

Data File : BN009916.D
Acq On : 26 Feb 2020 00:44
Operator : CG/JU
Sample : L1568-11MSD
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDB2MSD

Quant Time: Feb 26 07:58:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	90858	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	361658	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	215193	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	459451	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	458517	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	457805	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	13231	5.99	ng/uL	0.00
5) Phenol-d5	6.59	99	254133	32.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	188749	35.39	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	207531	35.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	180421	29.35	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	101361	38.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	115529	39.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	200472	36.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	191593	30.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	614256	38.22	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	731518	38.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	94214	32.09	ng/ul	0.00
58) Fluorene-d10	15.03	176	537718	38.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	89117	31.22	ng/ul	0.00
71) Anthracene-d10	16.88	188	833813	39.59	ng/ul	0.00
79) Pyrene-d10	19.19	212	949829	39.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	989566	43.28	ng/ul	0.00

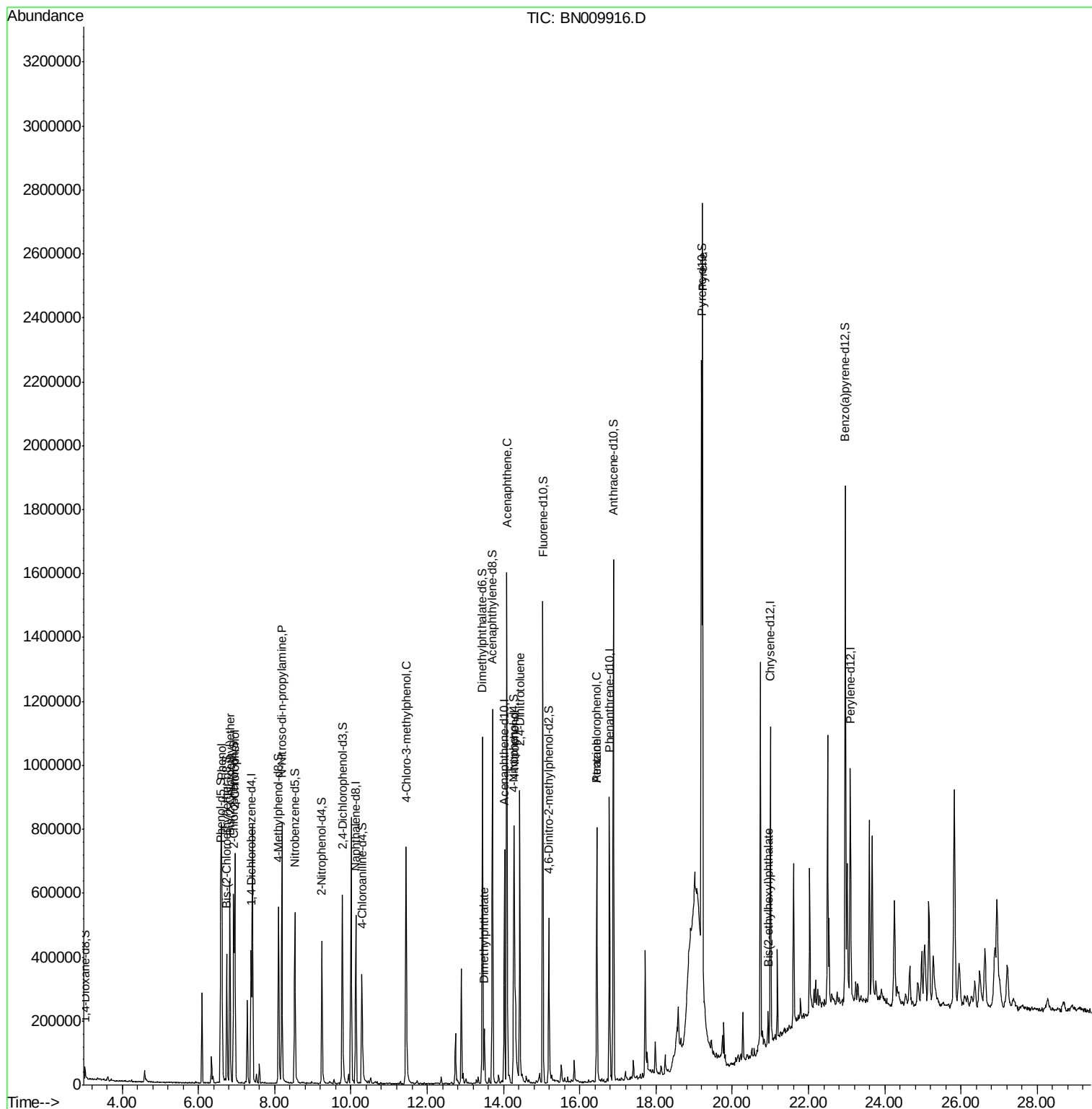
Target Compounds				Qvalue		
6) Phenol	6.61	94	326847	39.466	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.83	93	190860	29.322	ng/ul#	12
10) 2-Chlorophenol	6.96	128	243010	39.652	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.19	70	218578	41.760	ng/ul	98
33) 4-Chloro-3-methylphenol	11.45	107	274171	42.709	ng/ul	98
45) Dimethylphthalate	13.50	163	96234	5.738	ng/ul	99
50) Acenaphthene	14.09	153	574867	40.927	ng/ul	100
53) 4-Nitrophenol	14.29	109	116420	43.951	ng/ul	90
55) 2,4-Dinitrotoluene	14.43	165	207003	42.539	ng/ul#	78
68) Atrazine	16.45	200	18705	3.617	ng/ul#	33
69) Pentachlorophenol	16.45	266	122441	41.649	ng/ul	97
80) Pyrene	19.22	202	1395429	42.213	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	20.94	149	26401	1.272	ng/ul	93

