

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
 Data File : BN012624.D
 Acq On : 19 Nov 2020 09:57
 Operator : CG/JU
 Sample : L4753-05MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBGG6MS

Quant Time: Nov 19 11:02:19 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	154708	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	627285	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	401866	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	847603	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	906043	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1000314	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	22816	5.26	ng/uL	0.00
5) Phenol-d5	6.63	99	84361	5.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	266609	32.16	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	280077	25.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	168615	14.66	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	172283	33.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	200396	35.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	316929	29.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	27593	2.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1280502	39.01	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1441493	36.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	34701	5.65	ng/ul	0.00
58) Fluorene-d10	15.10	176	1057255	36.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	220677	38.16	ng/ul	0.00
71) Anthracene-d10	16.95	188	1769556	41.10	ng/ul	0.00
79) Pyrene-d10	19.26	212	2080133	43.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	2321236	42.46	ng/ul	0.00

Target Compounds

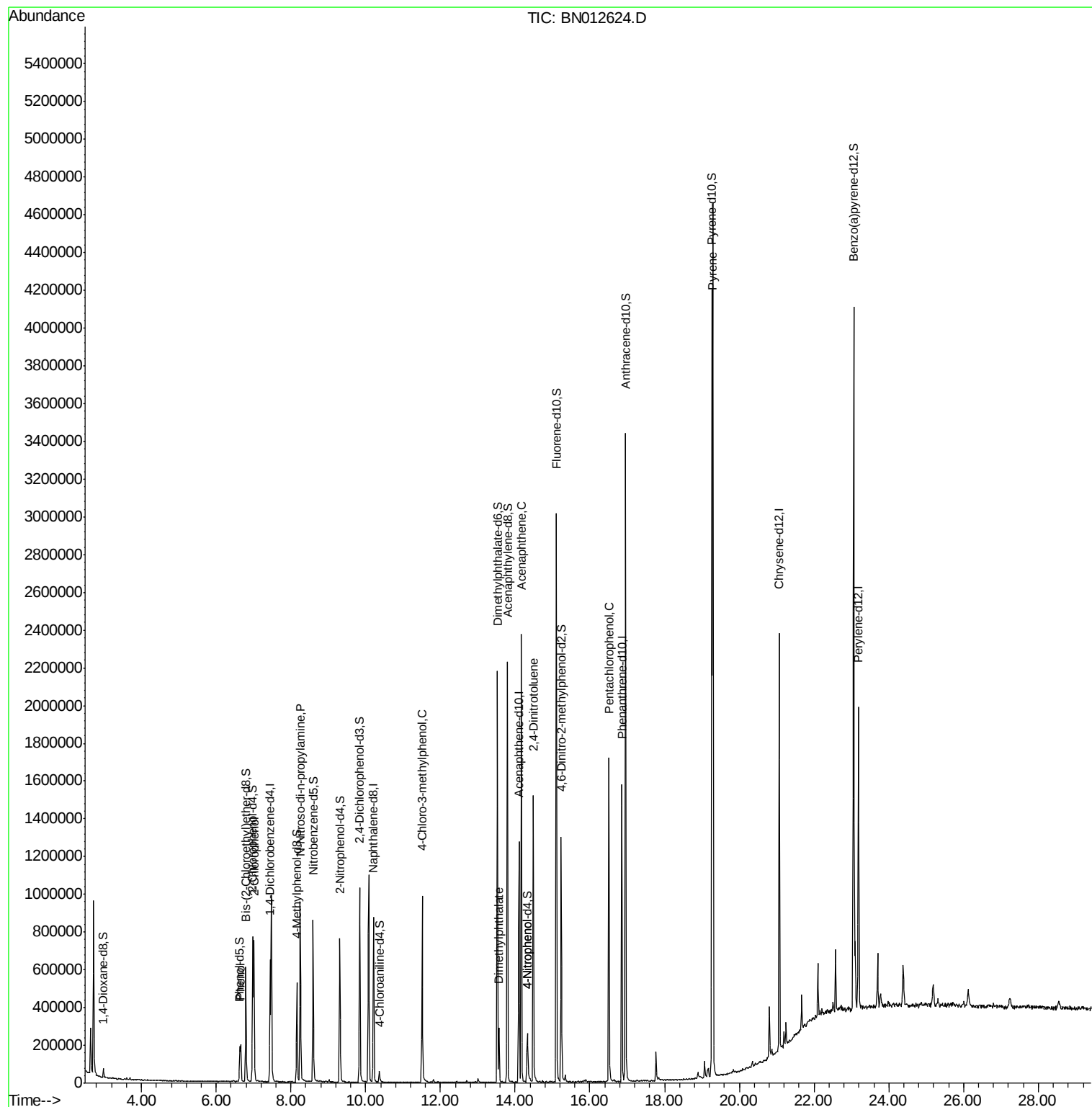
					Ovalue
6) Phenol	6.66	94	89220	6.198	ng/ul 96
10) 2-Chlorophenol	7.01	128	259314	23.238	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.25	70	301037	33.649	ng/ul 97
33) 4-Chloro-3-methylphenol	11.51	107	323520	26.663	ng/ul 95
45) Dimethylphthalate	13.57	163	154350	4.669	ng/ul 100
50) Acenaphthene	14.17	153	887512	30.974	ng/ul 99
53) 4-Nitrophenol	14.33	109	36453	6.491	ng/ul 90
55) 2,4-Dinitrotoluene	14.49	165	344463	35.457	ng/ul 92
69) Pentachlorophenol	16.51	266	257809	38.516	ng/ul 89
80) Pyrene	19.29	202	2335282	36.201	ng/ul 100

