

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
 Data File : BN005459.D
 Acq On : 03 May 2019 19:20
 Operator : JU/SJ
 Sample : K2604-15MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ88MS

Quant Time: May 04 01:39:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	309854	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1422648	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	910183	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2093516	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1846200	20.00	ng/ul	-0.01
85) Perylene-d12	23.40	264	1720257	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	25459	3.97	ng/uL	0.00
5) Phenol-d5	6.78	99	598395	24.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	334918	22.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	479655	25.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	511714	26.90	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	255712	29.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	294015	33.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	535646	26.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	712264	33.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1752684	26.53	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	2154401	26.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	262448	25.16	ng/ul	0.00
57) Fluorene-d10	15.22	176	1504188	27.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	195669	20.78	ng/ul	0.00
70) Anthracene-d10	17.07	188	2397321	27.32	ng/ul	0.00
78) Pyrene-d10	19.39	212	2631070	27.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	2067522	27.50	ng/ul	-0.01

Target Compounds

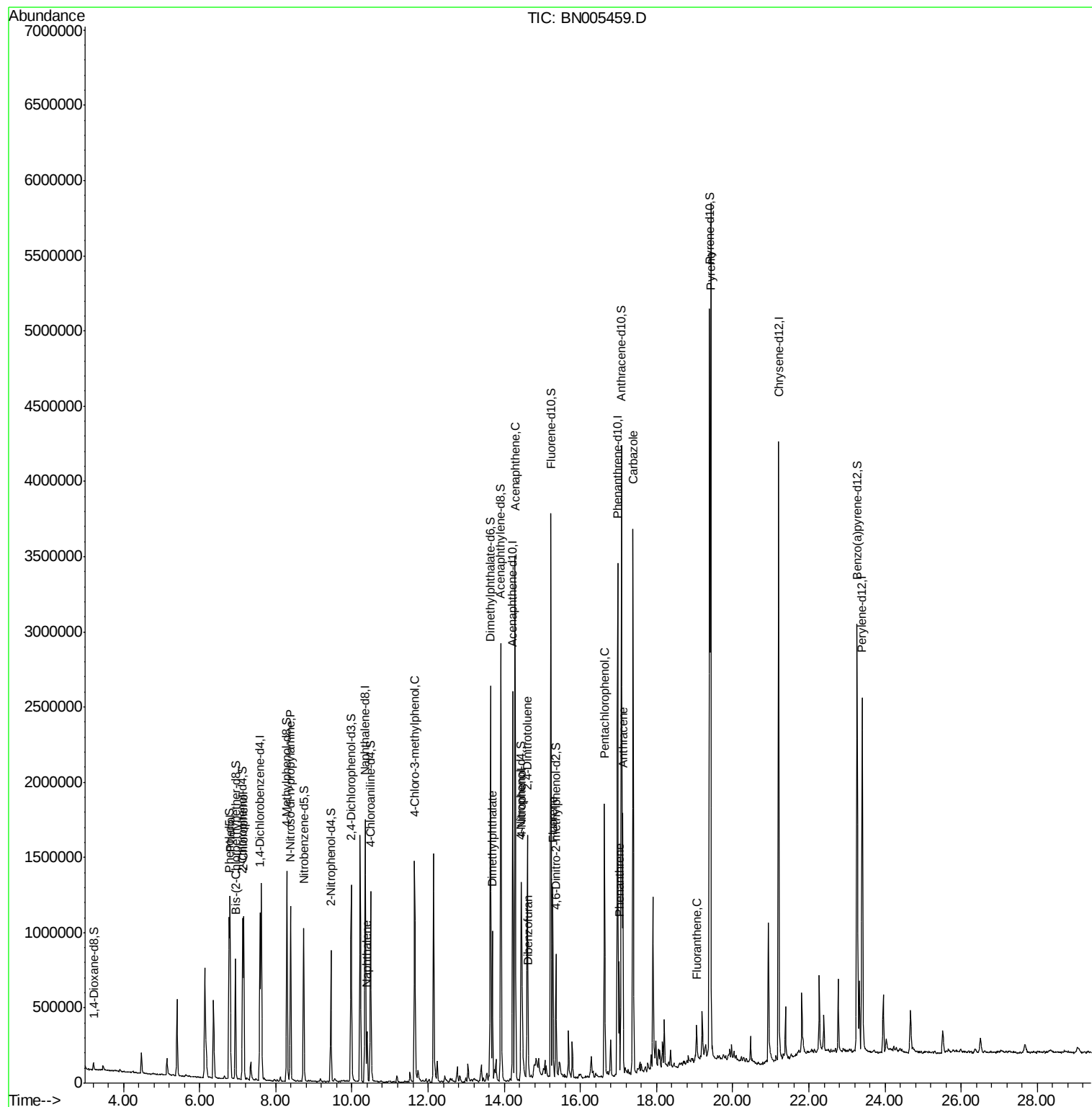
					Ovalue	
6) Phenol	6.80	94	639151	25.534	ng/ul	94
10) 2-Chlorophenol	7.16	128	460896	23.937	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.39	70	406247	24.945	ng/ul	89
28) Naphthalene	10.40	128	262391	3.967	ng/ul	99
33) 4-Chloro-3-methylphenol	11.65	107	590971	26.135	ng/ul	96
44) Dimethylphthalate	13.69	163	613250	9.315	ng/ul	99
49) Acenaphthene	14.29	153	1385871	25.455	ng/ul	99
52) 4-Nitrophenol	14.46	109	213808	22.578	ng/ul	88
53) Dibenzofuran	14.63	168	98584	1.258	ng/ul	99
54) 2,4-Dinitrotoluene	14.60	165	497768	30.375	ng/ul	89
58) Fluorene	15.28	166	582110	9.517	ng/ul	98
68) Pentachlorophenol	16.63	266	324990	24.714	ng/ul	98
69) Phenanthrene	17.02	178	443333	4.348	ng/ul	100
71) Anthracene	17.11	178	1056688	10.174	ng/ul	98
74) Carbazole	17.39	167	2338816	26.213	ng/ul	98
76) Fluoranthene	19.05	202	140084	1.239	ng/ul	99
79) Pyrene	19.42	202	3362608	28.288	ng/ul	95

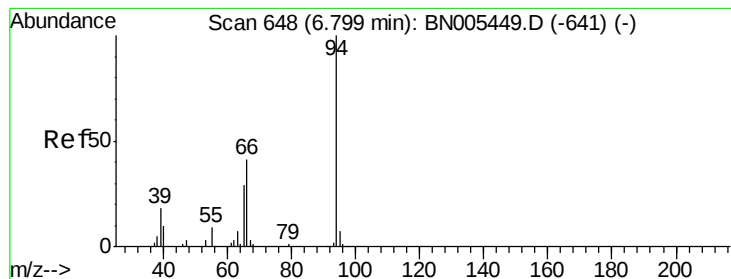
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 25.534 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.01 min

