

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042920\
 Data File : BN010652.D
 Acq On : 29 Apr 2020 12:26
 Operator : CG/JU
 Sample : L2321-02
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2M10

Quant Time: Apr 29 13:01:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 29 11:04:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	403045	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	1798906	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1158164	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	2550456	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	2150950	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1931641	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	45454	5.90	ng/uL	0.00
5) Phenol-d5	6.78	99	1067146	33.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	545474	33.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	881095	32.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	939401	35.01	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	446430	32.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	504442	32.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	935783	30.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	1299146	37.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	2931138	34.11	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	3529984	33.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	491696	29.39	ng/ul	0.00
58) Fluorene-d10	15.20	176	2624119	34.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	371826	27.91	ng/ul	0.00
71) Anthracene-d10	17.06	188	4198347	35.54	ng/ul	0.00
79) Pyrene-d10	19.36	212	4611359	37.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	3711312	37.04	ng/ul	0.00

Target Compounds

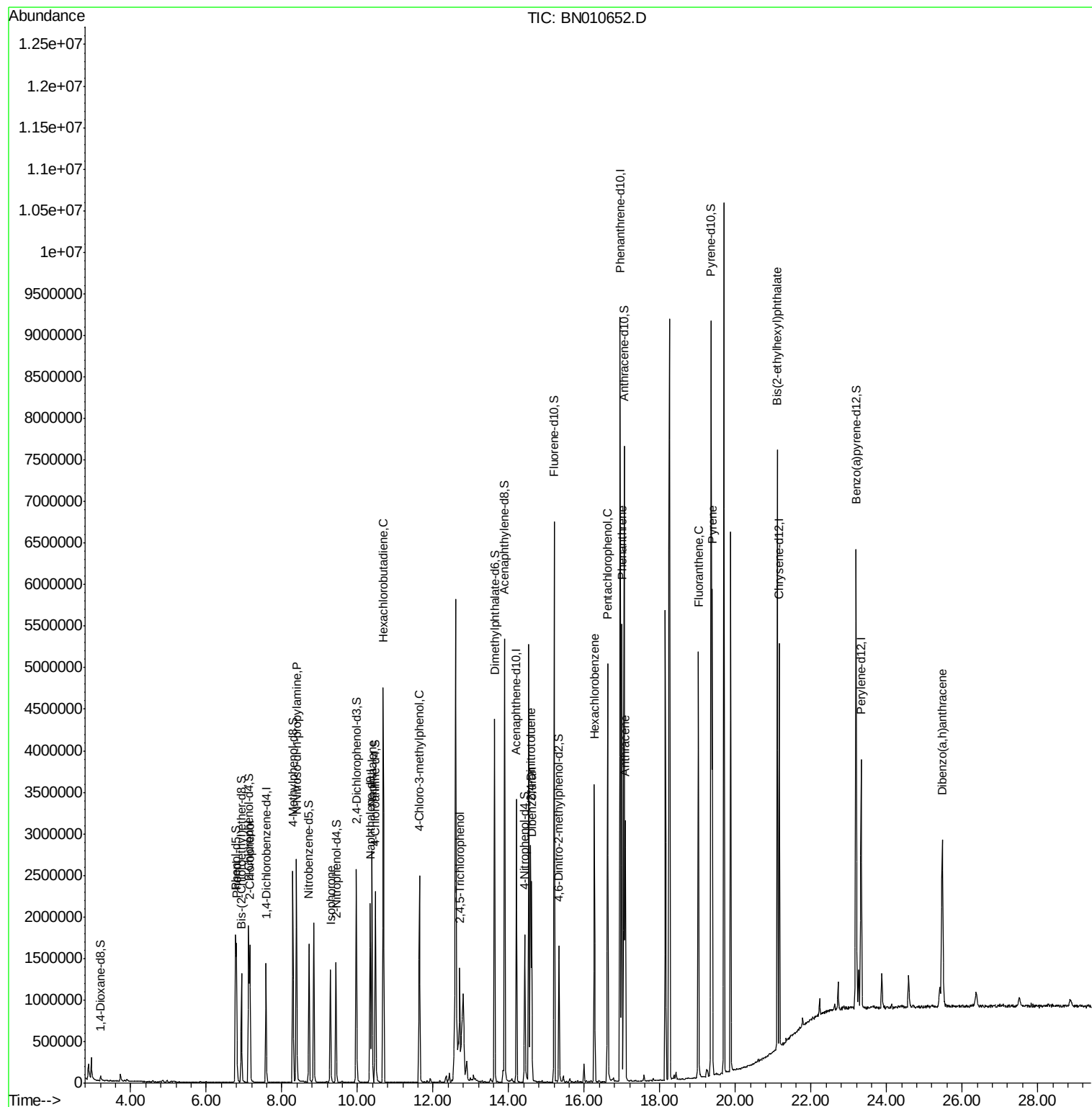
					Ovalue	
6) Phenol	6.80	94	971794	29.501	ng/ul	98
10) 2-Chlorophenol	7.15	128	788882	28.578	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.39	70	1190452	61.266	ng/ul	98
21) Isophorone	9.29	82	1033494	17.306	ng/ul	99
28) Naphthalene	10.39	128	2311163	23.906	ng/ul	99
31) Hexachlorobutadiene	10.68	225	1044300	50.279	ng/ul	94
33) 4-Chloro-3-methylphenol	11.64	107	926541	29.635	ng/ul	99
40) 2,4,5-Trichlorophenol	12.70	196	313019	11.632	ng/ul	96
54) Dibenzofuran	14.61	168	1555801	14.577	ng/ul	98
55) 2,4-Dinitrotoluene	14.58	165	886786	32.809	ng/ul	98
67) Hexachlorobenzene	16.27	284	662938	20.930	ng/ul	95
69) Pentachlorophenol	16.62	266	841731	41.627	ng/ul	96
70) Phenanthrene	17.00	178	3188824	22.514	ng/ul	98
72) Anthracene	17.09	178	1821482	12.687	ng/ul	99
77) Fluoranthene	19.02	202	2995623	19.466	ng/ul	97
80) Pyrene	19.39	202	3263901	21.001	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.11	149	2673439	27.613	ng/ul	98
93) Dibenzo(a,h)anthracene	25.47	278	2057631	19.436	ng/ul	96