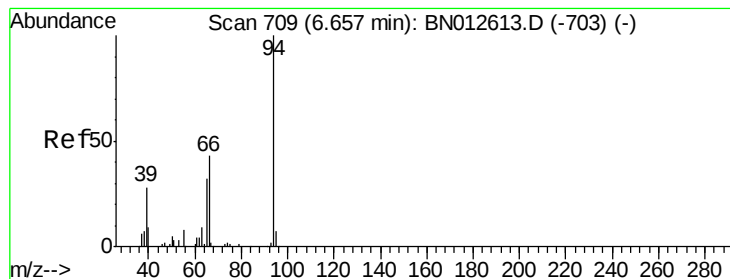
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 6.198 ng/ul

RT: 6.66 min Scan# 709

Delta R.T. -0.01 min

Lab File: BN012624.D

Acq: 19 Nov 2020 09:57

Instrument :

BNA_N

ClientSampleId :

DBG6MS

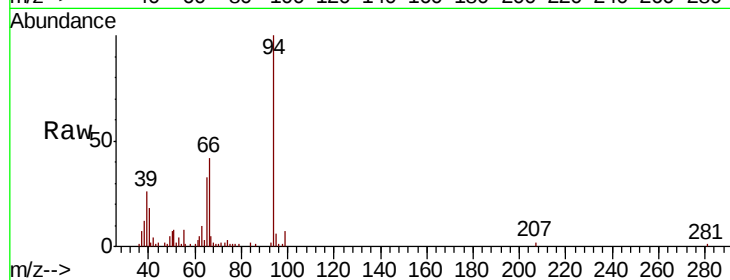
Tot Ion: 94 Resp: 89220

Ion Ratio Lower Upper

94 100

65 33.5 26.1 39.1

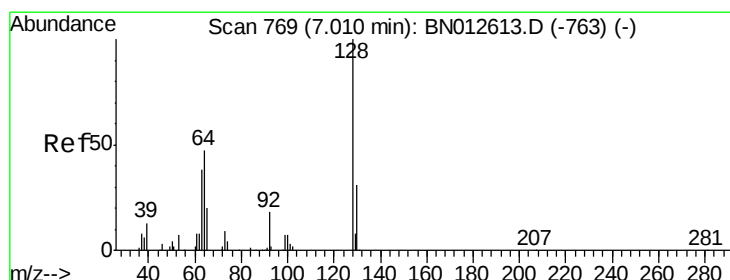
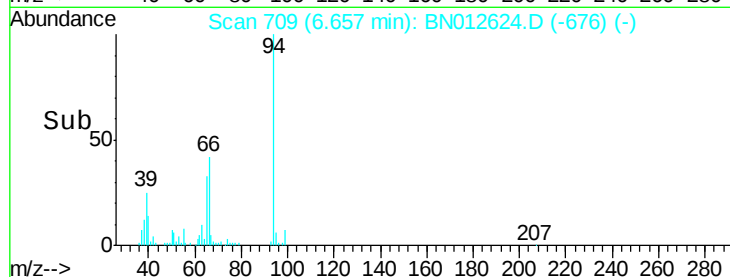
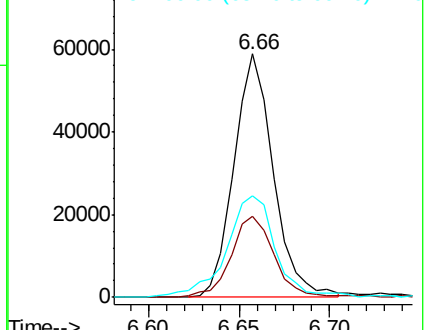
66 41.9 36.1 54.1