Lab File: BN005459.D

Acq: 03 May 2019 19:20

Instrument :

BNA_N

ClientSampled :

GAJ88MS

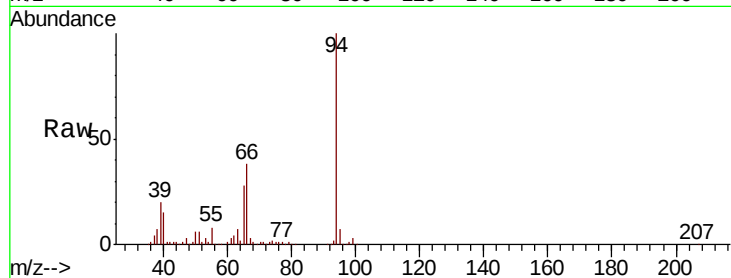
Tot Ion: 94 Resp: 639151

Ion Ratio Lower Upper

94 100

65 27.9 24.2 36.4

66 37.8 33.8 50.6



Abundance Ion 94.00 (93.70 to 94.70): BN005449.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BN005449.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BN005449.D (-641) (-)

6.80

400000

300000

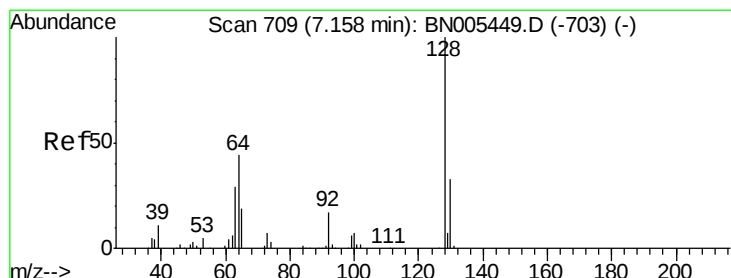
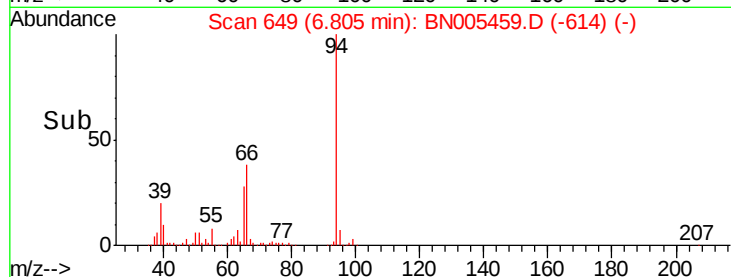
200000

100000

0

6.75 6.80 6.85 6.90

Time-->



#10

2-Chlorophenol

Concen: 23.937 ng/ul

RT: 7.16 min Scan# 710

Delta R.T. -0.00 min

Lab File: BN005459.D

Acq: 03 May 2019 19:20

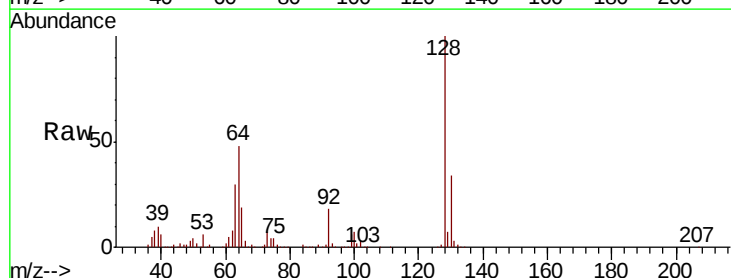
Tgt Ion: 128 Resp: 460896

Ion Ratio Lower Upper

128 100

64 47.7 42.3 63.5

130 34.3 26.5 39.7



Abundance Ion 128.00 (127.70 to 128.70): BN005449.D (-703) (-)

Ion 64.00 (63.70 to 64.70): BN005449.D (-703) (-)

Ion 130.00 (129.70 to 130.70): BN005449.D (-703) (-)

7.16

400000

300000

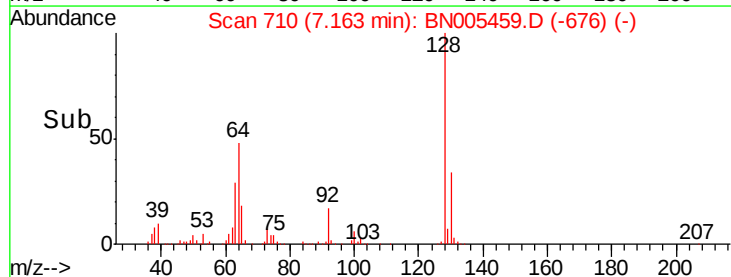
200000

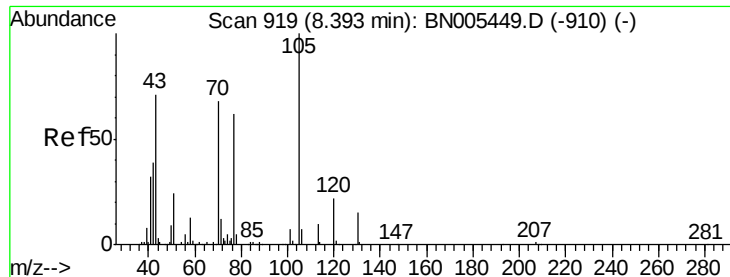
100000

0

7.10 7.15 7.20 7.25

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 24.945 ng/ul

RT: 8.39 min Scan# 918

Delta R.T. -0.01 min

Lab File: BN005459.D

Acq: 03 May 2019 19:20

Instrument :

BNA_N

ClientSampleId :

