

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
 Data File : BN005369.D
 Acq On : 30 Apr 2019 13:52
 Operator : JU/SJ
 Sample : K2470-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 01 00:43:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	311868	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1294631	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	842950	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.98	188	2045239	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	2088361	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	2316592	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	39863	6.17	ng/uL	0.00
5) Phenol-d5	6.78	99	770088	31.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	440580	28.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	617456	32.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	626958	32.74	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	317699	39.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	374359	46.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	641929	34.67	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.49	131	695716	36.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2292918	37.47	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2649027	35.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	408447	42.27	ng/ul	0.00
57) Fluorene-d10	15.23	176	1865781	36.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	408909	44.45	ng/ul	0.00
70) Anthracene-d10	17.08	188	3067342	35.78	ng/ul	0.00
78) Pyrene-d10	19.40	212	3554827	33.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	3667658	36.23	ng/ul	0.00

Target Compounds

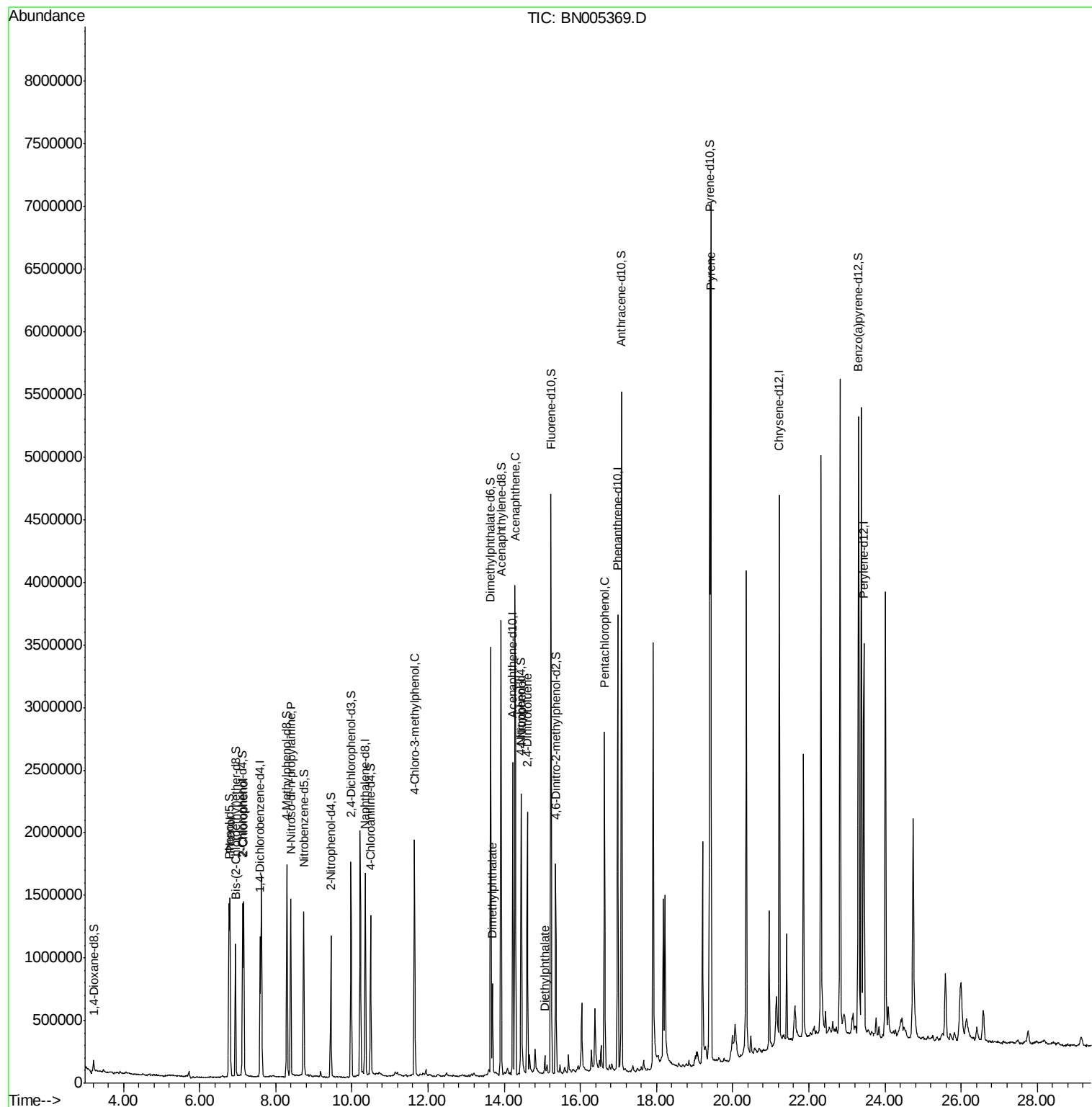
					Ovalue
6) Phenol	6.80	94	738358	29.306	ng/ul 97
10) 2-Chlorophenol	7.16	128	585202	30.197	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.39	70	508959	31.050	ng/ul 87
33) 4-Chloro-3-methylphenol	11.65	107	704278	34.226	ng/ul 91
44) Dimethylphthalate	13.69	163	445481	7.306	ng/ul 97
49) Acenaphthene	14.29	153	1636174	32.449	ng/ul 99
52) 4-Nitrophenol	14.46	109	302899	34.538	ng/ul 89
54) 2,4-Dinitrotoluene	14.60	165	633601	41.747	ng/ul 88
56) Diethylphthalate	15.07	149	69744	1.141	ng/ul 97
68) Pentachlorophenol	16.63	266	491120	38.229	ng/ul 98
79) Pyrene	19.43	202	4166887	30.989	ng/ul 96