Abundance Ion 94.00 (93.70 to 94.70): BN012613.D (-703) (-)

Ion 65.00 (64.70 to 65.70): BN012613.D (-703) (-)

Ion 66.00 (65.70 to 66.70): BN012613.D (-703) (-)



#10

2-Chlorophenol

Concen: 23.238 ng/ul

RT: 7.01 min Scan# 769

Delta R.T. -0.01 min

Lab File: BN012624.D

Acq: 19 Nov 2020 09:57

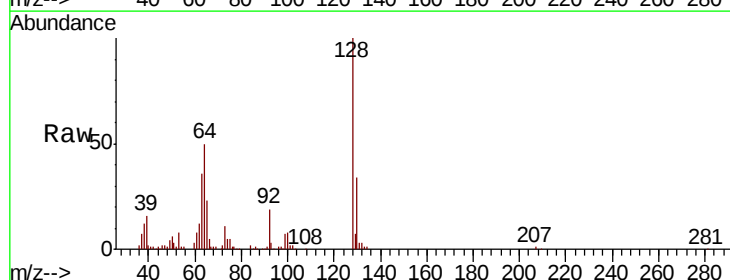
Tgt Ion: 128 Resp: 259314

Ion Ratio Lower Upper

128 100

64 49.6 40.0 60.0

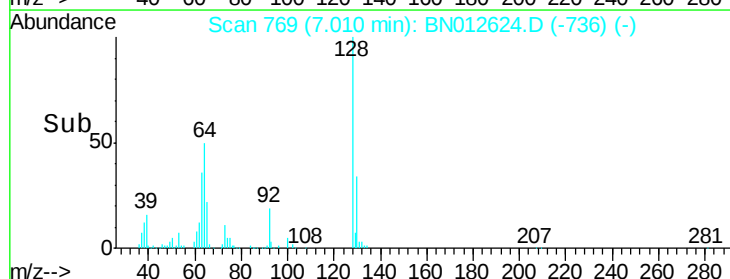
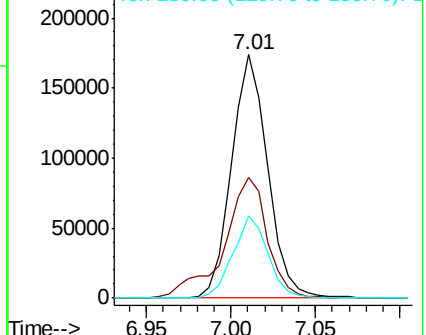
130 33.7 26.2 39.2