GAJ88MS

Tot Ion: 70 Resp: 406247

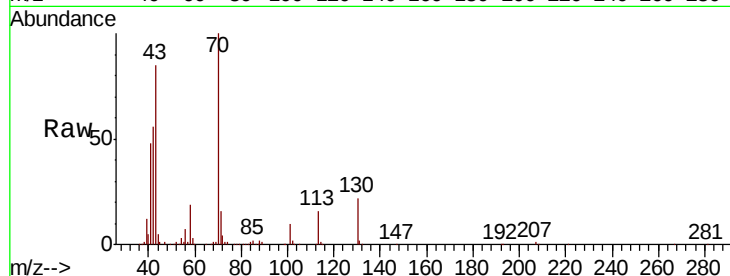
Ion Ratio Lower Upper

70 100

42 56.2 53.8 80.8

101 10.4 7.7 11.5

130 22.0 15.0 22.4

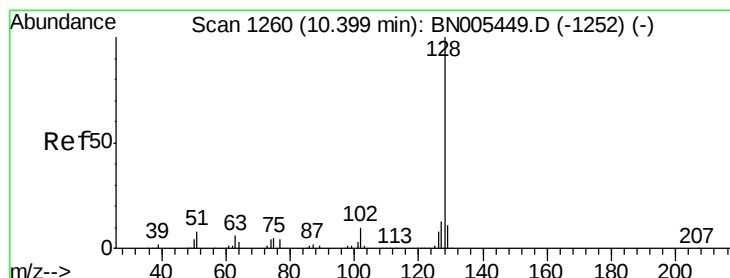
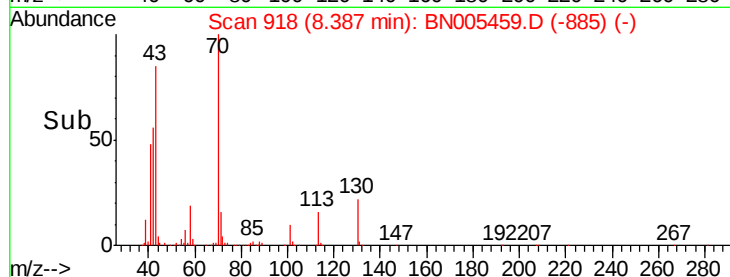
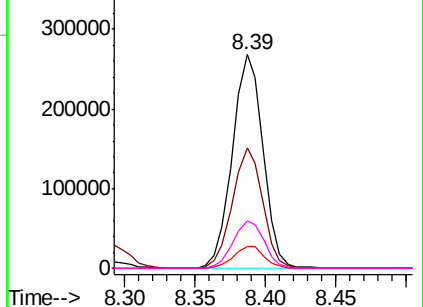


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#28

Naphthalene

Concen: 3.967 ng/ul

RT: 10.40 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BN005459.D

Acq: 03 May 2019 19:20

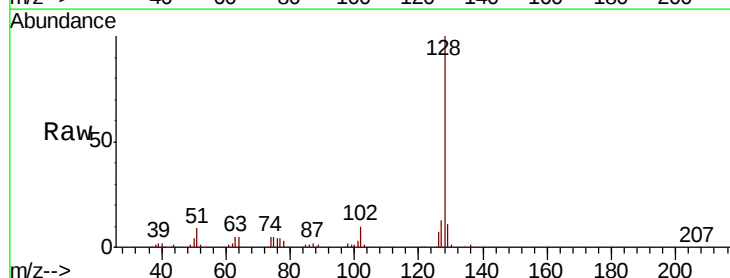
Tgt Ion:128 Resp: 262391

Ion Ratio Lower Upper

128 100

129 11.3 9.2 13.8

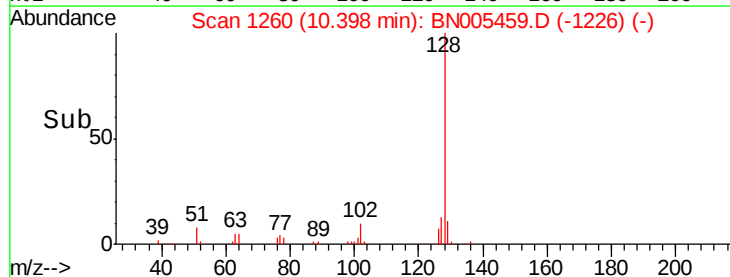
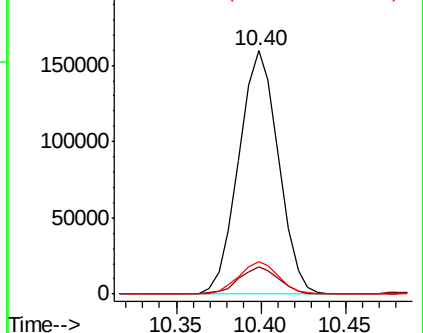
127 13.2 10.7 16.1

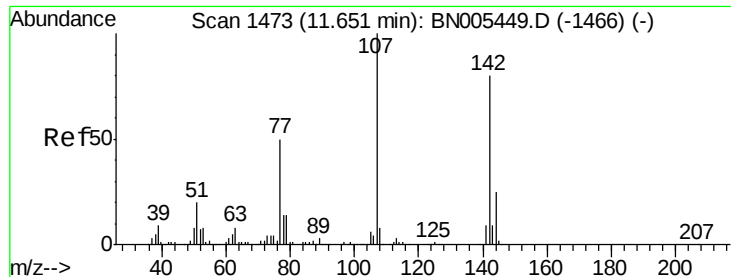


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

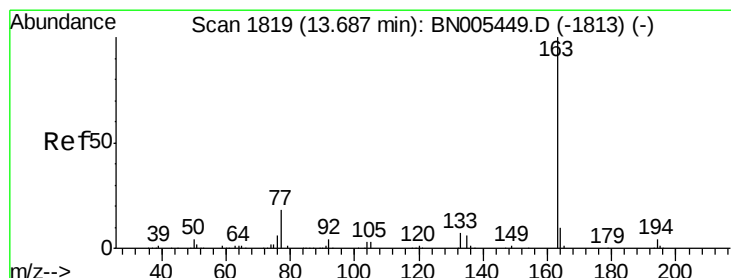
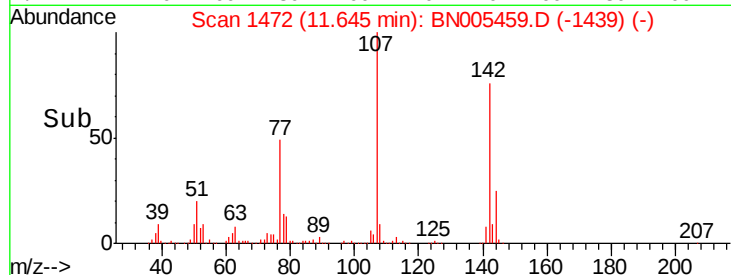
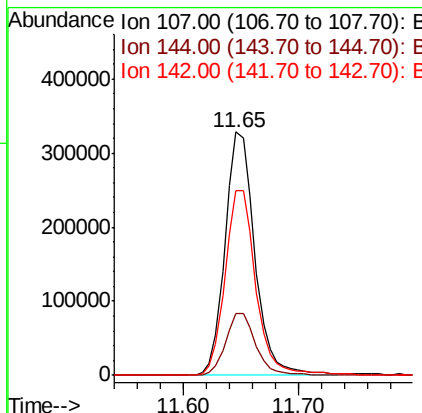
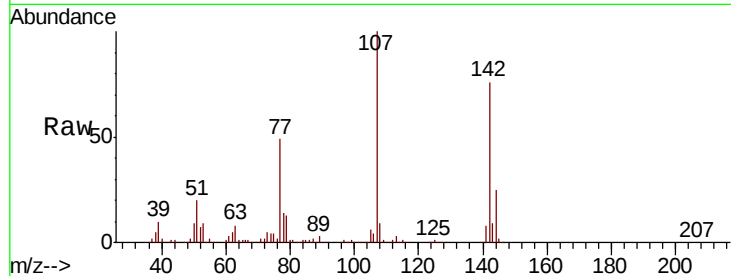




