

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
 Data File : BN004664.D
 Acq On : 08 Mar 2019 07:10
 Operator : JU/SJ
 Sample : K1657-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 08 08:20:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 08 00:36:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	36066	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	176168	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	109797	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	256831	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	271657	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	223770	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	3657	5.72	ng/uL	0.00
5) Phenol-d5	6.88	99	45558	15.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	26572	17.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	42651	16.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	41996	16.20	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	23748	17.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	27590	18.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	47530	16.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	23508	6.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	176067	18.55	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	193883	16.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	23122	13.12	ng/ul	0.00
58) Fluorene-d10	15.36	176	144986	17.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	27917	15.75	ng/ul	0.00
71) Anthracene-d10	17.21	188	219173	17.52	ng/ul	0.00
79) Pyrene-d10	19.51	212	230672	17.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	170292	14.17	ng/ul	-0.01

Target Compounds

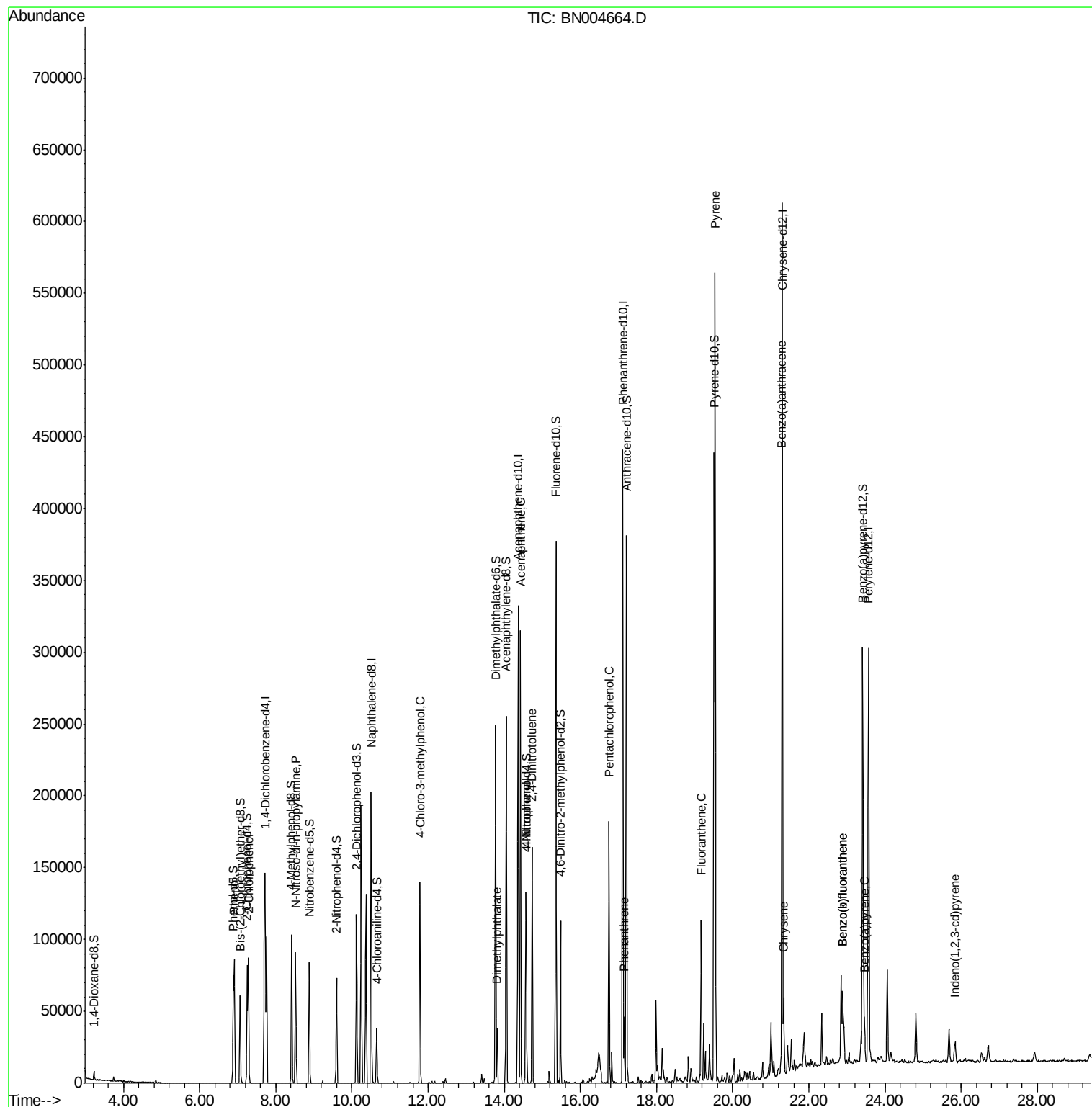
					Ovalue
6) Phenol	6.91	94	49737	16.398	ng/ul 100
10) 2-Chlorophenol	7.28	128	42023	16.105	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.52	70	35221	19.194	ng/ul 98
33) 4-Chloro-3-methylphenol	11.79	107	51434	16.767	ng/ul 99
45) Dimethylphthalate	13.82	163	27020	2.901	ng/ul 99
50) Acenaphthene	14.43	153	131426	17.217	ng/ul 99
53) 4-Nitrophenol	14.57	109	19863	15.515	ng/ul 98
55) 2,4-Dinitrotoluene	14.73	165	52296	18.772	ng/ul 100
69) Pentachlorophenol	16.76	266	35438	15.718	ng/ul 98
70) Phenanthrene	17.15	178	28875	2.022	ng/ul 99
77) Fluoranthene	19.17	202	69317	4.210	ng/ul 99
80) Pyrene	19.54	202	334494	20.310	ng/ul 100
83) Benzo(a)anthracene	21.29	228	37813	2.213	ng/ul 98
85) Chrysene	21.34	228	34988	2.205	ng/ul 97
88) Benzo(b)fluoranthene	22.88	252	44454	3.201	ng/ul 99
89) Benzo(k)fluoranthene	22.88	252	44454	3.255	ng/ul 98
91) Benzo(a)pyrene	23.46	252	23730	1.816	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.83	276	15784	1.109	ng/ul 96

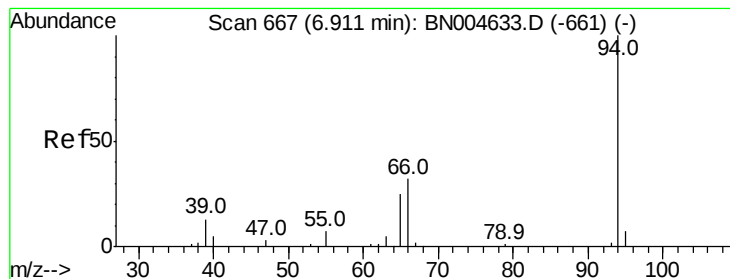
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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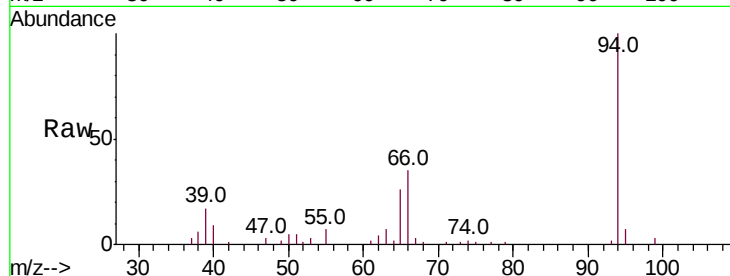
#6