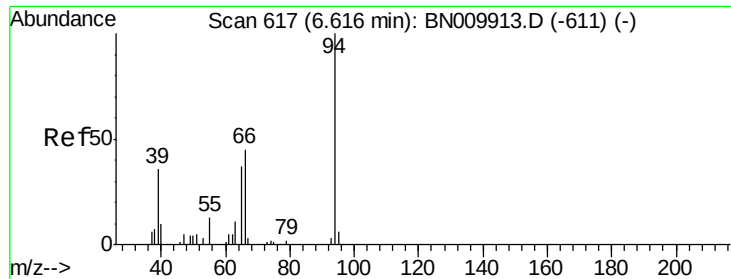
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 39.466 ng/ul

RT: 6.61 min Scan# 616

Delta R.T. -0.01 min

Lab File: BN009916.D

Acq: 26 Feb 2020 00:44

Instrument :

BNA_N

ClientSampleId :

DBDB2MSD

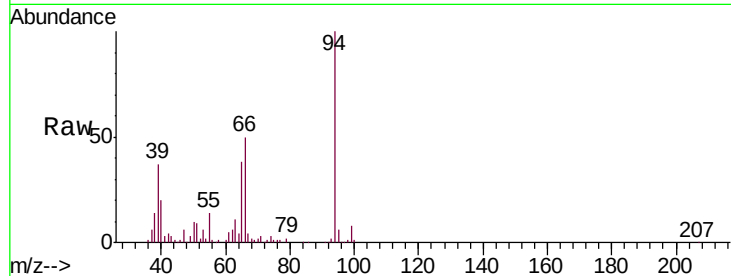
Tgt Ion: 94 Resp: 326847

Ion Ratio Lower Upper

94 100

65 38.2 27.6 41.4

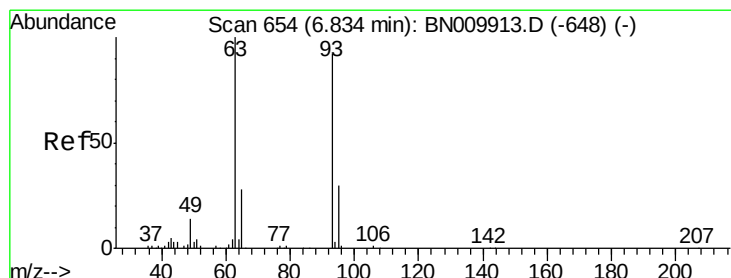
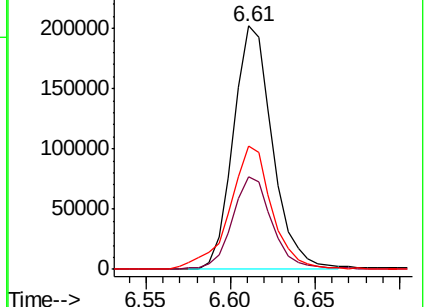
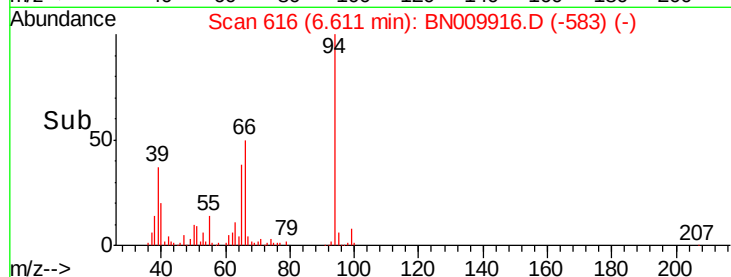
66 50.4 38.5 57.7



Abundance Ion 94.00 (93.70 to 94.70): BN009916.D (-583) (-)

Ion 65.00 (64.70 to 65.70): BN009916.D (-583) (-)

Ion 66.00 (65.70 to 66.70): BN009916.D (-583) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 29.322 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BN009916.D

Acq: 26 Feb 2020 00:44

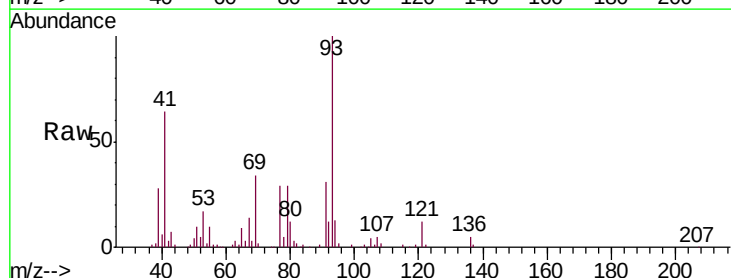
Tgt Ion: 93 Resp: 190860

Ion Ratio Lower Upper

93 100

63 2.9 82.7 124.1#

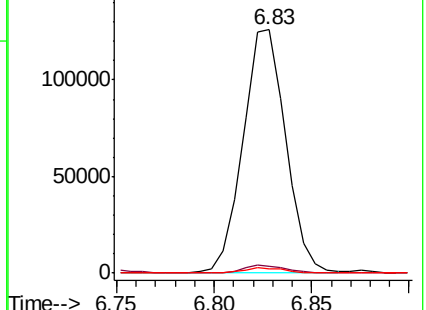
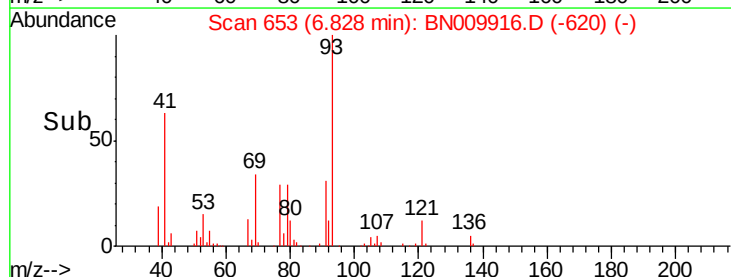
95 1.9 26.6 40.0#

