

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
 Data File : BN000039.D
 Acq On : 07 Feb 2018 15:45
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN020718

Manual Integrations
 APPROVED

Sohil
 2/8/2018 3:37:33 PM

Quant Time: Feb 07 18:37:13 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	318527	20.00	ng	0.00
21) Naphthalene-d8	11.31	136	1600929	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	969940	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2125963	20.00	ng	0.00
75) Chrysene-d12	21.95	240	2308245	20.00	ng	0.03
86) Perylene-d12	24.46	264	2503414	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	1645847	84.21	ng	0.00
7) Phenol-d6	7.59	99	2548955	86.10	ng	0.00
23) Nitrobenzene-d5	9.65	82	2397941	89.06	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	822888	85.71	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	5814901	84.50	ng	0.00
78) Terphenyl-d14	20.37	244	7315651	85.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	312649	39.755	ng	95
3) Pyridine	4.10	79	1045907	42.724	ng	97
4) n-Nitrosodimethylamine	4.00	42	281039	40.595	ng	# 88
6) Aniline	7.78	93	1727906	42.365	ng	90
8) 2-Chlorophenol	8.02	128	964277	42.190	ng	86
9) Benzaldehyde	7.59	77	776585	42.165	ng	84
10) Phenol	7.62	94	1334911	42.716	ng	86
11) bis(2-Chloroethyl)ether	7.87	93	1061533	41.301	ng	# 82
12) 1,3-Dichlorobenzene	8.36	146	1053346	40.560	ng	98
13) 1,4-Dichlorobenzene	8.51	146	1071585	40.406	ng	98
14) 1,2-Dichlorobenzene	8.83	146	1076672	41.242	ng	97
15) Benzyl Alcohol	8.70	79	938570	44.109	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.00	45	1111173	40.844	ng	80
17) 2-Methylphenol	8.90	107	964410	43.426	ng	94
18) Hexachloroethane	9.58	117	383614	41.552	ng	# 83
19) n-Nitroso-di-n-propylamine	9.28	70	868145	43.762	ng	# 82
20) 3+4-Methylphenols	9.23	107	1362577	43.869	ng	92
22) Acetophenone	9.30	105	1906829	42.505	ng	# 88
24) Nitrobenzene	9.69	77	1287811	43.749	ng	# 91
25) Isophorone	10.21	82	2478922	44.536	ng	97
26) 2-Nitrophenol	10.41	139	466746	40.087	ng	# 89
27) 2,4-Dimethylphenol	10.45	122	1038571	43.039	ng	94
28) bis(2-Chloroethoxy)methane	10.69	93	1510551	42.315	ng	97
29) 2,4-Dichlorophenol	10.94	162	952250	42.641	ng	97
30) 1,2,4-Trichlorobenzene	11.17	180	1061389	41.271	ng	97
31) Naphthalene	11.36	128	3670810	41.824	ng	98
32) Benzoic acid	10.55	122	679004	40.116	ng	85
33) 4-Chloroaniline	11.46	127	1663851	43.154	ng	94
34) Hexachlorobutadiene	11.64	225	555211	41.634	ng	97
35) Caprolactam	12.20	113	414729	42.948	ng	93
36) 4-Chloro-3-methylphenol	12.54	107	1221009	43.066	ng	96
37) 2-Methylnaphthalene	12.94	142	2588464	42.387	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	1189062	41.533	ng	# 96
40) Hexachlorocyclopentadiene	13.27	237	482273	40.411	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	731904	42.654	nq	98
43) 2,4,5-Trichlorophenol	13.59	196	873381	42.340	nq	95
45) 1,1'-Biphenyl	13.92	154	3583871	41.953	nq	98
46) 2-Chloronaphthalene	13.97	162	2685349	41.895	nq	97
47) 2-Nitroaniline	14.16	65	765939	41.479	nq #	82
48) Acenaphthylene	14.81	152	4493800	43.516	nq	98
49) Dimethylphthalate	14.52	163	3530037	43.537	nq	99
50) 2,6-Dinitrotoluene	14.64	165	726217	43.387	nq	93
51) Acenaphthene	15.15	154	2845830	42.335	nq	99
52) 3-Nitroaniline	14.97	138	889447	43.715	nq #	89
53) 2,4-Dinitrophenol	15.17	184	203436	39.542	nq #	1
54) Dibenzofuran	15.47	168	4035020	42.384	nq	96
55) 4-Nitrophenol	15.25	139	656307	41.890	nq #	82
56) 2,4-Dinitrotoluene	15.42	165	984228	41.678	nq	92
57) Fluorene	16.12	166	3334440	42.896	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.69	232	708286m	43.508	nq	
59) Diethylphthalate	15.87	149	3650889	44.309	nq	97
60) 4-Chlorophenyl-phenylether	16.10	204	1493649	42.164	nq	92
61) 4-Nitroaniline	16.12	138	946374	45.268	nq	89
62) Azobenzene	16.39	77	3622706	44.168	nq	91
64) 4,6-Dinitro-2-methylphenol	16.17	198	375692	39.260	nq	88
65) n-Nitrosodiphenylamine	16.31	169	2965263	42.865	nq	96
66) 4-Bromophenyl-phenylether	16.99	248	845333	41.813	nq #	85
67) Hexachlorobenzene	17.10	284	984300	41.690	nq #	88
68) Atrazine	17.23	200	958922	42.592	nq	93
69) Pentachlorophenol	17.44	266	601112	40.113	nq	98
70) Phenanthrene	17.85	178	5290775	42.131	nq	100
71) Anthracene	17.93	178	5284961	43.464	nq	99
72) Carbazole	18.19	167	5348093	43.658	nq	98
73) Di-n-butylphthalate	18.73	149	6107327	45.162	nq	99
74) Fluoranthene	19.82	202	5862019	44.495	nq	93
76) Benzidine	19.99	184	3049095	41.439	nq #	94
77) Pyrene	20.18	202	6298893	42.936	nq	98
79) Butylbenzylphthalate	21.05	149	2758097	40.568	nq	98
80) Benzo(a)anthracene	21.93	228	6086654	42.901	nq	99
81) 3,3'-Dichlorobenzidine	21.85	252	2214876	42.504	nq #	98
82) Chrysene	21.99	228	6017525	42.561	nq	98
83) Bis(2-ethylhexyl)phthalate	21.83	149	4285619	41.889	nq #	95
84) Di-n-octyl phthalate	22.80	149	6856070	40.793	nq #	93
85) Indeno(1,2,3-cd)pyrene	22.04	276	7732995	44.525	nq #	86
87) Benzo(b)fluoranthene	23.70	252	6317936	43.116	nq #	97
88) Benzo(k)fluoranthene	23.74	252	6352218	43.042	nq #	94
89) Benzo(a)pyrene	24.35	252	6092754	43.358	nq #	95
90) Dibenzo(a,h)anthracene	27.05	278	6509122	44.295	nq #	91
91) Benzo(g,h,i)perylene	27.83	276	6571384	44.224	nq #	88

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

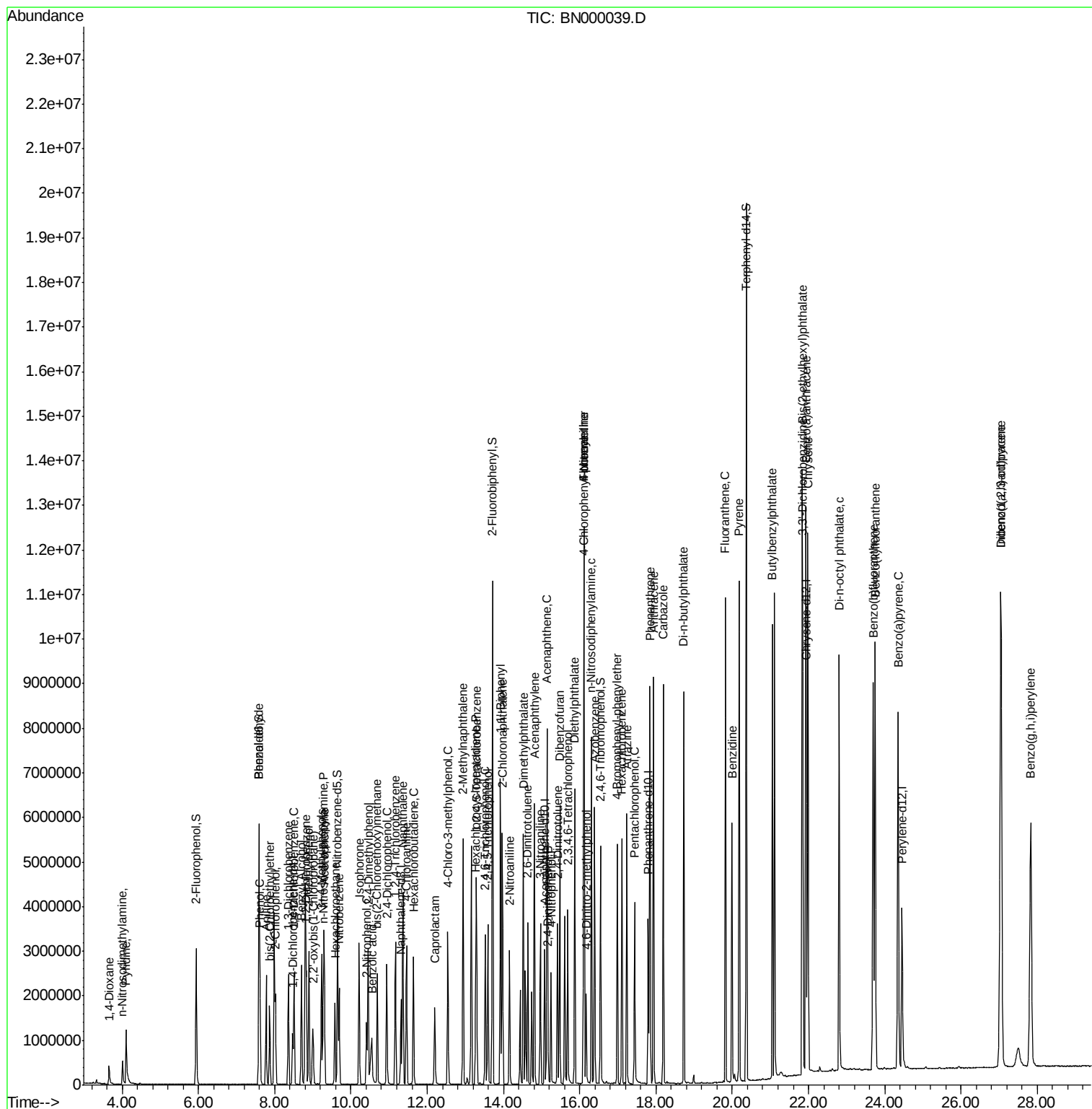
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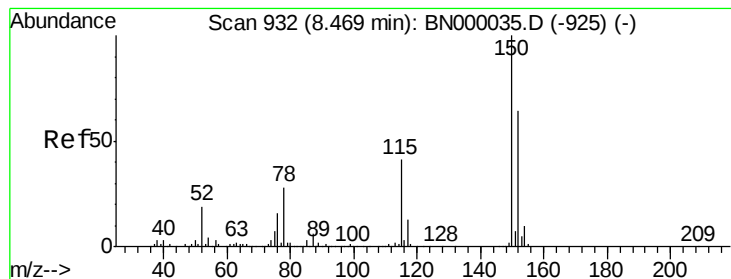
Instrument :
BNA_N
ClientSampled :
ICVBN020718

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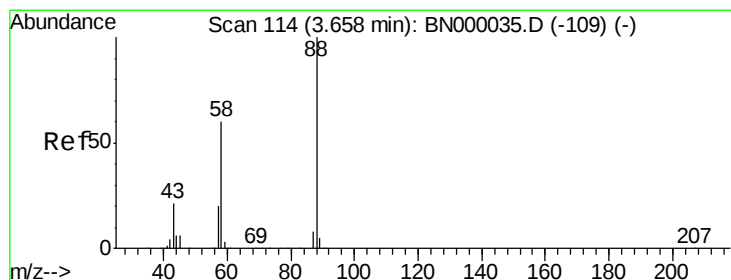
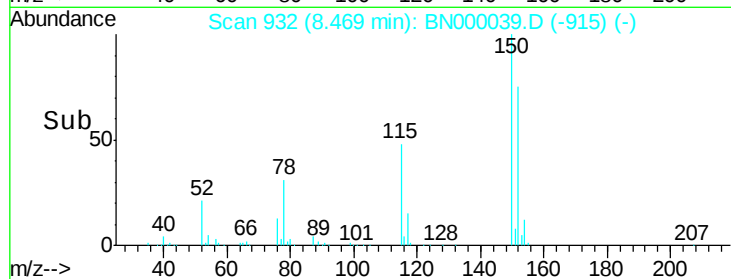
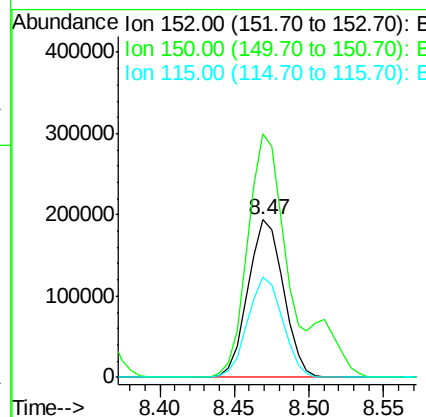
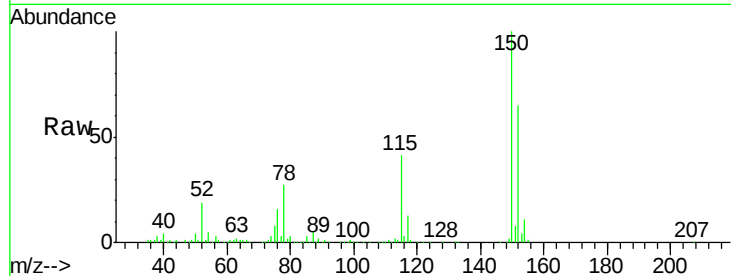
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.47 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BN000039.D
 Acq: 07 Feb 2018 15:45

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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.6	189.8
115	64.0	53.0	79.4

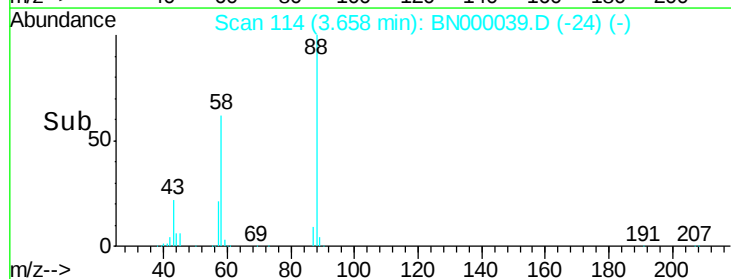
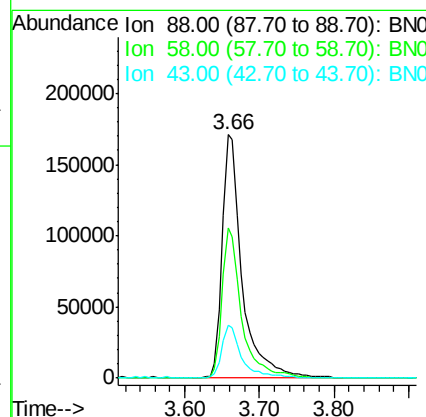
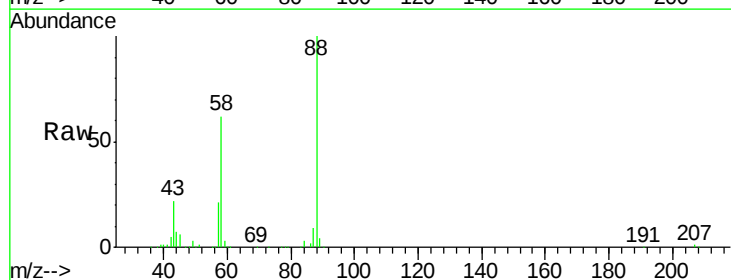
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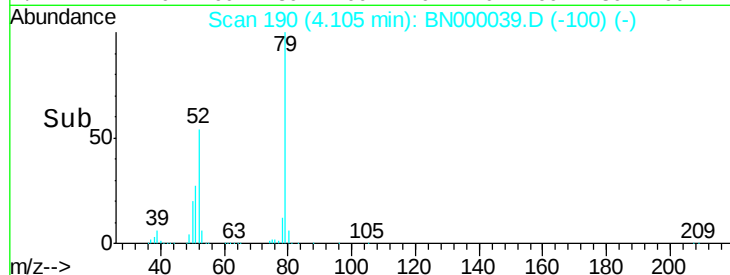
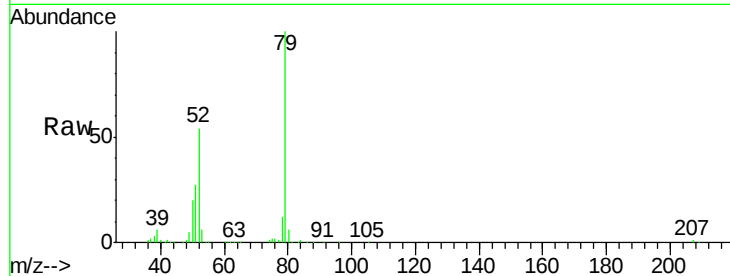
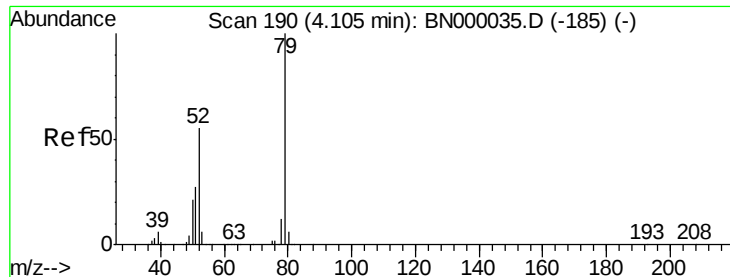
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#2
 1,4-Dioxane
 Concen: 39.755 ng
 RT: 3.66 min Scan# 114
 Delta R.T. 0.00 min
 Lab File: BN000039.D
 Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.1	52.0	78.0
43	22.7	20.0	30.0





#3
Pvridine
Concen: 42.724 ng
RT: 4.10 min Scan# 190
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

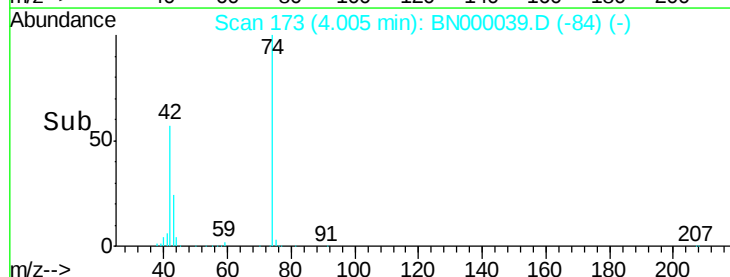
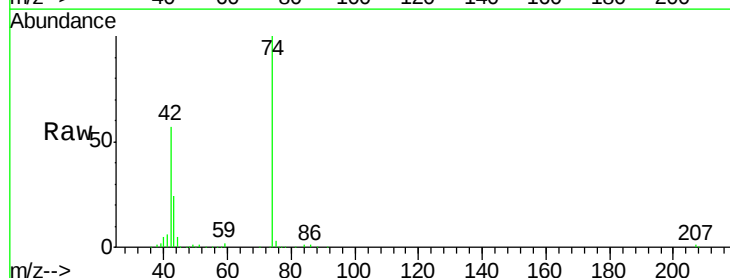
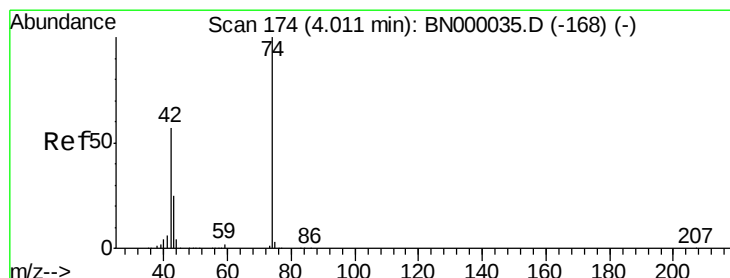
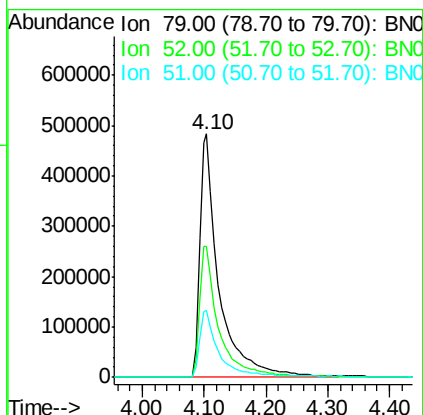
Tot Ion: 79 Resp: 1045907

Ion	Ratio	Lower	Upper
79	100		
52	54.0	44.0	66.0
51	27.4	24.0	36.0

Instrument :
BNA_N
ClientSampleId :
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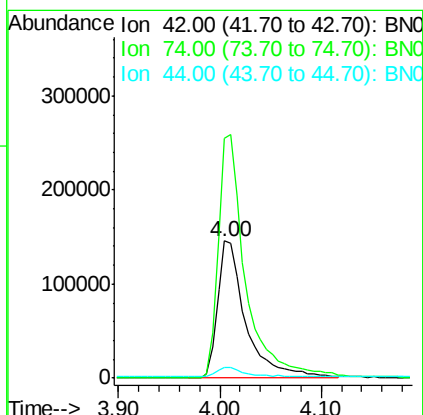
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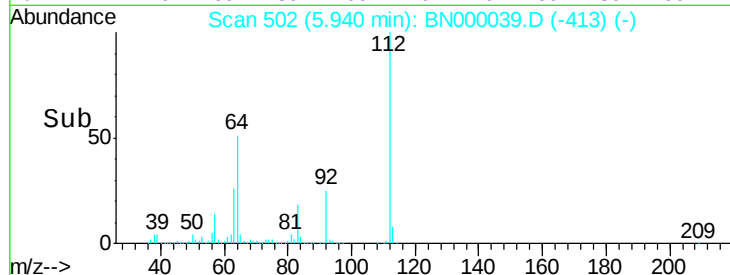
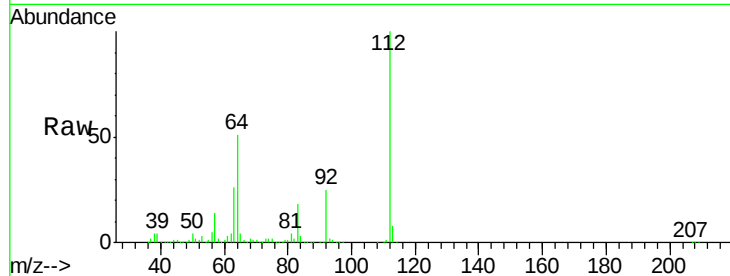
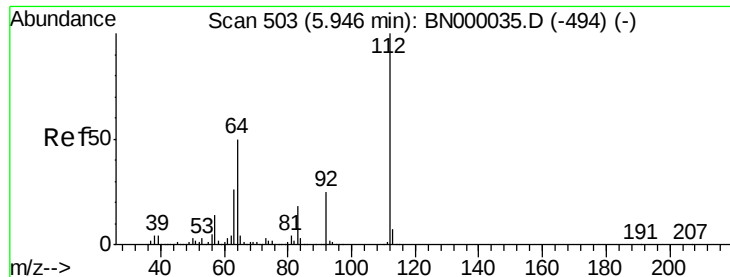


#4
n-Nitrosodimethylamine
Concen: 40.595 ng
RT: 4.00 min Scan# 173
Delta R.T. -0.01 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion: 42 Resp: 281039

Ion	Ratio	Lower	Upper
42	100		
74	174.9	128.0	192.0
44	8.1	12.0	18.0





#5

2-Fluorophenol

Concen: 84.211 ng

RT: 5.94 min Scan# 502

Delta R.T. -0.01 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Tot Ion:	112	Resp:	1645847
Ion	Ratio	Lower	Upper
112	100		
64	51.3	56.3	84.5#
63	26.4	30.1	45.1#

Instrument :