Phenol

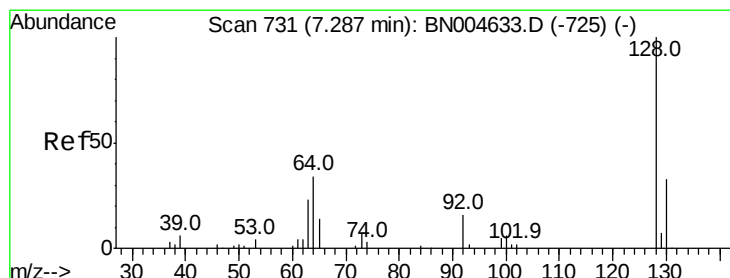
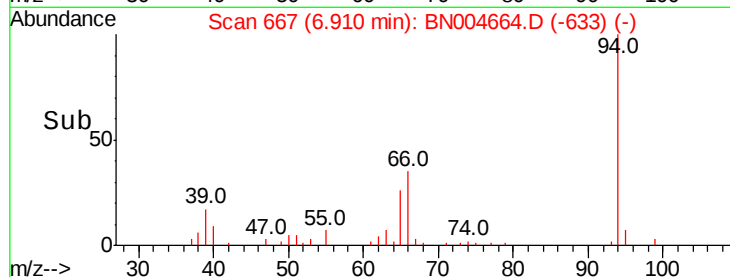
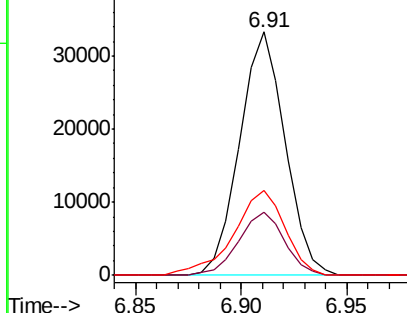
Concen: 16.398 ng/ul
 RT: 6.91 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BN004664.D
 Acq: 08 Mar 2019 07:10

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 94 Resp: 49737
 Ion Ratio Lower Upper
 94 100
 65 25.7 20.2 30.4
 66 35.1 28.2 42.2



Abundance Ion 94.00 (93.70 to 94.70): BN0
 Ion 65.00 (64.70 to 65.70): BN0
 Ion 66.00 (65.70 to 66.70): BN0

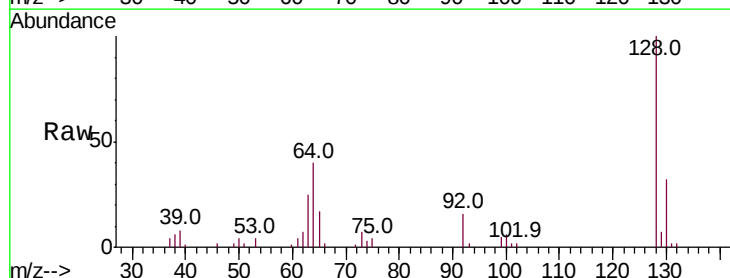


#10

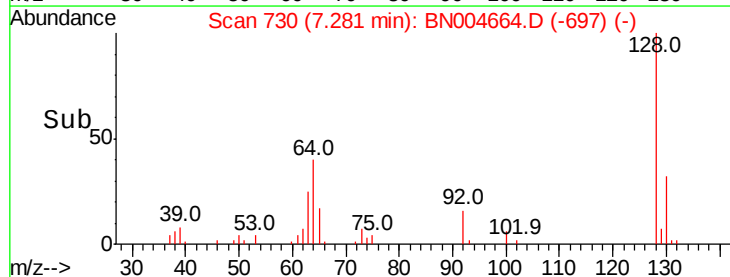
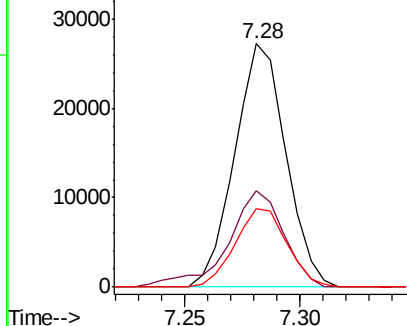
2-Chlorophenol

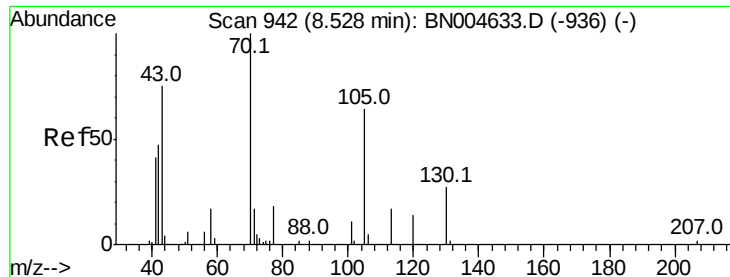
Concen: 16.105 ng/ul
 RT: 7.28 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BN004664.D
 Acq: 08 Mar 2019 07:10

Tgt Ion:128 Resp: 42023
 Ion Ratio Lower Upper
 128 100
 64 39.6 31.0 46.6
 130 32.3 26.1 39.1



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 130.00 (129.70 to 130.70): E





