

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
 Data File : BN012616.D
 Acq On : 19 Nov 2020 05:09
 Operator : CG/JU
 Sample : L4726-16MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBG7MS

Quant Time: Nov 19 07:23:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 14:31:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	155431	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	645150	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	427178	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	950235	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	936667	20.00	ng/ul	-0.01
86) Perylene-d12	23.19	264	969721	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	19302	4.43	ng/uL	0.00
5) Phenol-d5	6.63	99	95683	6.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	267574	32.12	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	289489	26.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	181751	15.73	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	171972	32.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	197491	33.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	311529	27.88	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.53	166	1295769	37.14	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1463717	35.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	46420	7.11	ng/ul	0.00
58) Fluorene-d10	15.10	176	1064474	34.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	224572	34.64	ng/ul	0.00
71) Anthracene-d10	16.95	188	1838840	38.09	ng/ul	0.00
79) Pyrene-d10	19.26	212	2091948	42.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	2209151	41.69	ng/ul	-0.01

Target Compounds

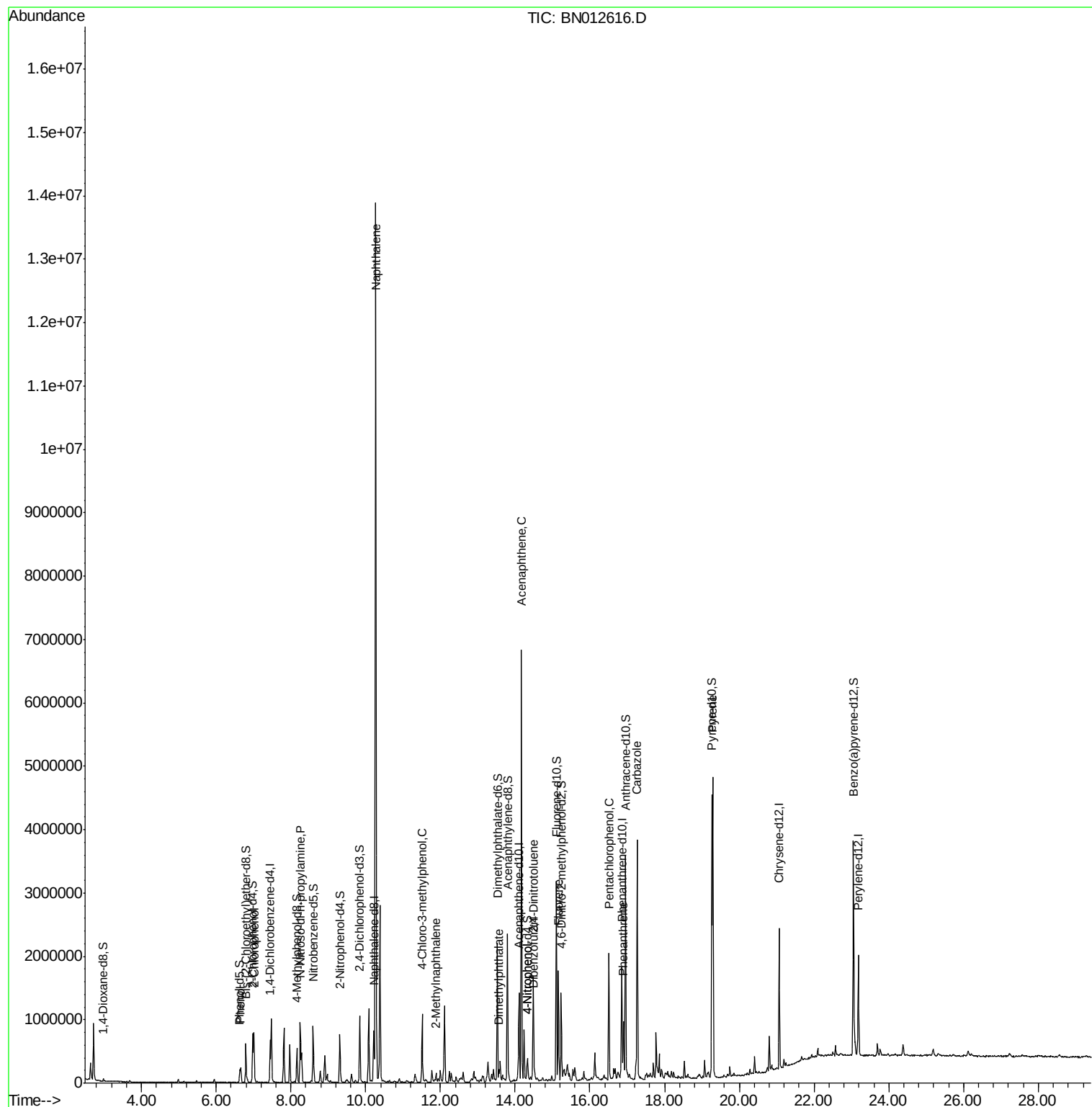
					Ovalue
6) Phenol	6.66	94	103756	7.174	ng/ul 98
10) 2-Chlorophenol	7.01	128	274070	24.446	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.25	70	307164	34.174	ng/ul 97
28) Naphthalene	10.27	128	10359359	277.764	ng/ul 98
33) 4-Chloro-3-methylphenol	11.51	107	337013	27.006	ng/ul 99
34) 2-Methylnaphthalene	11.89	142	39851	1.531	ng/ul 95
45) Dimethylphthalate	13.57	163	82835	2.357	ng/ul 99
50) Acenaphthene	14.17	153	2419364	79.432	ng/ul 97
53) 4-Nitrophenol	14.34	109	46143	7.729	ng/ul 93
54) Dibenzofuran	14.50	168	67160	1.591	ng/ul 97
55) 2,4-Dinitrotoluene	14.49	165	378486	36.651	ng/ul 90
59) Fluorene	15.16	166	670762	19.012	ng/ul 98
69) Pentachlorophenol	16.51	266	283796	37.819	ng/ul 92
70) Phenanthrene	16.90	178	473488	8.105	ng/ul 99
75) Carbazole	17.27	167	2195486	43.435	ng/ul 99
80) Pyrene	19.29	202	2491142	37.355	ng/ul 98

