

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041020\
 Data File : BN010457.D
 Acq On : 10 Apr 2020 13:37
 Operator : CG/JU
 Sample : L2155-05MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFA3MS

Quant Time: Apr 10 14:07:51 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	7.61	152	475459	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2010193	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1259127	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	2820297	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	2645736	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	2352084	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	49081	5.40	ng/uL	0.00
5) Phenol-d5	6.79	99	1078214	28.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	593112	31.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	972717	30.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	794675	25.11	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	489698	31.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	559006	32.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	1038242	30.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	849557	21.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	3187669	34.12	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	3909275	34.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	477674	26.26	ng/ul	0.00
58) Fluorene-d10	15.23	176	2823482	33.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	304320	20.66	ng/ul	0.00
71) Anthracene-d10	17.08	188	4361831	33.39	ng/ul	0.00
79) Pyrene-d10	19.39	212	5050459	33.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	4122320	33.79	ng/ul	0.00

Target Compounds

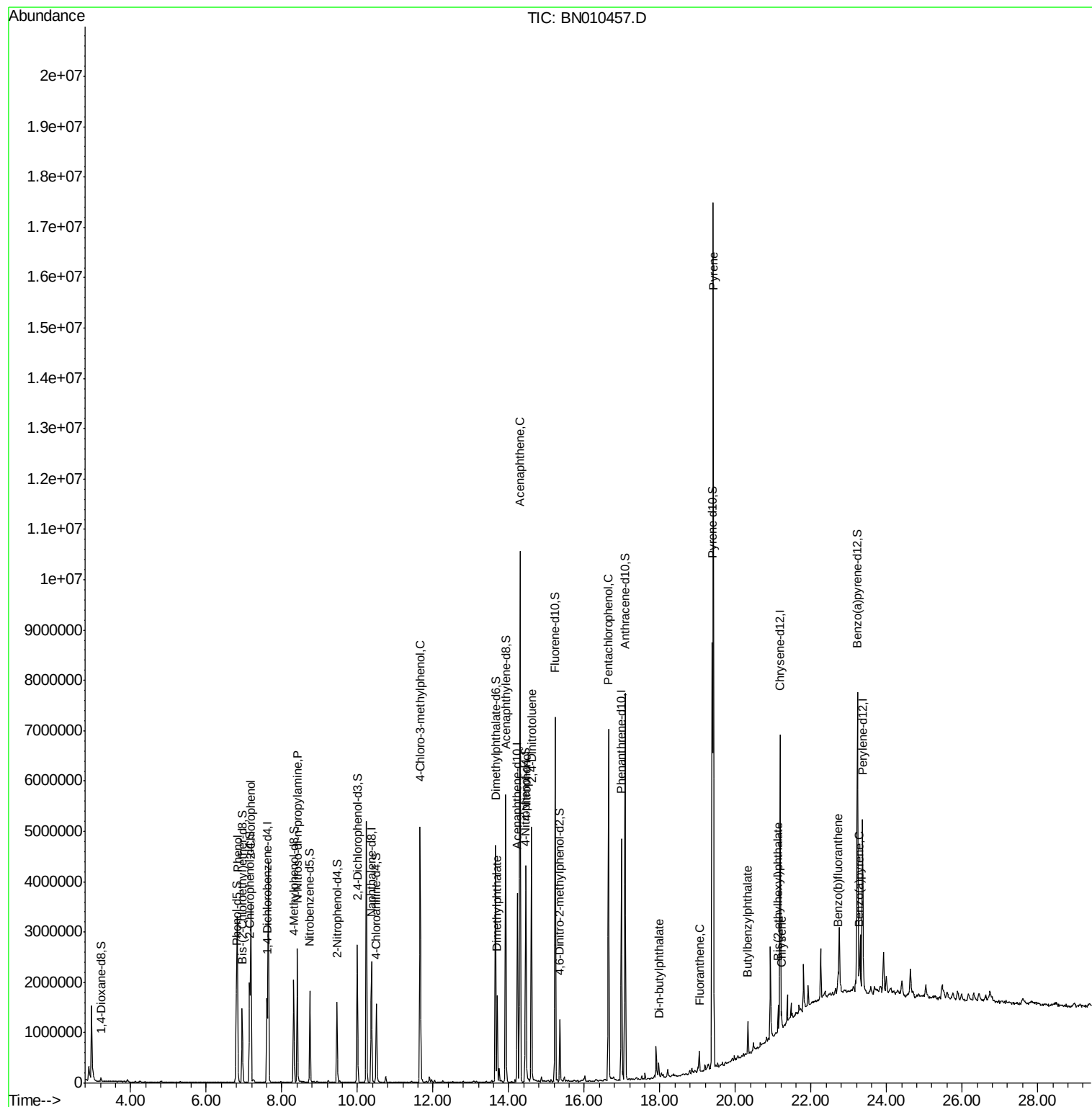
					Ovalue	
6) Phenol	6.82	94	1977590	50.891	ng/ul	98
10) 2-Chlorophenol	7.18	128	1672782	51.369	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.41	70	1204437	52.545	ng/ul	99
33) 4-Chloro-3-methylphenol	11.66	107	1849878	52.948	ng/ul	99
45) Dimethylphthalate	13.70	163	1086553	11.202	ng/ul	99
50) Acenaphthene	14.30	153	4276570	51.596	ng/ul	96
53) 4-Nitrophenol	14.46	109	779209	52.917	ng/ul	97
55) 2,4-Dinitrotoluene	14.60	165	1581544	53.822	ng/ul	98
69) Pentachlorophenol	16.64	266	1151856	51.513	ng/ul	93
76) Di-n-butylphthalate	17.97	149	196825	1.198	ng/ul	99
77) Fluoranthene	19.05	202	248064	1.458	ng/ul	99
80) Pyrene	19.42	202	10236919	53.551	ng/ul	98
81) Butylbenzylphthalate	20.33	149	195611	2.372	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.13	149	204985	1.721	ng/ul	98
85) Chrysene	21.22	228	175764	1.018	ng/ul#	87
88) Benzo(b)fluoranthene	22.72	252	249856	1.628	ng/ul#	85
91) Benzo(a)pyrene	23.27	252	153812	1.128	ng/ul#	93

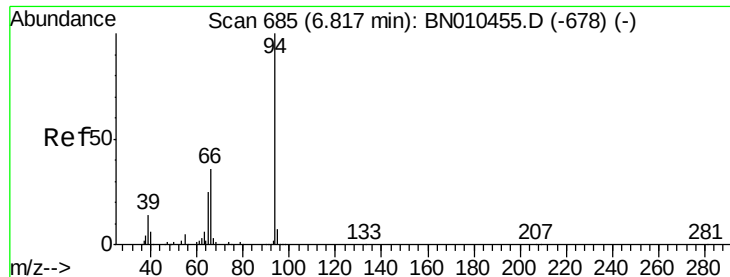
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 10 12:31:39 2020
Response via : Initial Calibration