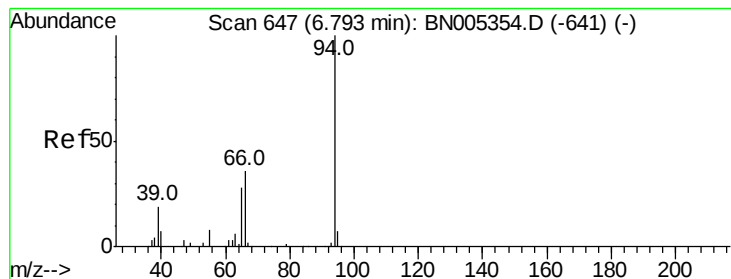
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration





#6

Phenol

Concen: 29.306 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BN005369.D

Acq: 30 Apr 2019 13:52

Instrument :

BNA_N

ClientSampleId :

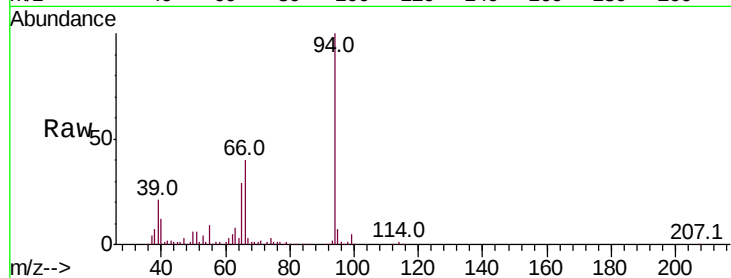
Tot Ion: 94 Resp: 738358

Ion Ratio Lower Upper

94 100

65 28.8 24.2 36.4

66 40.1 33.8 50.6



Abundance Ion 94.00 (93.70 to 94.70): BN005354.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BN005354.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BN005354.D (-641) (-)

6.80

500000

400000

300000

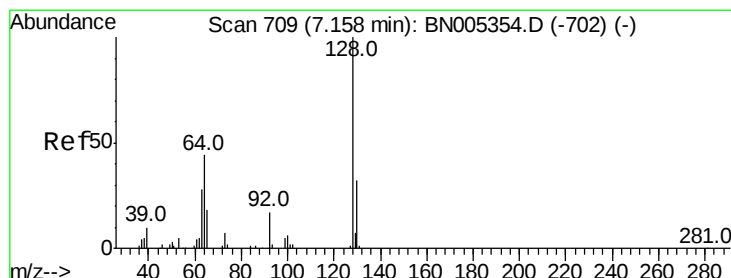
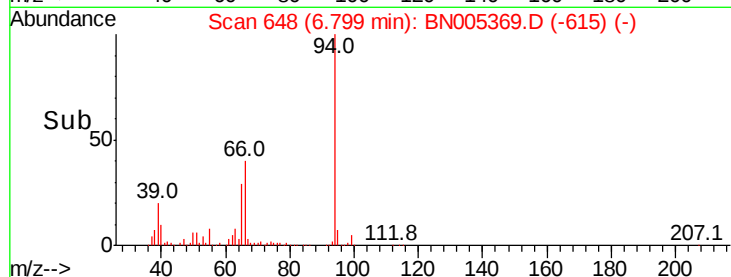
200000

