

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

Instrument :
 BNA_N
 ClientSampleId :
 A5135MS

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

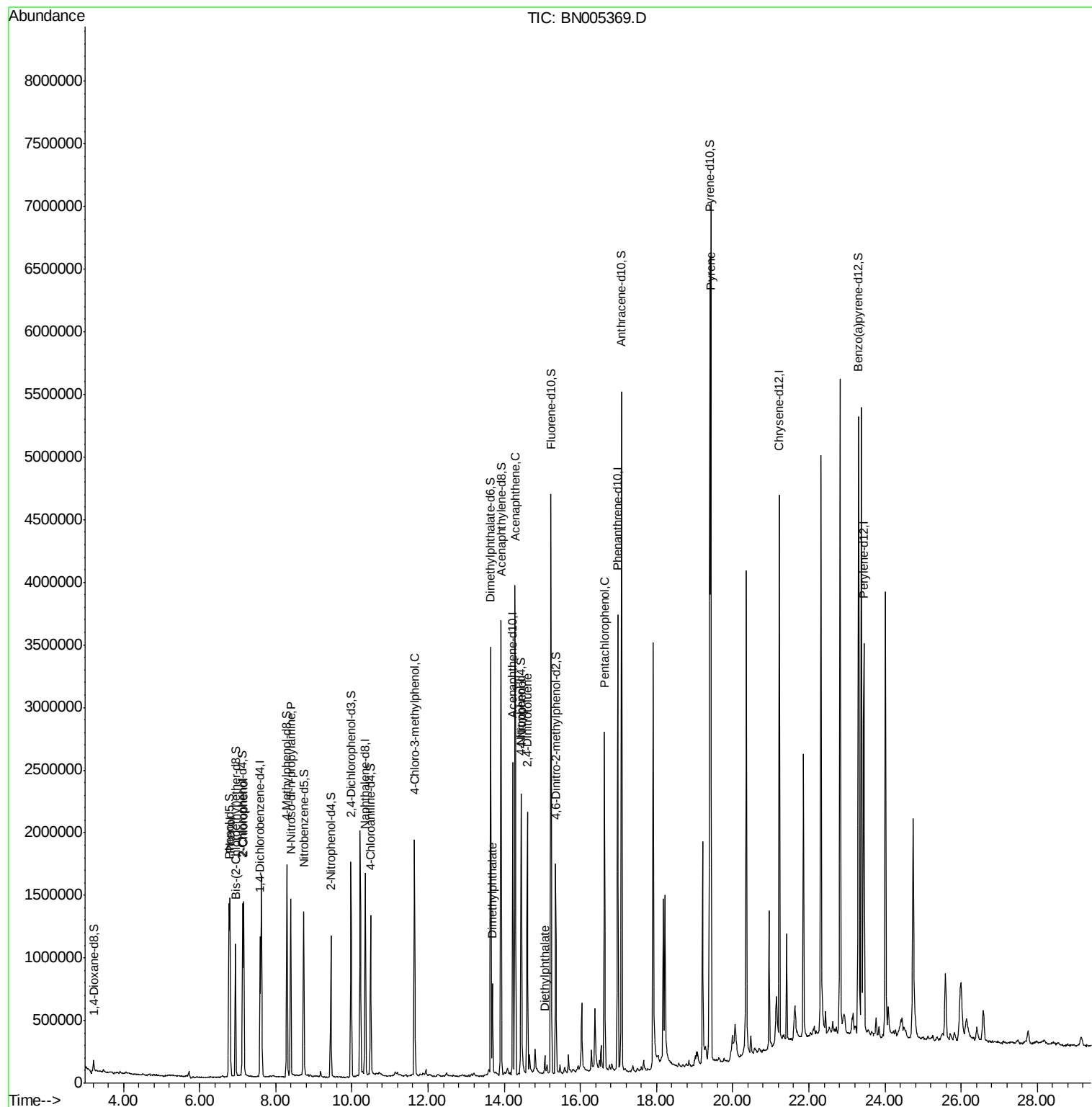
					Ovalue
6) Phenol	6.80	94	738358	29.306	ng/ul 97
10) 2-Chlorophenol	7.16	128	585202	30.197	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.39	70	508959	31.050	ng/ul 87
33) 4-Chloro-3-methylphenol	11.65	107	704278	34.226	ng/ul 91
44) Dimethylphthalate	13.69	163	445481	7.306	ng/ul 97
49) Acenaphthene	14.29	153	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

