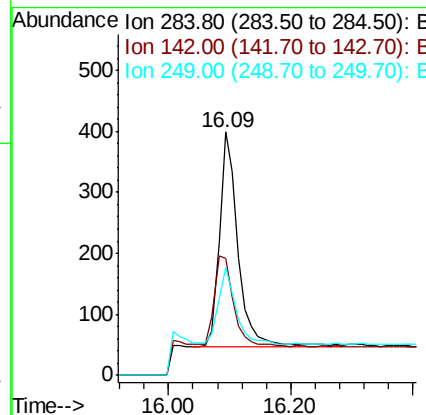
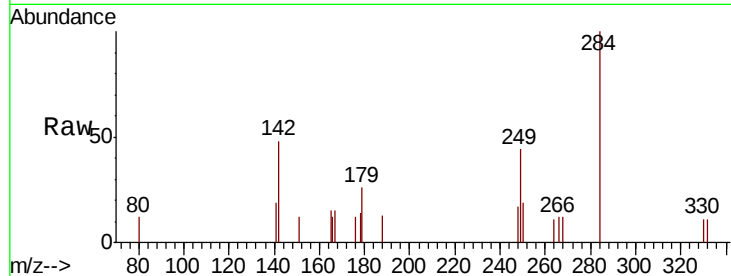
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	284	Resp:	734
Ion Ratio	Lower	Upper	
284	100		
142	43.6	33.3	49.9
249	33.7	25.7	38.5

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#22

Pentachlorophenol

Concen: 0.447 ng

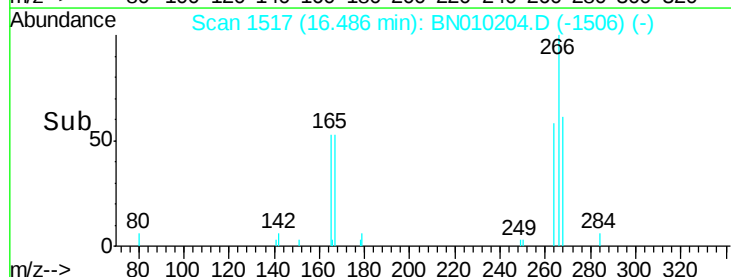
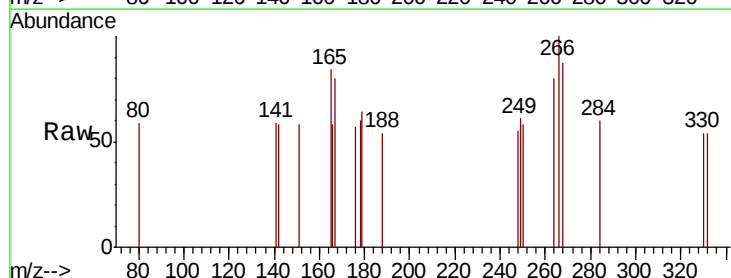
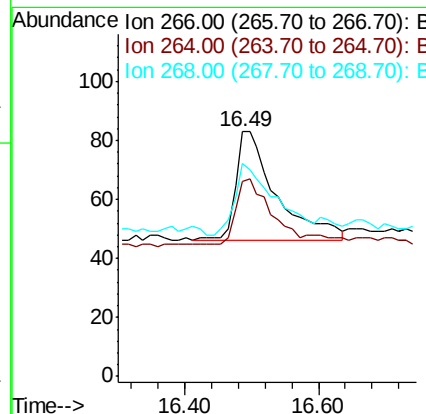
RT: 16.49 min Scan# 1517

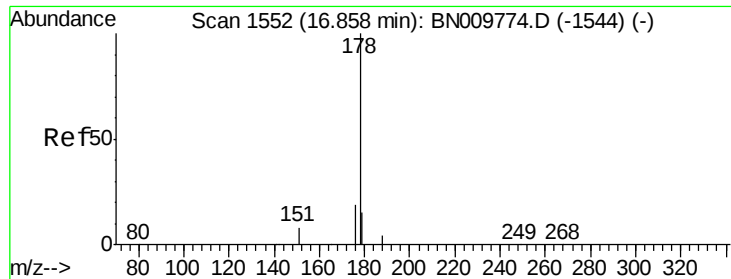
Delta R.T. 0.02 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Tgt Ion:	266	Resp:	159
Ion Ratio	Lower	Upper	
266	100		
264	79.5	58.1	87.1
268	86.7	65.7	98.5





#23

Phenanthrene

Concen: 0.367 ng

RT: 16.83 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

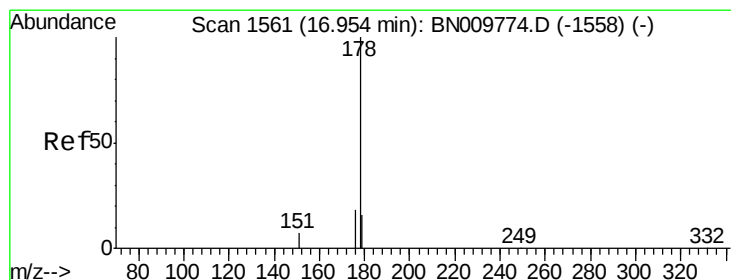
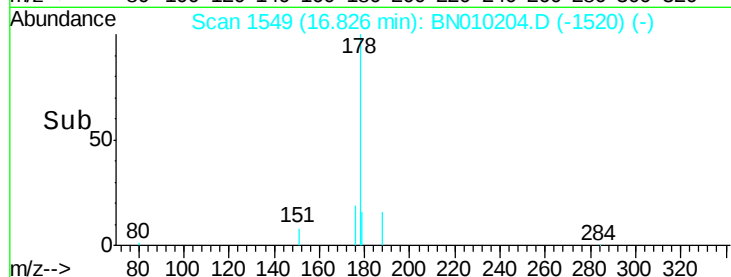
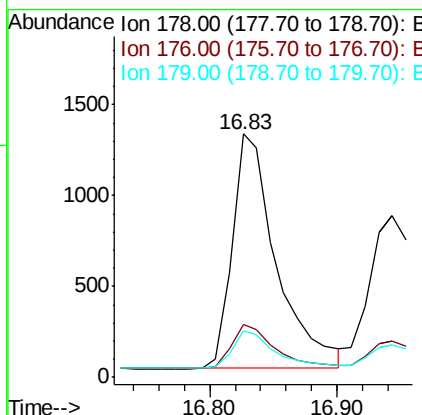
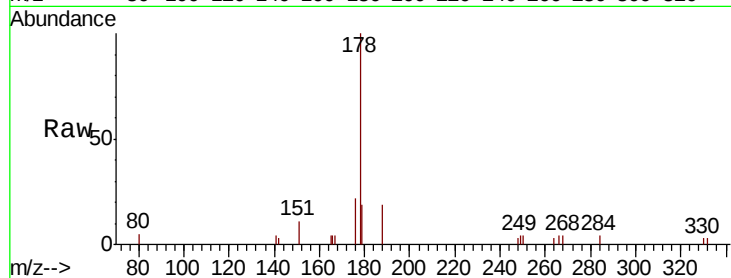
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178	Resp:	3101
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.3 22.9
179	16.0	12.4 18.6

