

Data File : BN010047.D
Acq On : 02 Mar 2020 19:25
Operator : CG/JU
Sample : L1619-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDT7MS

Quant Time: Mar 03 01:07:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 01:05:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	94781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	429462	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	281639	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	593696	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	520293	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	572087	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	4182	1.81	ng/uL	0.00
5) Phenol-d5	6.58	99	82961	10.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	60885	10.94	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	64969	10.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	59028	9.20	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	32164	10.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	34483	10.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	65840	9.96	ng/ul	0.01
29) 4-Chloroaniline-d4	10.29	131	63584	8.56	ng/ul	0.02
44) Dimethylphthalate-d6	13.44	166	254486	12.10	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	280775	11.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	31064	8.09	ng/ul	0.01
58) Fluorene-d10	15.02	176	220440	12.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	28967	7.85	ng/ul	0.00
71) Anthracene-d10	16.87	188	340535	12.51	ng/ul	0.00
79) Pyrene-d10	19.17	212	369752	13.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	366403	12.83	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.60	94	96068	11.120	ng/ul 95
10) 2-Chlorophenol	6.94	128	65253	10.207	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.18	70	61649	11.291	ng/ul 94
33) 4-Chloro-3-methylphenol	11.44	107	86665	11.369	ng/ul 97
45) Dimethylphthalate	13.49	163	33129	1.509	ng/ul 99
48) Acenaphthylene	13.73	152	39730	1.482	ng/ul 98
50) Acenaphthene	14.07	153	203792	11.086	ng/ul 98
53) 4-Nitrophenol	14.29	109	32514	9.379	ng/ul 88
55) 2,4-Dinitrotoluene	14.43	165	71042	11.155	ng/ul# 80
69) Pentachlorophenol	16.44	266	33322	8.772	ng/ul 97
70) Phenanthrene	16.90	178	68857	2.032	ng/ul 98
72) Anthracene	16.90	178	68857	1.988	ng/ul 99
77) Fluoranthene	18.84	202	900929	22.700	ng/ul 99
80) Pyrene	19.20	202	1168646	31.155	ng/ul 97
83) Benzo(a)anthracene	20.97	228	628234	17.571	ng/ul 94
85) Chrysene	21.00	228	278808	7.921	ng/ul 91
88) Benzo(b)fluoranthene	22.47	252	1442840	38.899	ng/ul 97
89) Benzo(k)fluoranthene	22.47	252	1442840	41.081	ng/ul 99
91) Benzo(a)pyrene	23.00	252	580411	17.398	ng/ul 100
92) Indeno(1,2,3-cd)pyrene	25.12	276	227493	5.744	ng/ul 92
94) Benzo(g,h,i)perylene	25.73	276	149227	4.493	ng/ul 97

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Quantitation Report (Not Reviewed)

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Quant Time: Mar 03 01:07:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 01:05:31 2020
Response via : Initial Calibration

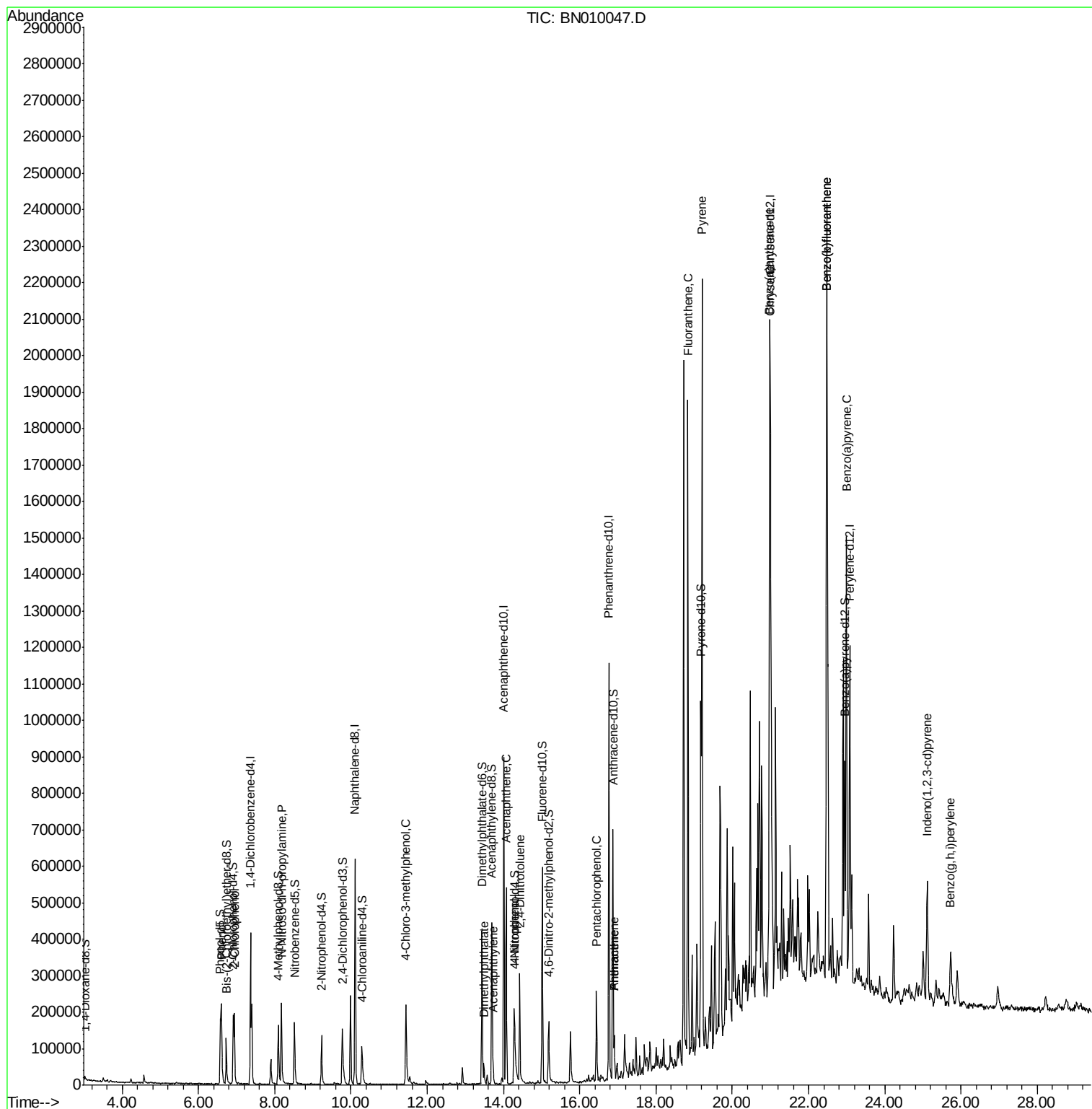
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

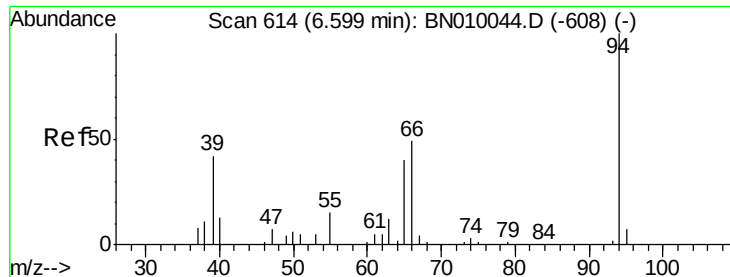
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Response via : Initial Calibration





#6

Phenol

Concen: 11.120 ng/ul

RT: 6.60 min Scan# 615

Delta R.T. 0.01 min

Lab File: BN010047.D

Acq: 02 Mar 2020 19:25

Instrument :

BNA_N

ClientSampleId :

