

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041020\
 Data File : BN010458.D
 Acq On : 10 Apr 2020 14:13
 Operator : CG/JU
 Sample : L2155-06MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFA3MSD

Quant Time: Apr 10 14:45:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 10 12:31:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	453935	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	1890375	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1184576	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	2658293	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	2615744	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	2338961	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	46789	5.39	ng/uL	0.00
5) Phenol-d5	6.79	99	1007015	28.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	563345	31.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	919275	30.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	745436	24.67	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	465177	31.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	531023	32.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	971393	30.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	800878	21.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	3009752	34.24	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	3680611	34.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	434643	25.40	ng/ul	0.00
58) Fluorene-d10	15.23	176	2692877	34.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	267114	19.24	ng/ul	0.00
71) Anthracene-d10	17.08	188	4173059	33.89	ng/ul	0.00
79) Pyrene-d10	19.39	212	4824444	32.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	4115247	33.92	ng/ul	0.00

Target Compounds

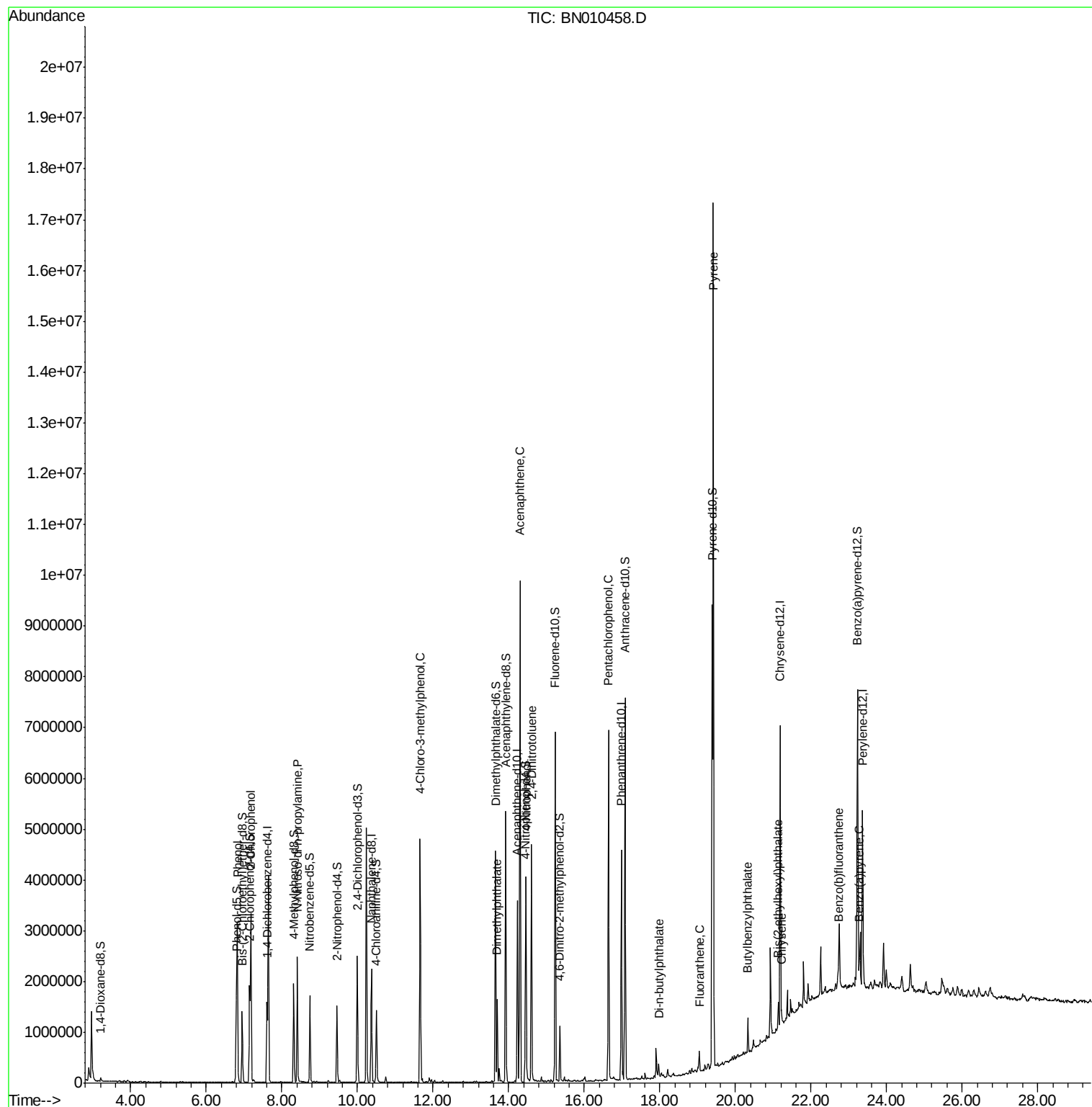
					Ovalue	
6) Phenol	6.82	94	1880886	50.698	ng/ul	99
10) 2-Chlorophenol	7.18	128	1558772	50.138	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.41	70	1118916	51.129	ng/ul	99
33) 4-Chloro-3-methylphenol	11.66	107	1765759	53.744	ng/ul	98
45) Dimethylphthalate	13.70	163	1040092	11.398	ng/ul	100
50) Acenaphthene	14.30	153	4094746	52.512	ng/ul	99
53) 4-Nitrophenol	14.46	109	746564	53.891	ng/ul	94
55) 2,4-Dinitrotoluene	14.60	165	1498875	54.219	ng/ul	97
69) Pentachlorophenol	16.64	266	1130666	53.647	ng/ul	99
76) Di-n-butylphthalate	17.97	149	183685	1.186	ng/ul	99
77) Fluoranthene	19.05	202	234475	1.462	ng/ul	97
80) Pyrene	19.42	202	9991183	52.865	ng/ul	100
81) Butylbenzylphthalate	20.33	149	189399	2.323	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	187399	1.592	ng/ul	98
85) Chrysene	21.22	228	171824	1.007	ng/ul#	90
88) Benzo(b)fluoranthene	22.72	252	278225	1.823	ng/ul#	86
91) Benzo(a)pyrene	23.27	252	156860	1.157	ng/ul#	90

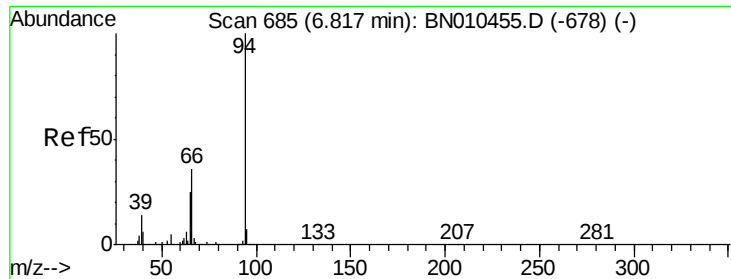
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 50.698 ng/ul