#33
 4-Chloro-3-methylphenol
 Concen: 26.135 ng/ul
 RT: 11.65 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BN005459.D
 Acq: 03 May 2019 19:20

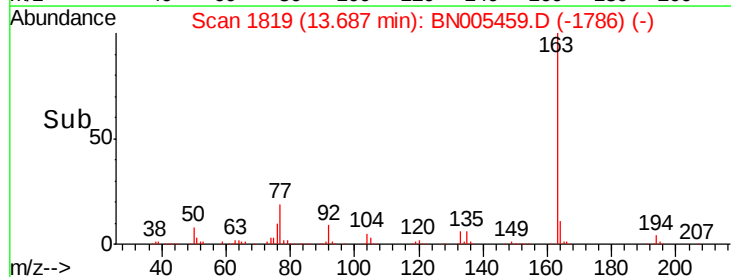
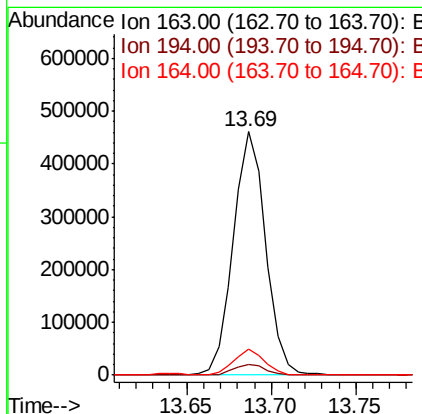
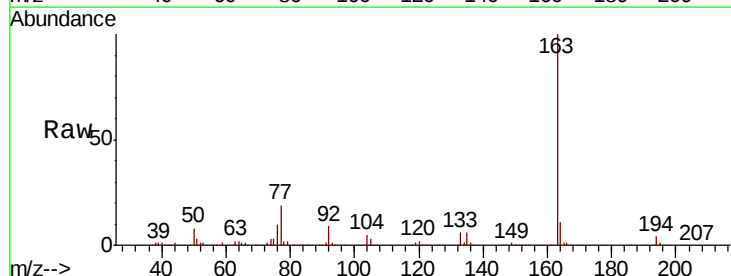
Instrument :
 BNA_N
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 GAJ88MS

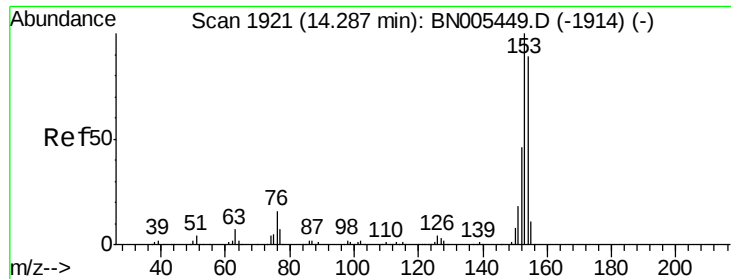
Tot Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.4	29.0
142	75.9	57.7	86.5



#44
 Dimethylphthalate
 Concen: 9.315 ng/ul
 RT: 13.69 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BN005459.D
 Acq: 03 May 2019 19:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.6	8.1	12.1





#49

Acenaphthene

Concen: 25.455 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BN005459.D

Acq: 03 May 2019 19:20

Instrument :

BNA_N

ClientSampleId :

GAJ88MS

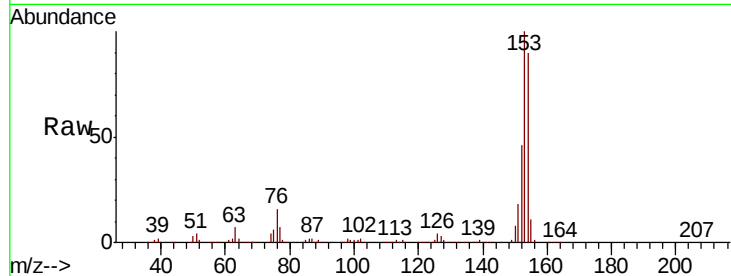
Tot Ion:153 Resp: 1385871

Ion Ratio Lower Upper

153 100

152 46.4 37.4 56.0

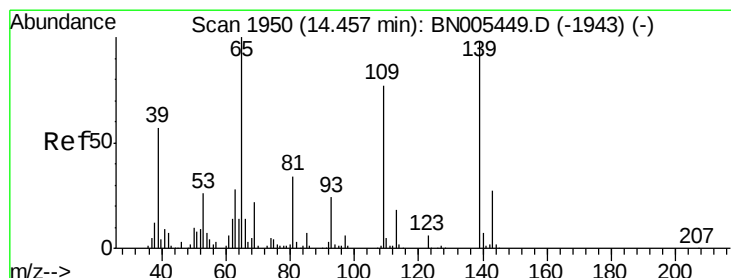
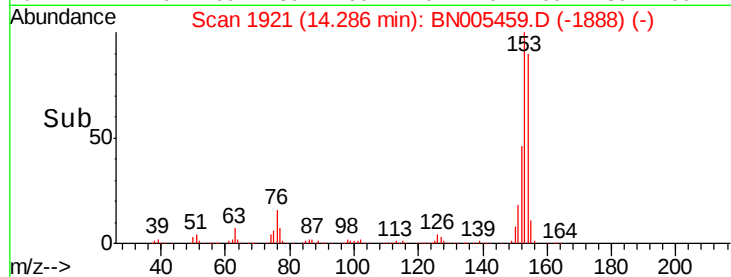
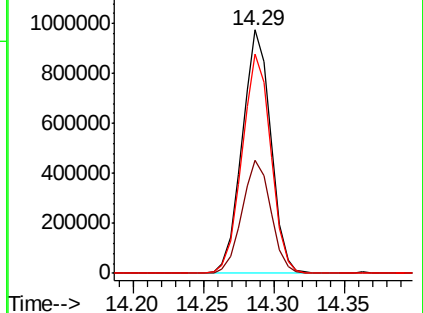
154 90.0 71.2 106.8