100000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#10

2-Chlorophenol

Concen: 30.197 ng/ul

RT: 7.16 min Scan# 709

Delta R.T. -0.01 min

Lab File: BN005369.D

Acq: 30 Apr 2019 13:52

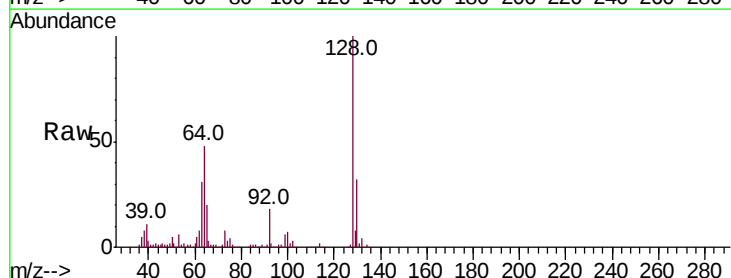
Tgt Ion:128 Resp: 585202

Ion Ratio Lower Upper

128 100

64 47.6 42.3 63.5

130 32.2 26.5 39.7



Abundance Ion 128.00 (127.70 to 128.70): BN005354.D (-702) (-)

Ion 64.00 (63.70 to 64.70): BN005354.D (-702) (-)

Ion 130.00 (129.70 to 130.70): BN005354.D (-702) (-)

7.16

500000

400000

300000

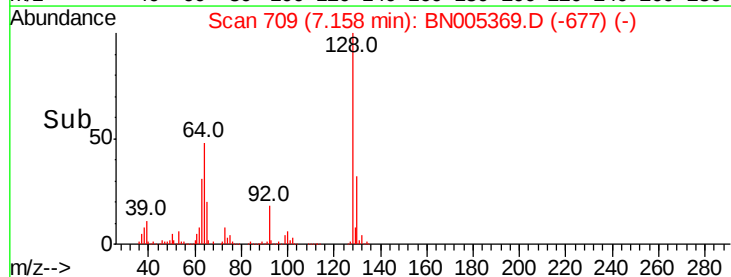
200000

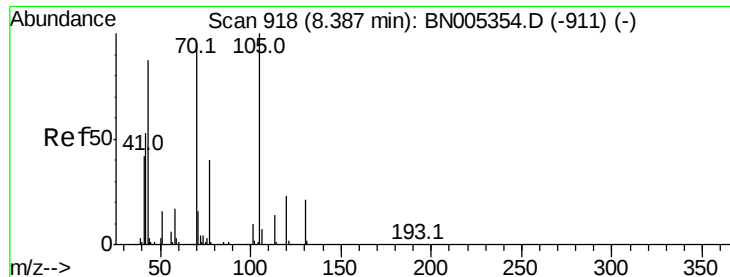
100000

0

7.10 7.15 7.20 7.25

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 31.050 ng/ul

RT: 8.39 min Scan# 919

Delta R.T. -0.01 min

Lab File: BN005369.D

Acq: 30 Apr 2019 13:52

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 508959

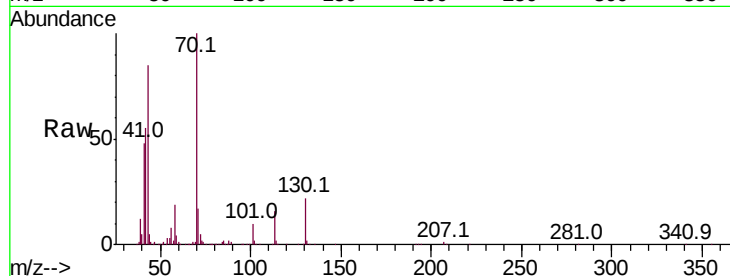
Ion Ratio Lower Upper

70 100

42 54.7 53.8 80.8

101 10.5 7.7 11.5

130 21.7 15.0 22.4

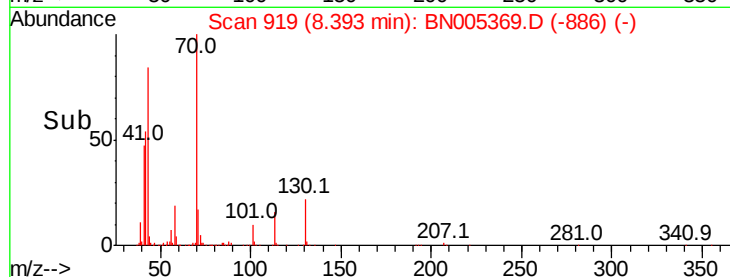
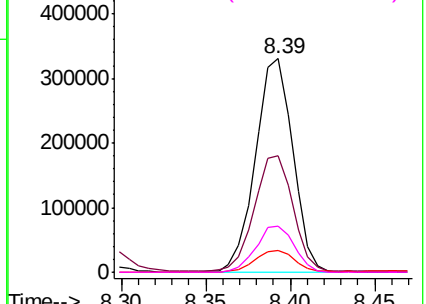