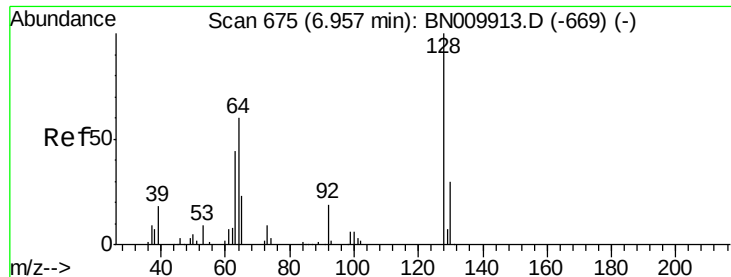


Abundance Ion 93.00 (92.70 to 93.70): BN009916.D (-620) (-)

Ion 63.00 (62.70 to 63.70): BN009916.D (-620) (-)

Ion 95.00 (94.70 to 95.70): BN009916.D (-620) (-)

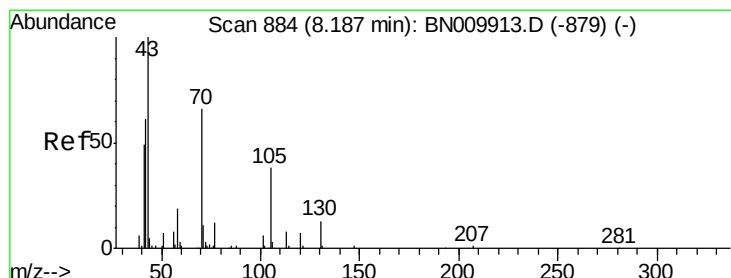
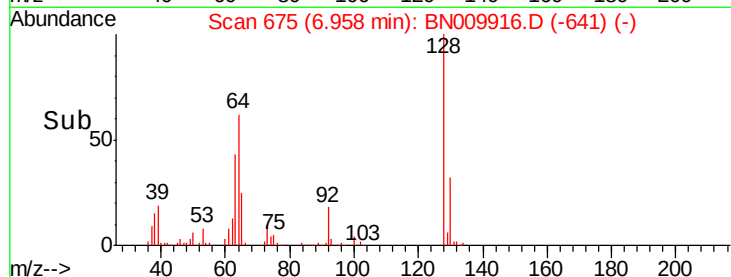
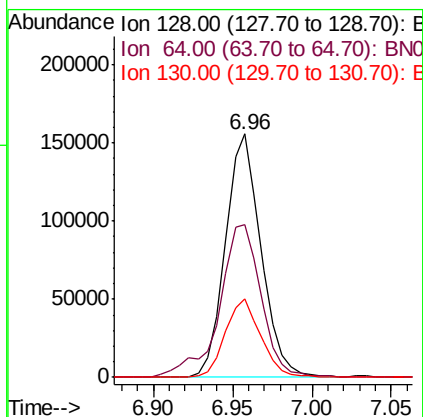
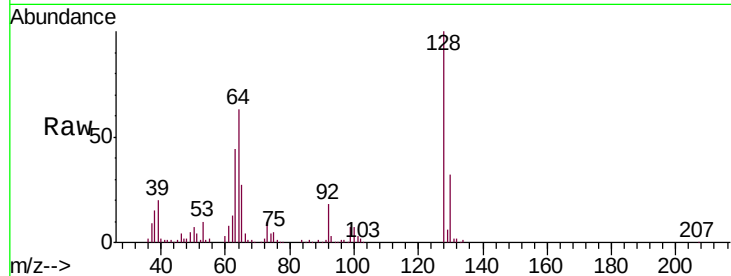




#10
 2-Chlorophenol
 Concen: 39.652 ng/ul
 RT: 6.96 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BN009916.D
 Acq: 26 Feb 2020 00:44