RT: 6.82 min Scan# 686

Delta R.T. 0.01 min

Lab File: BN010458.D

Acq: 10 Apr 2020 14:13

Instrument :

BNA_N

ClientSampleId :

DBFA3MSD

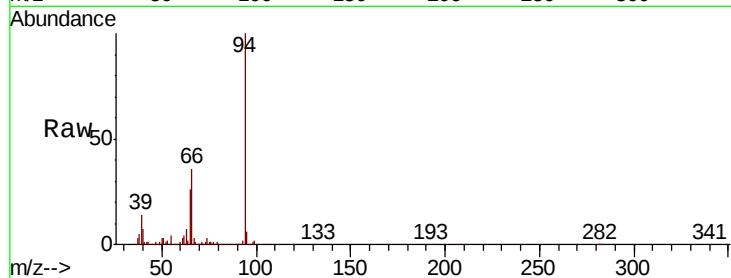
Tot Ion: 94 Resp: 1880886

Ion Ratio Lower Upper

94 100

65 26.2 21.1 31.7

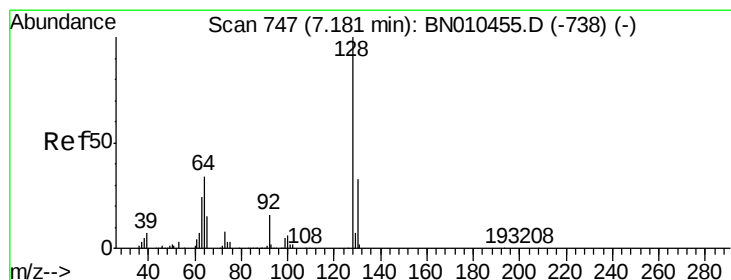
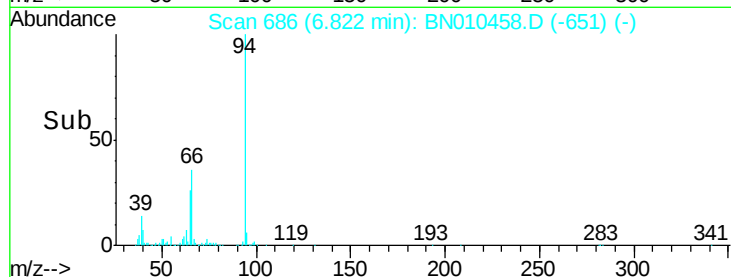
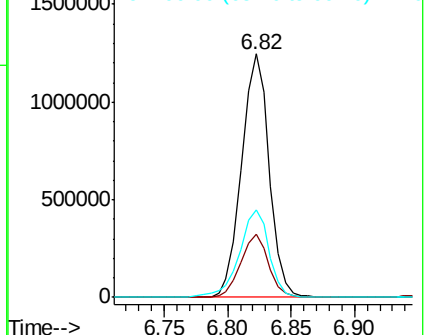
66 35.7 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BN010455.D (-678) (-)

Ion 65.00 (64.70 to 65.70): BN010455.D (-678) (-)

Ion 66.00 (65.70 to 66.70): BN010455.D (-678) (-)



#10

2-Chlorophenol

Concen: 50.138 ng/ul

RT: 7.18 min Scan# 747

Delta R.T. -0.00 min

Lab File: BN010458.D

Acq: 10 Apr 2020 14:13

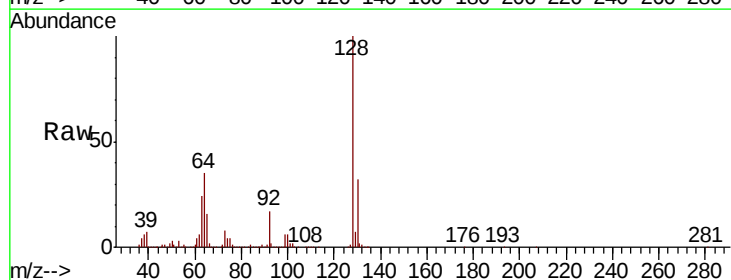
Tgt Ion: 128 Resp: 1558772

Ion Ratio Lower Upper

128 100

64 35.0 29.7 44.5

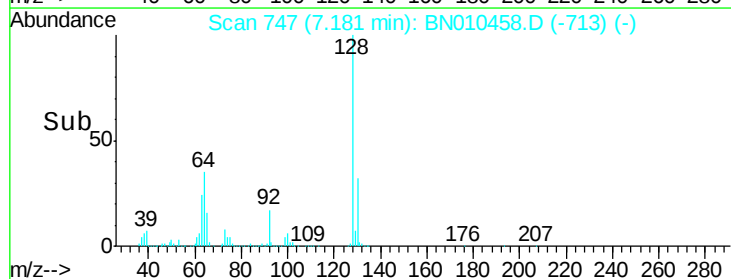
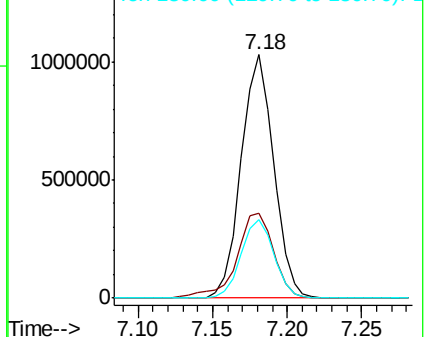
130 32.2 27.0 40.6

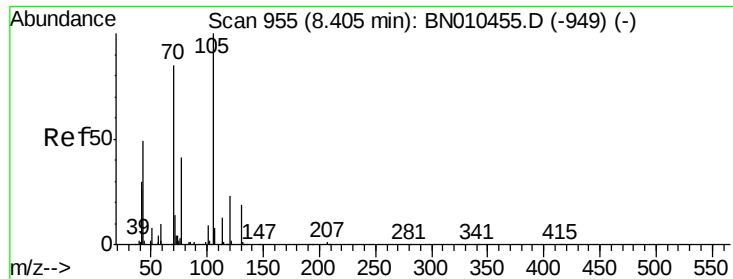


Abundance Ion 128.00 (127.70 to 128.70): BN010455.D (-738) (-)

Ion 64.00 (63.70 to 64.70): BN010455.D (-738) (-)

Ion 130.00 (129.70 to 130.70): BN010455.D (-738) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 51.129 ng/ul

RT: 8.41 min Scan# 956

Delta R.T. 0.01 min

Lab File: BN010458.D

Acq: 10 Apr 2020 14:13

Instrument :

BNA_N

ClientSampleId :