DBDT7MS

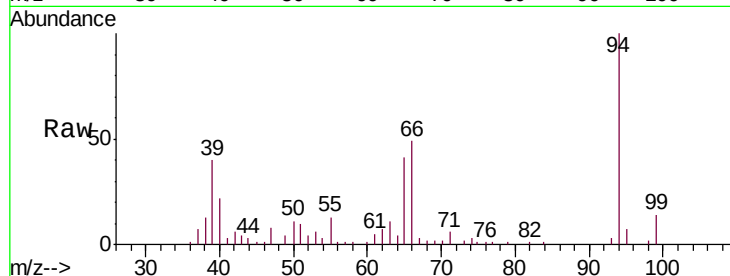
Tgt Ion: 94 Resp: 96068

Ion Ratio Lower Upper

94 100

65 40.9 27.6 41.4

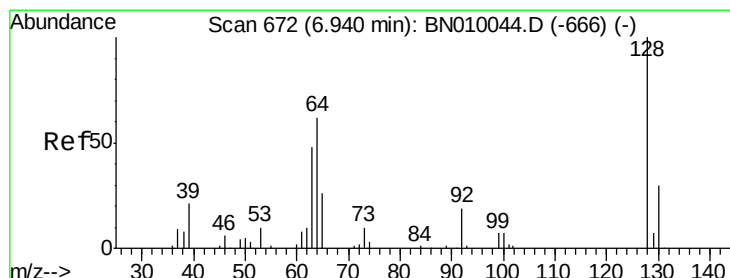
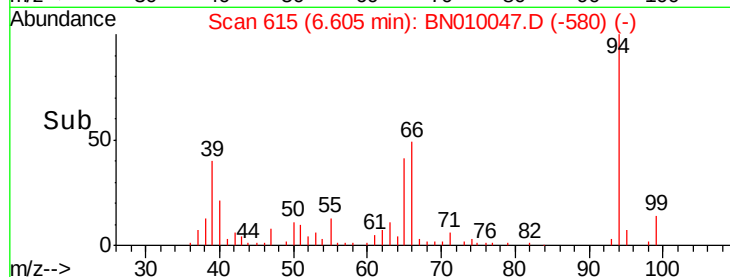
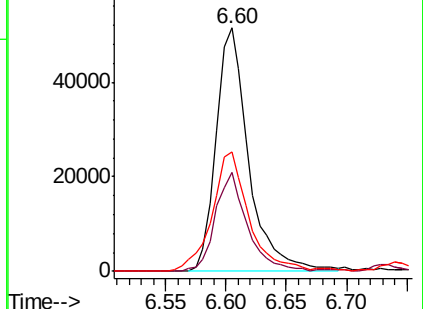
66 48.9 38.5 57.7



Abundance Ion 94.00 (93.70 to 94.70): BN010044.D (-608) (-)

Ion 65.00 (64.70 to 65.70): BN010044.D (-608) (-)

Ion 66.00 (65.70 to 66.70): BN010044.D (-608) (-)



#10

2-Chlorophenol

Concen: 10.207 ng/ul

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BN010047.D

Acq: 02 Mar 2020 19:25

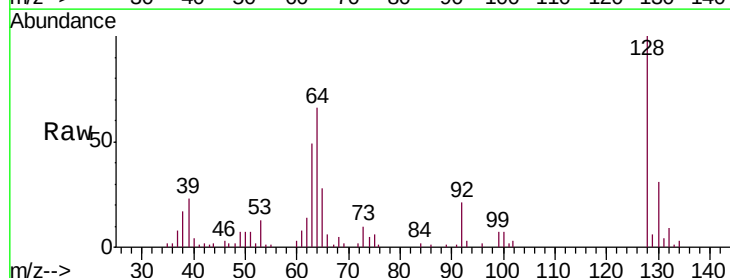
Tgt Ion: 128 Resp: 65253

Ion Ratio Lower Upper

128 100

64 66.5 52.5 78.7

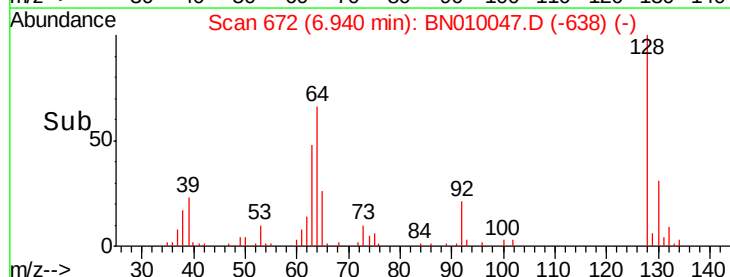
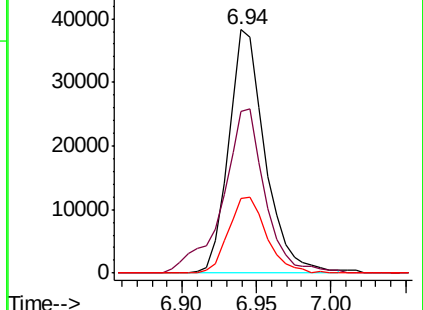
130 30.7 24.4 36.6

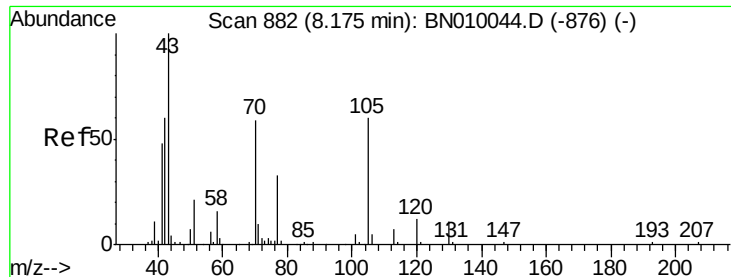


Abundance Ion 128.00 (127.70 to 128.70): BN010044.D (-666) (-)

Ion 64.00 (63.70 to 64.70): BN010044.D (-666) (-)

Ion 130.00 (129.70 to 130.70): BN010044.D (-666) (-)

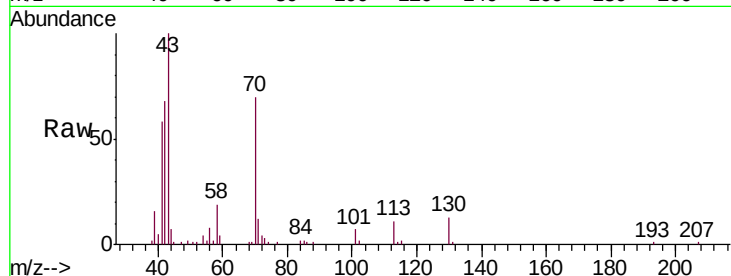




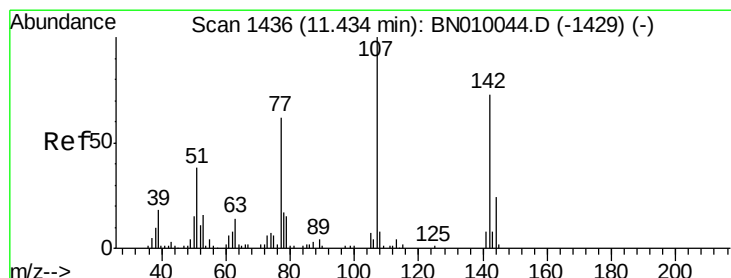
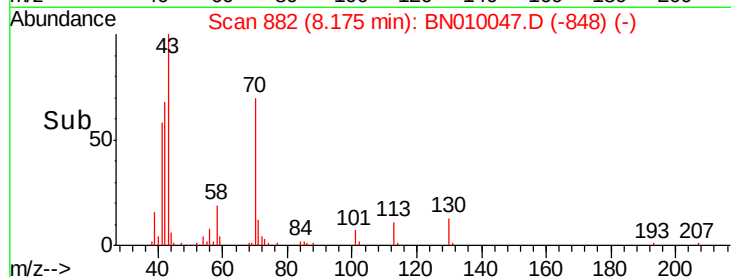
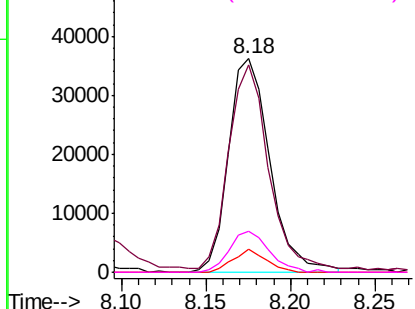
#15
N-Nitroso-di-n-propylamine
Concen: 11.291 ng/ul
RT: 8.18 min Scan# 882
Delta R.T. 0.00 min
Lab File: BN010047.D
Acq: 02 Mar 2020 19:25

Instrument :
BNA_N
ClientSampleId :
DBDT7MS

Tgt Ion:	70	Resp:	61649
Ion	Ratio	Lower	Upper
70	100		
42	97.1	72.6	108.8
101	10.6	7.7	11.5
130	19.1	14.7	22.1