#6

Phenol

Concen: 50.891 ng/ul

RT: 6.82 min Scan# 686

Delta R.T. 0.01 min

Lab File: BN010457.D

Acq: 10 Apr 2020 13:37

Instrument :

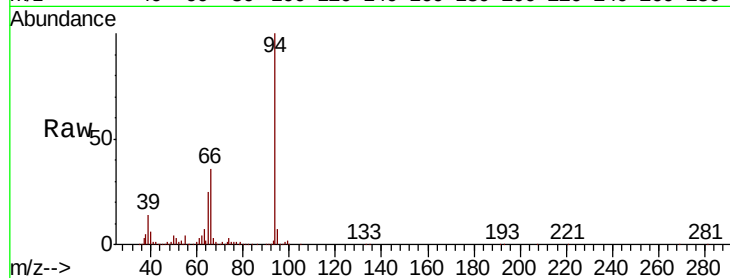
BNA_N

ClientSampleId :

DBFA3MS

Tot Ion: 94 Resp: 1977590

Ion	Ratio	Lower	Upper
94	100		
65	24.9	21.1	31.7
66	36.1	29.3	43.9

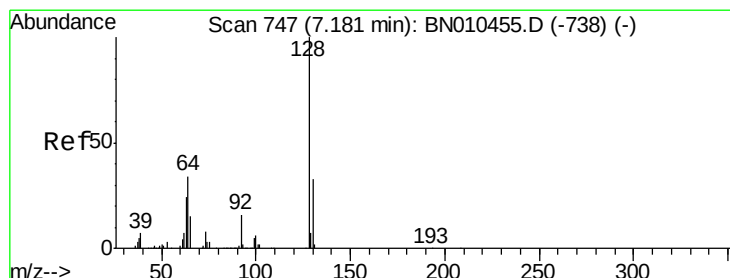
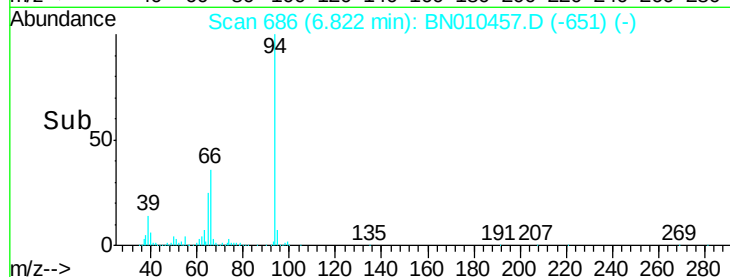
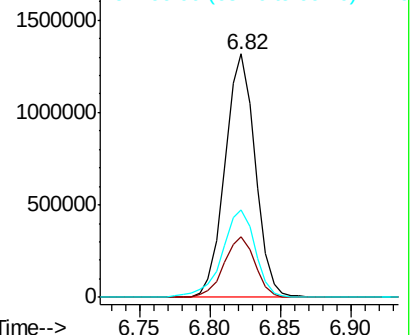


Abundance

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: 51.369 ng/ul

RT: 7.18 min Scan# 747

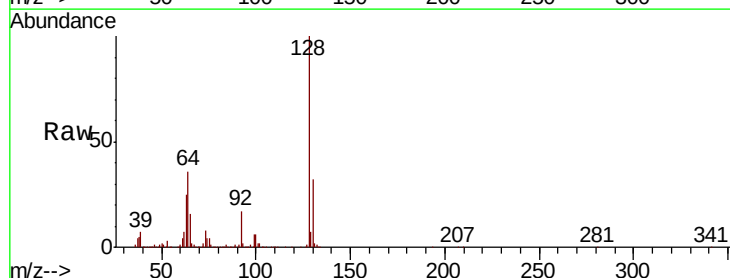
Delta R.T. -0.00 min

Lab File: BN010457.D

Acq: 10 Apr 2020 13:37

Tgt Ion: 128 Resp: 1672782

Ion	Ratio	Lower	Upper
128	100		
64	36.3	29.7	44.5
130	31.8	27.0	40.6

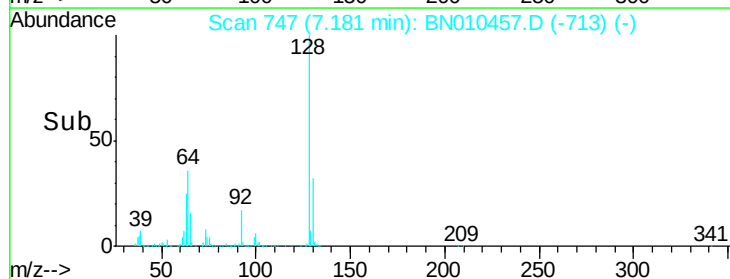
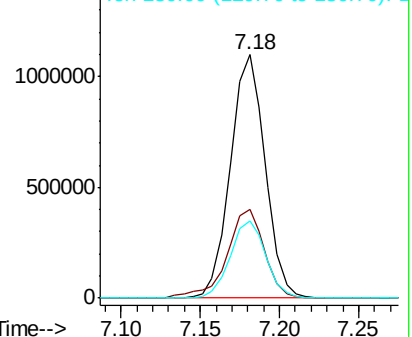


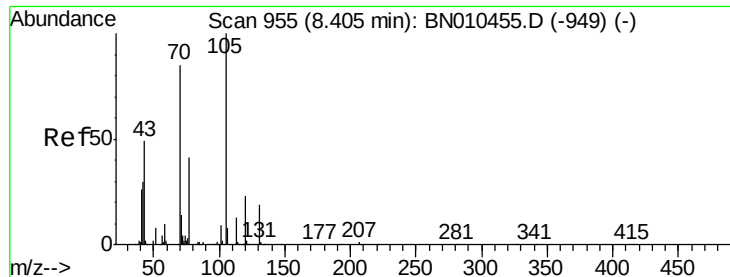
Abundance

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: 52.545 ng/ul

RT: 8.41 min Scan# 956

Delta R.T. 0.01 min

Lab File: BN010457.D

Acq: 10 Apr 2020 13:37

Instrument :