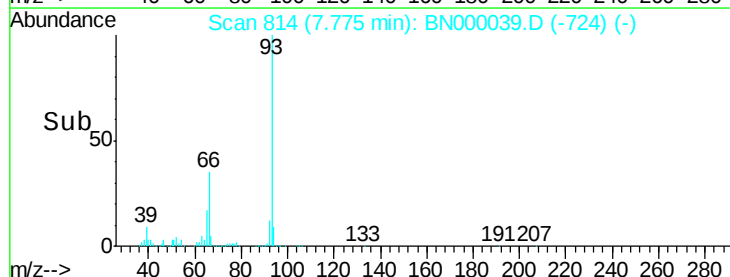
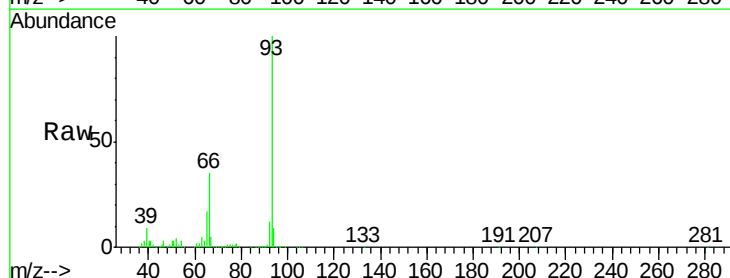
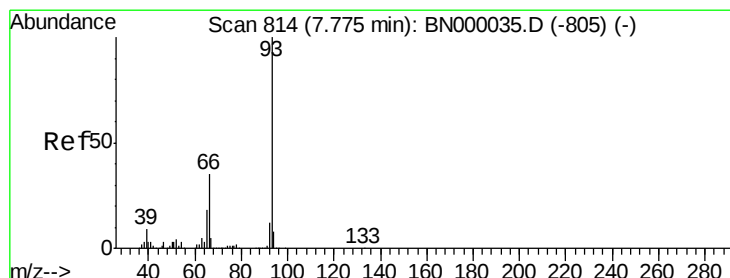
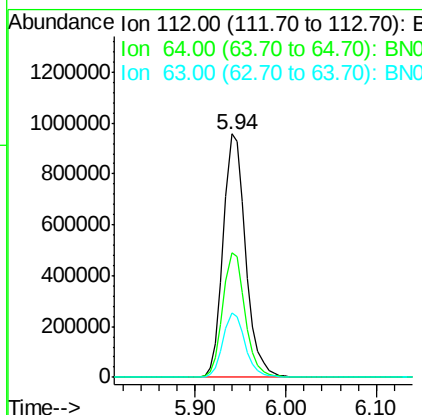
BNA_N

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#6

Aniline

Concen: 42.365 ng

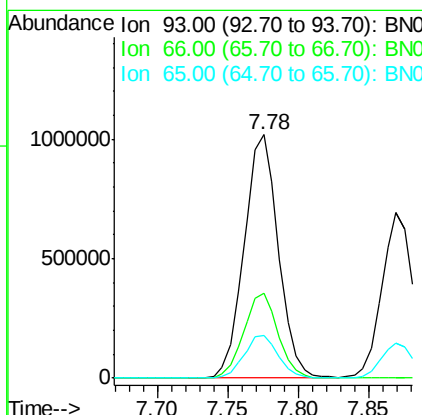
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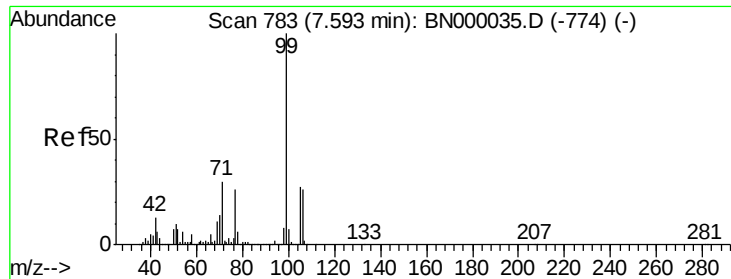
Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Tgt Ion:	93	Resp:	1727906
Ion	Ratio	Lower	Upper
93	100		
66	34.8	33.7	50.5
65	17.4	16.1	24.1





#7

Phenol-d6

Concen: 86.099 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Instrument :

BNA_N

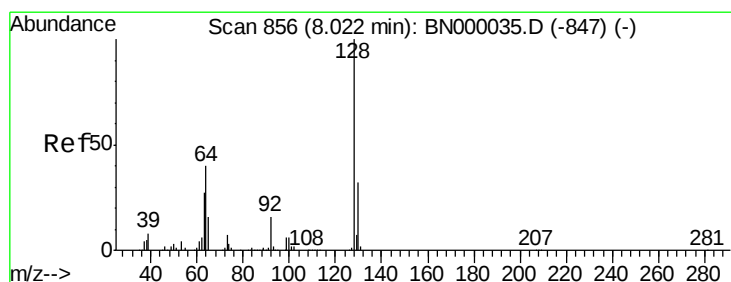
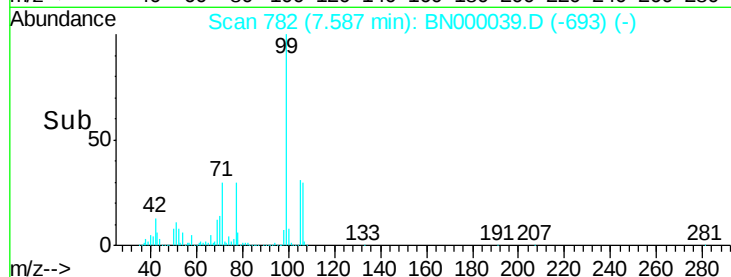
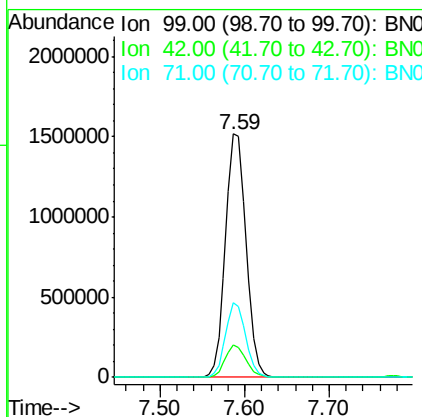
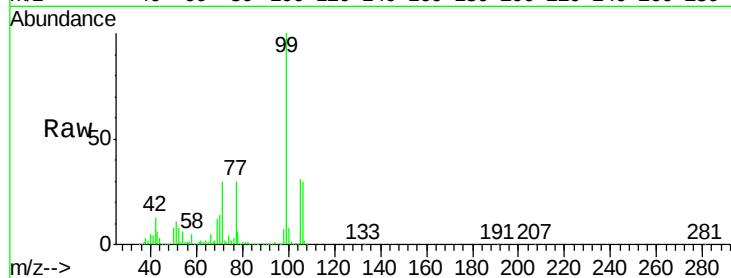
ClientSampleId :

ICVBN020718

Tot Ion:	99	Resp:	2548955
Ion	Ratio	Lower	Upper
99	100		
42	13.2	14.1	21.1#
71	30.5	26.1	39.1

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#8

2-Chlorophenol

Concen: 42.190 ng

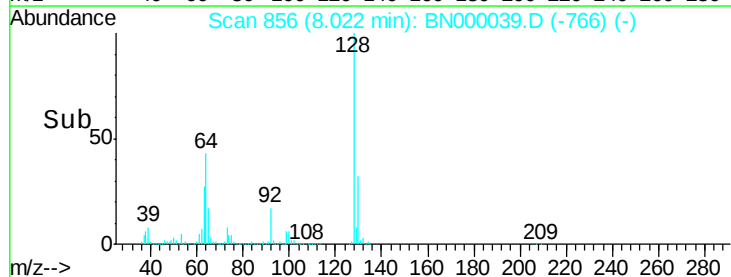
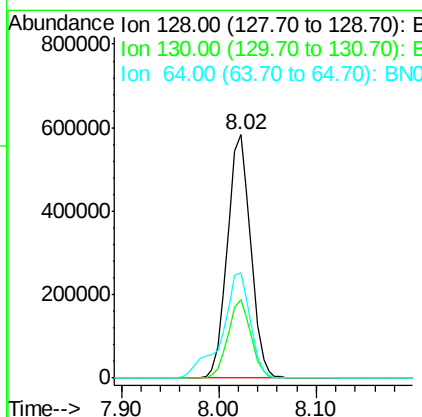
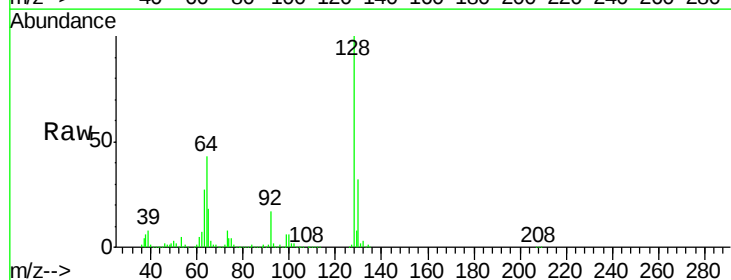
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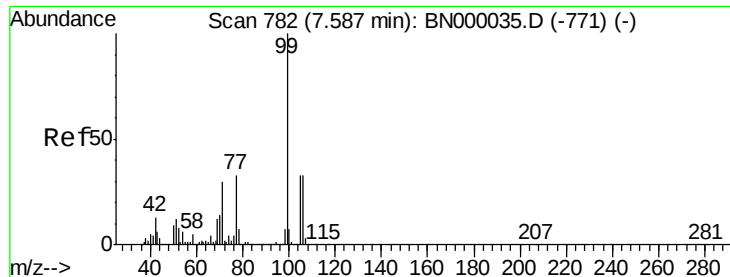
Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Tgt Ion:	128	Resp:	964277
Ion	Ratio	Lower	Upper
128	100		
130	32.2	14.0	54.0
64	43.2	37.7	77.7





#9

Benzaldehyde

Concen: 42.165 ng

RT: 7.59 min Scan# 782

Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Instrument :

BNA_N

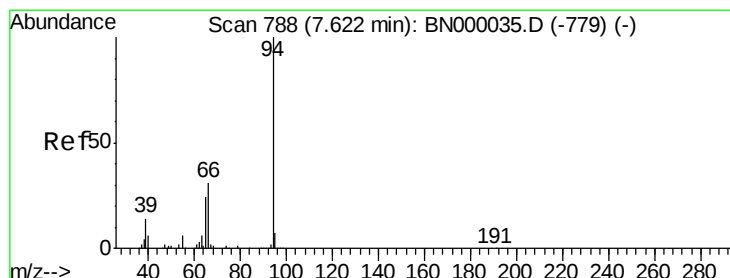
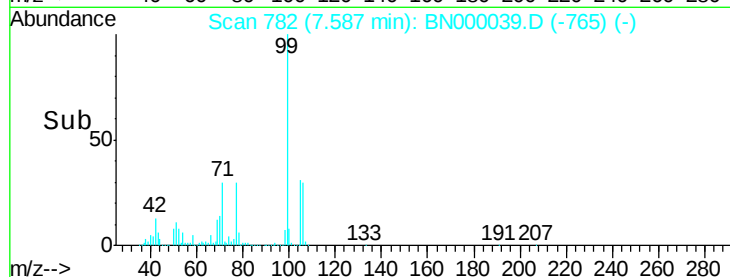
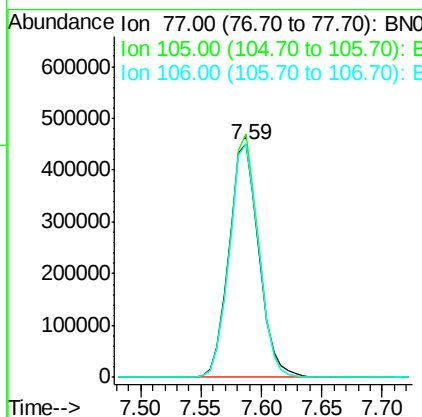
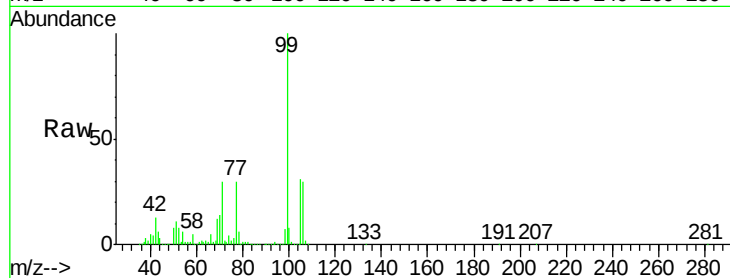
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	104.3	71.3	111.3		
106	100.1	64.2	104.2		

Manual Integrations
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#10

Phenol

Concen: 42.716 ng

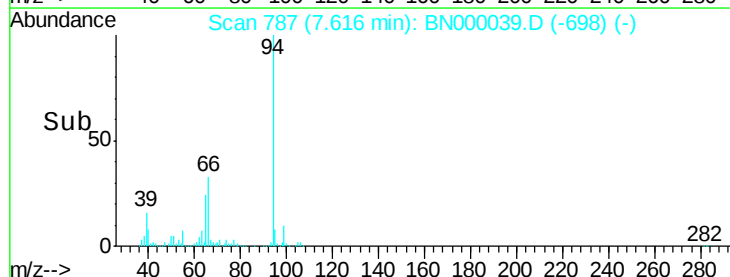
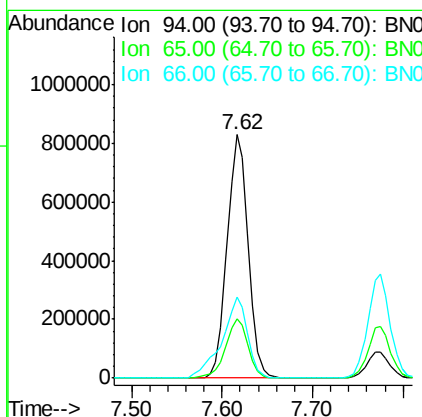
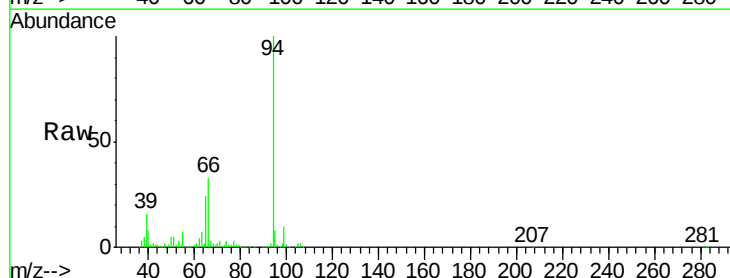
RT: 7.62 min Scan# 787

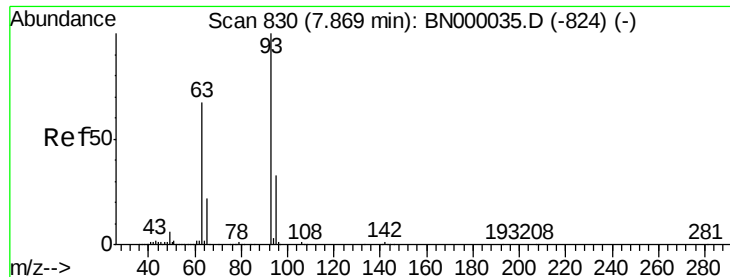
Delta R.T. -0.01 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	24.2	11.9	51.9		
66	33.2	22.2	62.2		





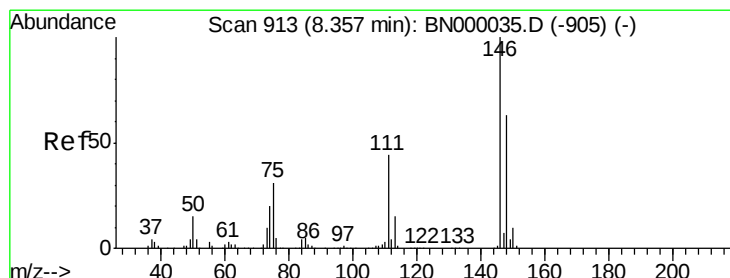
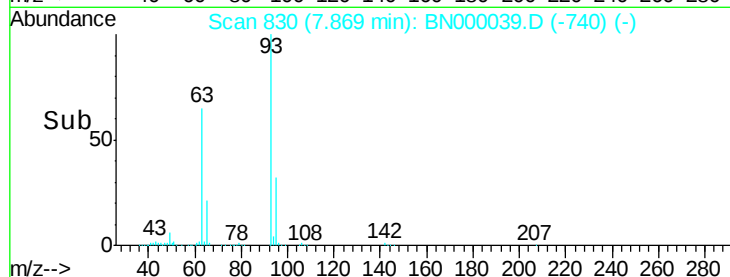
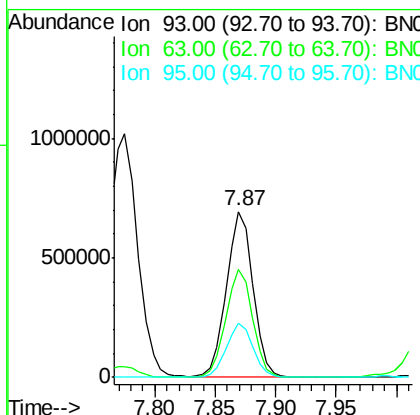
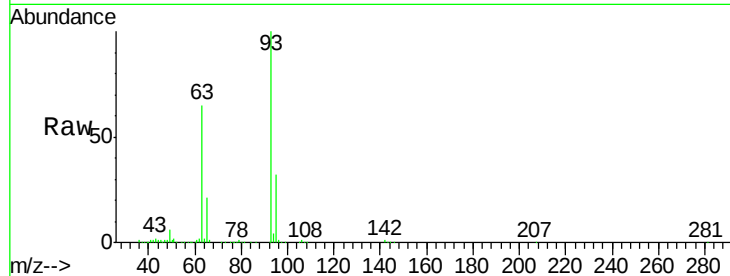
#11
bis(2-Chloroethyl)ether
Concen: 41.301 ng
RT: 7.87 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampled :
ICVBN020718

Tot Ion: 93 Resp: 1061533
Ion Ratio Lower Upper
93 100
63 65.2 67.1 107.1#
95 32.5 11.5 51.5

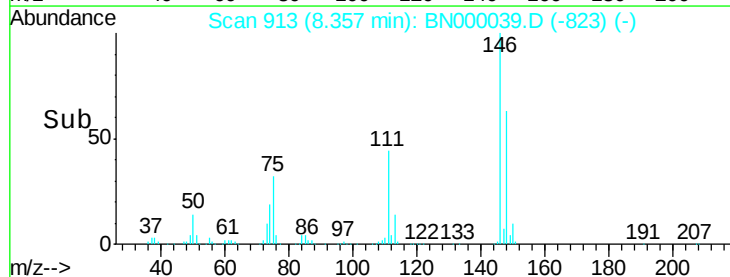
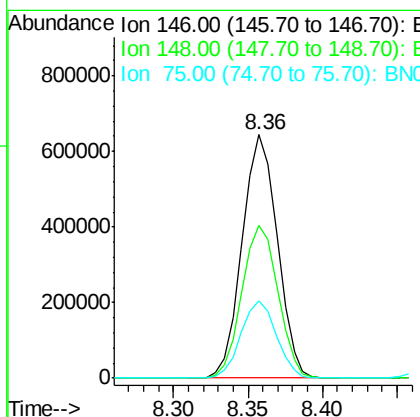
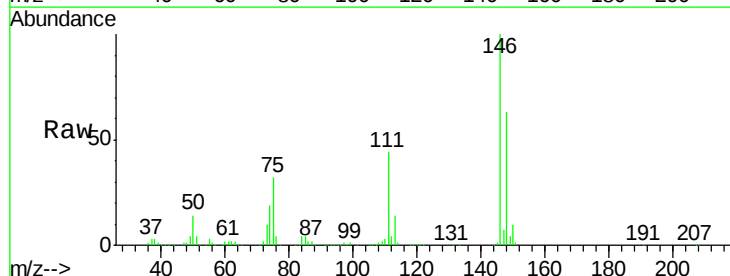
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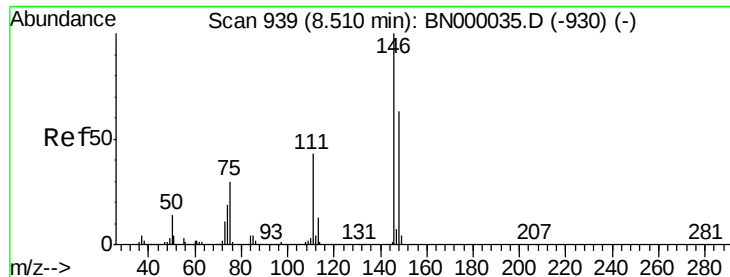
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#12
1,3-Dichlorobenzene
Concen: 40.560 ng
RT: 8.36 min Scan# 913
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion: 146 Resp: 1053346
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.2
75 31.6 26.6 39.8





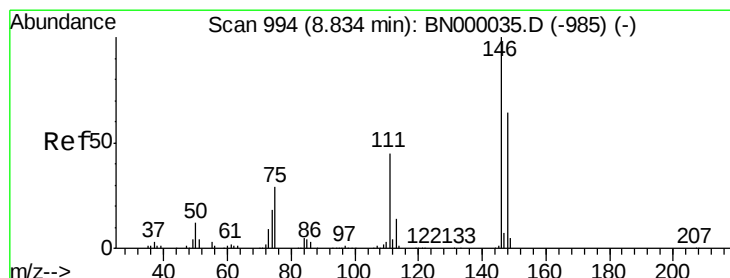
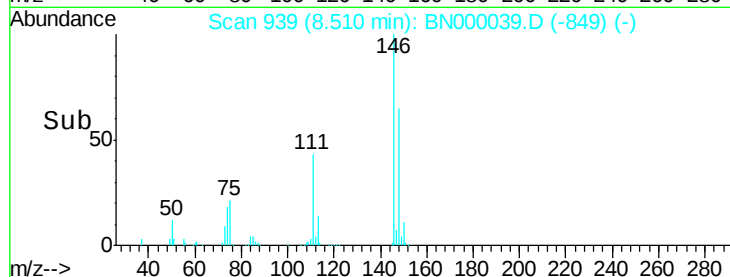
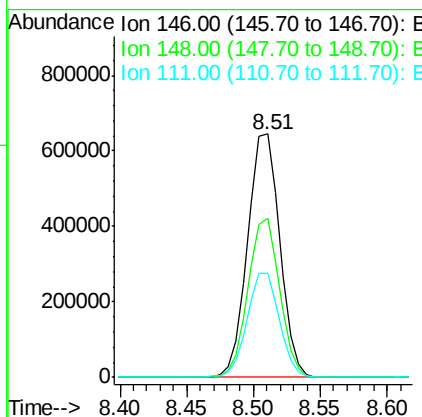
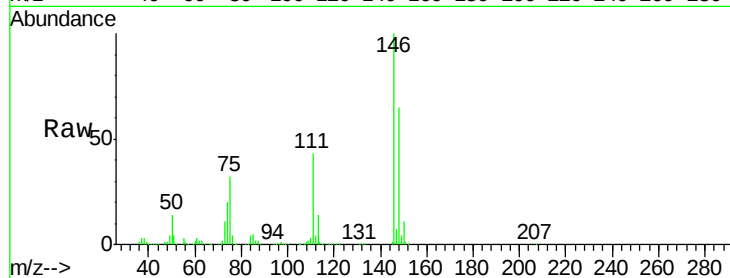
#13
 1,4-Dichlorobenzene
 Concen: 40.406 ng
 RT: 8.51 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BN000039.D
 Acq: 07 Feb 2018 15:45

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN020718

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.7	80.5
111	42.8	35.2	52.8

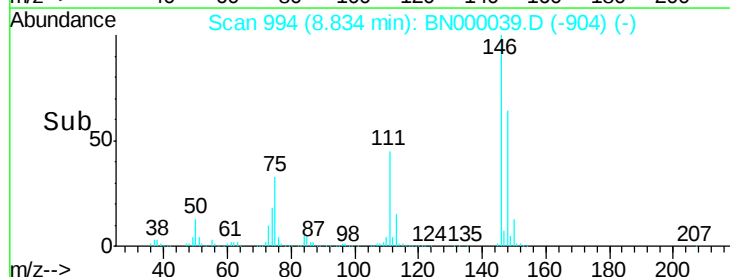
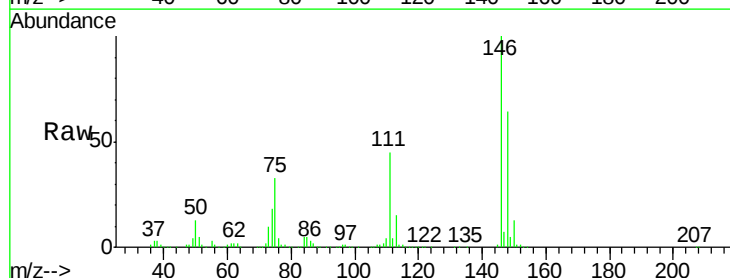
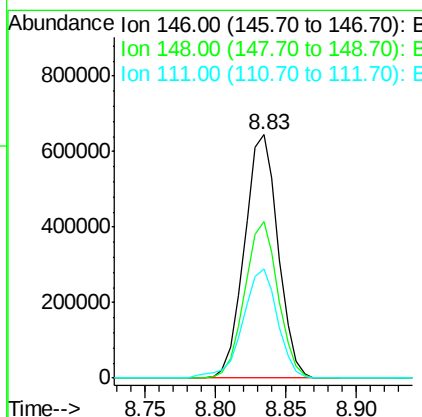
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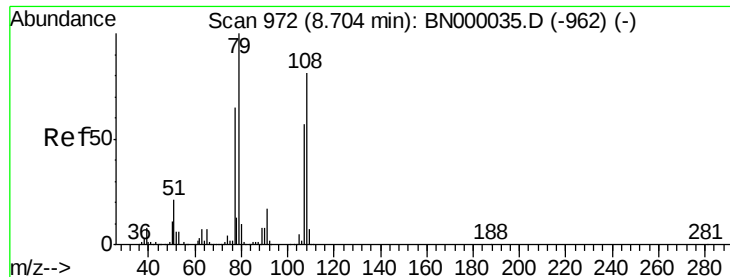
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#14
 1,2-Dichlorobenzene
 Concen: 41.242 ng
 RT: 8.83 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BN000039.D
 Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	49.3	73.9
111	45.0	34.3	51.5