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: 22.578 ng/ul

RT: 14.46 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BN005459.D

Acq: 03 May 2019 19:20

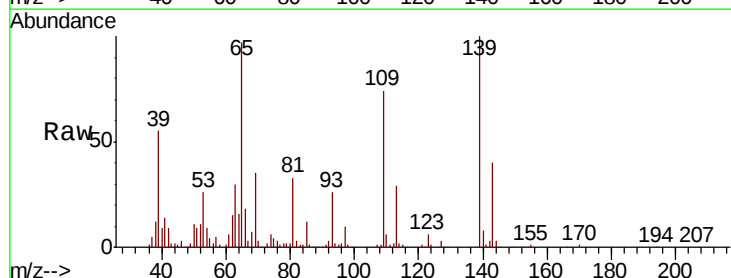
Tgt Ion:109 Resp: 213808

Ion Ratio Lower Upper

109 100

139 134.7 92.3 138.5

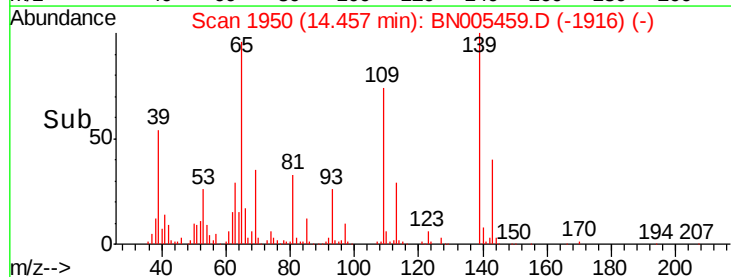
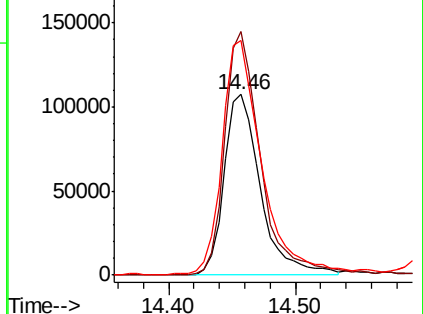
65 130.2 97.5 146.3

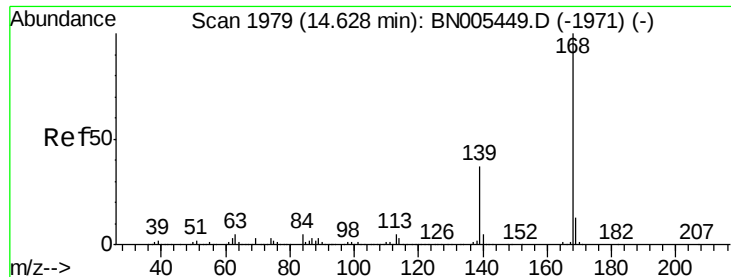


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO





#53

Dibenzenofuran

Concen: 1.258 ng/ul

RT: 14.63 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BN005459.D

Acq: 03 May 2019 19:20

Instrument :

BNA_N

ClientSampleId :

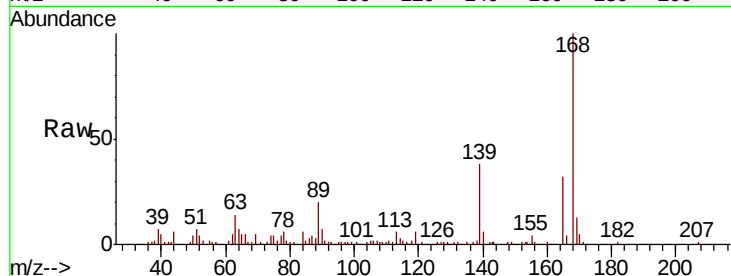
GAJ88MS

Tot Ion:168 Resp: 98584

Ion Ratio Lower Upper

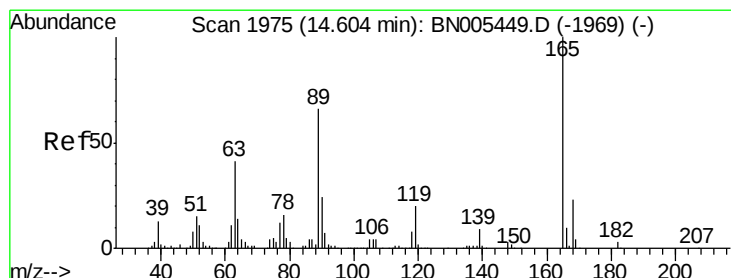
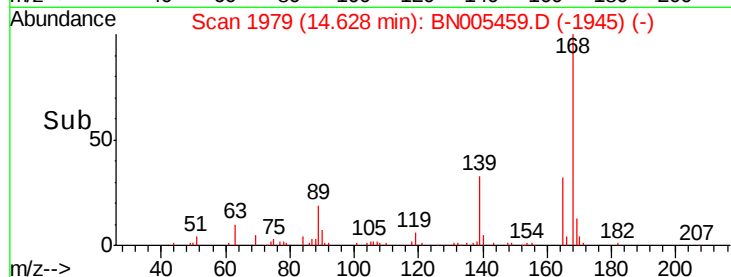
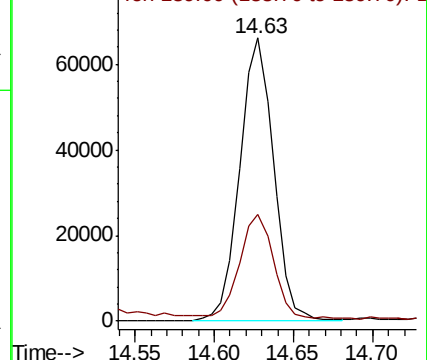
168 100

139 37.7 30.9 46.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 30.375 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN005459.D