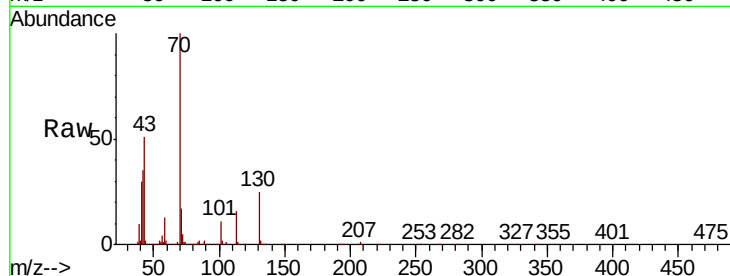
BNA_N

ClientSampleId :

DBFA3MS

Tot Ion: 70 Resp: 1204437

Ion	Ratio	Lower	Upper
70	100		
42	34.6	26.6	39.8
101	10.8	8.4	12.6
130	24.6	19.7	29.5

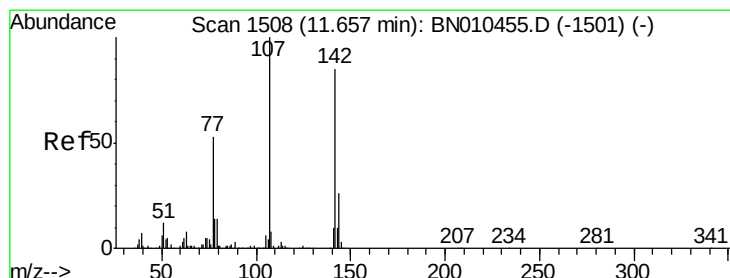
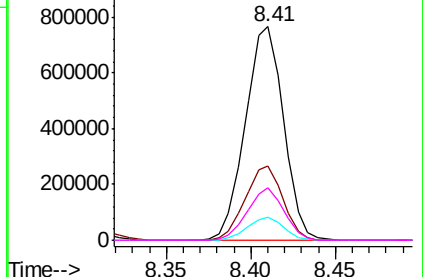
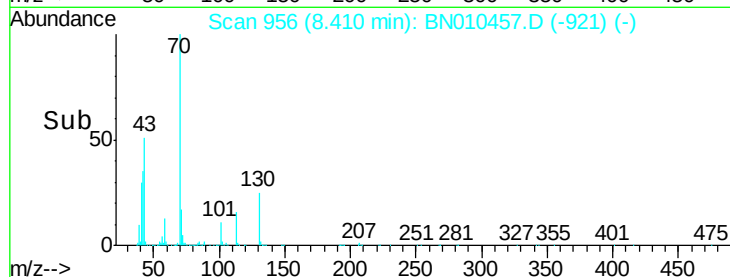


Abundance Ion 70.00 (69.70 to 70.70): BN010457.D (-921) (-)

Ion 42.00 (41.70 to 42.70): BN010457.D (-921) (-)

Ion 101.00 (100.70 to 101.70): BN010457.D (-921) (-)

Ion 130.00 (129.70 to 130.70): BN010457.D (-921) (-)



#33

4-Chloro-3-methylphenol

Concen: 52.948 ng/ul

RT: 11.66 min Scan# 1508

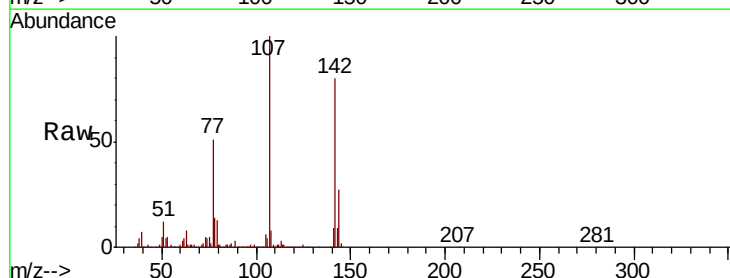
Delta R.T. -0.00 min

Lab File: BN010457.D

Acq: 10 Apr 2020 13:37

Tgt Ion:107 Resp: 1849878

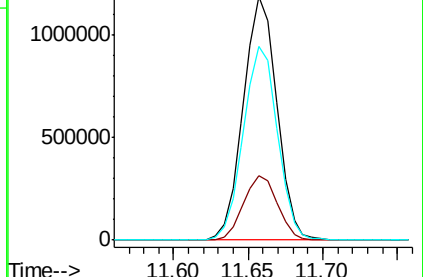
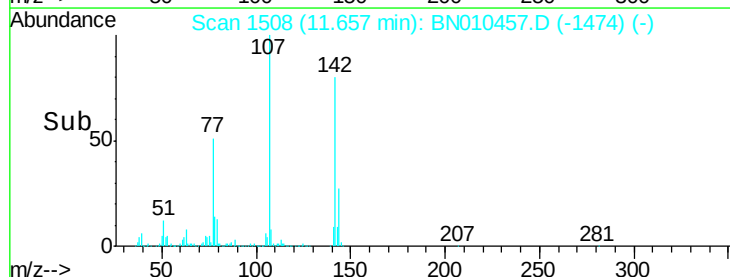
Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.7	31.1
142	79.6	64.5	96.7

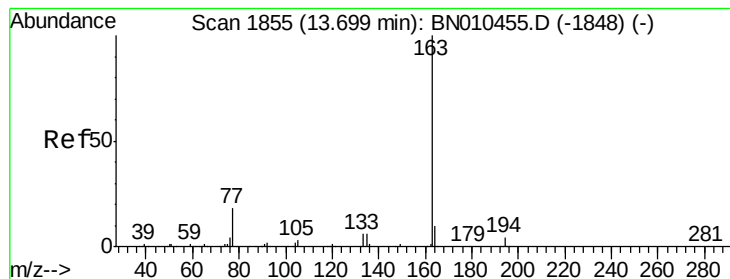


Abundance Ion 107.00 (106.70 to 107.70): BN010457.D (-1474) (-)

Ion 144.00 (143.70 to 144.70): BN010457.D (-1474) (-)

Ion 142.00 (141.70 to 142.70): BN010457.D (-1474) (-)





#45

Dimethylphthalate

Concen: 11.202 ng/ul

RT: 13.70 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BN010457.D

Acq: 10 Apr 2020 13:37

Instrument :

BNA_N

ClientSampleId :