Abundance Ion 70.00 (69.70 to 70.70): BN005354.D (-911) (-)

Ion 42.00 (41.70 to 42.70): BN005354.D (-911) (-)

Ion 101.00 (100.70 to 101.70): BN005354.D (-911) (-)

Ion 130.00 (129.70 to 130.70): BN005354.D (-911) (-)



#33

4-Chloro-3-methylphenol

Concen: 34.226 ng/ul

RT: 11.65 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN005369.D

Acq: 30 Apr 2019 13:52

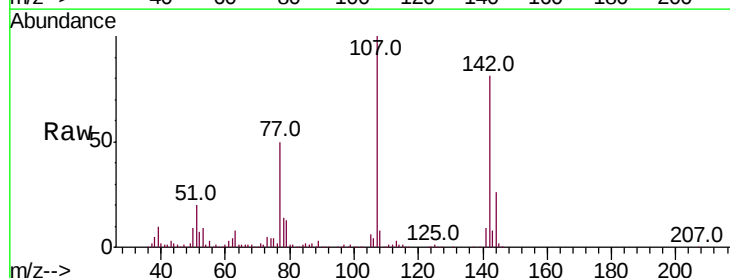
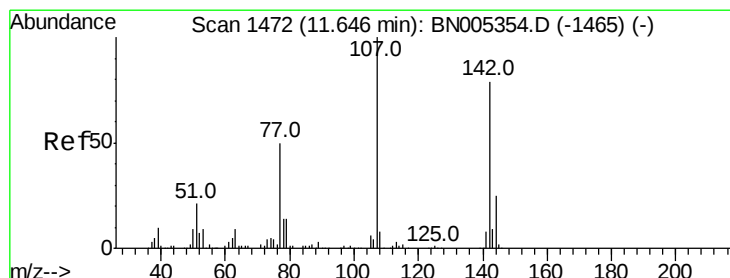
Tgt Ion:107 Resp: 704278

Ion Ratio Lower Upper

107 100

144 26.0 19.4 29.0

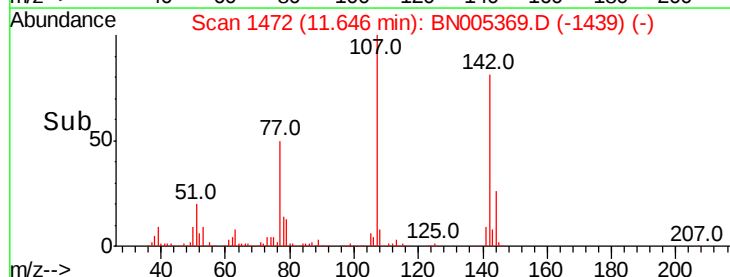
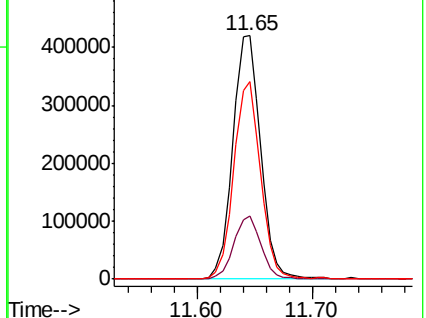
142 81.1 57.7 86.5

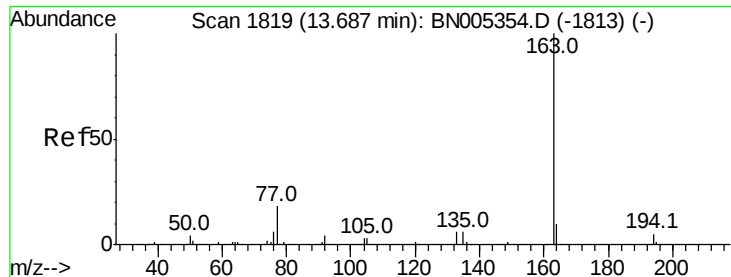


Abundance Ion 107.00 (106.70 to 107.70): BN005354.D (-1465) (-)