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#24

Anthracene

Concen: 0.368 ng

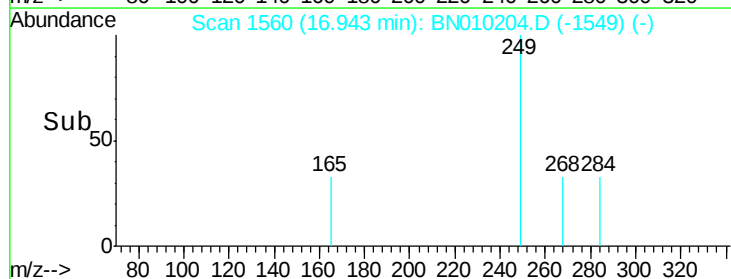
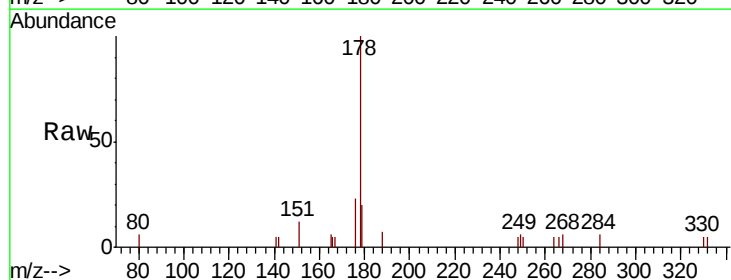
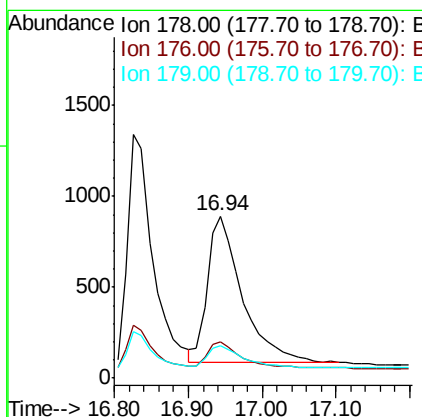
RT: 16.94 min Scan# 1560

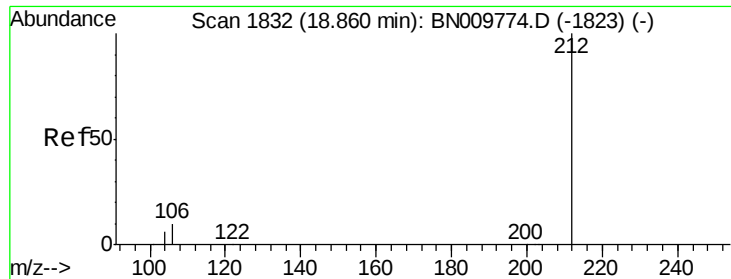
Delta R.T. 0.02 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Tgt Ion:178	Resp:	2626
Ion Ratio	Lower	Upper
178	100	
176	17.5	14.3 21.5
179	15.0	12.4 18.6





#25

Fluoranthene-d10

Concen: 0.395 ng

RT: 18.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

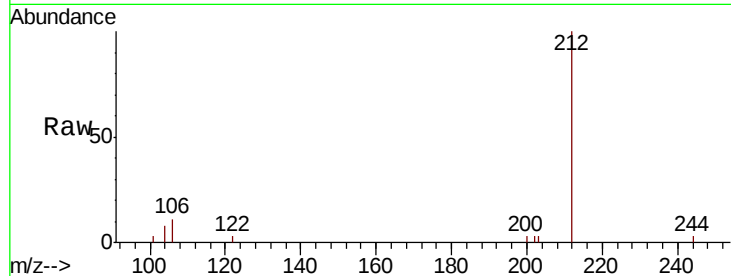
ClientSampleId :

SSTDCCC0.4EC

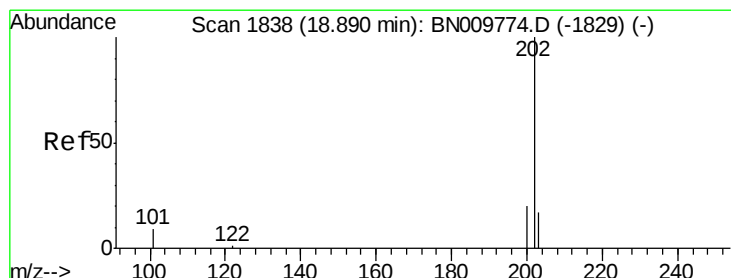
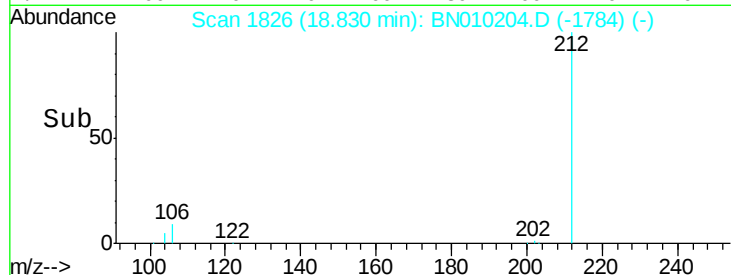
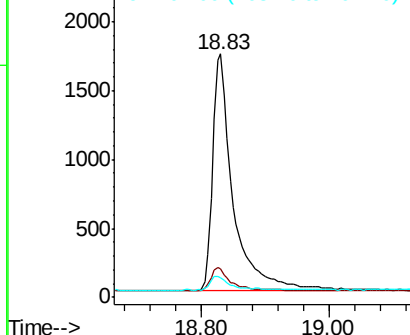
Tot Ion:	212	Resp:	3875
Ion Ratio	Lower	Upper	
212	100		
106	9.0	8.4	12.6
104	5.3	4.8	7.2