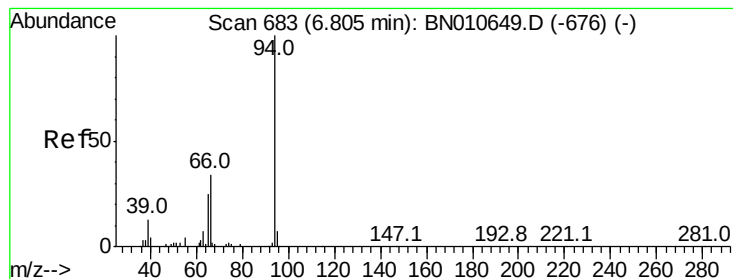
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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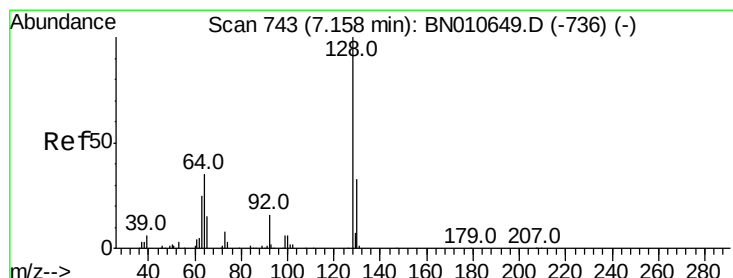
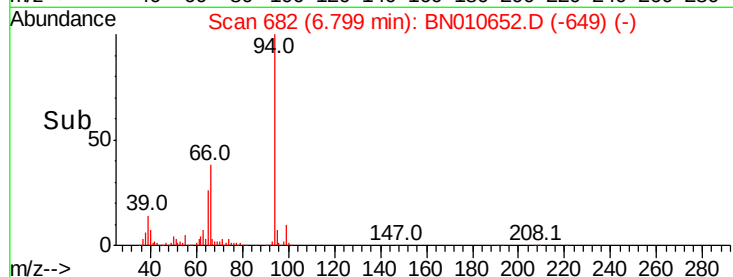
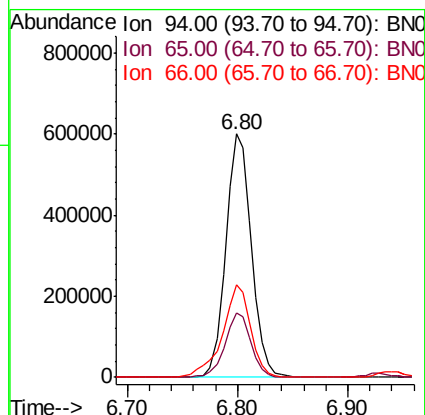
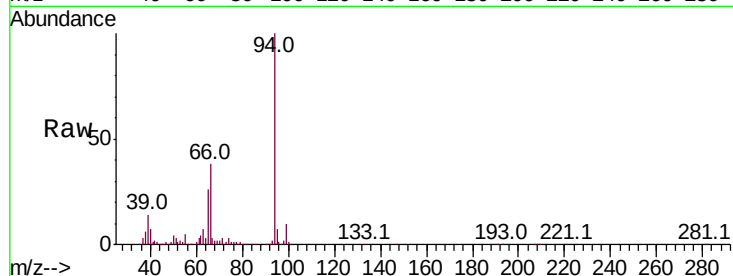
#6

Phenol

Concen: 29.501 ng/ul
 RT: 6.80 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BN010652.D
 Acq: 29 Apr 2020 12:26

Instrument :
 BNA_N
 ClientSampled :
 X2M10

Tot Ion: 94 Resp: 971794
 Ion Ratio Lower Upper
 94 100
 65 26.2 21.1 31.7
 66 38.2 29.3 43.9

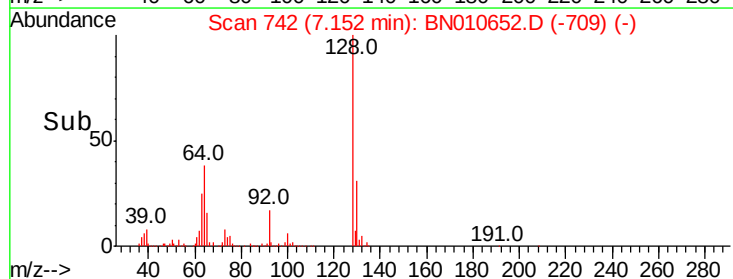
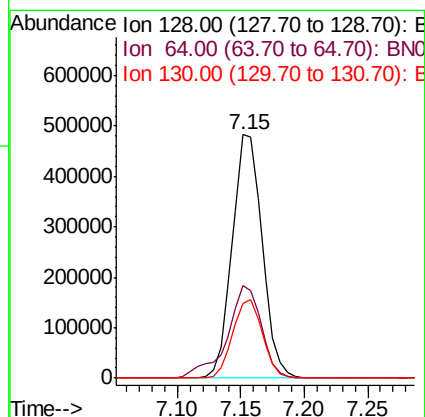
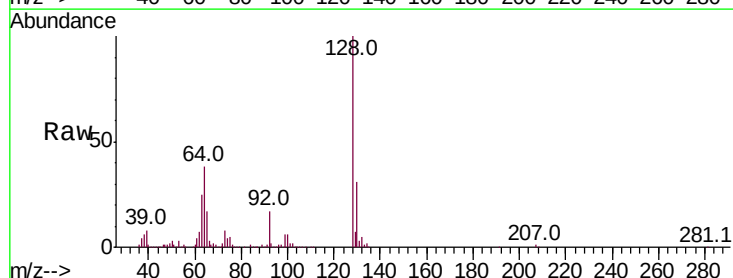


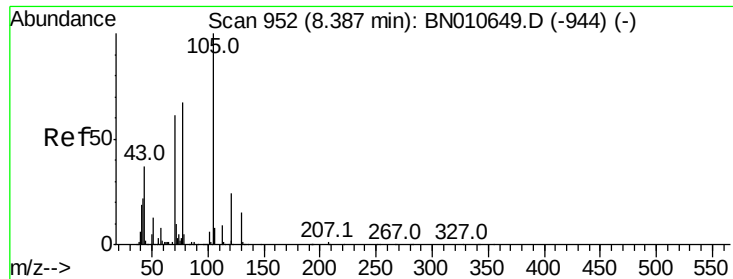
#10

2-Chlorophenol

Concen: 28.578 ng/ul
 RT: 7.15 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BN010652.D
 Acq: 29 Apr 2020 12:26

Tgt Ion: 128 Resp: 788882
 Ion Ratio Lower Upper
 128 100
 64 38.1 29.7 44.5
 130 30.9 27.0 40.6



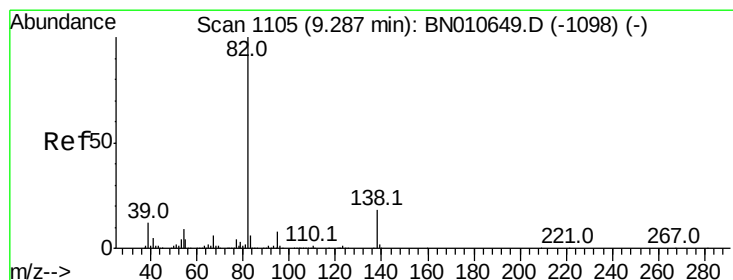
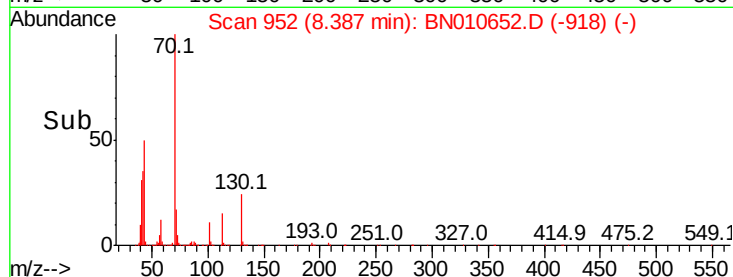
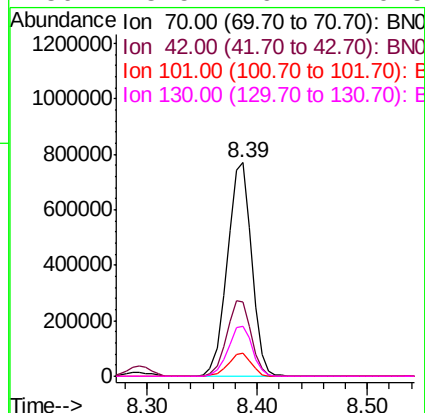
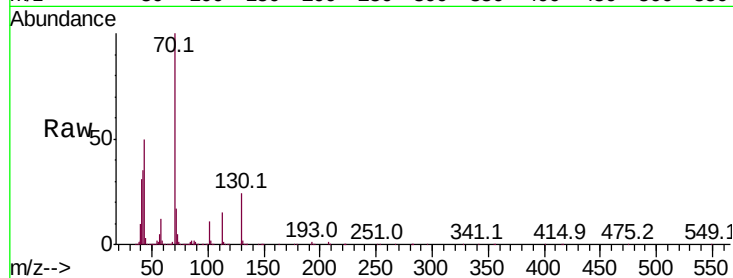