Ion 144.00 (143.70 to 144.70): BN005354.D (-1465) (-)

Ion 142.00 (141.70 to 142.70): BN005354.D (-1465) (-)





#44

Dimethylphthalate

Concen: 7.306 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BN005369.D

Acq: 30 Apr 2019 13:52

Instrument :

BNA_N

ClientSampleId :

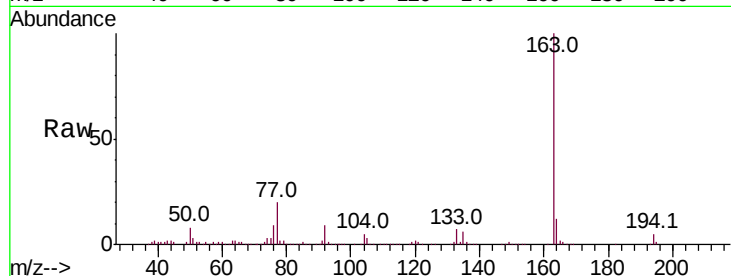
Tot Ion:163 Resp: 445481

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

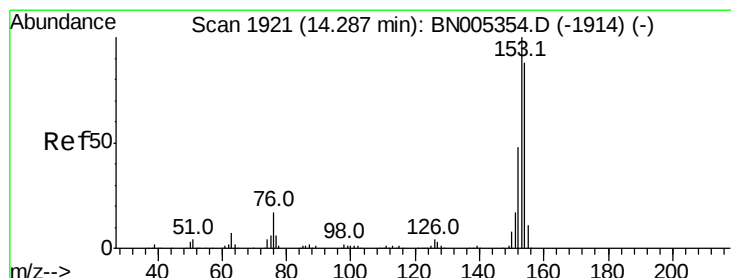
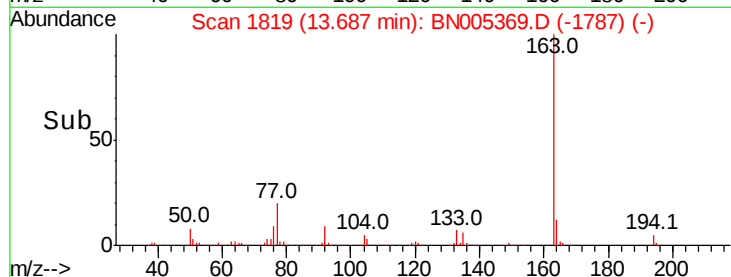
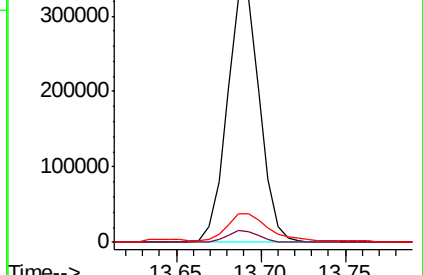
164 11.6 8.1 12.1