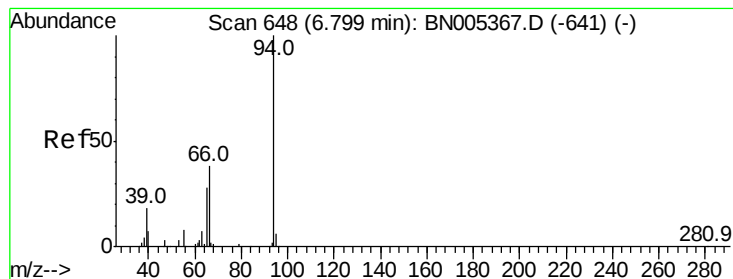
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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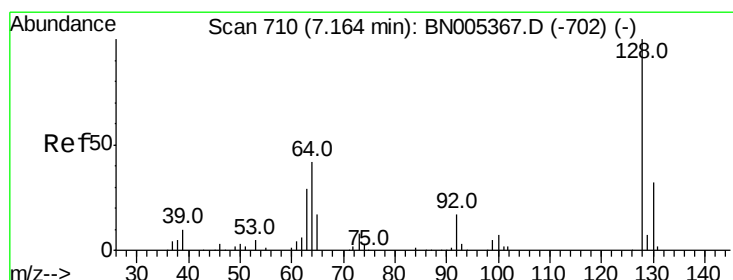
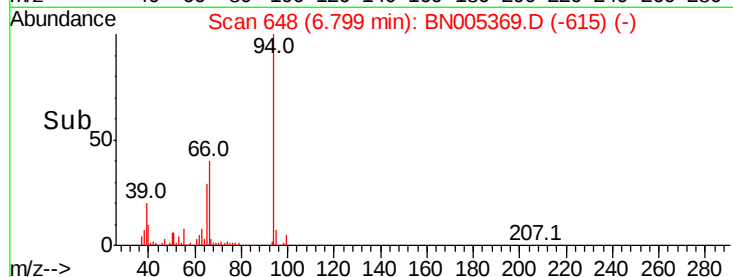
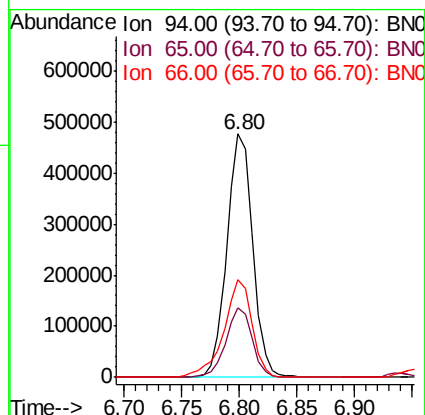
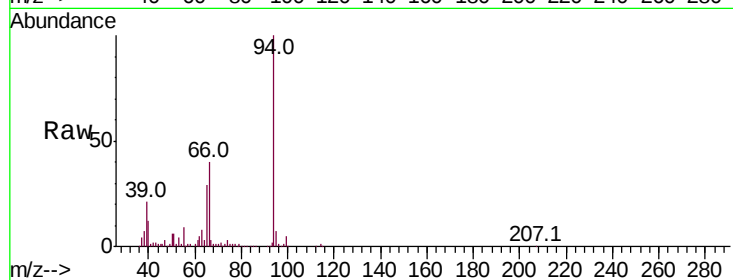
#6

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
ClientSampled :
A5135MS

Tot Ion	94	Ratio	100	Resp	738358
Ion	94	Ratio	100	Lower	Upper
	65	28.8		24.2	36.4
	66	40.1		33.8	50.6

