

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
 Data File : BN006485.D
 Acq On : 22 Jun 2019 12:55
 Operator : HP/JU
 Sample : K3360-23
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41T1

Manual Integrations
 APPROVED

mohammad
 6/25/2019 8:44:19 AM

Quant Time: Jun 24 05:22:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 22:42:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	335860	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1516688	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	895396	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1914416	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1471322	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1412424	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	37541	4.37	ng/uL	0.00
5) Phenol-d5	6.80	99	913766	25.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	564689	25.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	672541	25.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	709551	25.01	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	332902	27.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	372391	28.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	737306	29.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	919328	31.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	2164063	27.58	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	2632929	27.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	344309	25.68	ng/ul	0.00
57) Fluorene-d10	15.28	176	1853274	27.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	251567	20.76	ng/ul	0.00
70) Anthracene-d10	17.14	188	2772740	28.77	ng/ul	0.00
78) Pyrene-d10	19.45	212	2869871	33.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	2338812	29.32	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.83	94	1365171	39.595	ng/ul	99
20) Nitrobenzene	8.82	77	1078899	36.814	ng/ul	99
21) Isophorone	9.34	82	2854551	47.126	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	1582533	68.108	ng/ul	99
28) Naphthalene	10.46	128	4046574	50.680	ng/ul	99
32) Caprolactam	11.33	113	150541m	16.873	ng/ul	
38) 2,4,6-Trichlorophenol	12.70	196	1060551	61.447	ng/ul	99
41) 2-Chloronaphthalene	13.15	162	3005433	54.705	ng/ul	98
56) Diethylphthalate	15.12	149	3726704	50.984	ng/ul	99
64) N-Nitrosodiphenylamine	15.55	169	1829899	31.735	ng/ul	99
66) Hexachlorobenzene	16.35	284	762919	34.703	ng/ul	99
67) Atrazine	16.52	200	888380	44.708	ng/ul	99
69) Phenanthrene	17.08	178	3935062	37.267	ng/ul	99
74) Carbazole	17.45	167	5424131	58.635	ng/ul	99
80) Butylbenzylphthalate	20.39	149	2018642	44.942	ng/ul	98
84) Chrysene	21.30	228	3751330	39.194	ng/ul	99
86) Di-n-octyl phthalate	22.05	149	6533346	71.988	ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	4348356	51.297	ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	3275471	40.430	ng/ul	99
93) Benzo(g,h,i)perylene	26.42	276	3797583	46.873	ng/ul	100

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

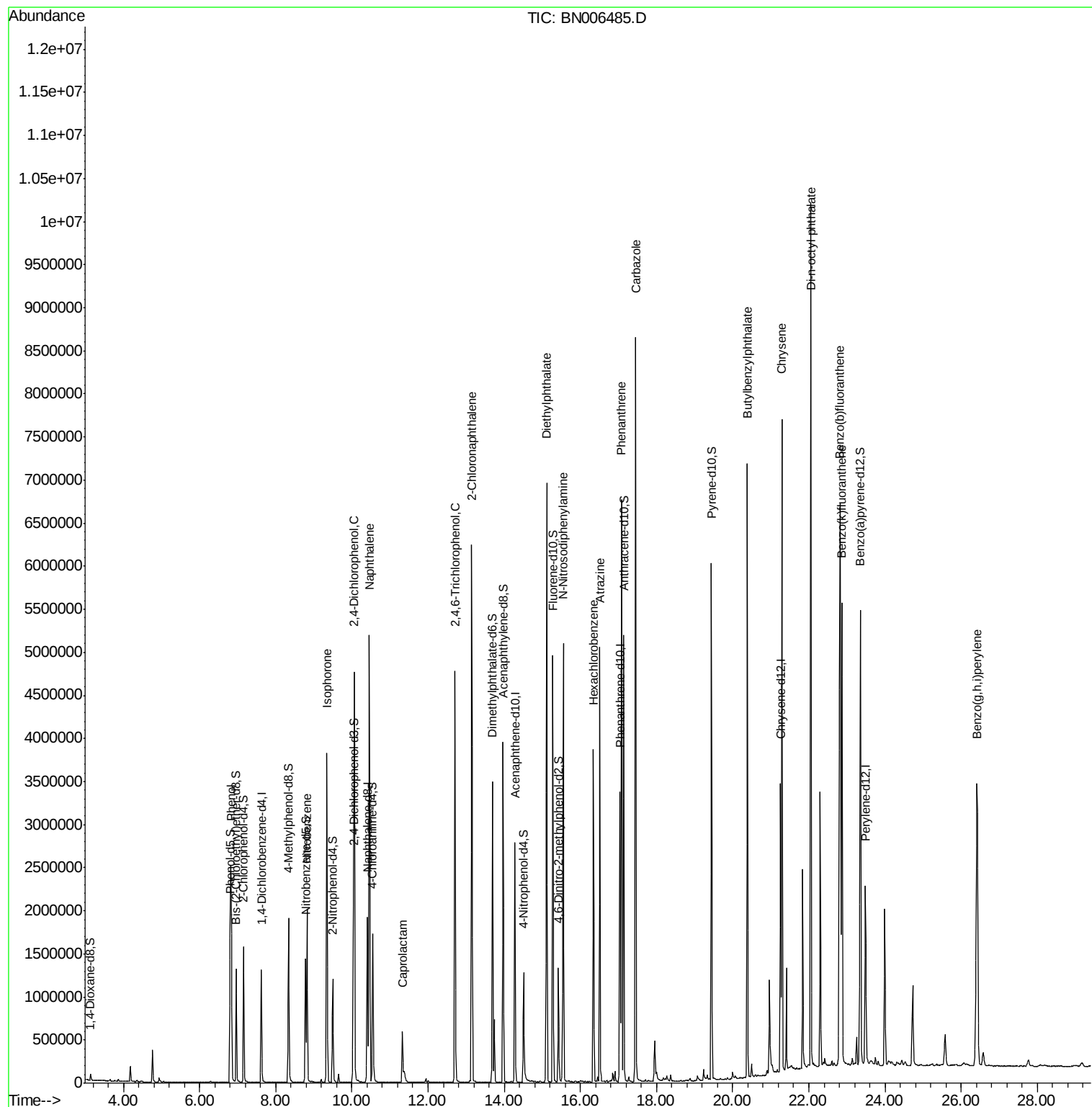
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006485.D
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ALS Vial : 3 Sample Multiplier: 1

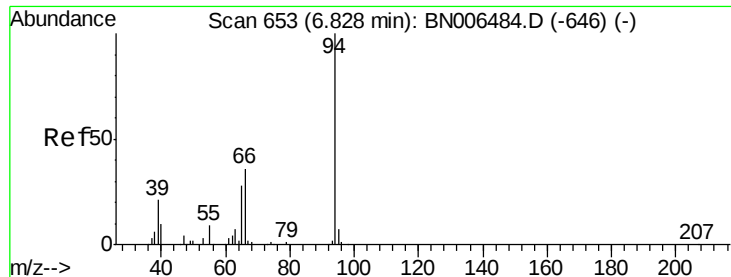
Instrument :
BNA_N
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#6