Acq: 03 May 2019 19:20

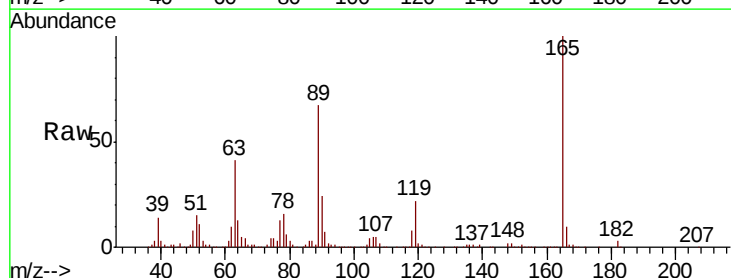
Tgt Ion:165 Resp: 497768

Ion Ratio Lower Upper

165 100

63 40.9 38.9 58.3

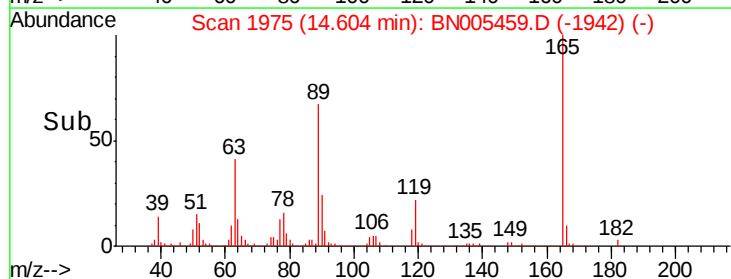
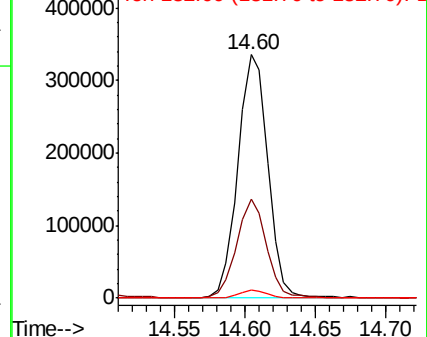
182 3.1 2.6 3.8

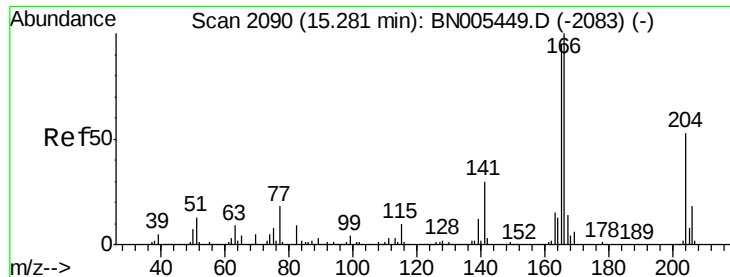


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 9.517 ng/ul

RT: 15.28 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BN005459.D

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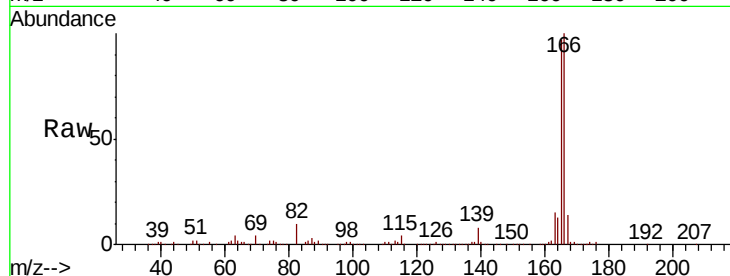
Tot Ion:166 Resp: 582110

Ion Ratio Lower Upper

166 100

165 97.4 80.0 120.0

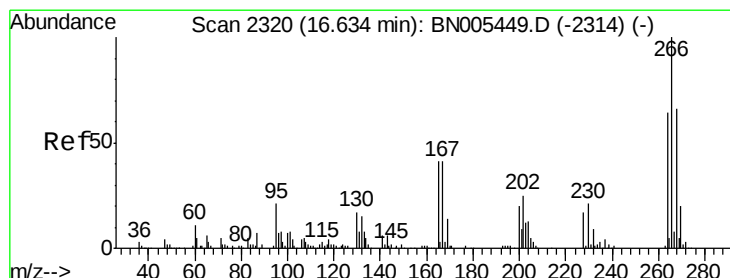
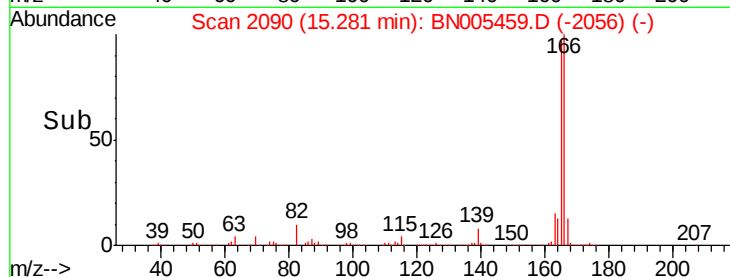
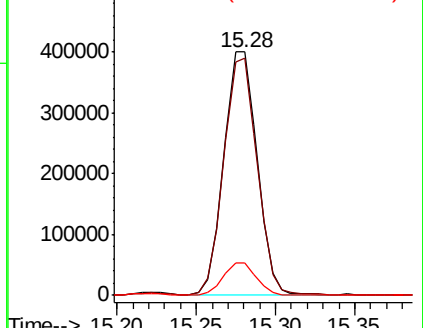
167 13.6 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#68

Pentachlorophenol

Concen: 24.714 ng/ul

RT: 16.63 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN005459.D

Acq: 03 May 2019 19:20

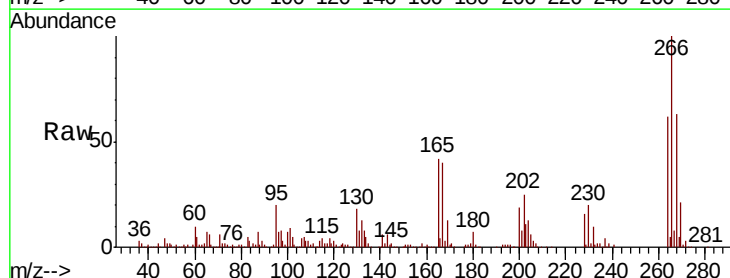
Tgt Ion:266 Resp: 324990

Ion Ratio Lower Upper

266 100

264 62.4 49.7 74.5

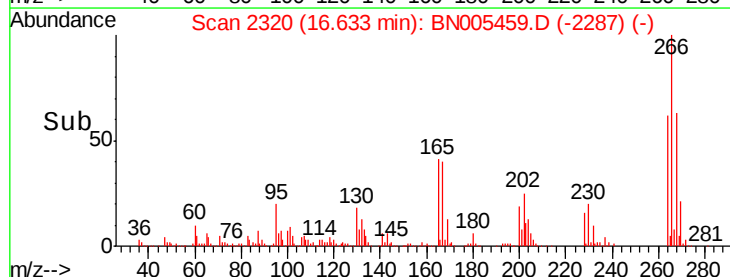
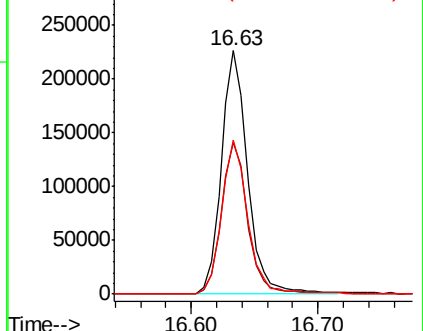
268 63.2 52.4 78.6