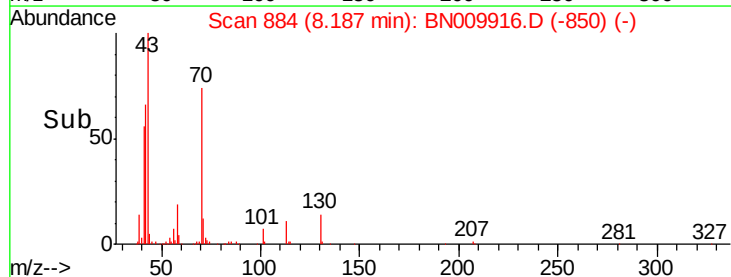
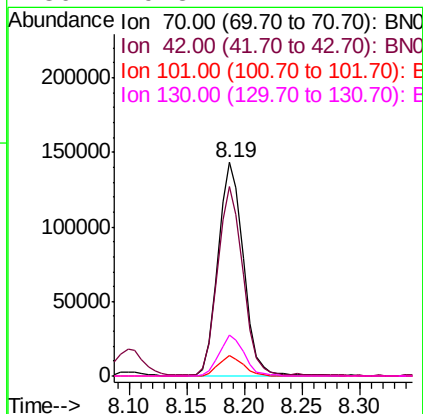
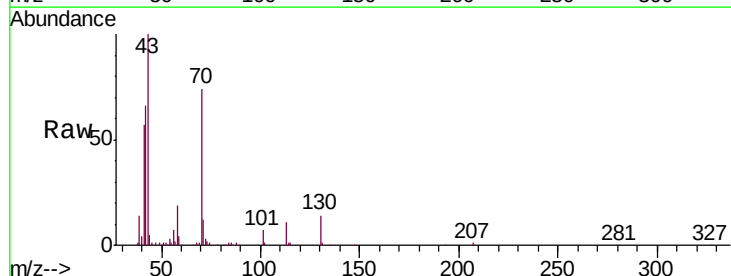
Instrument :
 BNA_N
 ClientSampleId :
 DBDB2MSD

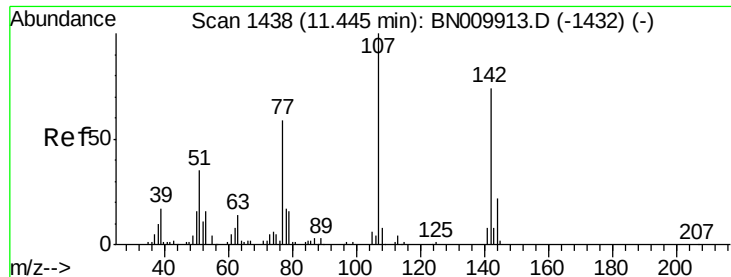
Tgt Ion:128 Resp: 243010
 Ion Ratio Lower Upper
 128 100
 64 62.8 52.5 78.7
 130 32.1 24.4 36.6



#15
 N-Nitroso-di-n-propylamine
 Concen: 41.760 ng/ul
 RT: 8.19 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BN009916.D
 Acq: 26 Feb 2020 00:44

Tgt Ion: 70 Resp: 218578
 Ion Ratio Lower Upper
 70 100
 42 88.4 72.6 108.8
 101 9.4 7.7 11.5
 130 19.3 14.7 22.1

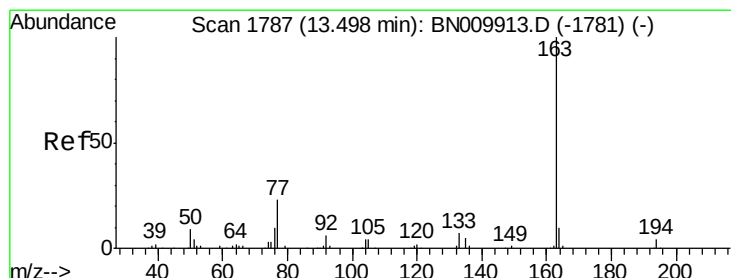
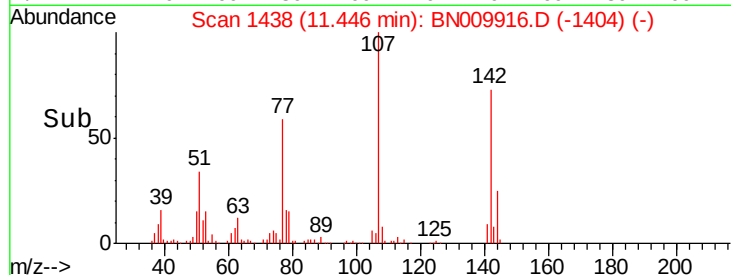
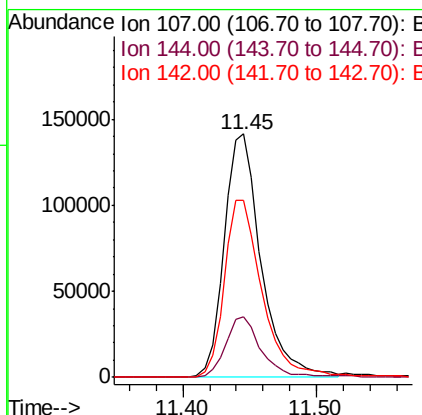
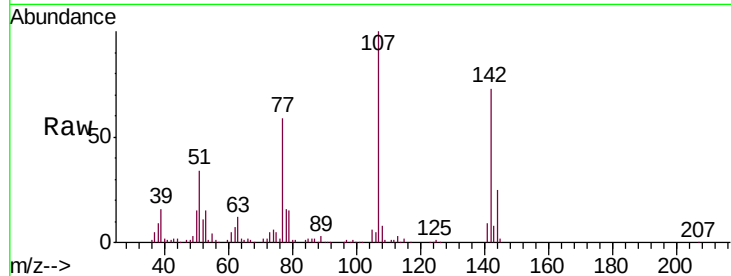




#33
 4-Chloro-3-methylphenol
 Concen: 42.709 ng/ul
 RT: 11.45 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BN009916.D
 Acq: 26 Feb 2020 00:44