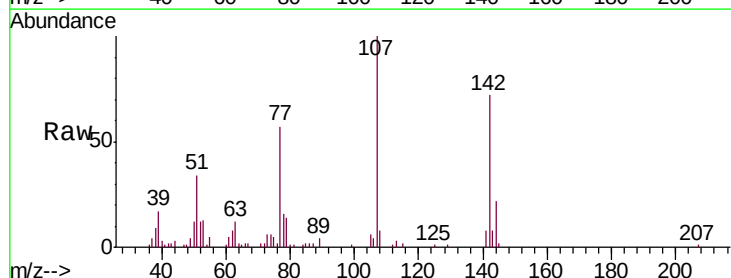


Abundance Ion 70.00 (69.70 to 70.70): BN010044.D (-876) (-)
Ion 42.00 (41.70 to 42.70): BN010044.D (-876) (-)
Ion 101.00 (100.70 to 101.70): BN010044.D (-876) (-)
Ion 130.00 (129.70 to 130.70): BN010044.D (-876) (-)

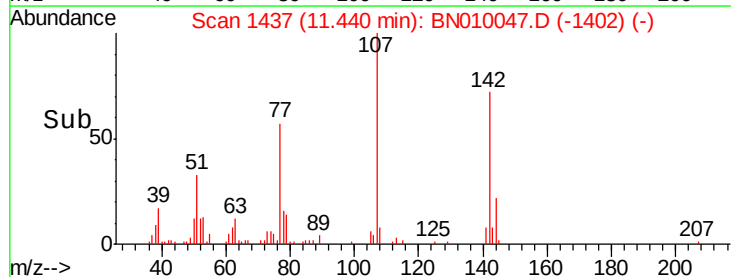
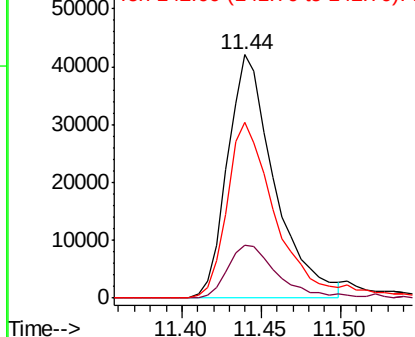


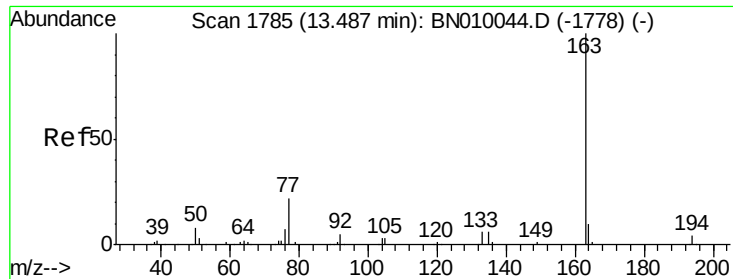
#33
4-Chloro-3-methylphenol
Concen: 11.369 ng/ul
RT: 11.44 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BN010047.D
Acq: 02 Mar 2020 19:25

Tgt Ion:	107	Resp:	86665
Ion	Ratio	Lower	Upper
107	100		
144	21.9	19.3	28.9
142	72.3	59.5	89.3



Abundance Ion 107.00 (106.70 to 107.70): BN010044.D (-1429) (-)
Ion 144.00 (143.70 to 144.70): BN010044.D (-1429) (-)
Ion 142.00 (141.70 to 142.70): BN010044.D (-1429) (-)





#45

Dimethylphthalate

Concen: 1.509 ng/ul

RT: 13.49 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BN010047.D

Acq: 02 Mar 2020 19:25

Instrument :

BNA_N

ClientSampleId :

DBDT7MS

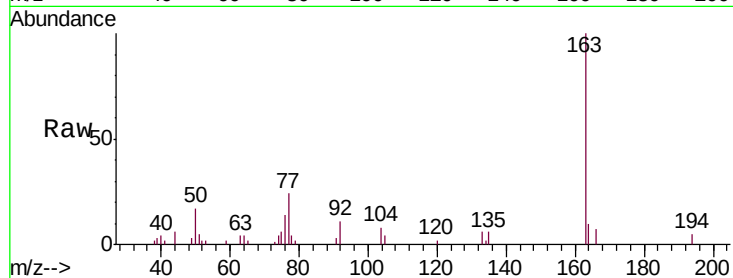
Tgt Ion:163 Resp: 33129

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.0

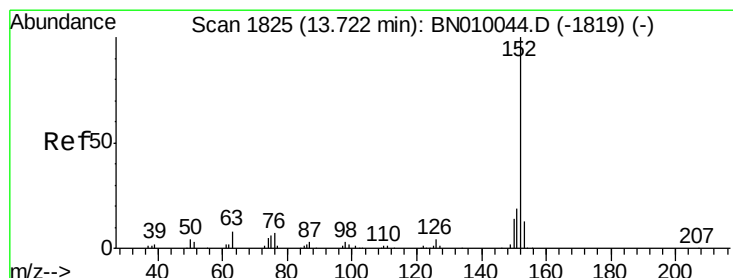
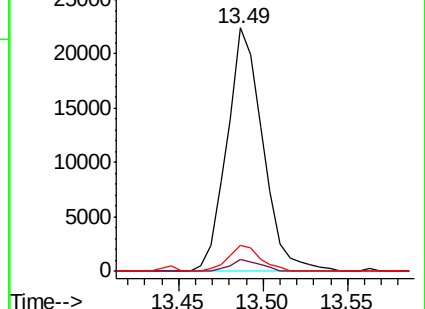
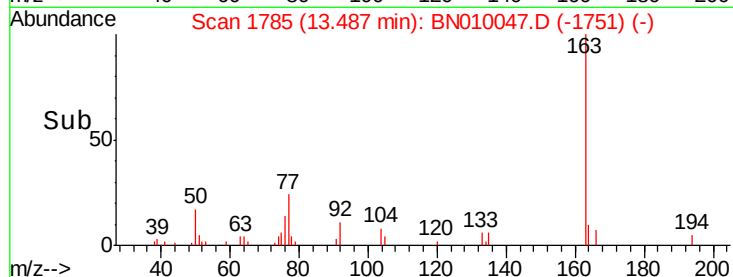
164 10.4 8.0 12.0



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



#48

Acenaphthylene

Concen: 1.482 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BN010047.D

Acq: 02 Mar 2020 19:25

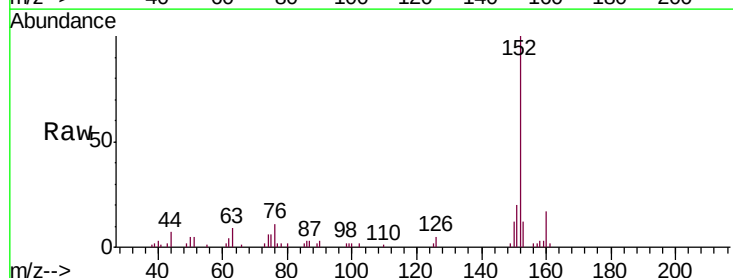
Tgt Ion:152 Resp: 39730

Ion Ratio Lower Upper

152 100

151 20.1 15.7 23.5

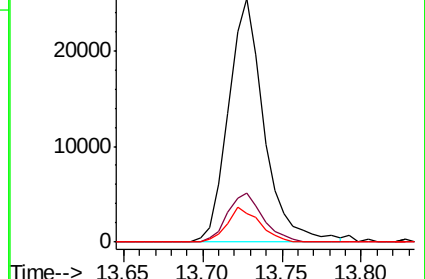
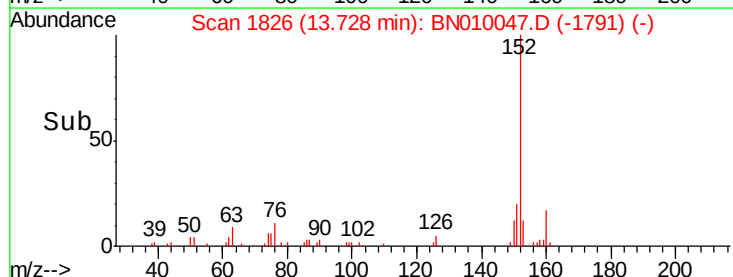
153 11.9 10.3 15.5

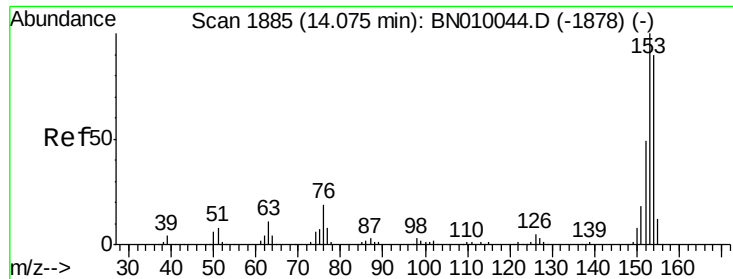


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Acenaphthene

Concen: 11.086 ng/ul

RT: 14.07 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BN010047.D

Acq: 02 Mar 2020 19:25

Instrument :

