

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
 Data File : BN006048.D
 Acq On : 03 Jun 2019 21:48
 Operator : JU/SJ
 Sample : K2924-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4264MSD

Quant Time: Jun 04 02:34:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 03 14:55:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	374035	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1679074	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	970286	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1966860	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1393926	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1444225	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	37071	4.61	ng/uL	0.00
5) Phenol-d5	6.89	99	738494	23.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	452845	25.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	587059	24.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	491267	19.87	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	303019	24.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	339619	25.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	572547	23.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	725040	24.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1920269	27.98	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	2316014	26.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	259095	20.43	ng/ul	0.00
57) Fluorene-d10	15.38	176	1564429	26.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	204544	21.47	ng/ul	0.00
70) Anthracene-d10	17.23	188	2121192	25.73	ng/ul	0.00
78) Pyrene-d10	19.54	212	2175030	27.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	1780173	27.74	ng/ul	0.00

Target Compounds

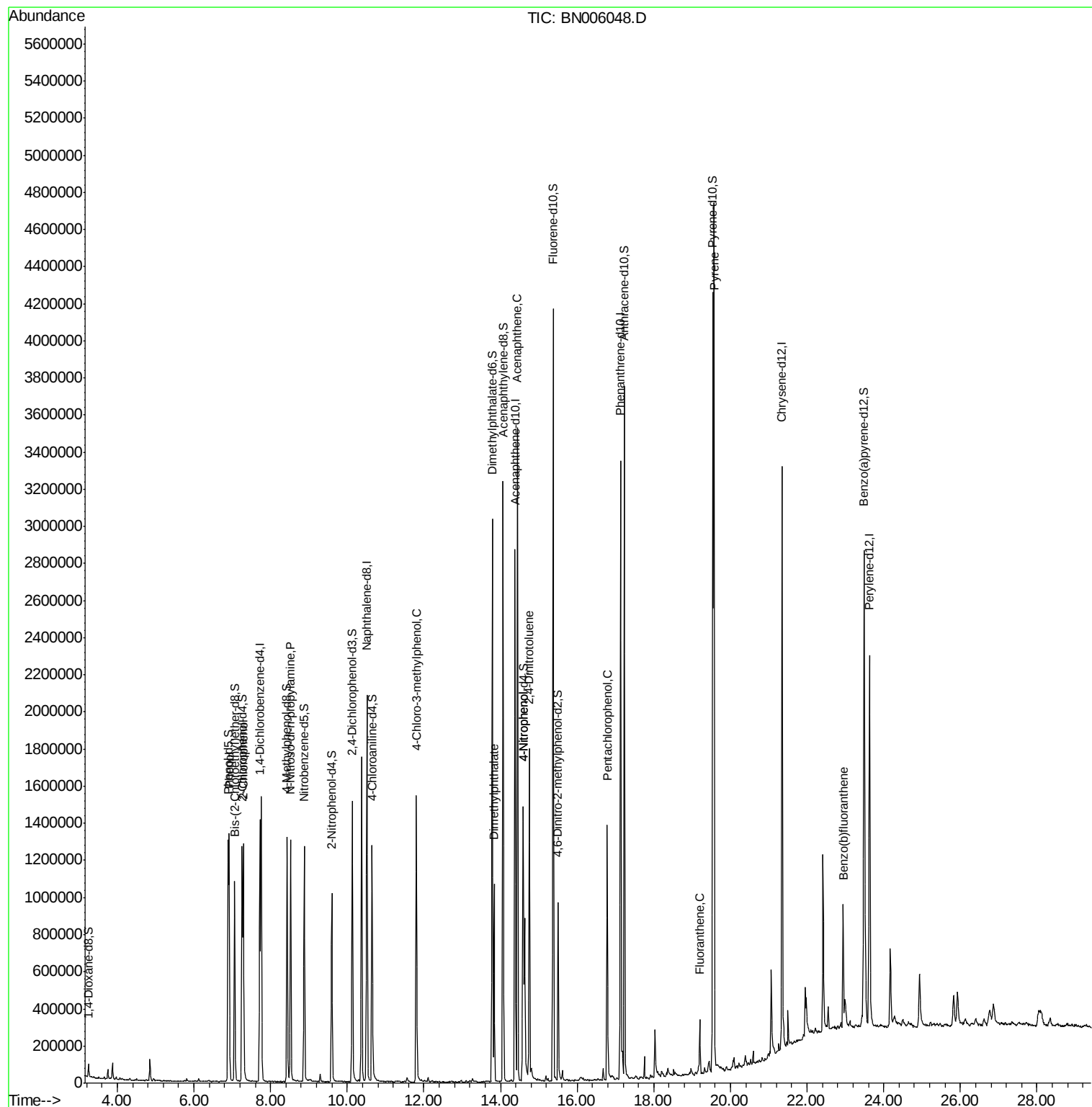
					Ovalue
6) Phenol	6.92	94	705714	22.358	ng/ul 97
10) 2-Chlorophenol	7.29	128	537862	21.703	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.52	70	479801	25.306	ng/ul 100
33) 4-Chloro-3-methylphenol	11.80	107	593224	21.927	ng/ul 97
44) Dimethylphthalate	13.84	163	647117	9.524	ng/ul 99
49) Acenaphthene	14.44	153	1416462	24.230	ng/ul 98
52) 4-Nitrophenol	14.60	109	189208	19.740	ng/ul 98
54) 2,4-Dinitrotoluene	14.75	165	501314	25.321	ng/ul 95
68) Pentachlorophenol	16.79	266	253765	21.963	ng/ul 99
76) Fluoranthene	19.20	202	167774	1.806	ng/ul 98
79) Pyrene	19.57	202	2661610	26.493	ng/ul 99
87) Benzo(b)fluoranthene	22.95	252	93636	1.175	ng/ul# 92