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



#49

Acenaphthene

Concen: 32.449 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BN005369.D

Acq: 30 Apr 2019 13:52

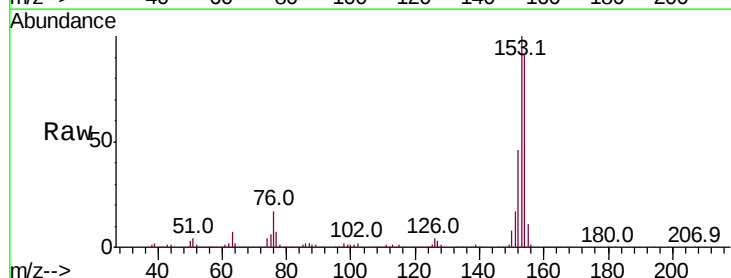
Tgt Ion:153 Resp: 1636174

Ion Ratio Lower Upper

153 100

152 45.9 37.4 56.0

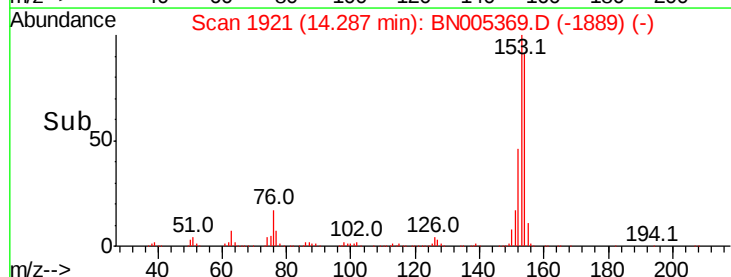
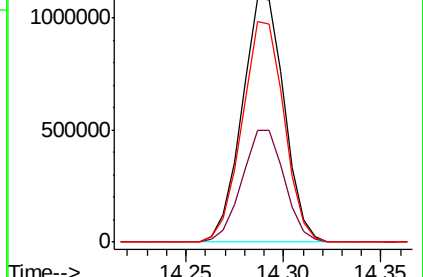
154 90.5 71.2 106.8

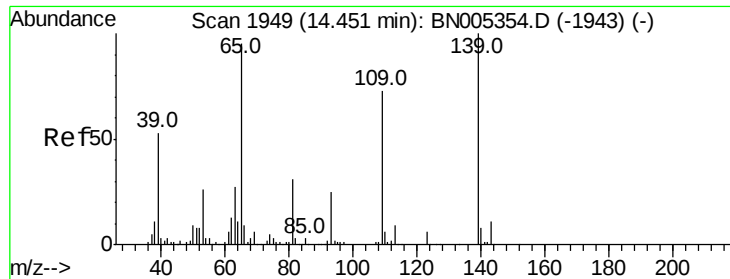


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

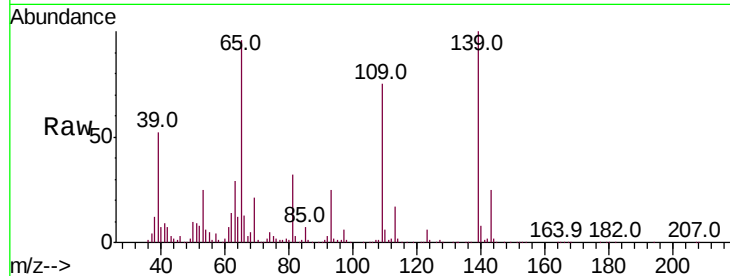




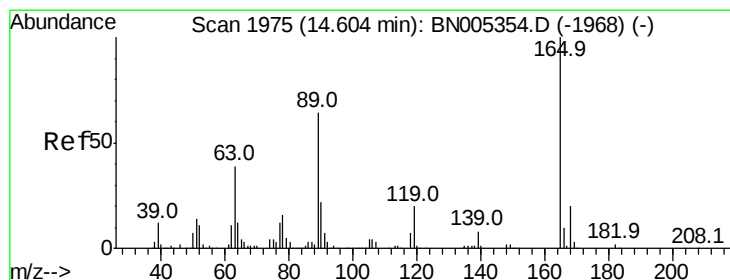
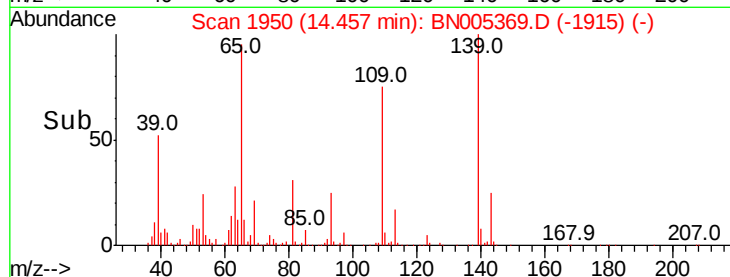
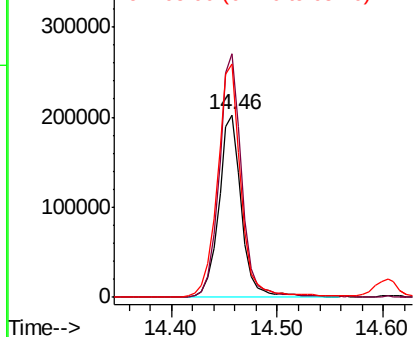
#52
4-Nitrophenol
Concen: 34.538 ng/ul
RT: 14.46 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BN005369.D
Acq: 30 Apr 2019 13:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
109	100		
139	133.3	92.3	138.5
65	127.7	97.5	146.3