BNA_N

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DBDT7MS

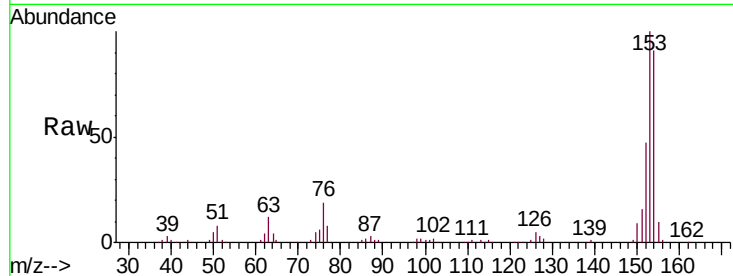
Tgt Ion:153 Resp: 203792

Ion Ratio Lower Upper

153 100

152 46.7 36.6 54.8

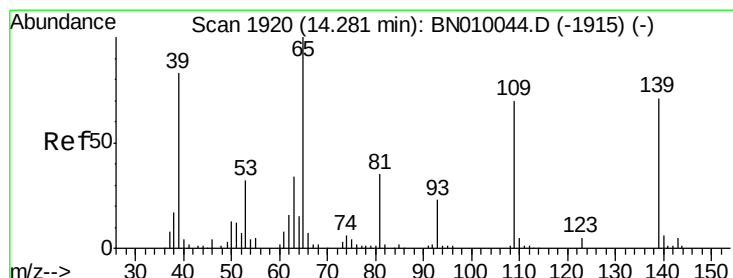
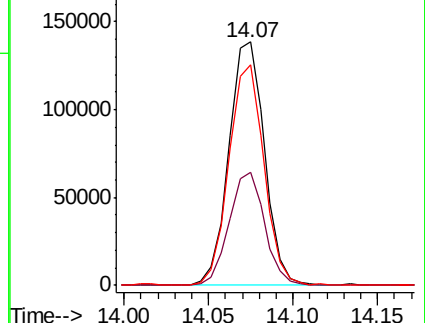
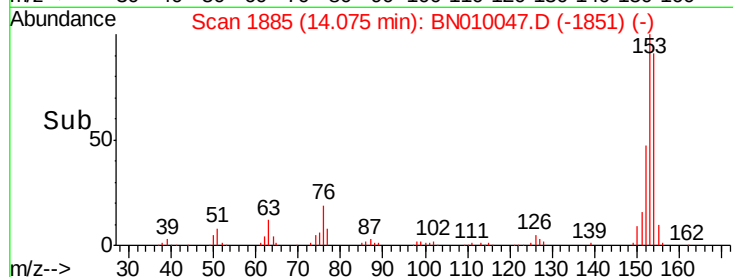
154 90.7 70.6 106.0



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: 9.379 ng/ul

RT: 14.29 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BN010047.D

Acq: 02 Mar 2020 19:25

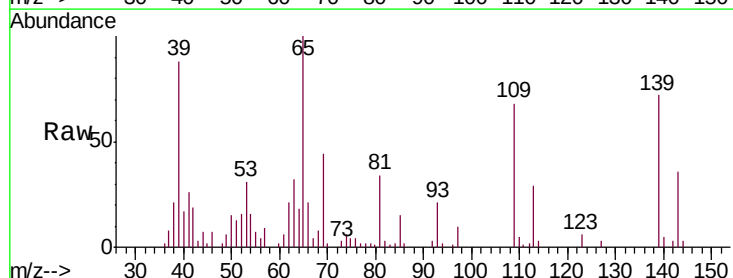
Tgt Ion:109 Resp: 32514

Ion Ratio Lower Upper

109 100

139 105.4 96.3 144.5

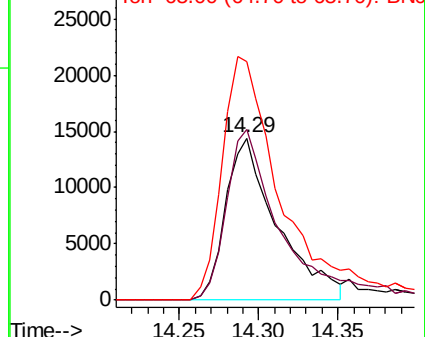
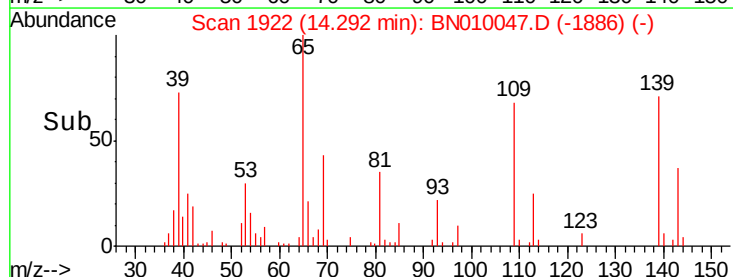
65 147.1 129.9 194.9

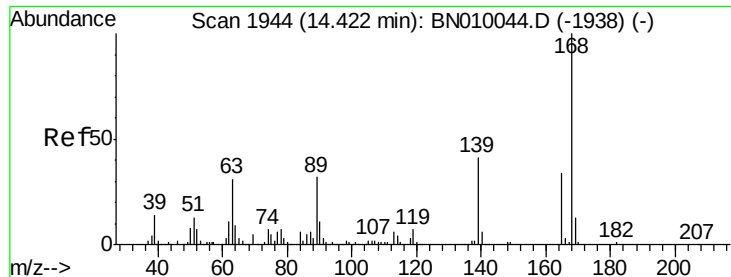


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO

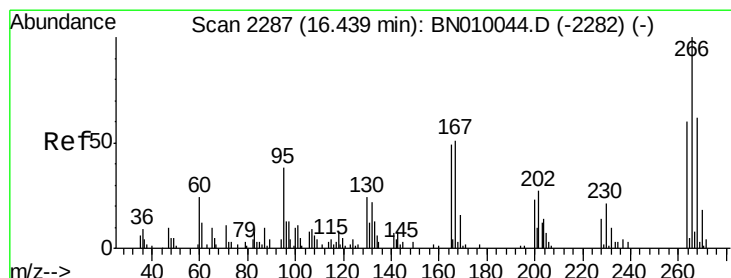
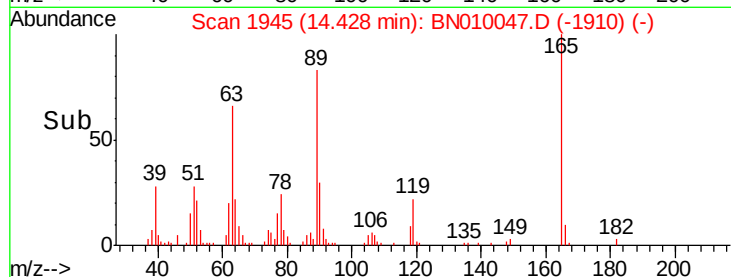
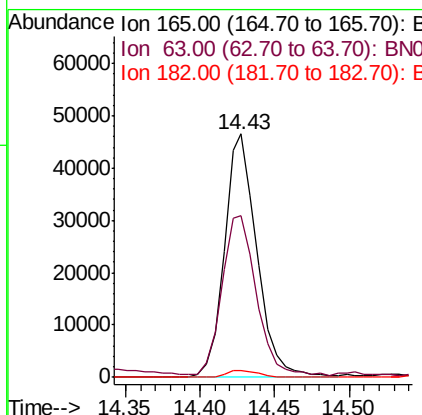
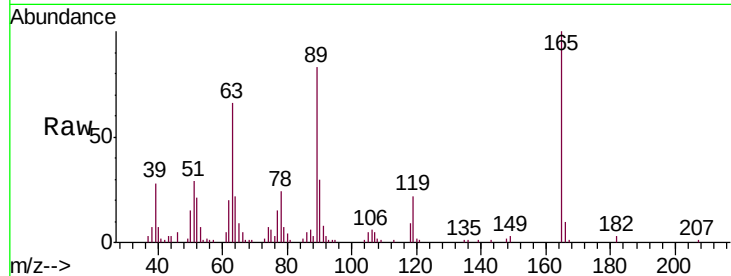