Phenol

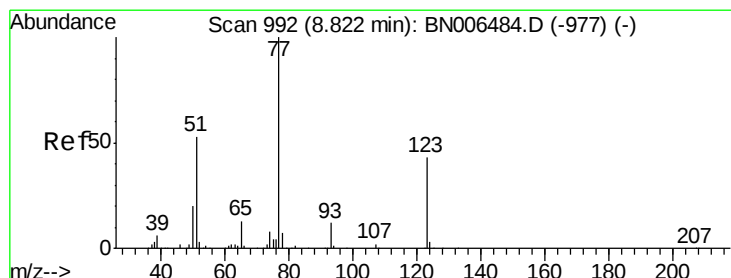
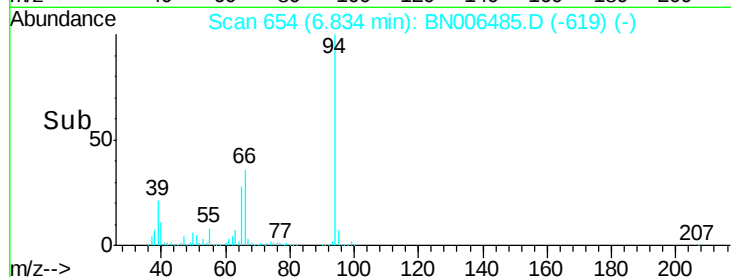
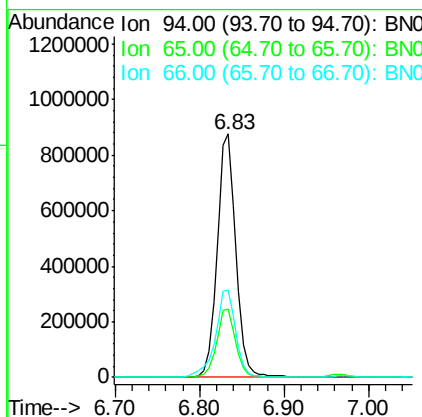
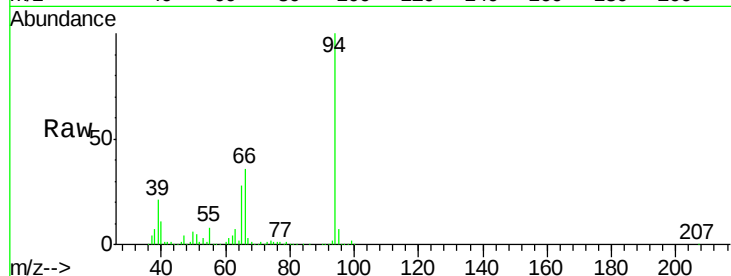
Concen: 39.595 ng/ul
RT: 6.83 min Scan# 654
Delta R.T. 0.01 min
Lab File: BN006485.D
Acq: 22 Jun 2019 12:55

Instrument :
BNA_N
ClientSampleId :
A41T1

Tgt Ion: 94 Resp: 1365171
Ion Ratio Lower Upper
94 100
65 27.8 22.5 33.7
66 36.0 29.5 44.3

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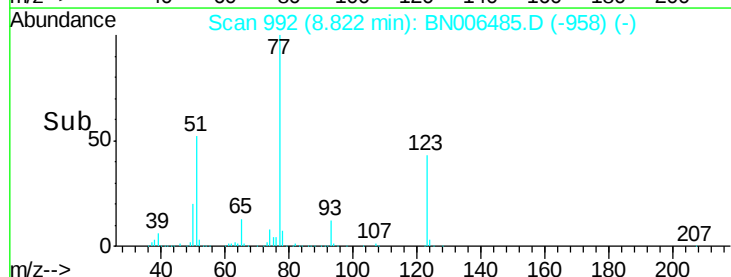
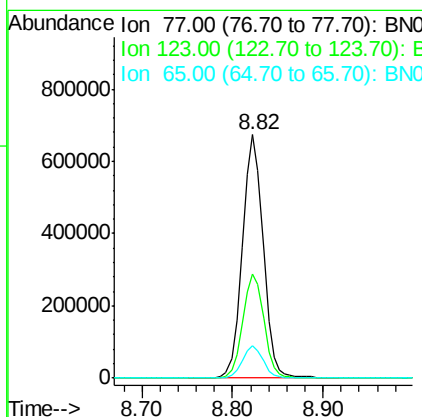
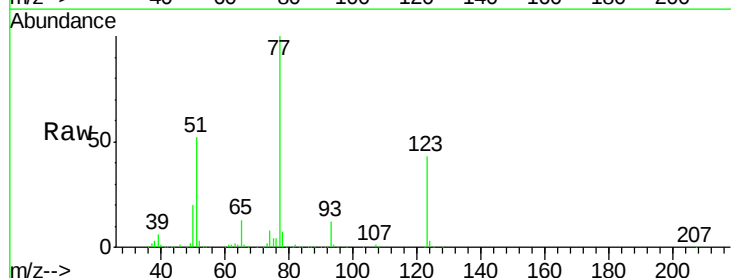


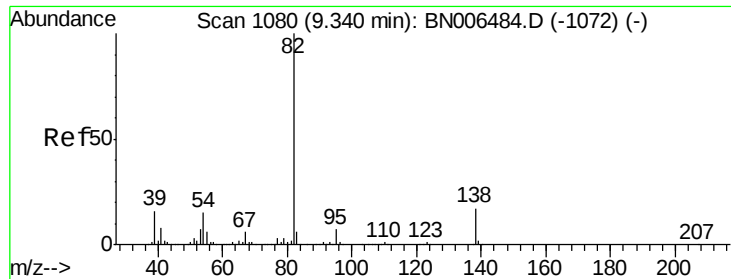
#20

Nitrobenzene

Concen: 36.814 ng/ul
RT: 8.82 min Scan# 992
Delta R.T. 0.00 min
Lab File: BN006485.D
Acq: 22 Jun 2019 12:55

Tgt Ion: 77 Resp: 1078899
Ion Ratio Lower Upper
77 100
123 42.9 33.7 50.5
65 13.4 10.6 15.8





#21

Isophorone

Concen: 47.126 ng/ul

RT: 9.34 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BN006485.D

Acq: 22 Jun 2019 12:55

Instrument :

BNA_N

ClientSampleId :

A41T1

Tgt Ion: 82 Resp: 2854551

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

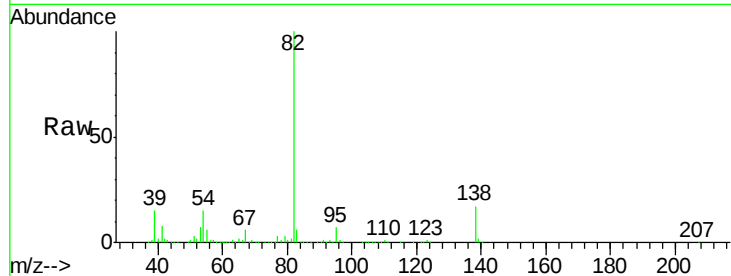
138 16.6 13.7 20.5

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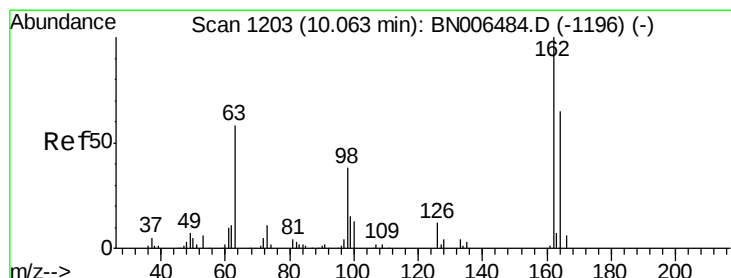
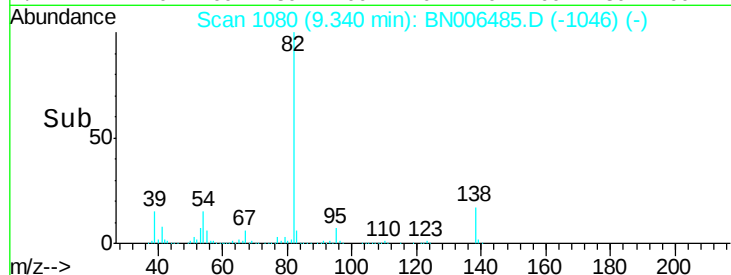


Abundance Ion 82.00 (81.70 to 82.70): BN006484.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BN006484.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BN006484.D (-1072) (-)