DBFA3MSD

Tot Ion: 70 Resp: 1118916

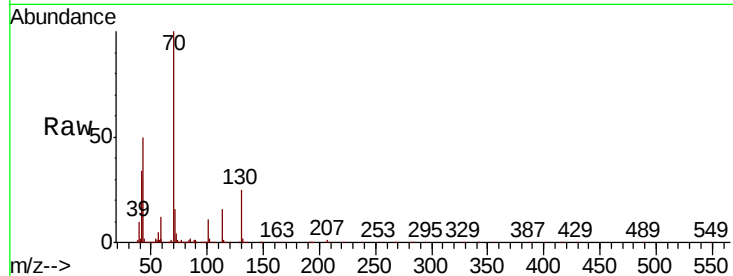
Ion	Ratio	Lower	Upper
70	100		
42	33.7	26.6	39.8
101	10.9	8.4	12.6
130	24.5	19.7	29.5

70 100

42 33.7 26.6 39.8

101 10.9 8.4 12.6

130 24.5 19.7 29.5

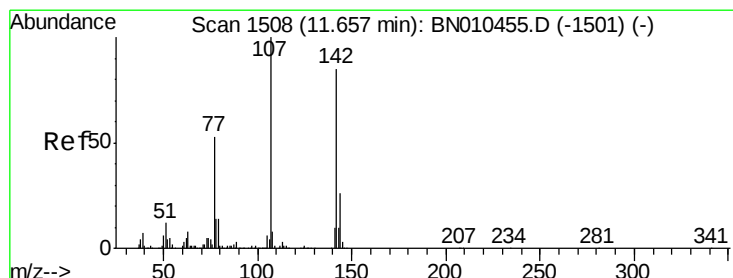
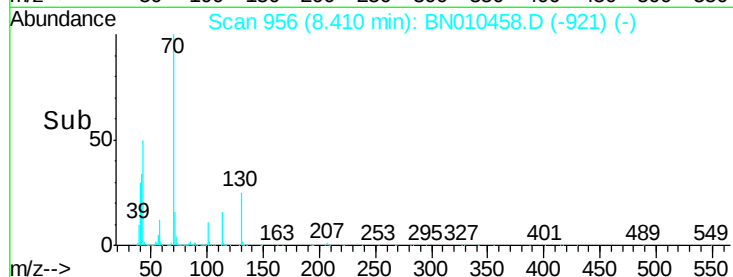
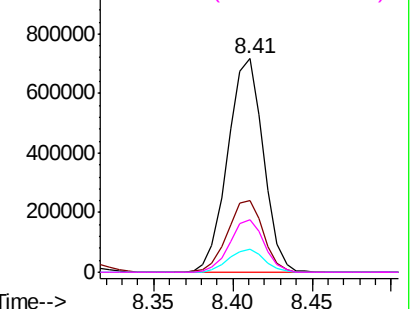


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 53.744 ng/ul

RT: 11.66 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BN010458.D

Acq: 10 Apr 2020 14:13

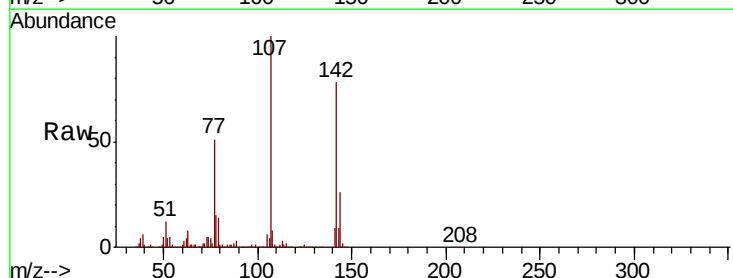
Tgt Ion:107 Resp: 1765759

Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.7	31.1
142	78.3	64.5	96.7

107 100

144 25.9 20.7 31.1

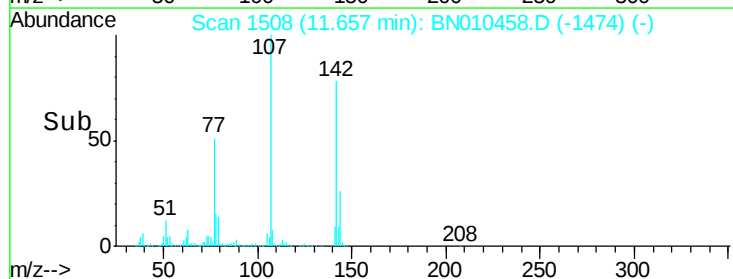
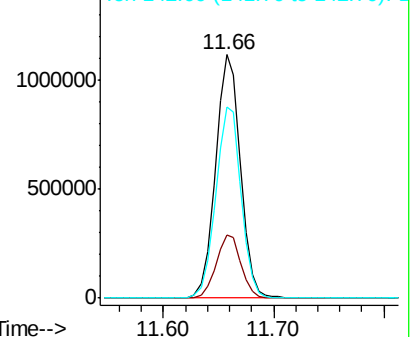
142 78.3 64.5 96.7

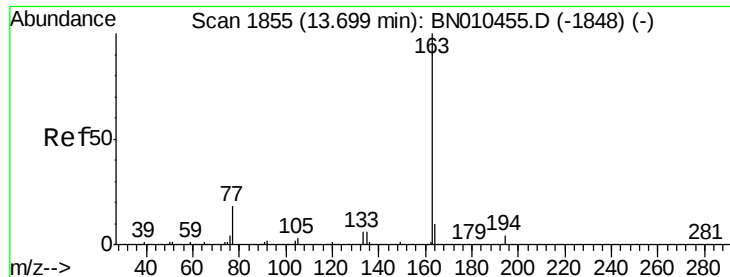


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 11.398 ng/ul

RT: 13.70 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BN010458.D

Acq: 10 Apr 2020 14:13

Instrument :

BNA_N

ClientSampleId :