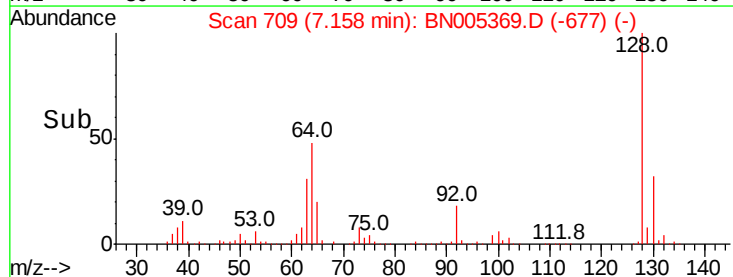
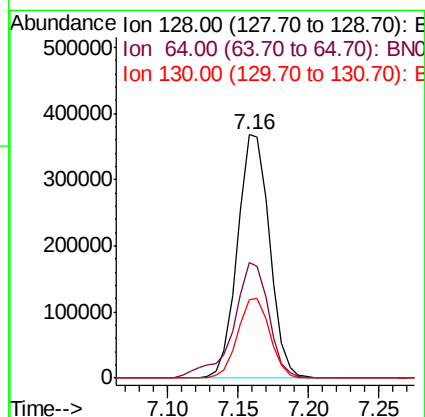
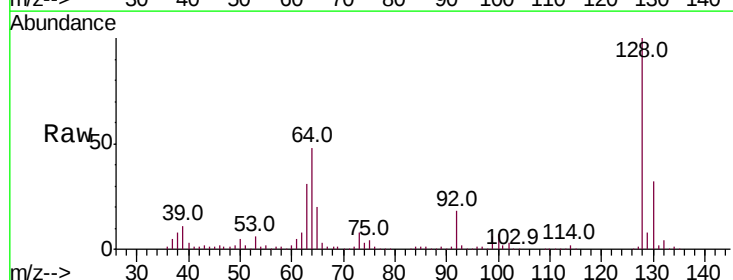


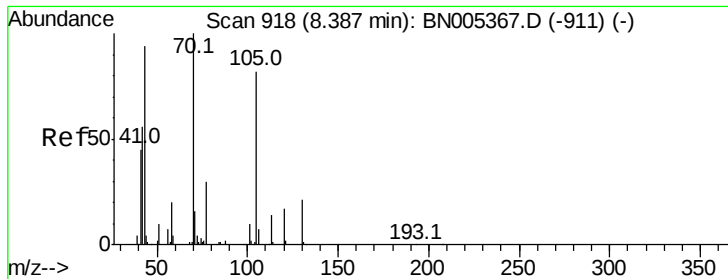
#10

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	Ratio	100	Resp	585202
Ion	128	Ratio	100	Lower	Upper
	64	47.6		42.3	63.5
	130	32.2		26.5	39.7

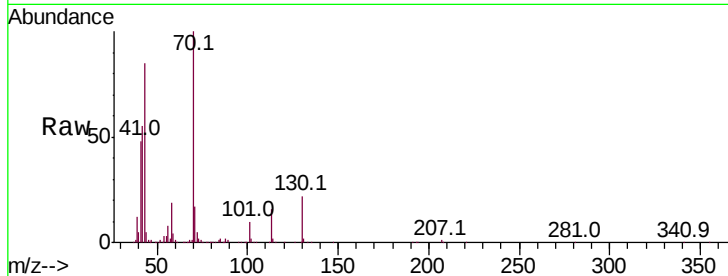




#15
N-Nitroso-di-n-propylamine
Concen: 31.050 ng/ul
RT: 8.39 min Scan# 919
Delta R.T. -0.01 min
Lab File: BN005369.D
Acq: 30 Apr 2019 13:52