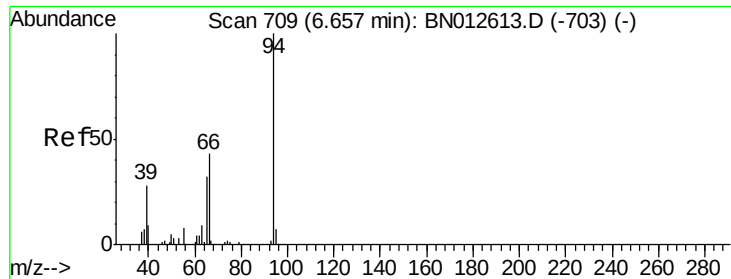
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 14:31:59 2020
Response via : Initial Calibration





#6

Phenol

Concen: 7.174 ng/ul

RT: 6.66 min Scan# 709

Delta R.T. -0.01 min

Lab File: BN012616.D

Acq: 19 Nov 2020 05:09

Instrument :

BNA_N

ClientSampleId :

DBGF7MS

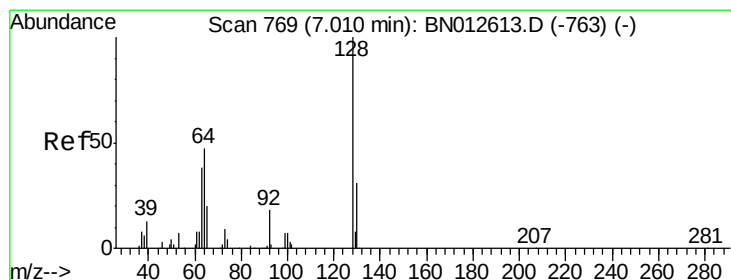
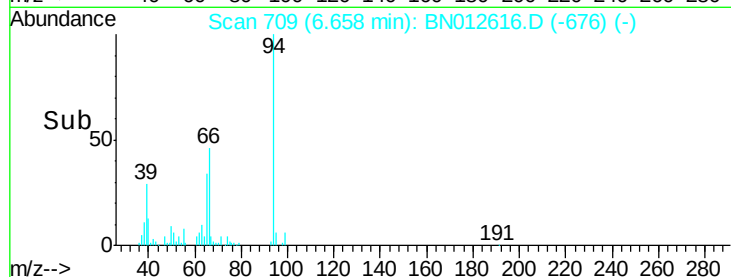
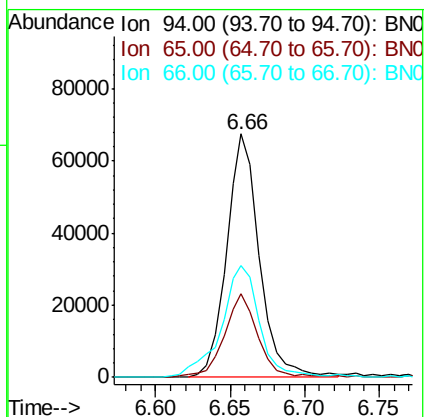
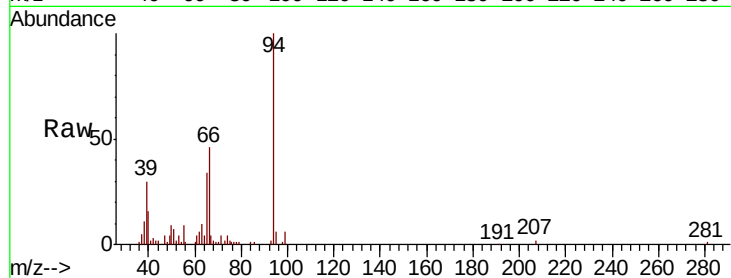
Tot Ion: 94 Resp: 103756

Ion Ratio Lower Upper

94 100

65 34.5 26.1 39.1

66 45.7 36.1 54.1



#10

2-Chlorophenol

Concen: 24.446 ng/ul

RT: 7.01 min Scan# 769

Delta R.T. -0.01 min

Lab File: BN012616.D

Acq: 19 Nov 2020 05:09

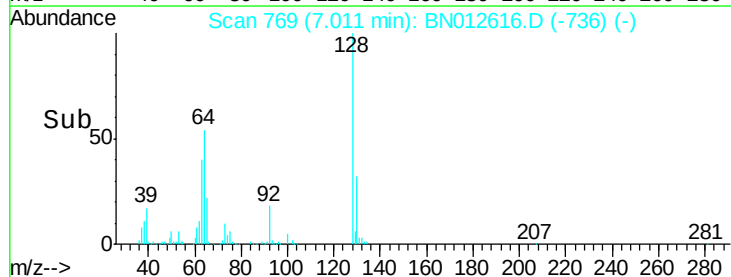
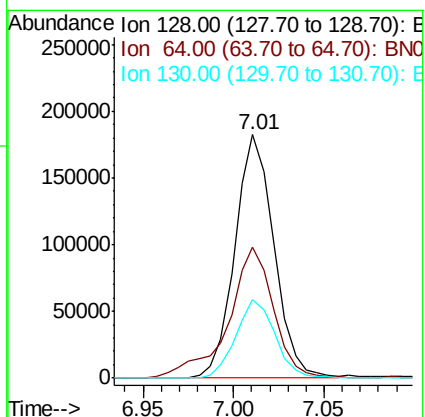
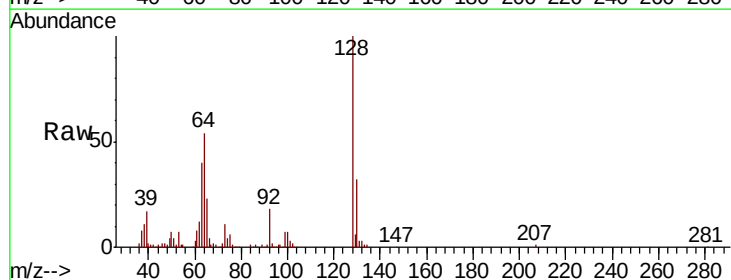
Tgt Ion: 128 Resp: 274070