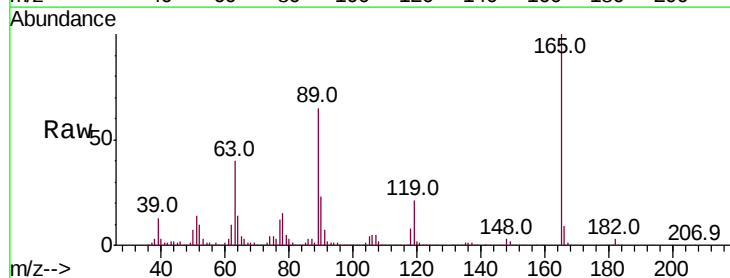


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO

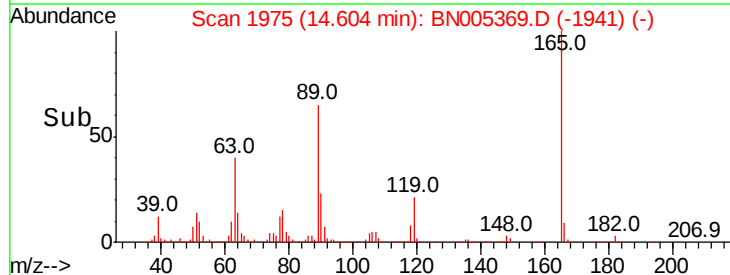
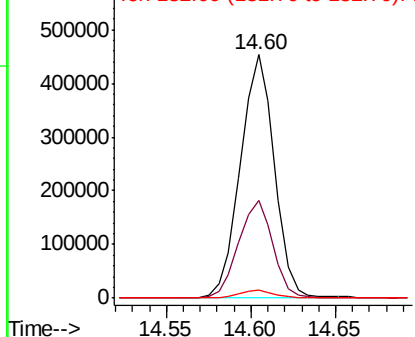


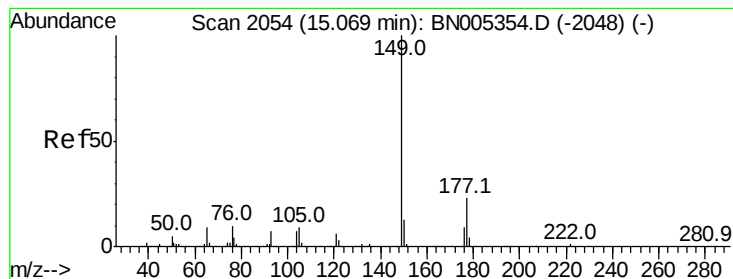
#54
2,4-Dinitrotoluene
Concen: 41.747 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BN005369.D
Acq: 30 Apr 2019 13:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.0	38.9	58.3
182	3.2	2.6	3.8



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





#56

Diethylphthalate

Concen: 1.141 ng/ul

RT: 15.07 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BN005369.D

Acq: 30 Apr 2019 13:52

Instrument :

BNA_N

ClientSampleId :