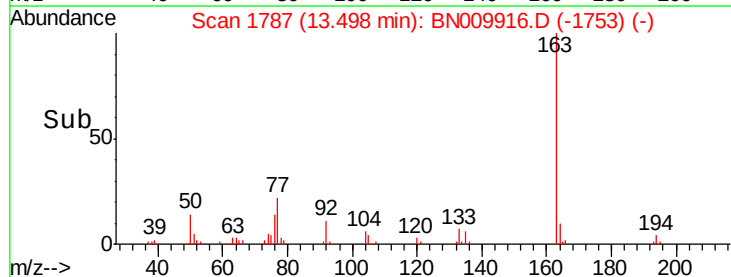
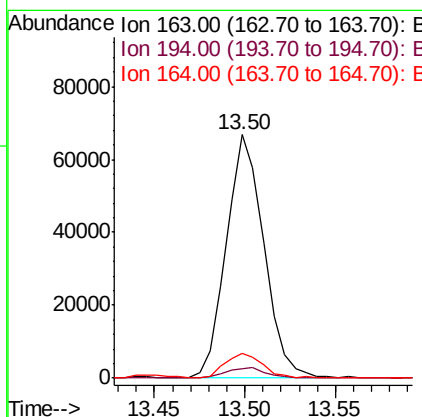
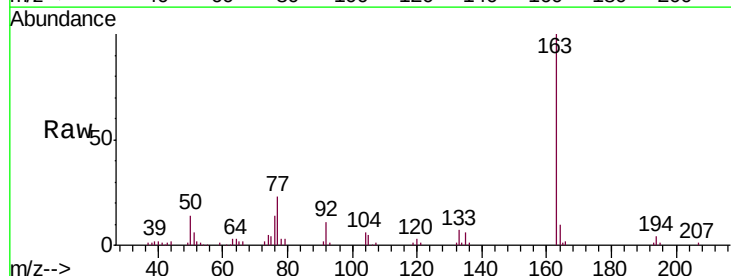
Instrument :
 BNA_N
 ClientSampleId :
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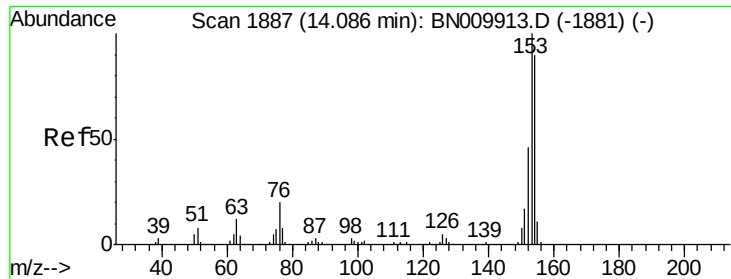
Tgt Ion:107 Resp: 274171
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.3 28.9
 142 72.6 59.5 89.3



#45
 Dimethylphthalate
 Concen: 5.738 ng/ul
 RT: 13.50 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BN009916.D
 Acq: 26 Feb 2020 00:44

Tgt Ion:163 Resp: 96234
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.4 5.0
 164 10.2 8.0 12.0





#50

Acenaphthene

Concen: 40.927 ng/ul

RT: 14.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BN009916.D

Acq: 26 Feb 2020 00:44

Instrument :

BNA_N

ClientSampleId :

DBDB2MSD

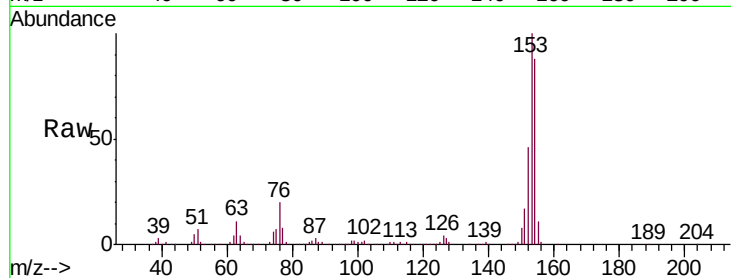
Tgt Ion:153 Resp: 574867

Ion Ratio Lower Upper

153 100

152 46.4 36.6 54.8

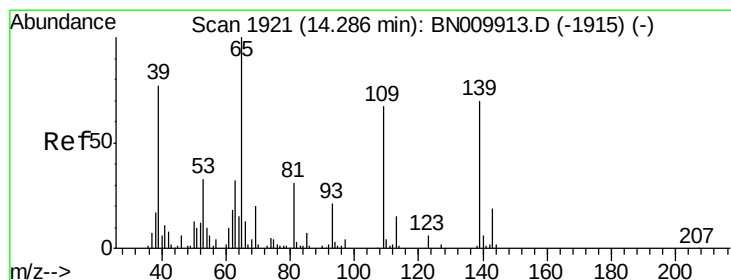
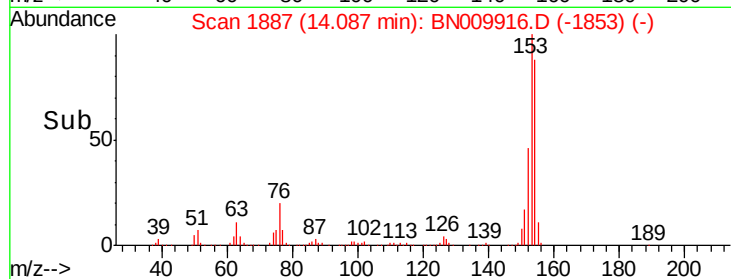
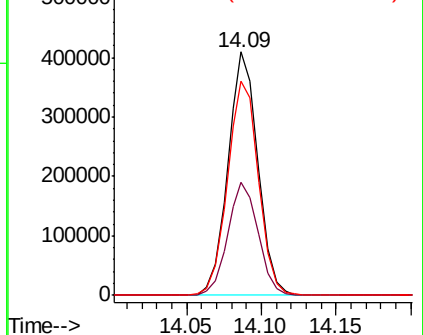
154 88.2 70.6 106.0