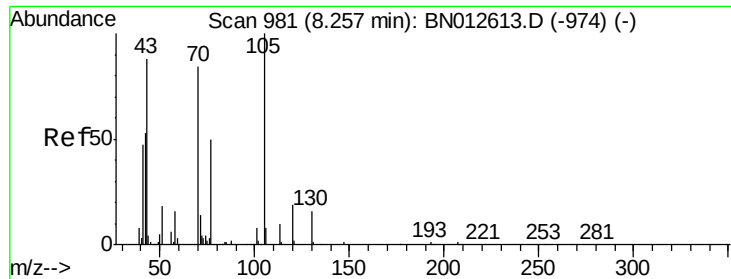
Ion Ratio Lower Upper

128 100

64 53.6 40.0 60.0

130 32.4 26.2 39.2





#15

N-Nitroso-di-n-propylamine

Concen: 34.174 ng/ul

RT: 8.25 min Scan# 980

Delta R.T. -0.01 min

Lab File: BN012616.D

Acq: 19 Nov 2020 05:09

Instrument :

BNA_N

ClientSampleId :

DBGF7MS

Tot Ion: 70 Resp: 307164

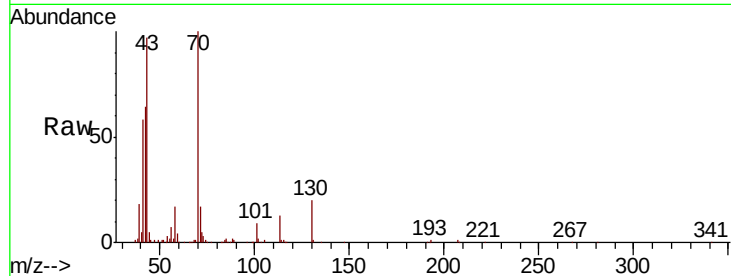
Ion Ratio Lower Upper

70 100

42 64.2 50.0 75.0

101 9.2 7.5 11.3

130 20.0 17.6 26.4

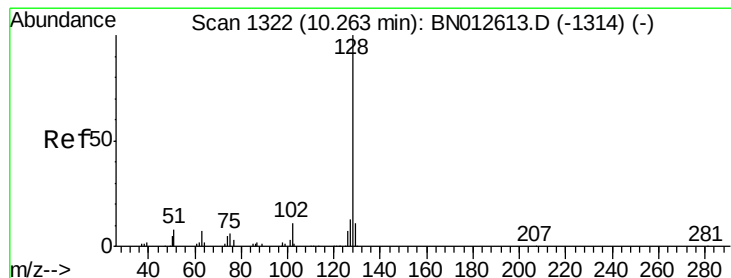
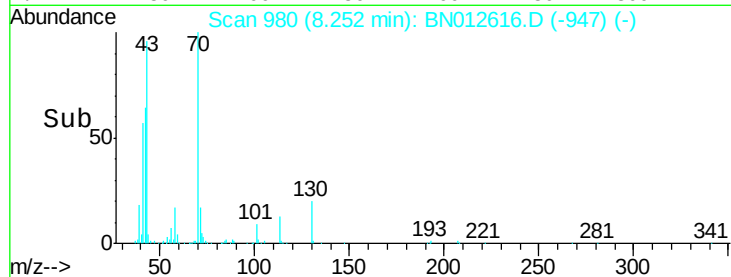
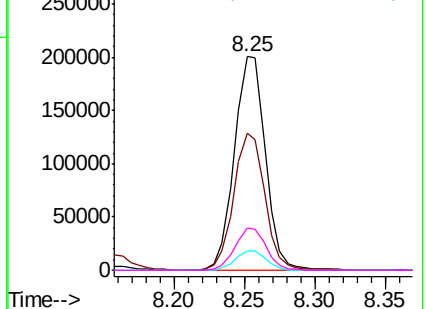


Abundance Ion 70.00 (69.70 to 70.70): BN0

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



#28

Naphthalene

Concen: 277.764 ng/ul

RT: 10.27 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BN012616.D

Acq: 19 Nov 2020 05:09

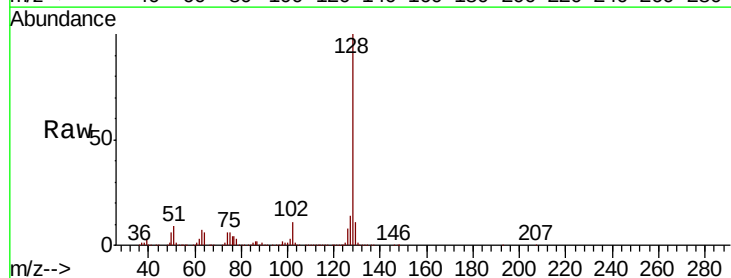
Tgt Ion:128 Resp:10359359

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

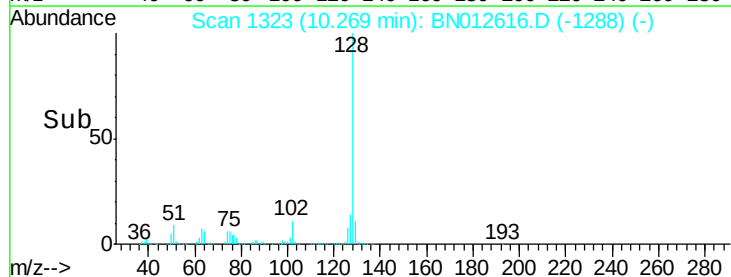
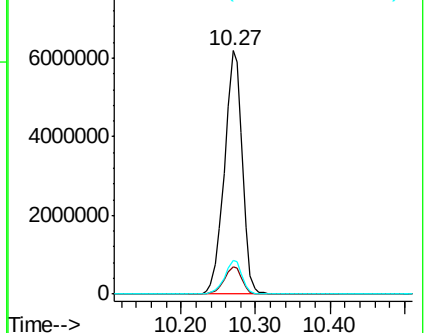
127 13.7 11.6 17.4