#15

Benzyl Alcohol

Concen: 44.109 ng

RT: 8.70 min Scan# 971

Delta R.T. -0.01 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Instrument :

BNA_N

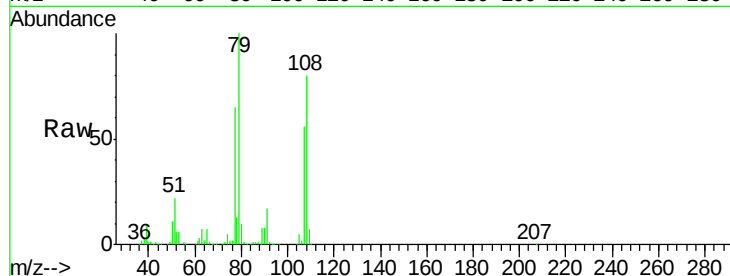
ClientSampleId :

ICVBN020718

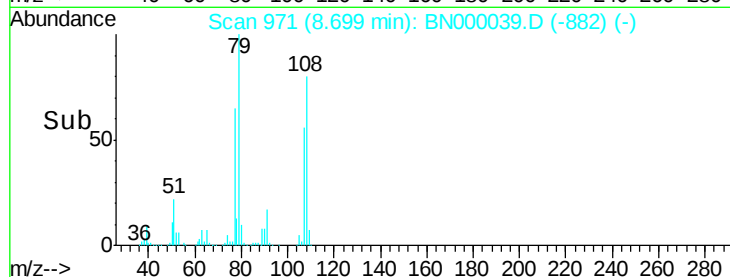
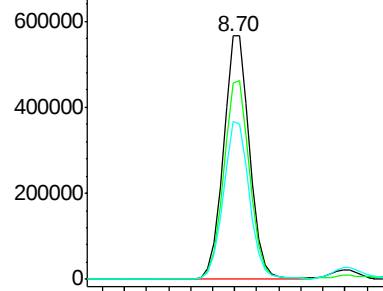
Tot Ion:	79	Resp:	938570
Ion	Ratio	Lower	Upper
79	100		
108	80.4	57.2	85.8
77	64.8	46.1	69.1

Manual Integrations
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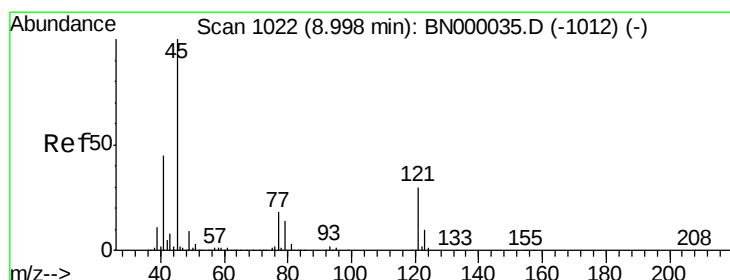
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Abundance Ion 79.00 (78.70 to 79.70): BN0
Ion 108.00 (107.70 to 108.70): BN0
Ion 77.00 (76.70 to 77.70): BN0



Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.844 ng

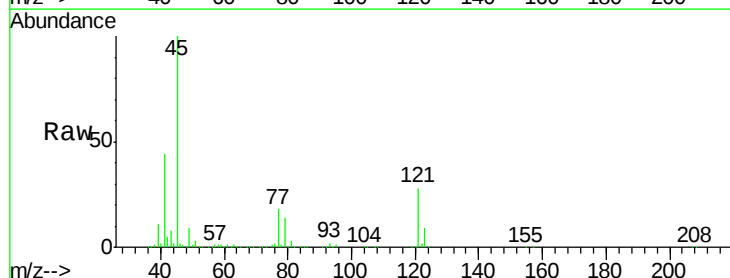
RT: 9.00 min Scan# 1022

Delta R.T. 0.00 min

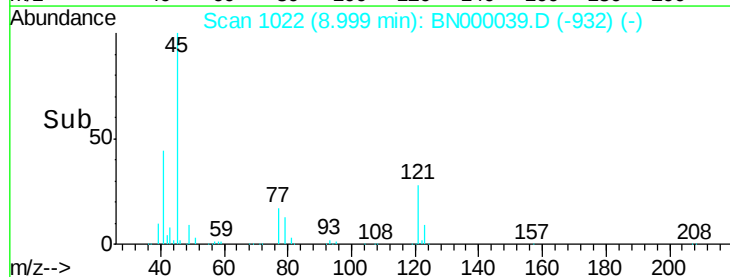
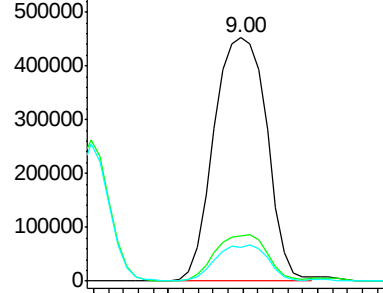
Lab File: BN000039.D

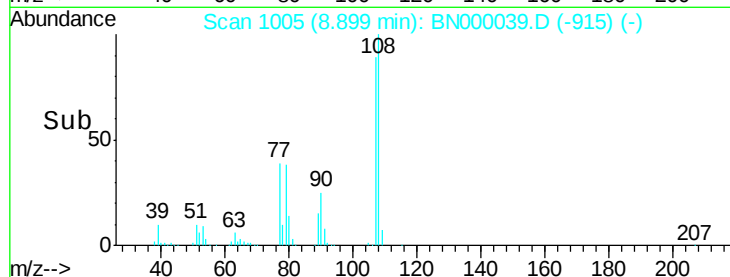
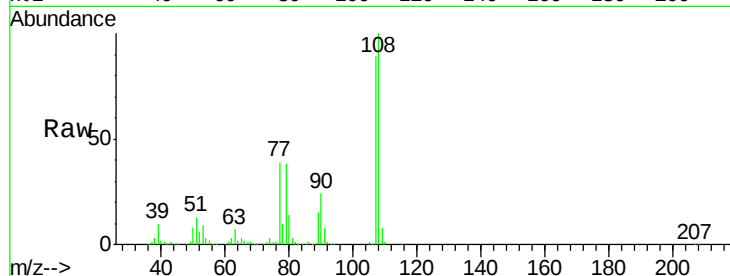
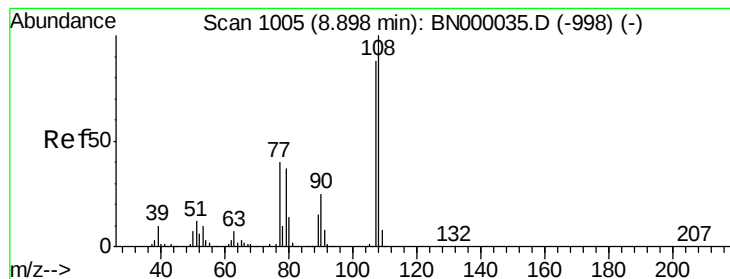
Acq: 07 Feb 2018 15:45

Tgt Ion:	45	Resp:	1111173
Ion	Ratio	Lower	Upper
45	100		
77	18.4	0.0	30.2
79	14.1	0.0	27.9



Abundance Ion 45.00 (44.70 to 45.70): BN0
Ion 77.00 (76.70 to 77.70): BN0
Ion 79.00 (78.70 to 79.70): BN0





#17

2-Methylphenol

Concen: 43.426 ng

RT: 8.90 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	112.4	83.9	125.9	
77	77	43.5	37.2	55.8	
79	79	42.3	36.2	54.2	

Instrument :

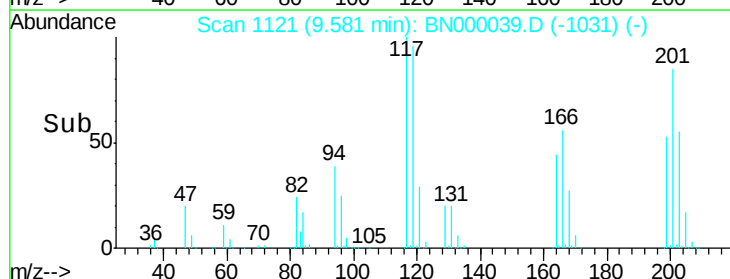
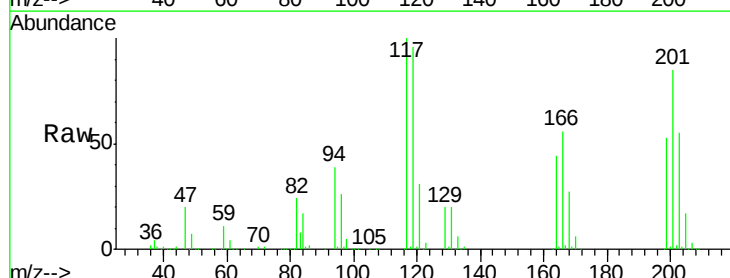
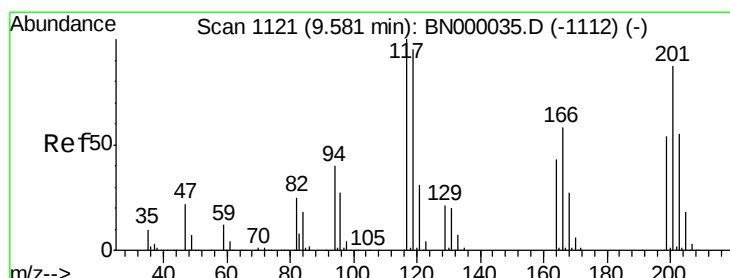
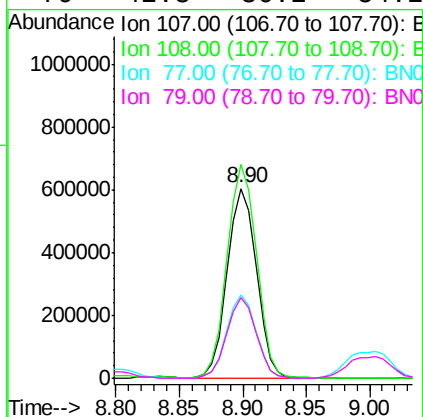
BNA_N

ClientSampleId :

ICVBN020718

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#18

Hexachloroethane

Concen: 41.552 ng

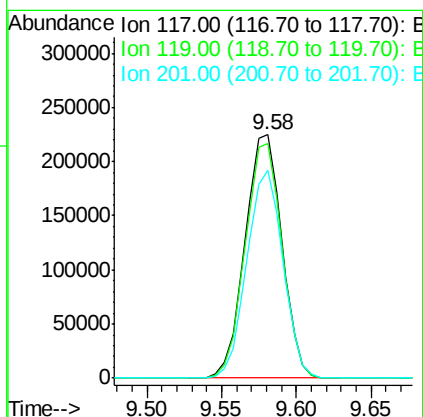
RT: 9.58 min Scan# 1121

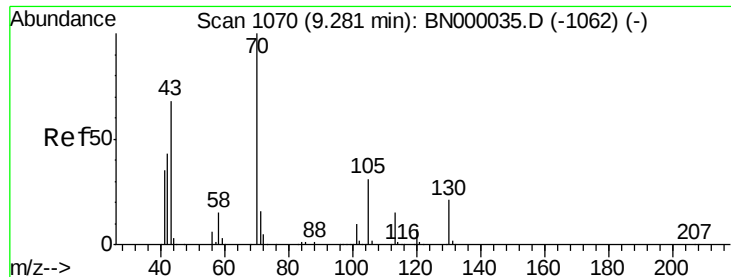
Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	96.4	76.7	115.1	
201	201	85.5	95.7	143.5#	





#19

n-Nitroso-di-n-propylamine

Concen: 43.762 ng

RT: 9.28 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Instrument :

BNA_N

ClientSampleId :

ICVBN020718

Tot Ion: 70 Resp: 868145

Ion Ratio Lower Upper

70 100

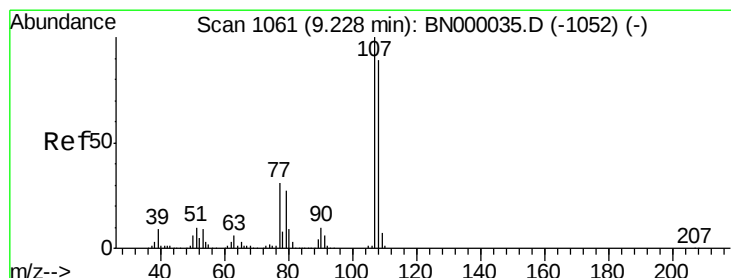
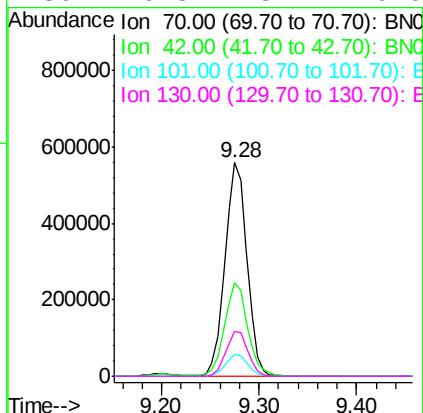
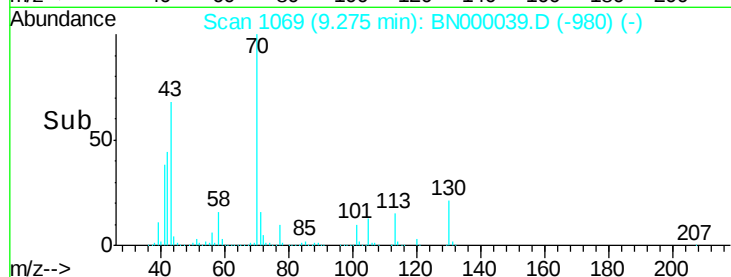
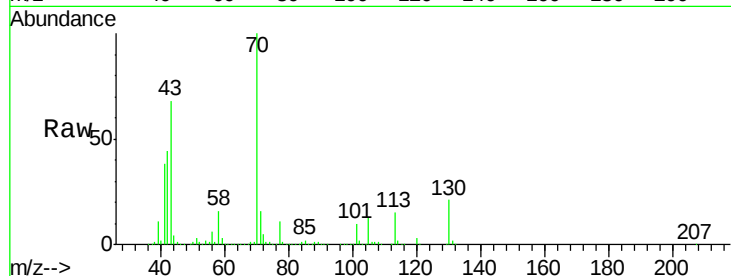
42 44.0 49.1 73.7#

101 10.2 8.5 12.7

130 20.8 13.4 20.0#

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#20

3+4-Methylphenols

Concen: 43.869 ng

RT: 9.23 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Tgt Ion: 107 Resp: 1362577

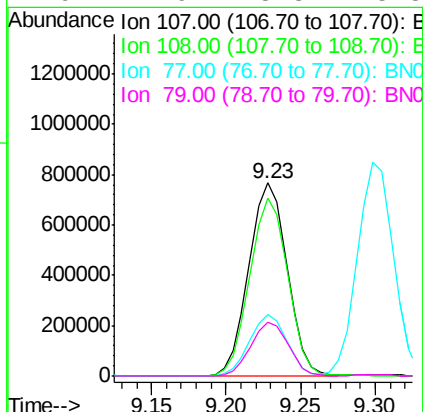
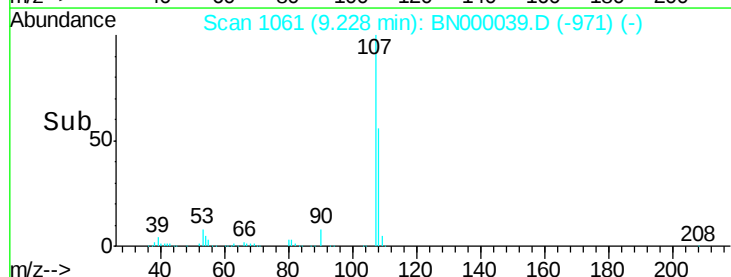
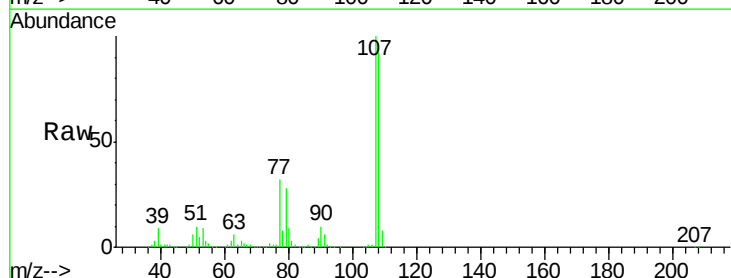
Ion Ratio Lower Upper

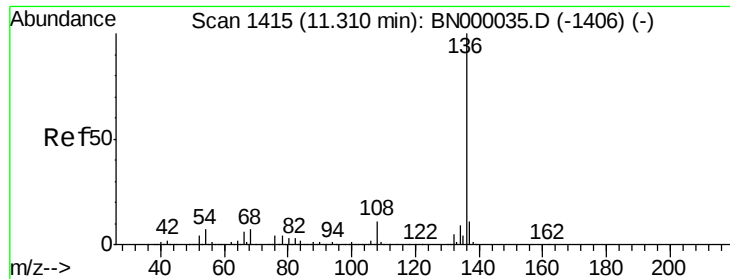
107 100

108 92.0 61.6 101.6

77 32.0 13.9 53.9

79 27.9 8.8 48.8





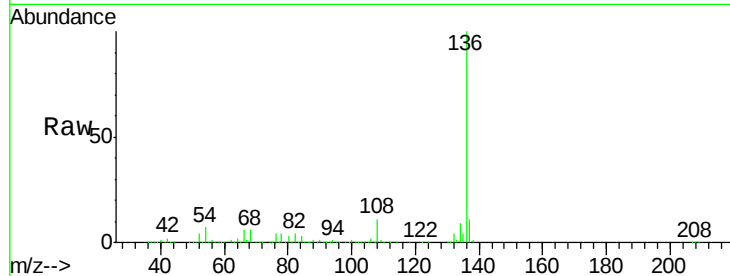
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.31 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampleId :
ICVBN020718

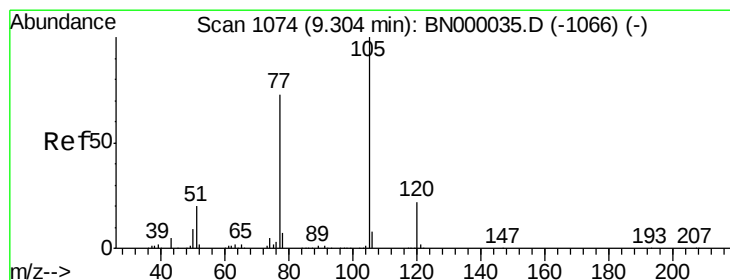
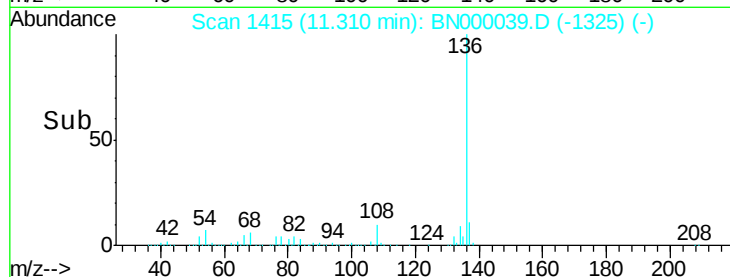
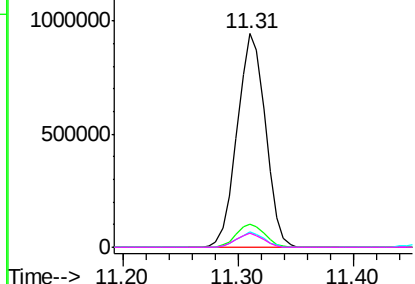
Tot Ion	136	Resp	1600929
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.0	10.3	15.5#
68	6.4	4.5	6.7

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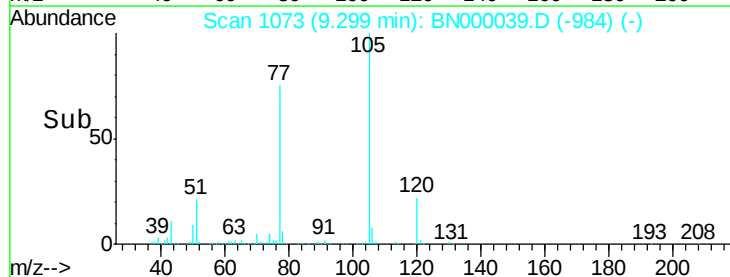
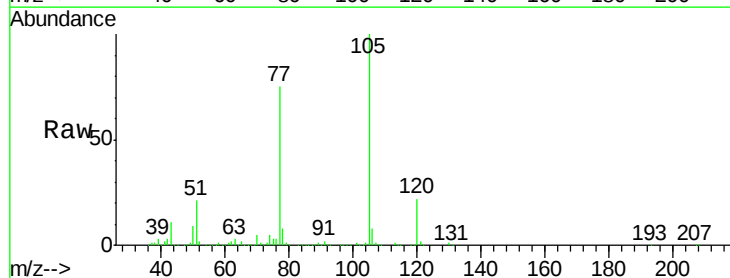
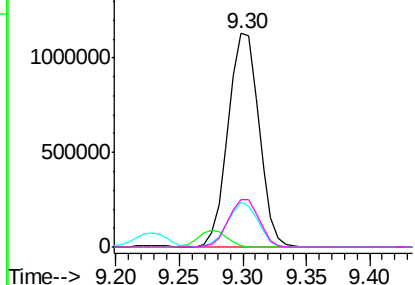
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

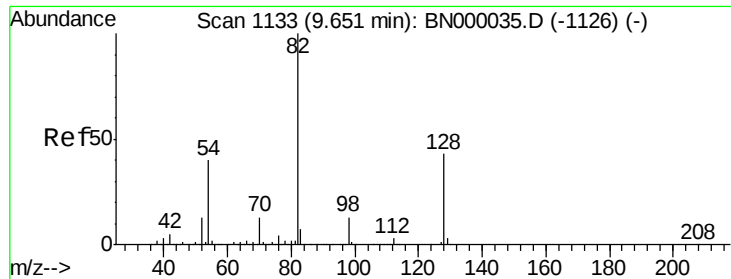


#22
Acetophenone
Concen: 42.505 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion	105	Resp	1906829
Ion	Ratio	Lower	Upper
105	100		
71	0.8	3.0	4.4#
51	21.3	26.1	39.1#
120	22.4	17.4	26.2

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BNC
Ion 51.00 (50.70 to 51.70): BNC
Ion 120.00 (119.70 to 120.70): E





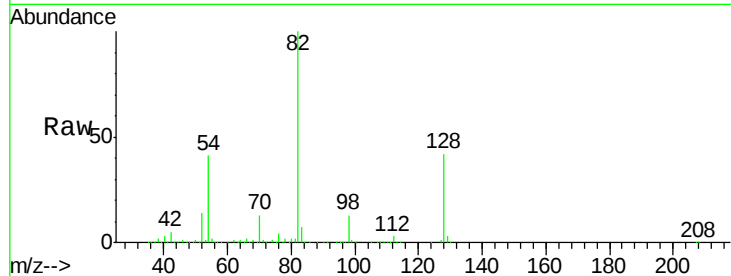
#23
Nitrobenzene-d5
Concen: 89.055 ng
RT: 9.65 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampleId :
ICVBN020718

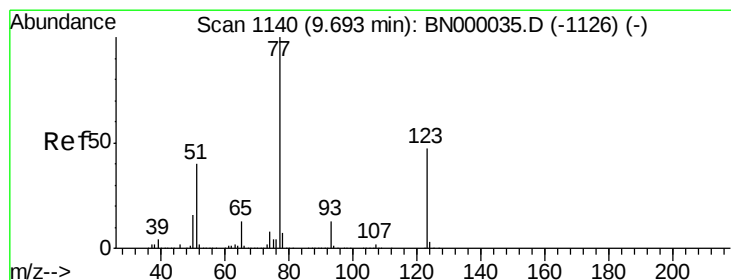
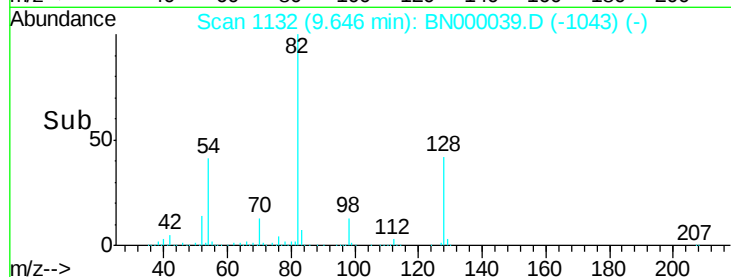
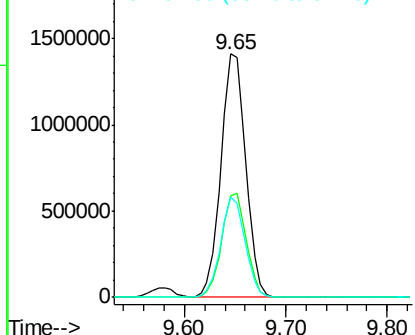
Tot Ion	82	Resp	2397941
Ion Ratio	100	Lower	Upper
82	100		
128	41.8	29.7	44.5
54	41.2	43.1	64.7#