Instrument :
BNA_N
ClientSampleId :
A5135MS

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



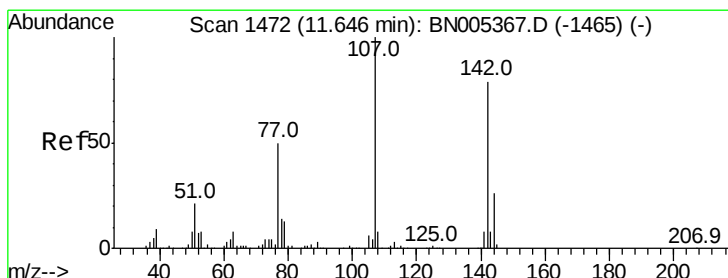
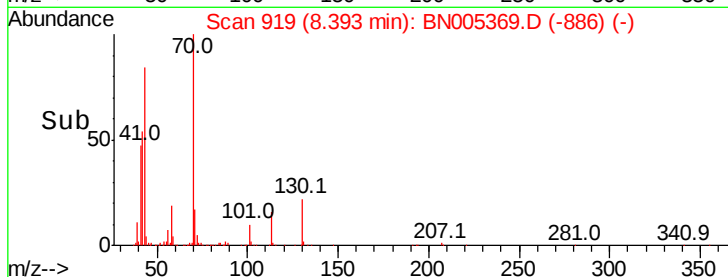
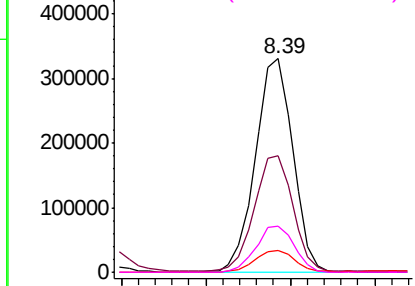
Abundance

Ion 70.00 (69.70 to 70.70): BN005367.D (-911) (-)

Ion 42.00 (41.70 to 42.70): BN005367.D (-911) (-)

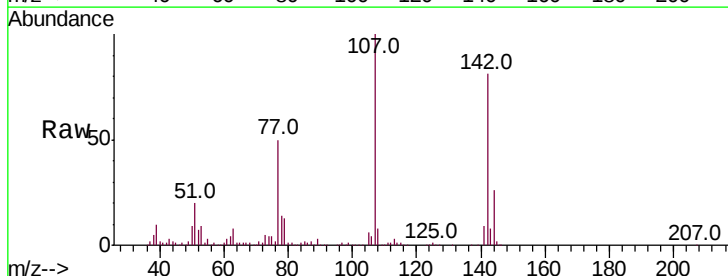
Ion 101.00 (100.70 to 101.70): BN005367.D (-911) (-)

Ion 130.00 (129.70 to 130.70): BN005367.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

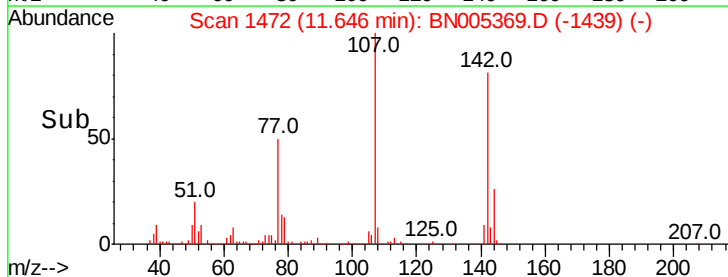
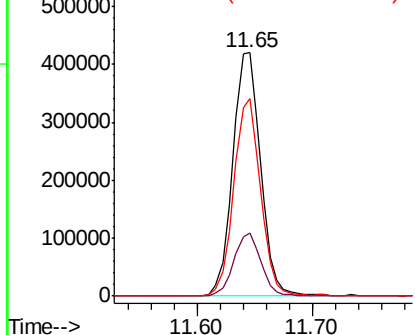


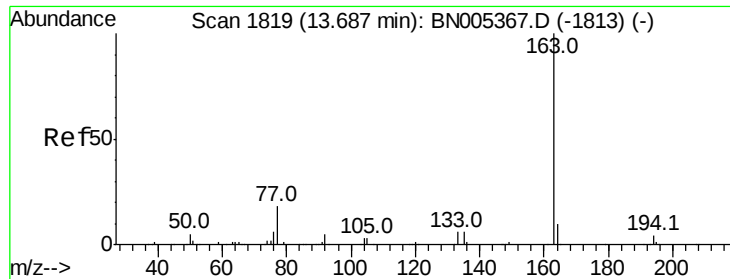
Abundance

Ion 107.00 (106.70 to 107.70): BN005367.D (-1465) (-)