DBFA3MSD

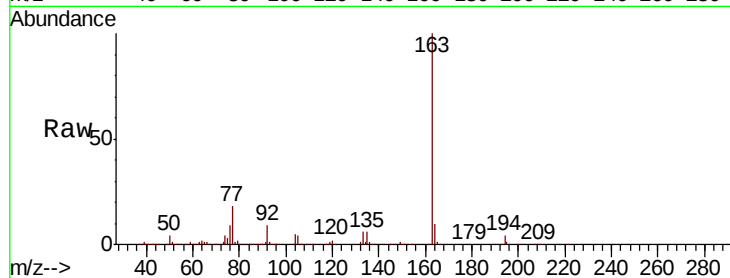
Tot Ion:163 Resp: 1040092

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

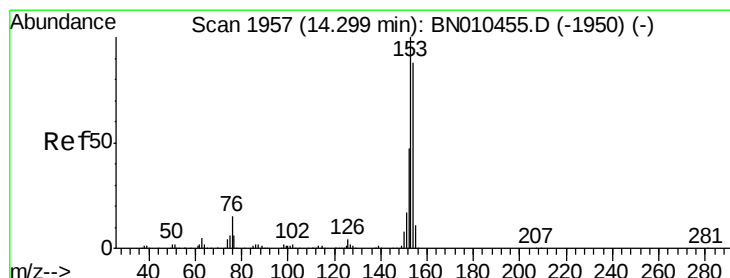
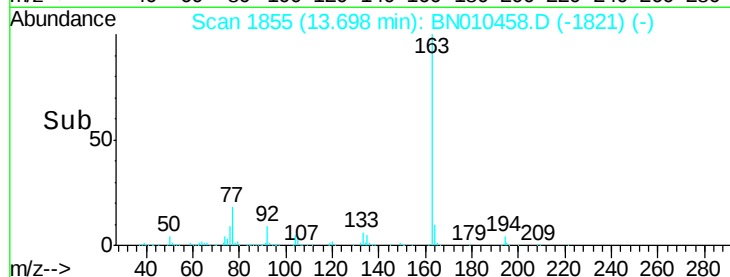
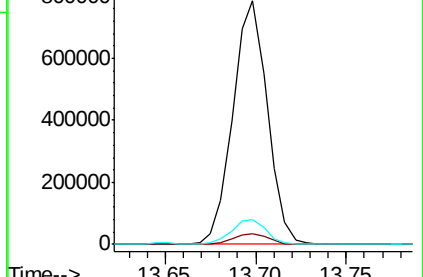
164 10.0 8.0 12.0



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: 52.512 ng/ul

RT: 14.30 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BN010458.D

Acq: 10 Apr 2020 14:13

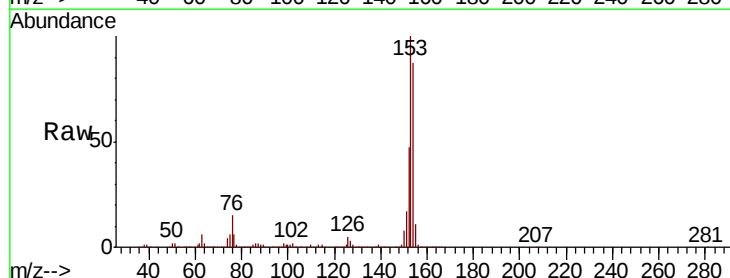
Tgt Ion:153 Resp: 4094746

Ion Ratio Lower Upper

153 100

152 46.5 36.8 55.2

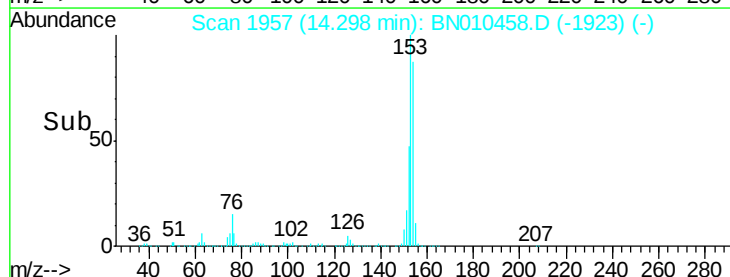
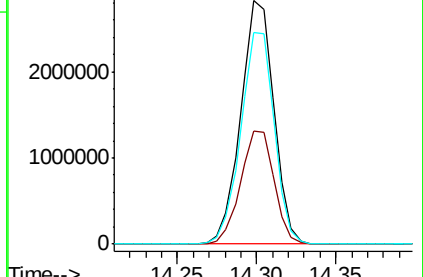
154 86.7 68.2 102.2

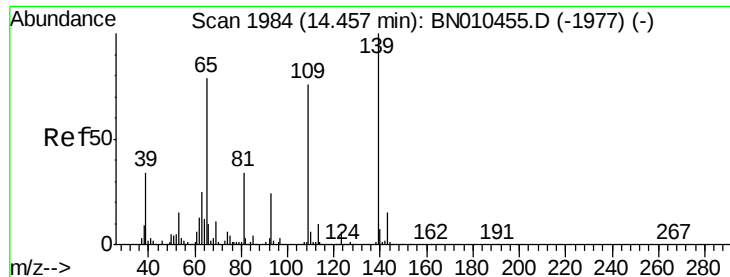


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 53.891 ng/ul

RT: 14.46 min Scan# 1985

Delta R.T. 0.01 min

Lab File: BN010458.D

Acq: 10 Apr 2020 14:13

Instrument :

BNA_N

ClientSampleId :

DBFA3MSD

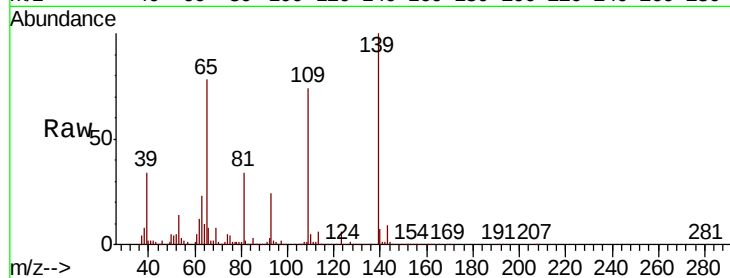
Tot Ion:109 Resp: 746564

Ion Ratio Lower Upper

109 100

139 135.2 101.5 152.3

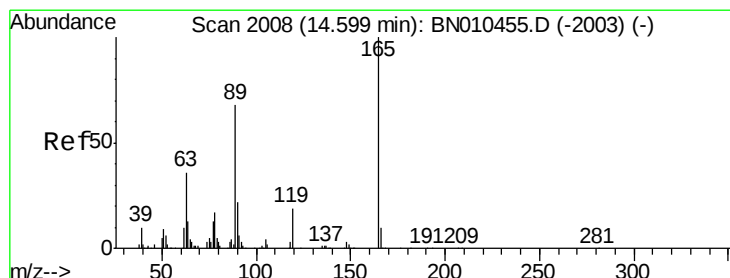
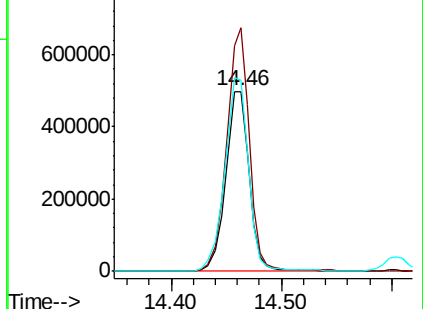
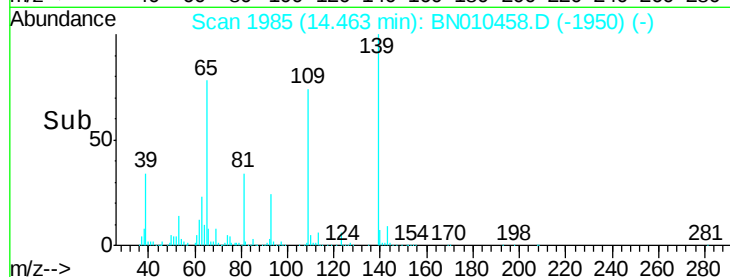
65 105.8 87.9 131.9