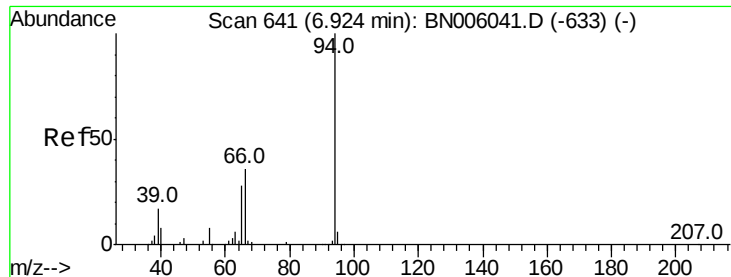
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 03 14:55:48 2019
Response via : Initial Calibration





#6

Phenol

Concen: 22.358 ng/ul

RT: 6.92 min Scan# 640

Delta R.T. -0.01 min

Lab File: BN006048.D

Acq: 03 Jun 2019 21:48

Instrument :

BNA_N

ClientSampleId :

A4264MSD

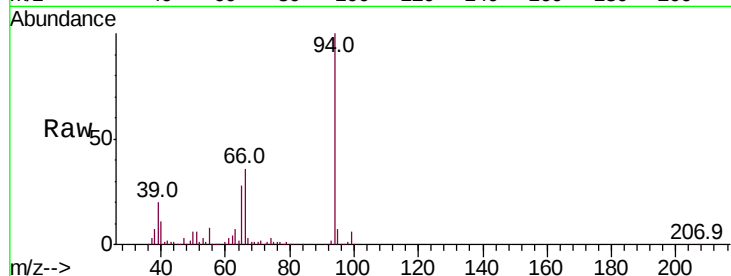
Tot Ion: 94 Resp: 705714

Ion Ratio Lower Upper

94 100

65 28.0 21.1 31.7

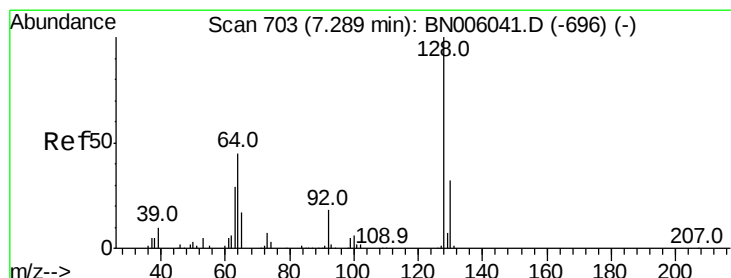
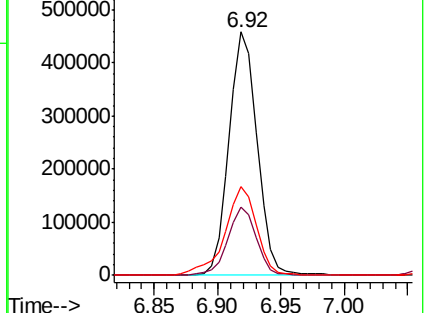
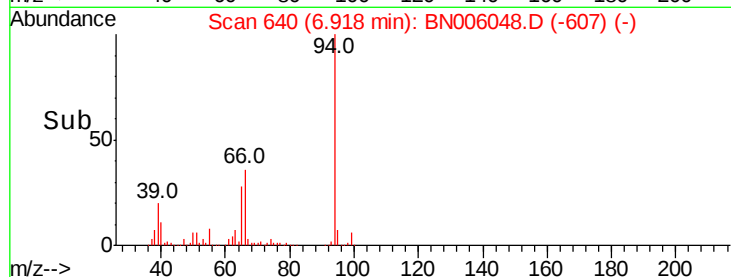
66 36.4 28.2 42.2



Abundance Ion 94.00 (93.70 to 94.70): BN006041.D (-633) (-)

Ion 65.00 (64.70 to 65.70): BN006041.D (-633) (-)

Ion 66.00 (65.70 to 66.70): BN006041.D (-633) (-)



