

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112719\
 Data File : BN008801.D
 Acq On : 28 Nov 2019 17:10
 Operator : JU
 Sample : K5815-02MS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5460MS

Quant Time: Nov 29 00:29:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 27 15:51:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	593932	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	2692022	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	1762182	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	3745201	20.00	ng/ul	0.00
77) Chrysene-d12	21.16	240	3170714	20.00	ng/ul	0.00
85) Perylene-d12	23.32	264	3082683	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	68770	5.06	ng/uL	0.00
5) Phenol-d5	6.78	99	455272	7.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	1168280	31.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	1148005	27.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	810787	16.80	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	734850	35.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	819598	36.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	1342332	30.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	126738	2.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	4819209	34.33	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	5458351	35.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	207364	7.28	ng/ul	0.00
57) Fluorene-d10	15.21	176	3991692	33.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	703887	32.53	ng/ul	0.00
70) Anthracene-d10	17.06	188	6240994	35.20	ng/ul	0.00
78) Pyrene-d10	19.36	212	6886945	38.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.19	264	5869571	36.49	ng/ul	0.00

Target Compounds

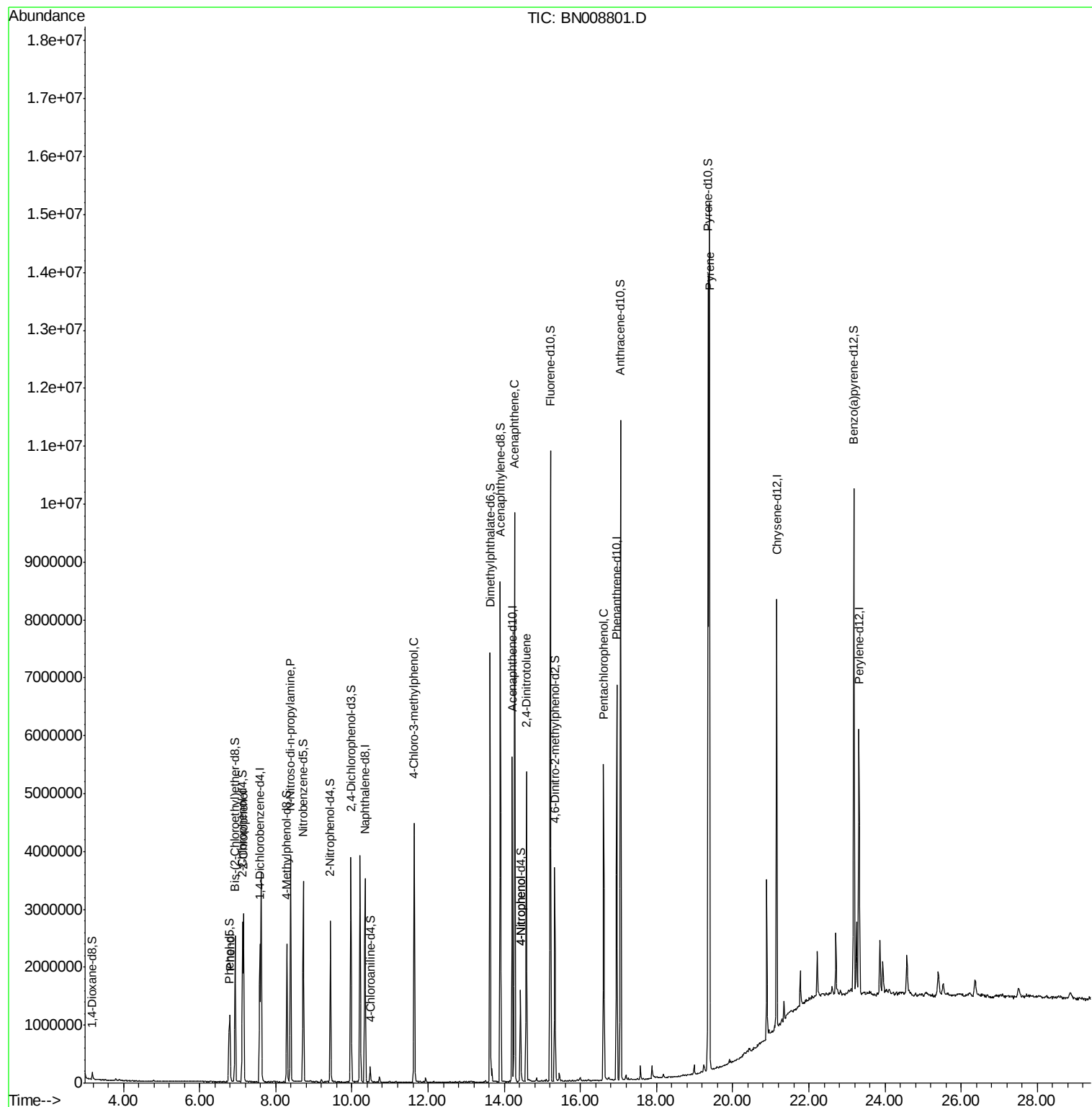
					Ovalue
6) Phenol	6.80	94	555890	8.794	ng/ul 99
10) 2-Chlorophenol	7.16	128	1119552	25.691	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.39	70	1255694	30.786	ng/ul 98
33) 4-Chloro-3-methylphenol	11.63	107	1489151	26.666	ng/ul 95
49) Acenaphthene	14.27	153	3687595	32.946	ng/ul 100
52) 4-Nitrophenol	14.43	109	168683	7.670	ng/ul 96
54) 2,4-Dinitrotoluene	14.58	165	1334380	33.241	ng/ul 99
68) Pentachlorophenol	16.62	266	881239	33.610	ng/ul 96
79) Pvrene	19.39	202	8051291	36.251	ng/ul 99