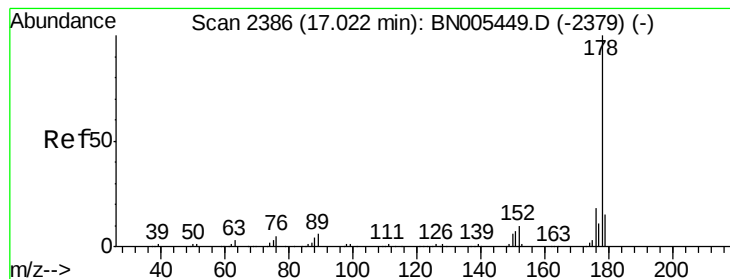


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 4.348 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BN005459.D

Acq: 03 May 2019 19:20

Instrument :

BNA_N

ClientSampleId :

GAJ88MS

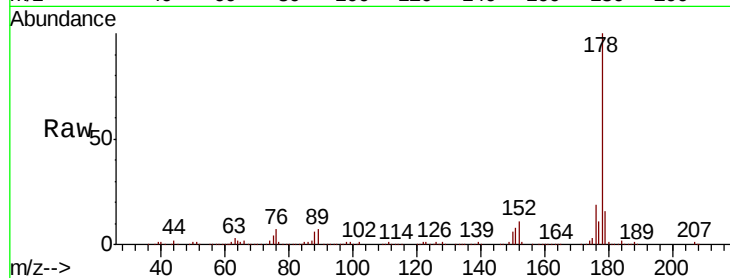
Tot Ion:178 Resp: 443333

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

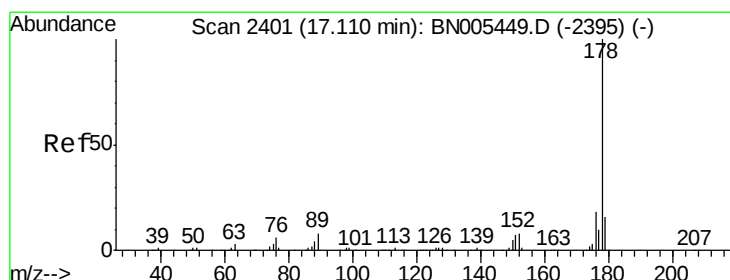
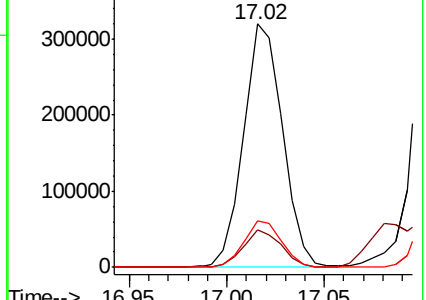
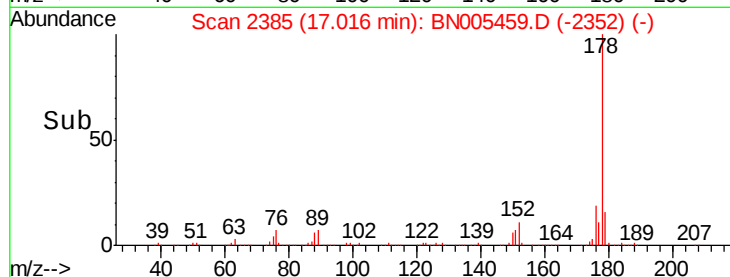
176 19.0 15.1 22.7



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



#71

Anthracene

Concen: 10.174 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BN005459.D

Acq: 03 May 2019 19:20

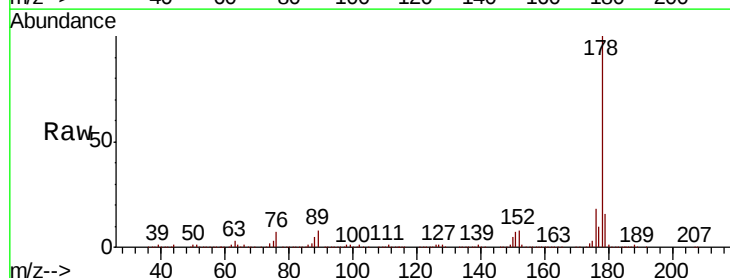
Tgt Ion:178 Resp: 1056688

Ion Ratio Lower Upper

178 100

179 16.2 12.3 18.5

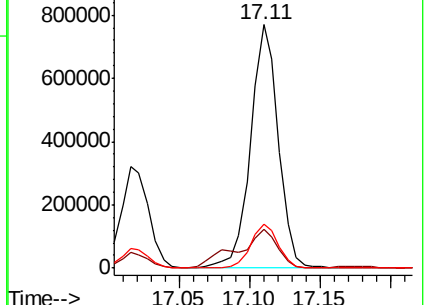
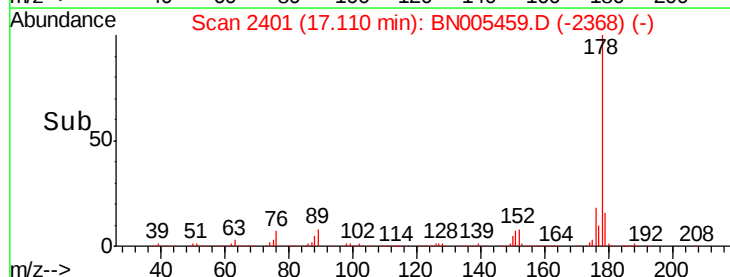
176 18.2 15.1 22.7

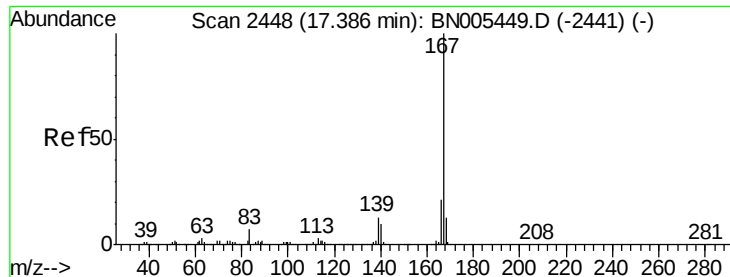


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 26.213 ng/ul

RT: 17.39 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BN005459.D

Acq: 03 May 2019 19:20

Instrument :