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): BNO



#55

2,4-Dinitrotoluene

Concen: 54.219 ng/ul

RT: 14.60 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BN010458.D

Acq: 10 Apr 2020 14:13

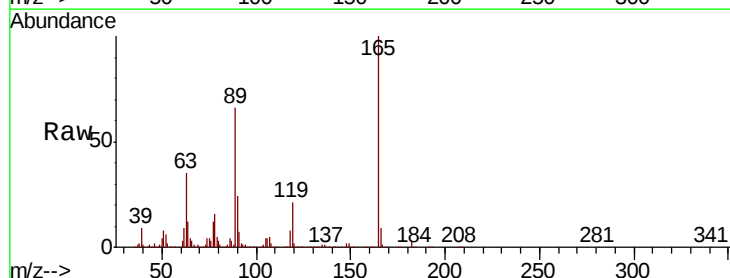
Tgt Ion:165 Resp: 1498875

Ion Ratio Lower Upper

165 100

63 35.0 26.6 39.8

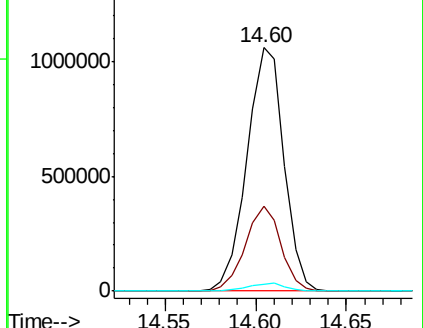
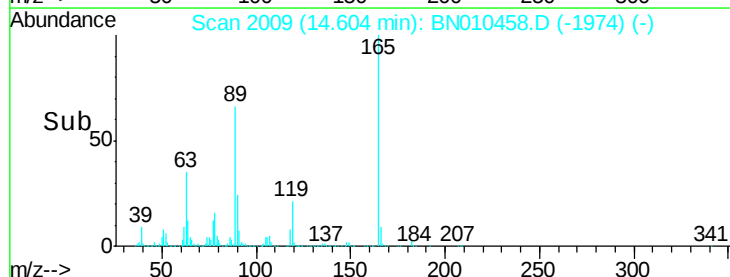
182 3.0 2.2 3.2

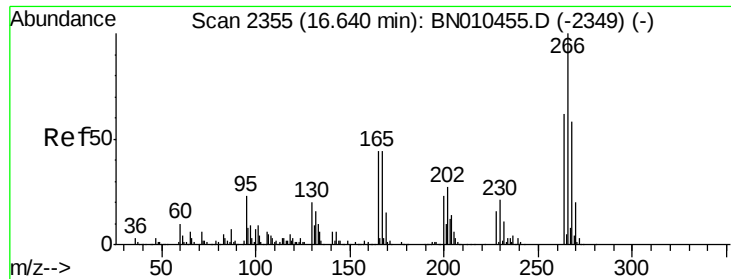


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 53.647 ng/ul

RT: 16.64 min Scan# 2355

Delta R.T. -0.00 min

Lab File: BN010458.D

Acq: 10 Apr 2020 14:13

Instrument :

BNA_N

ClientSampled :

DBFA3MSD

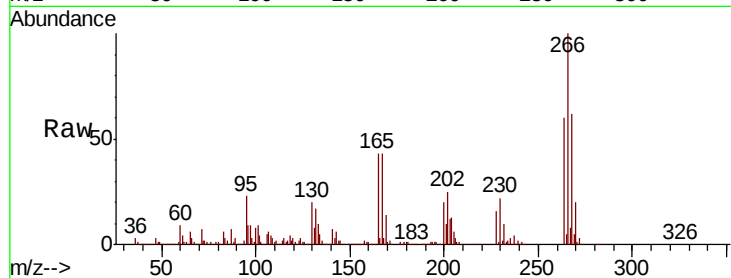
Tot Ion:266 Resp: 1130666

Ion Ratio Lower Upper

266 100

264 60.4 47.9 71.9

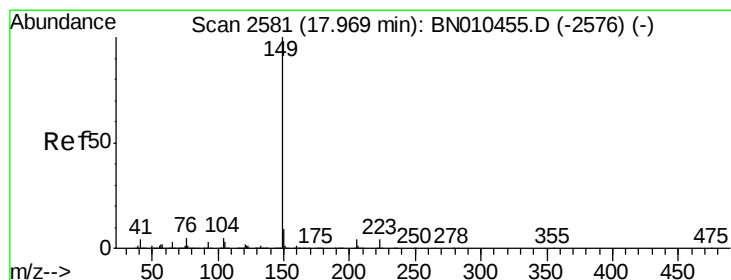
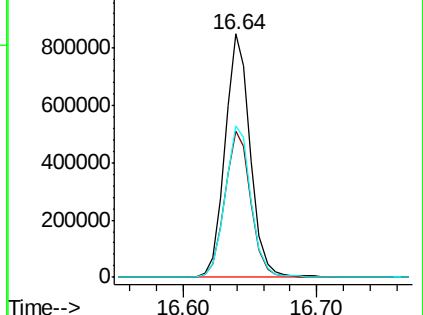
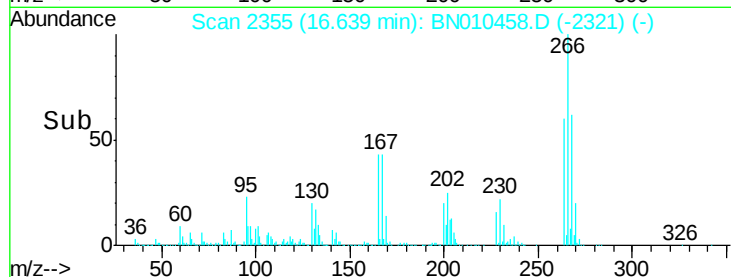
268 62.3 50.4 75.6