#15

N-Nitroso-di-n-propylamine

Concen: 19.194 ng/ul

RT: 8.52 min Scan# 941

Delta R.T. -0.01 min

Lab File: BN004664.D

Acq: 08 Mar 2019 07:10

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 35221

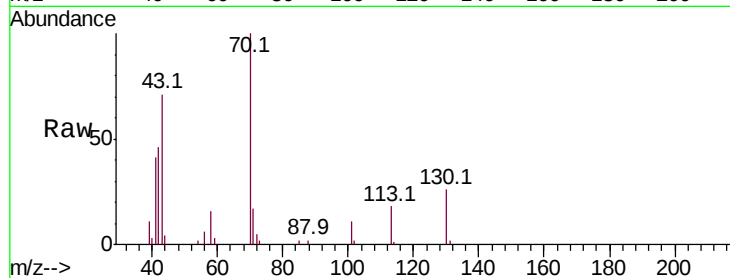
Ion Ratio Lower Upper

70 100

42 46.5 38.6 58.0

101 11.2 8.4 12.6

130 26.0 19.9 29.9

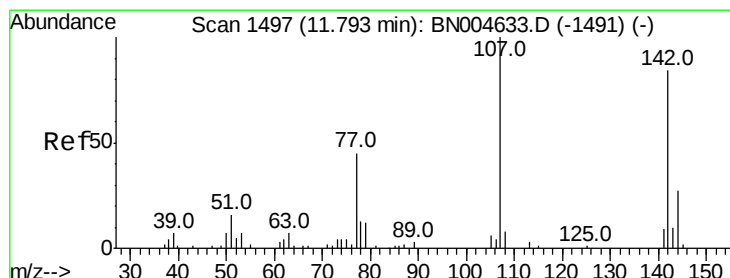
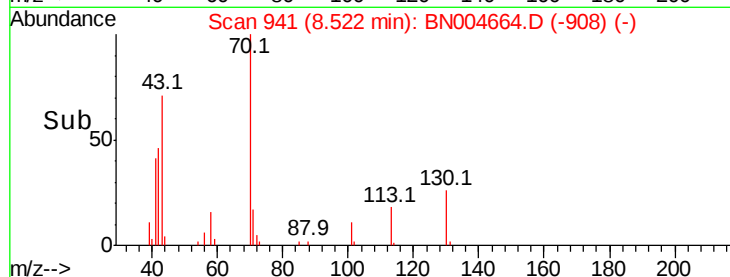
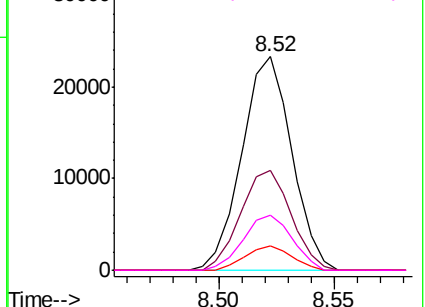


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 16.767 ng/ul

RT: 11.79 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN004664.D

Acq: 08 Mar 2019 07:10

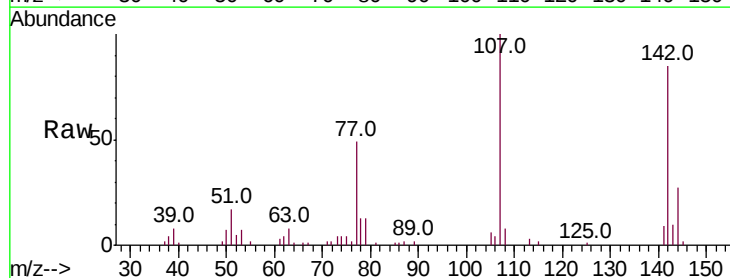
Tgt Ion:107 Resp: 51434

Ion Ratio Lower Upper

107 100

144 27.3 22.2 33.4

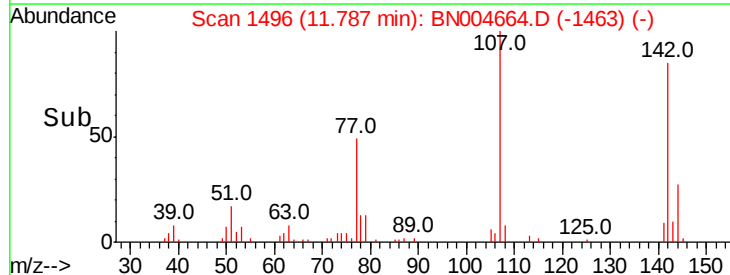
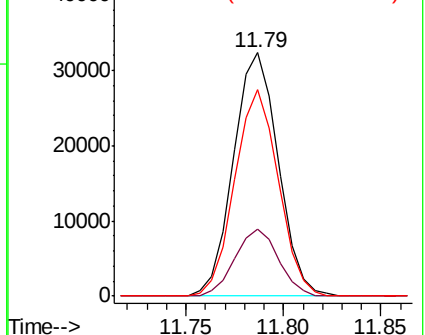
142 85.1 67.4 101.0

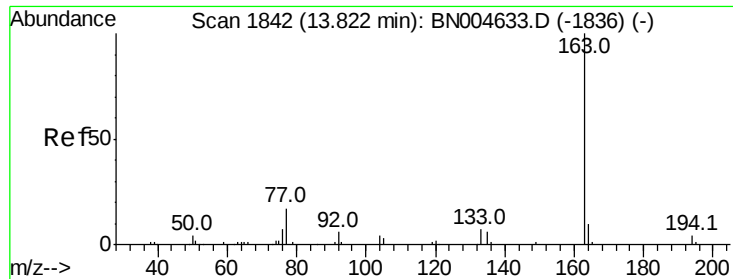


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

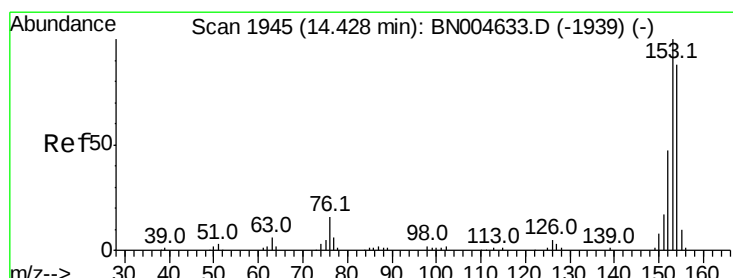
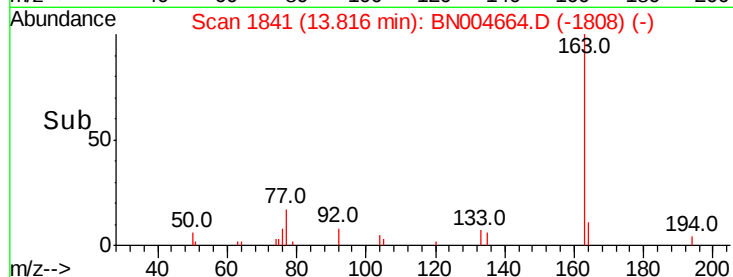
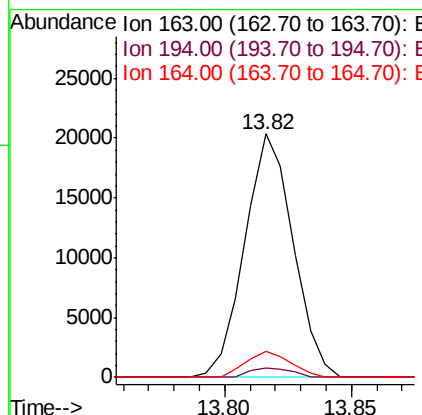
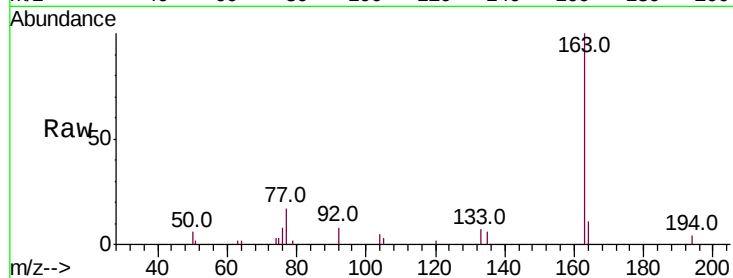