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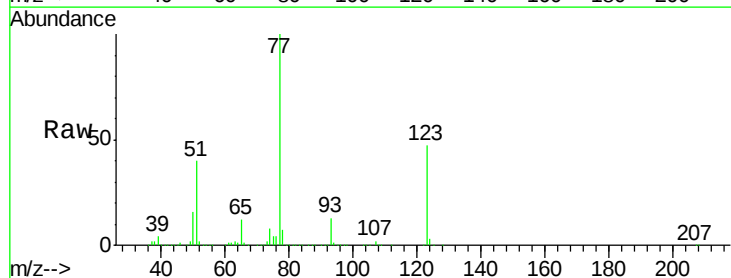


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BN0

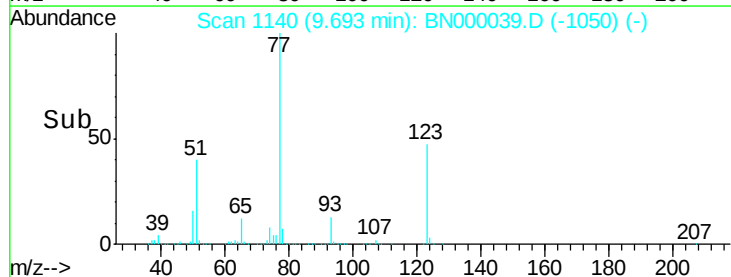
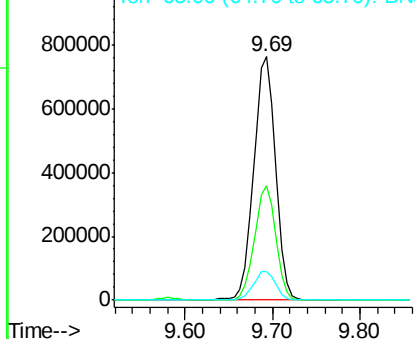


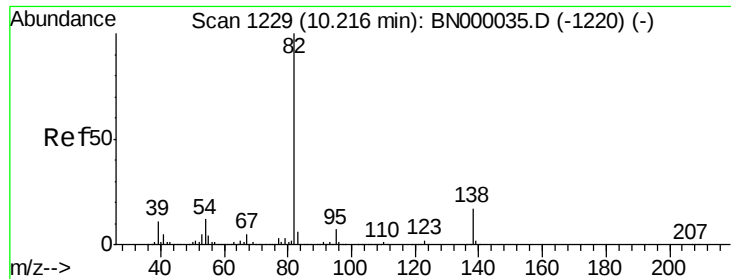
#24
Nitrobenzene
Concen: 43.749 ng
RT: 9.69 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion	77	Resp	1287811
Ion Ratio	100	Lower	Upper
77	100		
123	46.7	33.0	49.6
65	12.0	13.0	19.6#



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BN0





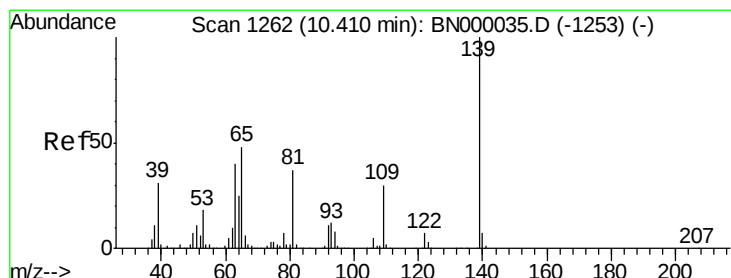
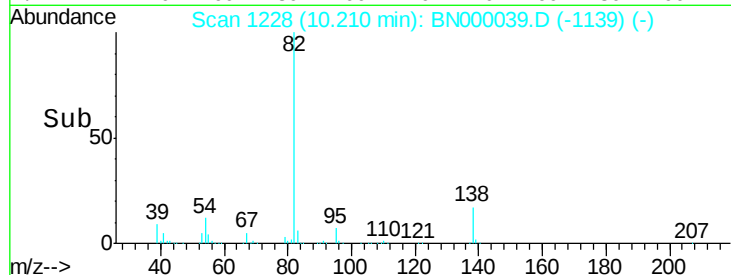
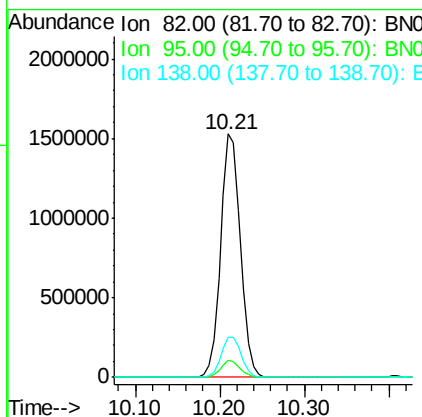
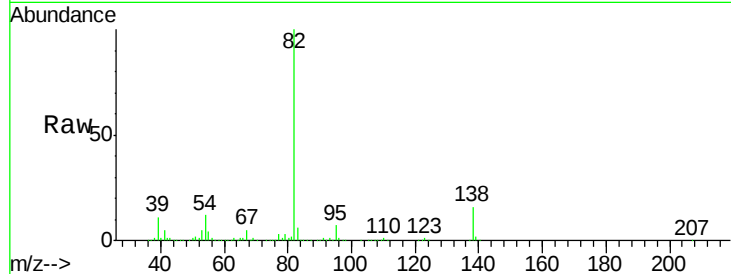
#25
Isophorone
Concen: 44.536 ng
RT: 10.21 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampleId :
ICVBN020718

Tot Ion: 82 Resp: 2478922
Ion Ratio Lower Upper
82 100
95 6.9 6.2 9.2
138 16.5 12.1 18.1

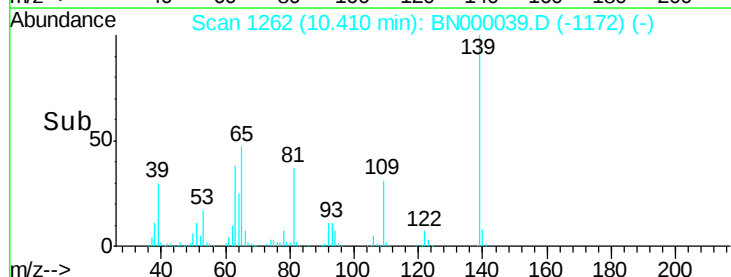
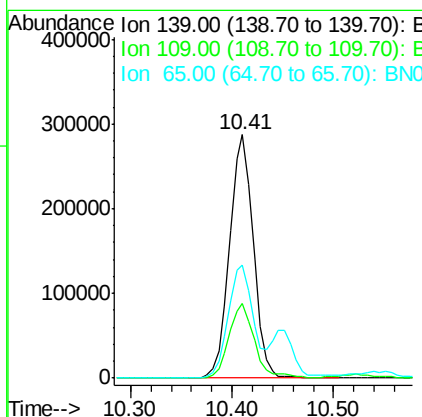
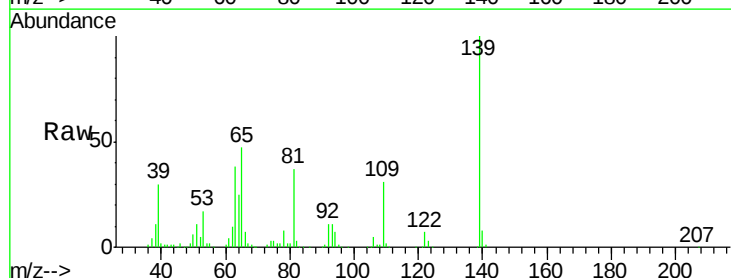
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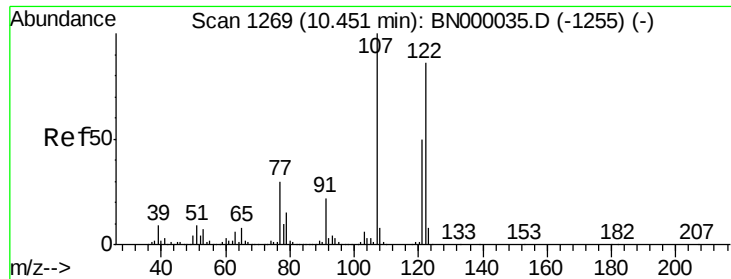
Sohil
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#26
2-Nitrophenol
Concen: 40.087 ng
RT: 10.41 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion: 139 Resp: 466746
Ion Ratio Lower Upper
139 100
109 30.6 24.2 36.2
65 46.7 47.4 71.0#





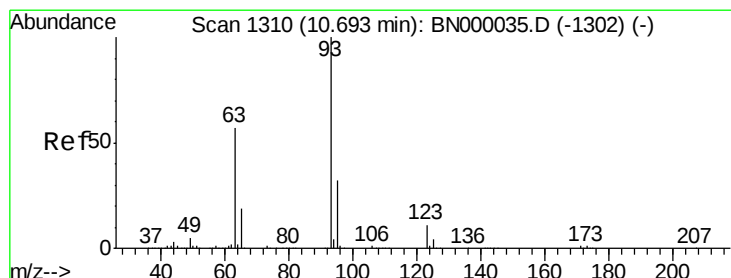
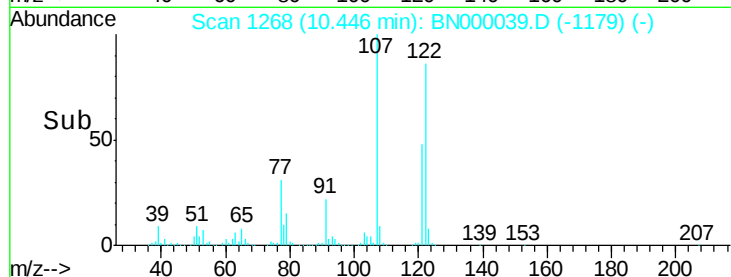
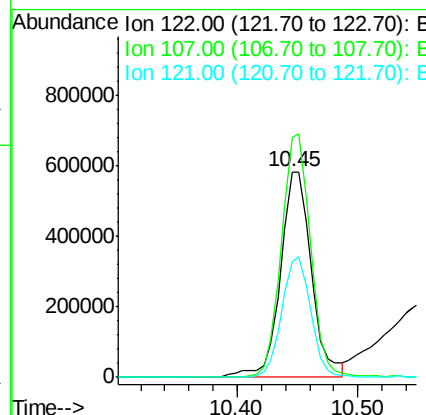
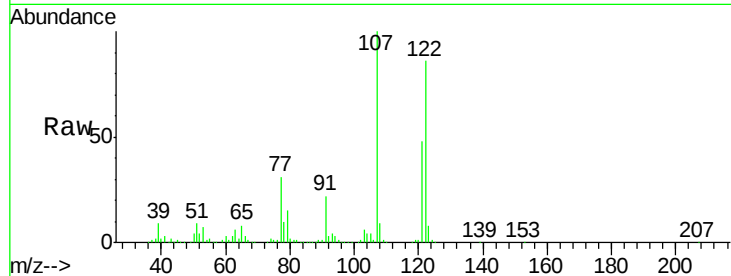
#27
 2,4-Dimethylphenol
 Concen: 43.039 ng
 RT: 10.45 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BN000039.D
 Acq: 07 Feb 2018 15:45

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN020718

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.7	100.2	150.2
121	56.4	44.4	66.6

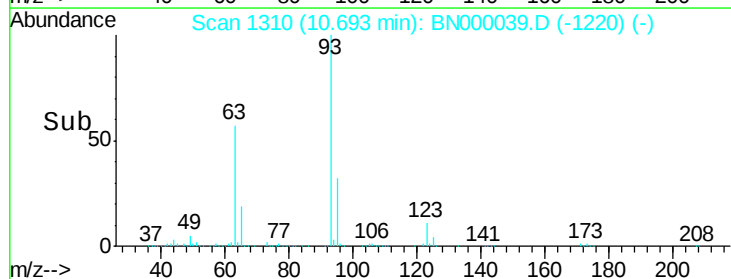
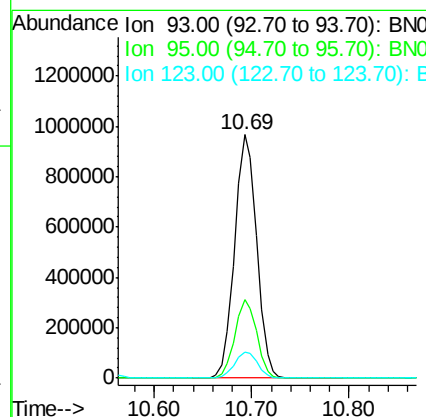
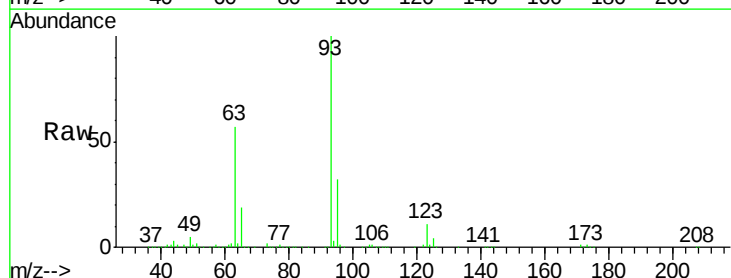
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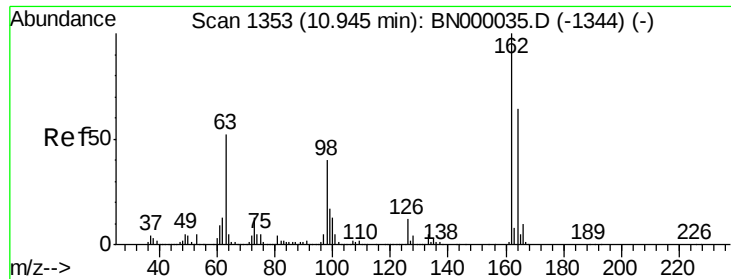
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.315 ng
 RT: 10.69 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BN000039.D
 Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	24.3	36.5
123	10.9	8.4	12.6





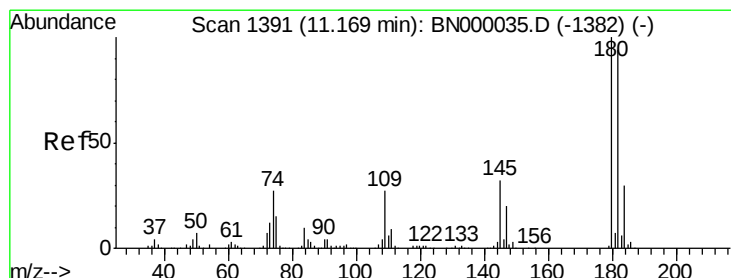
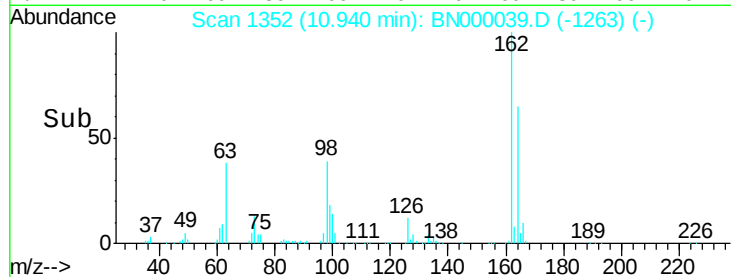
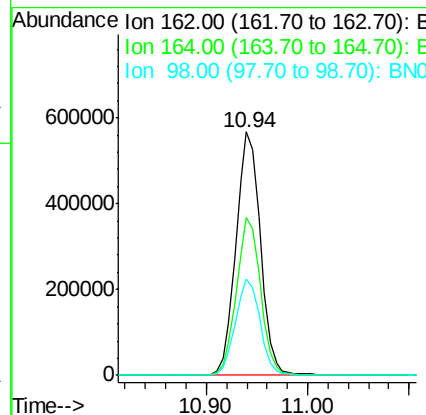
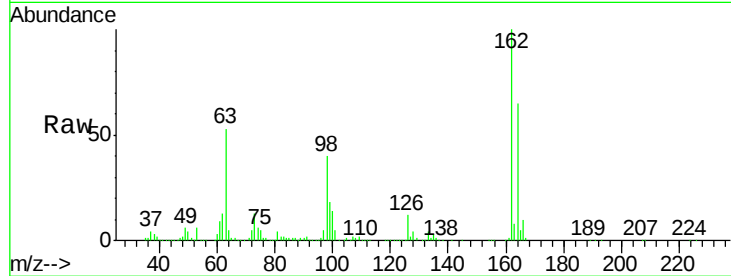
#29
2,4-Dichlorophenol
Concen: 42.641 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampleId :
ICVBN020718

Tot Ion	Ratio	Resp	Lower	Upper
162	100	952250		
164	64.8	48.0	88.0	
98	39.5	21.1	61.1	

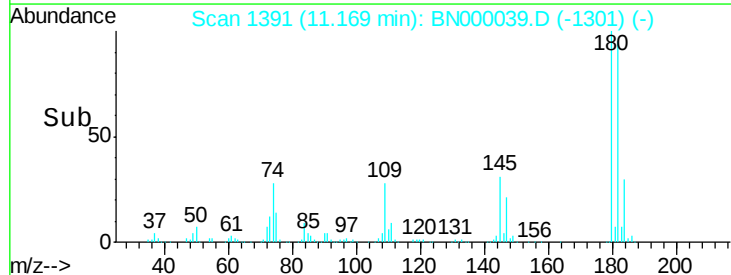
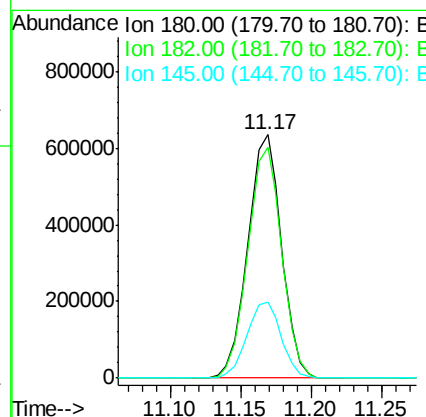
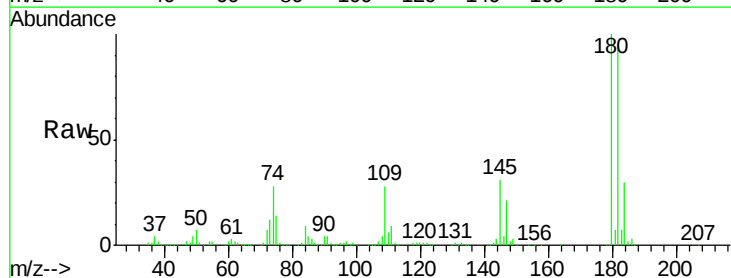
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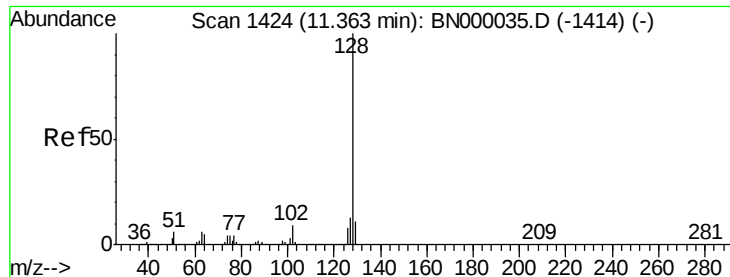
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#30
1,2,4-Trichlorobenzene
Concen: 41.271 ng
RT: 11.17 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1061389		
182	94.6	77.5	116.3	
145	31.0	23.4	35.2	





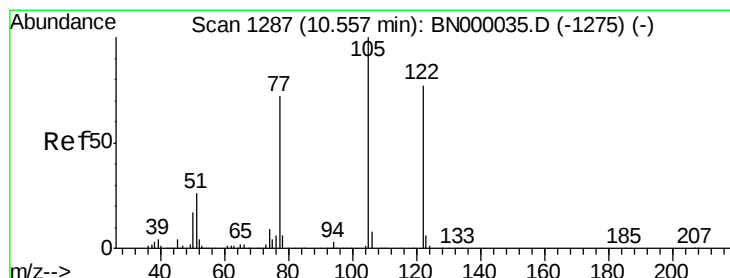
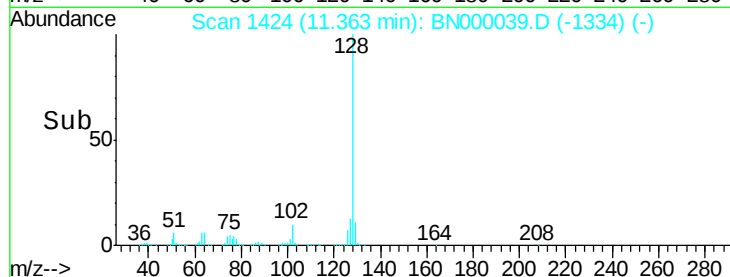
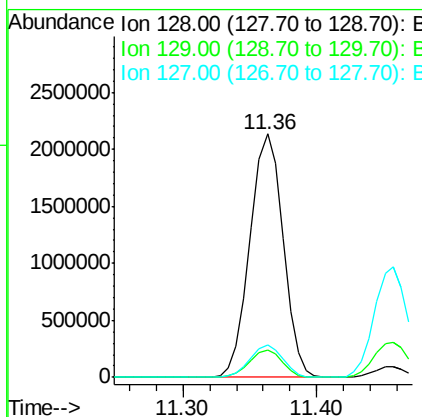
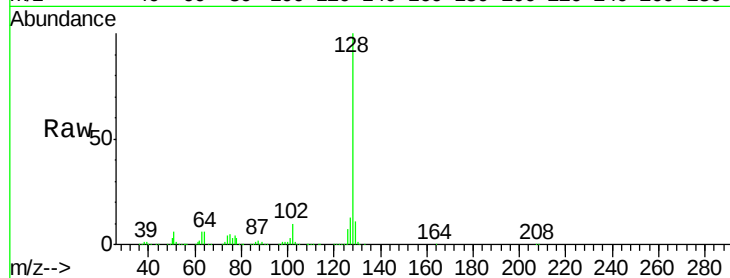
#31
Naphthalene
Concen: 41.824 ng
RT: 11.36 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampleId :
ICVBN020718

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.2	11.6	17.4

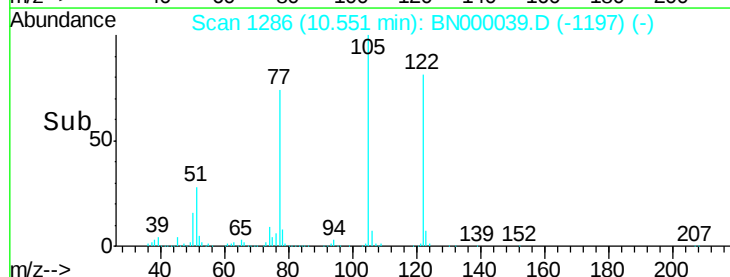
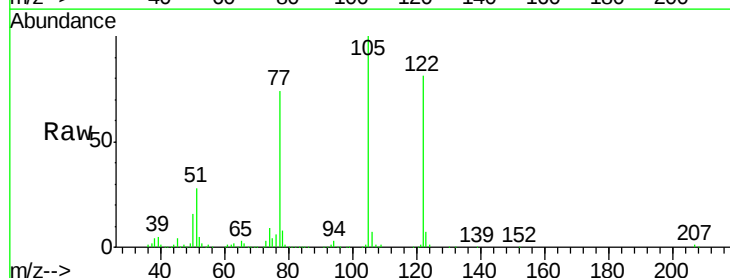
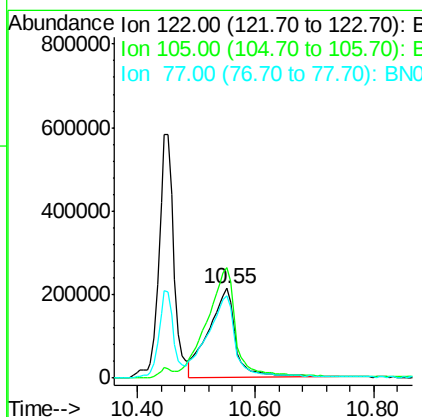
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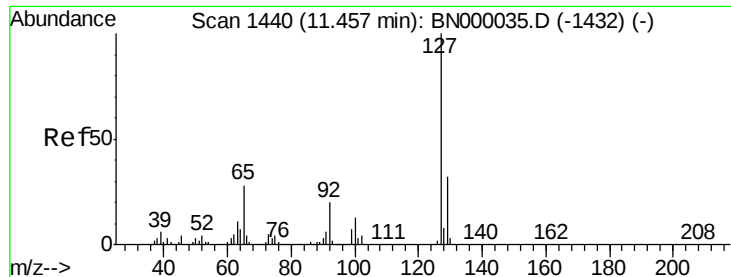
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#32
Benzoic acid
Concen: 40.116 ng
RT: 10.55 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.8	123.5	163.5
77	92.0	85.7	125.7