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



#76

Di-n-butylphthalate

Concen: 1.186 ng/ul

RT: 17.97 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BN010458.D

Acq: 10 Apr 2020 14:13

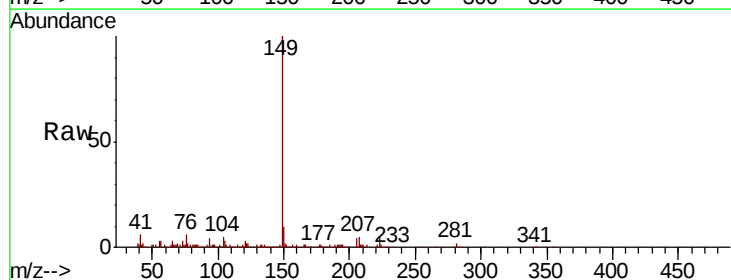
Tgt Ion:149 Resp: 183685

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.2

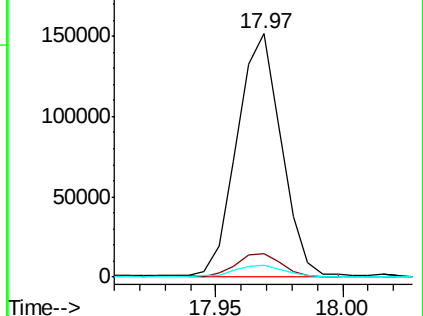
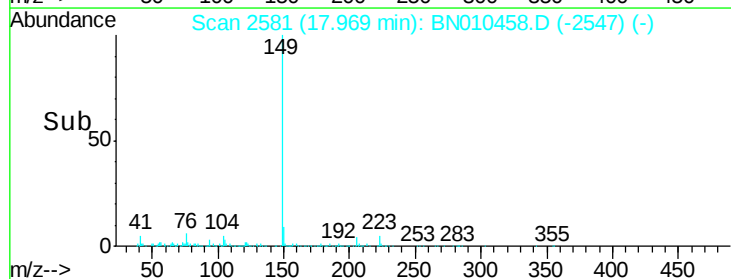
104 4.8 4.1 6.1

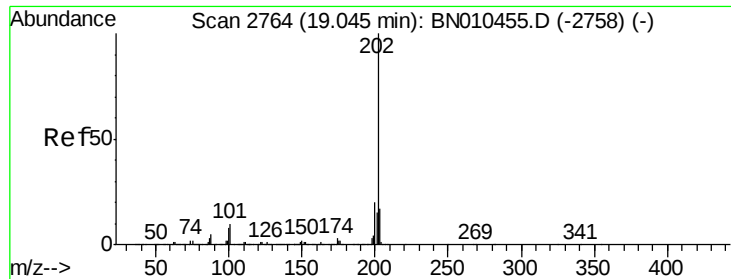


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

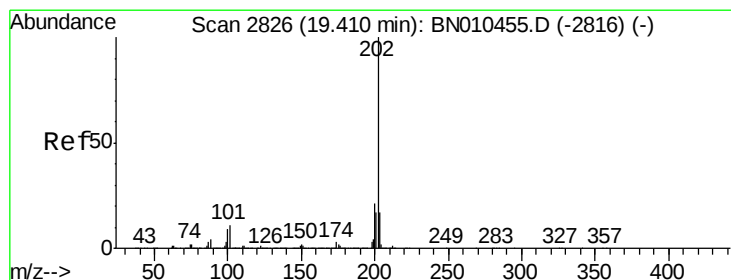
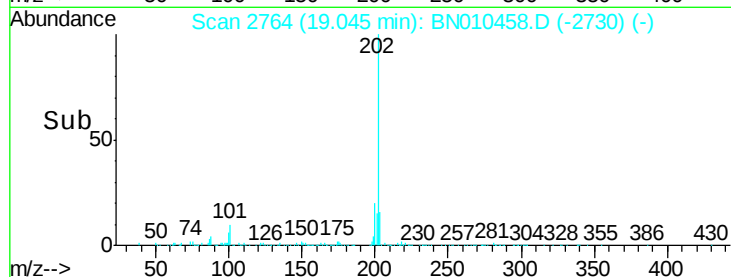
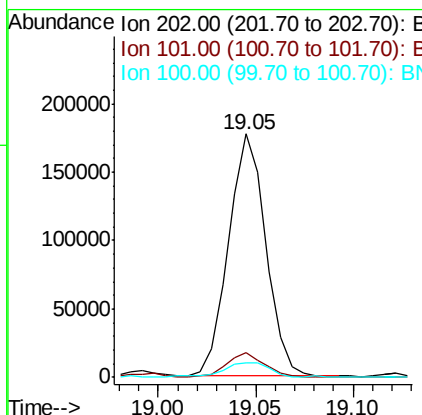
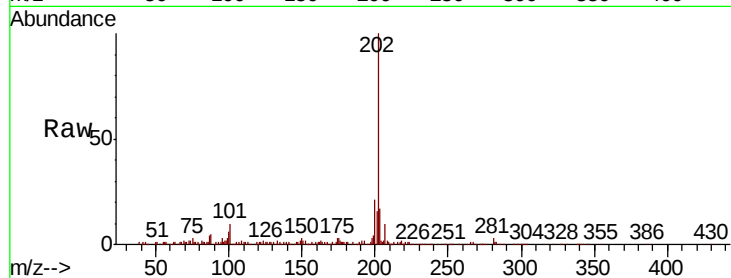




#77
 Fluoranthene
 Concen: 1.462 ng/ul
 RT: 19.05 min Scan# 2764
 Delta R.T. -0.00 min
 Lab File: BN010458.D
 Acq: 10 Apr 2020 14:13

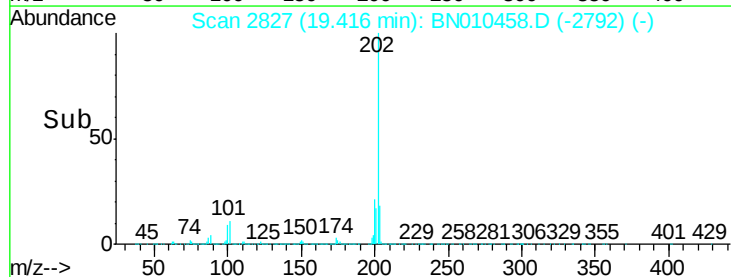
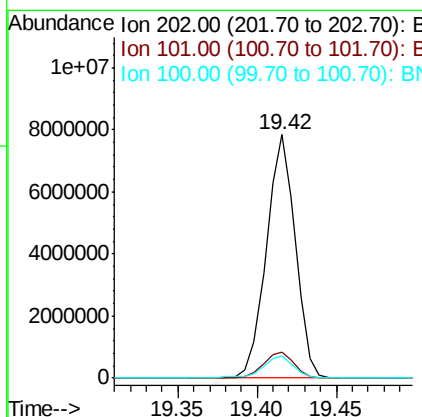
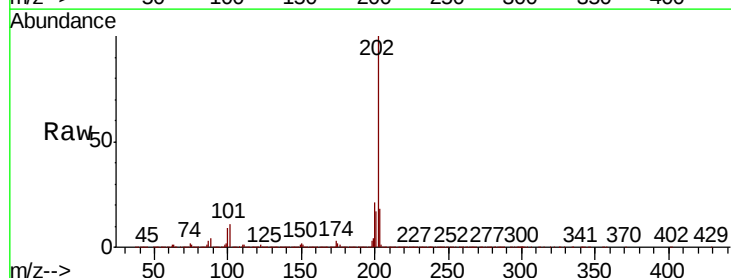
Instrument :
 BNA_N
 ClientSampleId :
 DBFA3MSD