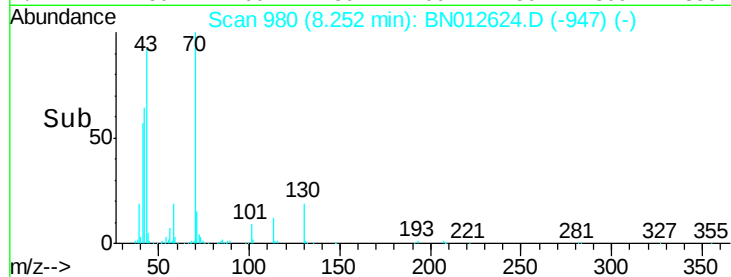
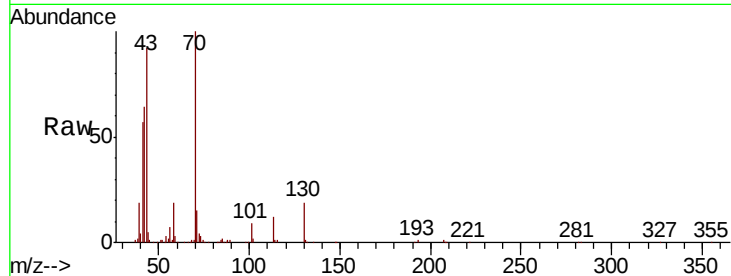
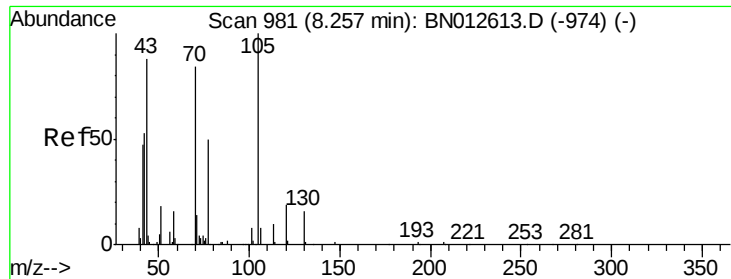


Abundance Ion 128.00 (127.70 to 128.70): BN012613.D (-763) (-)

Ion 64.00 (63.70 to 64.70): BN012613.D (-763) (-)

Ion 130.00 (129.70 to 130.70): BN012613.D (-763) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 33.649 ng/ul

RT: 8.25 min Scan# 980

Delta R.T. -0.01 min

Lab File: BN012624.D

Acq: 19 Nov 2020 09:57

Instrument :

BNA_N

ClientSampleId :

DBGG6MS

Tot Ion: 70 Resp: 301037

Ion Ratio Lower Upper

70 100

42 64.0 50.0 75.0

101 9.0 7.5 11.3

130 19.1 17.6 26.4

Abundance Ion 70.00 (69.70 to 70.70): BN012613.D (-974) (-)

Ion 42.00 (41.70 to 42.70): BN012613.D (-974) (-)

Ion 101.00 (100.70 to 101.70): BN012613.D (-974) (-)

Ion 130.00 (129.70 to 130.70): BN012613.D (-974) (-)

Time-->

8.20 8.25 8.30

300000

250000

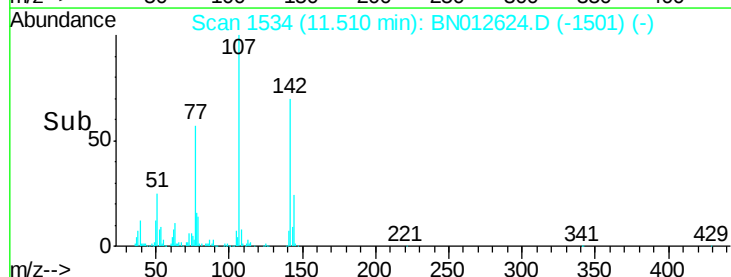
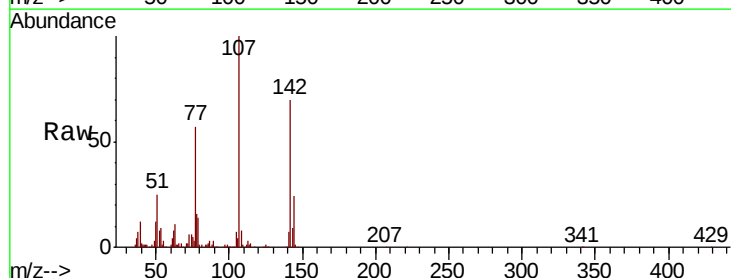
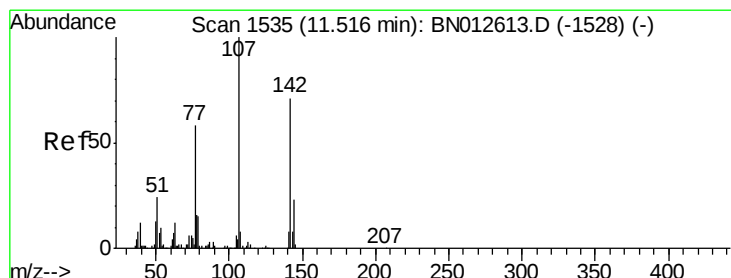
200000