Ion 144.00 (143.70 to 144.70): BN005367.D (-1465) (-)

Ion 142.00 (141.70 to 142.70): BN005367.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 :

A5135MS

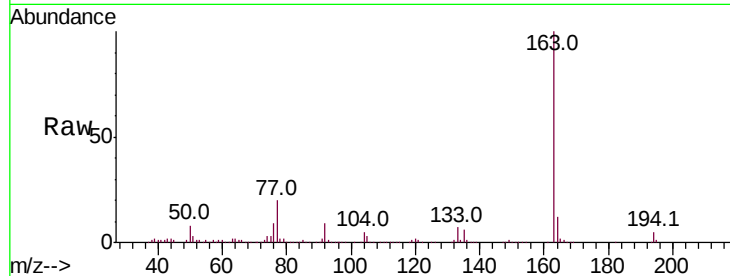
Tot Ion:163 Resp: 445481

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

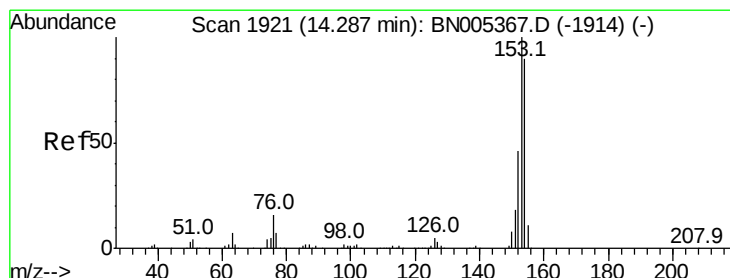
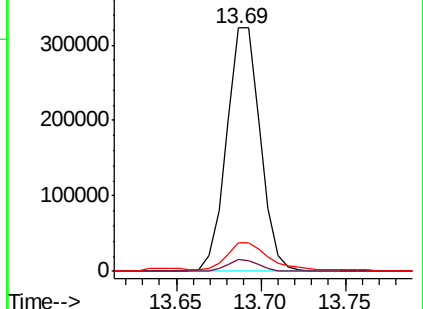
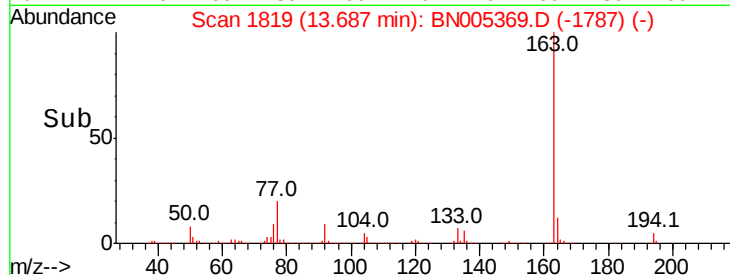
164 11.6 8.1 12.1