Time-->



#27

2,4-Dichlorophenol

Concen: 68.108 ng/ul

RT: 10.06 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BN006485.D

Acq: 22 Jun 2019 12:55

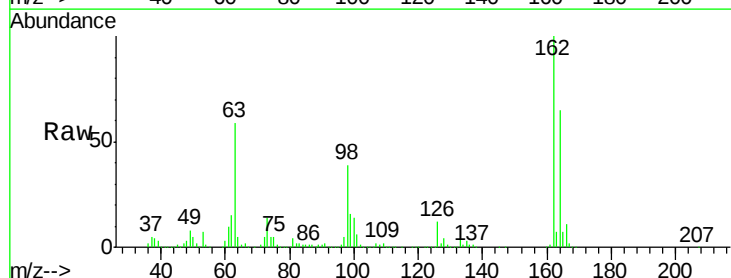
Tgt Ion: 162 Resp: 1582533

Ion Ratio Lower Upper

162 100

164 64.9 52.6 79.0

98 39.4 30.9 46.3

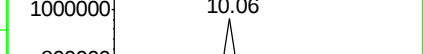
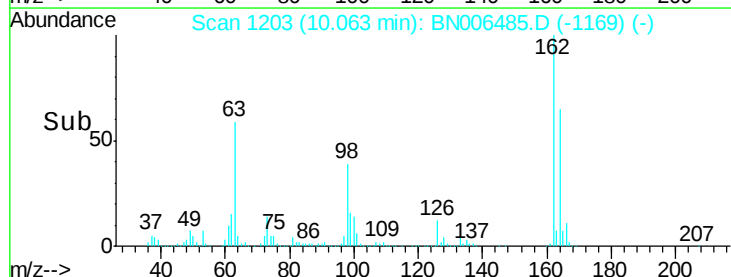


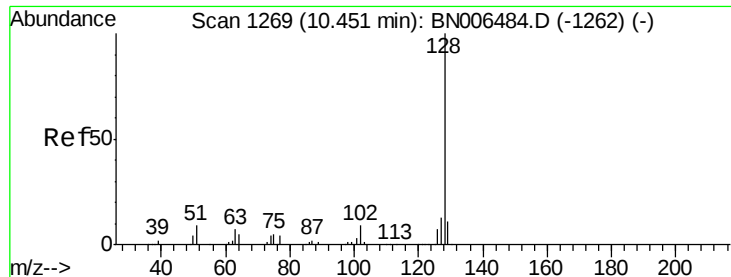
Abundance Ion 162.00 (161.70 to 162.70): BN006484.D (-1196) (-)

Ion 164.00 (163.70 to 164.70): BN006484.D (-1196) (-)

Ion 98.00 (97.70 to 98.70): BN006484.D (-1196) (-)

Time-->





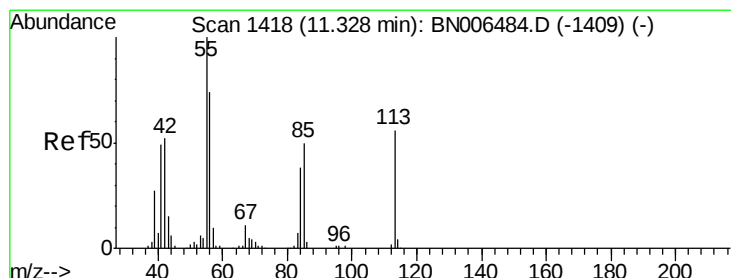
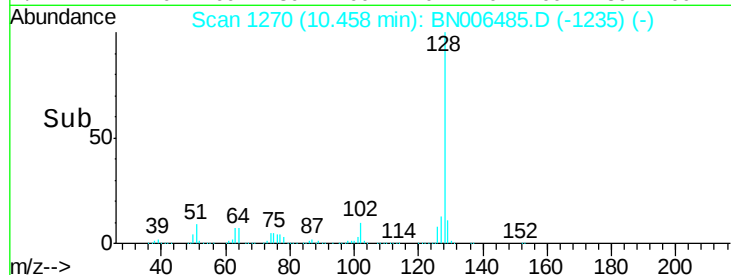
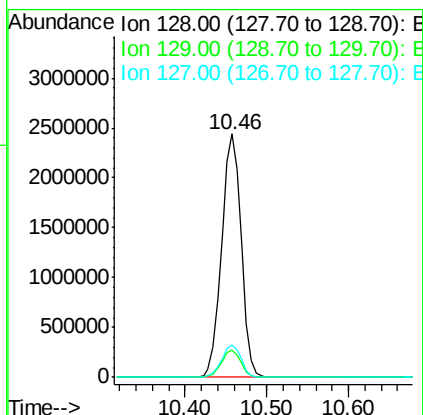
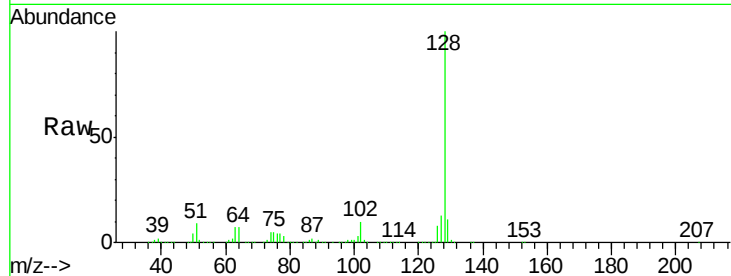
#28
Naphthalene
Concen: 50.680 ng/ul
RT: 10.46 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BN006485.D
Acq: 22 Jun 2019 12:55

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:128 Resp: 4046574
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.4 15.6

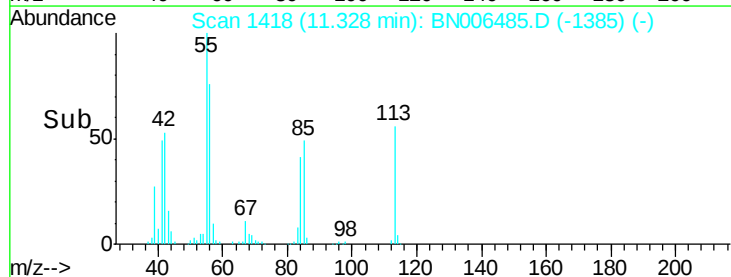
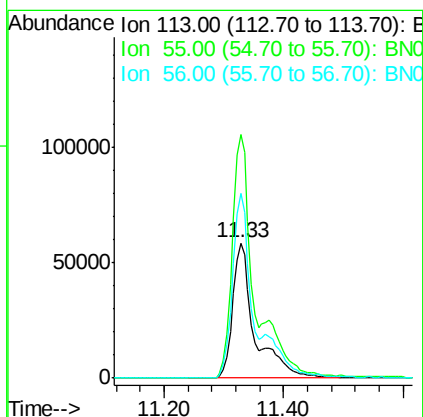
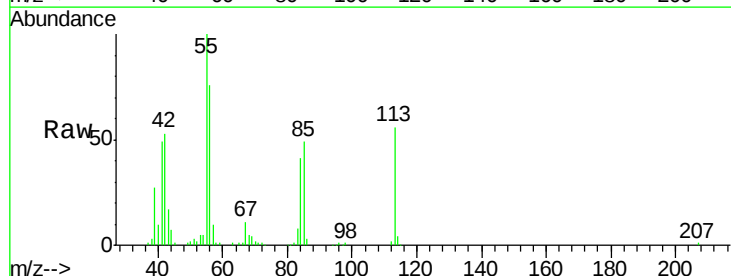
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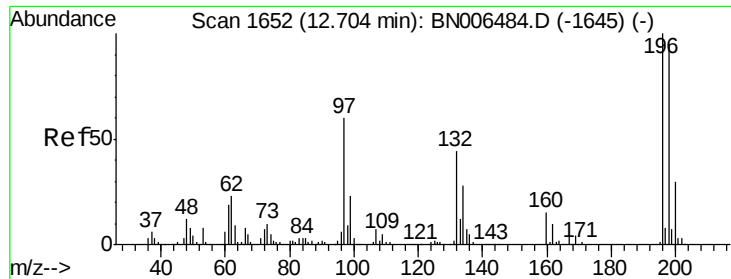
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#32
Caprolactam
Concen: 16.873 ng/ul m
RT: 11.33 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BN006485.D
Acq: 22 Jun 2019 12:55