#15
N-Nitroso-di-n-propylamine
Concen: 61.266 ng/ul
RT: 8.39 min Scan# 952
Delta R.T. -0.00 min
Lab File: BN010652.D
Acq: 29 Apr 2020 12:26

Instrument :
BNA_N
ClientSampled :
X2M10

Tot Ion: 70 Resp: 1190452

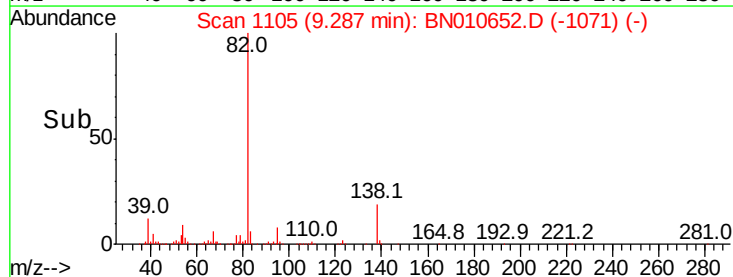
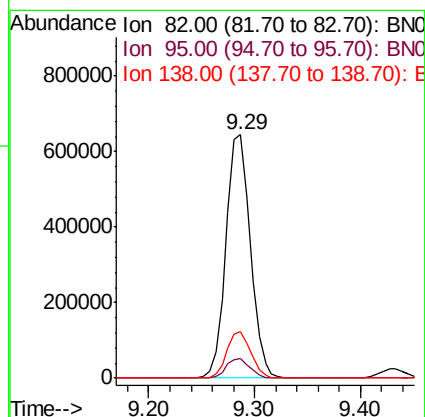
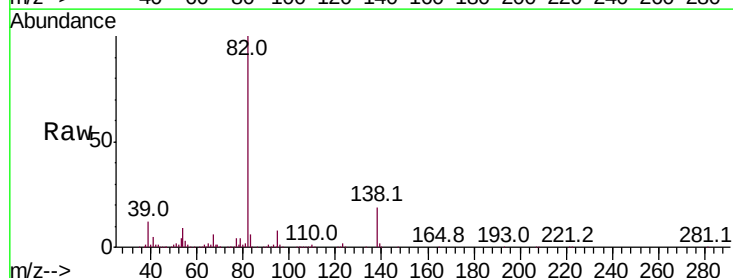
Ion	Ratio	Lower	Upper
70	100		
42	34.9	26.6	39.8
101	10.8	8.4	12.6
130	23.5	19.7	29.5

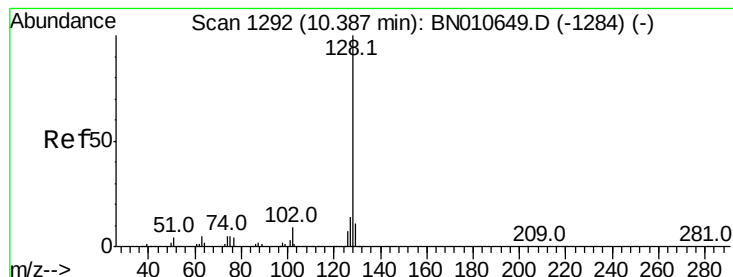


#21
Isophorone
Concen: 17.306 ng/ul
RT: 9.29 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BN010652.D
Acq: 29 Apr 2020 12:26

Tgt Ion: 82 Resp: 1033494

Ion	Ratio	Lower	Upper
82	100		
95	8.1	5.8	8.6
138	19.2	15.1	22.7





#28

Naphthalene

Concen: 23.906 ng/ul

RT: 10.39 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BN010652.D

Acq: 29 Apr 2020 12:26

Instrument :

BNA_N

ClientSampleId :

X2M10

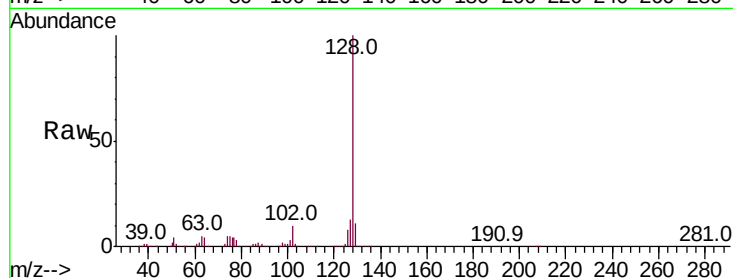
Tot Ion:128 Resp: 2311163

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

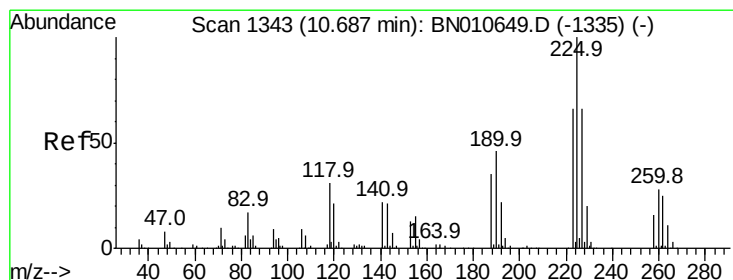
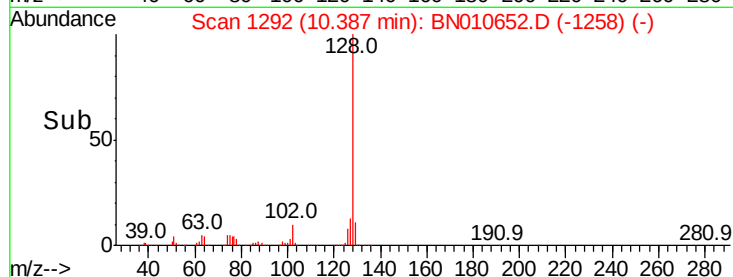
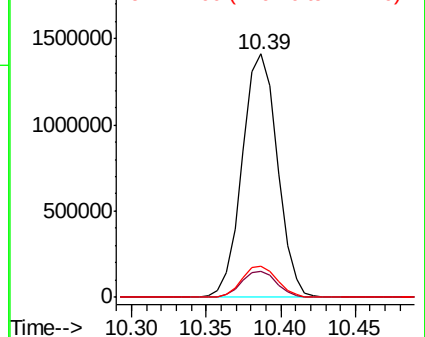
127 12.9 10.7 16.1