DBFA3MS

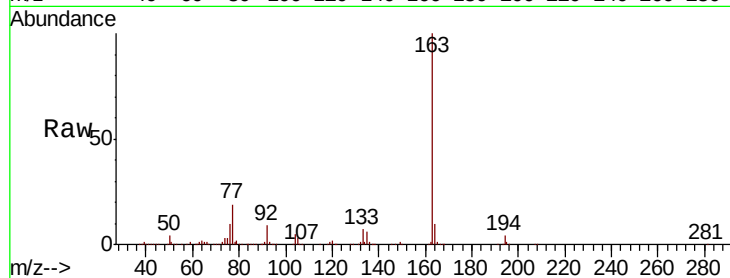
Tot Ion:163 Resp: 1086553

Ion Ratio Lower Upper

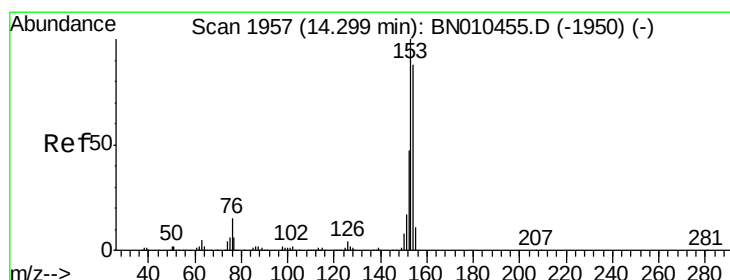
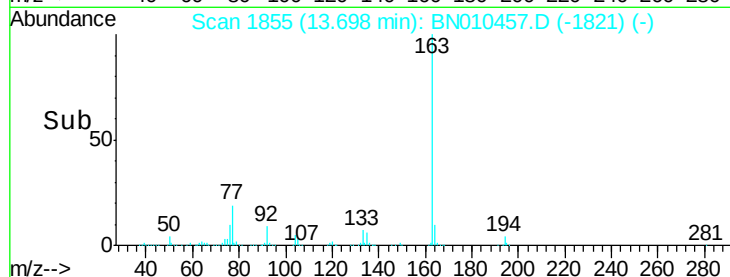
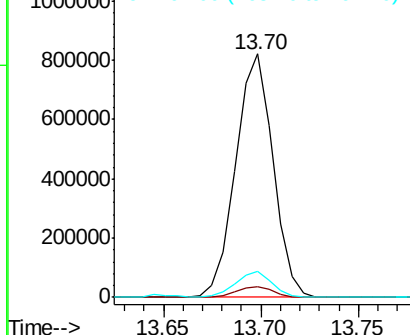
163 100

194 4.2 3.3 4.9

164 10.5 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: 51.596 ng/ul

RT: 14.30 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BN010457.D

Acq: 10 Apr 2020 13:37

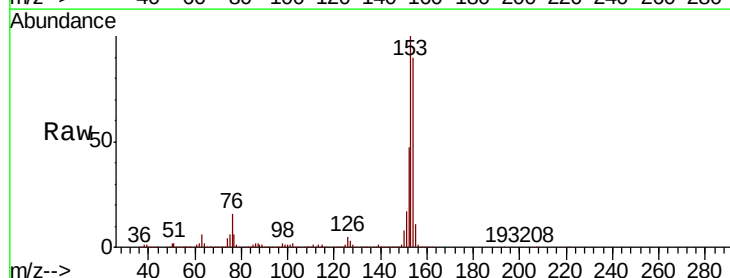
Tgt Ion:153 Resp: 4276570

Ion Ratio Lower Upper

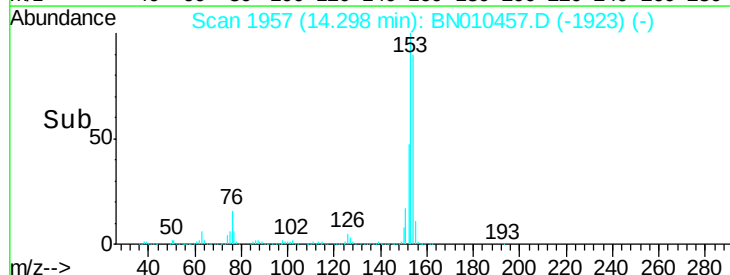
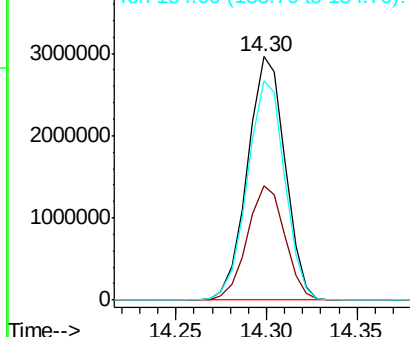
153 100

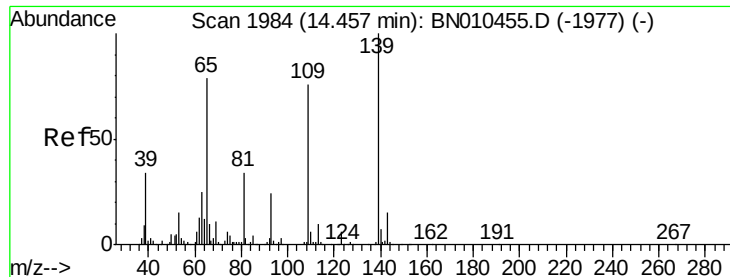
152 47.1 36.8 55.2

154 90.0 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: 52.917 ng/ul

RT: 14.46 min Scan# 1985

Delta R.T. 0.01 min

Lab File: BN010457.D

Acq: 10 Apr 2020 13:37

Instrument :

BNA_N

ClientSampleId :

DBFA3MS

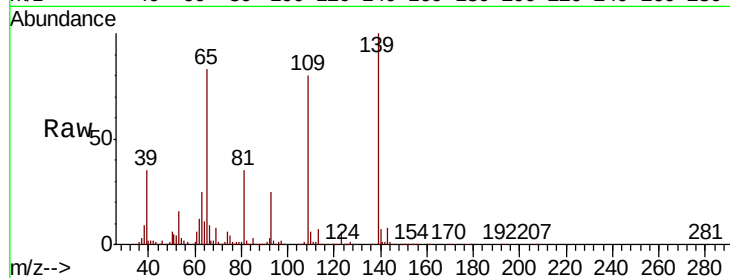
Tot Ion:109 Resp: 779209

Ion Ratio Lower Upper

109 100

139 125.6 101.5 152.3

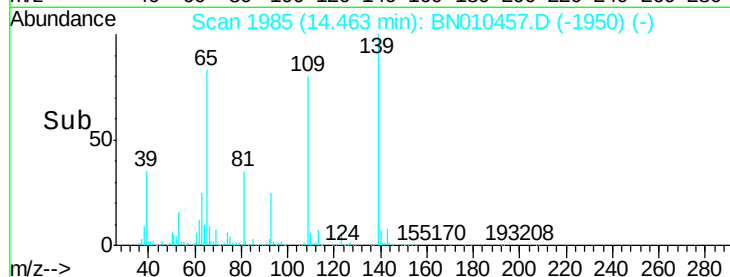
65 104.0 87.9 131.9



Abundance Ion 109.00 (108.70 to 109.70): E

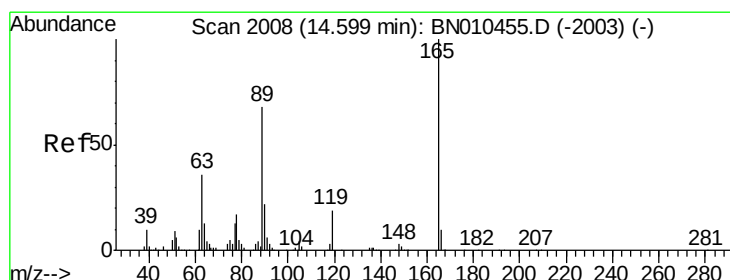
Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO