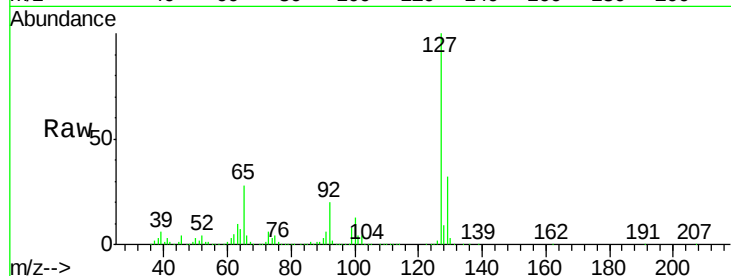
#33
4-Chloroaniline
Concen: 43.154 ng
RT: 11.46 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampleId :
ICVBN020718

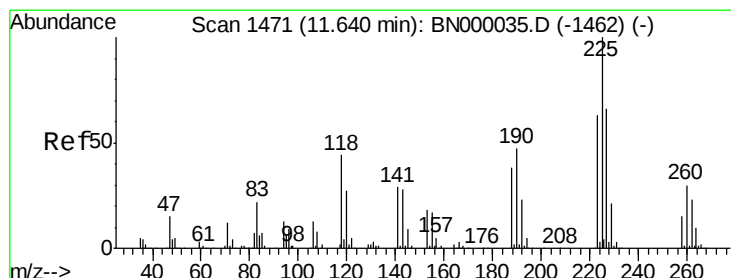
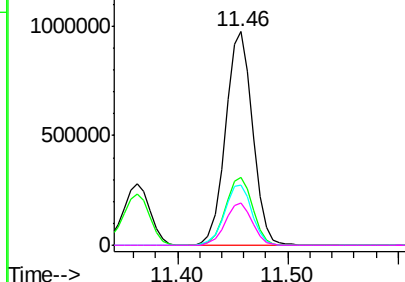
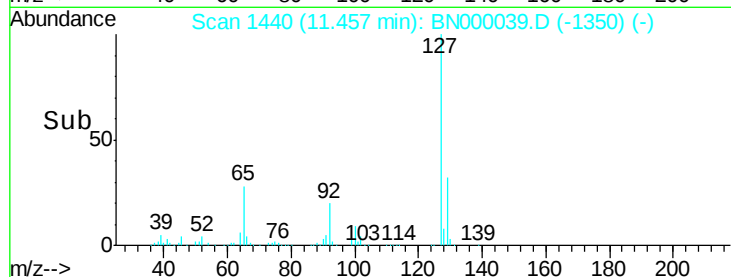
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	24.0	36.0
65	27.9	27.0	40.4
92	19.9	16.6	25.0

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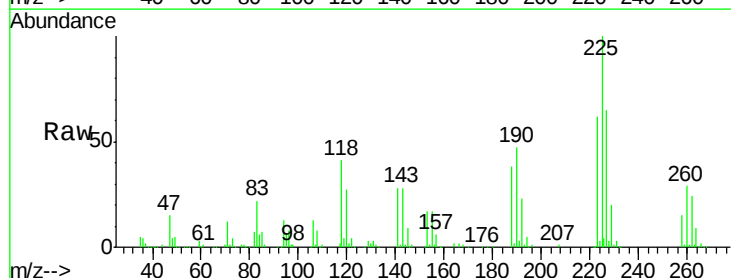


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

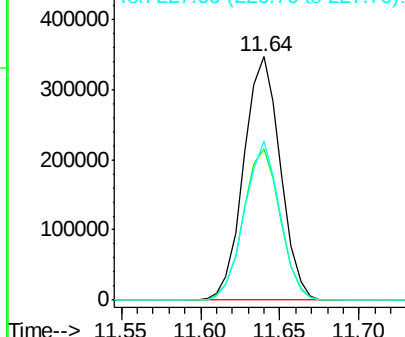
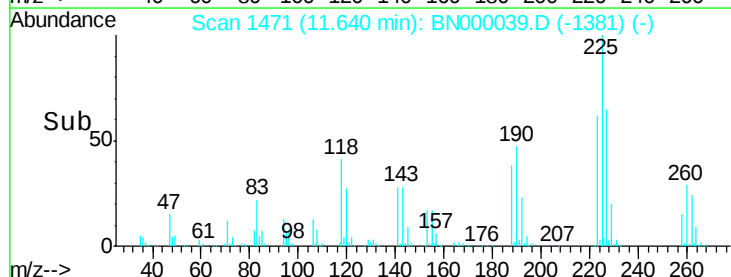


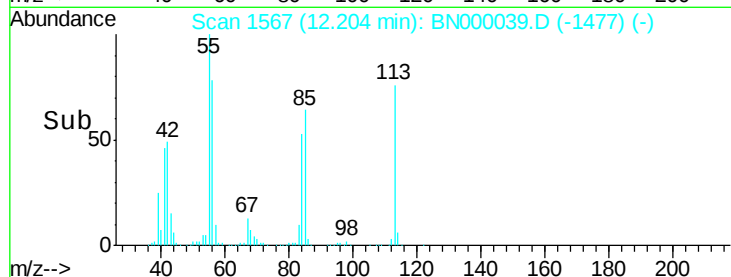
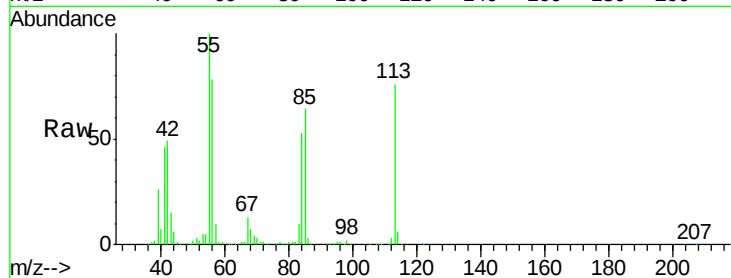
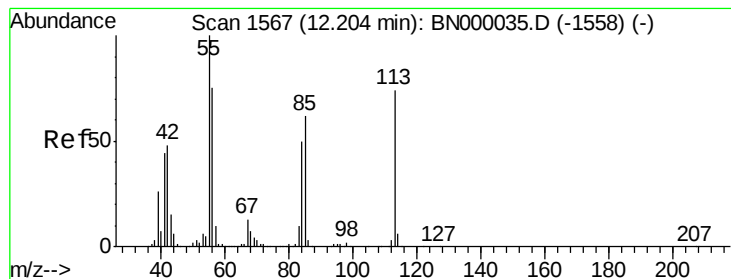
#34
Hexachlorobutadiene
Concen: 41.634 ng
RT: 11.64 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.7	74.5
227	65.2	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.948 ng

RT: 12.20 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Instrument :

BNA_N

ClientSampleId :

ICVBN020718

Tot Ion:113 Resp: 414729

Ion Ratio Lower Upper

113 100

55 131.0 120.0 160.0

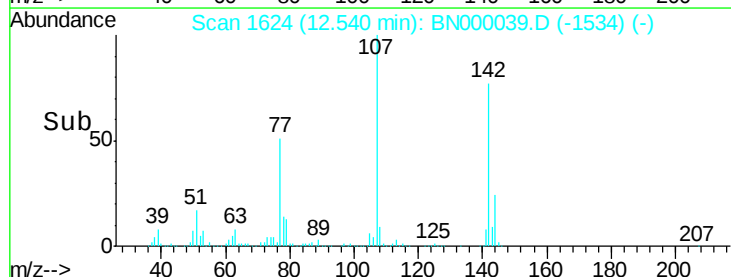
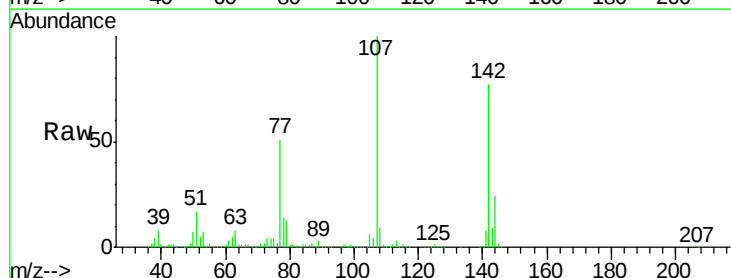
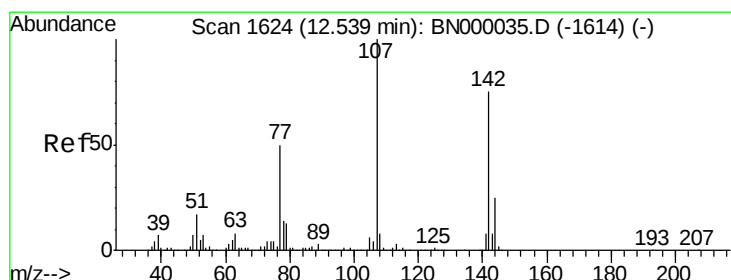
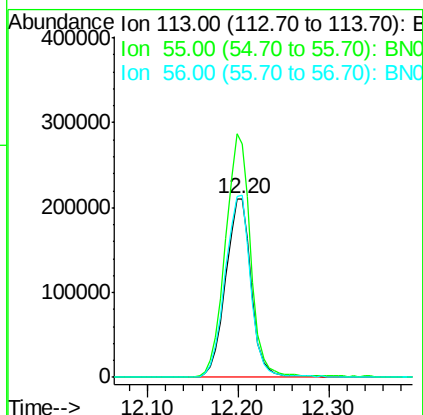
56 101.9 90.0 130.0

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#36

4-Chloro-3-methylphenol

Concen: 43.066 ng

RT: 12.54 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

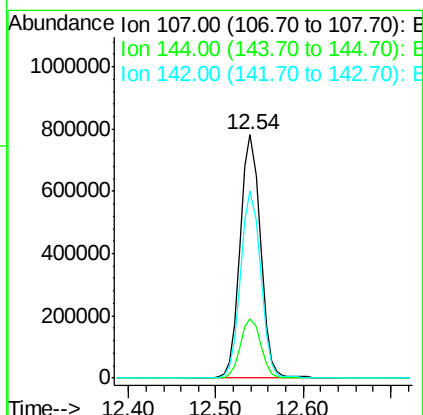
Tgt Ion:107 Resp: 1221009

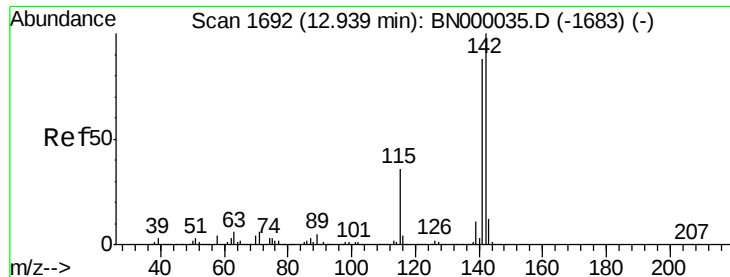
Ion Ratio Lower Upper

107 100

144 24.4 18.2 27.4

142 76.8 59.0 88.4





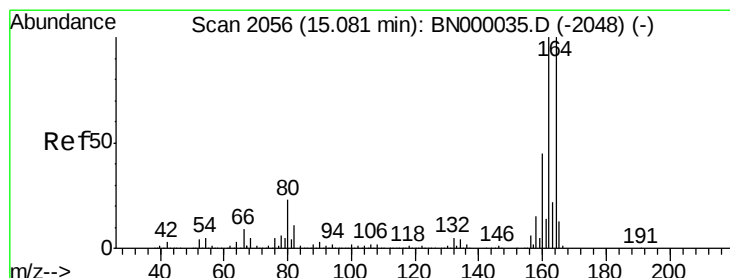
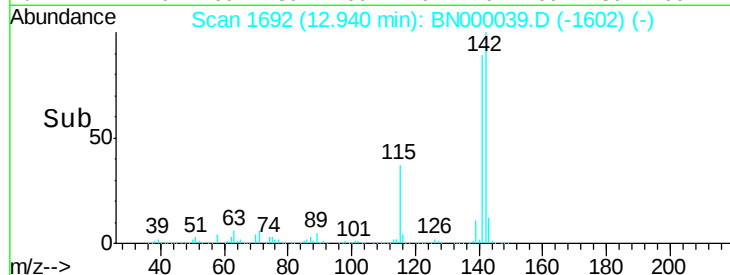
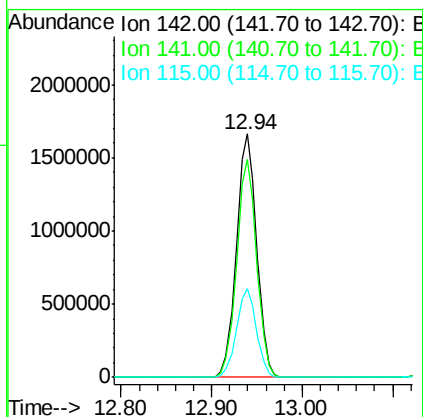
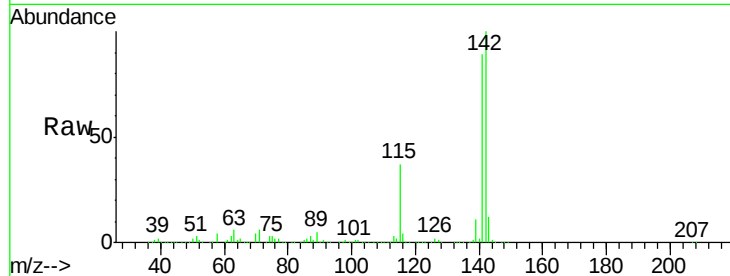
#37
2-Methylnaphthalene
Concen: 42.387 ng
RT: 12.94 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampleId :
ICVBN020718

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	67.1	100.7
115	36.7	30.7	46.1

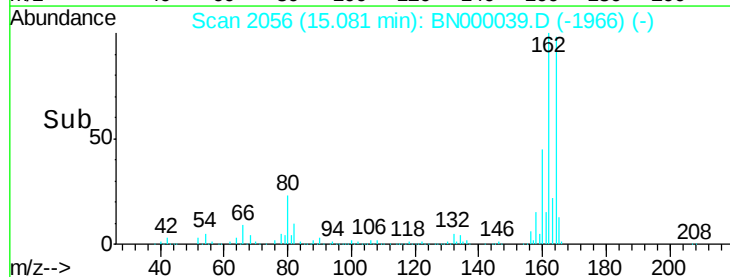
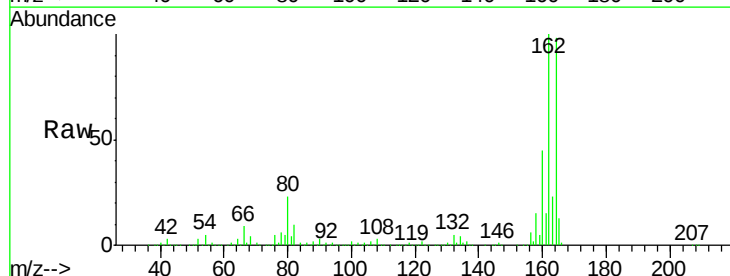
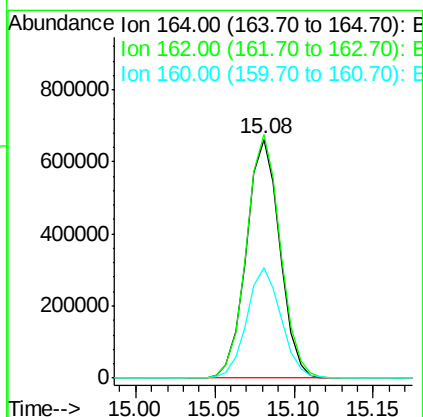
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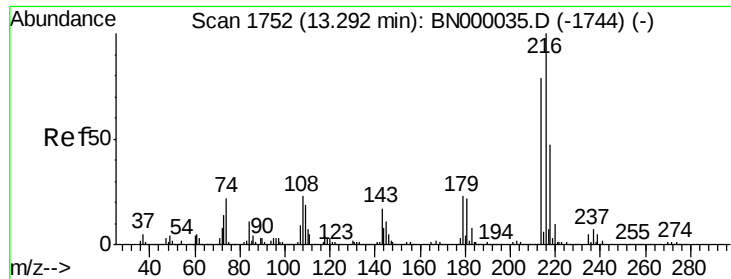
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.08 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	46.2	35.4	53.0





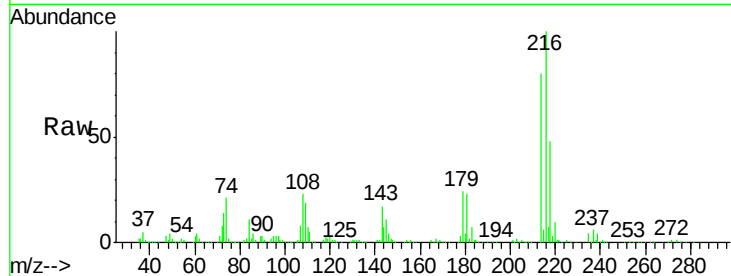
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.533 ng
 RT: 13.29 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: BN000039.D
 Acq: 07 Feb 2018 15:45

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN020718

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	23.1	17.0	25.6
108	23.8	12.8	19.2

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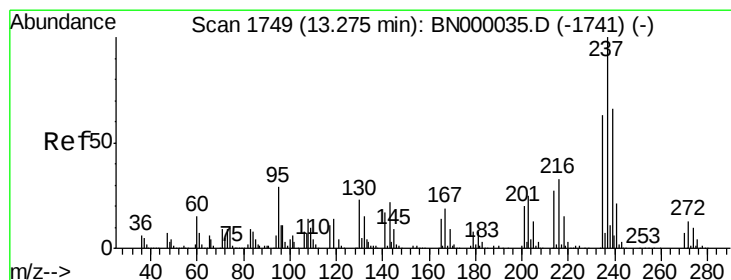
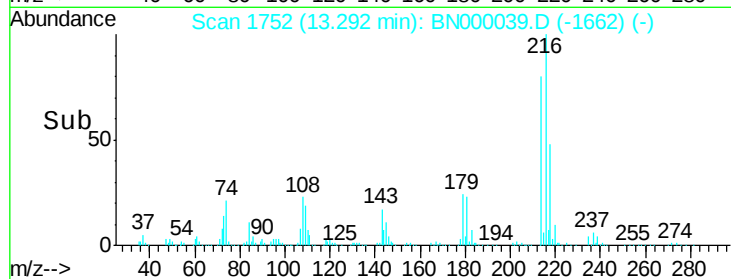
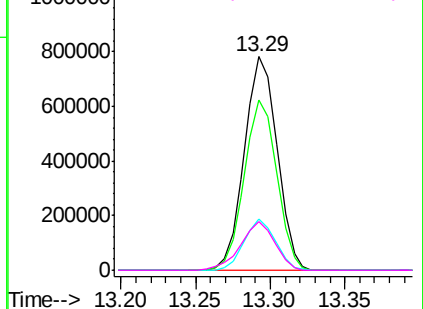
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

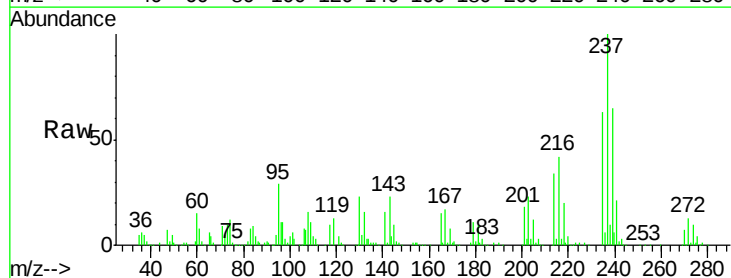
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 40.411 ng
 RT: 13.27 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: BN000039.D
 Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.5	50.4	90.4
272	13.0	0.0	31.8

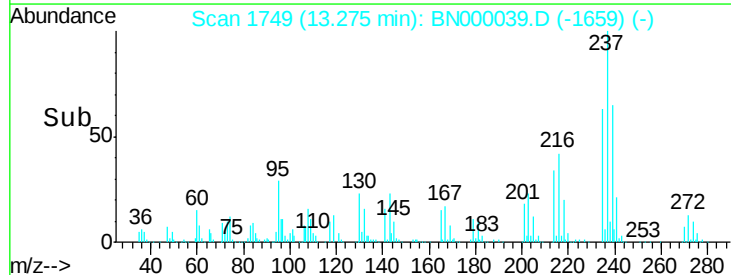
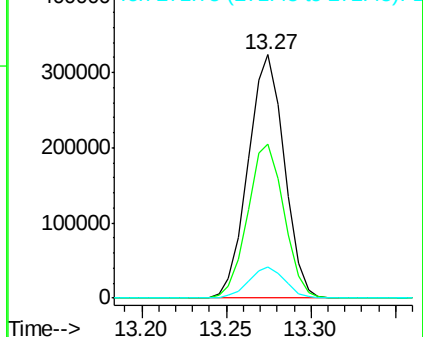


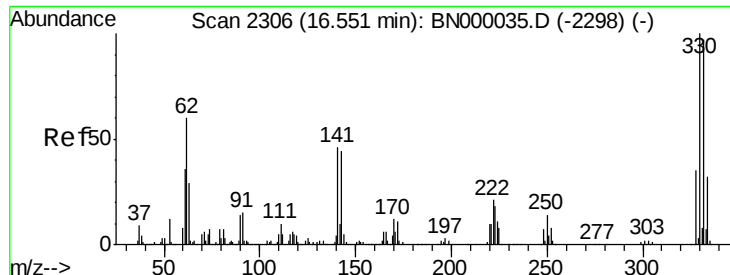
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





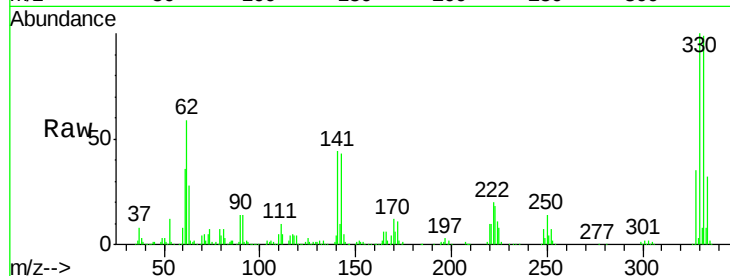
#41
 2,4,6-Tribromophenol
 Concen: 85.709 ng
 RT: 16.55 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: BN000039.D
 Acq: 07 Feb 2018 15:45

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN020718

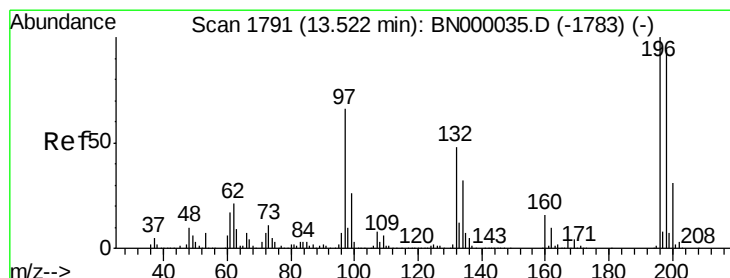
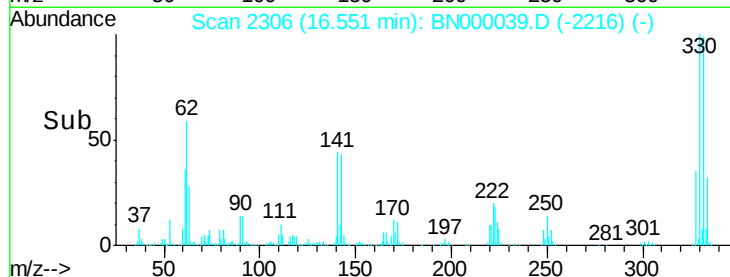
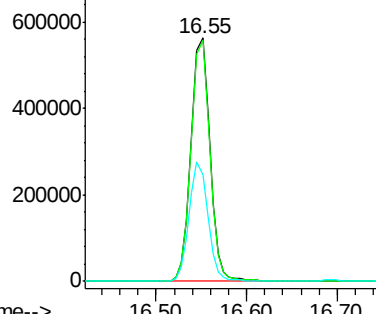
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	48.8	25.2	37.8

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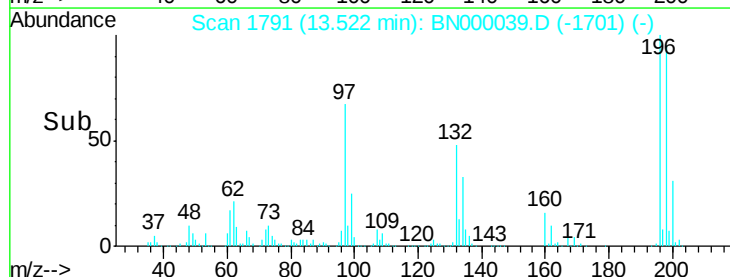
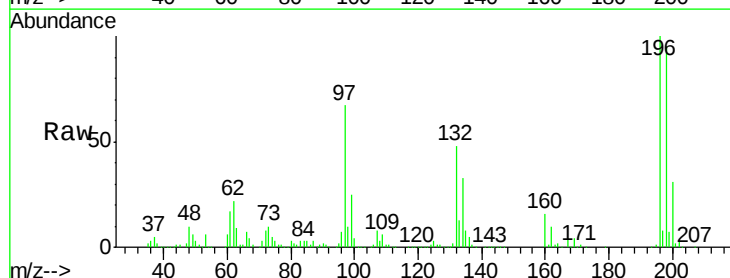
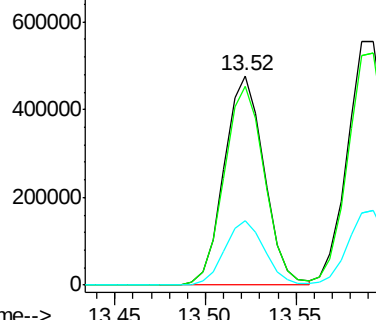
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