#10

2-Chlorophenol

Concen: 21.703 ng/ul

RT: 7.29 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006048.D

Acq: 03 Jun 2019 21:48

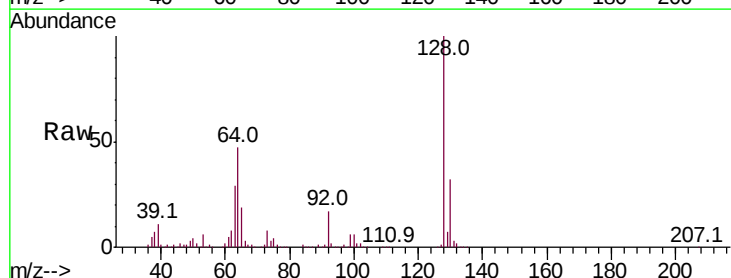
Tgt Ion:128 Resp: 537862

Ion Ratio Lower Upper

128 100

64 46.6 38.7 58.1

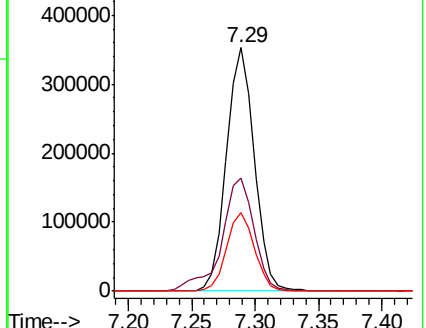
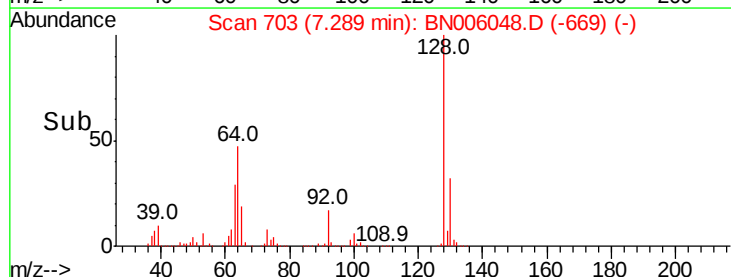
130 32.3 26.0 39.0

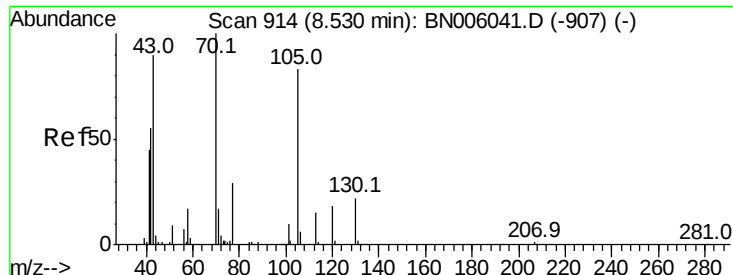


Abundance Ion 128.00 (127.70 to 128.70): BN006041.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BN006041.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BN006041.D (-696) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 25.306 ng/ul

RT: 8.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BN006048.D

Acq: 03 Jun 2019 21:48

Instrument :

BNA_N

ClientSampleId :

A4264MSD

Tot Ion: 70 Resp: 479801

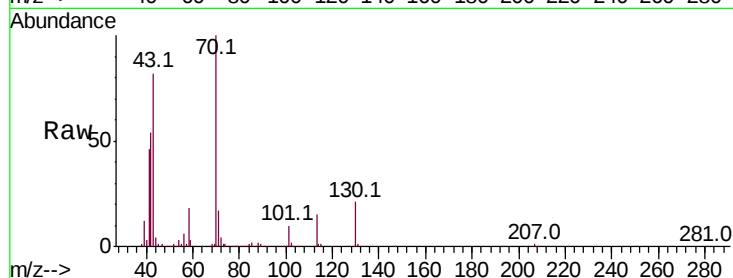
Ion Ratio Lower Upper

70 100

42 54.3 43.3 64.9

101 10.0 7.8 11.8

130 21.4 16.9 25.3

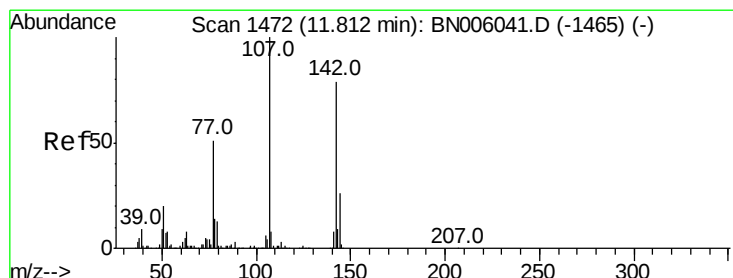
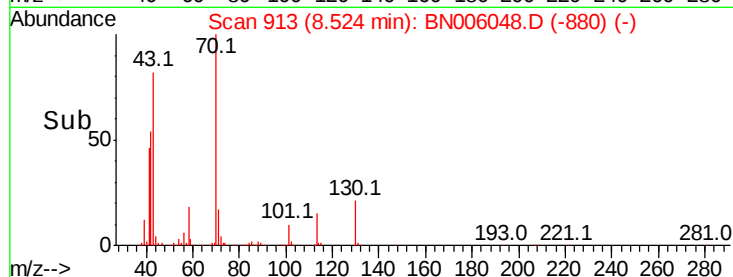
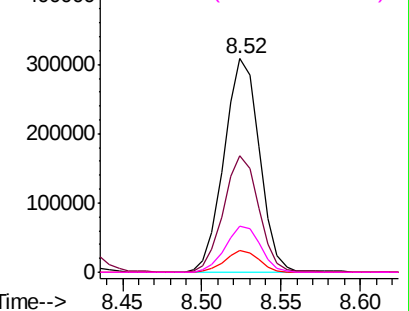