#45
Dimethylphthalate
Concen: 2.901 ng/ul
RT: 13.82 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BN004664.D
Acq: 08 Mar 2019 07:10

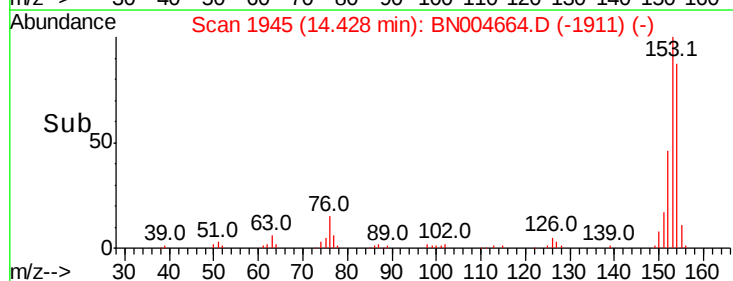
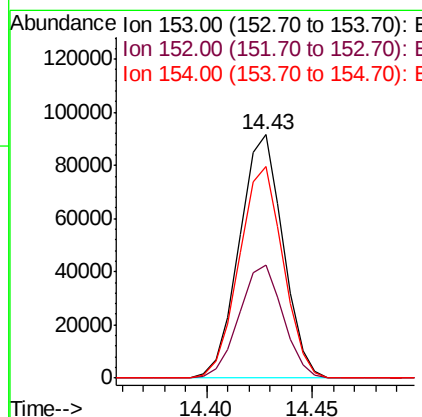
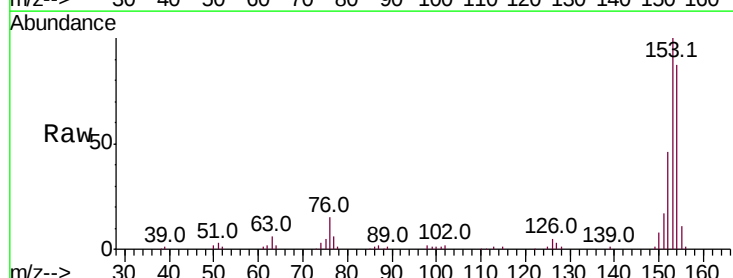
Instrument :
BNA_N
ClientSampled :

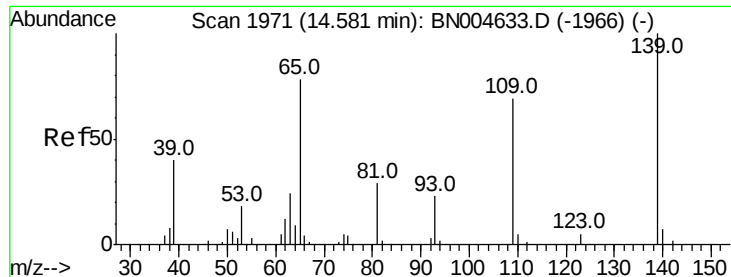
Tot Ion:163 Resp: 27020
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.5 7.9 11.9



#50
Acenaphthene
Concen: 17.217 ng/ul
RT: 14.43 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BN004664.D
Acq: 08 Mar 2019 07:10

Tgt Ion:153 Resp: 131426
Ion Ratio Lower Upper
153 100
152 46.5 37.8 56.6
154 86.8 70.0 105.0

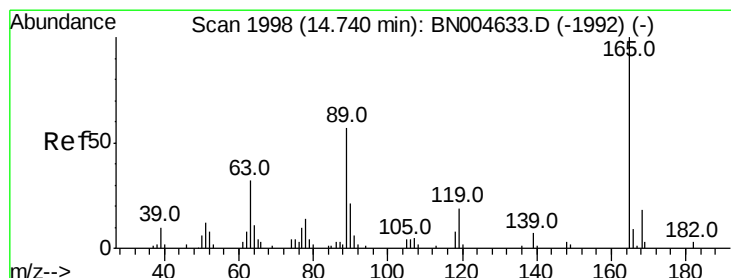
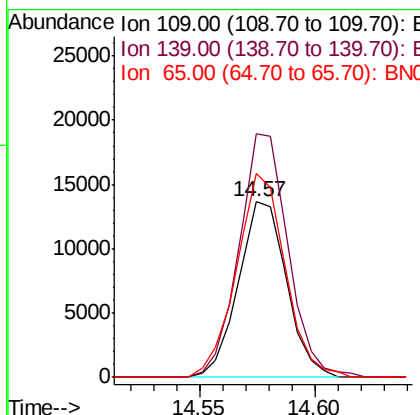
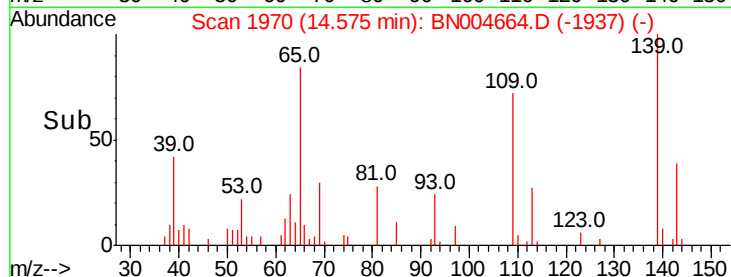
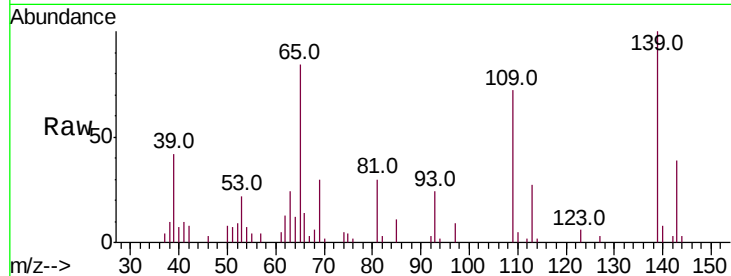




#53
4-Nitrophenol
Concen: 15.515 ng/ul
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BN004664.D
Acq: 08 Mar 2019 07:10