Tgt Ion:113 Resp: 150541
Ion Ratio Lower Upper
113 100
55 180.0 137.3 205.9
56 136.9 102.6 154.0





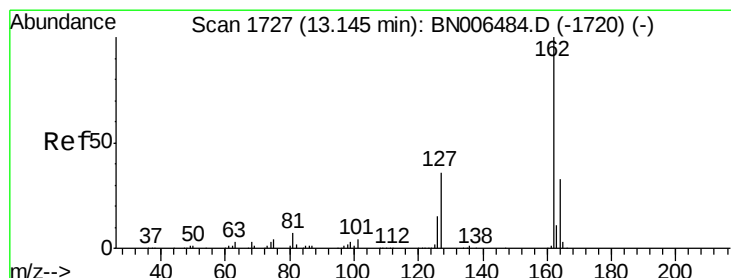
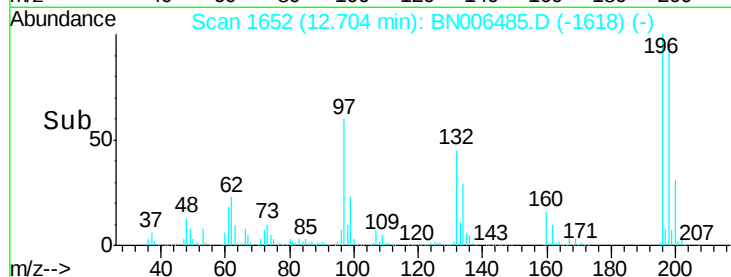
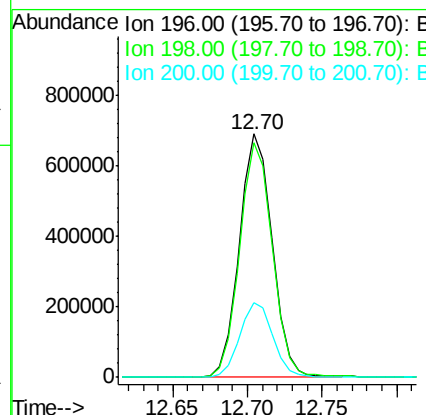
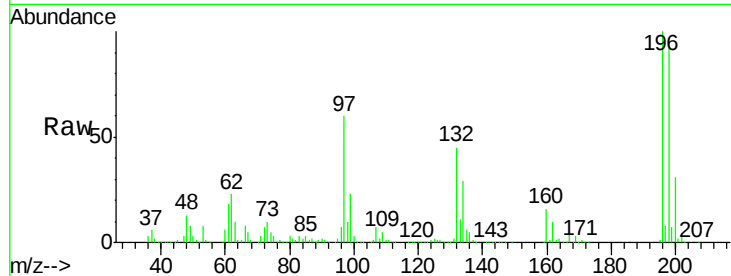
#38
 2,4,6-Trichlorophenol
 Concen: 61.447 ng/ul
 RT: 12.70 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BN006485.D
 Acq: 22 Jun 2019 12:55

Instrument :
 BNA_N
 ClientSampleId :
 A41T1

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.7	115.1
200	30.8	24.8	37.2

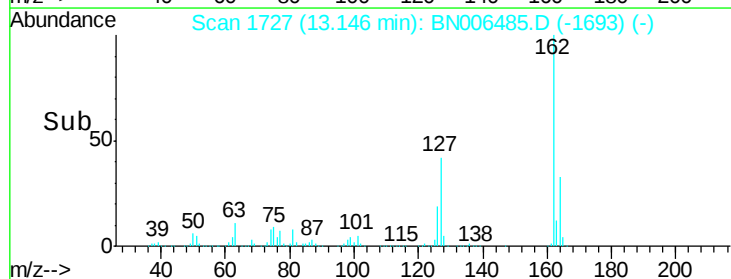
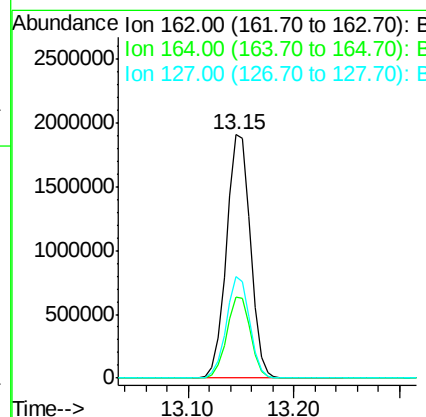
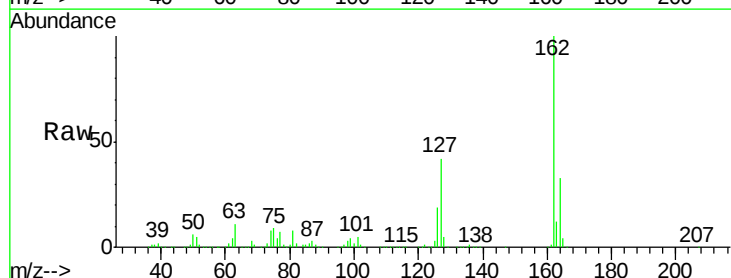
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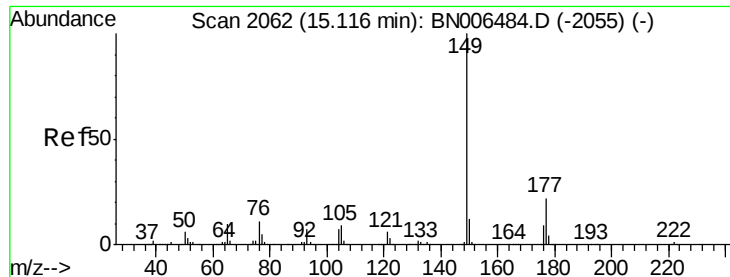
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#41
 2-Chloronaphthalene
 Concen: 54.705 ng/ul
 RT: 13.15 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: BN006485.D
 Acq: 22 Jun 2019 12:55

Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.2	26.2	39.4
127	41.6	31.4	47.0





#56

Diethylphthalate

Concen: 50.984 ng/ul

RT: 15.12 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BN006485.D

Acq: 22 Jun 2019 12:55

Instrument :

BNA_N

ClientSampleId :