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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: 0.391 ng

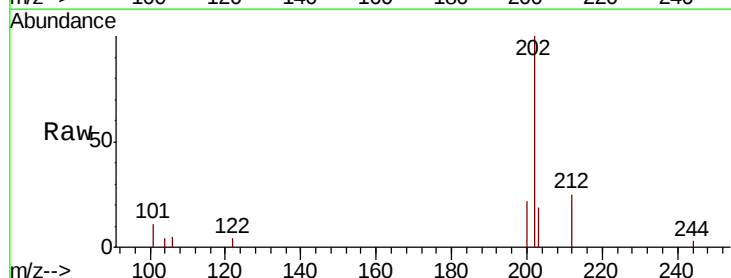
RT: 18.86 min Scan# 1832

Delta R.T. 0.01 min

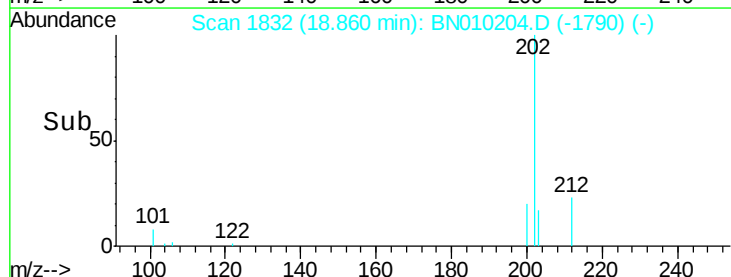
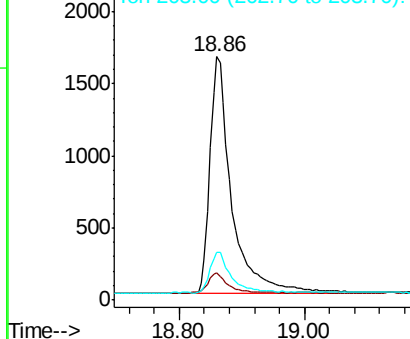
Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Tgt Ion:	202	Resp:	3959
Ion Ratio	Lower	Upper	
202	100		
101	8.4	7.1	10.7
203	16.6	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: 21.00 min Scan# 2157

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:240 Resp: 2599

Ion Ratio Lower Upper

240 100

120 11.9 7.9 11.9#

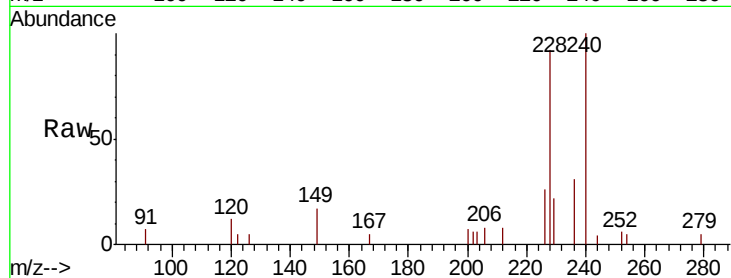
236 30.6 22.0 33.0

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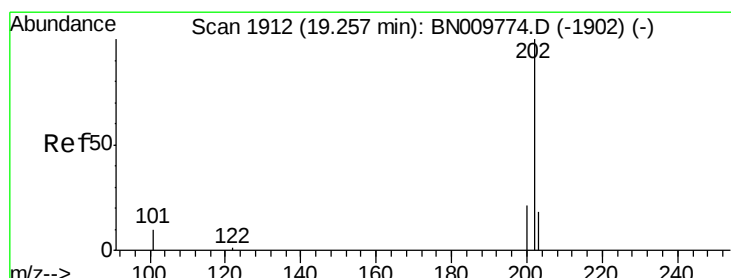
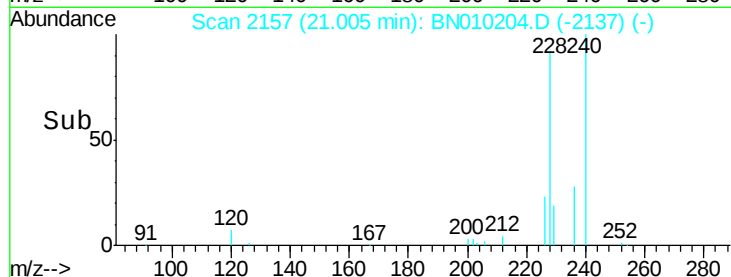
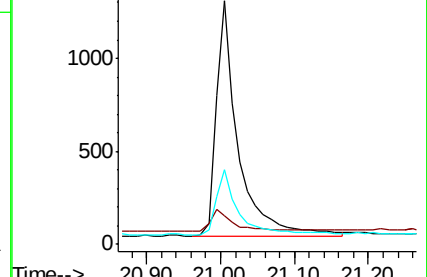
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.408 ng

RT: 19.23 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Tgt Ion:202 Resp: 4029

Ion Ratio Lower Upper

202 100

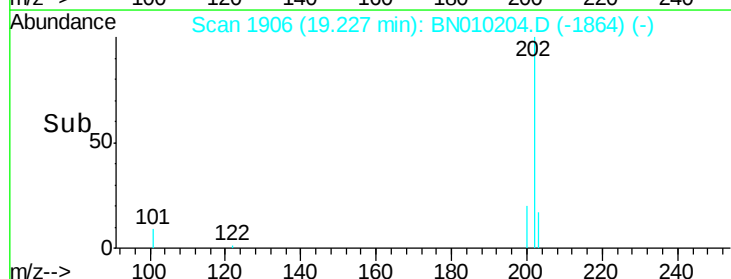
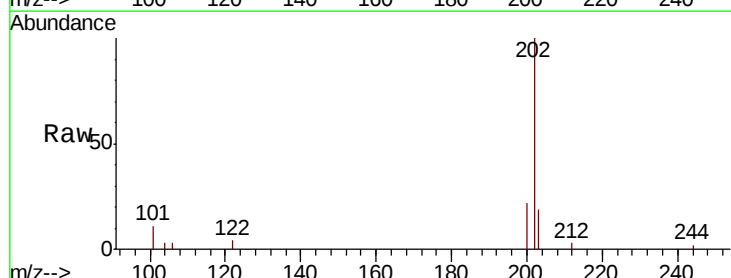
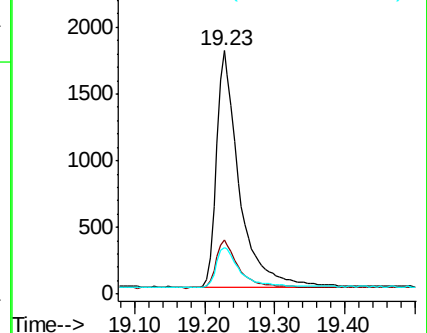
200 20.2 16.4 24.6