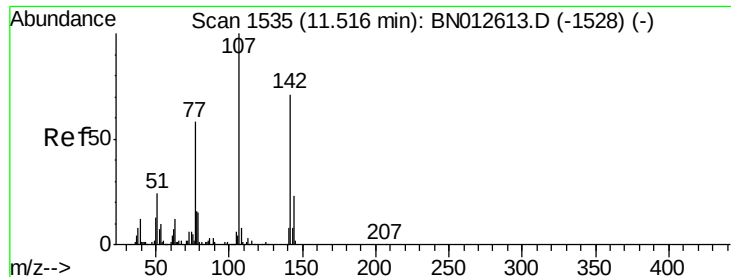


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

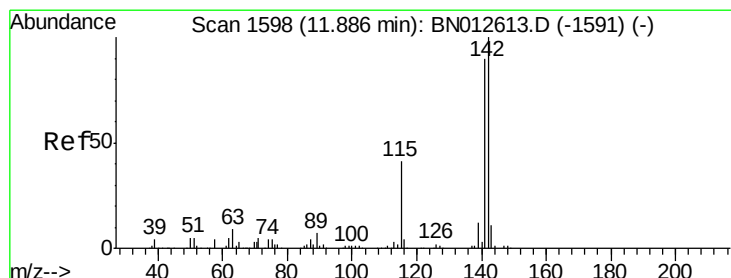
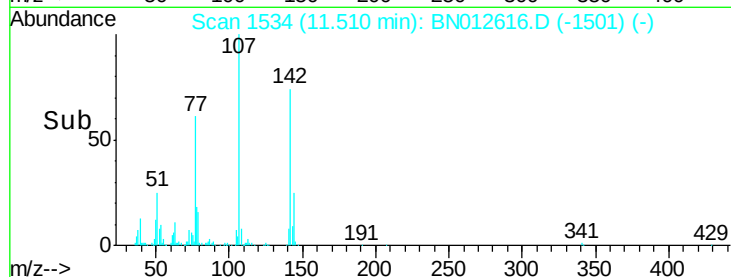
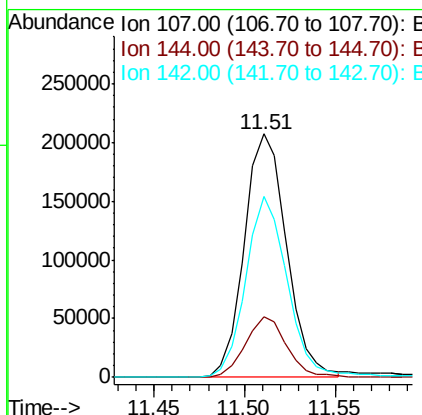
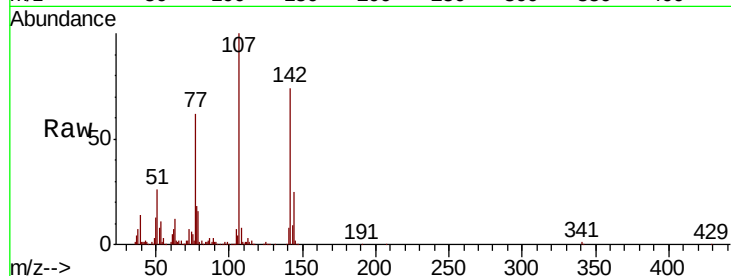




#33
 4-Chloro-3-methylphenol
 Concen: 27.006 ng/ul
 RT: 11.51 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BN012616.D
 Acq: 19 Nov 2020 05:09

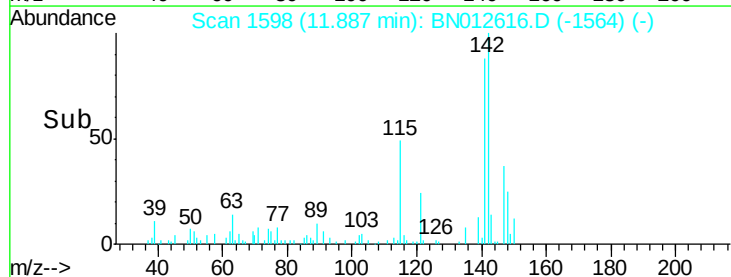
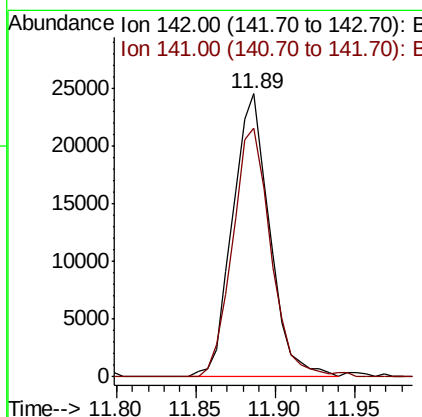
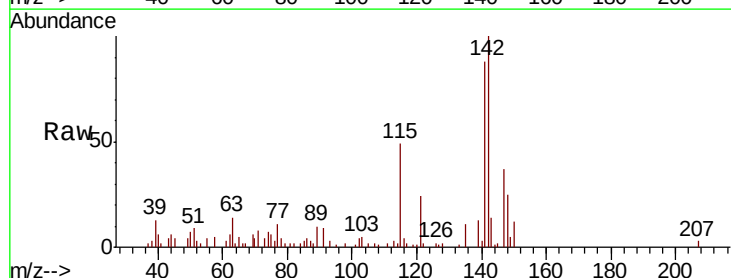
Instrument :
 BNA_N
 ClientSampleId :
 DBG7MS

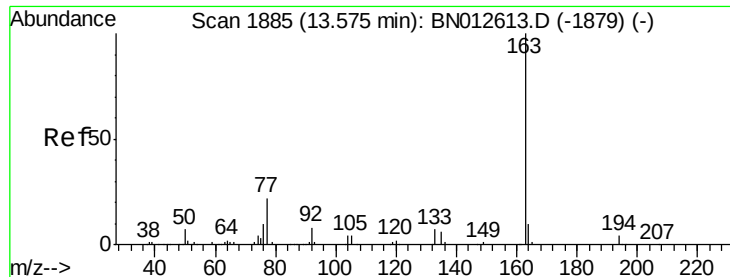
Tot Ion:107 Resp: 337013
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.0 30.0
 142 74.3 60.2 90.4



#34
 2-Methylnaphthalene
 Concen: 1.531 ng/ul
 RT: 11.89 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BN012616.D
 Acq: 19 Nov 2020 05:09

Tgt Ion:142 Resp: 39851
 Ion Ratio Lower Upper
 142 100
 141 87.9 73.8 110.8





#45

Dimethylphthalate

Concen: 2.357 ng/ul

RT: 13.57 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BN012616.D

Acq: 19 Nov 2020 05:09

Instrument :

BNA_N

ClientSampleId :