A41T1

Tgt Ion:149 Resp: 3726704

Ion Ratio Lower Upper

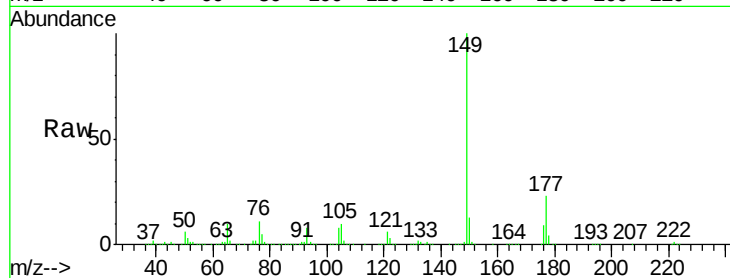
149 100

177 22.9 17.9 26.9

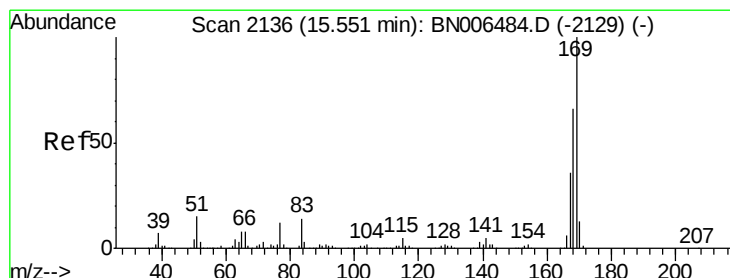
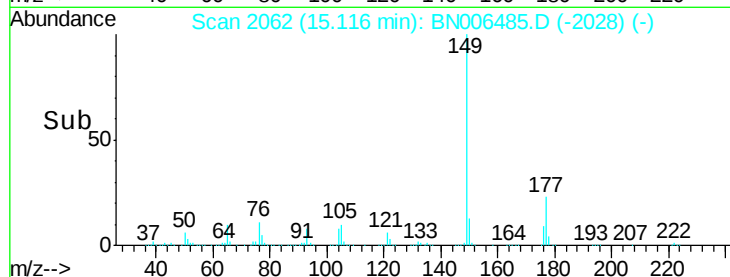
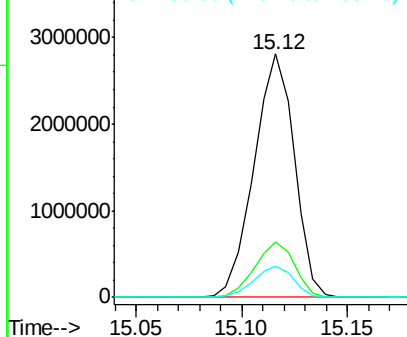
150 12.9 10.1 15.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#64

N-Nitrosodiphenylamine

Concen: 31.735 ng/ul

RT: 15.55 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BN006485.D

Acq: 22 Jun 2019 12:55

Tgt Ion:169 Resp: 1829899

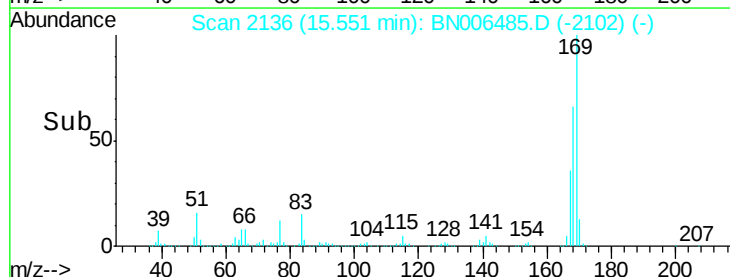
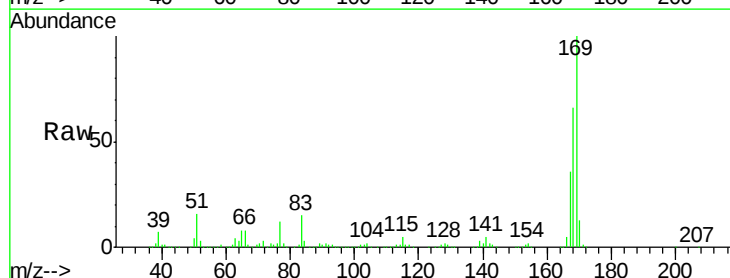
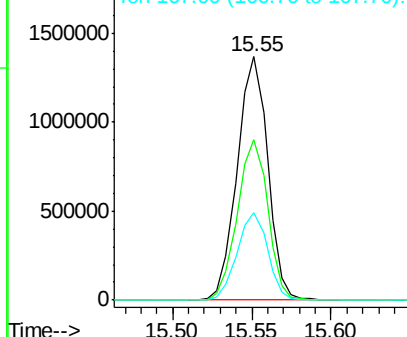
Ion Ratio Lower Upper

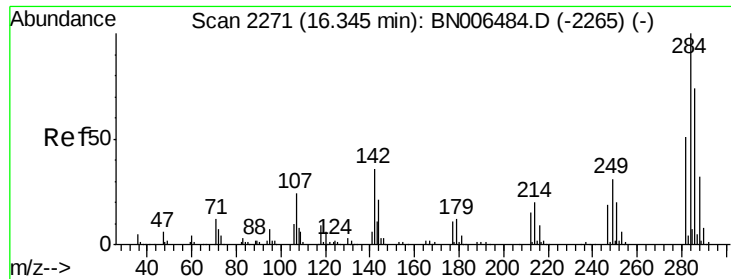
169 100

168 65.7 52.1 78.1

167 35.9 28.8 43.2

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#66

Hexachlorobenzene

Concen: 34.703 ng/ul

RT: 16.35 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BN006485.D

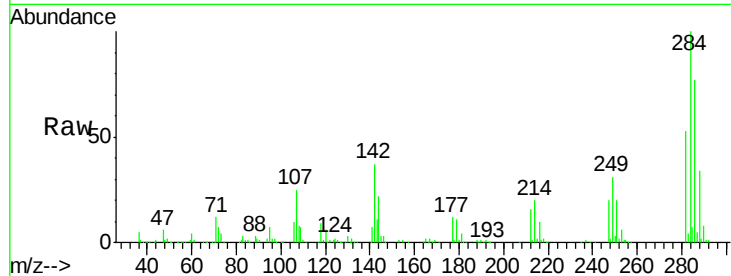
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Instrument :

BNA_N

ClientSampleId :

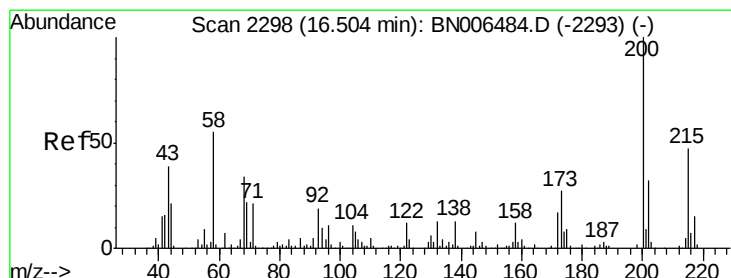
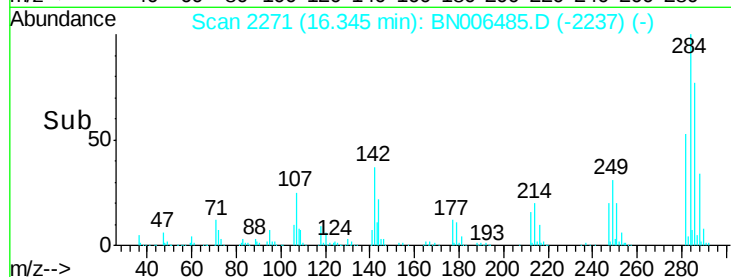
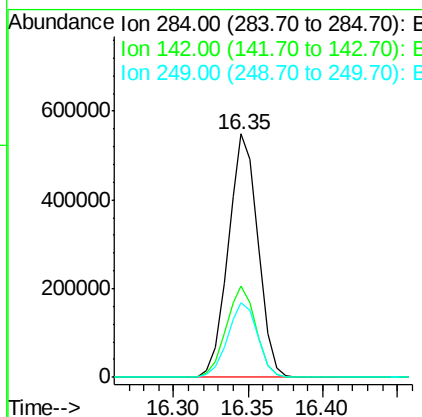
A41T1



Tgt Ion:	284	Resp:	762919
Ion Ratio	Lower	Upper	
284	100		
142	37.3	30.6	45.8
249	30.5	24.7	37.1