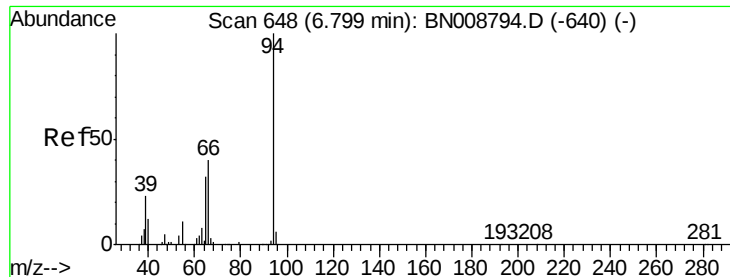
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 27 15:51:44 2019
Response via : Initial Calibration





#6

Phenol

Concen: 8.794 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

Lab File: BN008801.D

Acq: 28 Nov 2019 17:10

Instrument :

BNA_N

ClientSampleId :

A5460MS

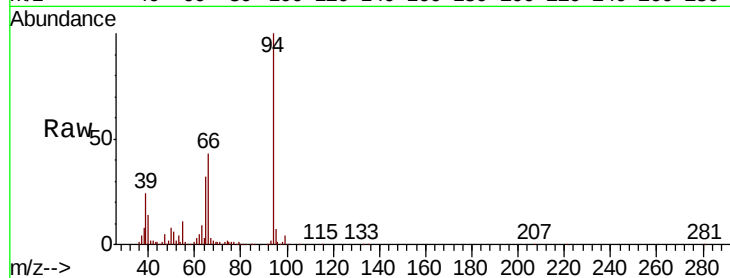
Tot Ion: 94 Resp: 555890

Ion Ratio Lower Upper

94 100

65 32.2 25.4 38.0

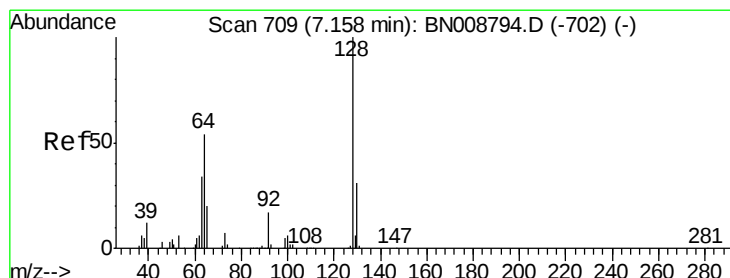
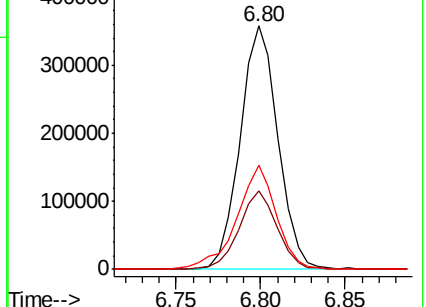
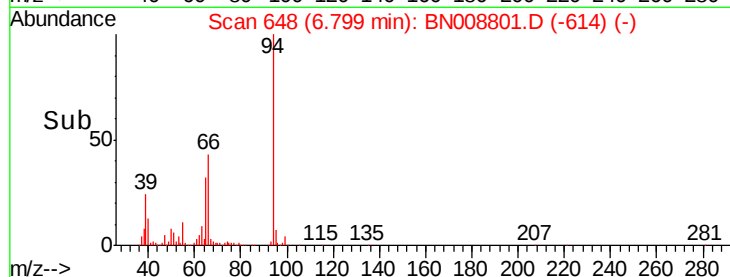
66 42.6 34.2 51.4