Abundance Ion 70.00 (69.70 to 70.70): BN006041.D (-907) (-)

Ion 42.00 (41.70 to 42.70): BN006041.D (-907) (-)

Ion 101.00 (100.70 to 101.70): BN006041.D (-907) (-)

Ion 130.00 (129.70 to 130.70): BN006041.D (-907) (-)



#33

4-Chloro-3-methylphenol

Concen: 21.927 ng/ul

RT: 11.80 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BN006048.D

Acq: 03 Jun 2019 21:48

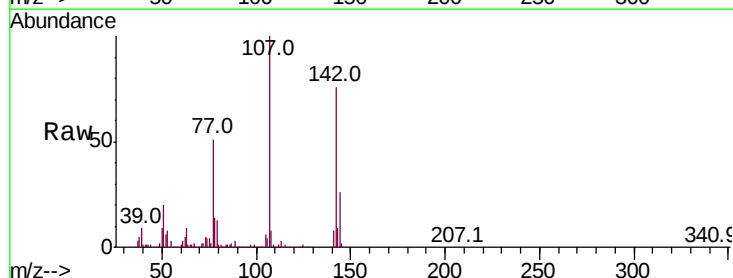
Tgt Ion: 107 Resp: 593224

Ion Ratio Lower Upper

107 100

144 25.6 20.0 30.0

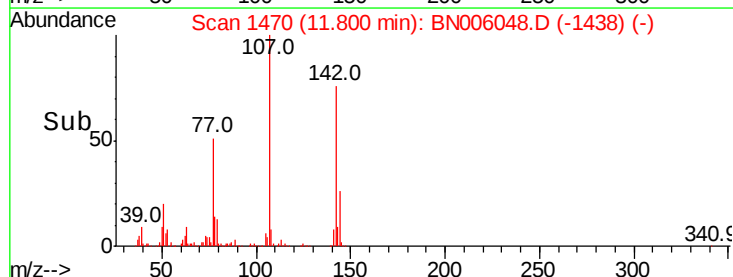
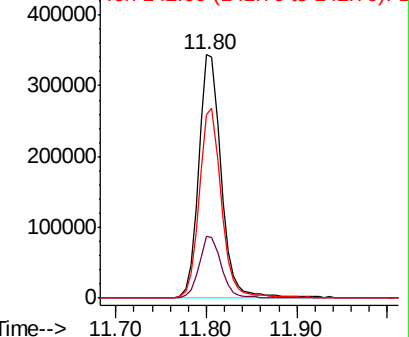
142 75.6 63.1 94.7

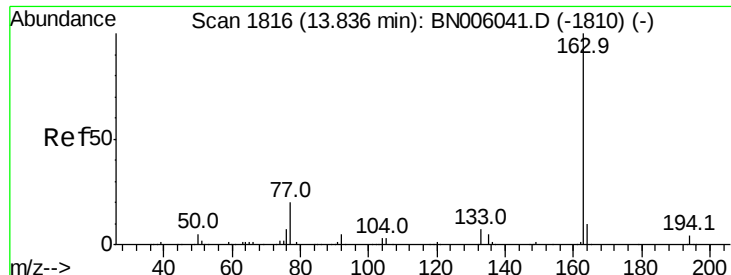


Abundance Ion 107.00 (106.70 to 107.70): BN006041.D (-1465) (-)

Ion 144.00 (143.70 to 144.70): BN006041.D (-1465) (-)

Ion 142.00 (141.70 to 142.70): BN006041.D (-1465) (-)