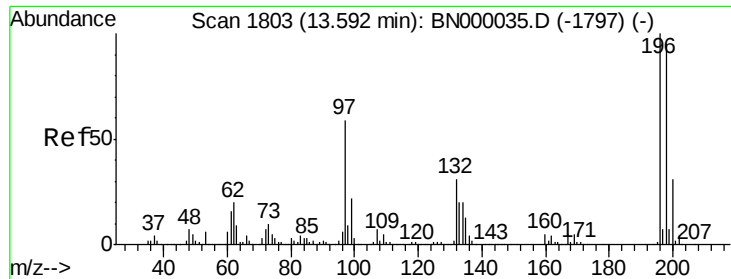


#42
 2,4,6-Trichlorophenol
 Concen: 42.654 ng
 RT: 13.52 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BN000039.D
 Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	78.2	117.2
200	30.9	24.6	36.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





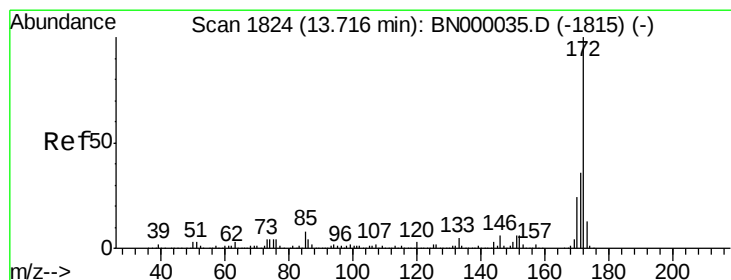
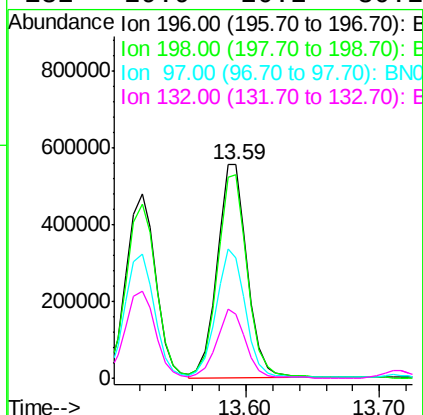
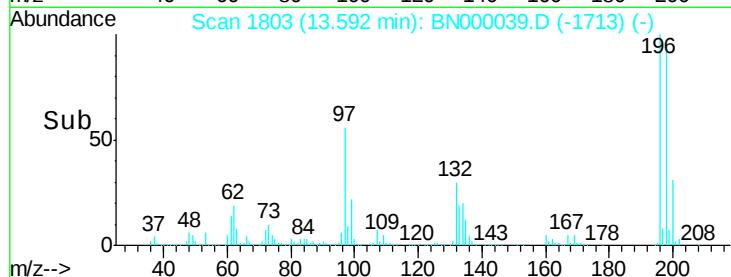
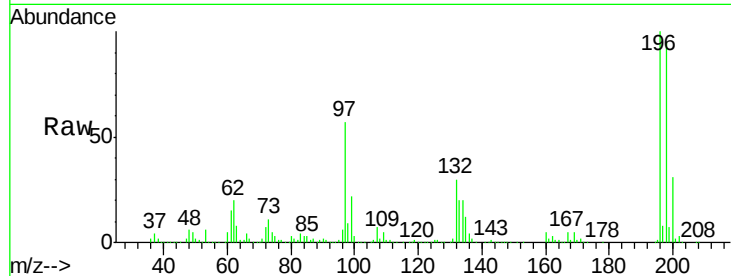
#43
2,4,5-Trichlorophenol
Concen: 42.340 ng
RT: 13.59 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampleId :
ICVBN020718

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.2	114.4
97	56.6	38.7	58.1
132	29.9	20.2	30.2

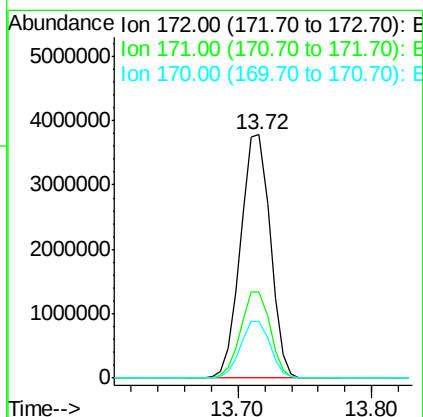
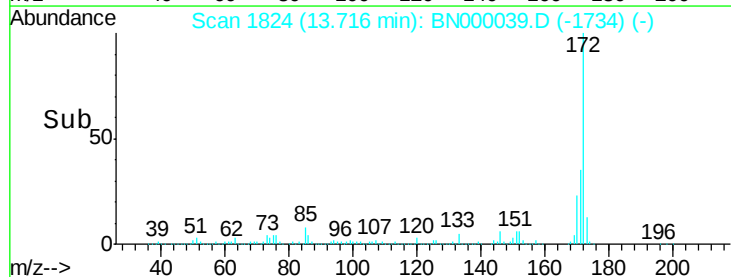
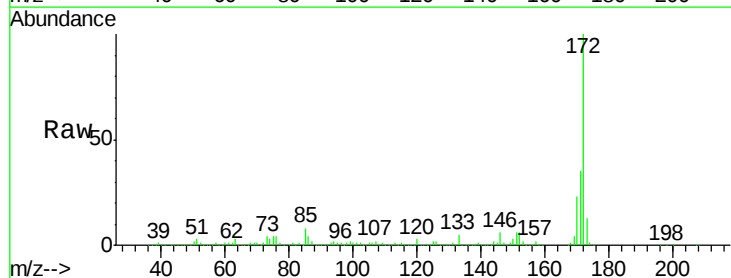
Manual Integrations
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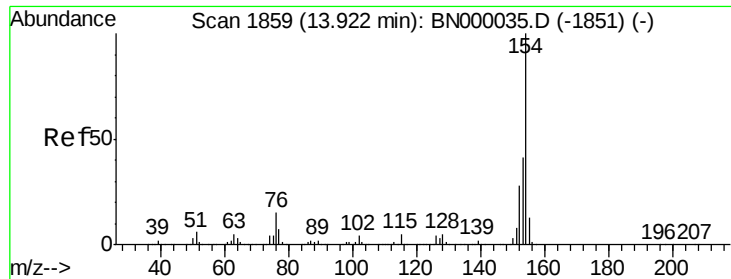
Sohil
2/8/2018 3:37:33 PM



#44
2-Fluorobiphenyl
Concen: 84.496 ng
RT: 13.72 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	23.4	19.5	29.3





#45

1,1'-Biphenyl

Concen: 41.953 ng

RT: 13.92 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Instrument :

BNA_N

ClientSampleId :

ICVBN020718

Tot Ion:154 Resp: 3583871

Ion Ratio Lower Upper

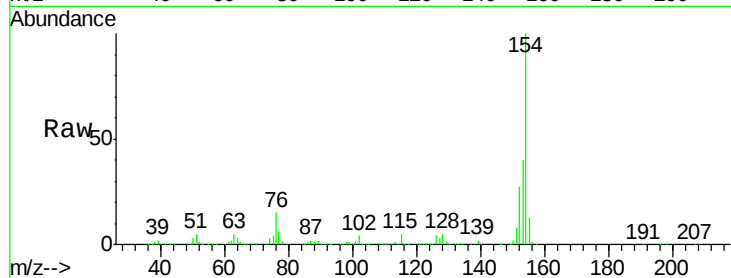
154 100

153 39.7 19.8 59.8

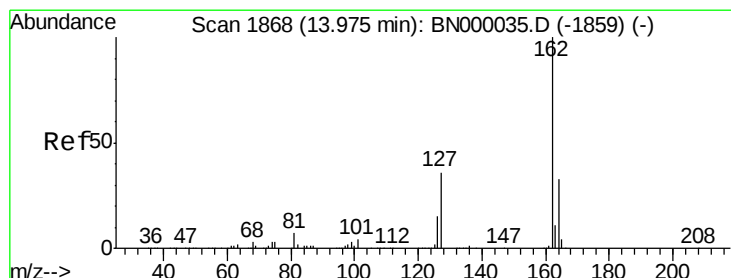
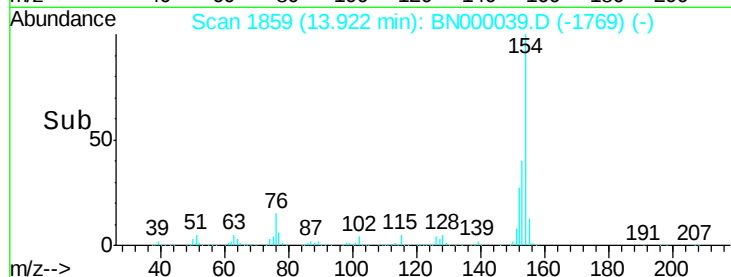
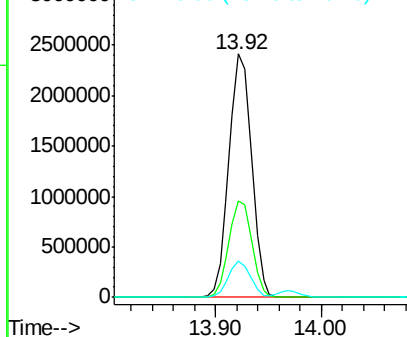
76 14.7 0.0 31.9

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BNC



#46

2-Chloronaphthalene

Concen: 41.895 ng

RT: 13.97 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

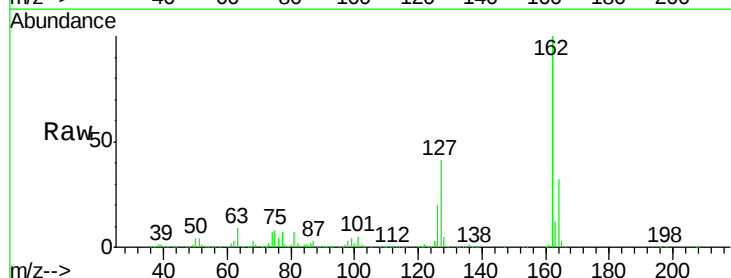
Tgt Ion:162 Resp: 2685349

Ion Ratio Lower Upper

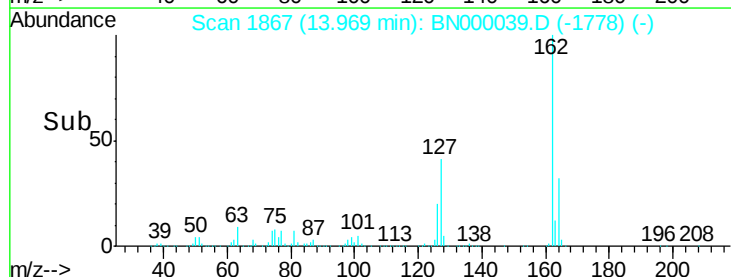
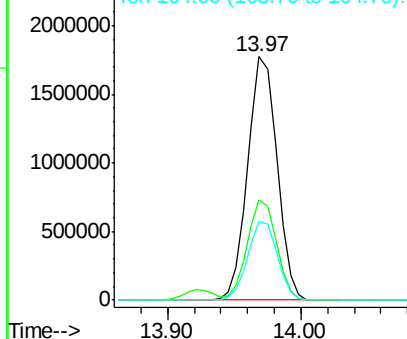
162 100

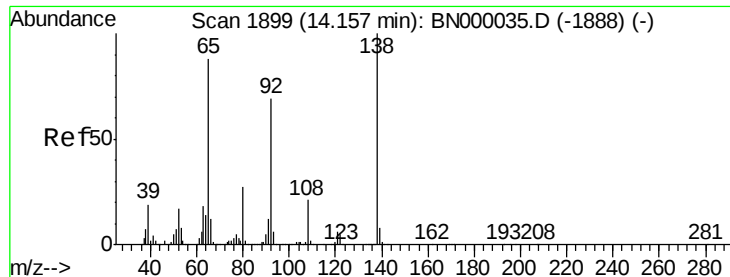
127 41.3 30.7 46.1

164 32.5 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





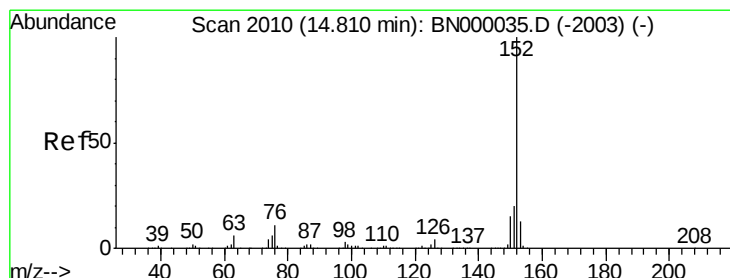
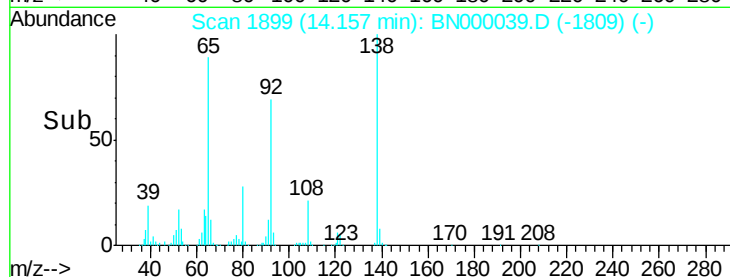
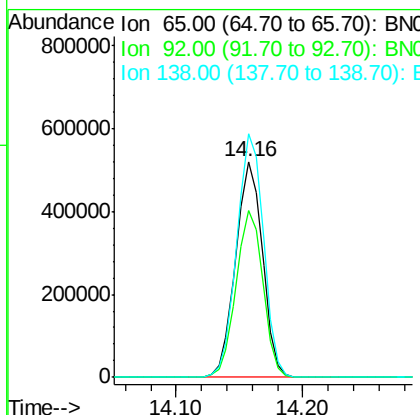
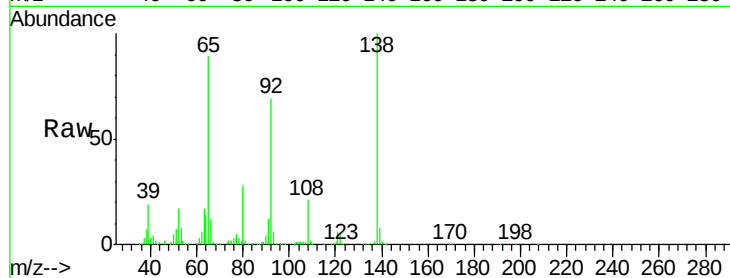
#47
2-Nitroaniline
Concen: 41.479 ng
RT: 14.16 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampleId :
ICVBN020718

Tot Ion	Ratio	Lower	Upper
65	100		
92	77.6	54.6	82.0
138	112.9	72.9	109.3

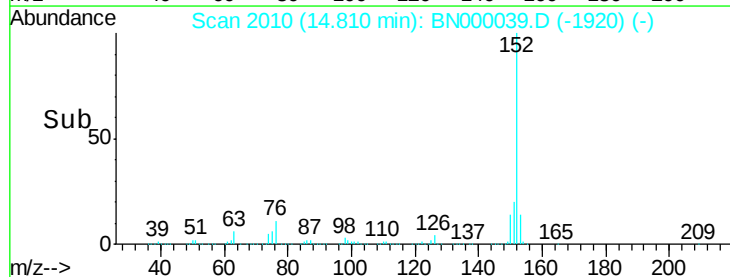
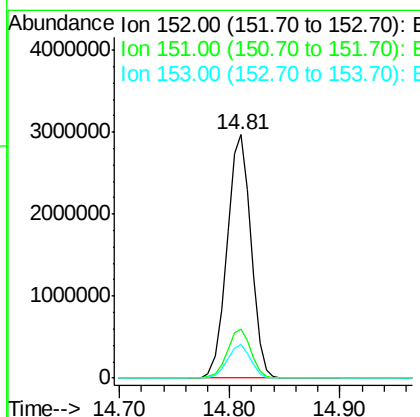
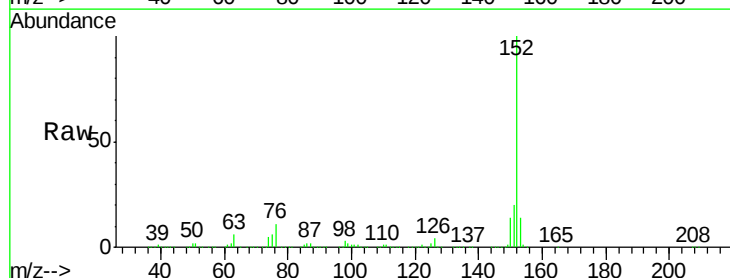
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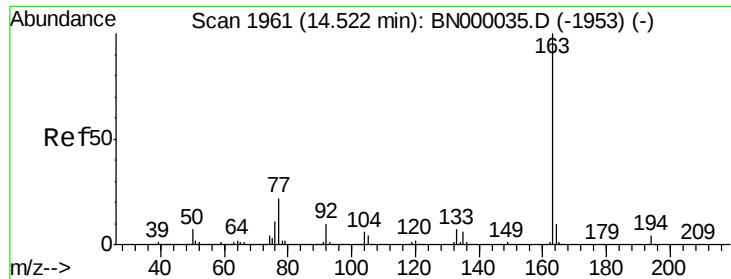
Sohil
2/8/2018 3:37:33 PM



#48
Acenaphthylene
Concen: 43.516 ng
RT: 14.81 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.2	25.8
153	13.6	10.2	15.4





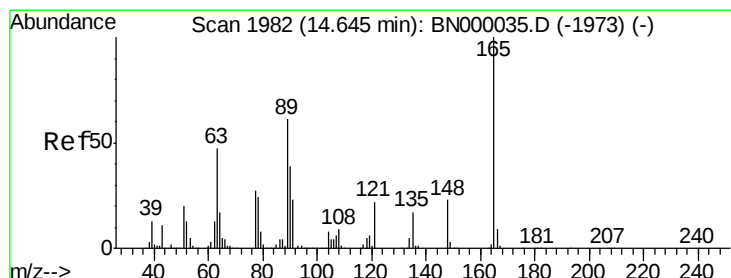
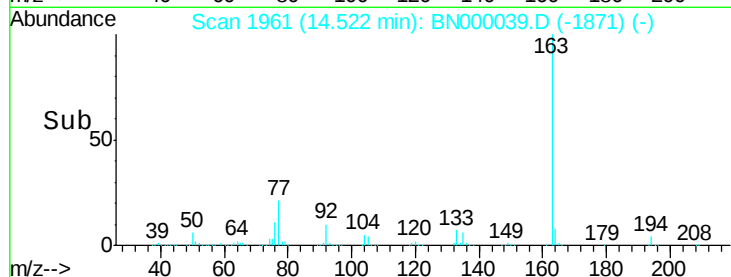
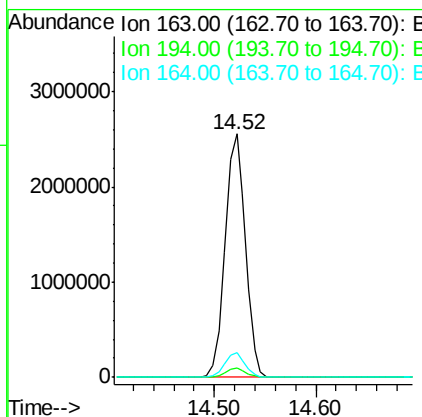
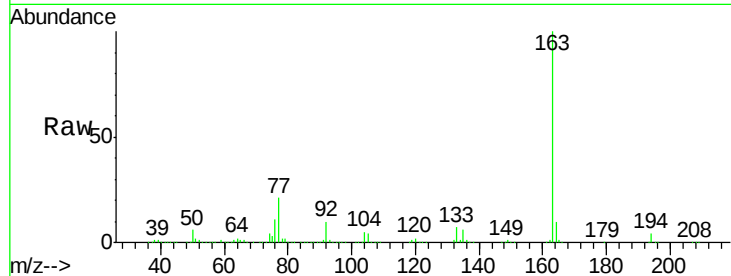
#49
Dimethylphthalate
Concen: 43.537 ng
RT: 14.52 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampleId :
ICVBN020718

Tot Ion:163 Resp: 3530037
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.2 8.2 12.4

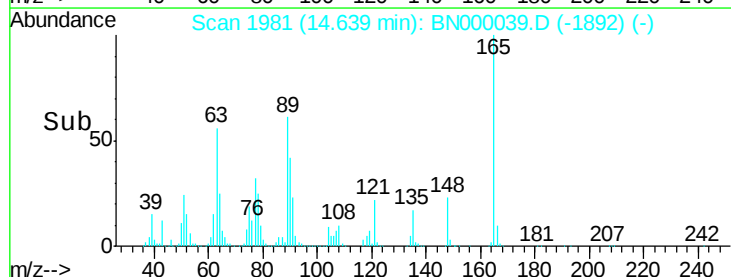
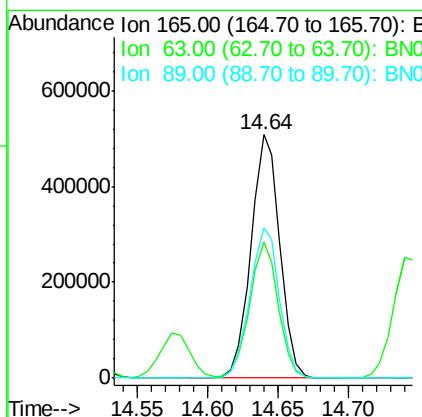
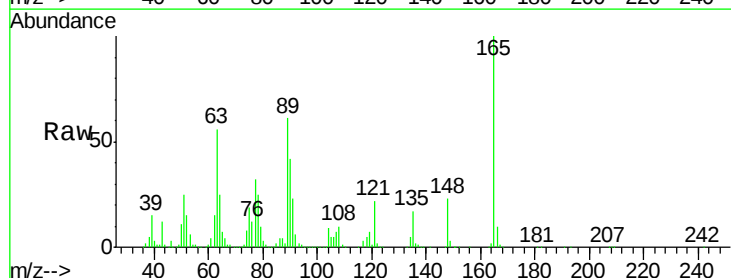
Manual Integrations
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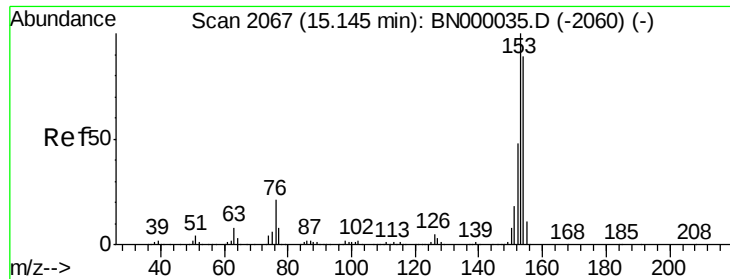
Sohil
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#50
2,6-Dinitrotoluene
Concen: 43.387 ng
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion:165 Resp: 726217
Ion Ratio Lower Upper
165 100
63 55.7 52.7 79.1
89 61.4 49.2 73.8





#51

Acenaphthene

Concen: 42.335 ng

RT: 15.15 min Scan# 2067

Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Instrument :

BNA_N

ClientSampleId :