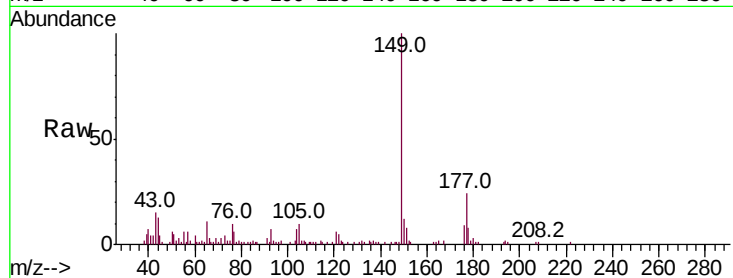
Tot Ion:149 Resp: 69744

Ion Ratio Lower Upper

149 100

177 24.0 17.7 26.5

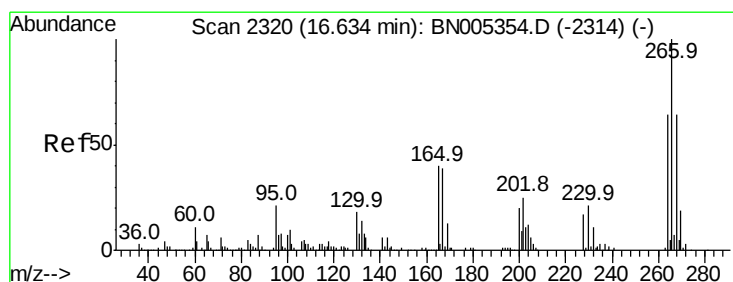
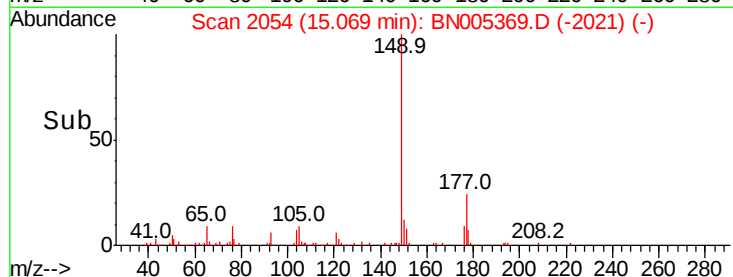
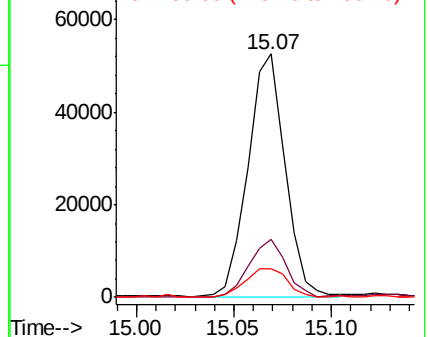
150 11.9 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#68

Pentachlorophenol

Concen: 38.229 ng/ul

RT: 16.63 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN005369.D

Acq: 30 Apr 2019 13:52

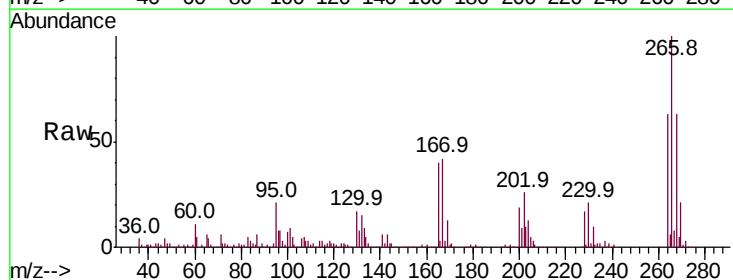
Tgt Ion:266 Resp: 491120

Ion Ratio Lower Upper

266 100

264 62.9 49.7 74.5

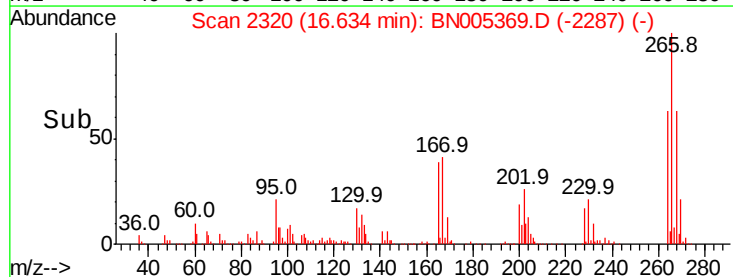
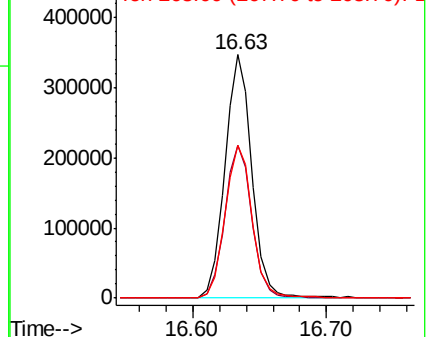
268 63.0 52.4 78.6

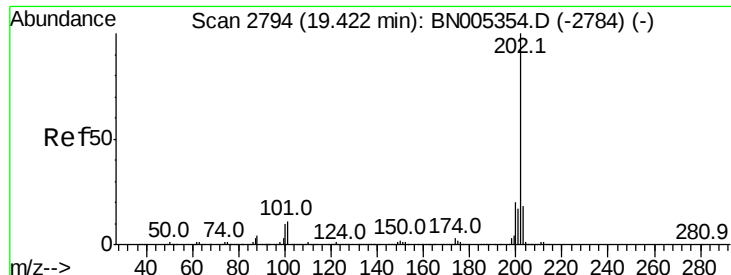


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#79

Pvrene

Concen: 30.989 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BN005369.D

Acq: 30 Apr 2019 13:52

Instrument :

BNA_N

ClientSampleId :

Tot Ion:202 Resp: 4166887

Ion	Ratio	Lower	Upper
202	100		
101	10.8	10.3	15.5
100	8.8	7.9	11.9

202 100

101 10.8 10.3 15.5

100 8.8 7.9 11.9