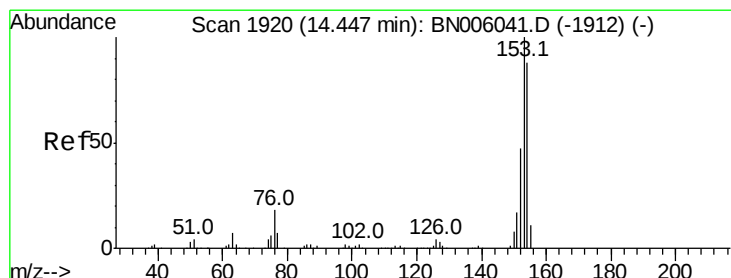
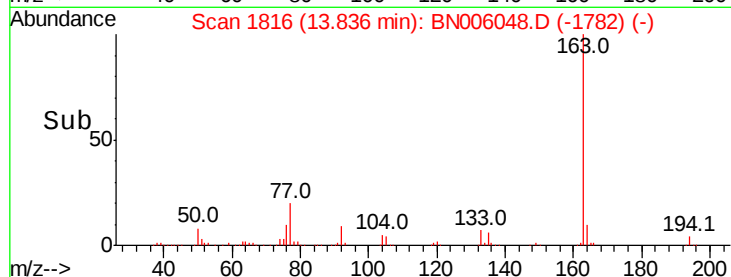
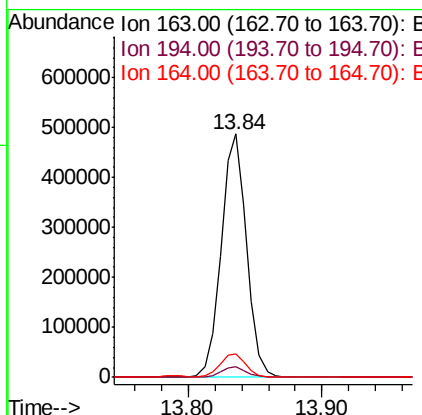
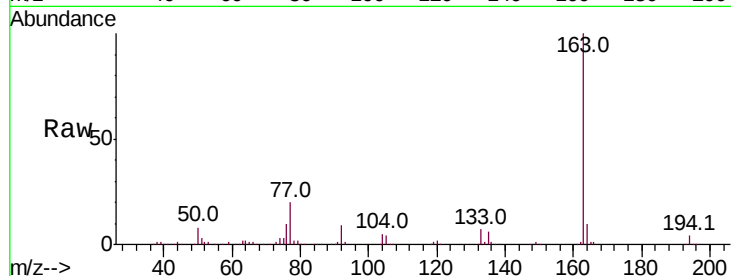




#44
Dimethylphthalate
Concen: 9.524 ng/ul
RT: 13.84 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BN006048.D
Acq: 03 Jun 2019 21:48

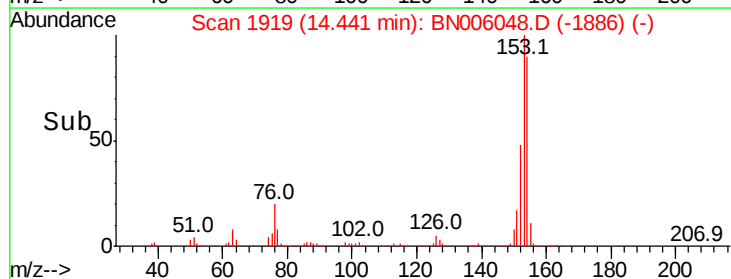
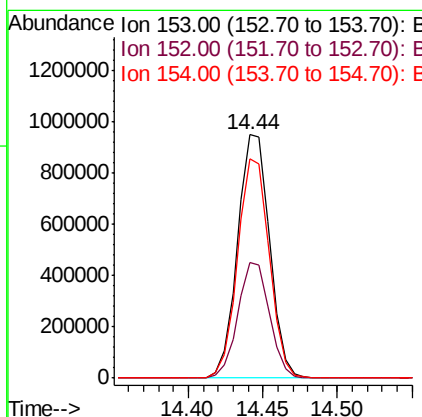
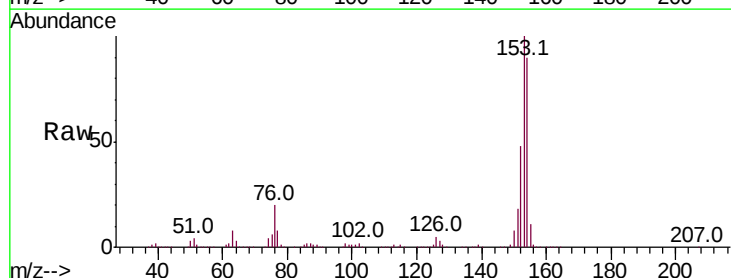
Instrument :
BNA_N
ClientSampleId :
A4264MSD

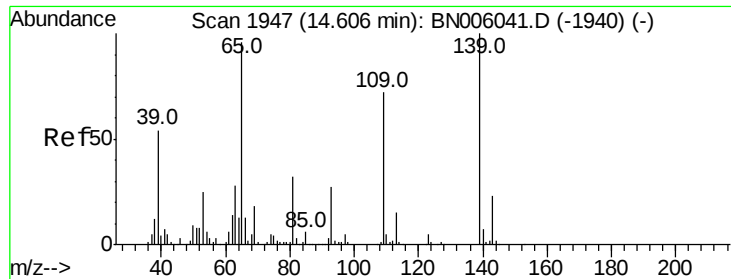
Tot Ion:163 Resp: 647117
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.6 8.2 12.4



#49
Acenaphthene
Concen: 24.230 ng/ul
RT: 14.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BN006048.D
Acq: 03 Jun 2019 21:48