Abundance Ion 94.00 (93.70 to 94.70): BN008801.D (-614) (-)

Ion 65.00 (64.70 to 65.70): BN008801.D (-614) (-)

Ion 66.00 (65.70 to 66.70): BN008801.D (-614) (-)



#10

2-Chlorophenol

Concen: 25.691 ng/ul

RT: 7.16 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN008801.D

Acq: 28 Nov 2019 17:10

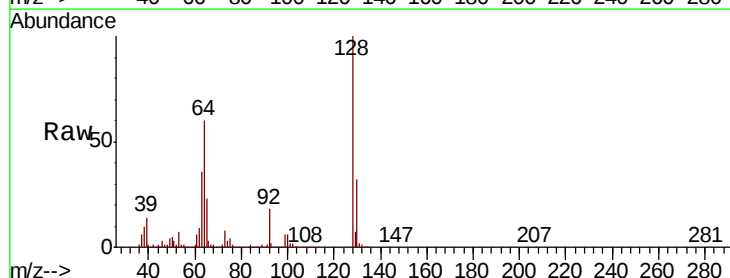
Tgt Ion: 128 Resp: 1119552

Ion Ratio Lower Upper

128 100

64 60.0 48.9 73.3

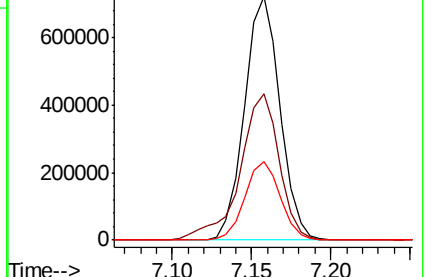
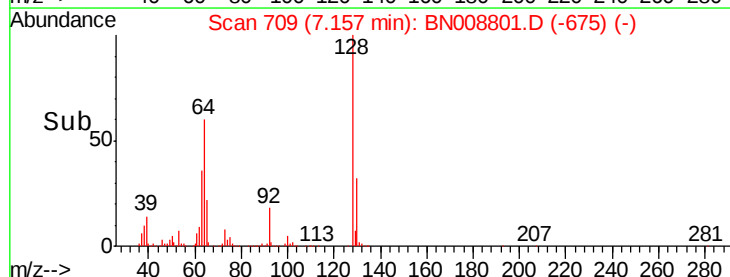
130 32.0 25.7 38.5

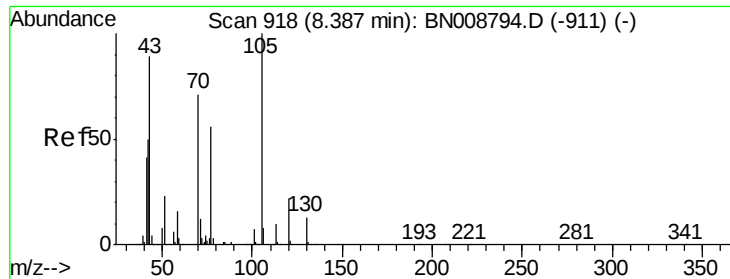


Abundance Ion 128.00 (127.70 to 128.70): BN008801.D (-675) (-)

Ion 64.00 (63.70 to 64.70): BN008801.D (-675) (-)

Ion 130.00 (129.70 to 130.70): BN008801.D (-675) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 30.786 ng/ul

RT: 8.39 min Scan# 918

Delta R.T. -0.01 min

Lab File: BN008801.D

Acq: 28 Nov 2019 17:10

Instrument :

BNA_N

ClientSampleId :

A5460MS

Tot Ion: 70 Resp: 1255694

Ion	Ratio	Lower	Upper
70	100		
42	66.9	55.1	82.7
101	10.1	7.5	11.3
130	20.4	16.4	24.6