BNA_N

ClientSampleId :

GAJ88MS

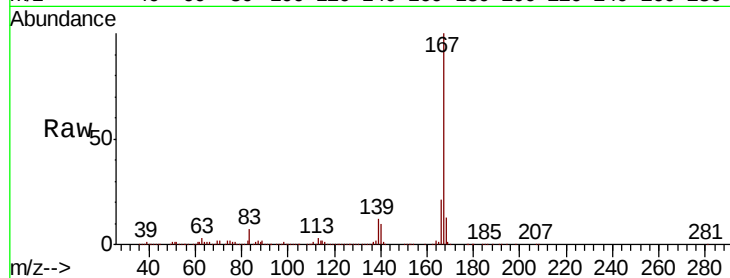
Tot Ion:167 Resp: 2338816

Ion Ratio Lower Upper

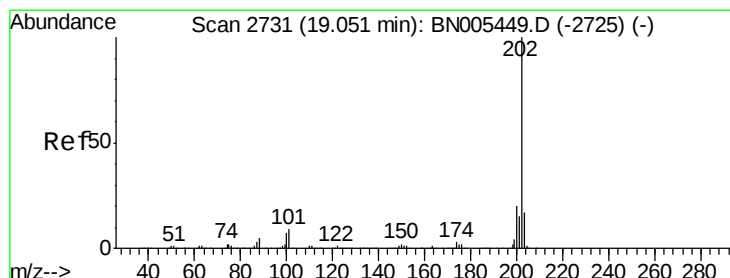
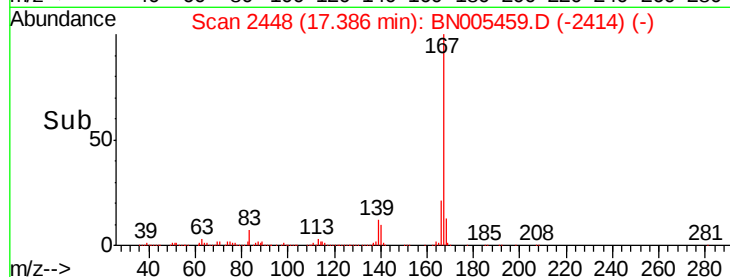
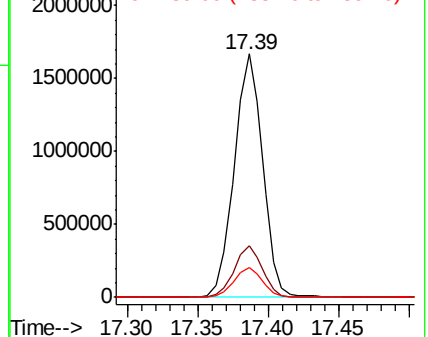
167 100

166 21.0 17.2 25.8

139 12.1 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#76

Fluoranthene

Concen: 1.239 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BN005459.D

Acq: 03 May 2019 19:20

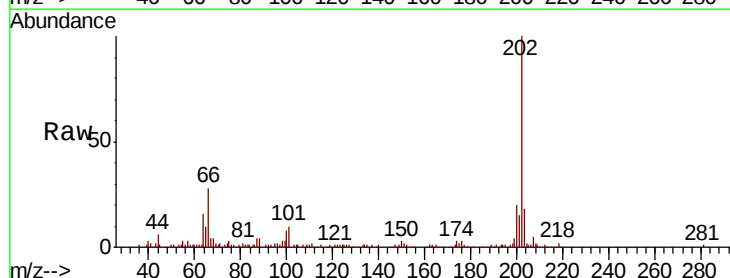
Tgt Ion:202 Resp: 140084

Ion Ratio Lower Upper

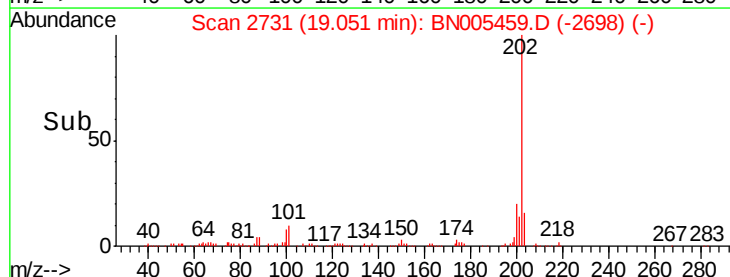
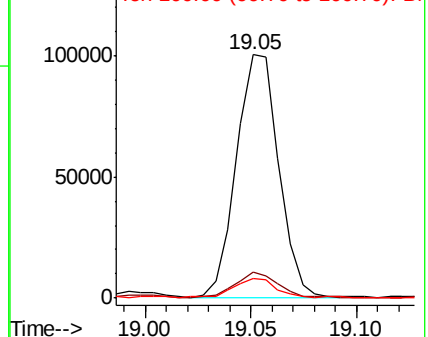
202 100

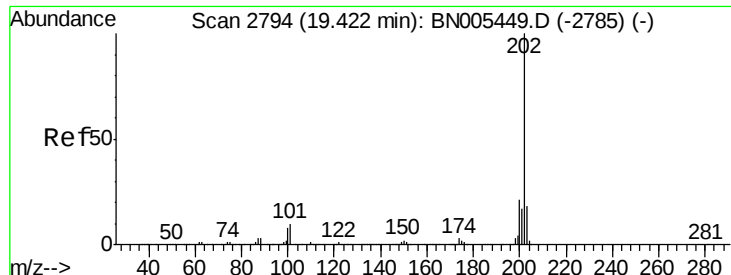
101 10.5 8.6 12.8

100 8.2 6.3 9.5



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: 28.288 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BN005459.D

Acq: 03 May 2019 19:20

Instrument :

BNA_N

ClientSampleId :

GAJ88MS

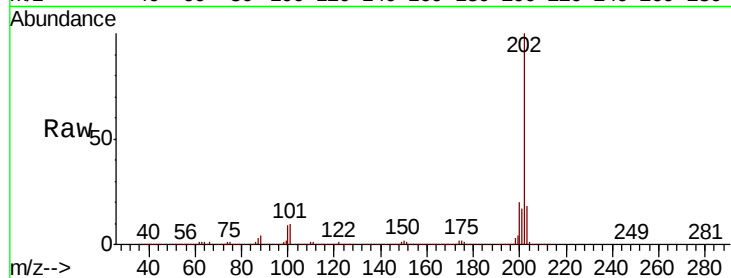
Tot Ion:202 Resp: 3362608

Ion Ratio Lower Upper

202 100

101 10.5 10.3 15.5

100 8.8 7.9 11.9



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