Tgt Ion:153 Resp: 1416462
Ion Ratio Lower Upper
153 100
152 47.7 37.4 56.2
154 90.3 70.7 106.1





#52

4-Nitrophenol

Concen: 19.740 ng/ul

RT: 14.60 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BN006048.D

Acq: 03 Jun 2019 21:48

Instrument :

BNA_N

ClientSampleId :

A4264MSD

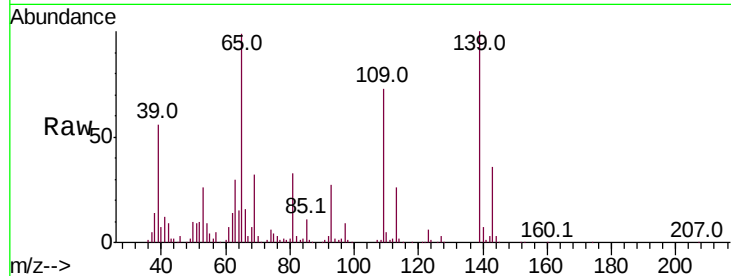
Tot Ion:109 Resp: 189208

Ion Ratio Lower Upper

109 100

139 136.4 111.8 167.6

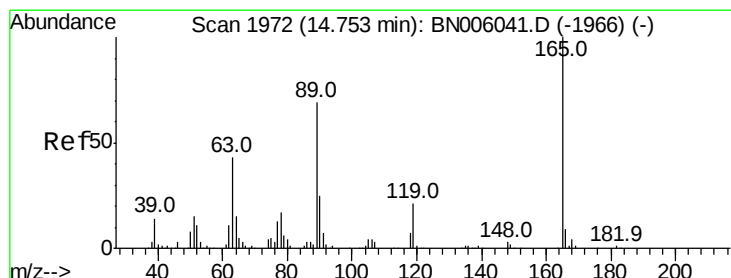
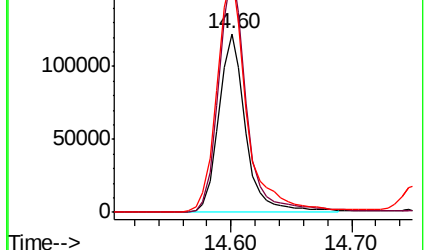
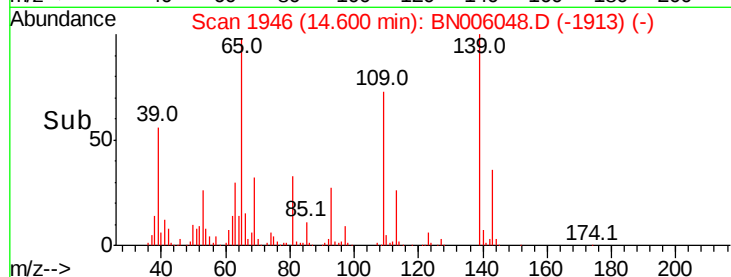
65 134.4 108.5 162.7



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: 25.321 ng/ul

RT: 14.75 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BN006048.D

Acq: 03 Jun 2019 21:48

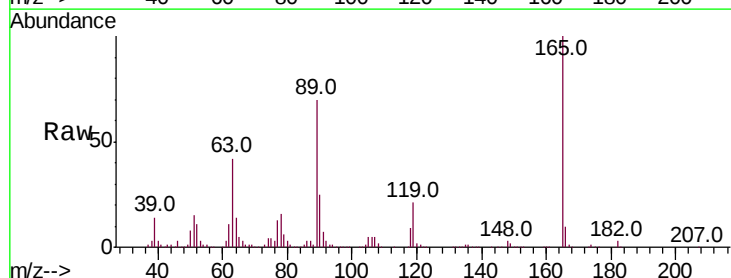
Tgt Ion:165 Resp: 501314

Ion Ratio Lower Upper

165 100

63 41.7 36.0 54.0

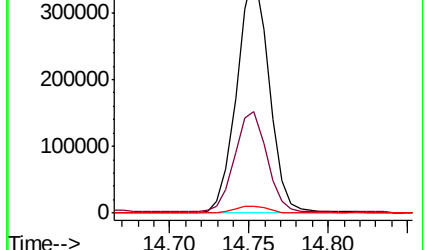
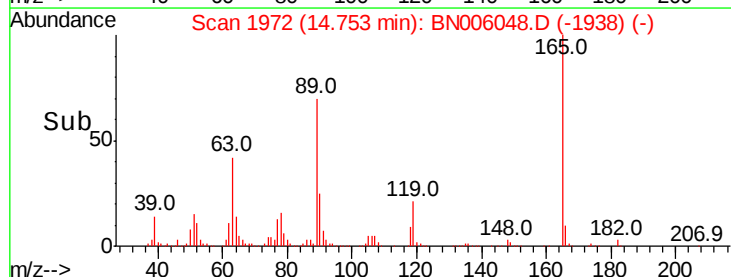
182 2.7 2.4 3.6