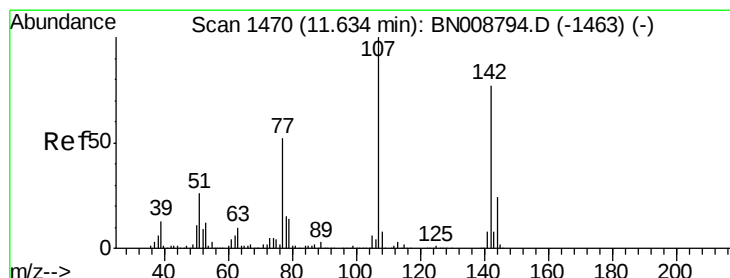
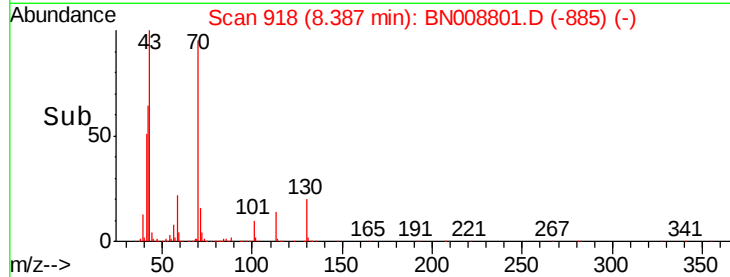
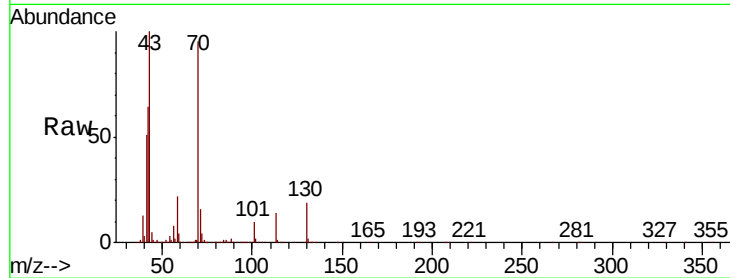
Abundance

Ion 70.00 (69.70 to 70.70): BN008801.D (-885) (-)

Ion 42.00 (41.70 to 42.70): BN008801.D (-885) (-)

Ion 101.00 (100.70 to 101.70): BN008801.D (-885) (-)

Ion 130.00 (129.70 to 130.70): BN008801.D (-885) (-)



#33

4-Chloro-3-methylphenol

Concen: 26.666 ng/ul

RT: 11.63 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BN008801.D

Acq: 28 Nov 2019 17:10

Tgt Ion:107 Resp: 1489151

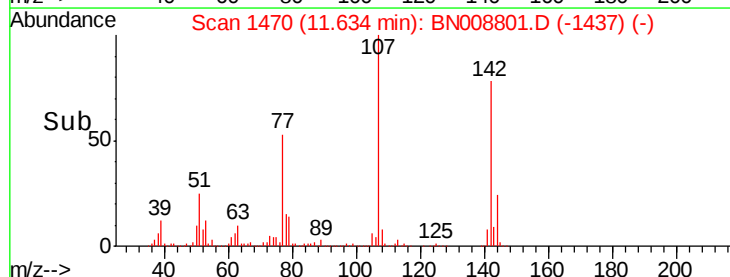
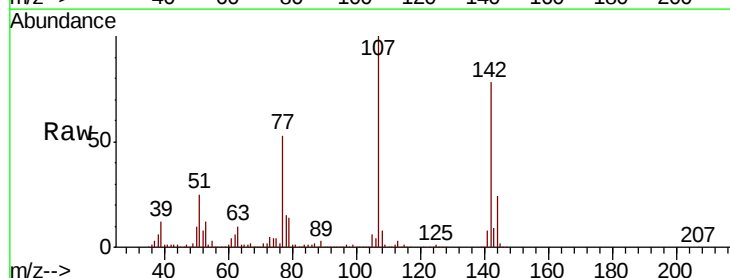
Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.5	29.3
142	78.2	58.6	87.8