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



#31

Hexachlorobutadiene

Concen: 50.279 ng/ul

RT: 10.68 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BN010652.D

Acq: 29 Apr 2020 12:26

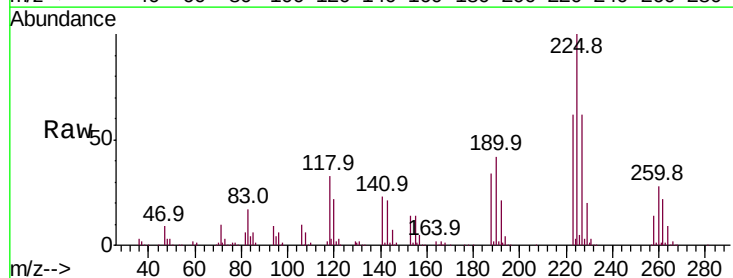
Tgt Ion:225 Resp: 1044300

Ion Ratio Lower Upper

225 100

223 61.6 53.0 79.6

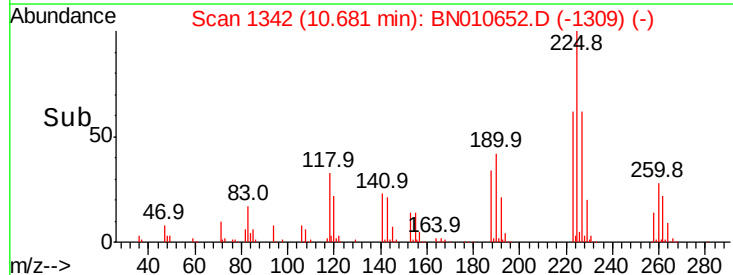
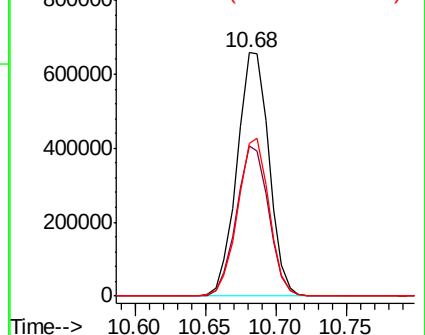
227 62.5 54.3 81.5

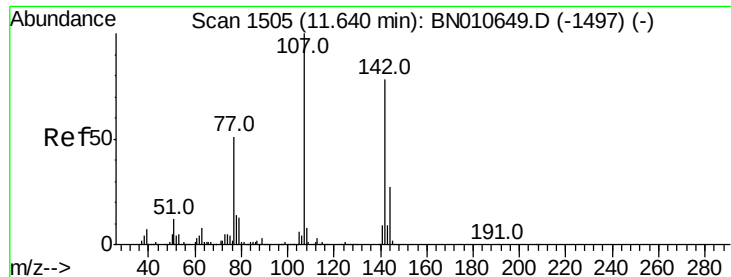


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

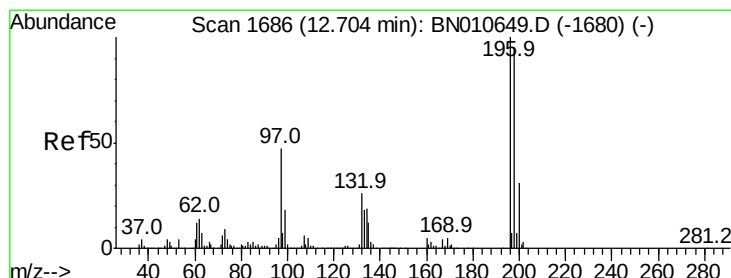
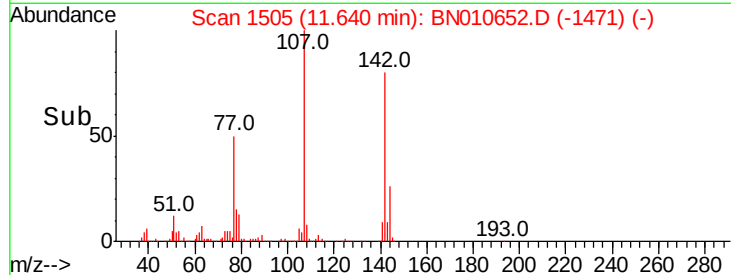
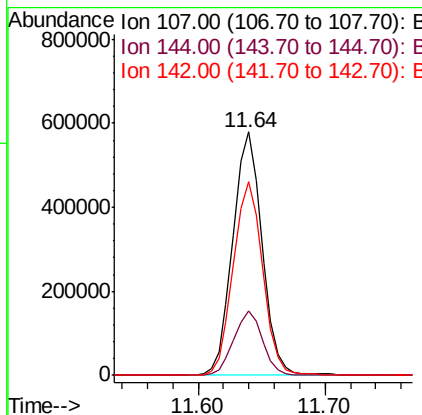
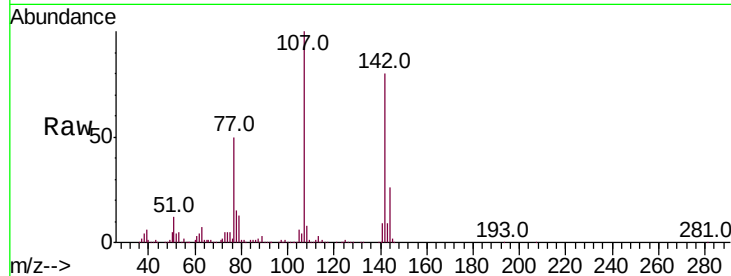




#33
 4-Chloro-3-methylphenol
 Concen: 29.635 ng/ul
 RT: 11.64 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BN010652.D
 Acq: 29 Apr 2020 12:26

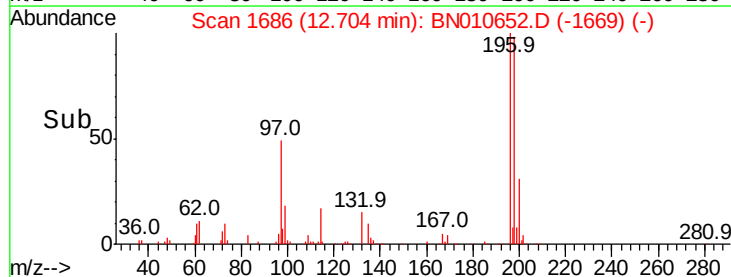
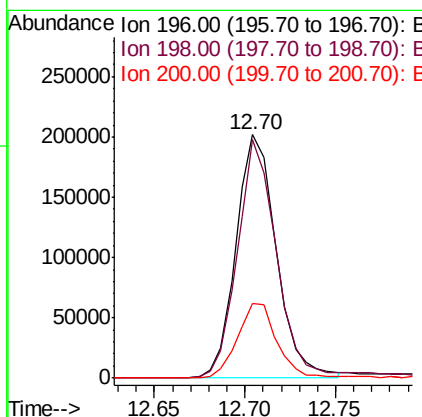
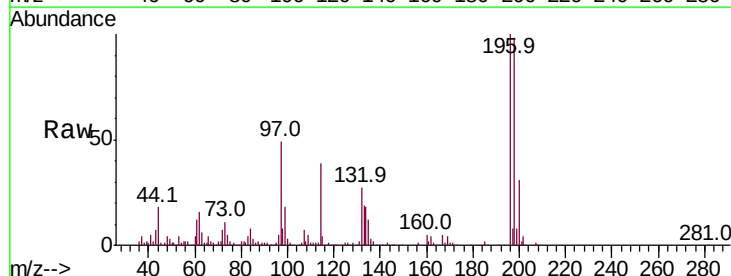
Instrument :
 BNA_N
 ClientSampleId :
 X2M10