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

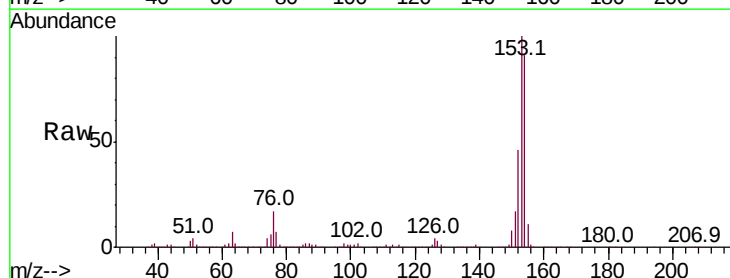
Tgt Ion:153 Resp: 1636174

Ion Ratio Lower Upper

153 100

152 45.9 37.4 56.0

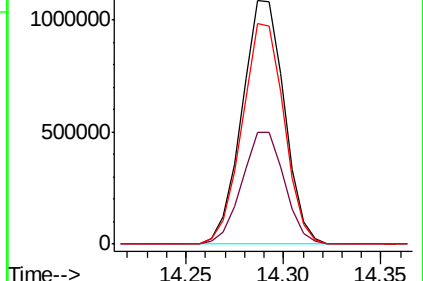
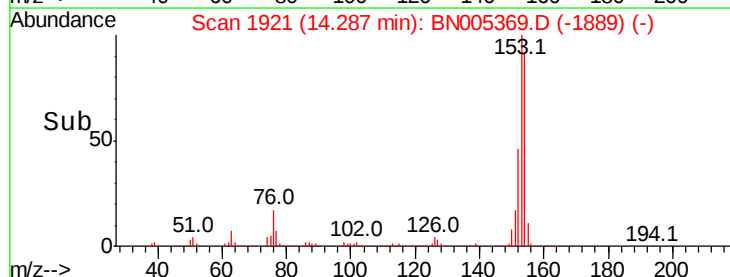
154 90.5 71.2 106.8

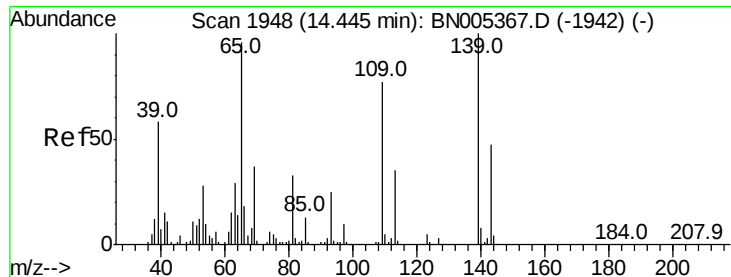


Abundance Ion 153.00 (152.70 to 153.70): E

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

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A5135MS

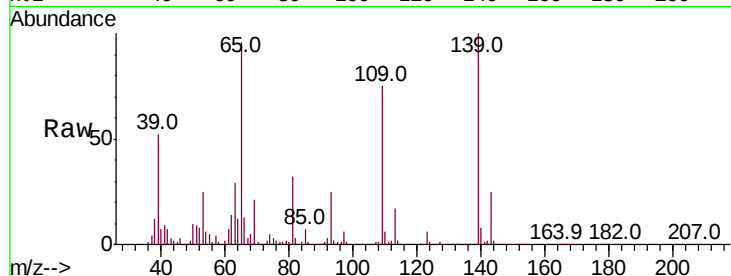
Tot Ion:109 Resp: 302899

Ion Ratio Lower Upper

109 100

139 133.3 92.3 138.5

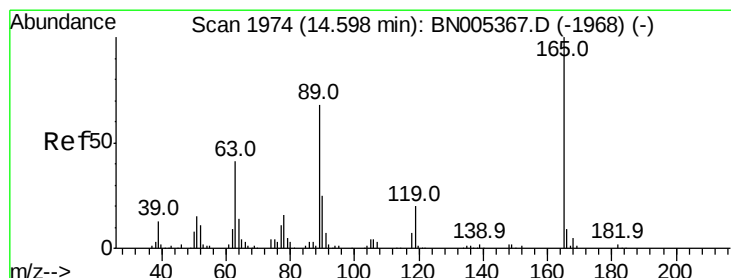
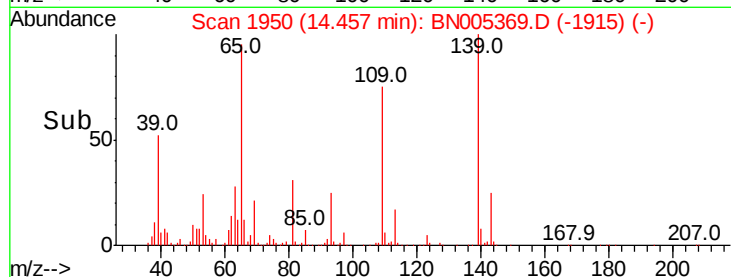
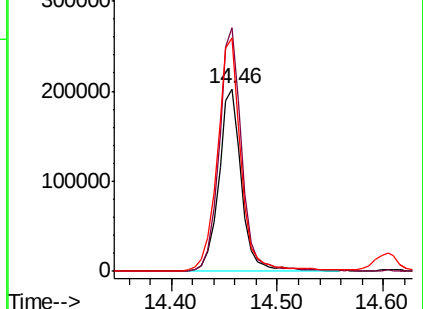
65 127.7 97.5 146.3