#55
 2,4-Dinitrotoluene
 Concen: 11.155 ng/ul
 RT: 14.43 min Scan# 1945
 Delta R.T. 0.01 min
 Lab File: BN010047.D
 Acq: 02 Mar 2020 19:25

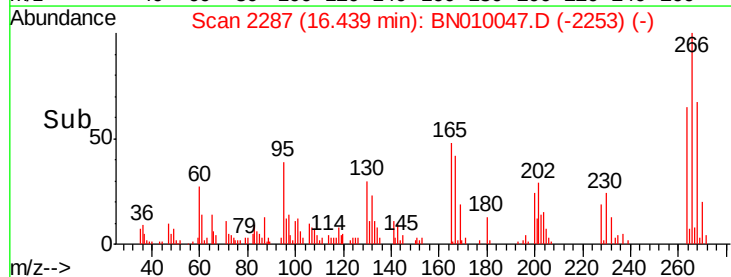
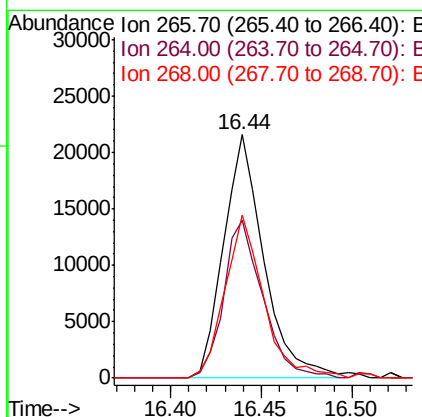
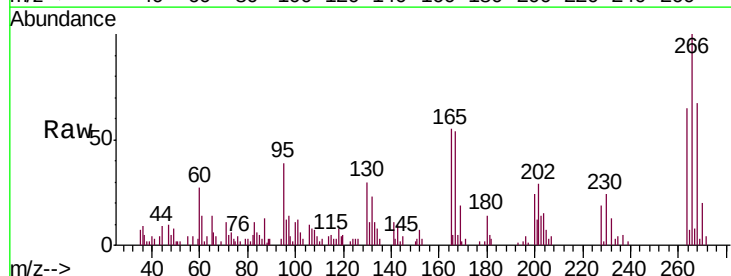
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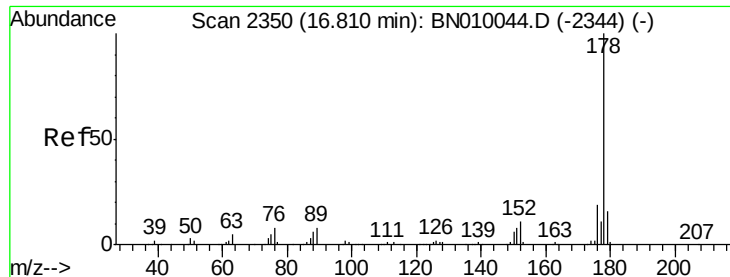
Tgt Ion:165 Resp: 71042
 Ion Ratio Lower Upper
 165 100
 63 66.3 68.3 102.5#
 182 3.0 2.2 3.4



#69
 Pentachlorophenol
 Concen: 8.772 ng/ul
 RT: 16.44 min Scan# 2287
 Delta R.T. 0.00 min
 Lab File: BN010047.D
 Acq: 02 Mar 2020 19:25

Tgt Ion:266 Resp: 33322
 Ion Ratio Lower Upper
 266 100
 264 65.0 52.9 79.3
 268 70.0 52.5 78.7





#70

Phenanthrene

Concen: 2.032 ng/ul

RT: 16.90 min Scan# 2366

Delta R.T. 0.09 min

Lab File: BN010047.D

Acq: 02 Mar 2020 19:25

Instrument :

BNA_N

ClientSampleId :

DBDT7MS

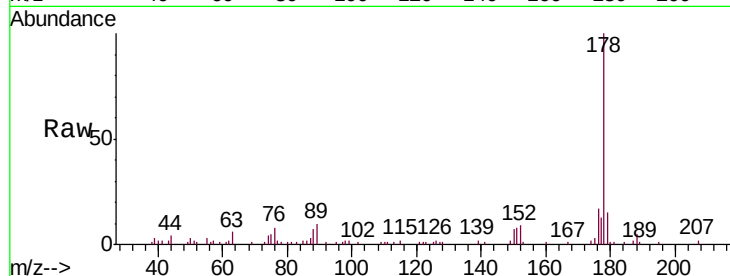
Tgt Ion:178 Resp: 68857

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

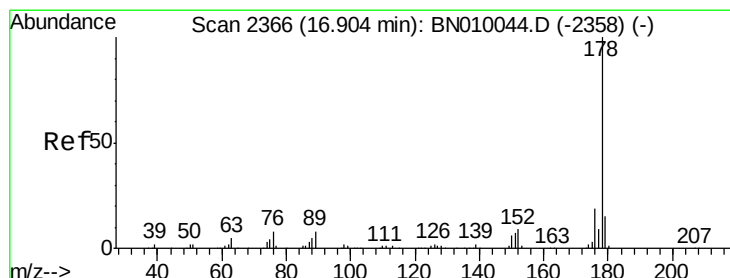
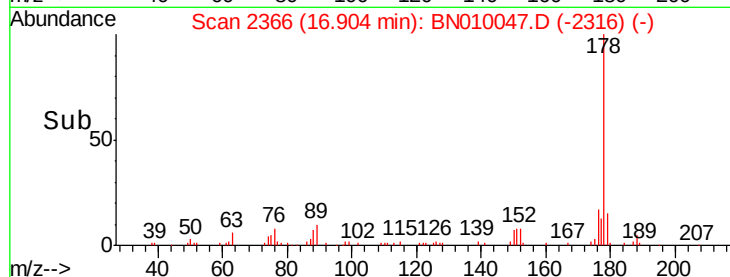
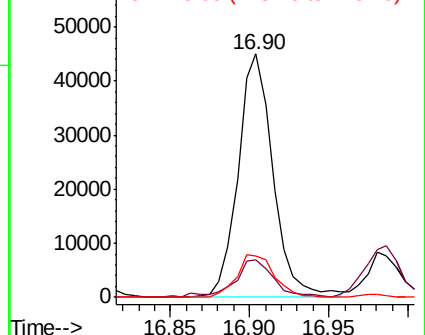
176 17.2 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 1.988 ng/ul

RT: 16.90 min Scan# 2366

Delta R.T. 0.00 min

Lab File: BN010047.D

Acq: 02 Mar 2020 19:25

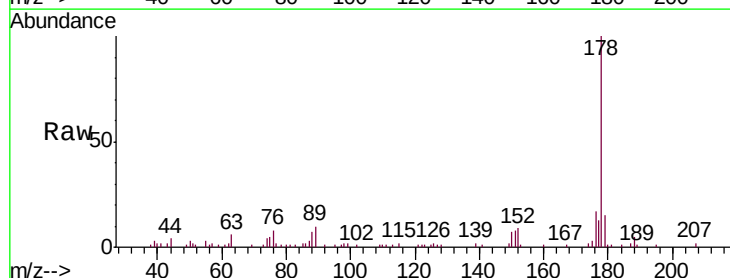
Tgt Ion:178 Resp: 68857

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

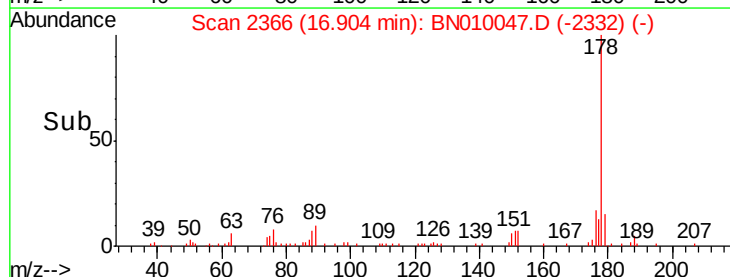
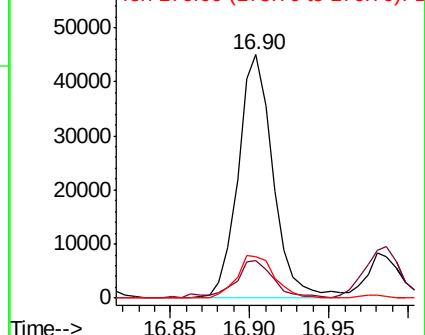
176 17.2 14.6 21.8