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#67

Atrazine

Concen: 44.708 ng/ul

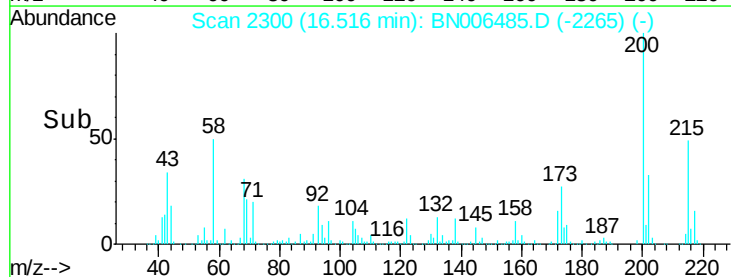
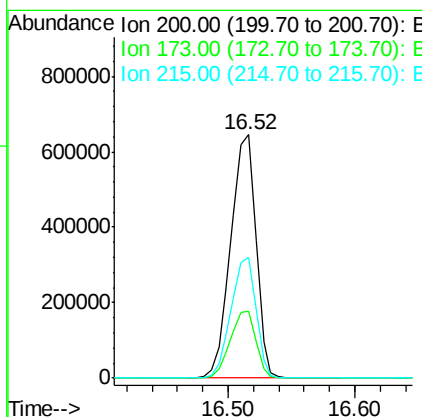
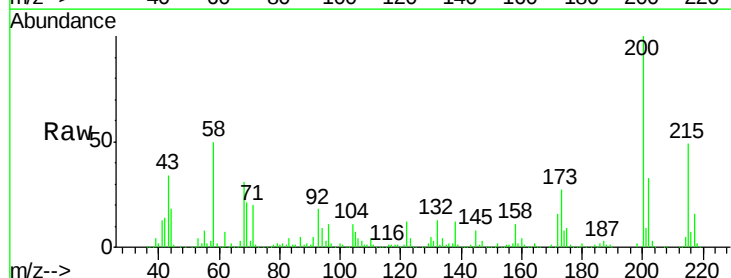
RT: 16.52 min Scan# 2300

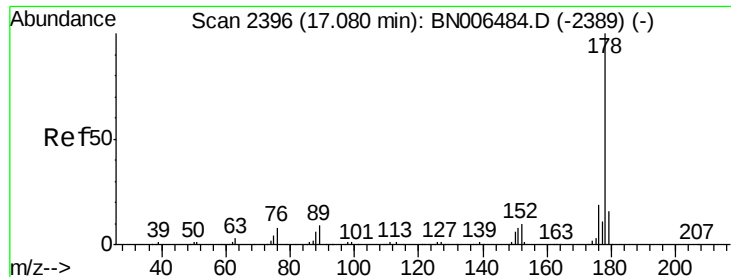
Delta R.T. 0.01 min

Lab File: BN006485.D

Acq: 22 Jun 2019 12:55

Tgt Ion:	200	Resp:	888380
Ion Ratio	Lower	Upper	
200	100		
173	27.3	22.6	33.8
215	49.4	40.2	60.2





#69

Phenanthrene

Concen: 37.267 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BN006485.D

Acq: 22 Jun 2019 12:55

Instrument :

BNA_N

ClientSampleId :

A41T1

Tgt Ion:178 Resp: 3935062

Ion Ratio Lower Upper

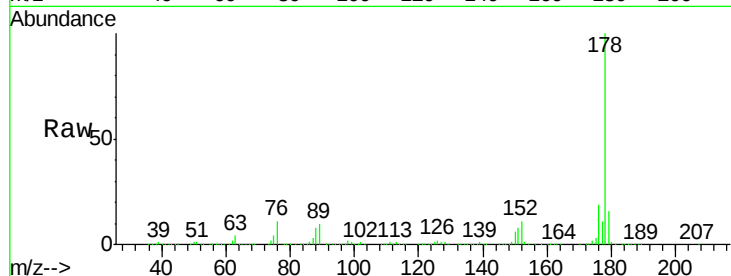
178 100

179 15.9 12.5 18.7

176 19.5 15.3 22.9

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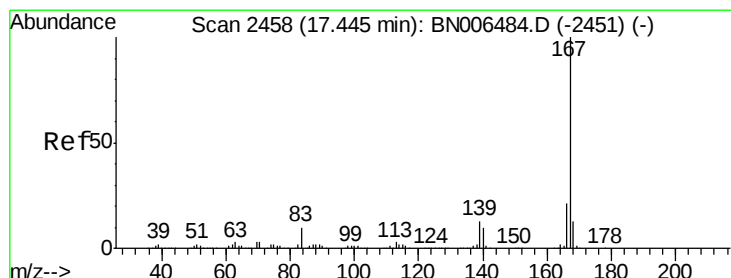
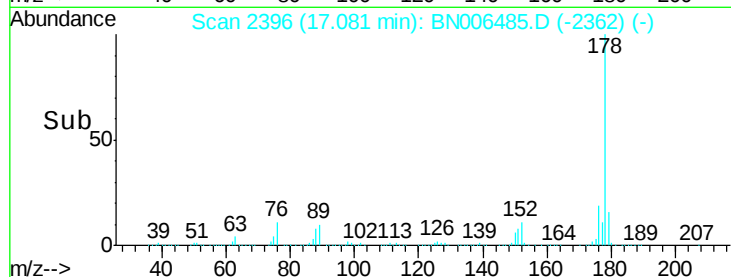
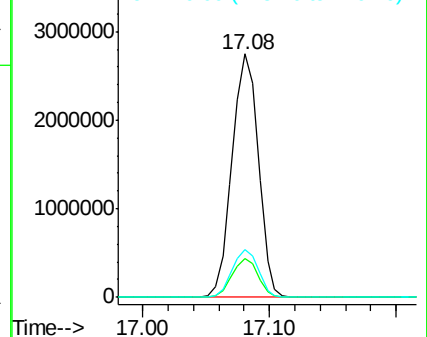
mohammad
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Carbazole

Concen: 58.635 ng/ul

RT: 17.45 min Scan# 2459

Delta R.T. 0.01 min

Lab File: BN006485.D

Acq: 22 Jun 2019 12:55

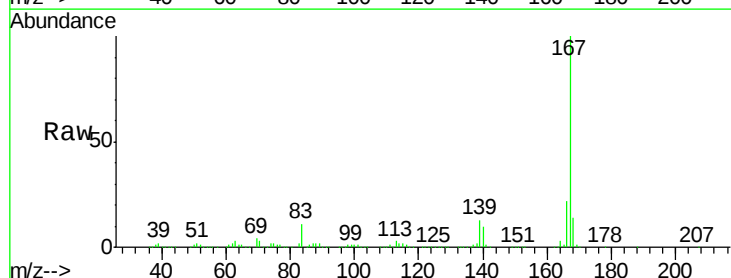
Tgt Ion:167 Resp: 5424131

Ion Ratio Lower Upper

167 100

166 21.9 17.1 25.7

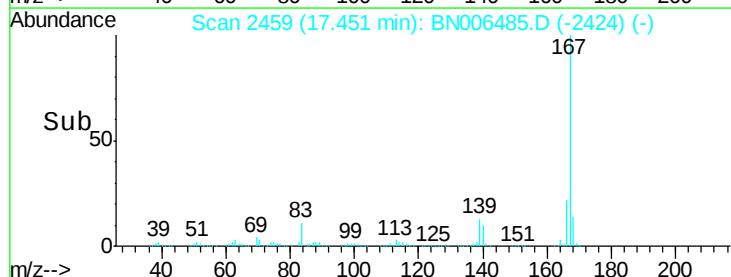
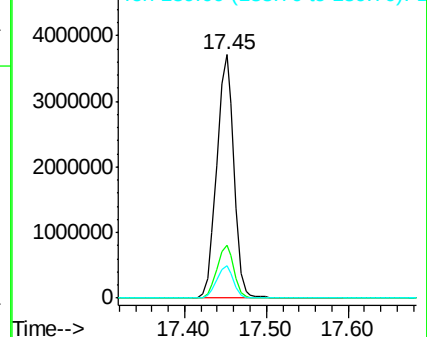
139 13.2 10.5 15.7