ICVBN020718

Tot Ion:154 Resp: 2845830

Ion Ratio Lower Upper

154 100

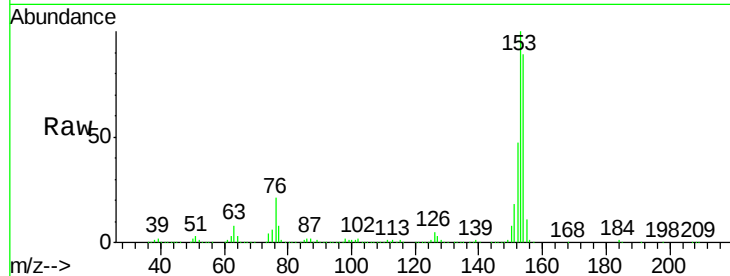
153 112.8 90.4 135.6

152 53.3 41.6 62.4

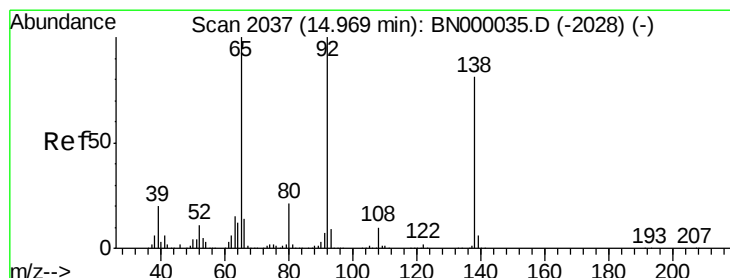
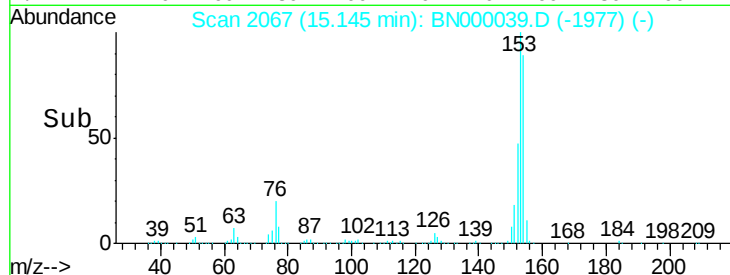
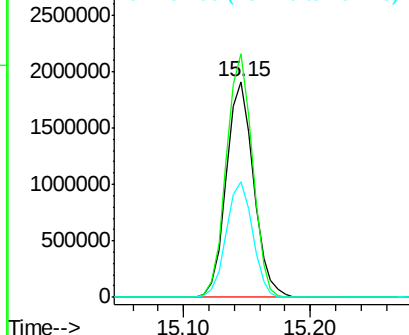
Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.715 ng

RT: 14.97 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

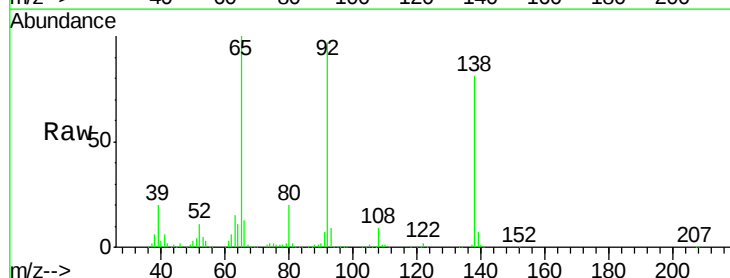
Tgt Ion:138 Resp: 889447

Ion Ratio Lower Upper

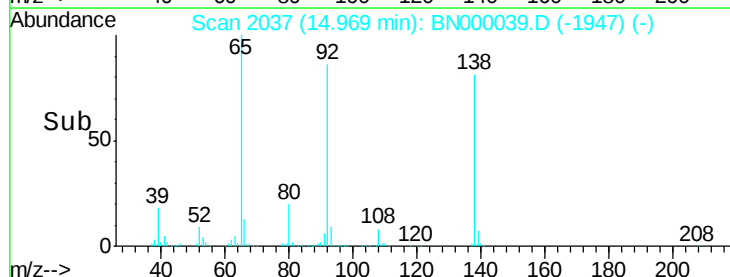
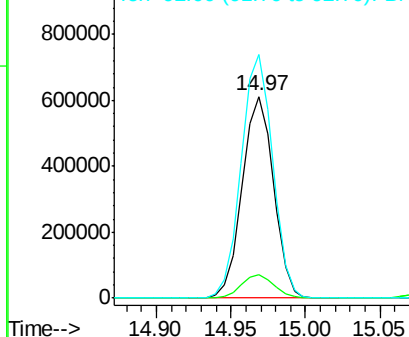
138 100

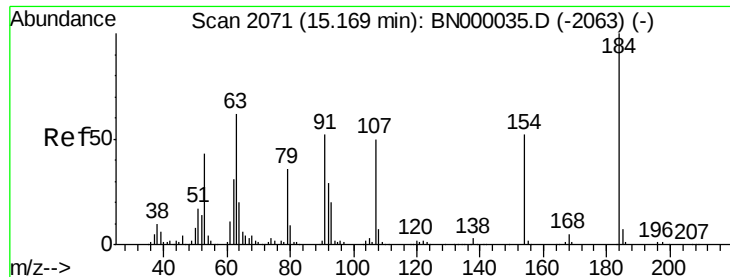
108 11.7 17.5 26.3#

92 120.7 105.8 158.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BNC





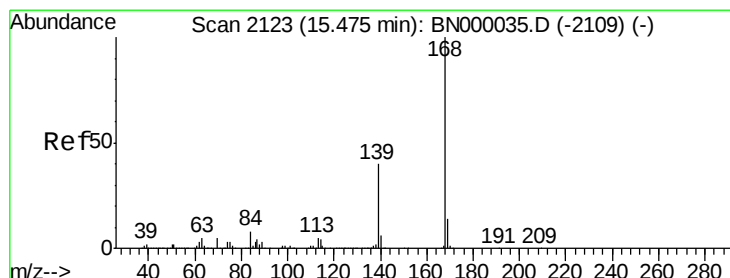
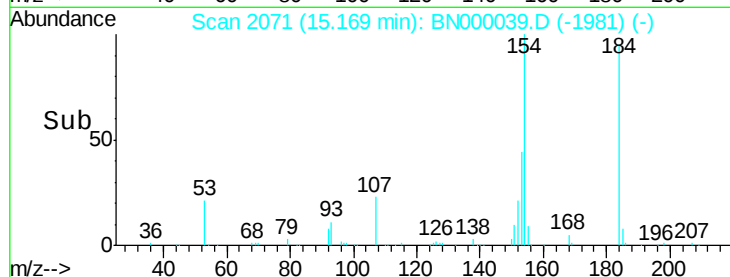
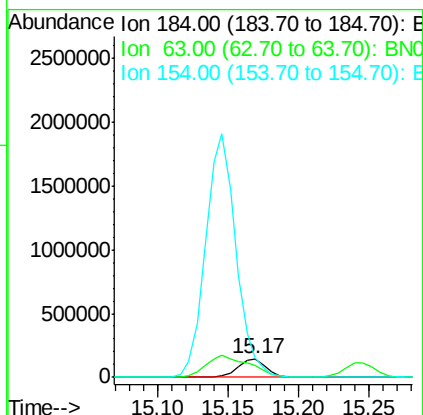
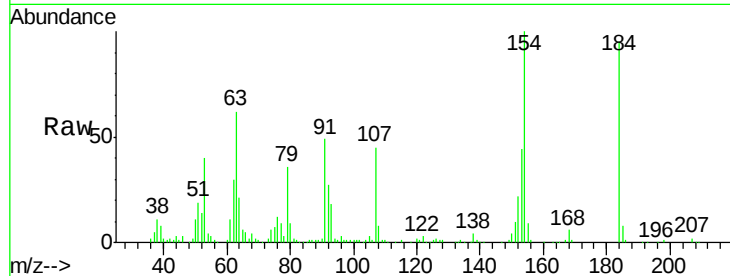
#53
2,4-Dinitrophenol
Concen: 39.542 ng
RT: 15.17 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampleId :
ICVBN020718

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.4	80.0	120.0#
154	104.7	308.0	462.0#

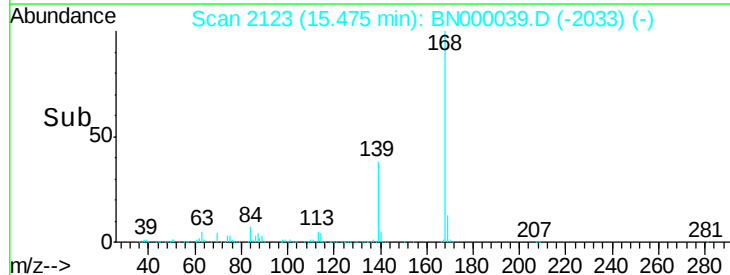
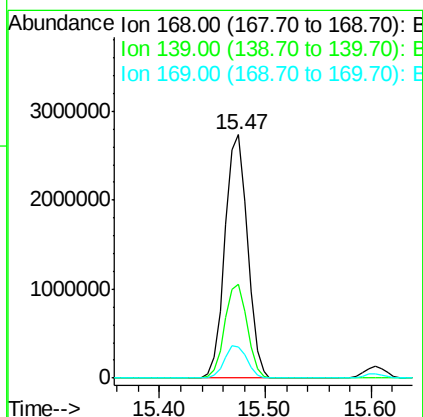
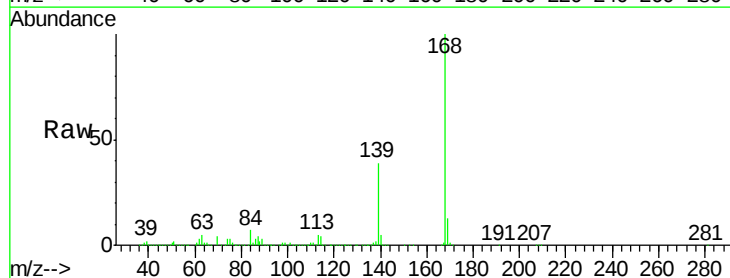
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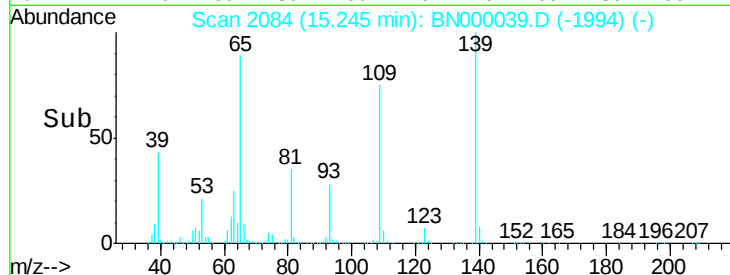
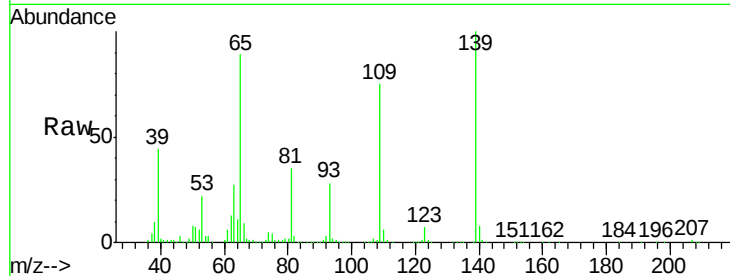
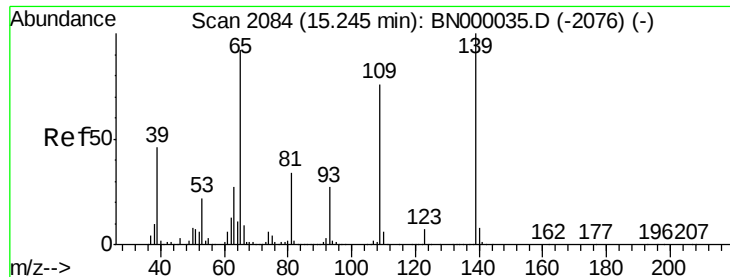
Sohil
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#54
Dibenzofuran
Concen: 42.384 ng
RT: 15.47 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.7	28.6	43.0
169	13.0	11.2	16.8





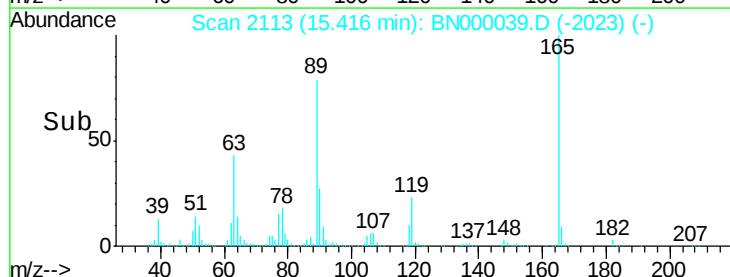
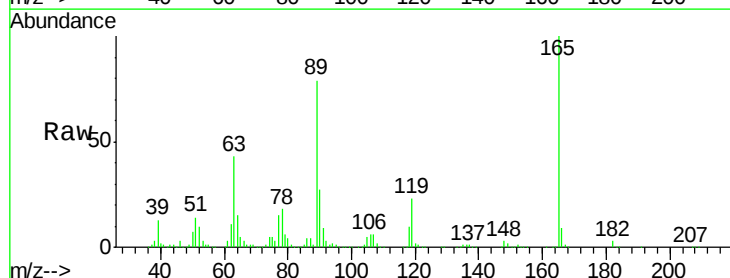
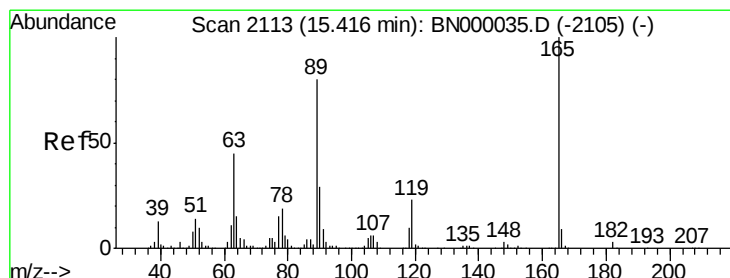
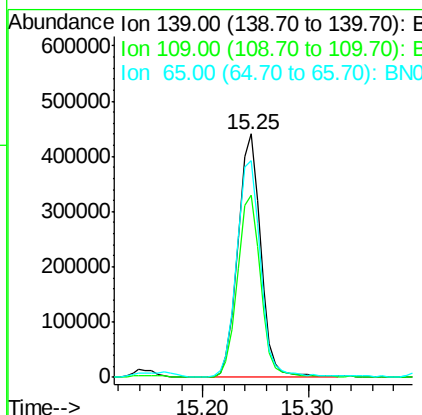
#55
4-Nitrophenol
Concen: 41.890 ng
RT: 15.25 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampleId :
ICVBN020718

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	74.9	62.2	102.2	
65	89.1	97.2	137.2#	

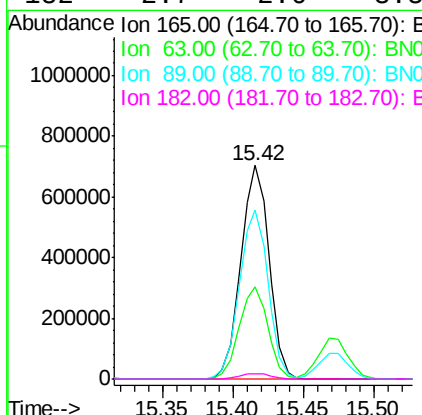
Manual Integrations
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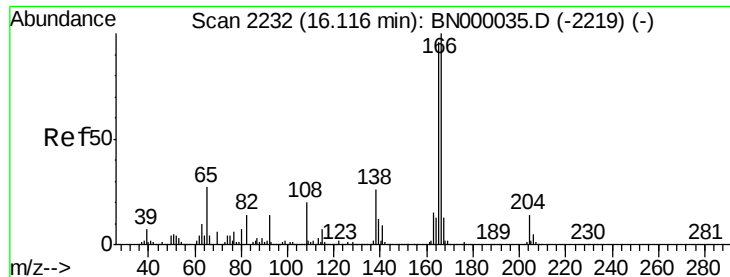
Sohil
2/8/2018 3:37:33 PM



#56
2,4-Dinitrotoluene
Concen: 41.678 ng
RT: 15.42 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.9	42.0	63.0	
89	79.4	66.9	100.3	
182	2.7	2.6	3.8	





#57

Fluorene

Concen: 42.896 ng

RT: 16.12 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Instrument :

BNA_N

ClientSampleId :

ICVBN020718

Tot Ion:166 Resp: 3334440

Ion Ratio Lower Upper

166 100

165 96.8 80.6 121.0

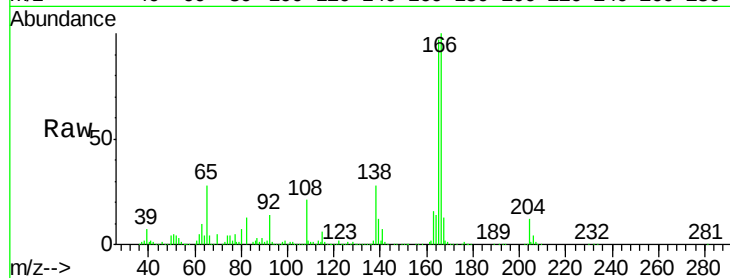
167 13.1 10.4 15.6

Manual Integrations

APPROVED

Sohil

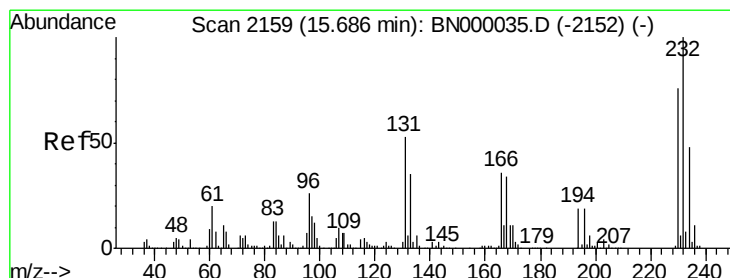
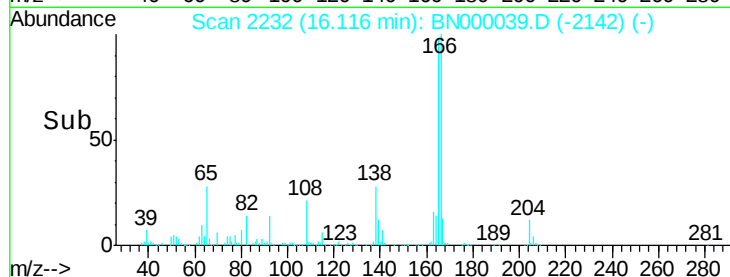
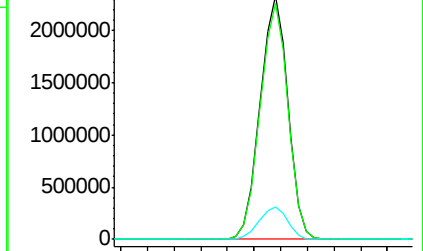
2/8/2018 3:37:33 PM



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.508 ng m

RT: 15.69 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Tgt Ion:232 Resp: 708286

Ion Ratio Lower Upper

232 100

131 48.3 33.5 50.3

130 2.7 2.2 3.2

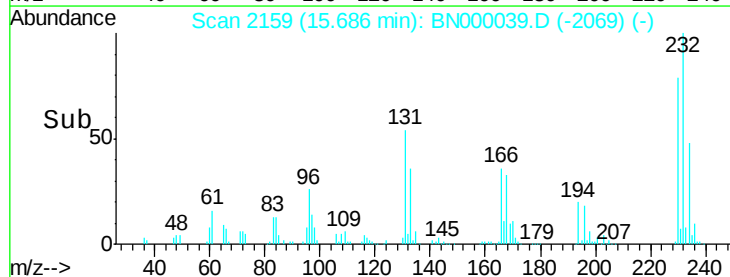
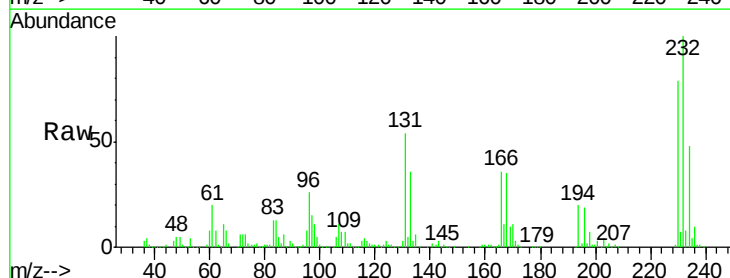
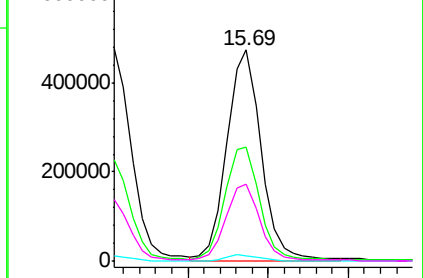
166 28.2 24.8 37.2

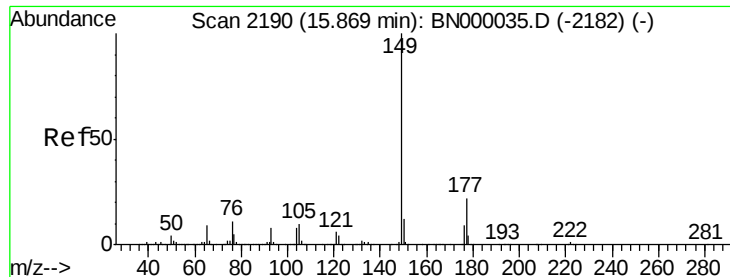
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





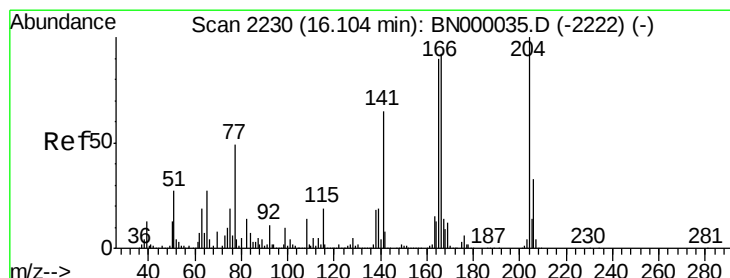
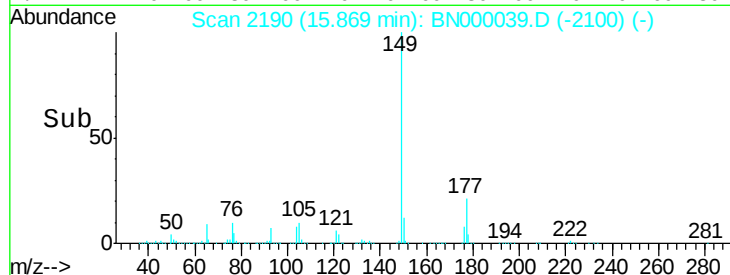
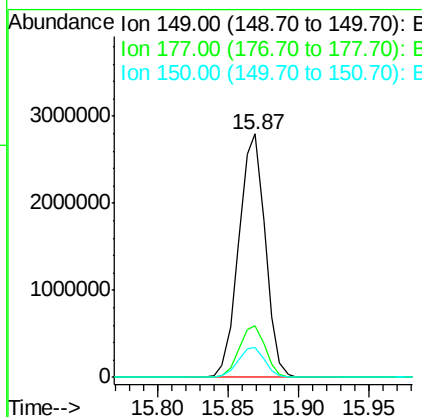
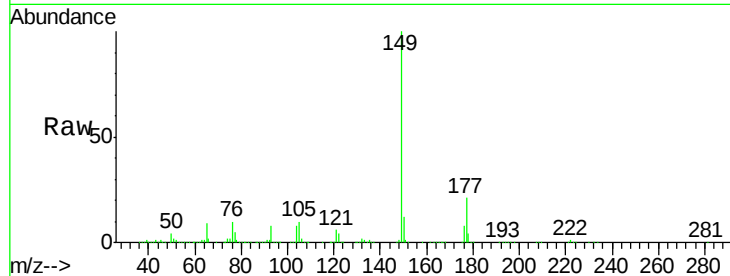
#59
Diethylphthalate
Concen: 44.309 ng
RT: 15.87 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampleId :
ICVBN020718

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	18.5	27.7
150	12.4	10.2	15.2

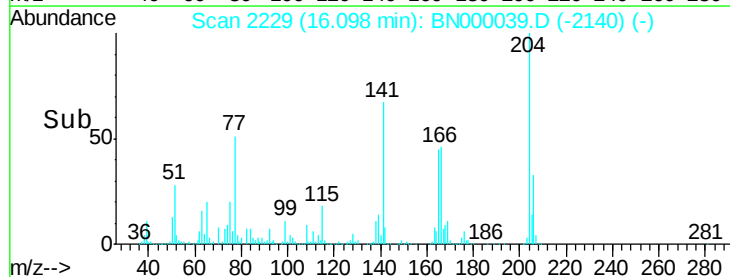
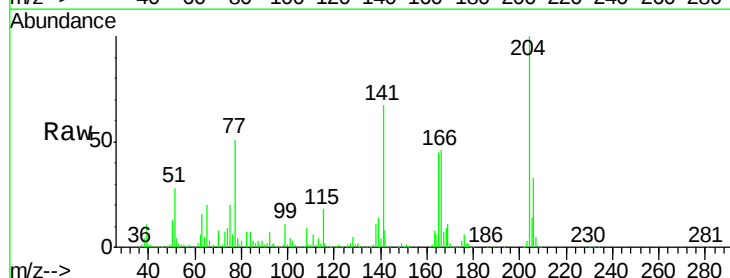
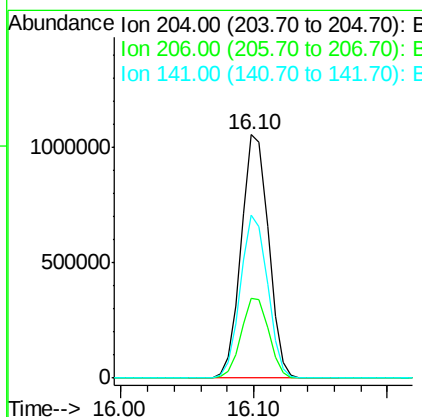
Manual Integrations
APPROVED