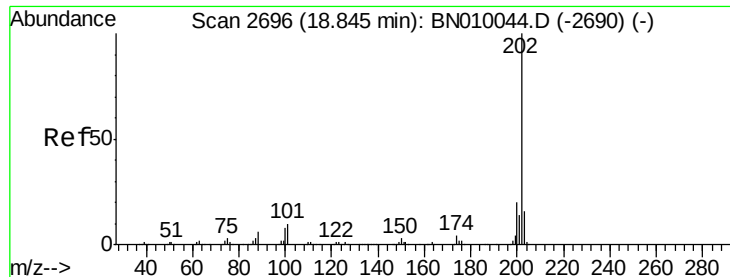


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 22.700 ng/ul

RT: 18.84 min Scan# 2695

Delta R.T. -0.01 min

Lab File: BN010047.D

Acq: 02 Mar 2020 19:25

Instrument :

BNA_N

ClientSampleId :

DBDT7MS

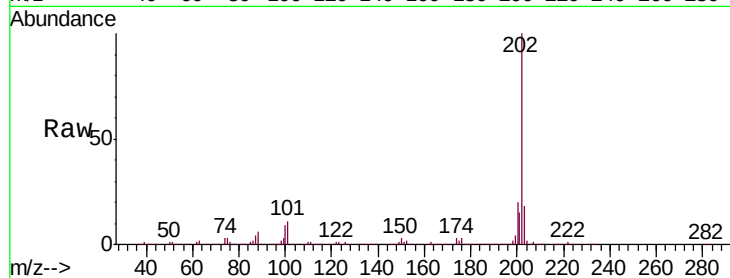
Tgt Ion:202 Resp: 900929

Ion Ratio Lower Upper

202 100

101 11.3 9.4 14.2

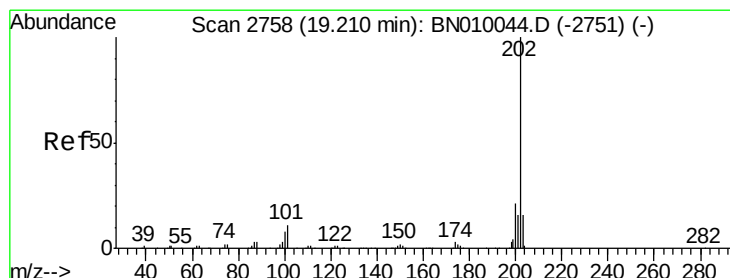
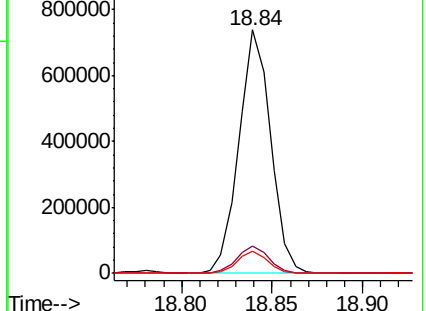
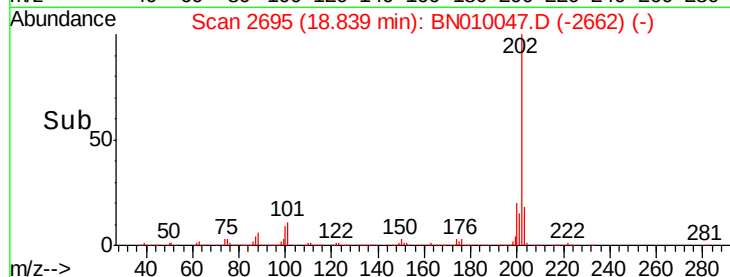
100 8.9 7.2 10.8



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



#80

Pyrene

Concen: 31.155 ng/ul

RT: 19.20 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BN010047.D

Acq: 02 Mar 2020 19:25

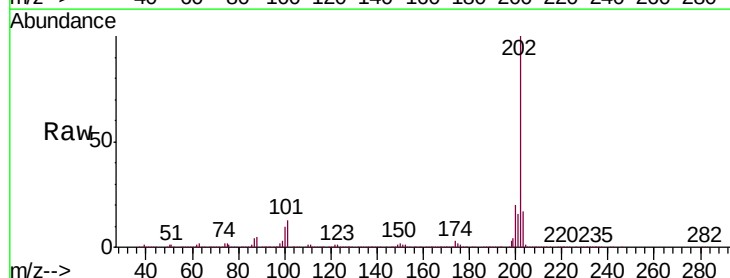
Tgt Ion:202 Resp: 1168646

Ion Ratio Lower Upper

202 100

101 12.6 11.3 16.9

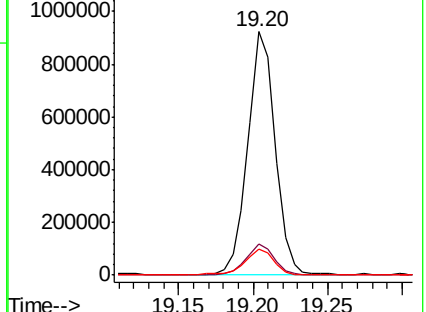
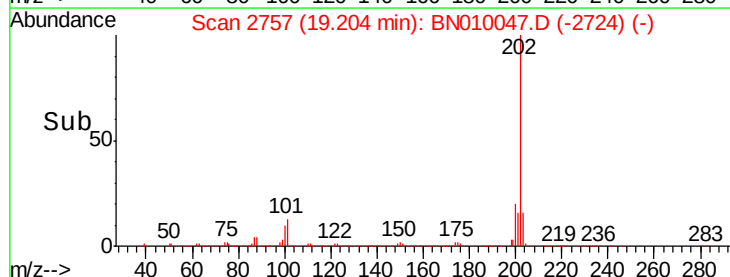
100 10.5 9.0 13.6

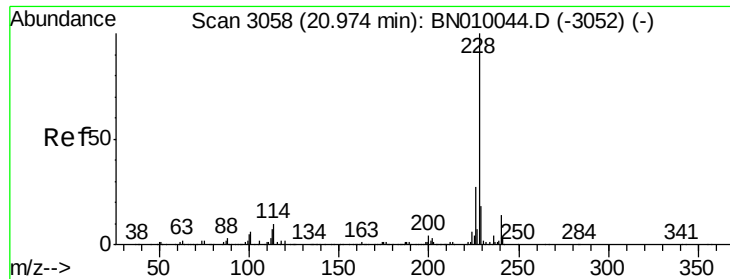


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 17.571 ng/ul

RT: 20.97 min Scan# 3058

Delta R.T. 0.00 min

Lab File: BN010047.D

Acq: 02 Mar 2020 19:25

Instrument :

BNA_N

ClientSampleId :

DBDT7MS

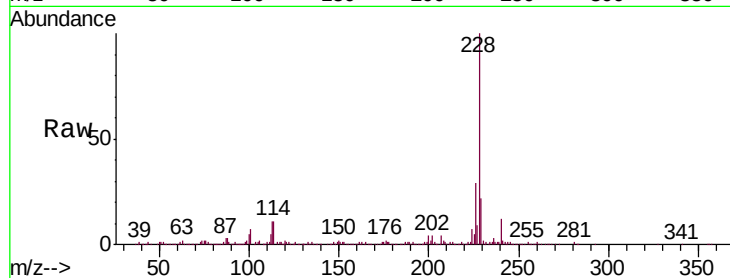
Tgt Ion:228 Resp: 628234

Ion Ratio Lower Upper

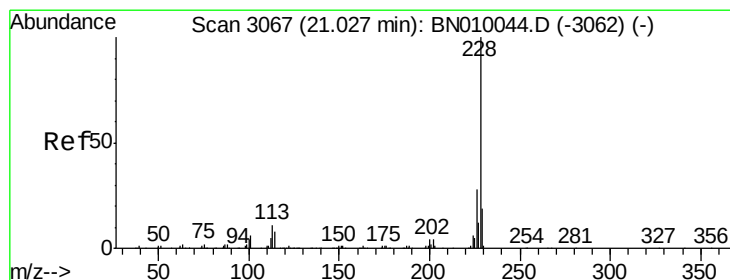
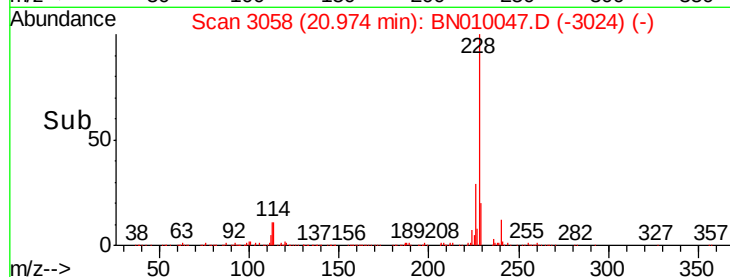
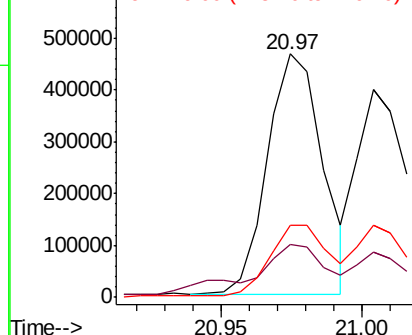
228 100