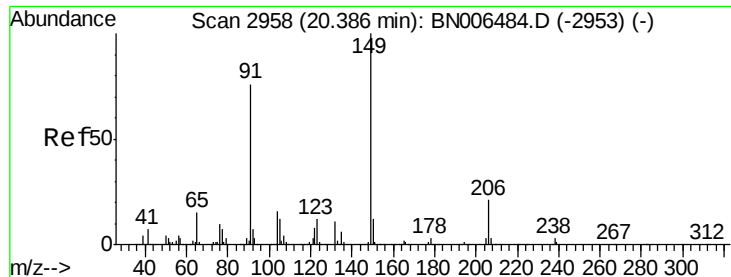


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





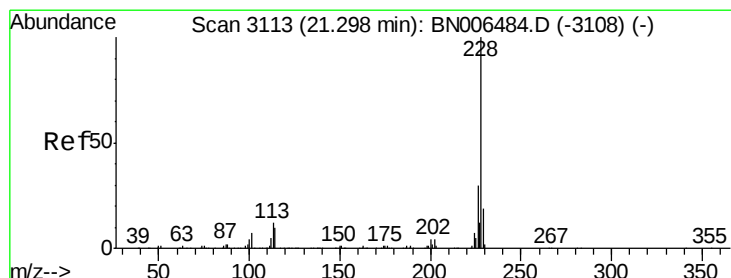
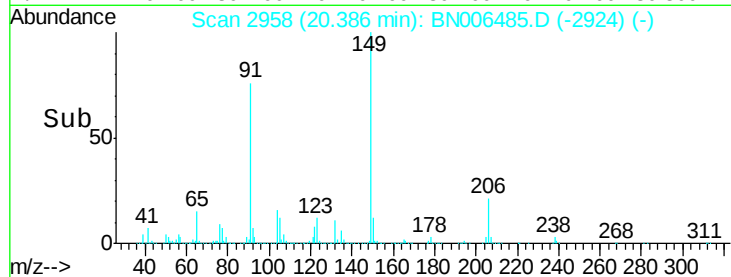
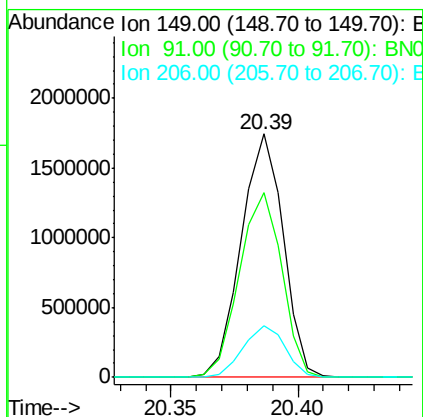
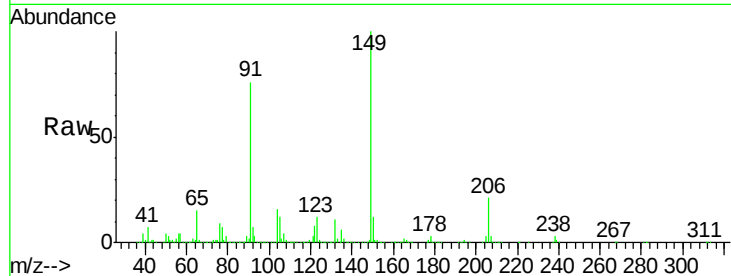
#80
Butylbenzylphthalate
Concen: 44.942 ng/ul
RT: 20.39 min Scan# 2958
Delta R.T. 0.00 min
Lab File: BN006485.D
Acq: 22 Jun 2019 12:55

Instrument :
BNA_N
ClientSampleId :
A41T1

Tgt Ion:149 Resp: 2018642
Ion Ratio Lower Upper
149 100
91 76.1 62.7 94.1
206 21.2 16.3 24.5

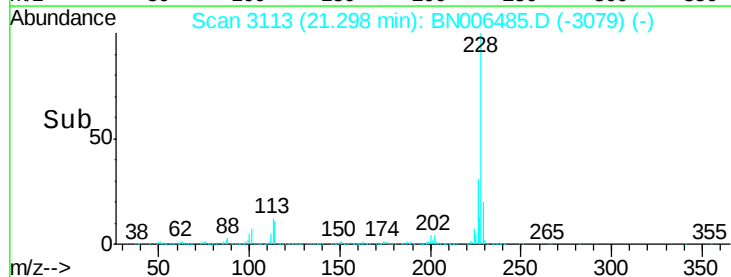
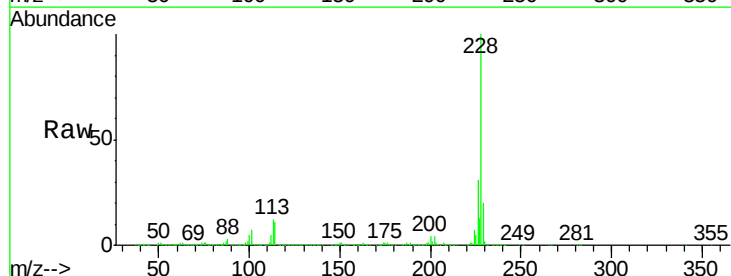
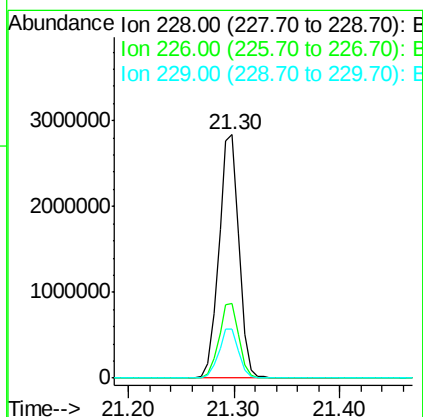
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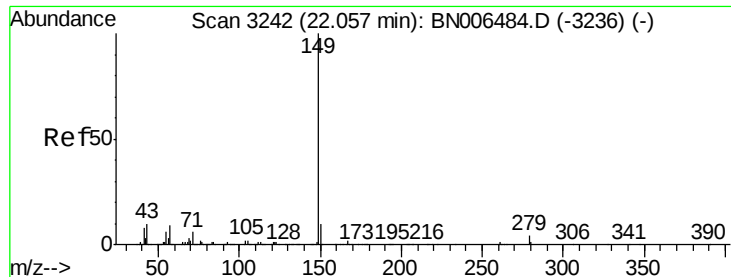
mohammad
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#84
Chrysene
Concen: 39.194 ng/ul
RT: 21.30 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BN006485.D
Acq: 22 Jun 2019 12:55

Tgt Ion:228 Resp: 3751330
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 20.0 15.9 23.9





#86

Di-n-octyl phthalate

Concen: 71.988 ng/u1

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BN006485.D

Acq: 22 Jun 2019 12:55

Instrument :

BNA_N

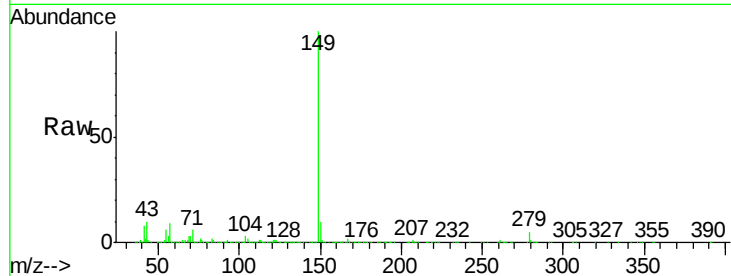
ClientSampleId :