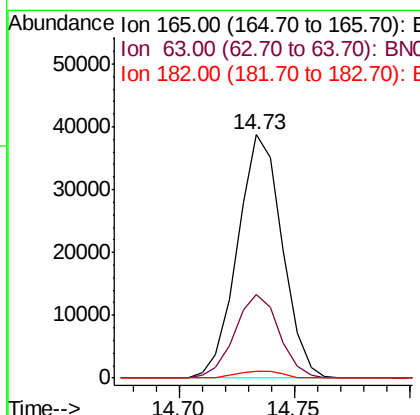
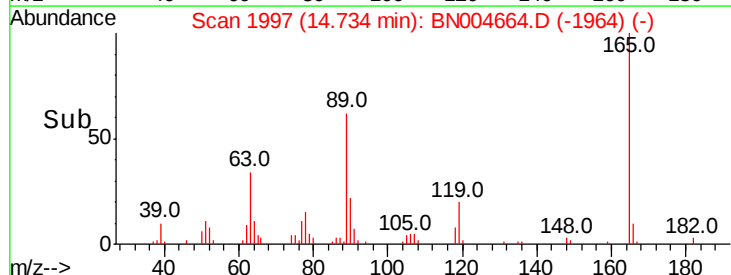
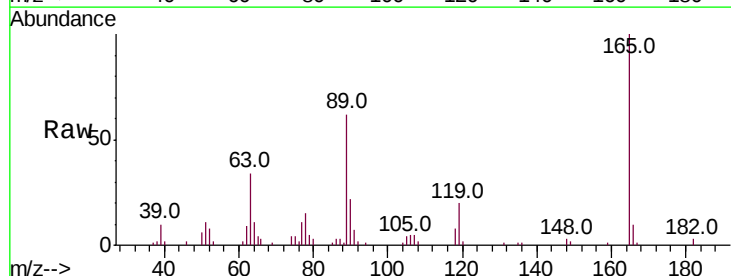
Instrument :
BNA_N
ClientSampled :

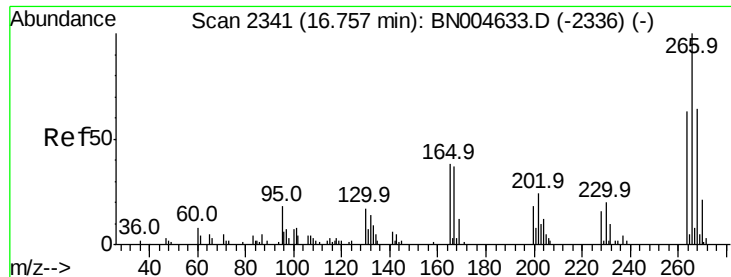
Tot Ion:109 Resp: 19863
Ion Ratio Lower Upper
109 100
139 139.0 112.1 168.1
65 116.5 90.3 135.5



#55
2,4-Dinitrotoluene
Concen: 18.772 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BN004664.D
Acq: 08 Mar 2019 07:10

Tgt Ion:165 Resp: 52296
Ion Ratio Lower Upper
165 100
63 34.4 27.6 41.4
182 3.0 2.3 3.5

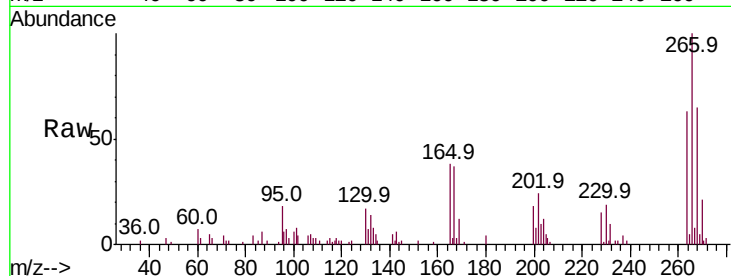




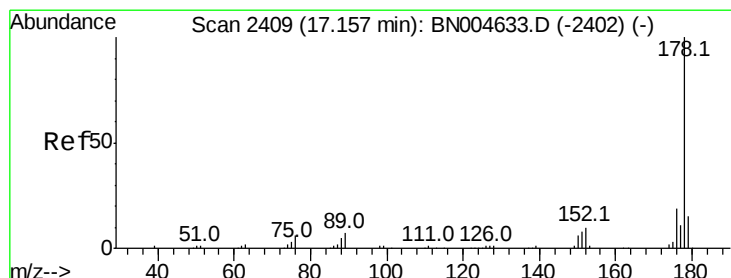
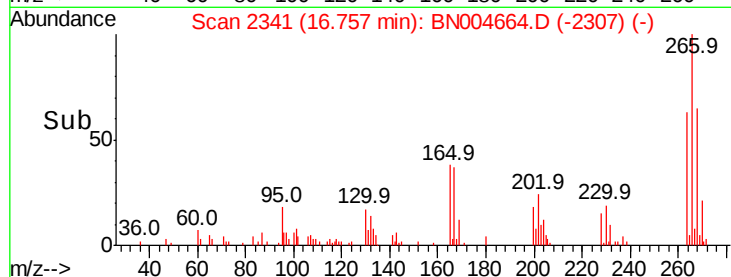
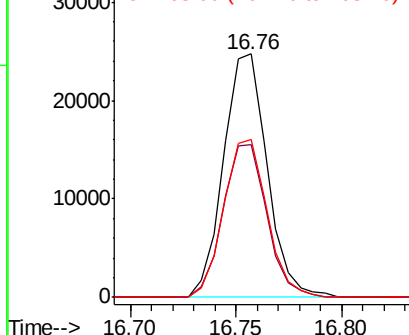
#69
 Pentachlorophenol
 Concen: 15.718 ng/ul
 RT: 16.76 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BN004664.D
 Acq: 08 Mar 2019 07:10

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.3	75.5
268	65.1	49.6	74.4

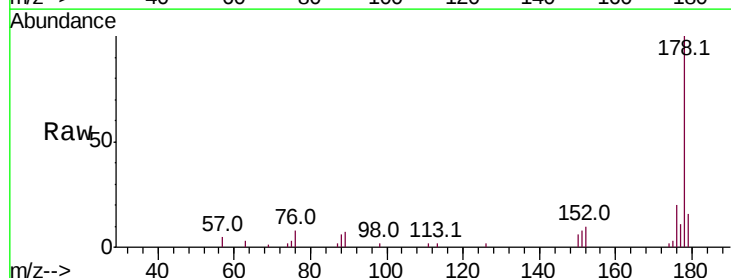


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

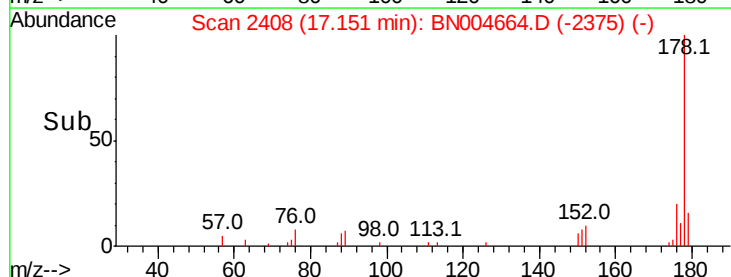
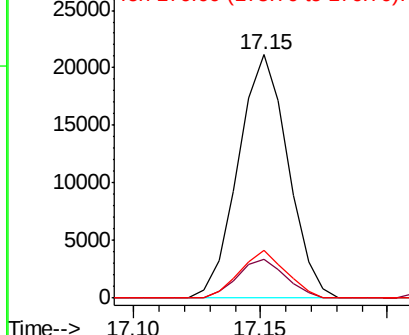