229 21.6 15.0 22.4

226 29.4 21.4 32.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 7.921 ng/ul

RT: 21.00 min Scan# 3063

Delta R.T. -0.02 min

Lab File: BN010047.D

Acq: 02 Mar 2020 19:25

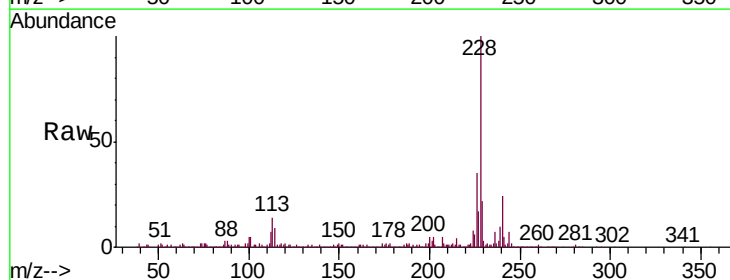
Tgt Ion:228 Resp: 278808

Ion Ratio Lower Upper

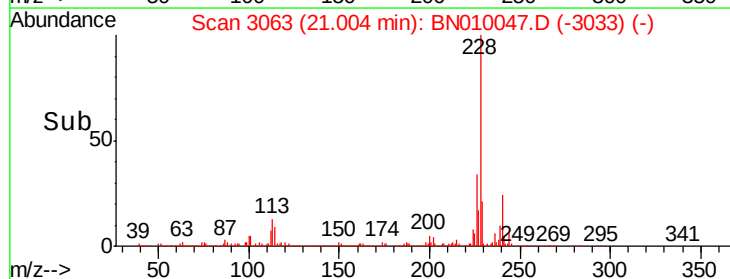
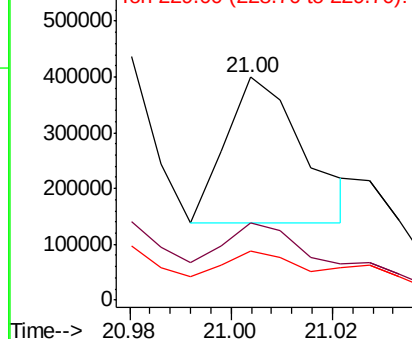
228 100

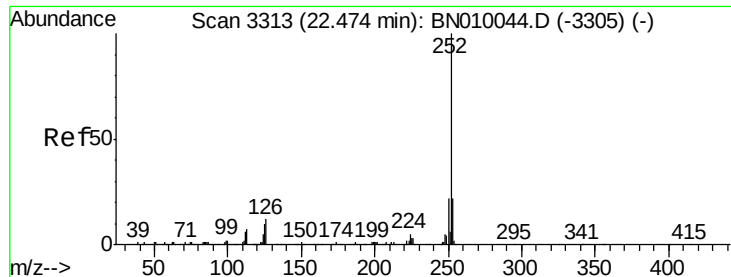
226 34.5 23.4 35.2

229 22.0 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 38.899 ng/ul

RT: 22.47 min Scan# 3313

Delta R.T. 0.00 min

Lab File: BN010047.D

Acq: 02 Mar 2020 19:25

Instrument :

BNA_N

ClientSampleId :

DBDT7MS

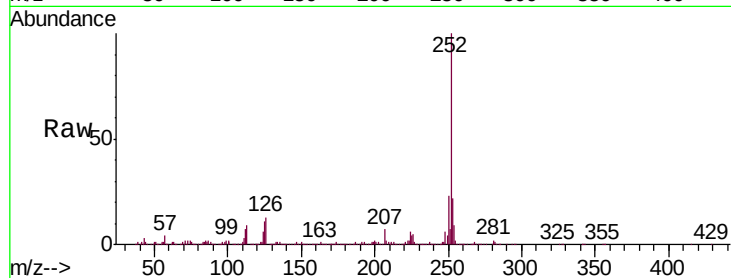
Tgt Ion:252 Resp: 1442840

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 11.0 8.0 12.0

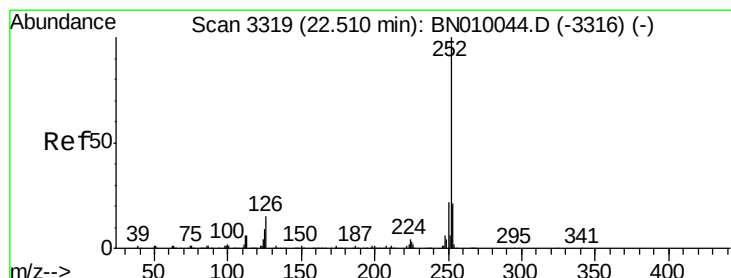
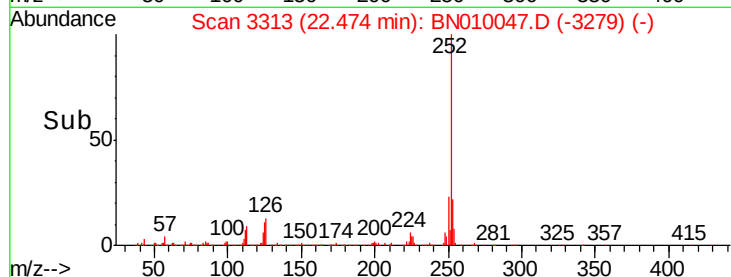
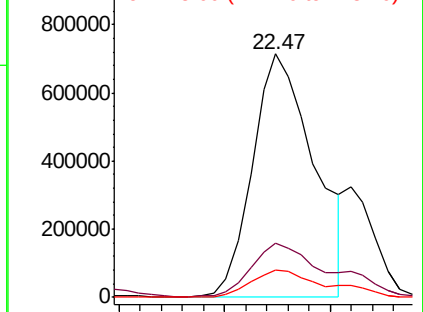


Abundance

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



#89

Benzo(k)fluoranthene

Concen: 41.081 ng/ul

RT: 22.47 min Scan# 3313

Delta R.T. -0.04 min

Lab File: BN010047.D

Acq: 02 Mar 2020 19:25

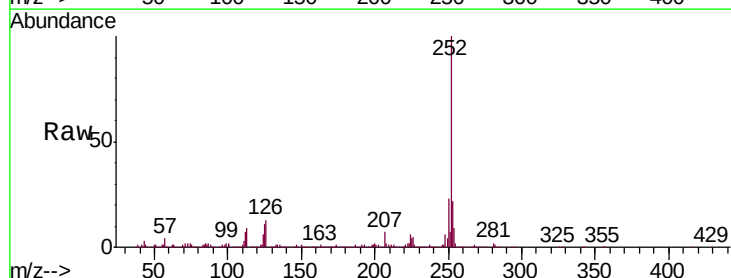
Tgt Ion:252 Resp: 1442840

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 11.0 8.2 12.2

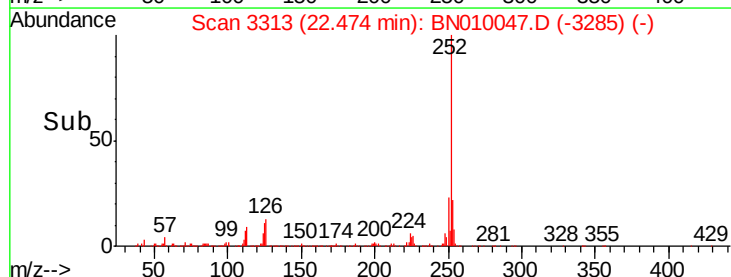
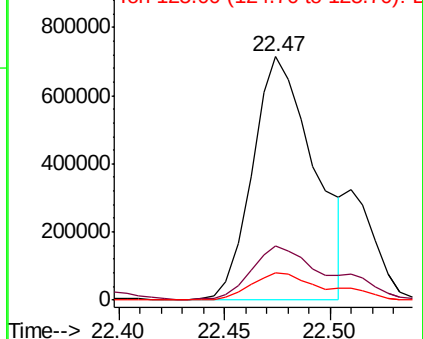