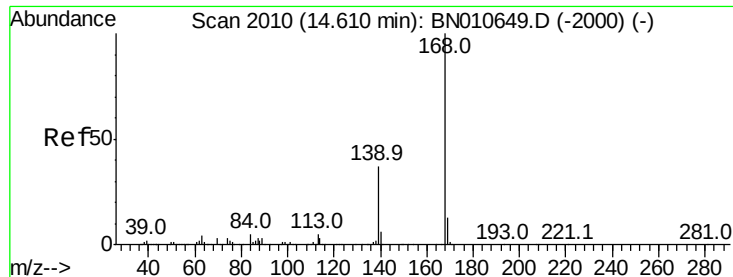
Tot Ion:	107	Resp:	926541
Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.7	31.1
142	79.7	64.5	96.7



#40
 2,4,5-Trichlorophenol
 Concen: 11.632 ng/ul
 RT: 12.70 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BN010652.D
 Acq: 29 Apr 2020 12:26

Tgt Ion:	196	Resp:	313019
Ion	Ratio	Lower	Upper
196	100		
198	98.0	75.2	112.8
200	30.6	22.6	33.8





#54

Dibenzenofuran

Concen: 14.577 ng/ul

RT: 14.61 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BN010652.D

Acq: 29 Apr 2020 12:26

Instrument :

BNA_N

ClientSampleId :

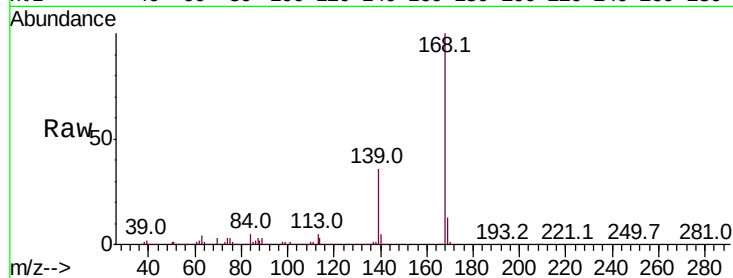
X2M10

Tot Ion:168 Resp: 1555801

Ion Ratio Lower Upper

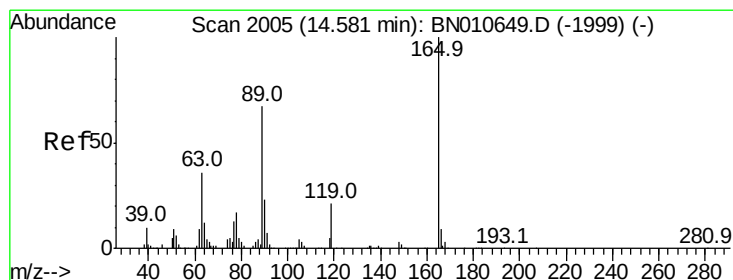
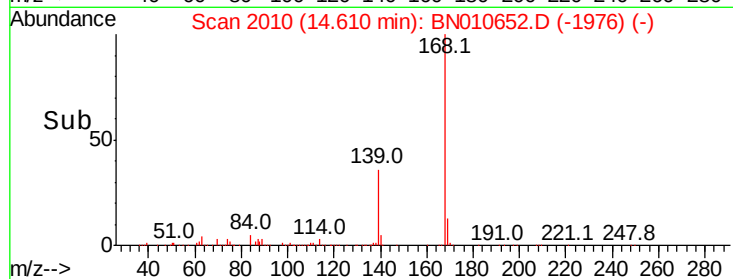
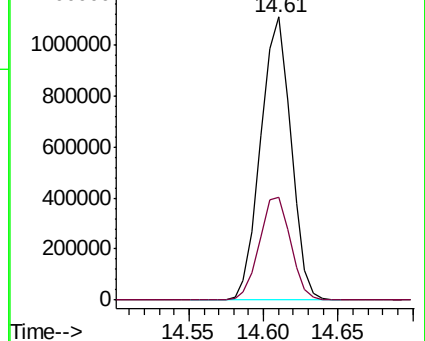
168 100

139 36.4 30.2 45.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 32.809 ng/ul

RT: 14.58 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BN010652.D

Acq: 29 Apr 2020 12:26

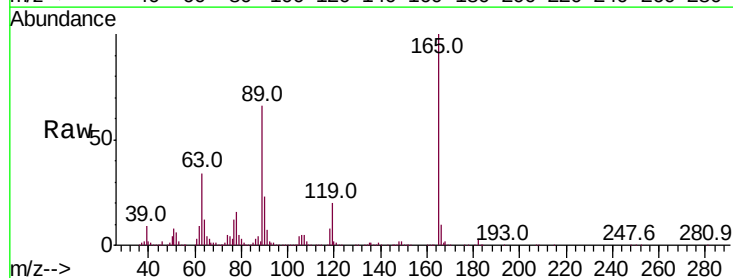
Tgt Ion:165 Resp: 886786

Ion Ratio Lower Upper

165 100

63 34.1 26.6 39.8

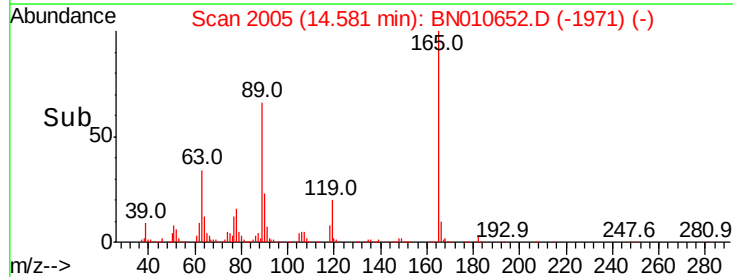
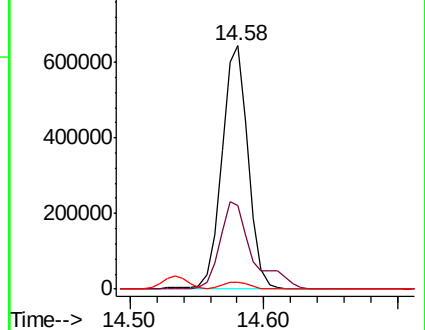
182 3.0 2.2 3.2

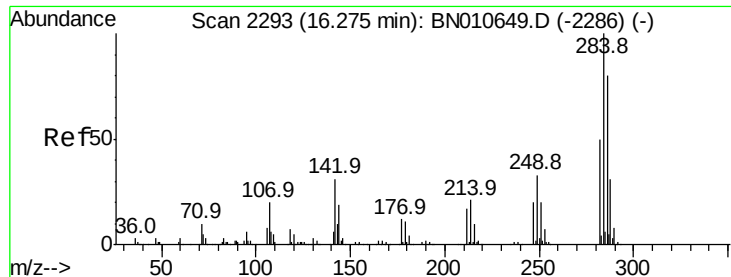


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 182.00 (181.70 to 182.70): E