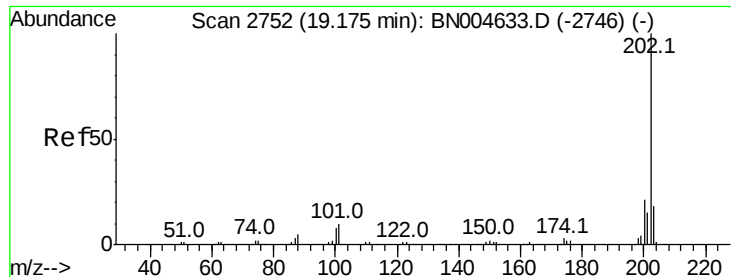
#70
 Phenanthrene
 Concen: 2.022 ng/ul
 RT: 17.15 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BN004664.D
 Acq: 08 Mar 2019 07:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.5	15.4	23.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 4.210 ng/ul

RT: 19.17 min Scan# 2751

Delta R.T. -0.01 min

Lab File: BN004664.D

Acq: 08 Mar 2019 07:10

Instrument :

BNA_N

ClientSampleId :

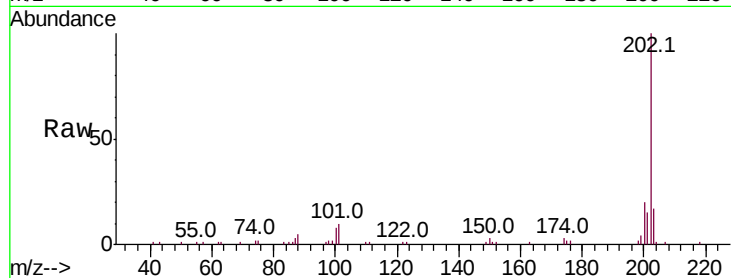
Tot Ion:202 Resp: 69317

Ion Ratio Lower Upper

202 100

101 10.1 8.2 12.4

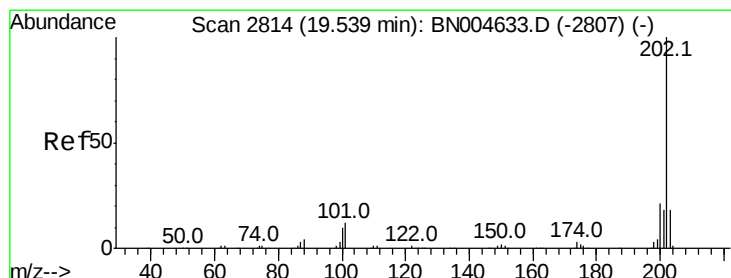
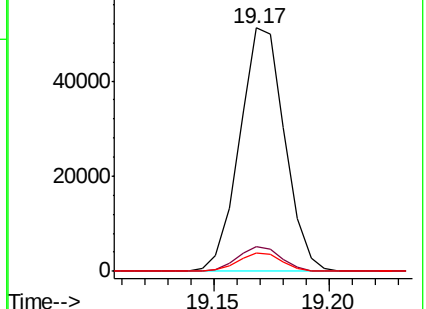
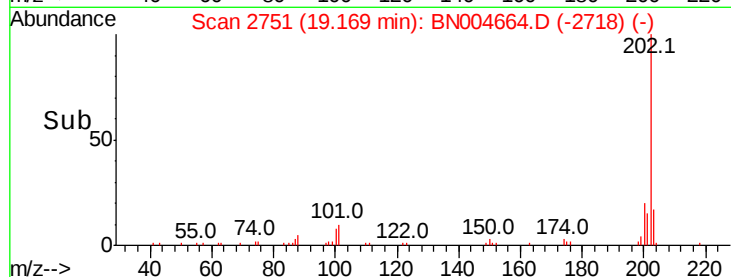
100 7.6 6.6 9.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 20.310 ng/ul

RT: 19.54 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BN004664.D

Acq: 08 Mar 2019 07:10

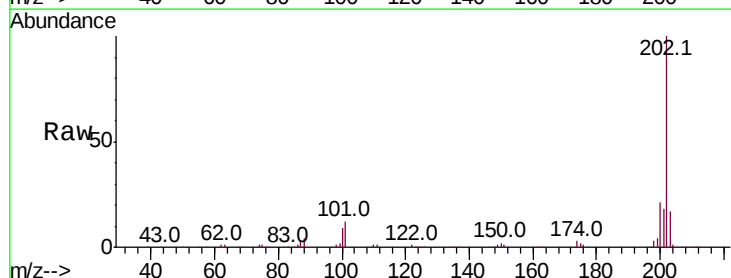
Tgt Ion:202 Resp: 334494

Ion Ratio Lower Upper

202 100

101 11.5 9.2 13.8

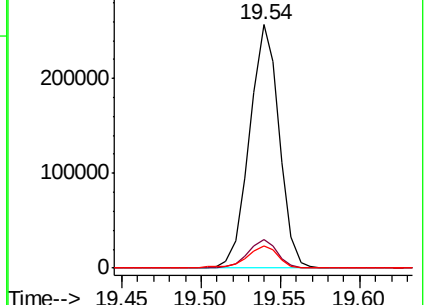
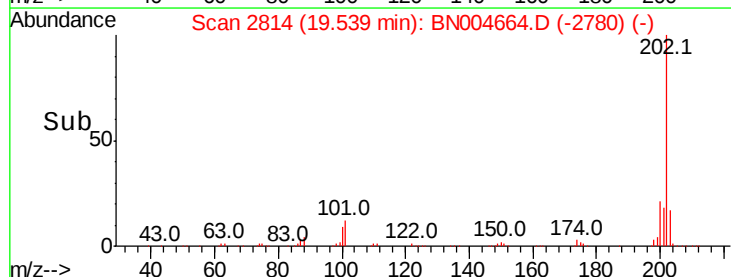
100 9.2 7.5 11.3

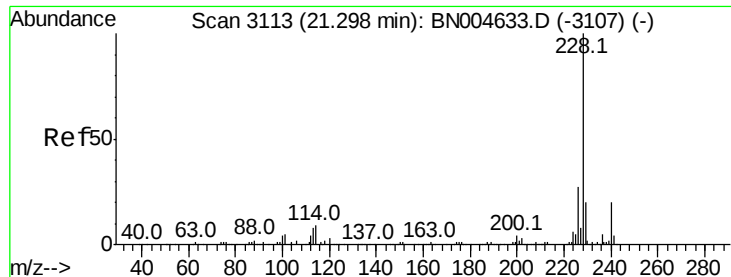


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 2.213 ng/ul

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BN004664.D

Acq: 08 Mar 2019 07:10

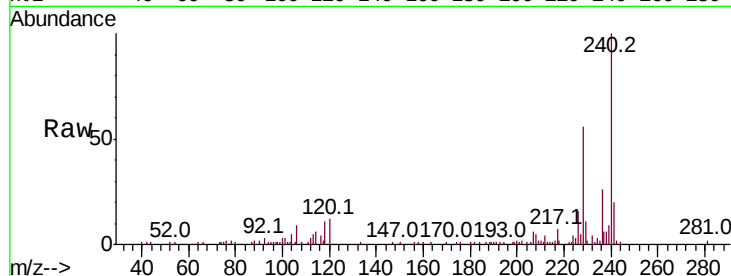
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 37813