150000

100000

50000

0



#33

4-Chloro-3-methylphenol

Concen: 26.663 ng/ul

RT: 11.51 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BN012624.D

Acq: 19 Nov 2020 09:57

Tgt Ion: 107 Resp: 323520

Ion Ratio Lower Upper

107 100

144 24.1 20.0 30.0

142 69.8 60.2 90.4

Abundance Ion 107.00 (106.70 to 107.70): BN012613.D (-1528) (-)

Ion 144.00 (143.70 to 144.70): BN012613.D (-1528) (-)

Ion 142.00 (141.70 to 142.70): BN012613.D (-1528) (-)

Time-->

11.50 11.51 11.52

250000

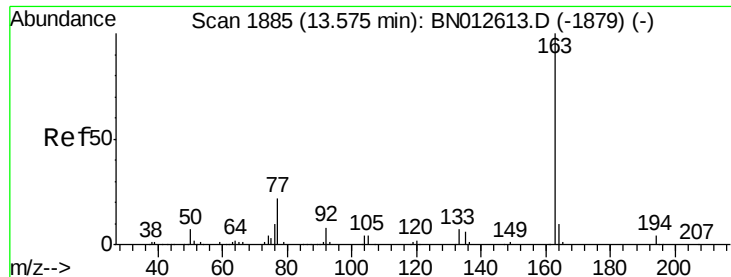
200000

150000

100000

50000

0



#45

Dimethylphthalate

Concen: 4.669 ng/ul

RT: 13.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BN012624.D

Acq: 19 Nov 2020 09:57

Instrument :

BNA_N

ClientSampleId :

DBGG6MS

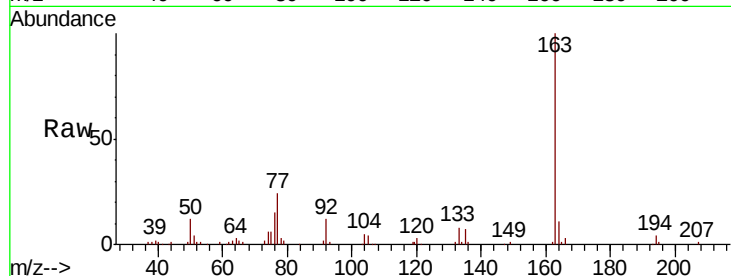
Tot Ion:163 Resp: 154350

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

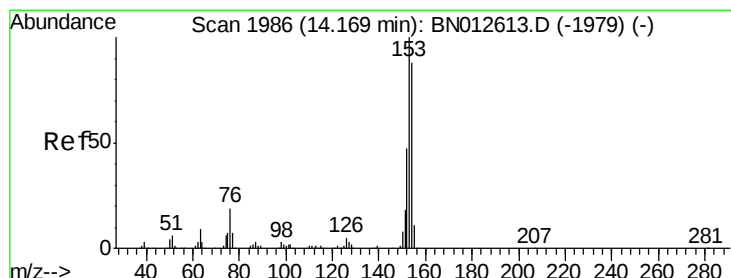
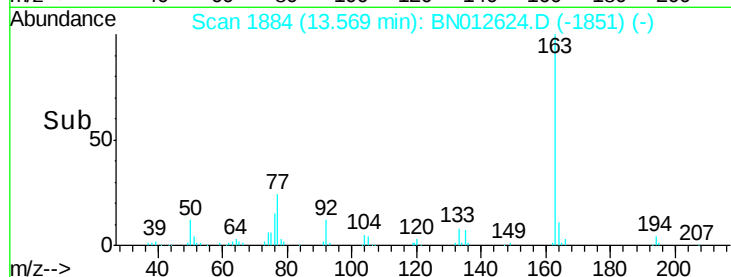
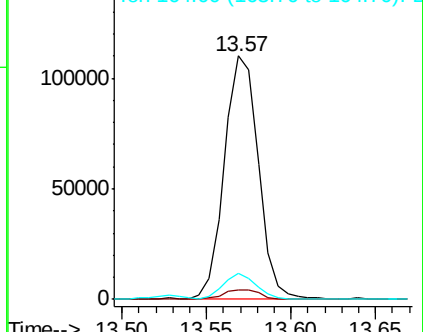
164 10.7 8.6 13.0