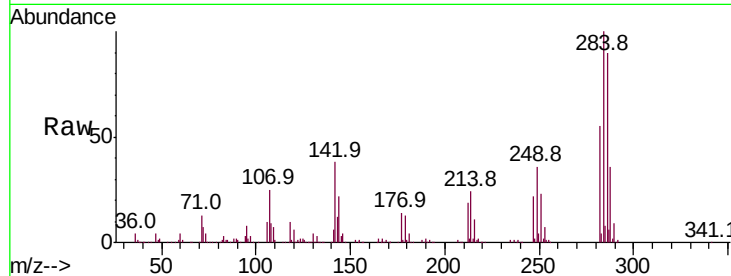




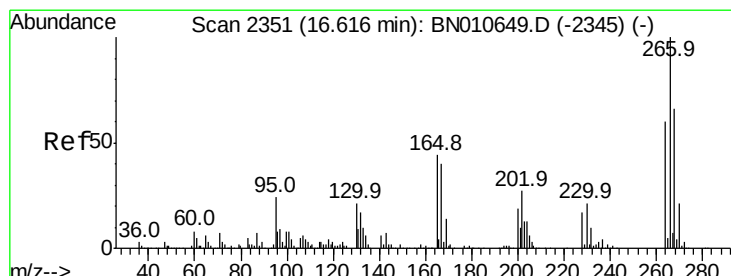
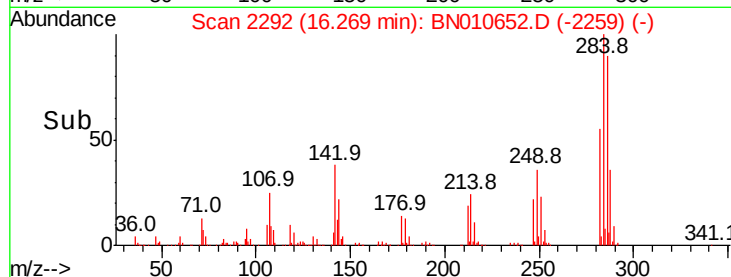
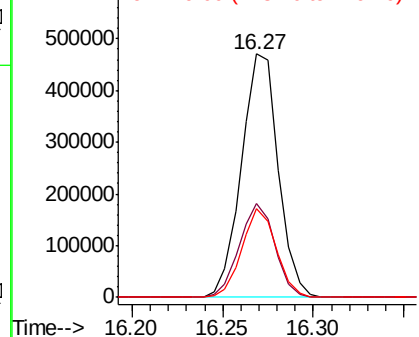
#67
Hexachlorobenzene
Concen: 20.930 ng/ul
RT: 16.27 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BN010652.D
Acq: 29 Apr 2020 12:26

Instrument :
BNA_N
ClientSampleId :
X2M10

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.3	29.0	43.6
249	36.3	26.2	39.2

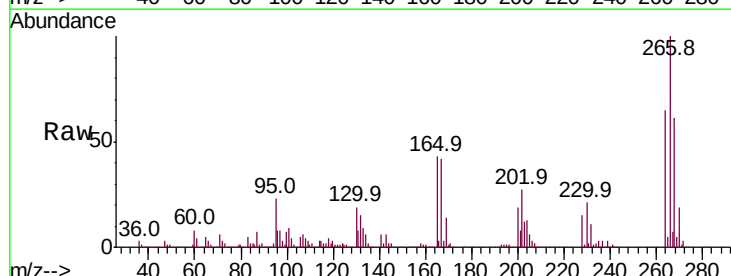


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

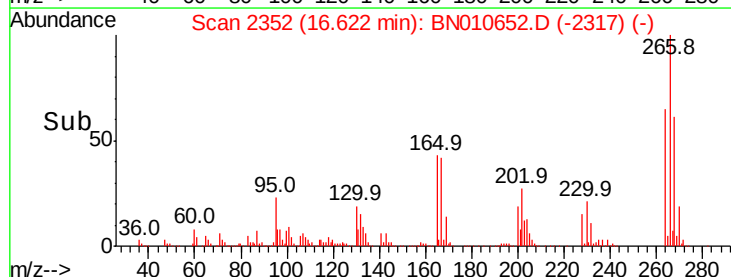
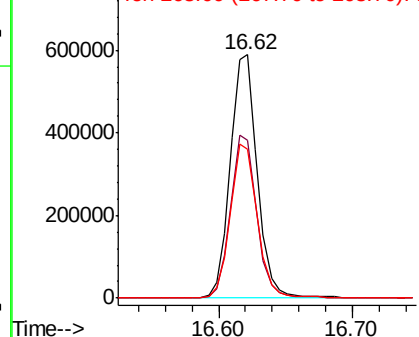


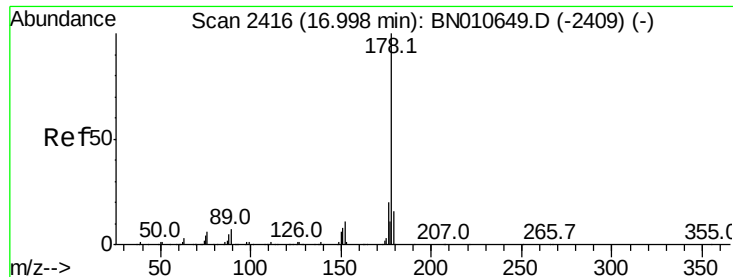
#69
Pentachlorophenol
Concen: 41.627 ng/ul
RT: 16.62 min Scan# 2352
Delta R.T. 0.01 min
Lab File: BN010652.D
Acq: 29 Apr 2020 12:26

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.8	47.9	71.9
268	61.0	50.4	75.6



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: 22.514 ng/ul

RT: 17.00 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BN010652.D

Acq: 29 Apr 2020 12:26

Instrument :

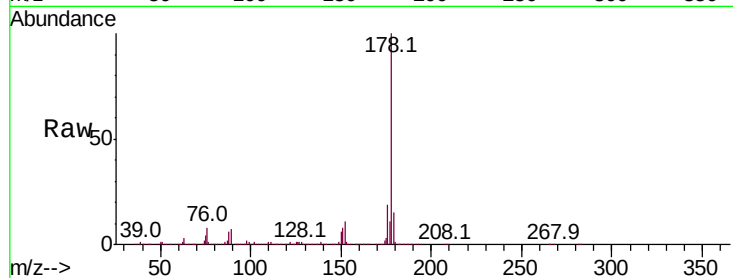
BNA_N

ClientSampleId :