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.2
226	28.1	21.4	32.2

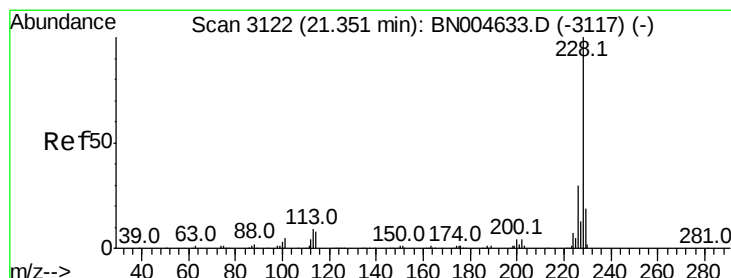
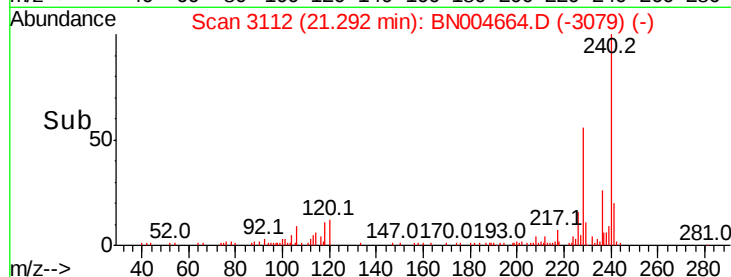
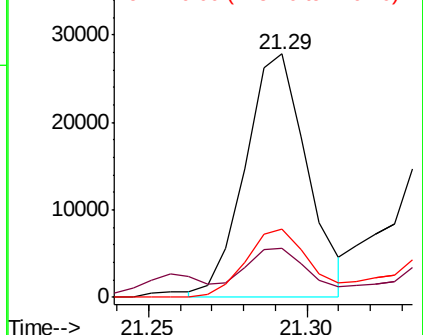


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 2.205 ng/ul

RT: 21.34 min Scan# 3120

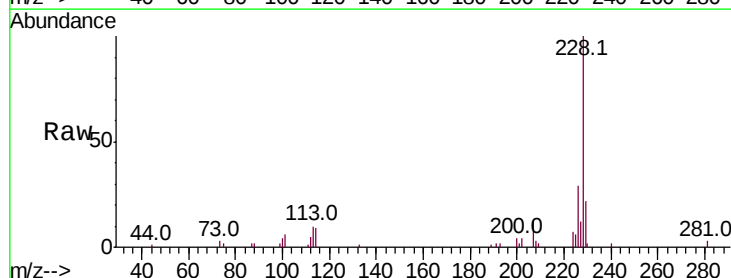
Delta R.T. -0.01 min

Lab File: BN004664.D

Acq: 08 Mar 2019 07:10

Tgt Ion:228 Resp: 34988

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	22.5	15.7	23.5

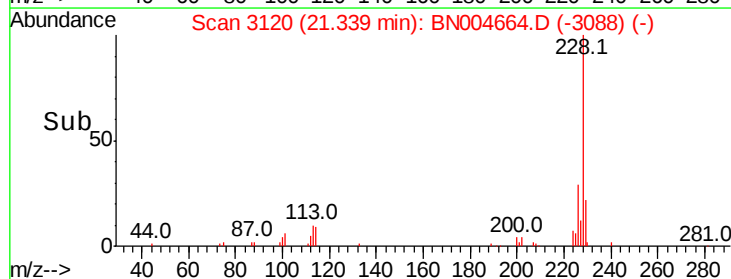
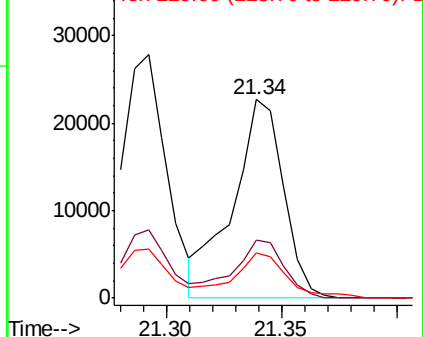


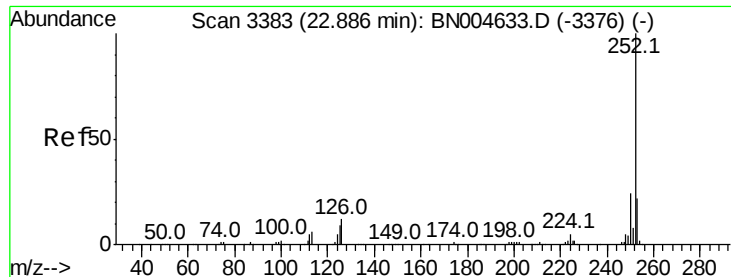
Abundance

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





#88

Benzo(b)fluoranthene

Concen: 3.201 ng/ul

RT: 22.88 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BN004664.D

Acq: 08 Mar 2019 07:10

Instrument :

BNA_N

ClientSampled :

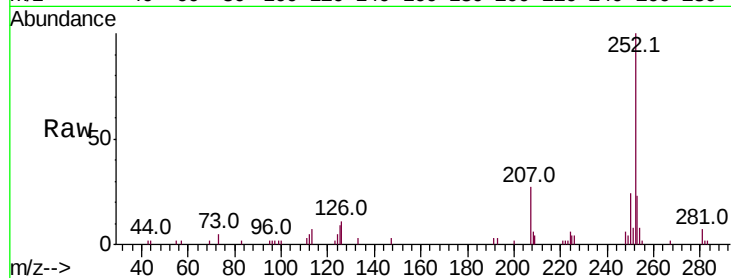
Tot Ion:252 Resp: 44454

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

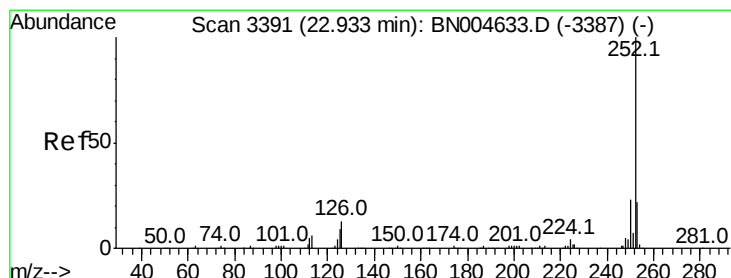
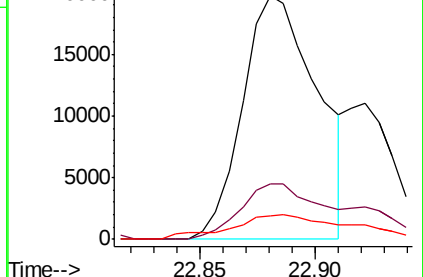
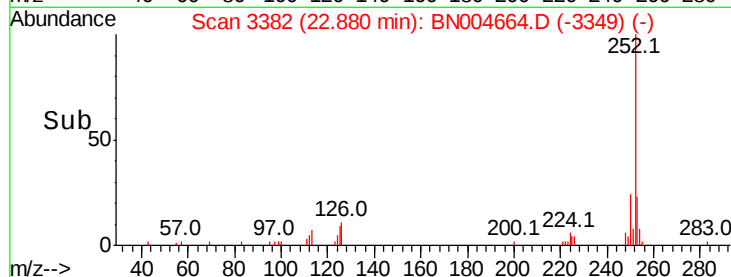
125 9.5 7.4 11.2