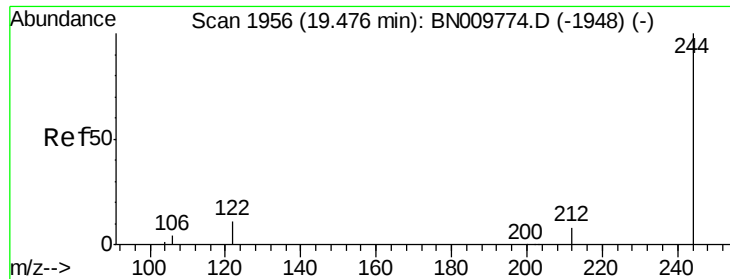
203 17.6 13.9 20.9

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: 0.433 ng

RT: 19.45 min Scan# 1950

Delta R.T. 0.02 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

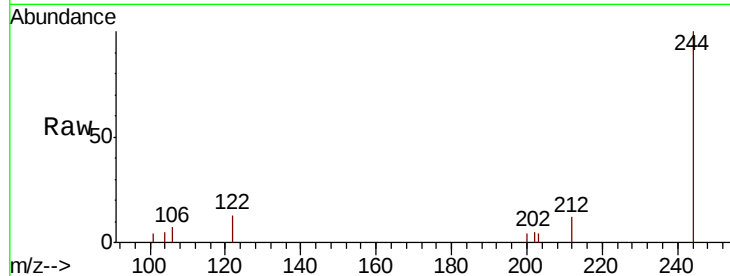
ClientSampleId :

SSTDCCC0.4EC

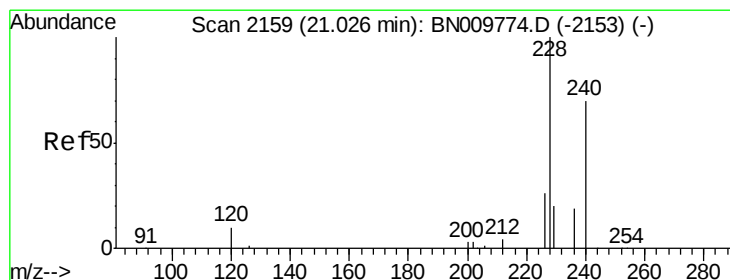
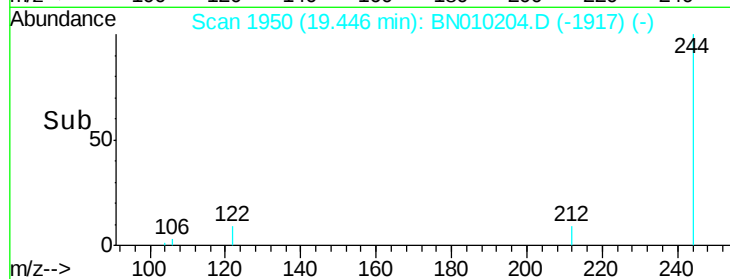
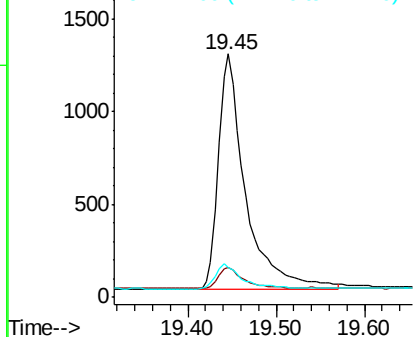
Tot Ion:	244	Resp:	2687
Ion Ratio	Lower	Upper	
244	100		
212	12.1	8.0	12.0#
122	12.5	10.0	15.0

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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: 0.333 ng

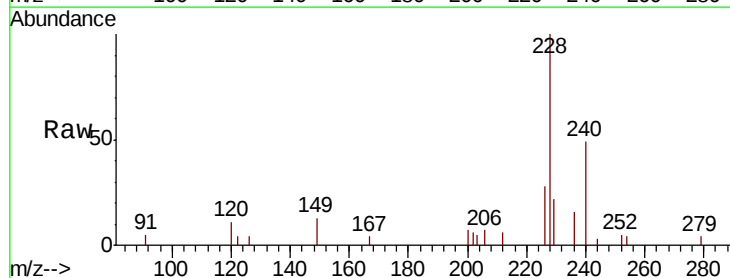
RT: 20.99 min Scan# 2156

Delta R.T. 0.01 min

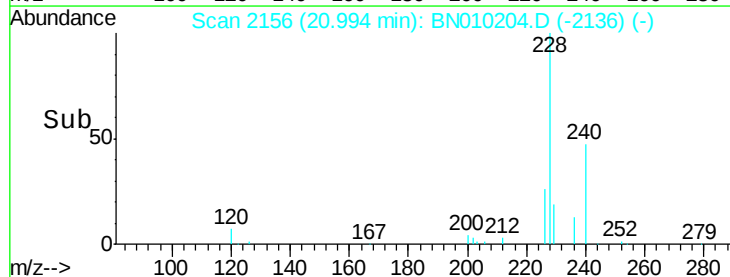
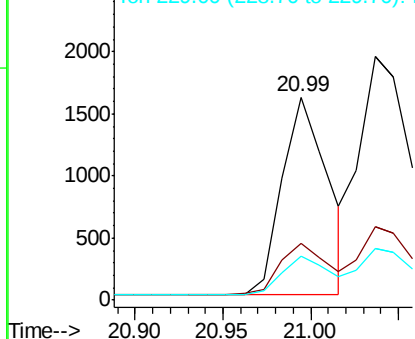
Lab File: BN010204.D