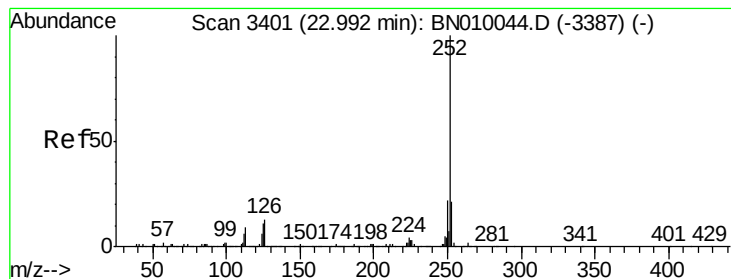
Abundance

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





#91

Benzo(a)pyrene

Concen: 17.398 ng/ul

RT: 23.00 min Scan# 3402

Delta R.T. 0.01 min

Lab File: BN010047.D

Acq: 02 Mar 2020 19:25

Instrument :

BNA_N

ClientSampleId :

DBDT7MS

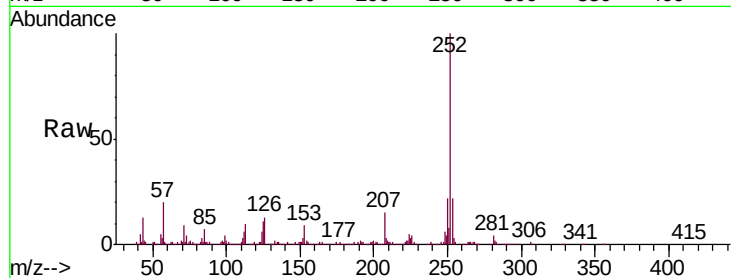
Tgt Ion:252 Resp: 580411

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

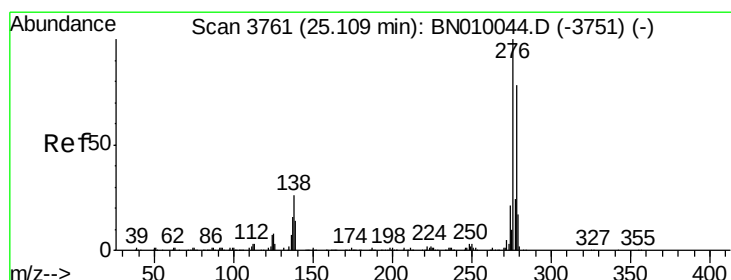
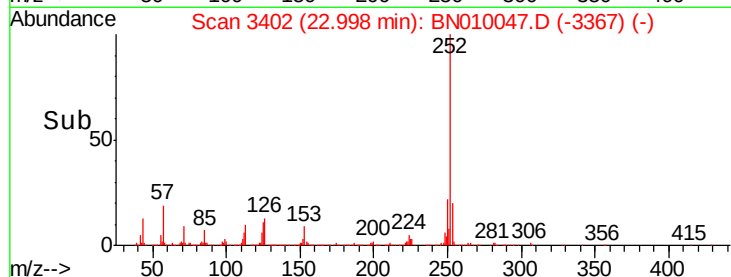
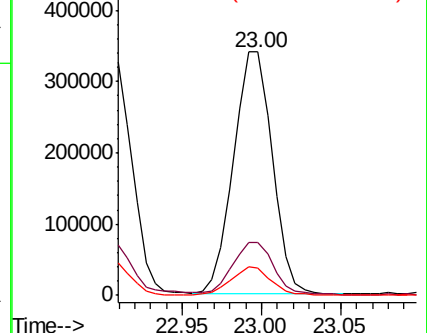
125 11.0 9.0 13.6



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 5.744 ng/ul

RT: 25.12 min Scan# 3762

Delta R.T. 0.01 min

Lab File: BN010047.D

Acq: 02 Mar 2020 19:25

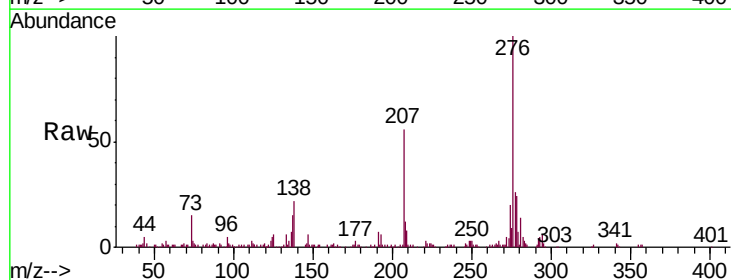
Tgt Ion:276 Resp: 227493

Ion Ratio Lower Upper

276 100

138 21.7 20.9 31.3

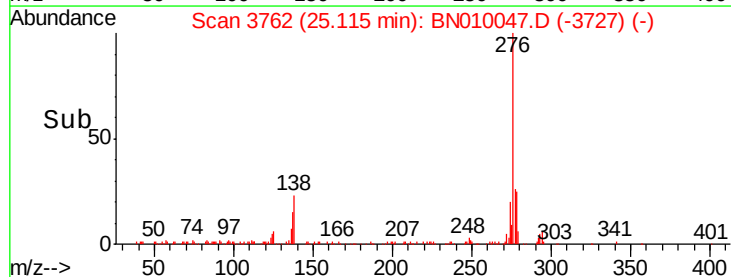
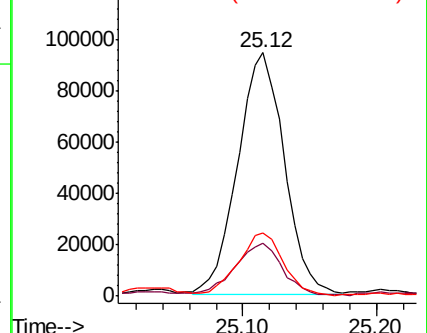
277 26.0 18.2 27.4

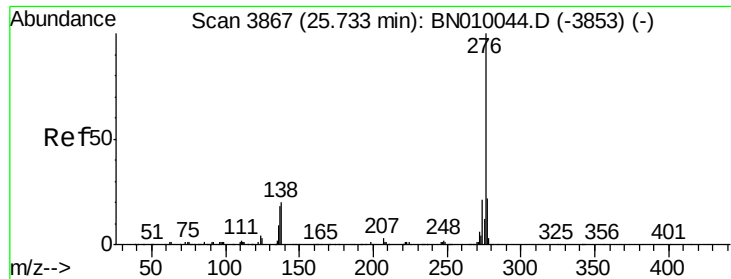


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(g,h,i)perylene

Concen: 4.493 ng/ul

RT: 25.73 min Scan# 3866

Delta R.T. -0.01 min

Lab File: BN010047.D

Acq: 02 Mar 2020 19:25

Instrument :

BNA_N

ClientSampleId :

DBDT7MS

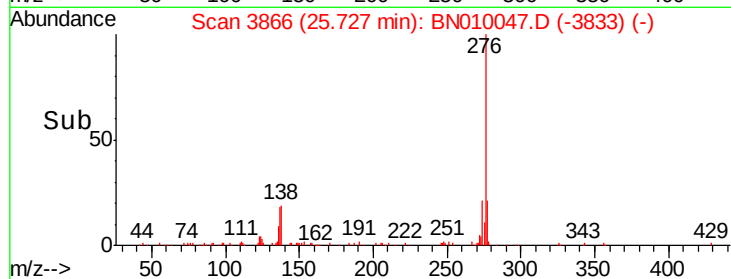
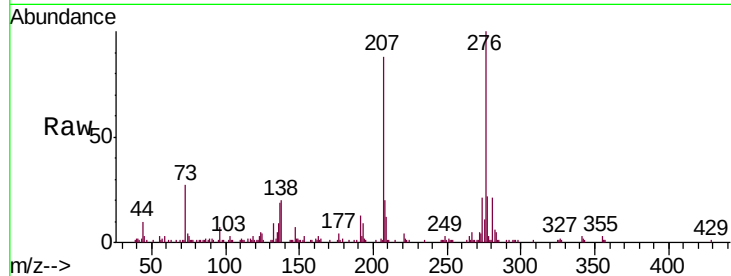
Tgt Ion: 276 Resp: 149227

Ion Ratio Lower Upper

276 100

138 19.8 17.5 26.3

277 21.8 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