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: 30.974 ng/ul

RT: 14.17 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BN012624.D

Acq: 19 Nov 2020 09:57

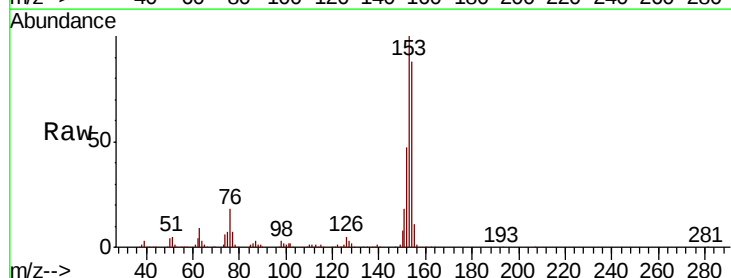
Tgt Ion:153 Resp: 887512

Ion Ratio Lower Upper

153 100

152 46.9 37.1 55.7

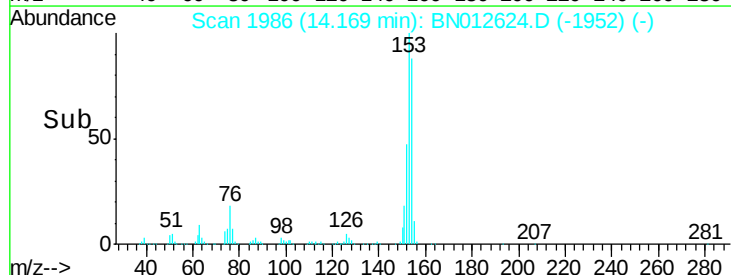
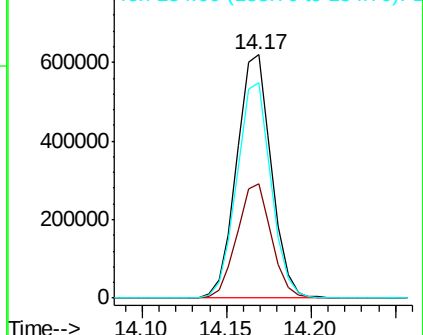
154 88.4 69.7 104.5