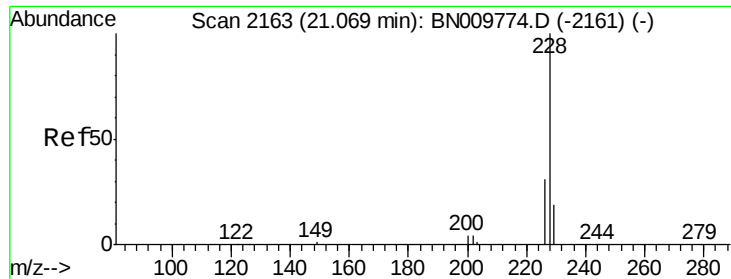
Acq: 11 Mar 2020 22:22

Tgt Ion:	228	Resp:	2875
Ion Ratio	Lower	Upper	
228	100		
226	28.2	21.8	32.8
229	21.6	17.1	25.7



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





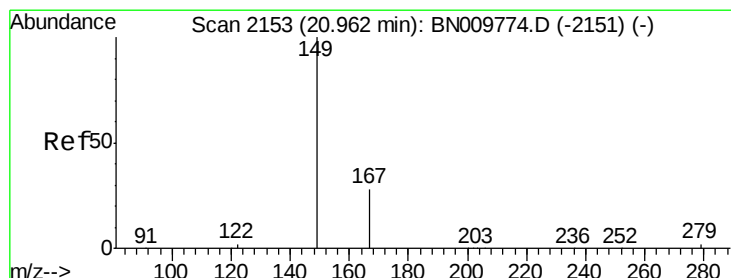
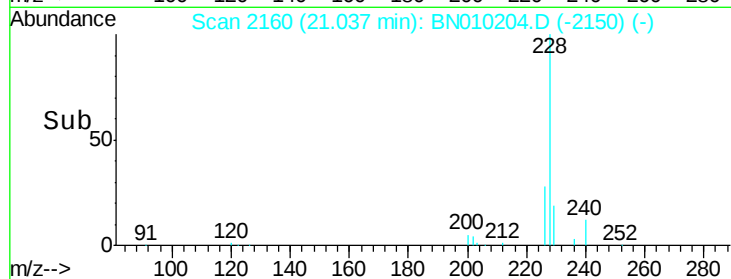
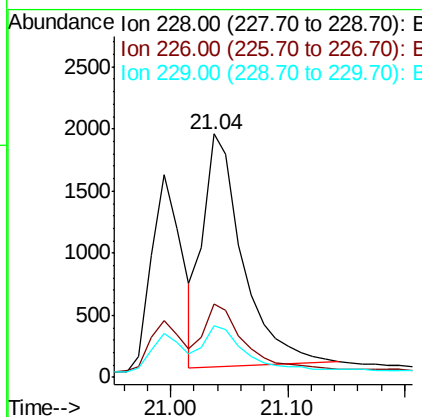
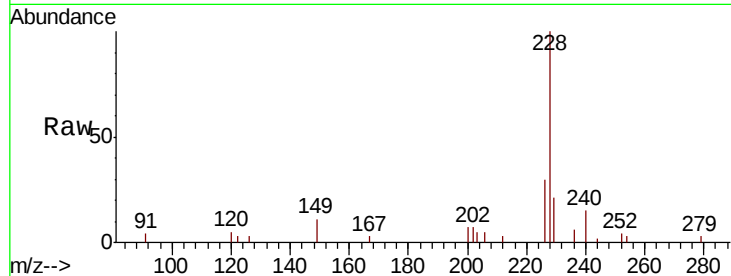
#31
 Chrysene
 Concen: 0.444 ng
 RT: 21.04 min Scan# 2160
 Delta R.T. 0.01 min
 Lab File: BN010204.D
 Acq: 11 Mar 2020 22:22

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.8	37.2
229	21.1	16.4	24.6

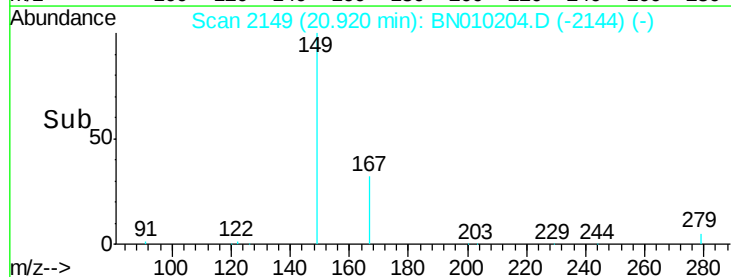
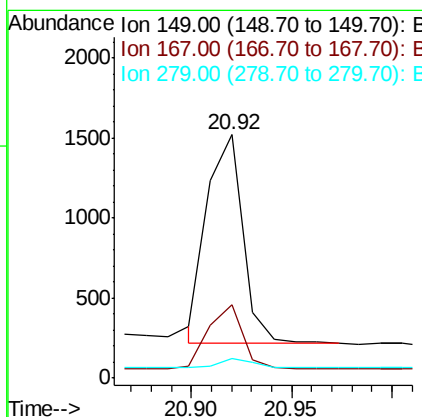
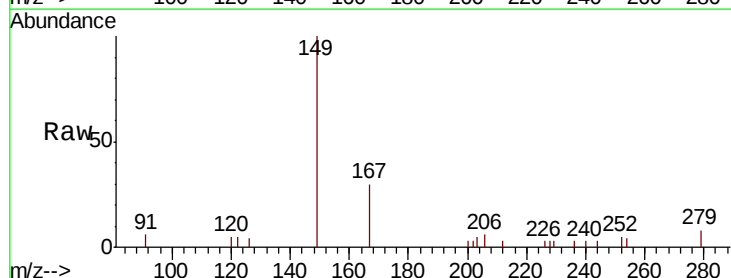
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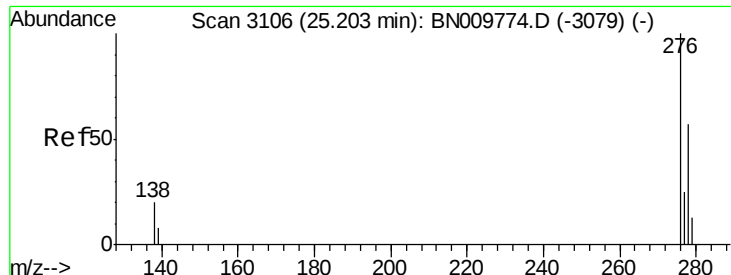
mohammad
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.388 ng
 RT: 20.92 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BN010204.D
 Acq: 11 Mar 2020 22:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.7	34.1
279	3.9	3.1	4.7