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): BNC



#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

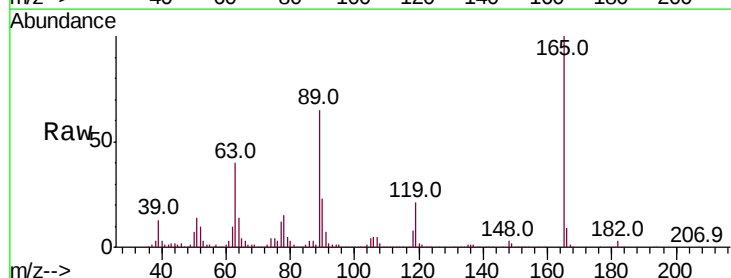
Tgt Ion:165 Resp: 633601

Ion Ratio Lower Upper

165 100

63 40.0 38.9 58.3

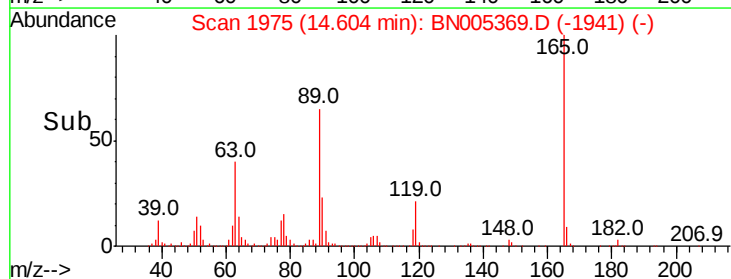
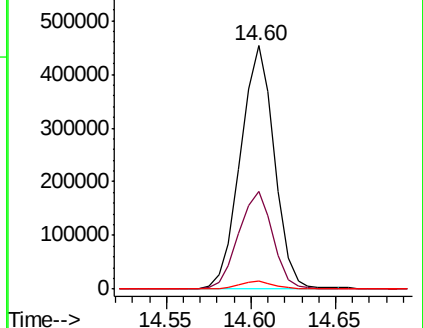
182 3.2 2.6 3.8