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



#53

4-Nitrophenol

Concen: 43.951 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BN009916.D

Acq: 26 Feb 2020 00:44

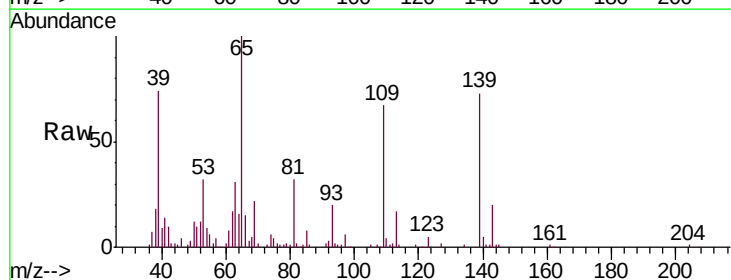
Tgt Ion:109 Resp: 116420

Ion Ratio Lower Upper

109 100

139 109.1 96.3 144.5

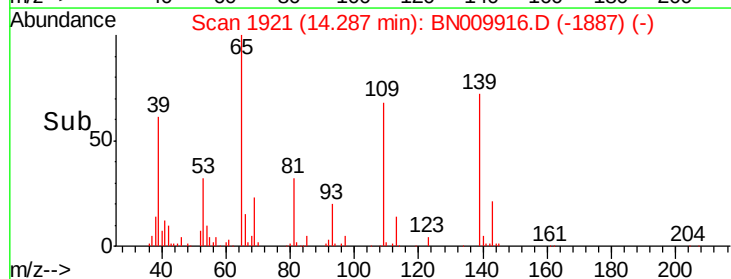
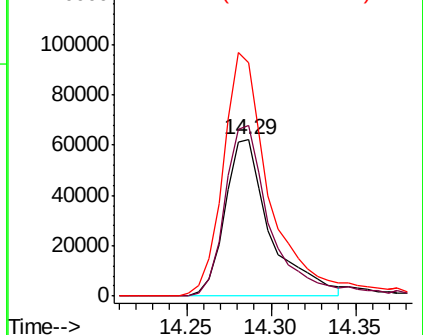
65 149.3 129.9 194.9

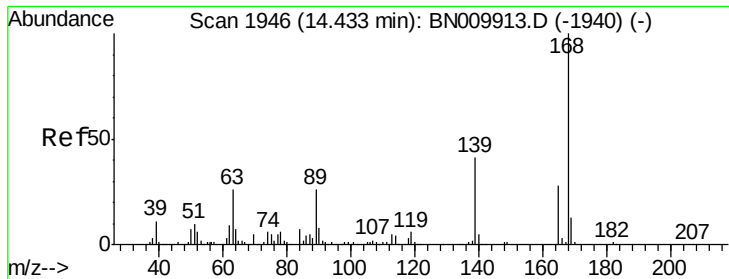


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO

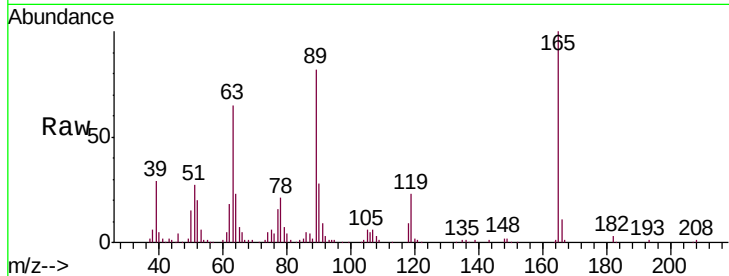




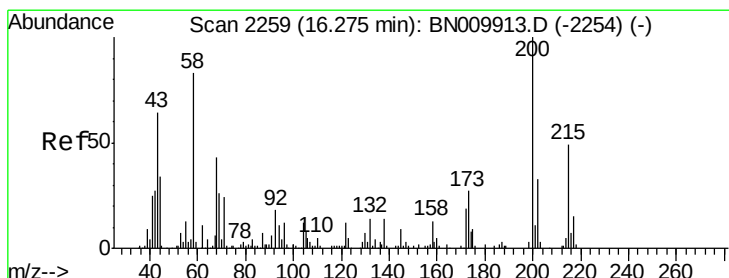
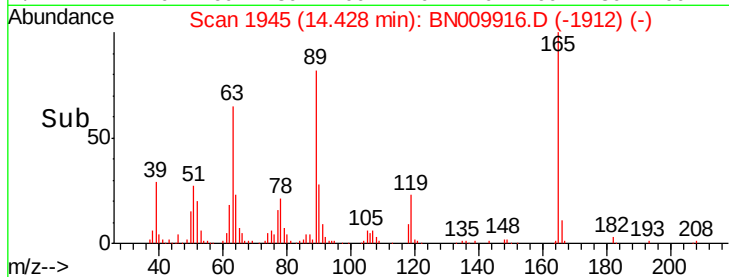
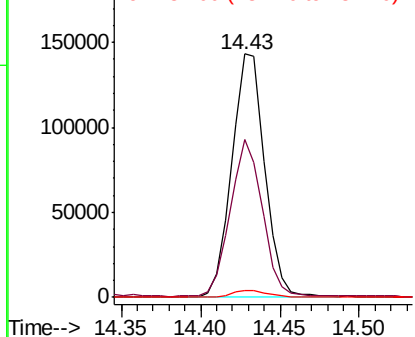
#55
 2,4-Dinitrotoluene
 Concen: 42.539 ng/ul
 RT: 14.43 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BN009916.D
 Acq: 26 Feb 2020 00:44