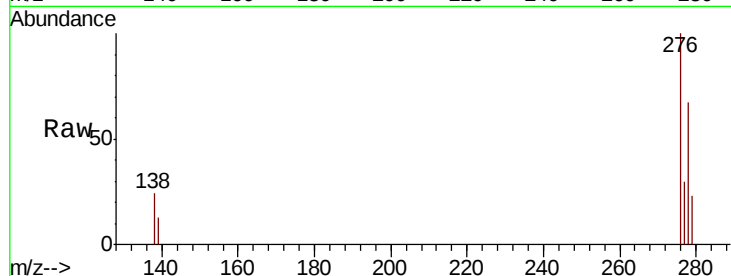
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng
RT: 25.15 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	15.8	23.6
277	22.5	19.3	28.9

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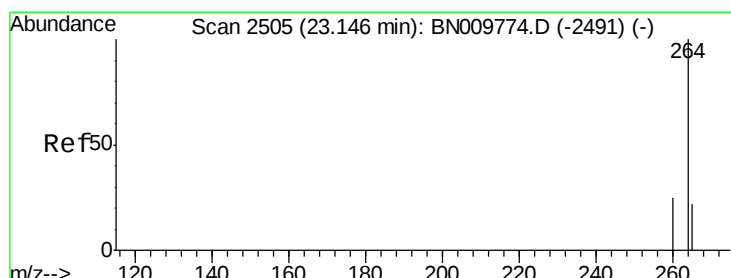
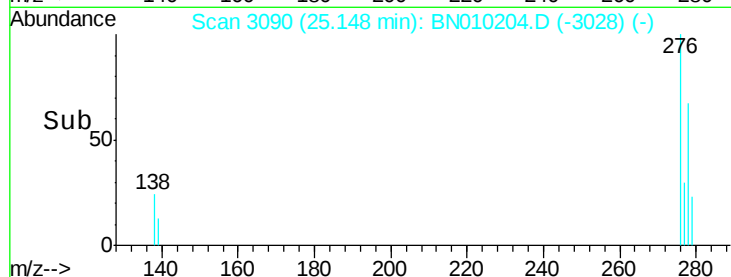
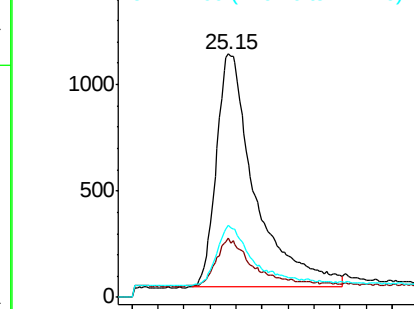


Abundance

Ion 276.00 (275.70 to 276.70): E

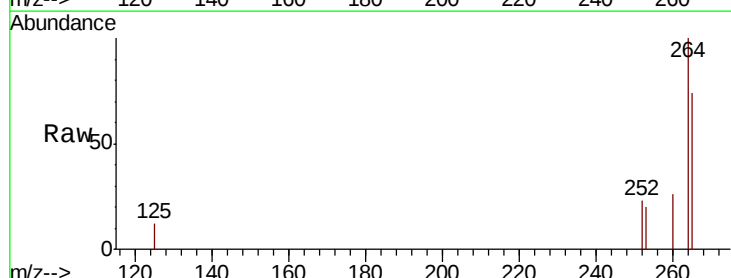
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.1	31.7
265	73.9	57.5	86.3

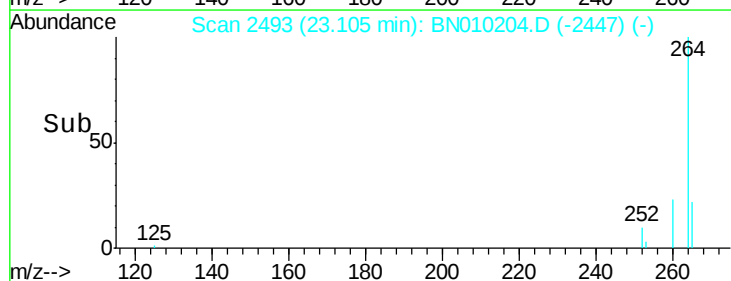
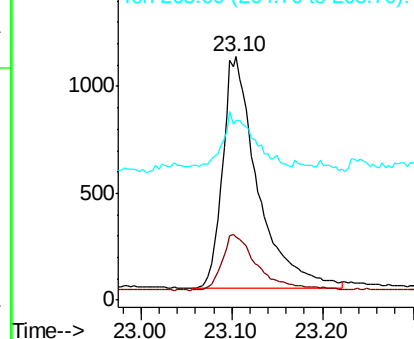