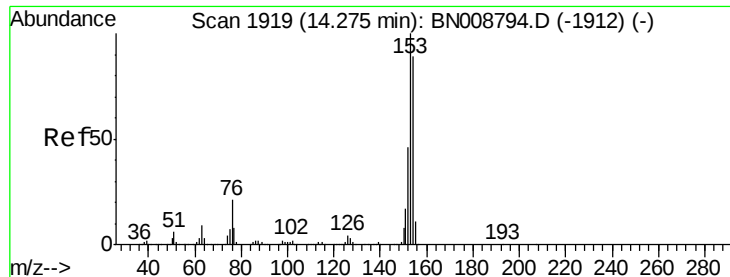
Abundance

Ion 107.00 (106.70 to 107.70): BN008801.D (-1437) (-)

Ion 144.00 (143.70 to 144.70): BN008801.D (-1437) (-)

Ion 142.00 (141.70 to 142.70): BN008801.D (-1437) (-)





#49

Acenaphthene

Concen: 32.946 ng/ul

RT: 14.27 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BN008801.D

Acq: 28 Nov 2019 17:10

Instrument :

BNA_N

ClientSampleId :

A5460MS

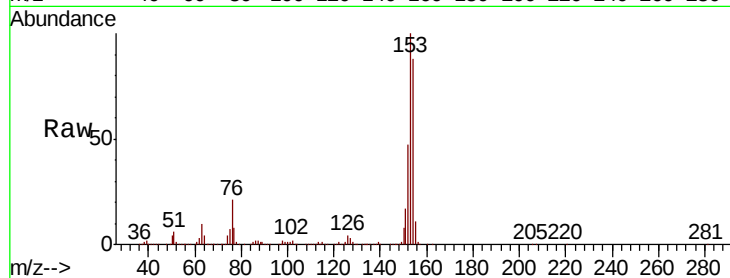
Tot Ion:153 Resp: 3687595

Ion Ratio Lower Upper

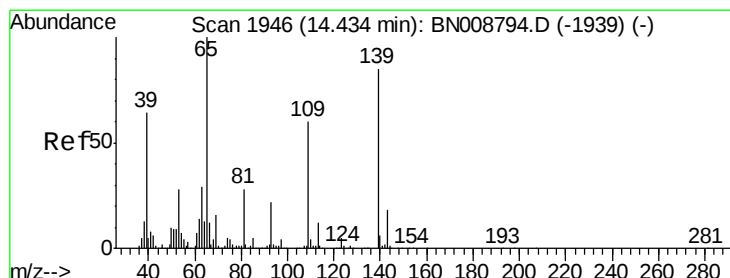
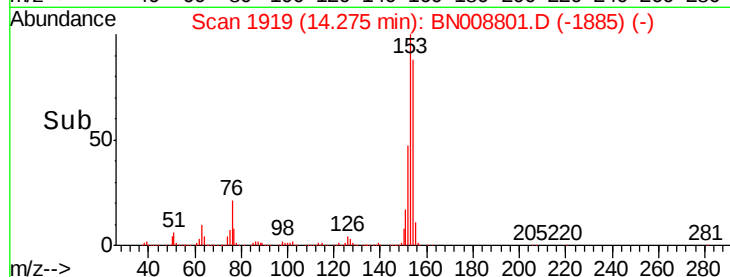
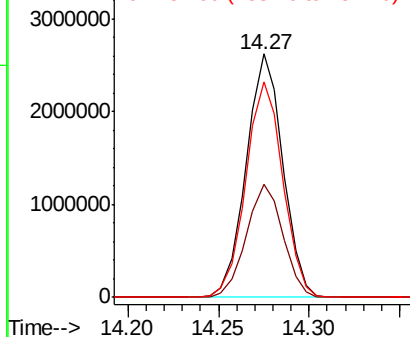
153 100

152 46.7 36.8 55.2

154 88.3 70.6 106.0



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: 7.670 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BN008801.D