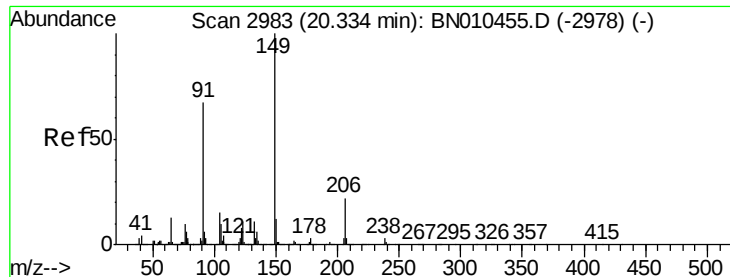
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.1	10.7
100	6.1	5.5	8.3



#80
 Pyrene
 Concen: 52.865 ng/ul
 RT: 19.42 min Scan# 2827
 Delta R.T. 0.01 min
 Lab File: BN010458.D
 Acq: 10 Apr 2020 14:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.6	13.0
100	9.0	7.0	10.6

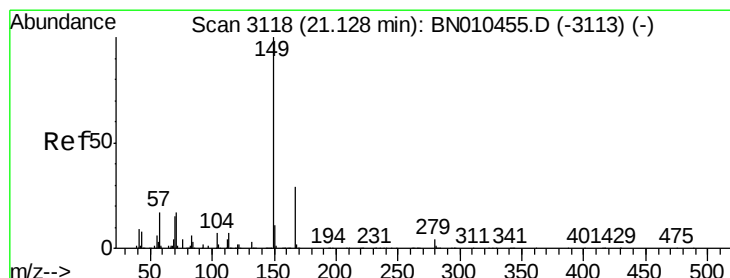
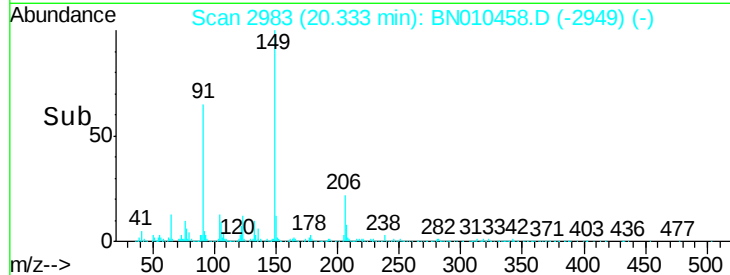
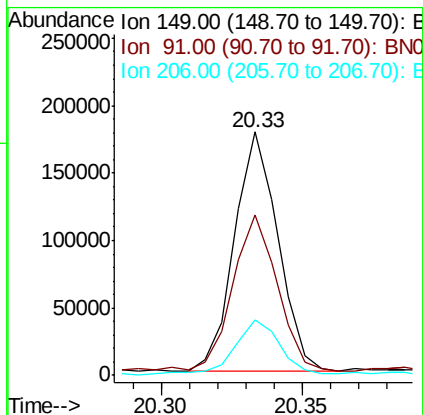
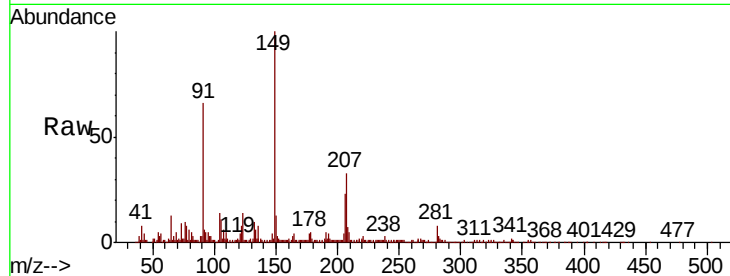




#81
 Butylbenzylphthalate
 Concen: 2.323 ng/ul
 RT: 20.33 min Scan# 2983
 Delta R.T. -0.00 min
 Lab File: BN010458.D
 Acq: 10 Apr 2020 14:13

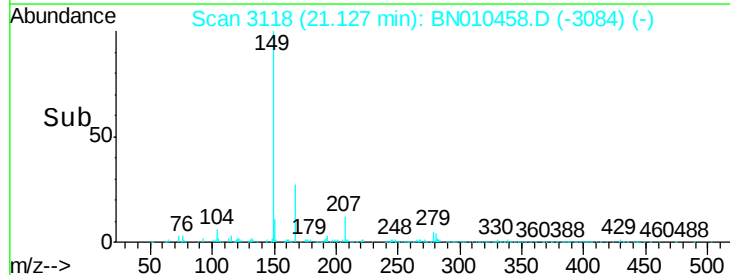
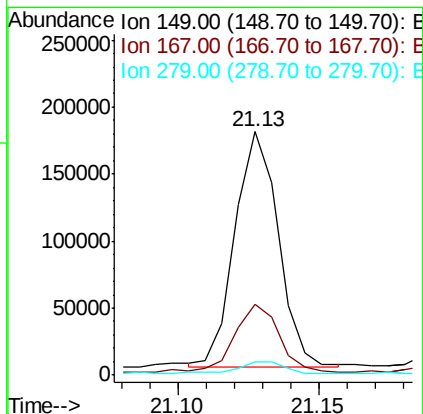
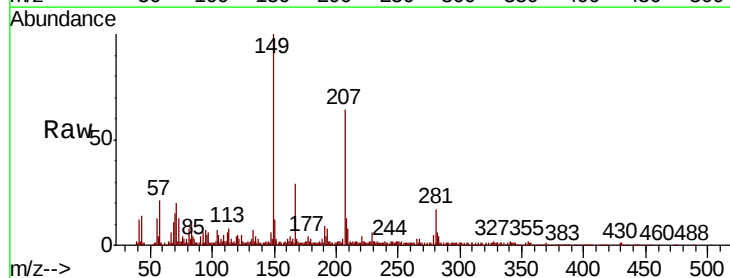
Instrument :
 BNA_N
 ClientSampleId :
 DBFA3MSD