DBGF7MS

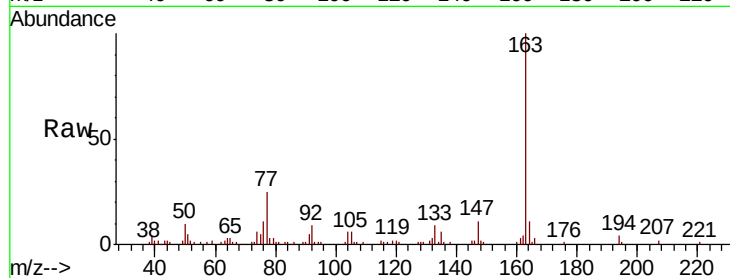
Tot Ion:163 Resp: 82835

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.4

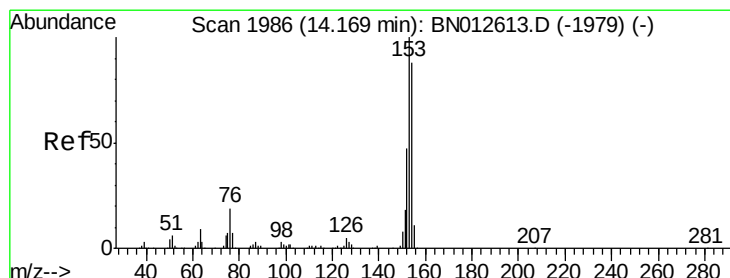
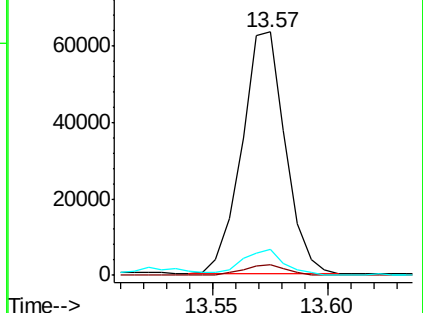
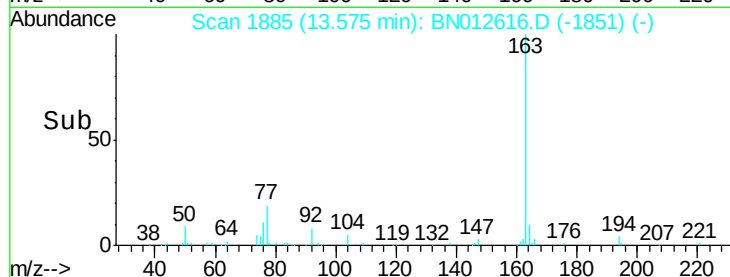
164 10.5 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 79.432 ng/ul

RT: 14.17 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BN012616.D

Acq: 19 Nov 2020 05:09

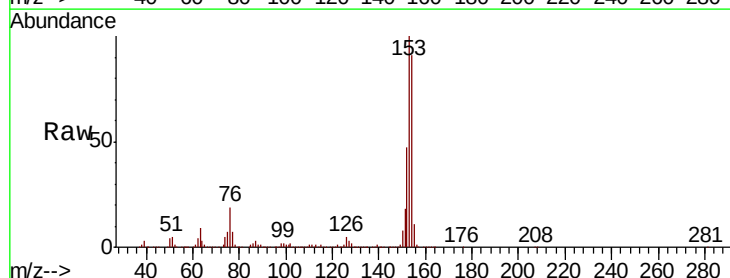
Tgt Ion:153 Resp: 2419364

Ion Ratio Lower Upper

153 100

152 47.3 37.1 55.7

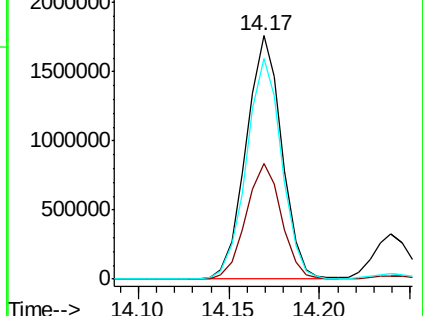
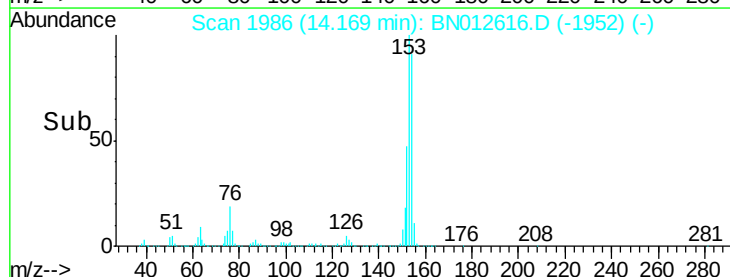
154 90.7 69.7 104.5