14.46

Time-->



#55

2,4-Dinitrotoluene

Concen: 53.822 ng/ul

RT: 14.60 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BN010457.D

Acq: 10 Apr 2020 13:37

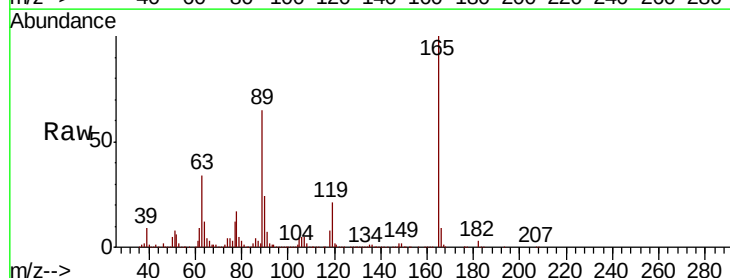
Tgt Ion:165 Resp: 1581544

Ion Ratio Lower Upper

165 100

63 34.4 26.6 39.8

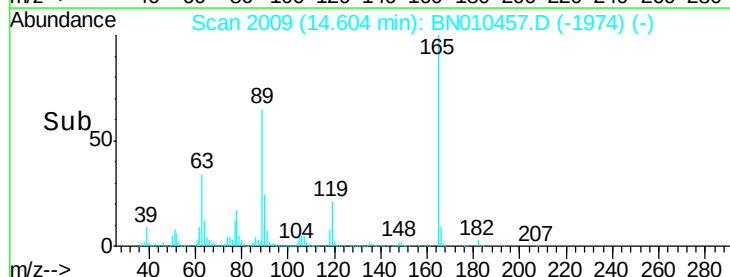
182 2.9 2.2 3.2



Abundance Ion 165.00 (164.70 to 165.70): E

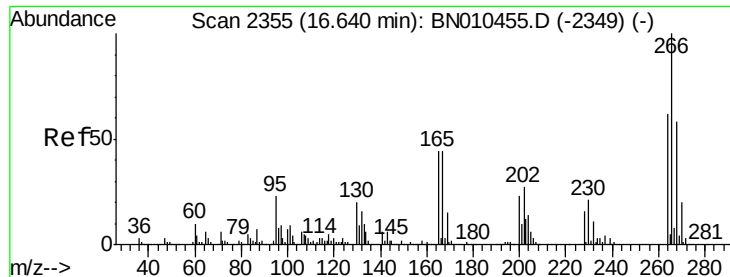
Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E



14.60

Time-->



#69

Pentachlorophenol

Concen: 51.513 ng/ul

RT: 16.64 min Scan# 2355

Delta R.T. -0.00 min

Lab File: BN010457.D

Acq: 10 Apr 2020 13:37

Instrument :

BNA_N

ClientSampleId :

DBFA3MS

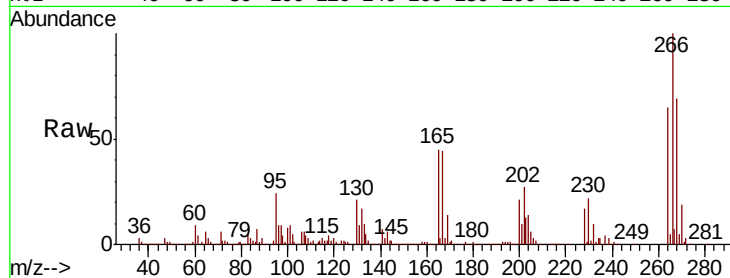
Tot Ion:266 Resp: 1151856

Ion Ratio Lower Upper

266 100

264 64.9 47.9 71.9

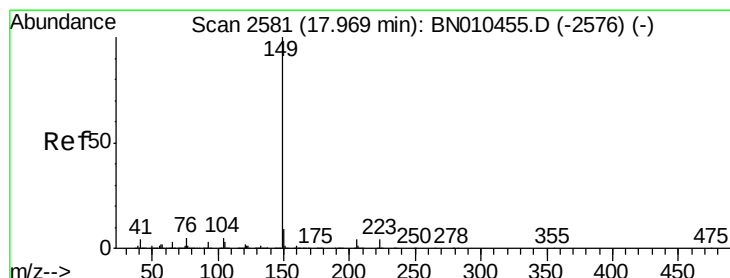
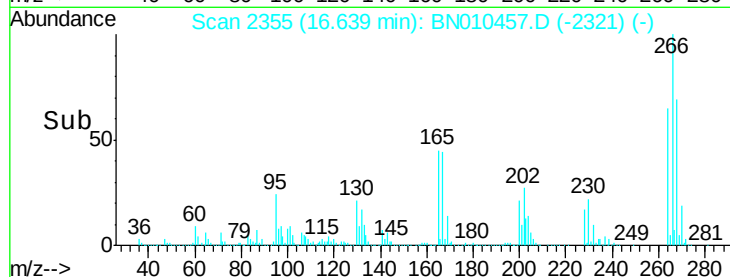
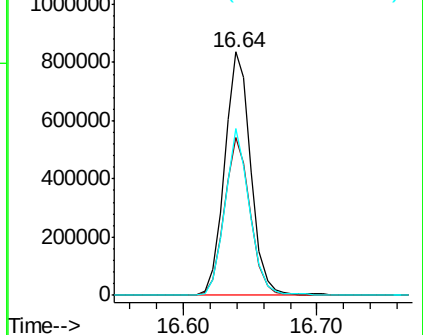
268 68.6 50.4 75.6