Instrument :
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 DBDB2MSD

Tgt Ion:165 Resp: 207003
 Ion Ratio Lower Upper
 165 100
 63 64.7 68.3 102.5#
 182 2.8 2.2 3.4

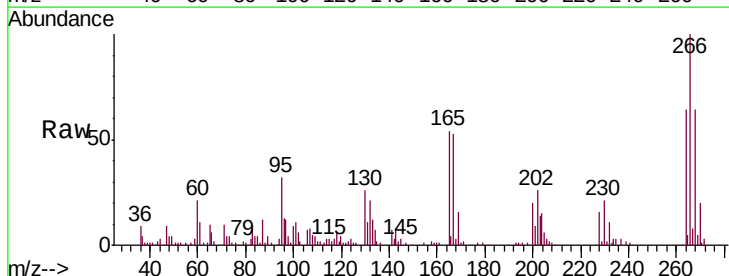


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BN
 Ion 182.00 (181.70 to 182.70): E

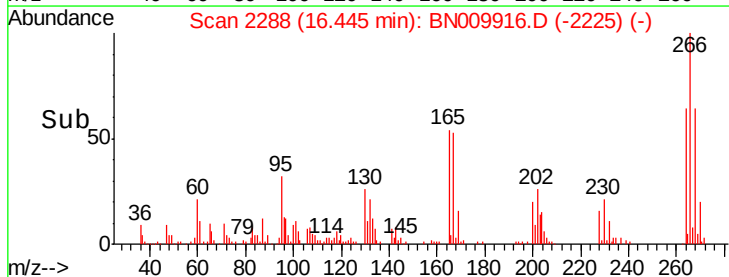
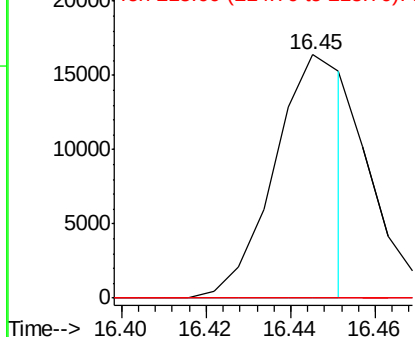


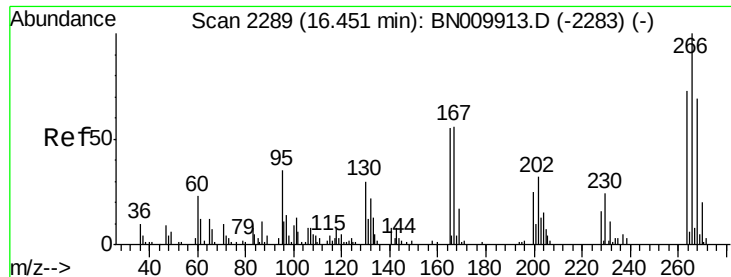
#68
 Atrazine
 Concen: 3.617 ng/ul
 RT: 16.45 min Scan# 2288
 Delta R.T. 0.17 min
 Lab File: BN009916.D
 Acq: 26 Feb 2020 00:44

Tgt Ion:200 Resp: 18705
 Ion Ratio Lower Upper
 200 100
 173 0.0 22.1 33.1#
 215 0.0 41.6 62.4#



Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

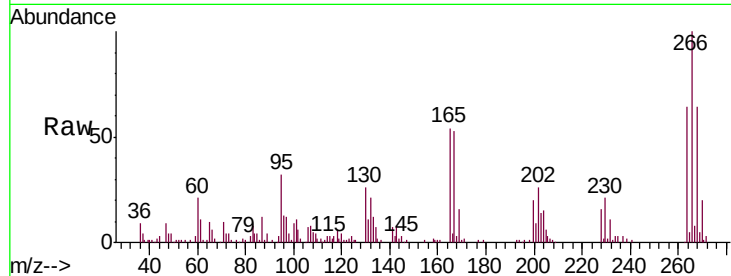




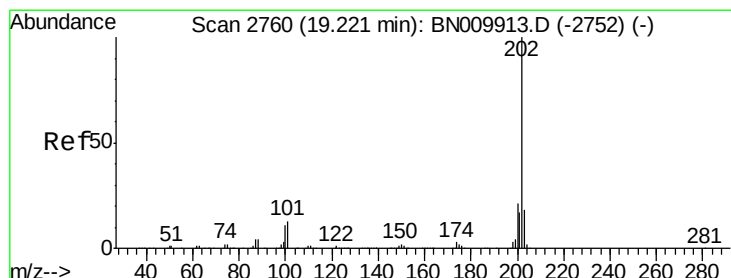
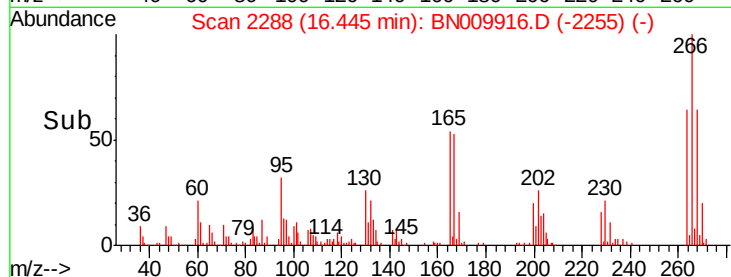
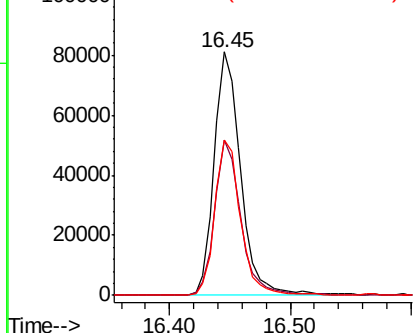
#69
 Pentachlorophenol
 Concen: 41.649 ng/ul
 RT: 16.45 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BN009916.D
 Acq: 26 Feb 2020 00:44