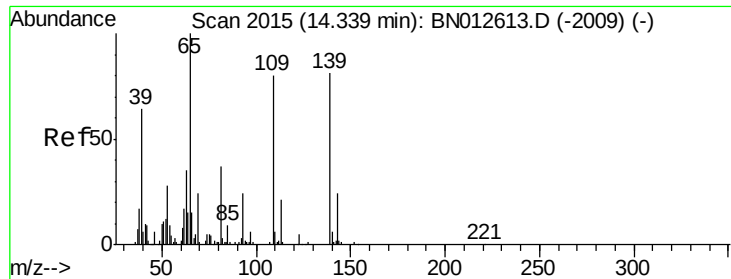


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

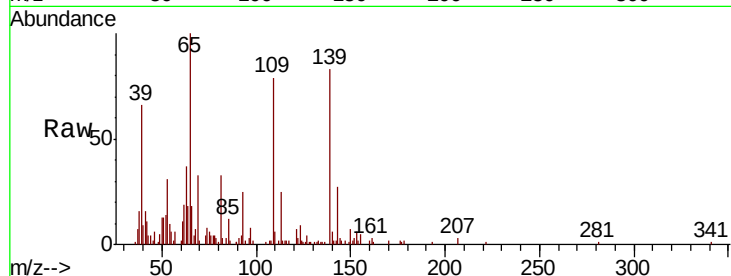




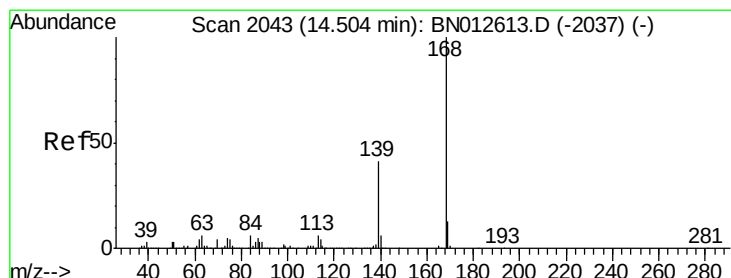
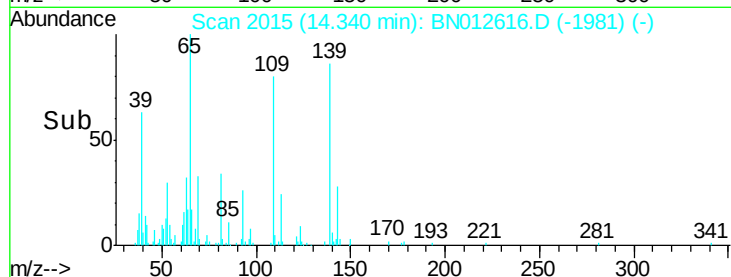
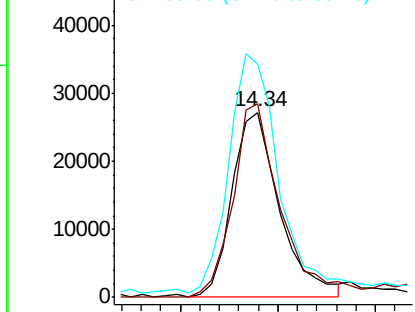
#53
4-Nitrophenol
Concen: 7.729 ng/ul
RT: 14.34 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BN012616.D
Acq: 19 Nov 2020 05:09

Instrument :
BNA_N
ClientSampleId :
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Tot Ion:109 Resp: 46143
Ion Ratio Lower Upper
109 100
139 104.9 93.4 140.0
65 126.2 103.7 155.5

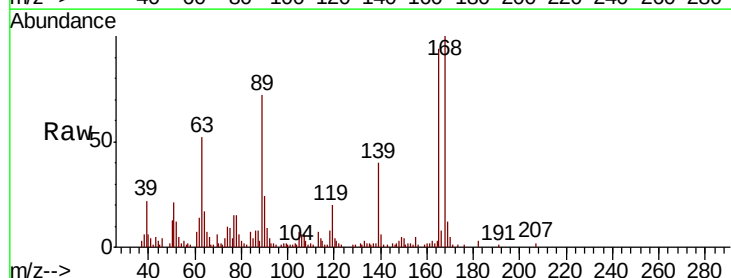


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNC

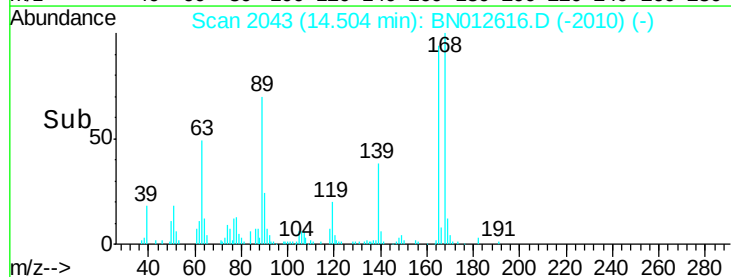
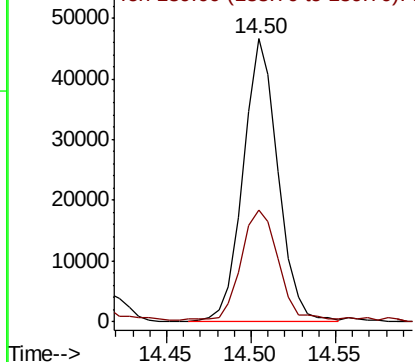


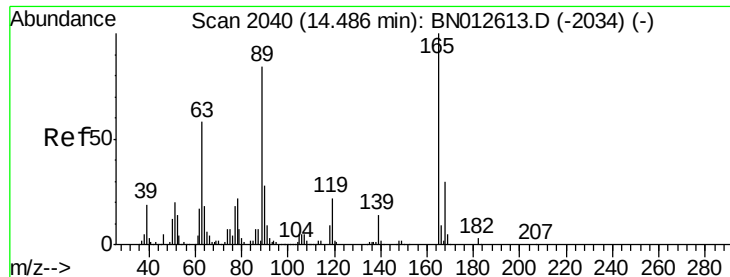
#54
Dibenzofuran
Concen: 1.591 ng/ul
RT: 14.50 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BN012616.D
Acq: 19 Nov 2020 05:09

Tgt Ion:168 Resp: 67160
Ion Ratio Lower Upper
168 100
139 39.7 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#55

2,4-Dinitrotoluene

Concen: 36.651 ng/ul

RT: 14.49 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BN012616.D

Acq: 19 Nov 2020 05:09

Instrument :

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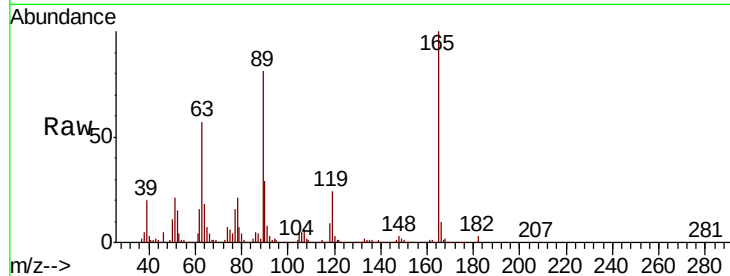
Tot Ion:165 Resp: 378486

Ion Ratio Lower Upper

165 100

63 56.7 39.4 59.0

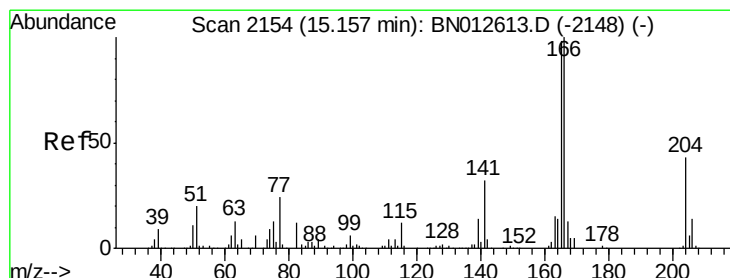
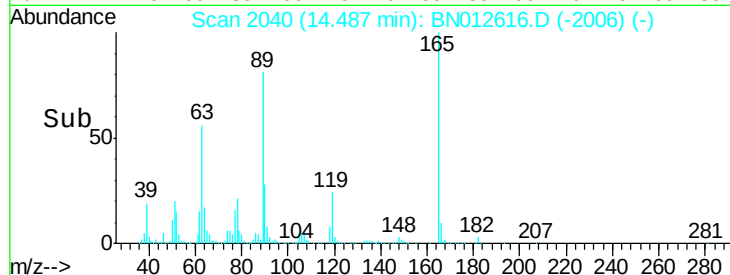
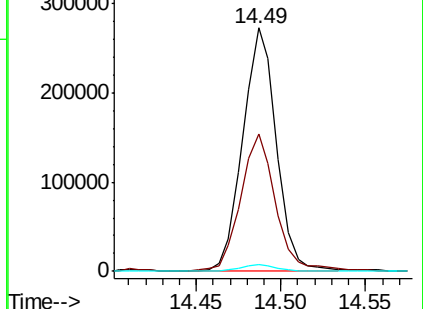
182 2.9 2.8 4.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E