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: 1.198 ng/ul

RT: 17.97 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BN010457.D

Acq: 10 Apr 2020 13:37

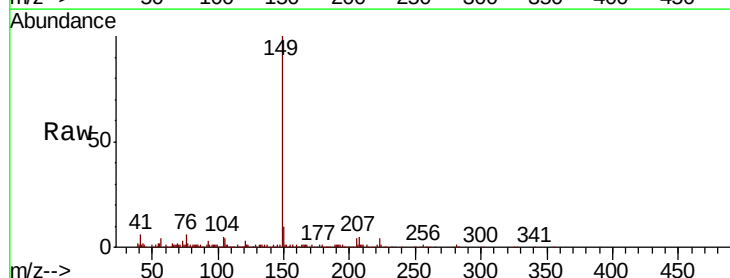
Tgt Ion:149 Resp: 196825

Ion Ratio Lower Upper

149 100

150 9.9 7.4 11.2

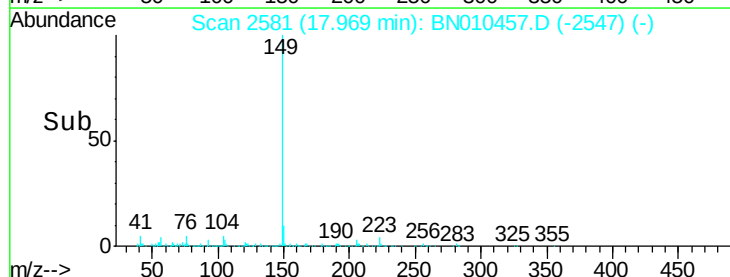
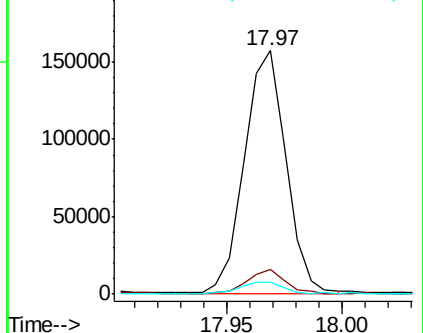
104 5.0 4.1 6.1

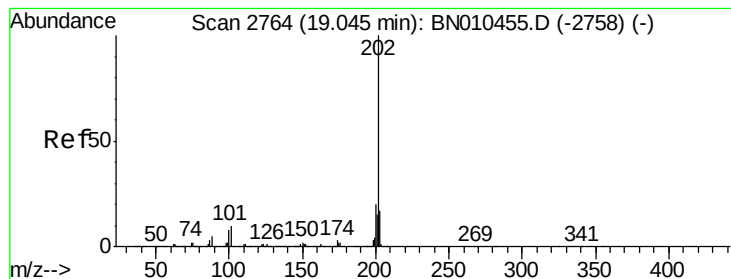


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Fluoranthene

Concen: 1.458 ng/ul

RT: 19.05 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BN010457.D

Acq: 10 Apr 2020 13:37

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BNA_N

ClientSampleId :

DBFA3MS

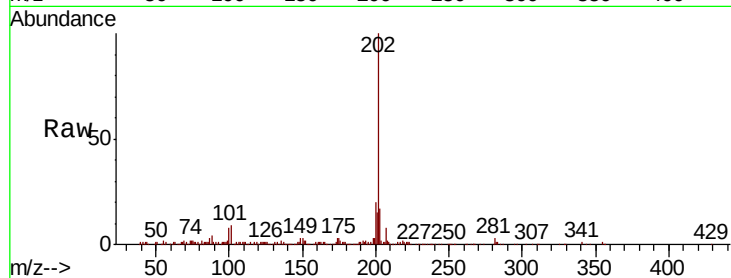
Tot Ion:202 Resp: 248064

Ion Ratio Lower Upper

202 100

101 9.2 7.1 10.7

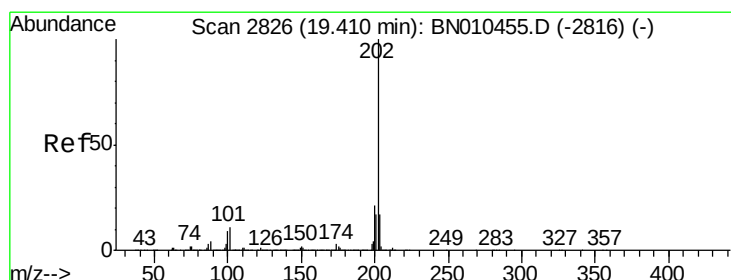
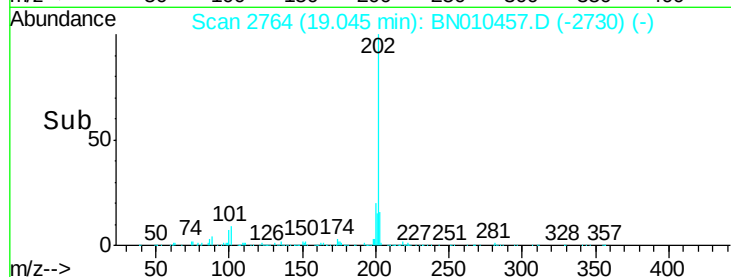
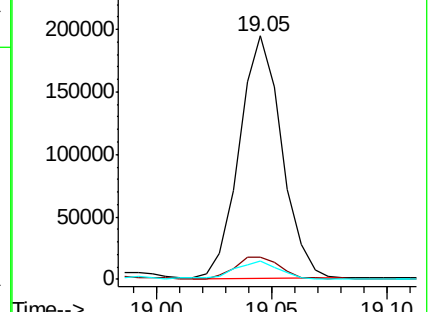
100 7.6 5.5 8.3



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



#80

Pyrene

Concen: 53.551 ng/ul

RT: 19.42 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BN010457.D

Acq: 10 Apr 2020 13:37

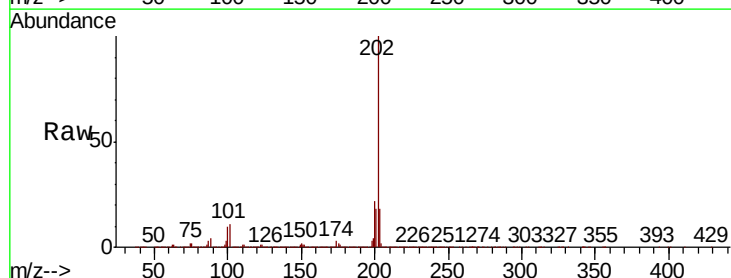
Tgt Ion:202 Resp:10236919

Ion Ratio Lower Upper

202 100

101 11.4 8.6 13.0

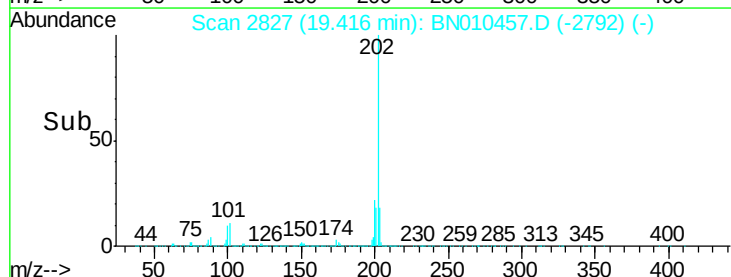
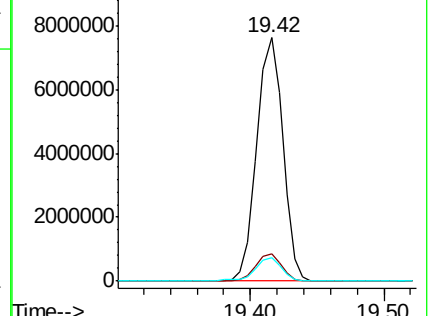
100 9.7 7.0 10.6