X2M10

Tot Ion:178 Resp: 3188824

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.4	17.2
176	19.4	15.3	22.9

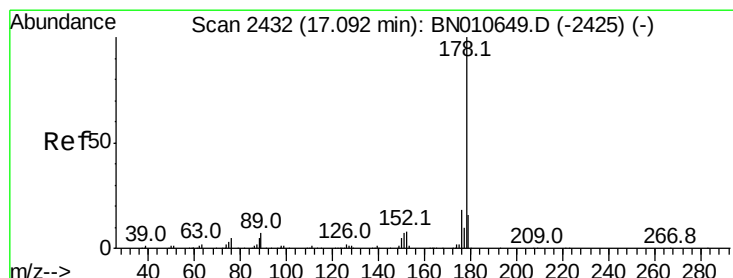
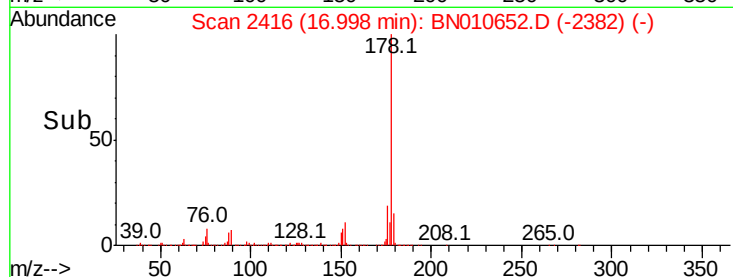
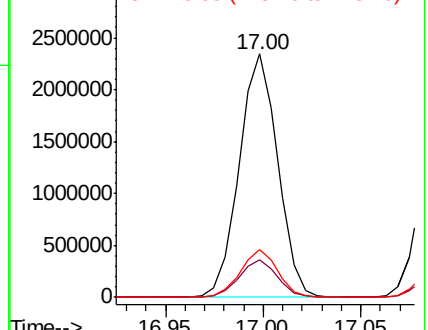


Abundance

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



#72

Anthracene

Concen: 12.687 ng/ul

RT: 17.09 min Scan# 2431

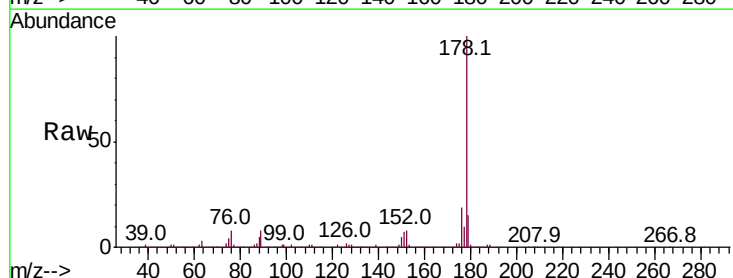
Delta R.T. -0.01 min

Lab File: BN010652.D

Acq: 29 Apr 2020 12:26

Tgt Ion:178 Resp: 1821482

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.6	14.2	21.4

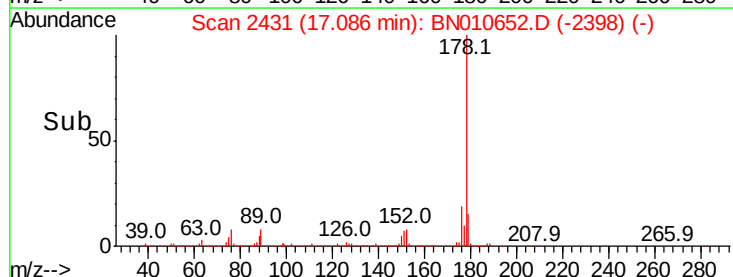
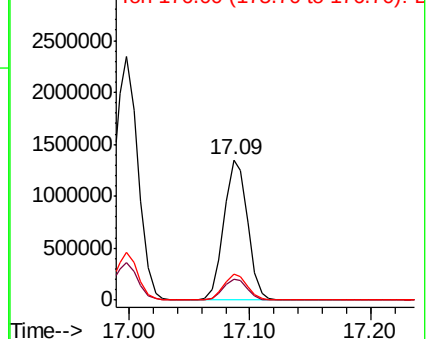


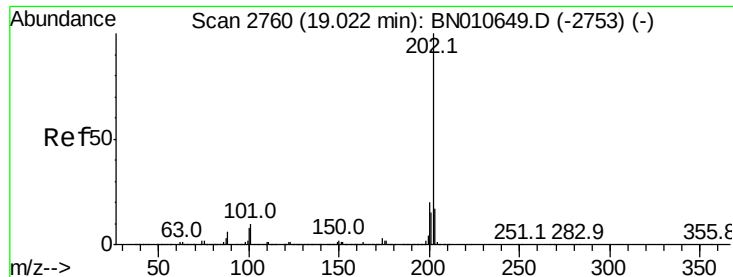
Abundance

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



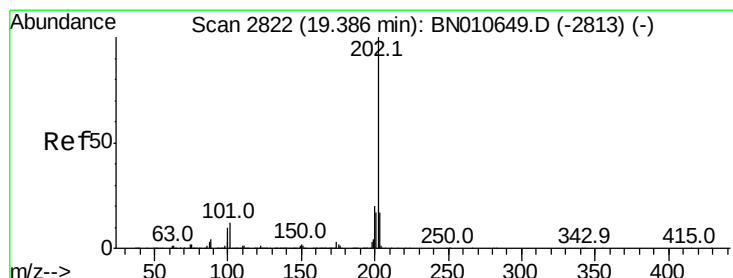
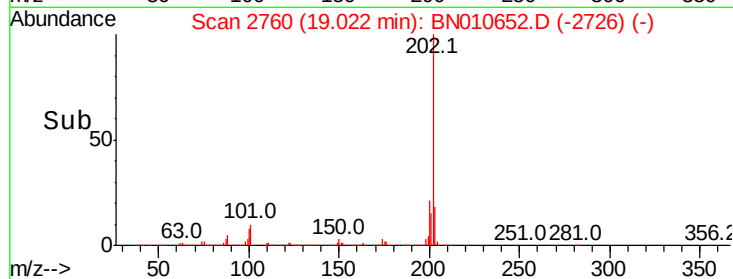
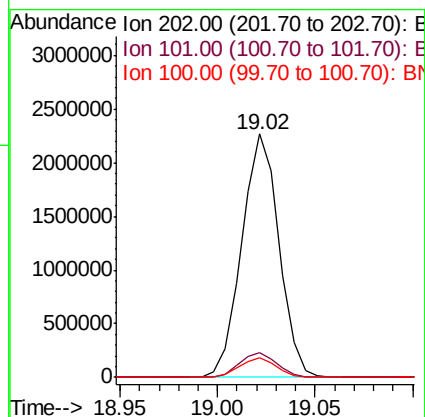
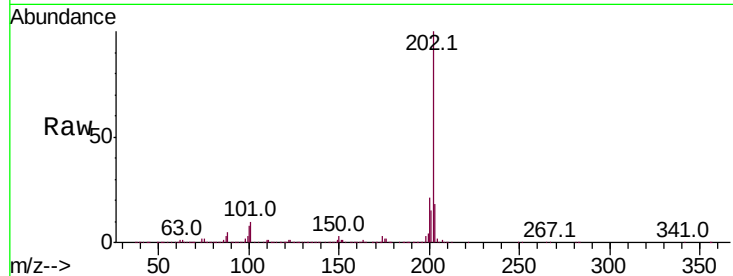


#77
 Fluoranthene
 Concen: 19.466 ng/ul
 RT: 19.02 min Scan# 2760
 Delta R.T. -0.00 min
 Lab File: BN010652.D
 Acq: 29 Apr 2020 12:26