#59

Fluorene

Concen: 19.012 ng/ul

RT: 15.16 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BN012616.D

Acq: 19 Nov 2020 05:09

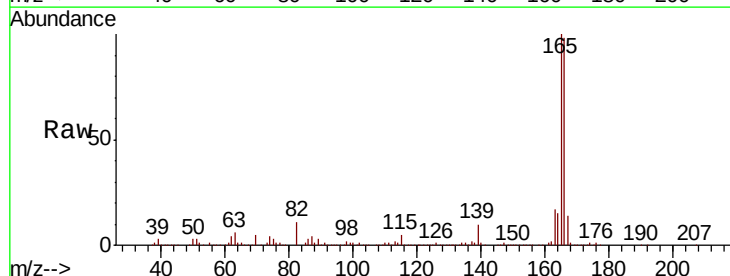
Tgt Ion:166 Resp: 670762

Ion Ratio Lower Upper

166 100

165 101.5 83.3 124.9

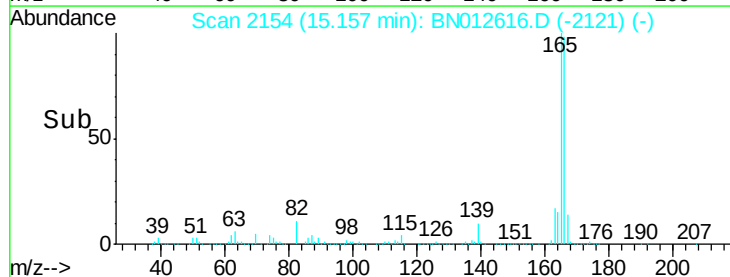
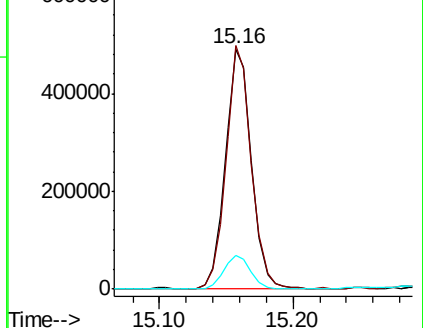
167 14.3 11.0 16.6

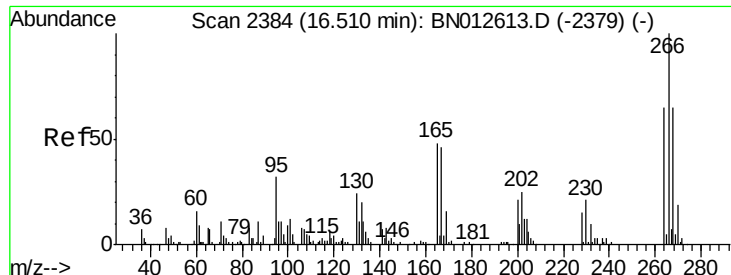


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Pentachlorophenol

Concen: 37.819 ng/ul

RT: 16.51 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BN012616.D

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Instrument :

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DBGF7MS

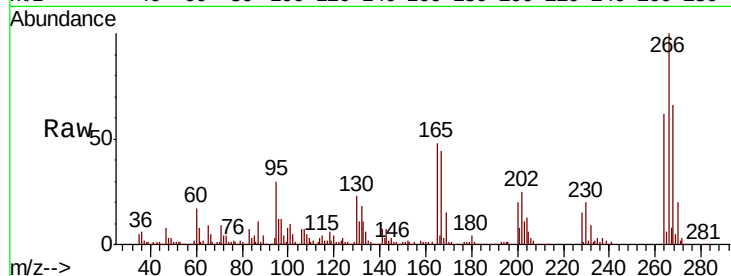
Tot Ion:266 Resp: 283796

Ion Ratio Lower Upper

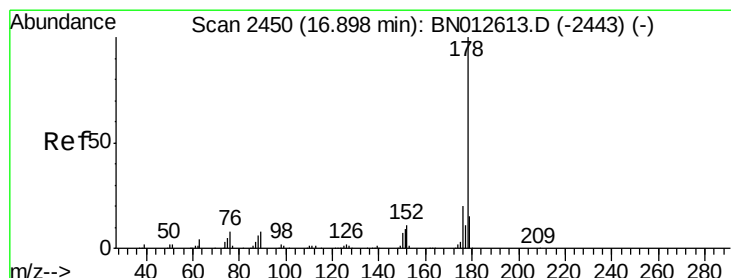
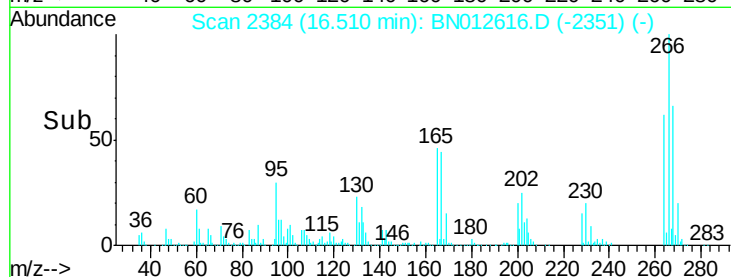
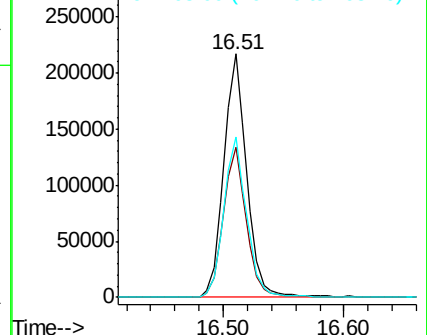
266 100