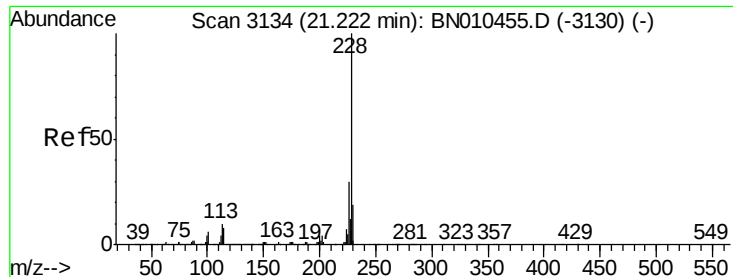
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.8	51.5	77.3
206	22.6	18.2	27.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.592 ng/ul
 RT: 21.13 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BN010458.D
 Acq: 10 Apr 2020 14:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.4	33.6
279	5.5	3.8	5.6





#85

Chrysene

Concen: 1.007 ng/ul

RT: 21.22 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BN010458.D

Acq: 10 Apr 2020 14:13

Instrument :

BNA_N

ClientSampleId :

DBFA3MSD

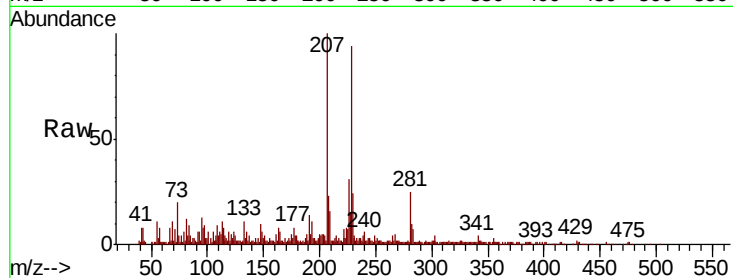
Tot Ion:228 Resp: 171824

Ion Ratio Lower Upper

228 100

226 32.8 23.0 34.6

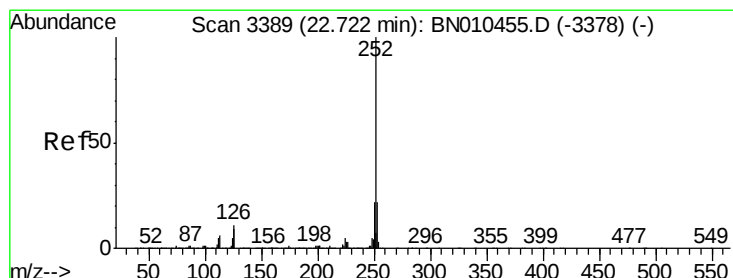
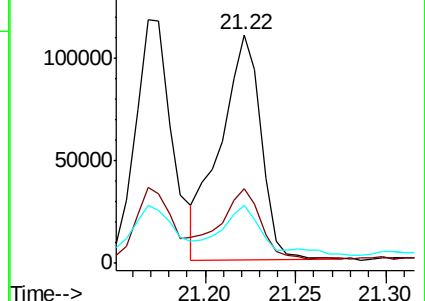
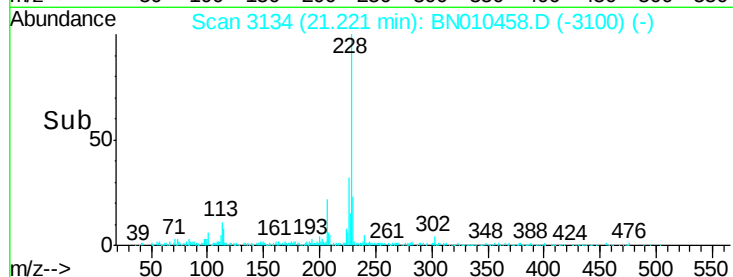
229 25.3 15.0 22.4#



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: 1.823 ng/ul

RT: 22.72 min Scan# 3389

Delta R.T. -0.00 min

Lab File: BN010458.D

Acq: 10 Apr 2020 14:13

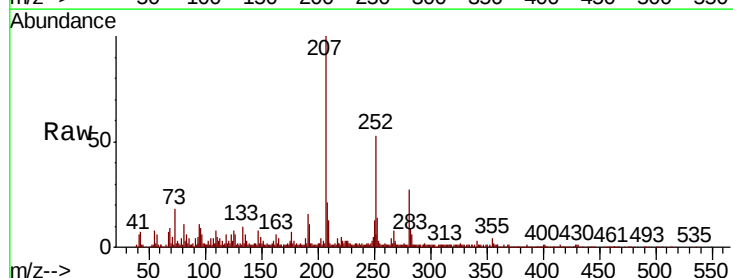
Tgt Ion:252 Resp: 278225

Ion Ratio Lower Upper

252 100

253 26.9 16.7 25.1#

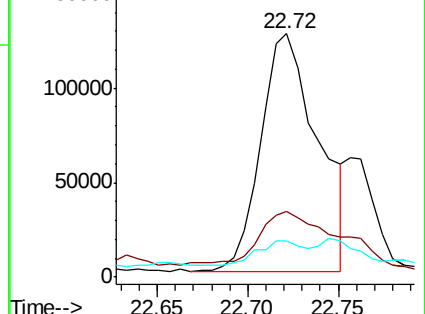
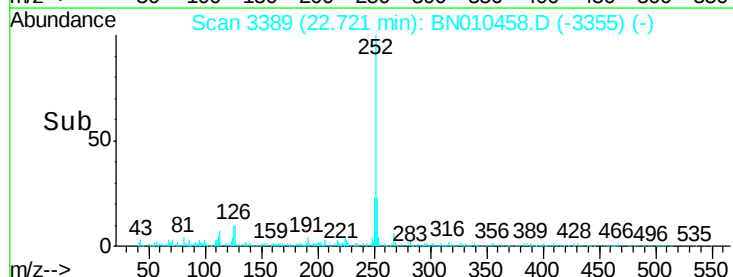
125 14.6 7.2 10.8#

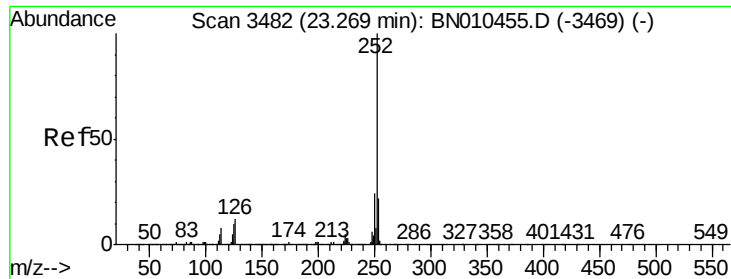


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.157 ng/ul

RT: 23.27 min Scan# 3482

Delta R.T. -0.00 min

Lab File: BN010458.D

Acq: 10 Apr 2020 14:13

Instrument :

BNA_N

ClientSampleId :

DBFA3MSD

Tot Ion:252 Resp: 156860

Ion Ratio Lower Upper

252 100

253 27.2 17.8 26.8#

125 13.1 7.8 11.6#