Instrument :
 BNA_N
 ClientSampleId :
 X2M10

Tot Ion:202 Resp: 2995623

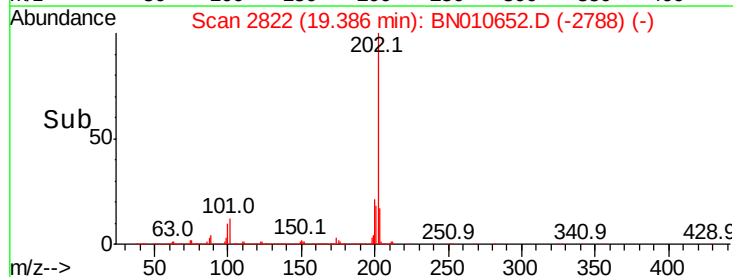
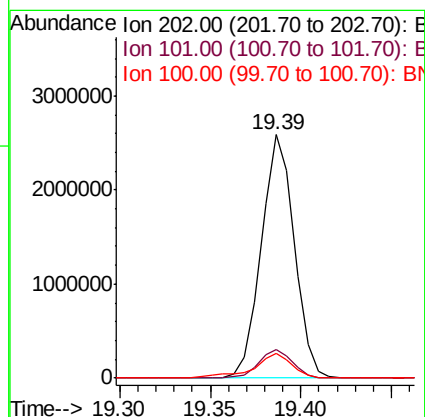
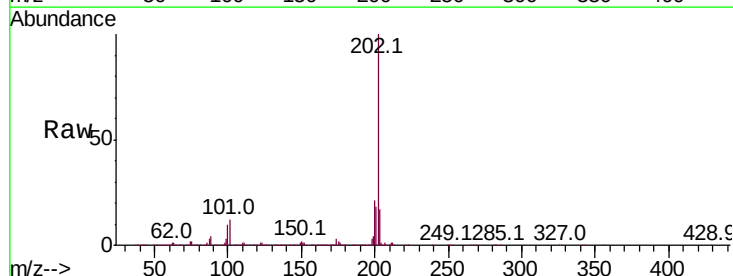
Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.1	10.7
100	7.9	5.5	8.3

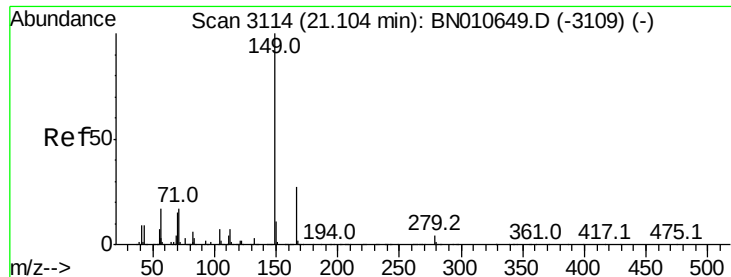


#80
 Pyrene
 Concen: 21.001 ng/ul
 RT: 19.39 min Scan# 2822
 Delta R.T. -0.00 min
 Lab File: BN010652.D
 Acq: 29 Apr 2020 12:26

Tgt Ion:202 Resp: 3263901

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.6	13.0
100	10.2	7.0	10.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 27.613 ng/ul

RT: 21.11 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BN010652.D

Acq: 29 Apr 2020 12:26

Instrument :

BNA_N

ClientSampleId :

X2M10

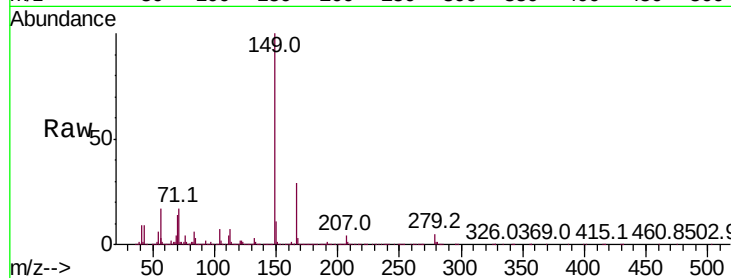
Tot Ion:149 Resp: 2673439

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.4	33.6
279	4.7	3.8	5.6

149 100

167 29.1 22.4 33.6

279 4.7 3.8 5.6

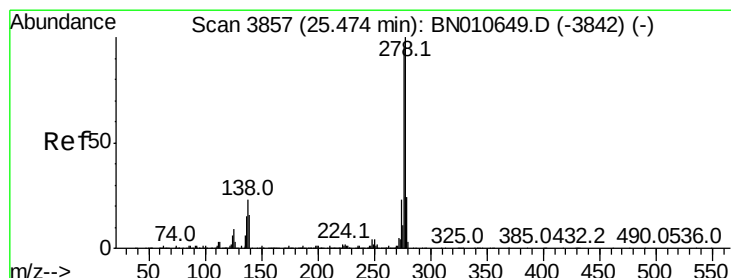
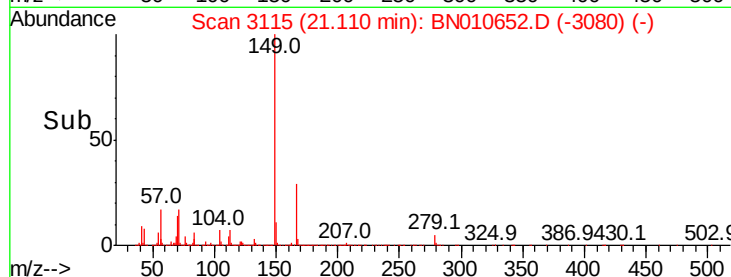
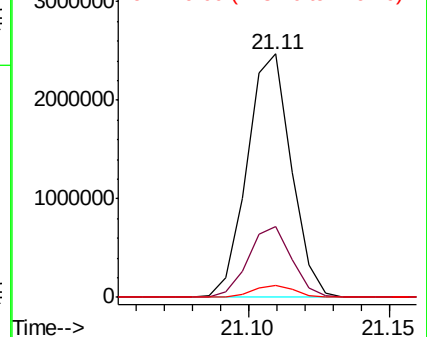


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Dibenzo(a,h)anthracene

Concen: 19.436 ng/ul

RT: 25.47 min Scan# 3857

Delta R.T. -0.00 min

Lab File: BN010652.D

Acq: 29 Apr 2020 12:26

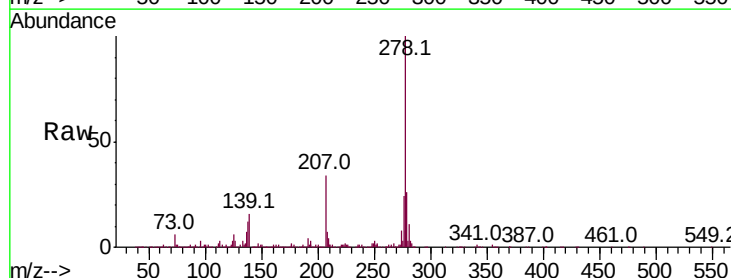
Tgt Ion:278 Resp: 2057631

Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.5	17.3
279	26.2	19.2	28.8

278 100

139 15.9 11.5 17.3

279 26.2 19.2 28.8



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