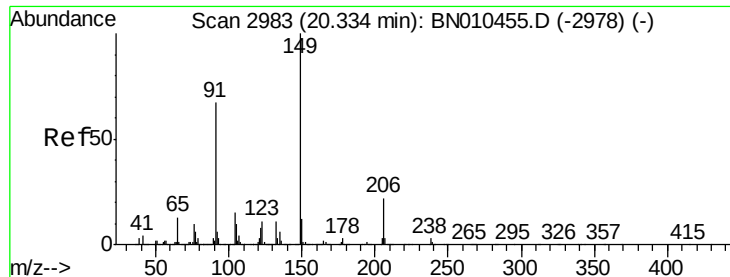


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

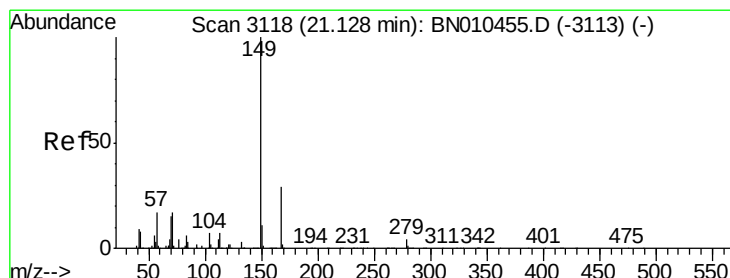
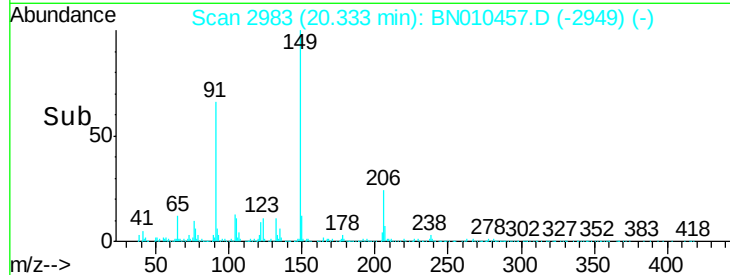
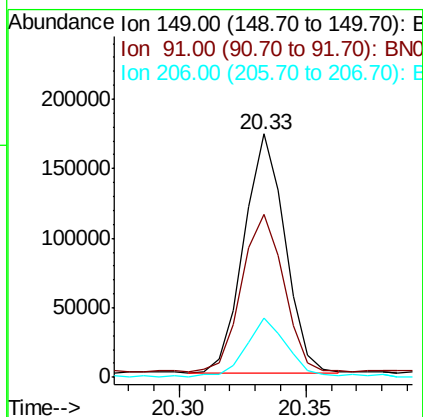
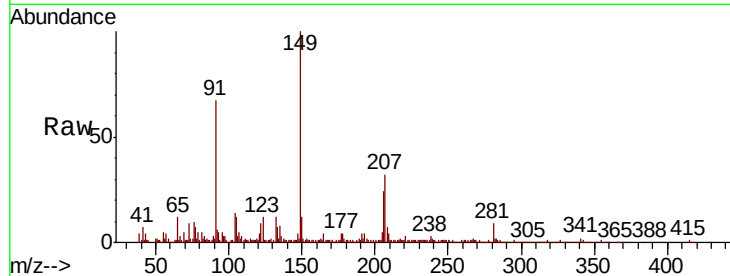




#81
 Butylbenzylphthalate
 Concen: 2.372 ng/ul
 RT: 20.33 min Scan# 2983
 Delta R.T. -0.00 min
 Lab File: BN010457.D
 Acq: 10 Apr 2020 13:37

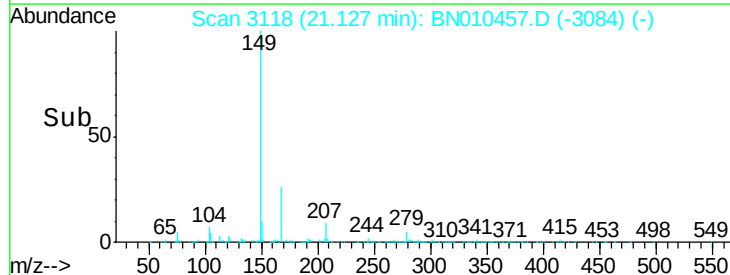
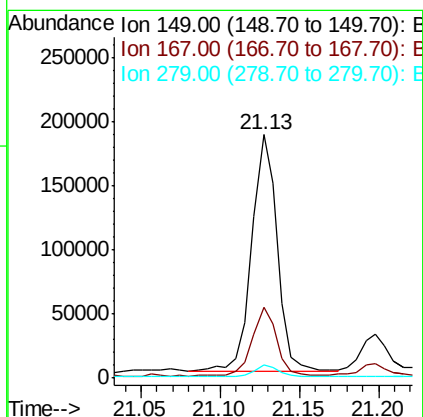
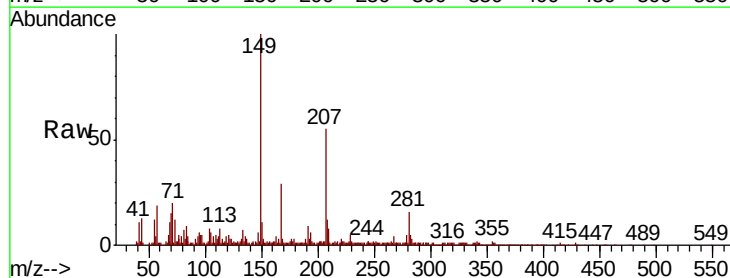
Instrument :
 BNA_N
 ClientSampleId :
 DBFA3MS

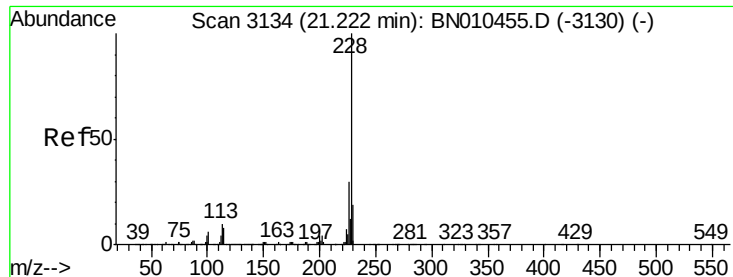
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.9	51.5	77.3
206	24.4	18.2	27.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.721 ng/ul
 RT: 21.13 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BN010457.D
 Acq: 10 Apr 2020 13:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.4	33.6
279	5.2	3.8	5.6