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



#89

Benzo(k)fluoranthene

Concen: 3.255 ng/ul

RT: 22.88 min Scan# 3382

Delta R.T. -0.05 min

Lab File: BN004664.D

Acq: 08 Mar 2019 07:10

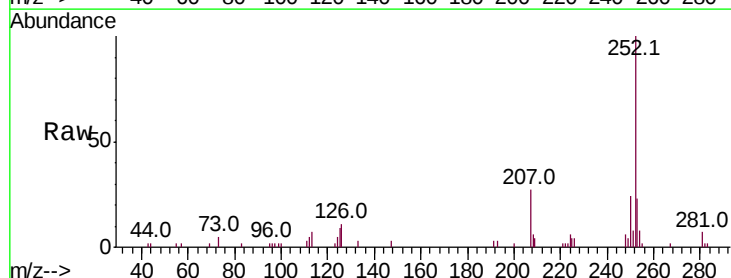
Tgt Ion:252 Resp: 44454

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

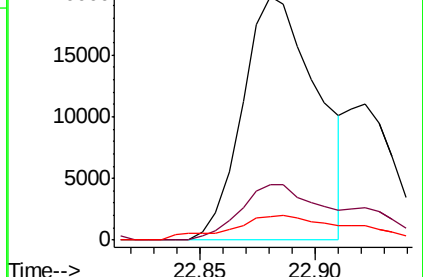
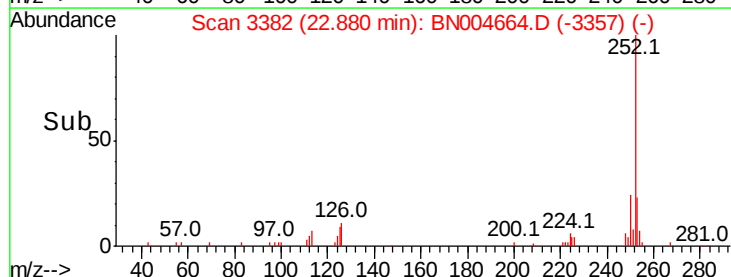
125 9.5 7.4 11.0

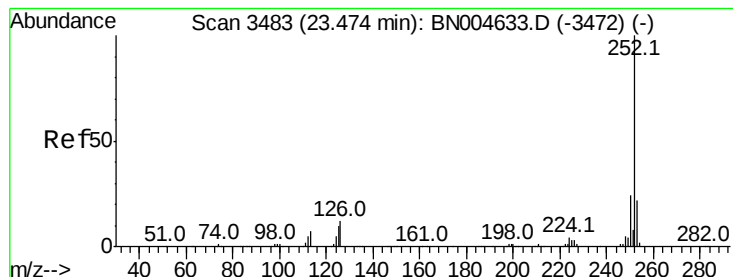


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.816 ng/ul

RT: 23.46 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BN004664.D

Acq: 08 Mar 2019 07:10

Instrument :

BNA_N

ClientSampleId :

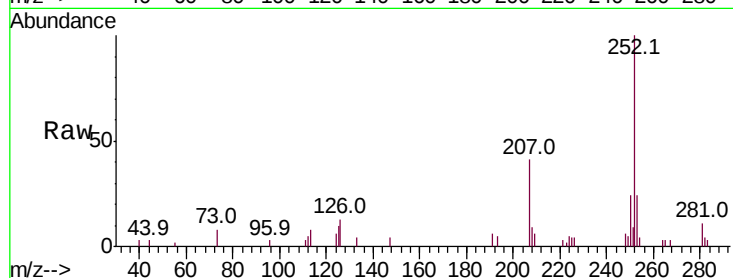
Tot Ion:252 Resp: 23730

Ion Ratio Lower Upper

252 100

253 23.5 17.6 26.4

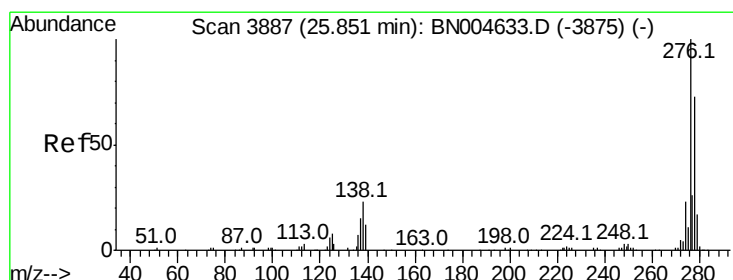
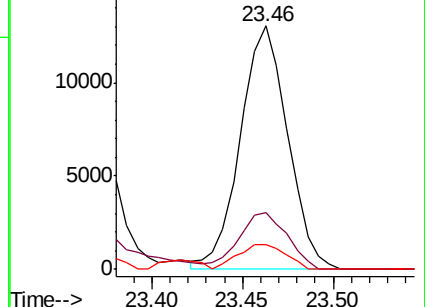
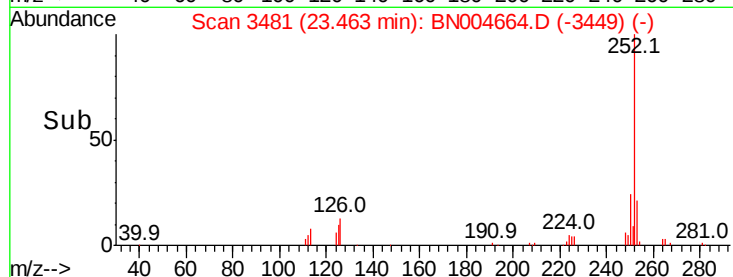
125 10.1 8.4 12.6



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.109 ng/ul

RT: 25.83 min Scan# 3884

Delta R.T. -0.02 min

Lab File: BN004664.D

Acq: 08 Mar 2019 07:10

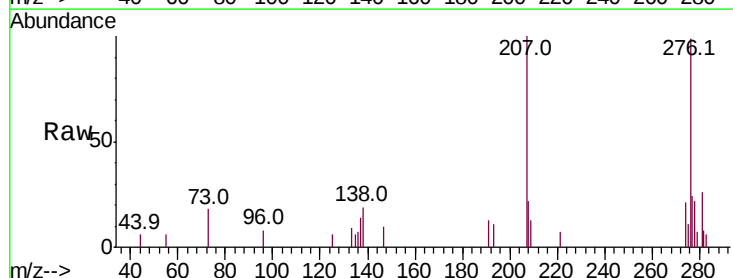
Tgt Ion:276 Resp: 15784

Ion Ratio Lower Upper

276 100

138 19.4 18.7 28.1

277 24.7 19.8 29.8



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