A41T1

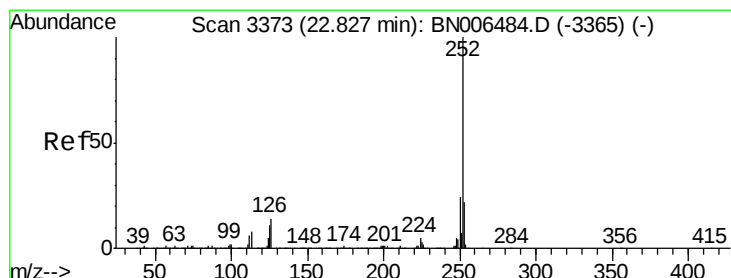
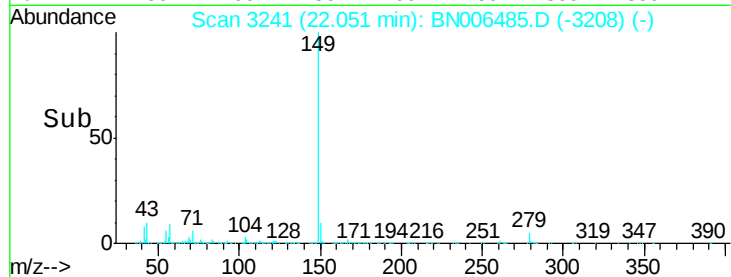
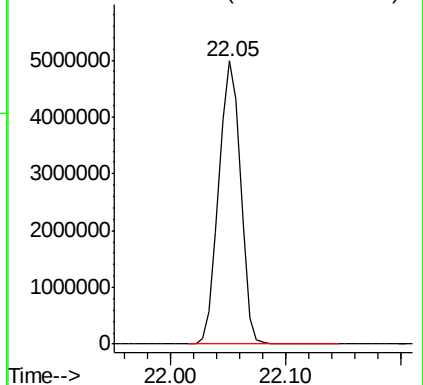
Tgt Ion:149 Resp: 6533346

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Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 51.297 ng/u1

RT: 22.83 min Scan# 3373

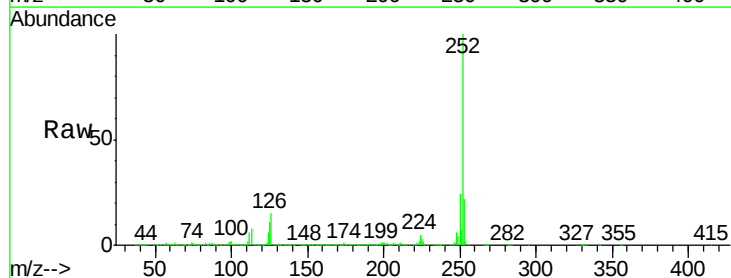
Delta R.T. 0.00 min

Lab File: BN006485.D

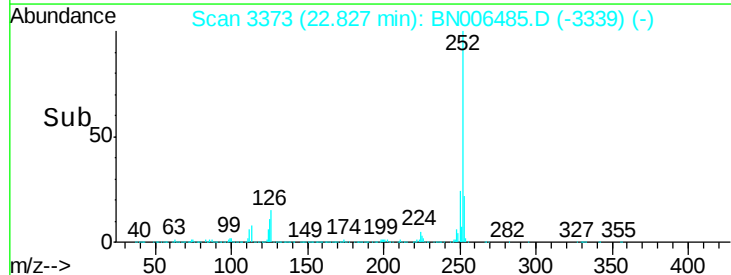
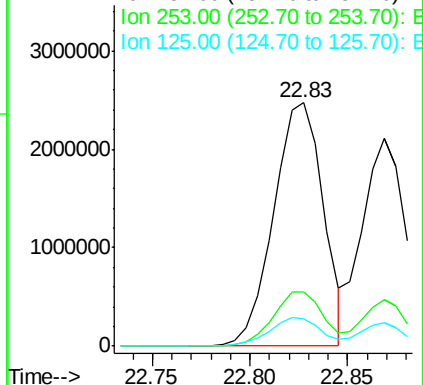
Acq: 22 Jun 2019 12:55

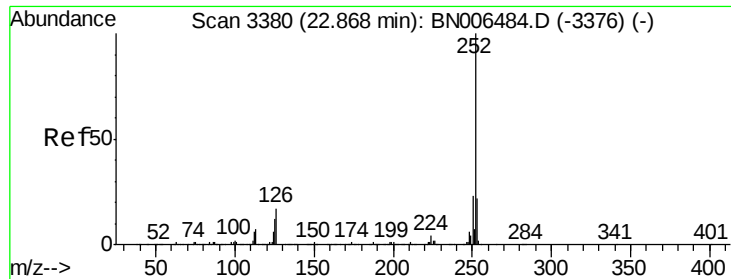
Tgt Ion:252 Resp: 4348356

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	11.4	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E





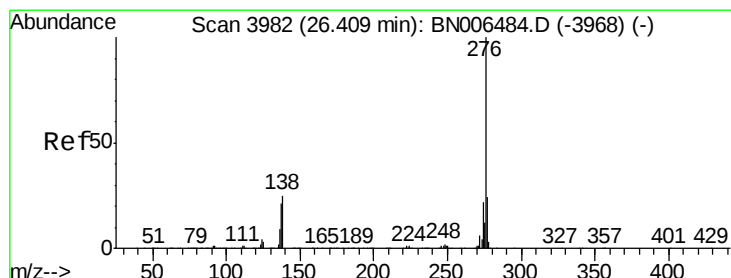
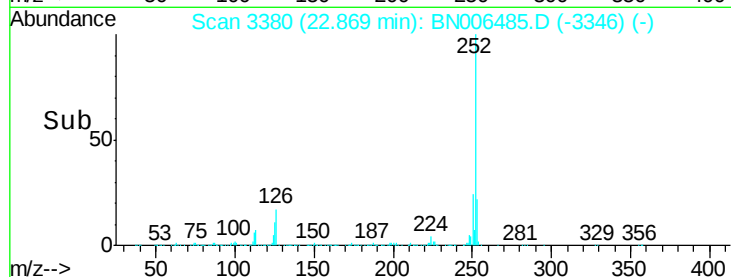
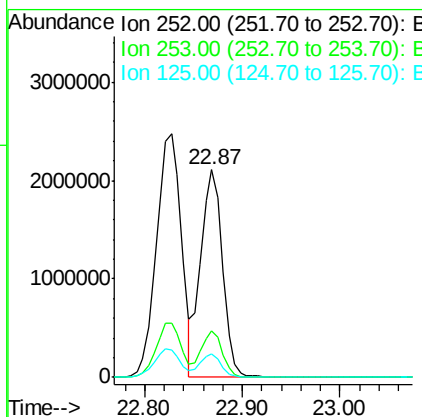
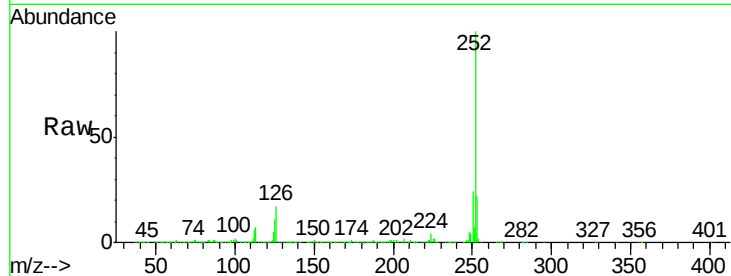
#88
Benzo(k)fluoranthene
Concen: 40.430 ng/u1
RT: 22.87 min Scan# 3380
Delta R.T. 0.00 min
Lab File: BN006485.D
Acq: 22 Jun 2019 12:55

Instrument :
BNA_N
ClientSampleId :
A41T1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	11.5	9.1	13.7

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#93
Benzo(g,h,i)perylene
Concen: 46.873 ng/u1
RT: 26.42 min Scan# 3983
Delta R.T. 0.00 min
Lab File: BN006485.D
Acq: 22 Jun 2019 12:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.1	28.7
277	24.4	19.4	29.0