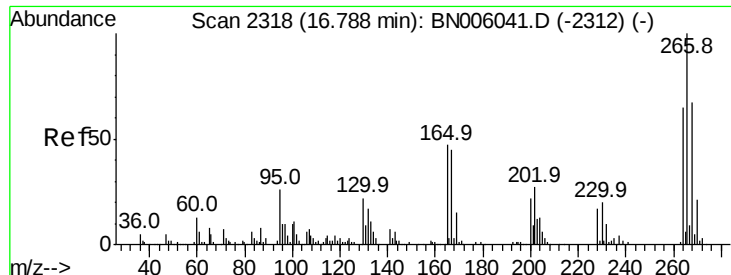


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

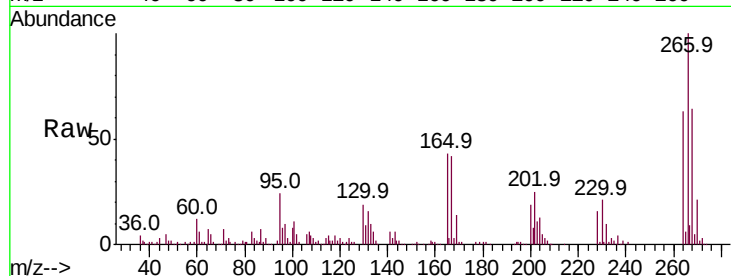




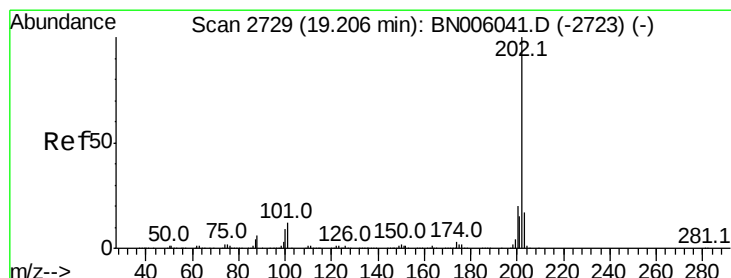
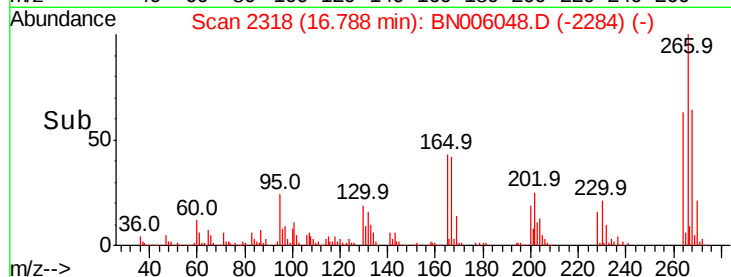
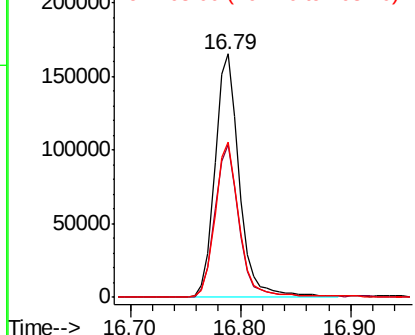
#68
 Pentachlorophenol
 Concen: 21.963 ng/ul
 RT: 16.79 min Scan# 2318
 Delta R.T. 0.00 min
 Lab File: BN006048.D
 Acq: 03 Jun 2019 21:48

Instrument :
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 A4264MSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.8	76.2
268	63.7	50.7	76.1

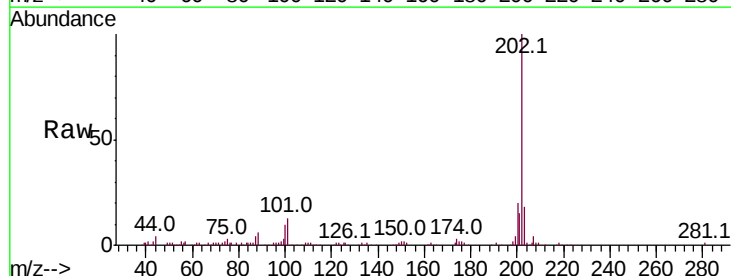


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

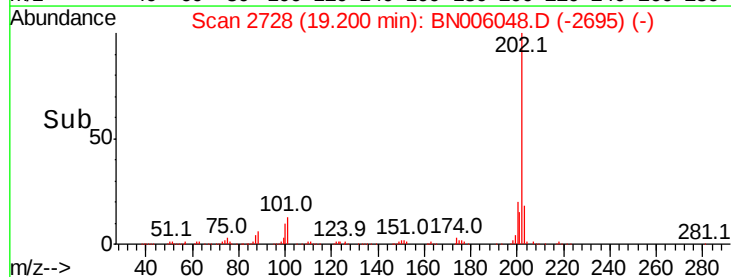
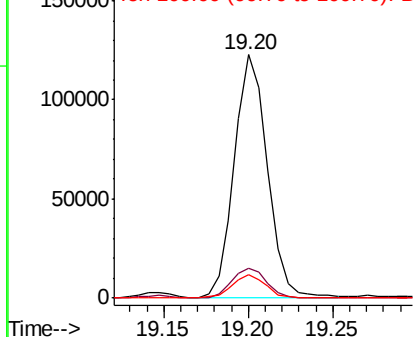