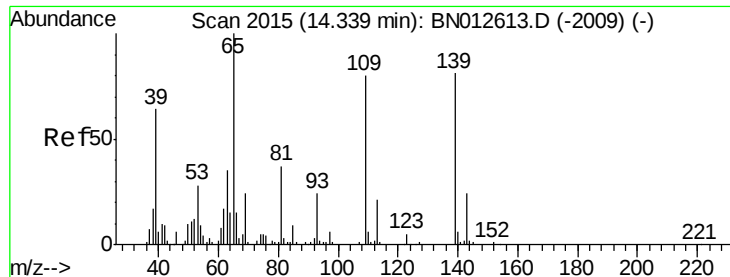


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

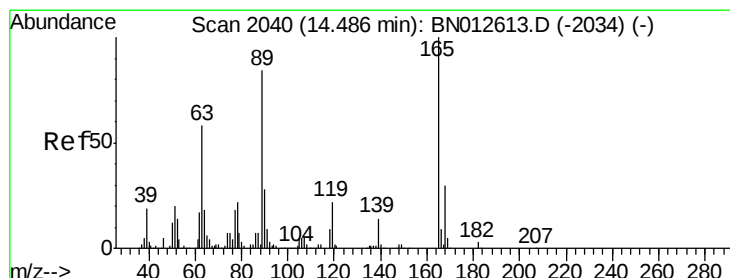
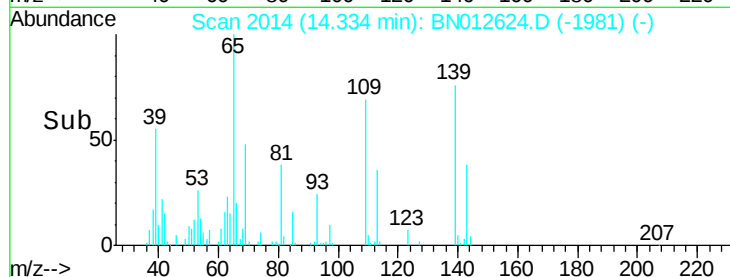
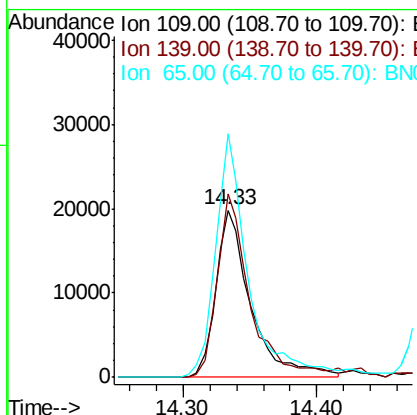
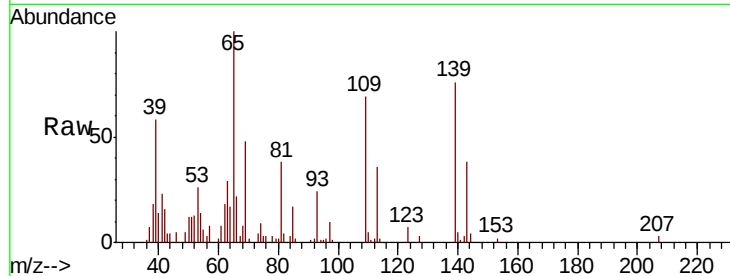




#53
4-Nitrophenol
Concen: 6.491 ng/ul
RT: 14.33 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BN012624.D
Acq: 19 Nov 2020 09:57

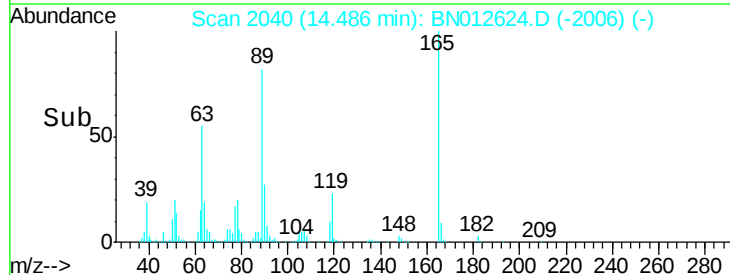
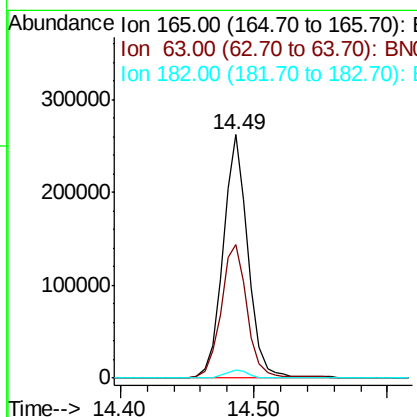
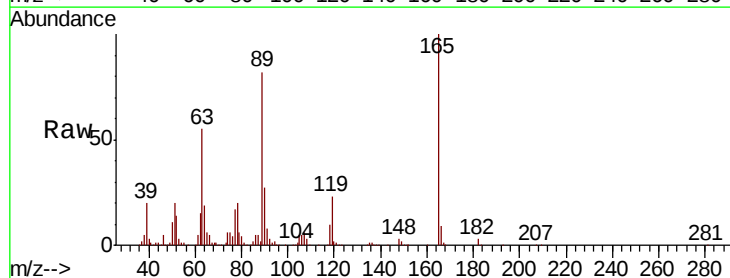
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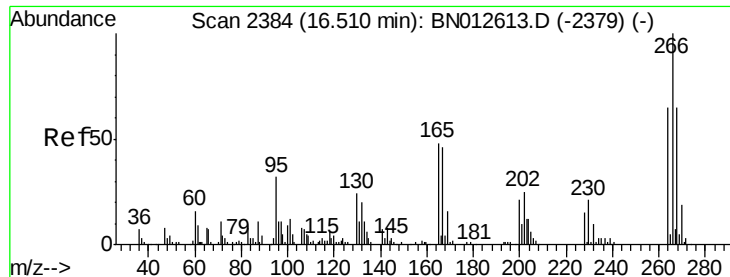
Tot Ion	Ratio	Lower	Upper
109	100		
139	110.2	93.4	140.0
65	145.8	103.7	155.5