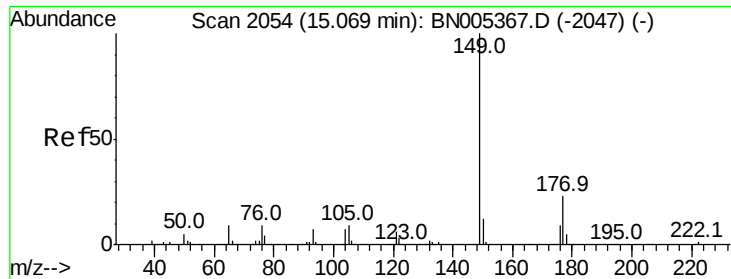


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

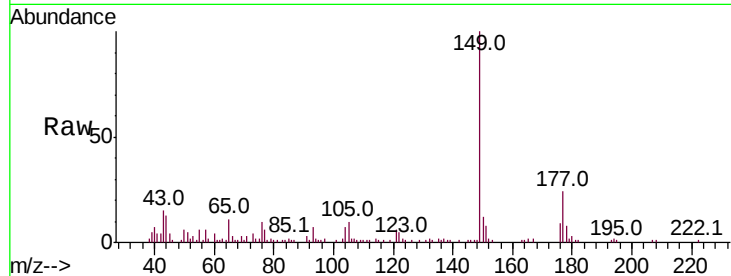




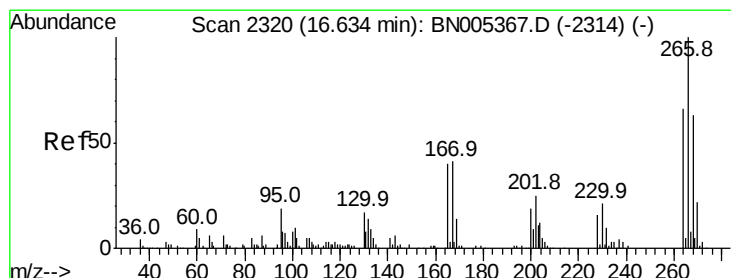
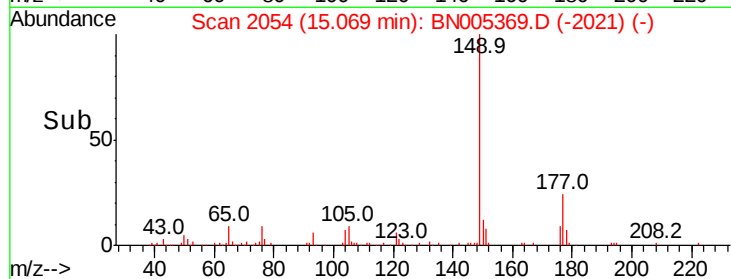
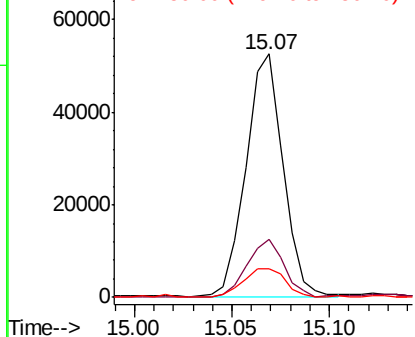
#56
Diethylphthalate
Concen: 1.141 ng/ul
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN005369.D
Acq: 30 Apr 2019 13:52

Instrument :
BNA_N
ClientSampleId :
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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

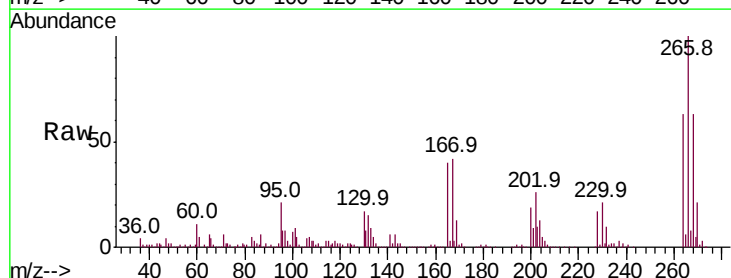


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

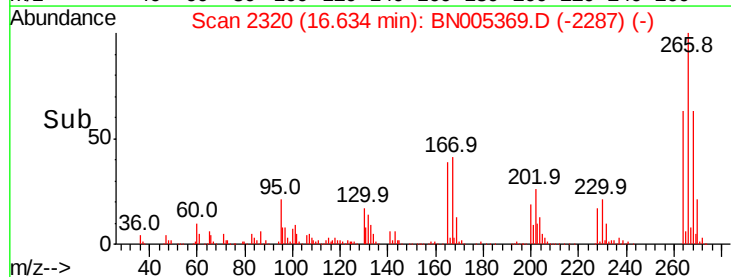
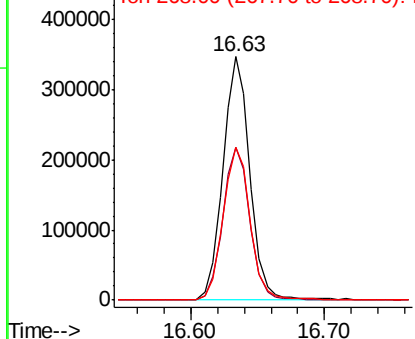


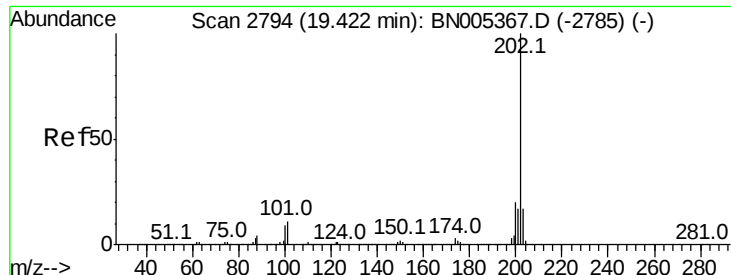
#68
Pentachlorophenol
Concen: 38.229 ng/ul
RT: 16.63 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BN005369.D
Acq: 30 Apr 2019 13:52

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 :

A5135MS

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