Acq: 28 Nov 2019 17:10

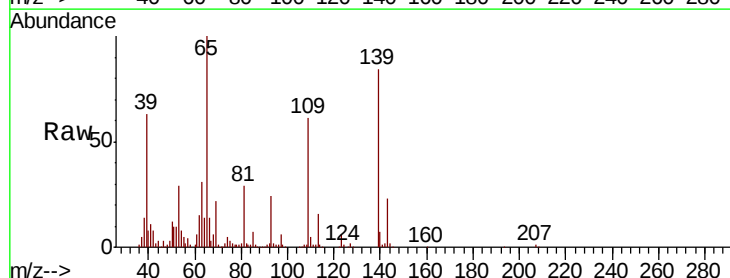
Tgt Ion:109 Resp: 168683

Ion Ratio Lower Upper

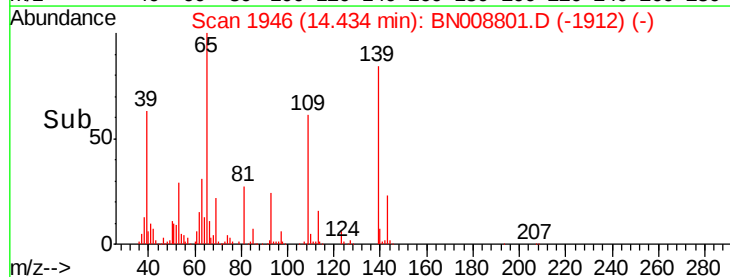
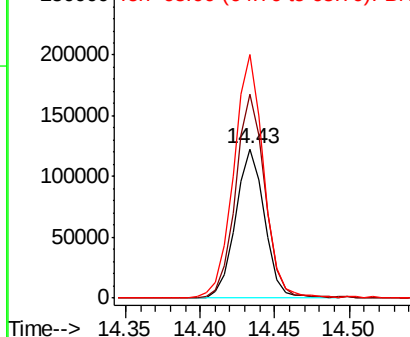
109 100

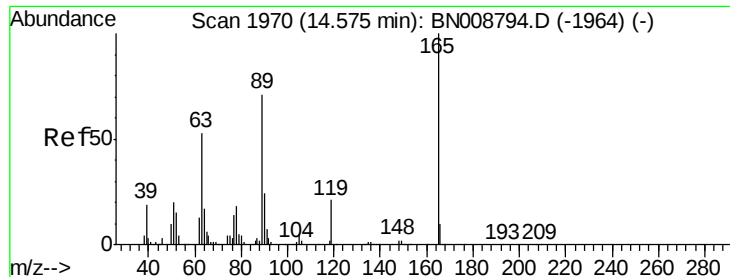
139 137.0 106.2 159.2

65 163.2 135.2 202.8



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

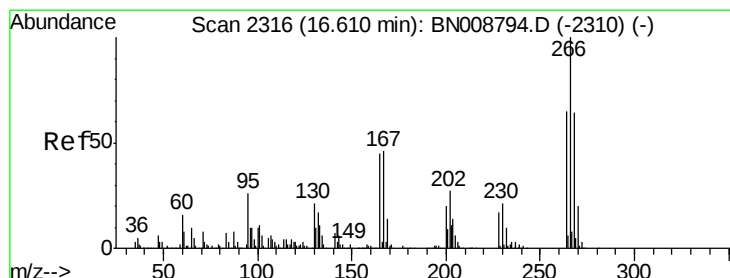
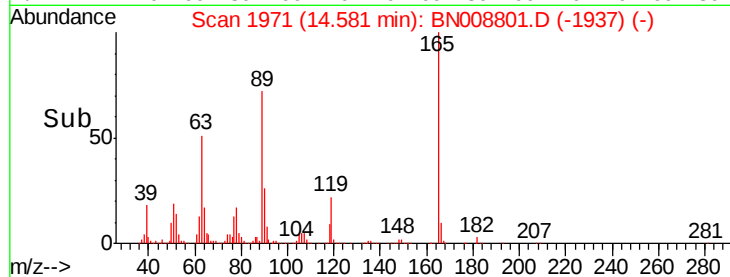
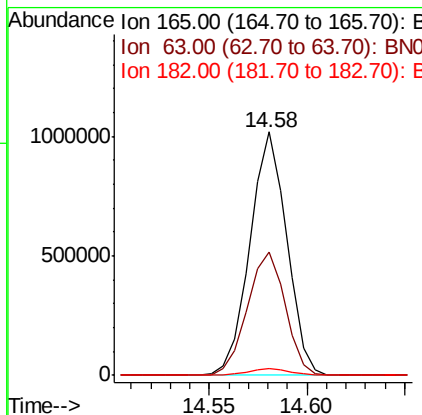
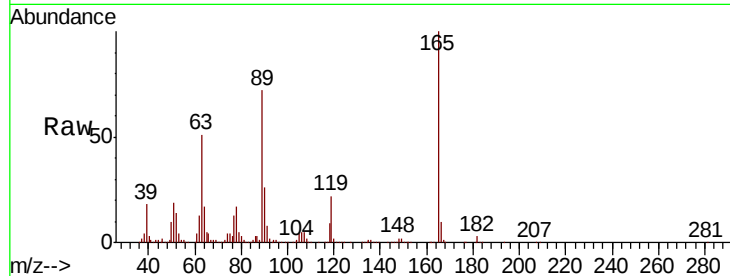