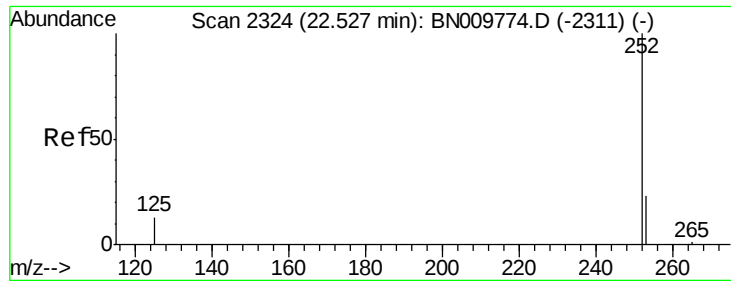
Abundance

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: 0.356 ng

RT: 22.49 min Scan# 2314

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

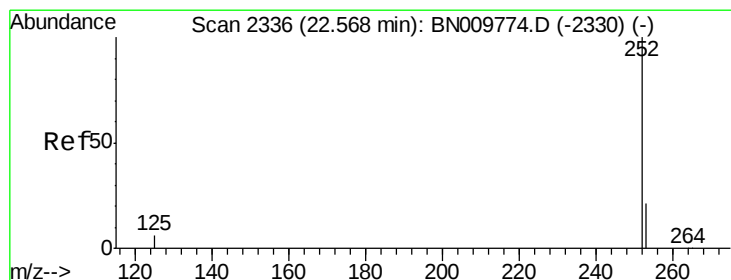
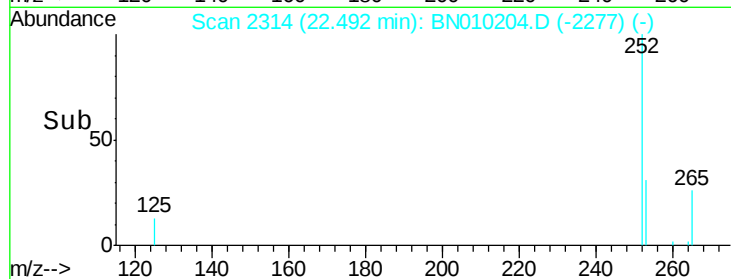
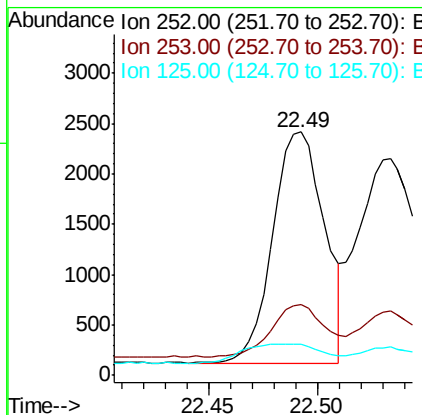
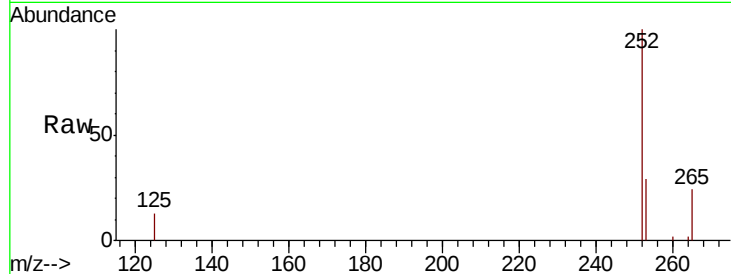
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.3	23.0	34.6
125	12.6	14.4	21.6

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#36

Benzo(k)fluoranthene

Concen: 0.406 ng

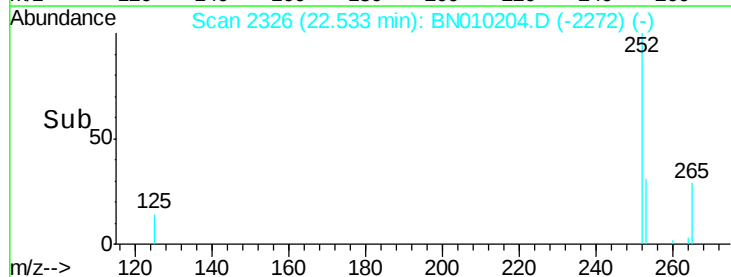
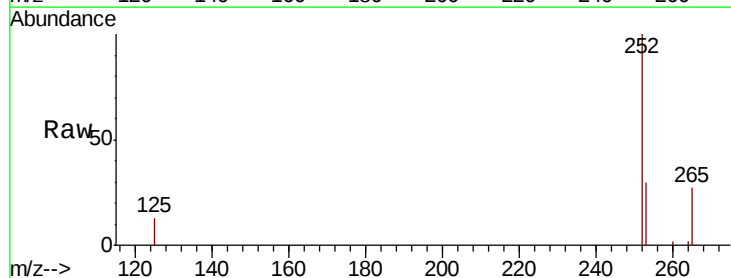
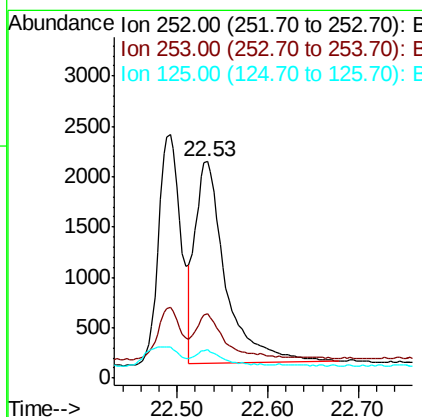
RT: 22.53 min Scan# 2326

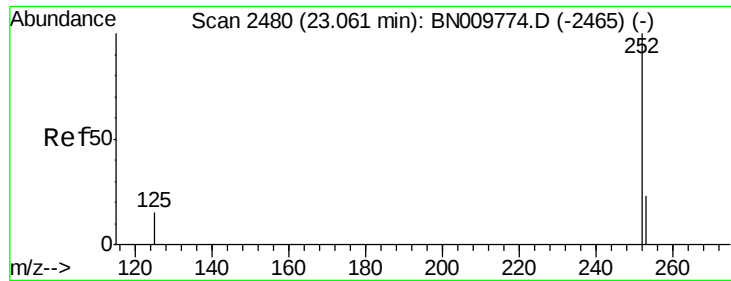
Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.6	22.2	33.2
125	13.1	10.5	15.7





#37

Benzo(a)pyrene

Concen: 0.403 ng

RT: 23.02 min Scan# 2469

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

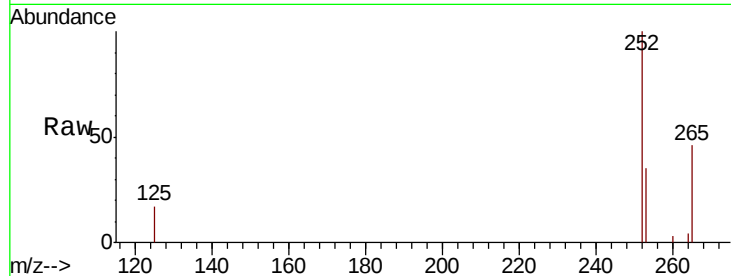
ClientSampleId :