#85

Chrysene

Concen: 1.018 ng/ul

RT: 21.22 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BN010457.D

Acq: 10 Apr 2020 13:37

Instrument :

BNA_N

ClientSampleId :

DBFA3MS

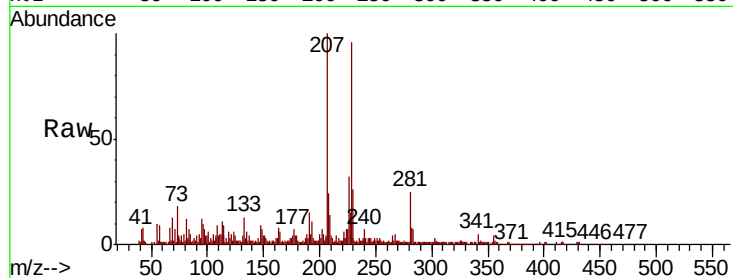
Tot Ion:228 Resp: 175764

Ion Ratio Lower Upper

228 100

226 33.7 23.0 34.6

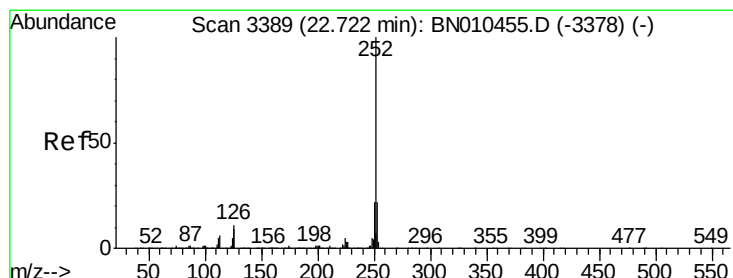
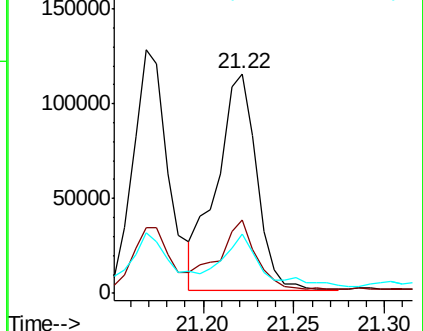
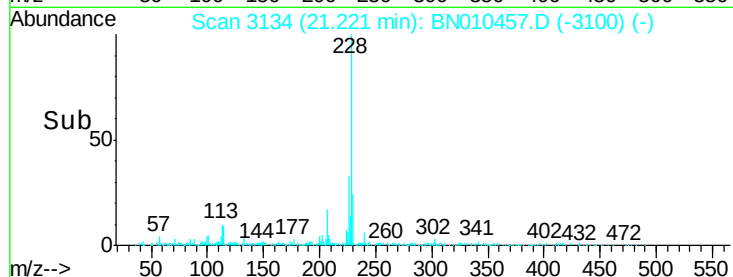
229 27.3 15.0 22.4#



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: 1.628 ng/ul

RT: 22.72 min Scan# 3389

Delta R.T. -0.00 min

Lab File: BN010457.D

Acq: 10 Apr 2020 13:37

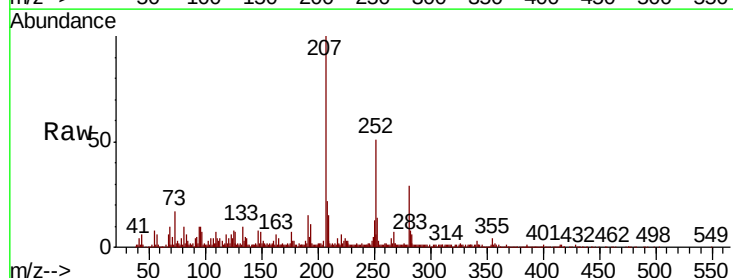
Tgt Ion:252 Resp: 249856

Ion Ratio Lower Upper

252 100

253 27.3 16.7 25.1#

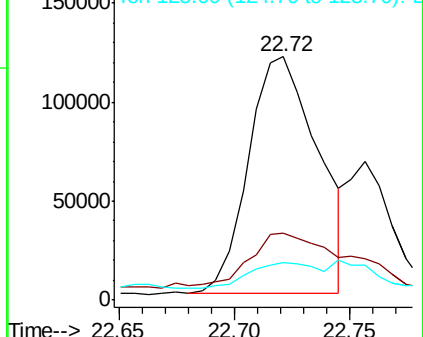
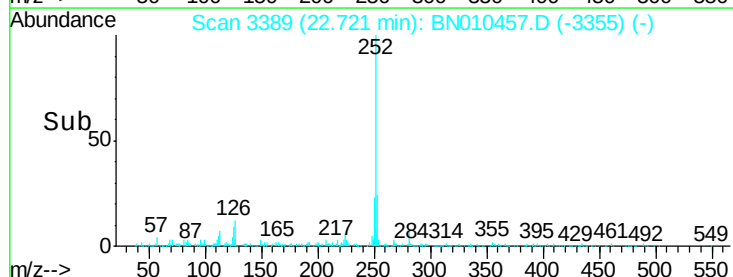
125 15.2 7.2 10.8#

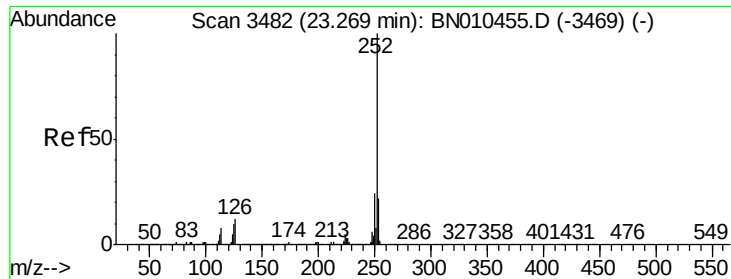


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.128 ng/ul

RT: 23.27 min Scan# 3482

Delta R.T. -0.00 min

Lab File: BN010457.D

Acq: 10 Apr 2020 13:37

Instrument :

BNA_N

ClientSampleId :

DBFA3MS

Tot Ion: 252 Resp: 153812

Ion Ratio Lower Upper

252 100

253 24.4 17.8 26.8

125 15.0 7.8 11.6#