264 61.8 55.0 82.6

268 65.8 56.9 85.3



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: 8.105 ng/ul

RT: 16.90 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BN012616.D

Acq: 19 Nov 2020 05:09

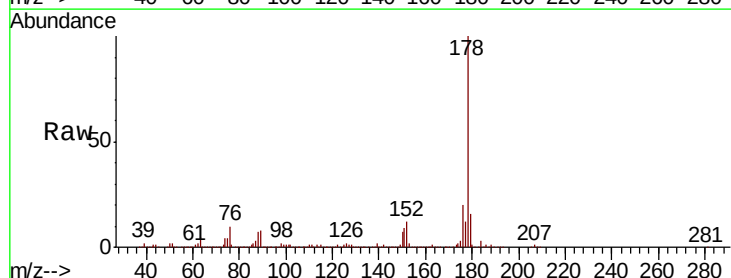
Tgt Ion:178 Resp: 473488

Ion Ratio Lower Upper

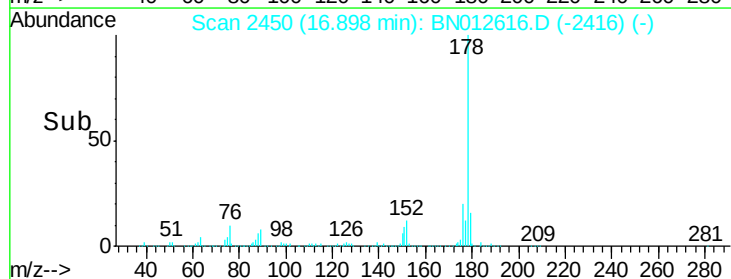
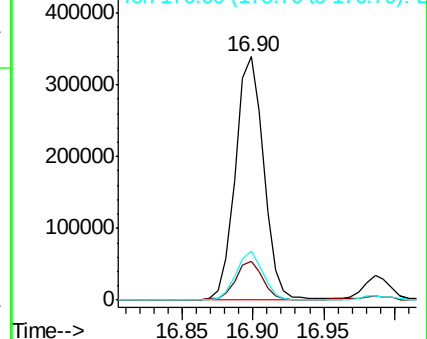
178 100

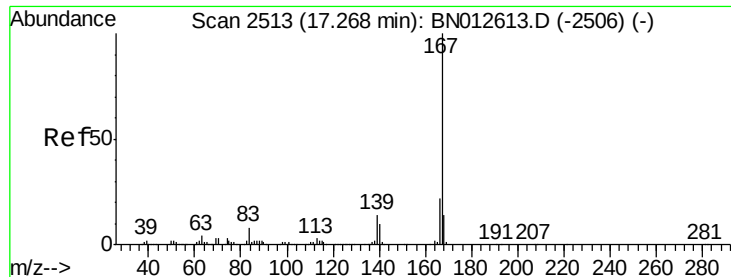
179 16.2 13.1 19.7

176 19.9 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

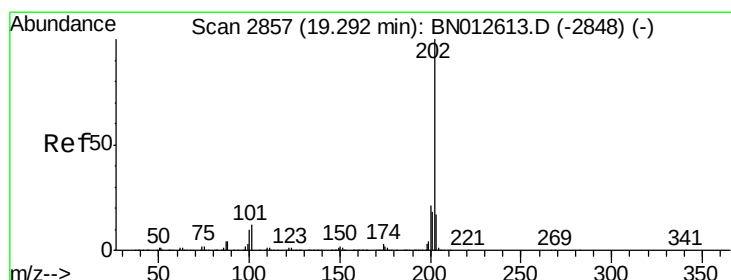
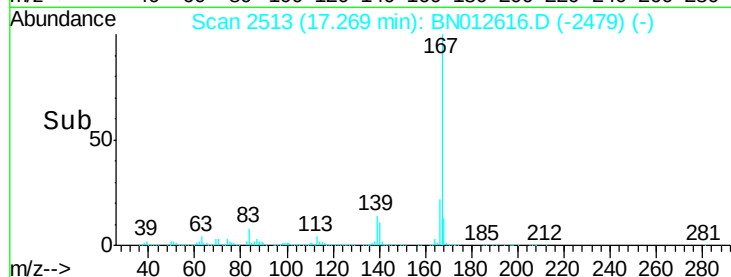
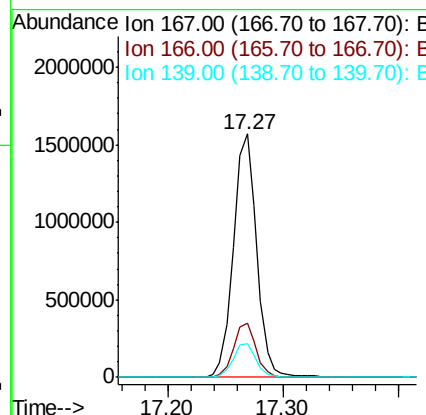
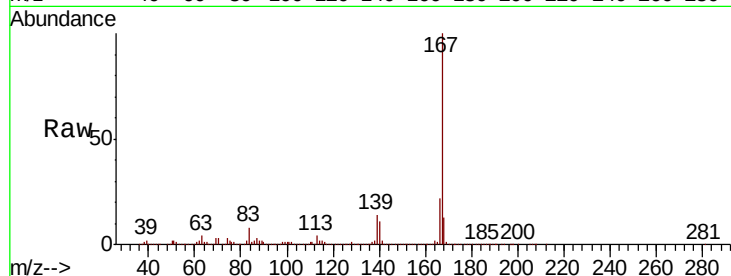




#75
 Carbazole
 Concen: 43.435 ng/ul
 RT: 17.27 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BN012616.D
 Acq: 19 Nov 2020 05:09

Instrument :
 BNA_N
 ClientSampleId :
 DBG7MS

Tot Ion:167 Resp: 2195486
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.8
 139 13.9 10.4 15.6



#80
 Pyrene
 Concen: 37.355 ng/ul
 RT: 19.29 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BN012616.D
 Acq: 19 Nov 2020 05:09

Tgt Ion:202 Resp: 2491142
 Ion Ratio Lower Upper
 202 100
 101 13.5 10.1 15.1
 100 11.2 8.5 12.7