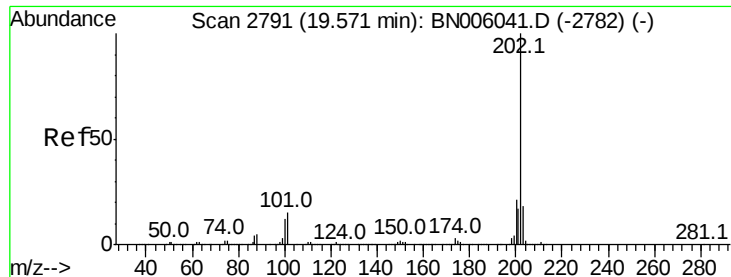
#76
 Fluoranthene
 Concen: 1.806 ng/ul
 RT: 19.20 min Scan# 2728
 Delta R.T. -0.01 min
 Lab File: BN006048.D
 Acq: 03 Jun 2019 21:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
100	9.9	7.1	10.7



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





#79

Pvrene

Concen: 26.493 ng/ul

RT: 19.57 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BN006048.D

Acq: 03 Jun 2019 21:48

Instrument :

BNA_N

ClientSampleId :

A4264MSD

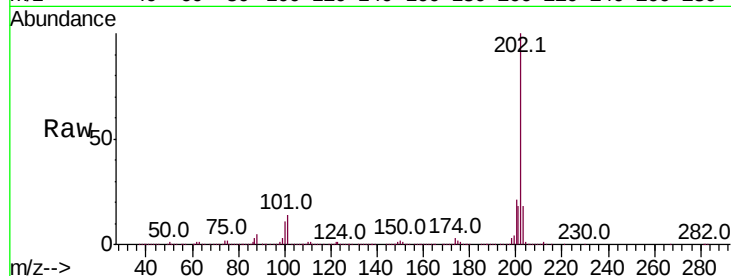
Tot Ion:202 Resp: 2661610

Ion Ratio Lower Upper

202 100

101 14.3 11.6 17.4

100 11.3 9.4 14.2



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

2500000

2000000

1500000

1000000

500000

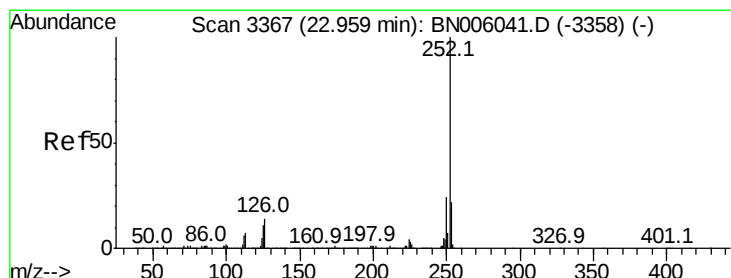
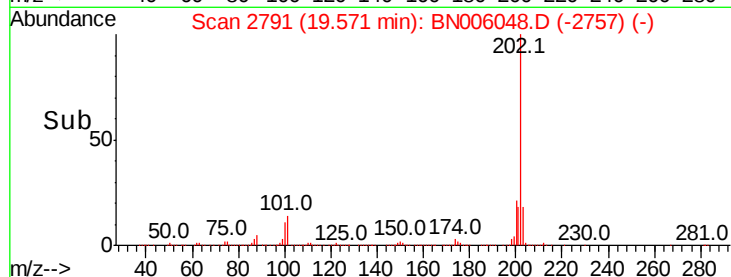
0

19.57

19.50

19.60

Time-->



#87

Benzo(b)fluoranthene

Concen: 1.175 ng/ul

RT: 22.95 min Scan# 3366

Delta R.T. 0.00 min

Lab File: BN006048.D

Acq: 03 Jun 2019 21:48

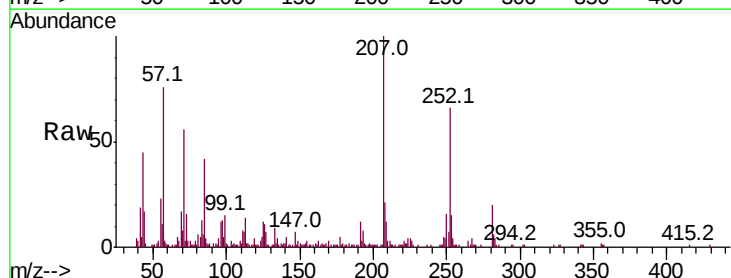
Tgt Ion:252 Resp: 93636

Ion Ratio Lower Upper

252 100

253 23.2 17.3 25.9

125 17.6 8.5 12.7#



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

50000

40000

30000

20000

10000

0

22.95

22.90

23.00

Time-->