SSTDCCC0.4EC

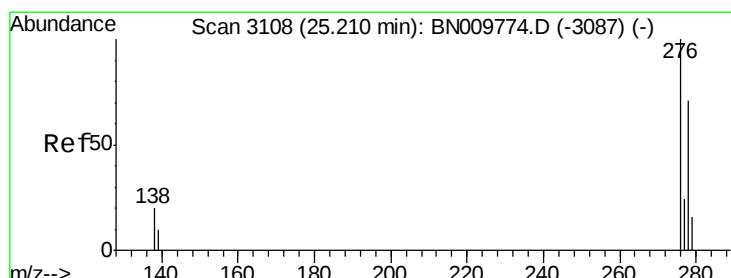
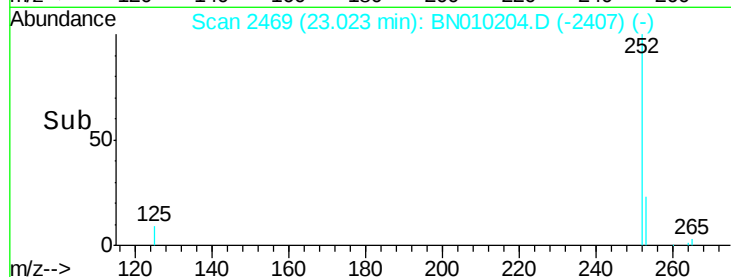
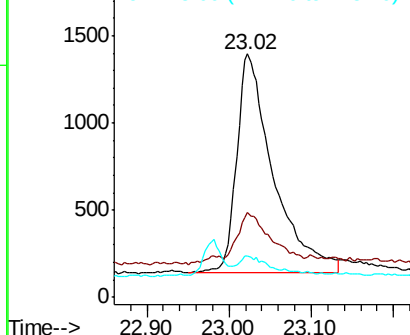
Tot Ion:	252	Resp:	3897
Ion Ratio	Lower	Upper	
252	100		
253	35.1	25.3	37.9
125	16.9	17.7	26.5#

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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: 0.369 ng

RT: 25.16 min Scan# 3093

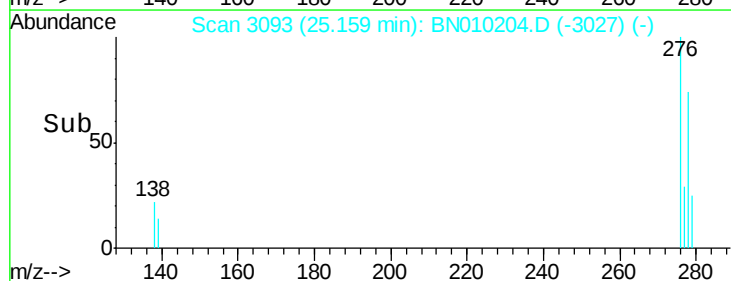
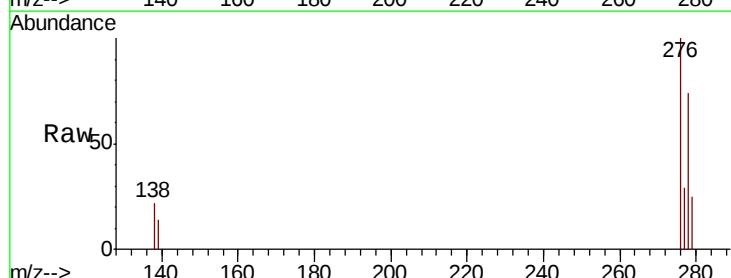
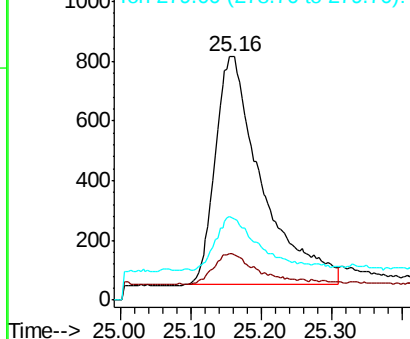
Delta R.T. 0.03 min

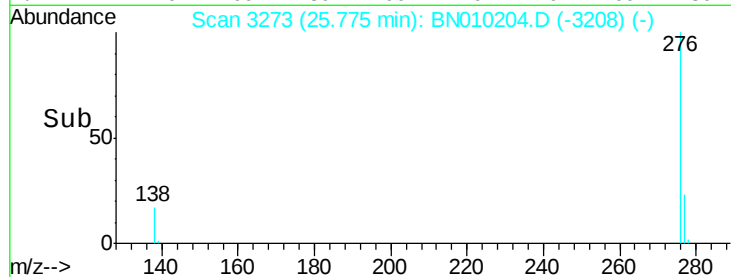
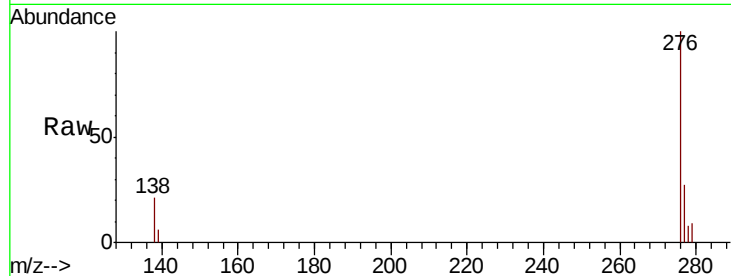
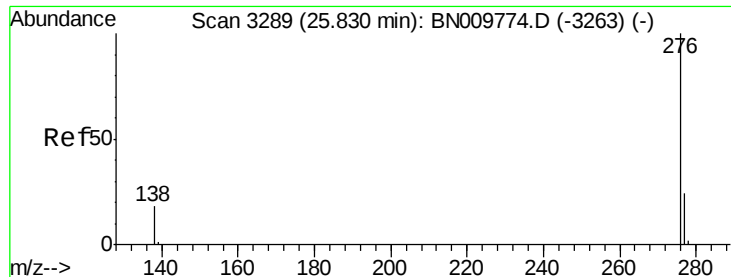
Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Tgt Ion:	278	Resp:	3508
Ion Ratio	Lower	Upper	
278	100		
139	19.1	14.5	21.7
279	33.9	24.3	36.5

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: 0.424 ng

RT: 25.77 min Scan# 3273

Delta R.T. 0.02 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Tot Ion:	276	Resp:	4298
Ion Ratio	Lower	Upper	
276	100		
277	27.4	21.4	32.0
138	20.7	16.6	24.8

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

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