#55
2,4-Dinitrotoluene
Concen: 35.457 ng/ul
RT: 14.49 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BN012624.D
Acq: 19 Nov 2020 09:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.0	39.4	59.0
182	3.2	2.8	4.2





#69

Pentachlorophenol

Concen: 38.516 ng/ul

RT: 16.51 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BN012624.D

Acq: 19 Nov 2020 09:57

Instrument :

BNA_N

ClientSampleId :

DBG6MS

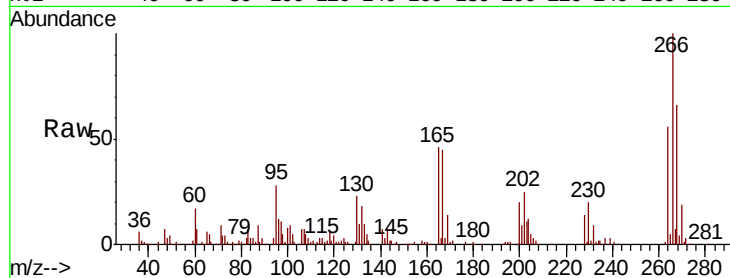
Tot Ion:266 Resp: 257809

Ion Ratio Lower Upper

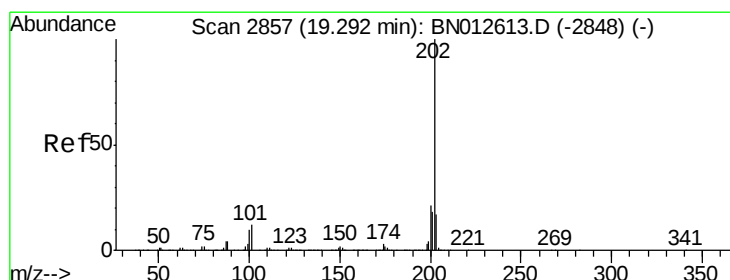
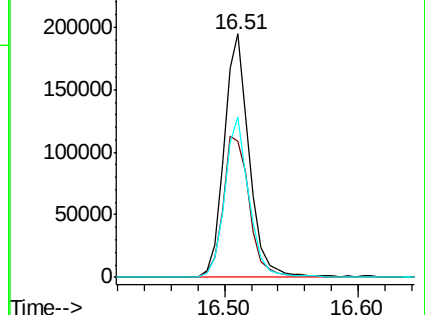
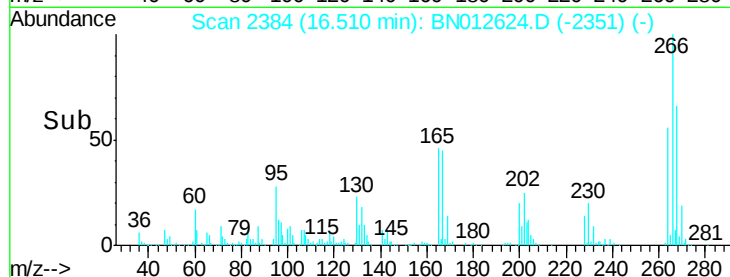
266 100

264 55.9 55.0 82.6

268 65.7 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



#80

Pyrene

Concen: 36.201 ng/ul

RT: 19.29 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BN012624.D

Acq: 19 Nov 2020 09:57

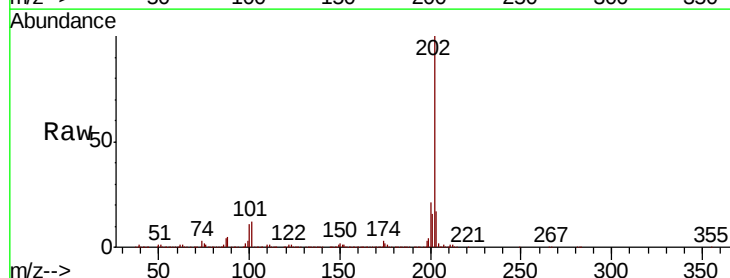
Tgt Ion:202 Resp: 2335282

Ion Ratio Lower Upper

202 100

101 12.3 10.1 15.1

100 10.6 8.5 12.7



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