Instrument :
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Tgt Ion:266 Resp: 122441
 Ion Ratio Lower Upper
 266 100
 264 63.9 52.9 79.3
 268 63.5 52.5 78.7

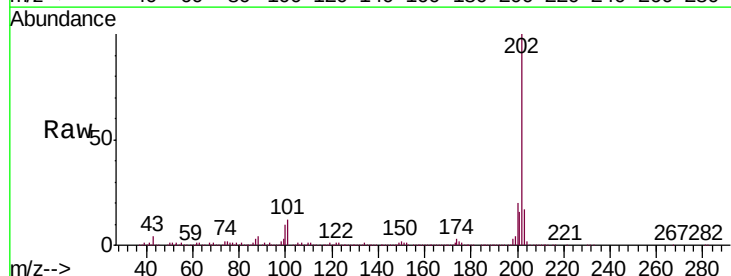


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

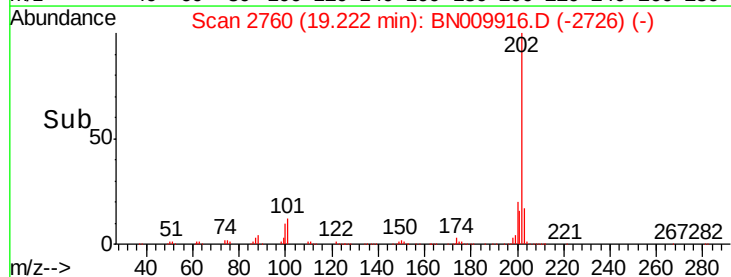
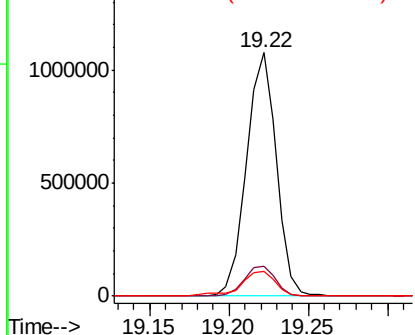


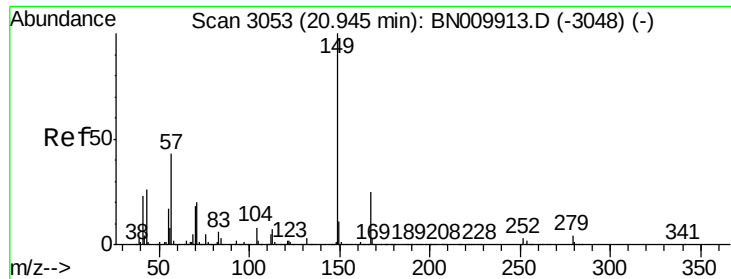
#80
 Pyrene
 Concen: 42.213 ng/ul
 RT: 19.22 min Scan# 2760
 Delta R.T. 0.00 min
 Lab File: BN009916.D
 Acq: 26 Feb 2020 00:44

Tgt Ion:202 Resp: 1395429
 Ion Ratio Lower Upper
 202 100
 101 12.2 11.3 16.9
 100 10.4 9.0 13.6



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.272 ng/ul

RT: 20.94 min Scan# 3052

Delta R.T. -0.01 min

Lab File: BN009916.D

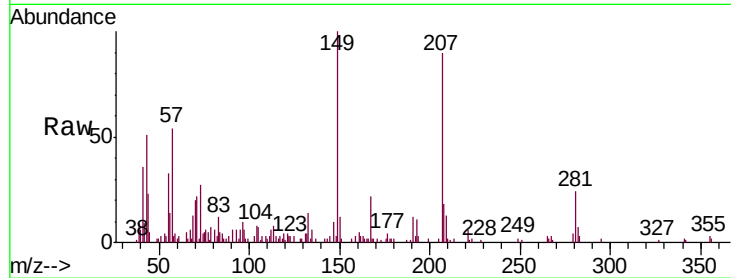
Acq: 26 Feb 2020 00:44

Instrument :

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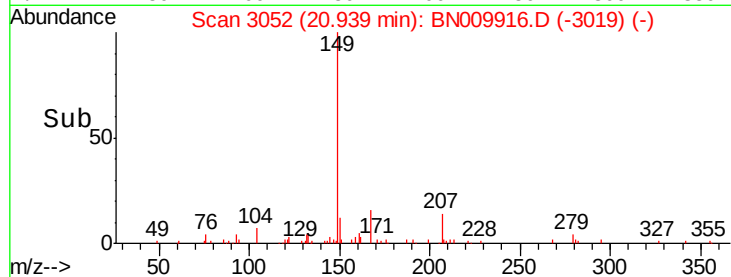
Tgt Ion:149 Resp: 26401

Ion Ratio Lower Upper

149 100

167 22.1 21.0 31.6

279 4.2 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