#54
 2,4-Dinitrotoluene
 Concen: 33.241 ng/ul
 RT: 14.58 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BN008801.D
 Acq: 28 Nov 2019 17:10

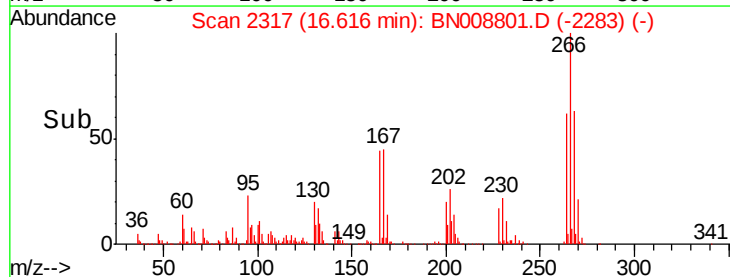
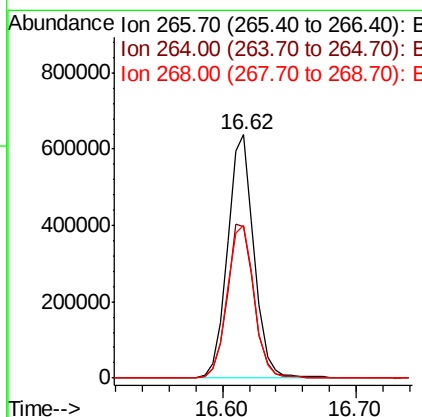
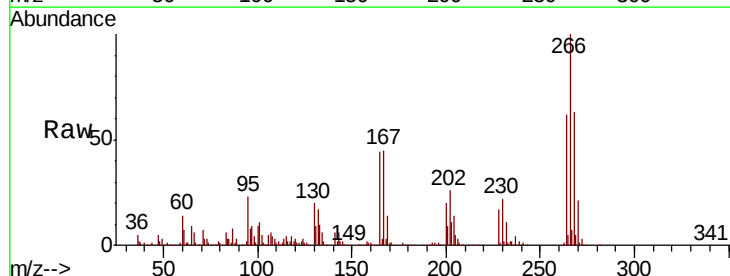
Instrument :
 BNA_N
 ClientSampled :
 A5460MS

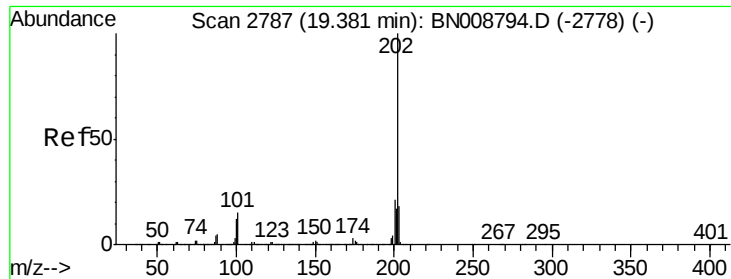
Tot Ion:165 Resp: 1334380
 Ion Ratio Lower Upper
 165 100
 63 50.8 41.0 61.6
 182 3.0 2.4 3.6



#68
 Pentachlorophenol
 Concen: 33.610 ng/ul
 RT: 16.62 min Scan# 2317
 Delta R.T. -0.00 min
 Lab File: BN008801.D
 Acq: 28 Nov 2019 17:10

Tgt Ion:266 Resp: 881239
 Ion Ratio Lower Upper
 266 100
 264 62.0 52.1 78.1
 268 62.8 48.4 72.6





#79

Pvrene

Concen: 36.251 ng/ul

RT: 19.39 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BN008801.D

Acq: 28 Nov 2019 17:10

Instrument :

BNA_N

ClientSampleId :

A5460MS

Tot Ion:202 Resp: 8051291

Ion Ratio Lower Upper

202 100

101 15.1 11.8 17.6

100 12.5 9.6 14.4