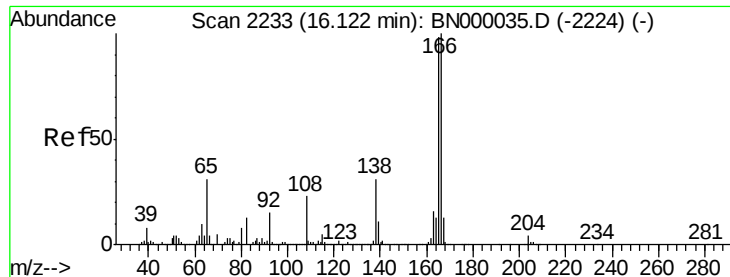
Sohil
2/8/2018 3:37:33 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.164 ng
RT: 16.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	66.8	45.8	68.6





#61

4-Nitroaniline

Concen: 45.268 ng

RT: 16.12 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Instrument :

BNA_N

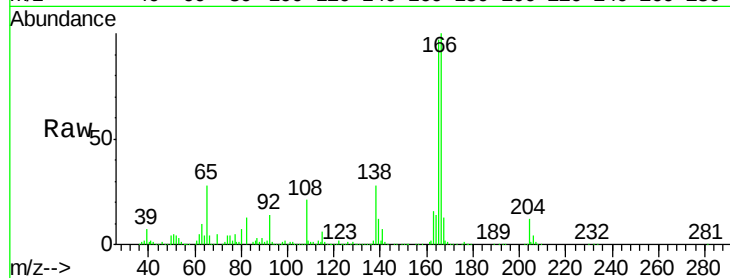
ClientSampleId :

ICVBN020718

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.5	40.1	80.1
108	76.1	65.4	105.4

Manual Integrations
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Sohil
2/8/2018 3:37:33 PM

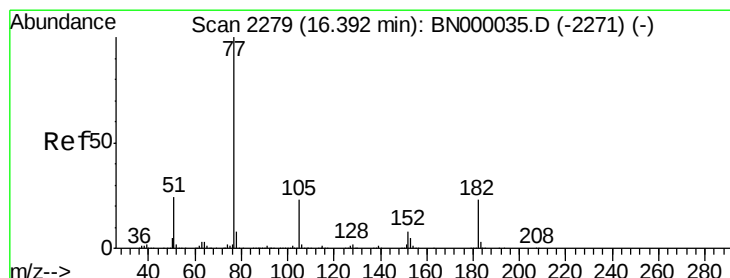
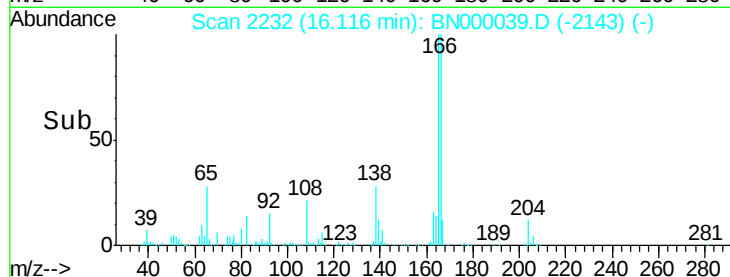
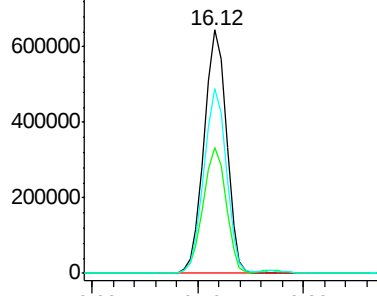


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNO

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.168 ng

RT: 16.39 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.1	7.4	47.4
105	22.3	0.3	40.3
51	24.1	11.6	51.6

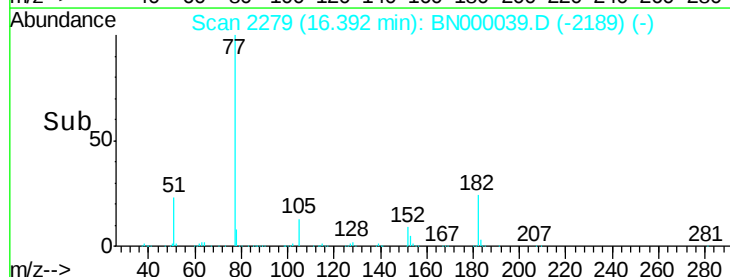
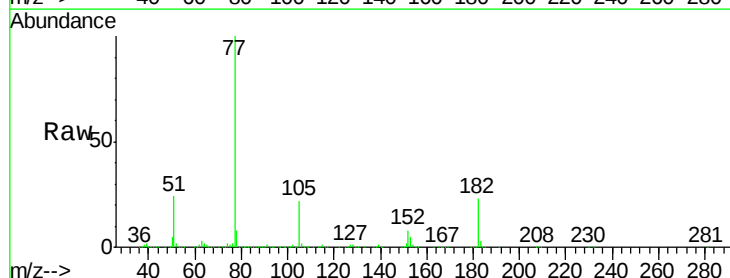
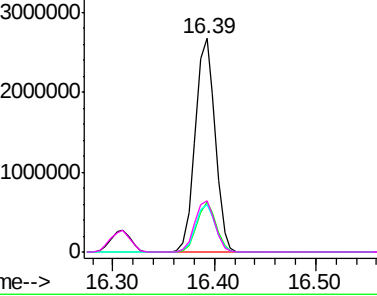
Abundance

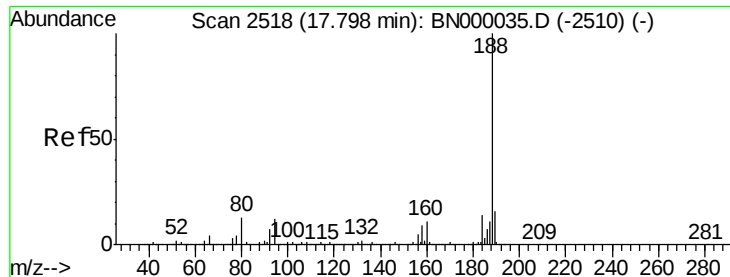
Ion 77.00 (76.70 to 77.70): BNO

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BNO





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.80 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Instrument :

BNA_N

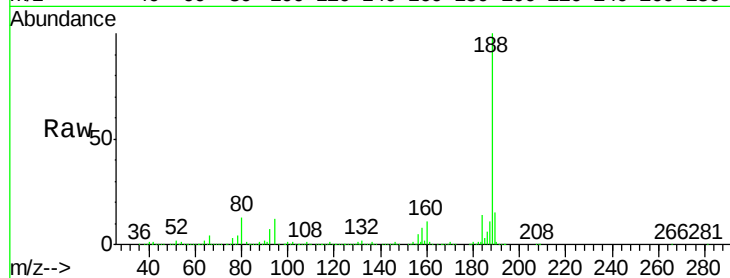
ClientSampleId :

ICVBN020718

Tot Ion:	188	Resp:	2125963
Ion	Ratio	Lower	Upper
188	100		
94	11.8	6.9	10.3#
80	12.6	7.7	11.5#

Manual Integrations
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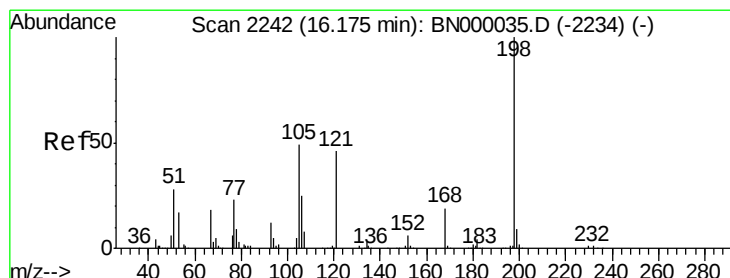
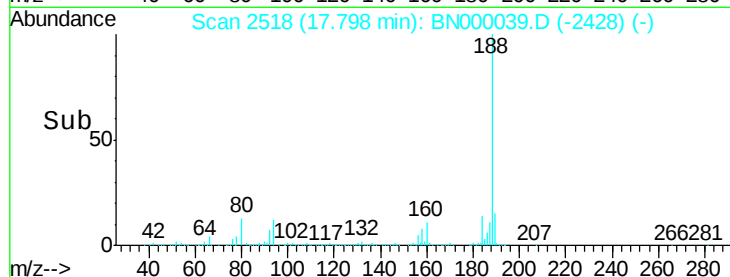
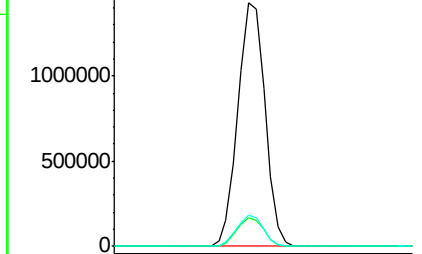
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 39.260 ng

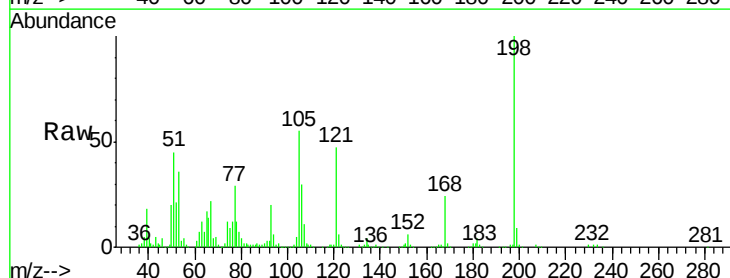
RT: 16.17 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

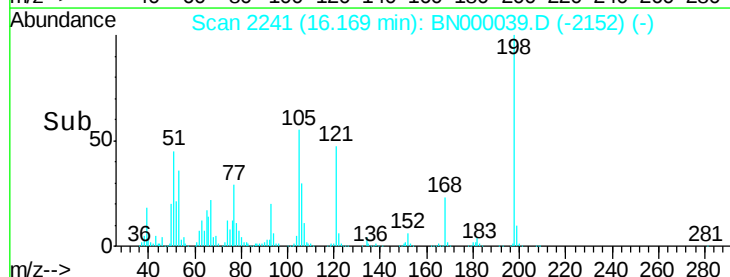
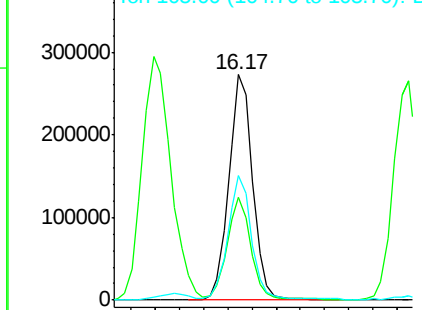
Tgt Ion:	198	Resp:	375692
Ion	Ratio	Lower	Upper
198	100		
51	45.4	30.6	70.6
105	55.0	23.8	63.8

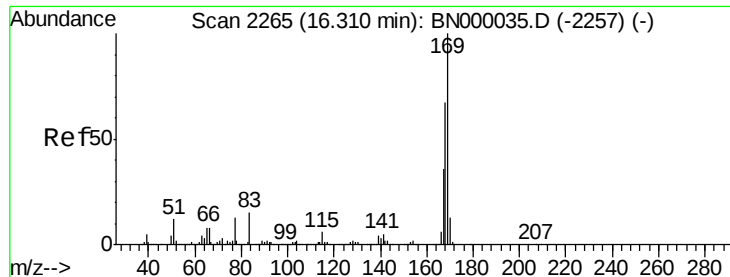


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





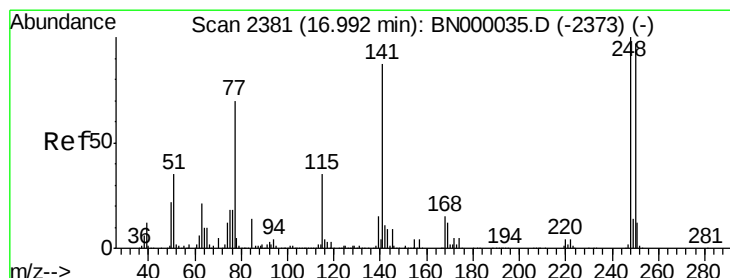
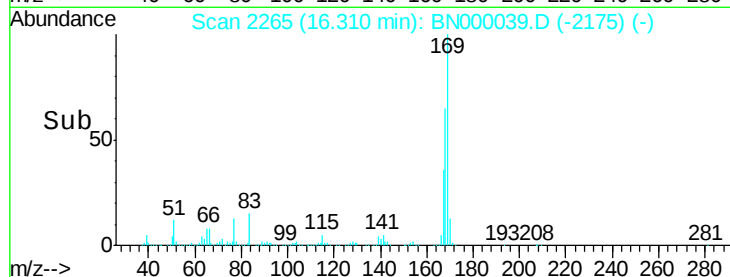
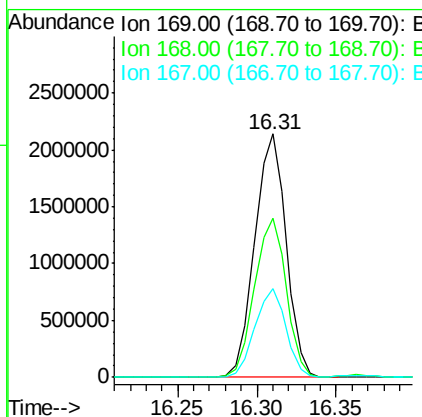
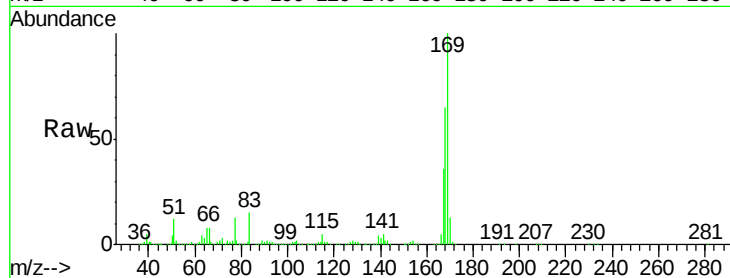
#65
n-Nitrosodiphenylamine
Concen: 42.865 ng
RT: 16.31 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampleId :
ICVBN020718

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.4	55.7	83.5
167	36.4	30.1	45.1

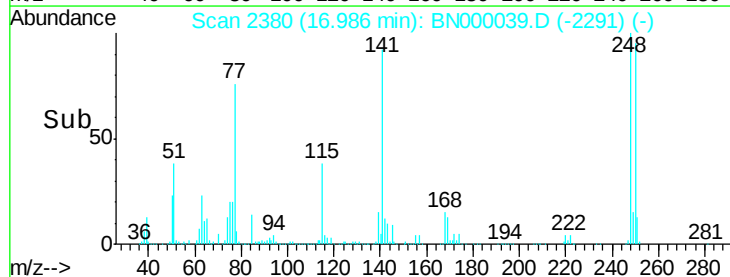
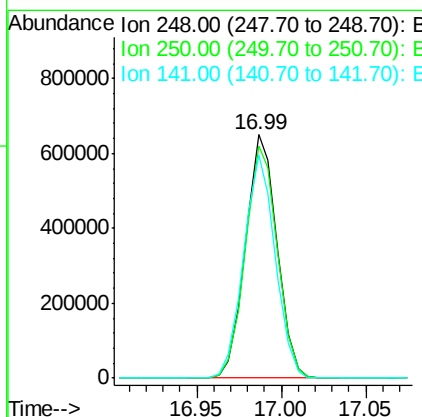
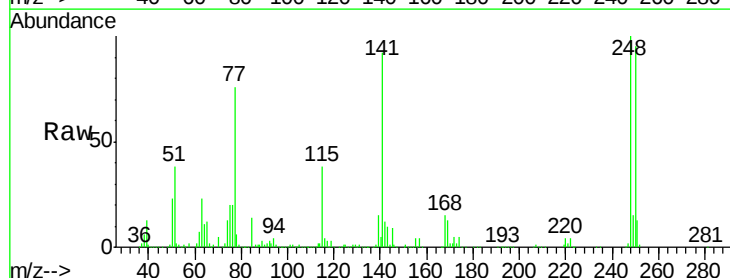
Manual Integrations
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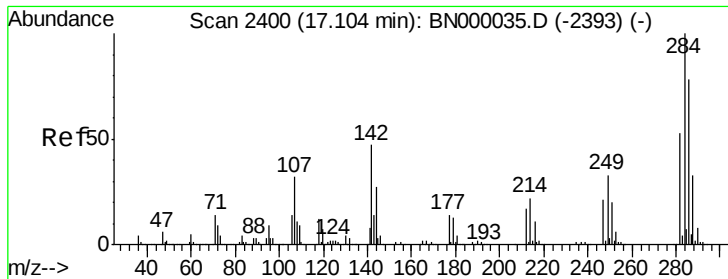
Sohil
2/8/2018 3:37:33 PM



#66
4-Bromophenyl-phenylether
Concen: 41.813 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.1	115.7
141	91.7	50.8	76.2





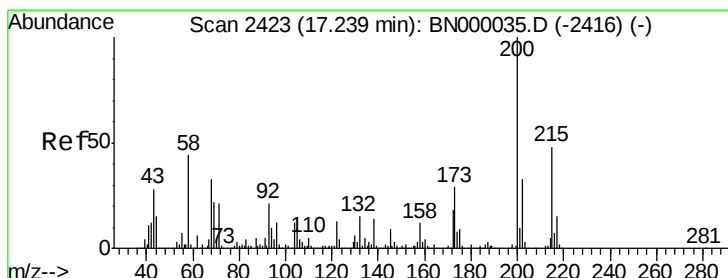
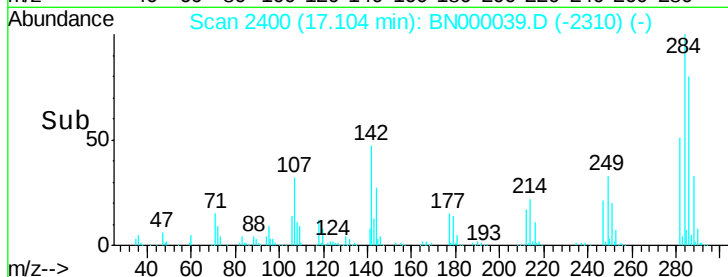
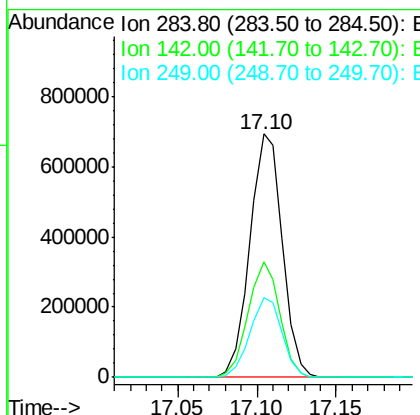
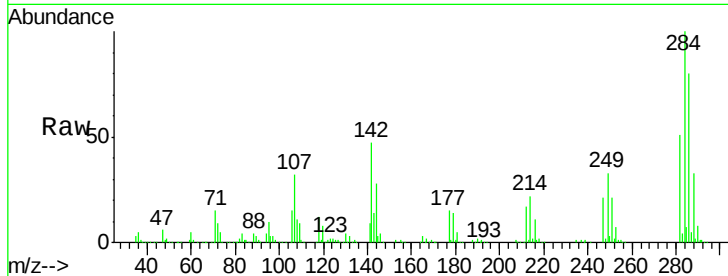
#67
Hexachlorobenzene
Concen: 41.690 ng
RT: 17.10 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampleId :
ICVBN020718

Tot Ion	Ratio	Resp	Lower	Upper
284	100	984300		
142	47.4	26.8	40.2	#
249	32.8	26.3	39.5	

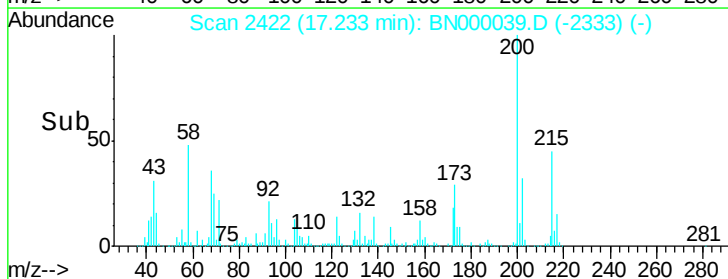
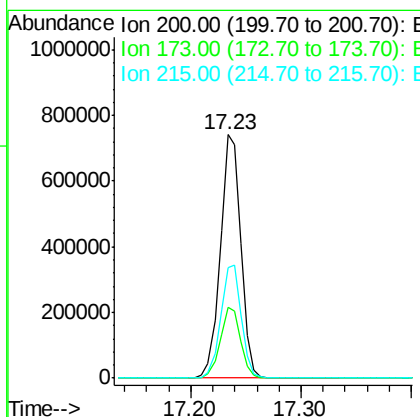
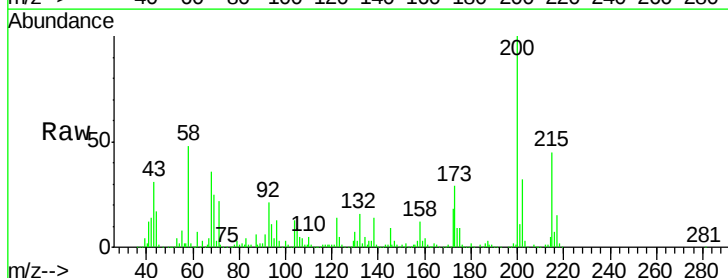
Manual Integrations
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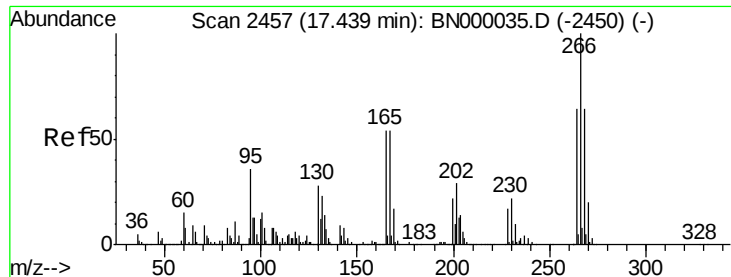
Sohil
2/8/2018 3:37:33 PM



#68
Atrazine
Concen: 42.592 ng
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	958922		
173	29.1	5.2	45.2	
215	45.4	30.4	70.4	





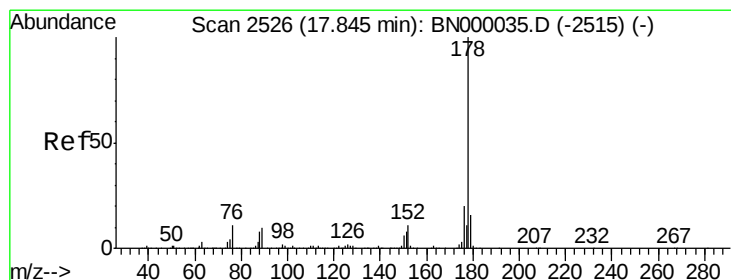
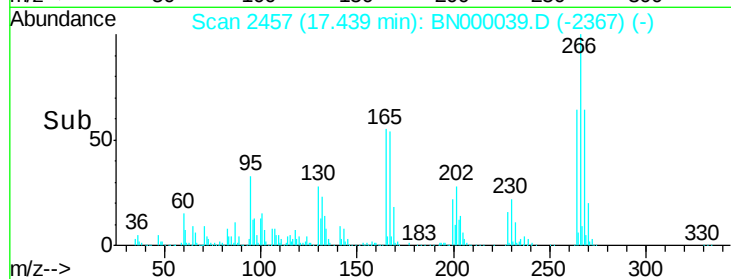
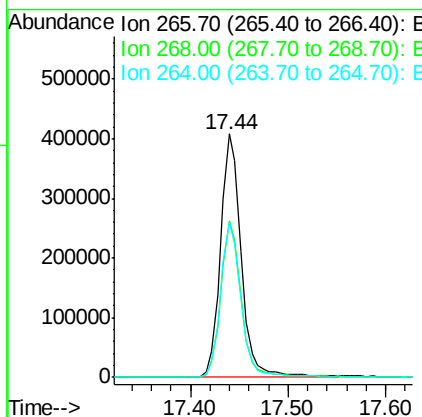
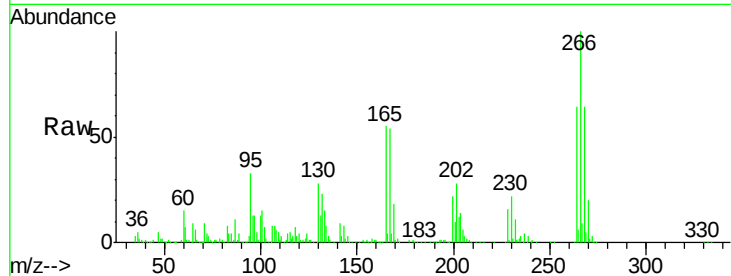
#69
 Pentachlorophenol
 Concen: 40.113 ng
 RT: 17.44 min Scan# 2457
 Delta R.T. 0.00 min
 Lab File: BN000039.D
 Acq: 07 Feb 2018 15:45

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN020718

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.1	76.7
264	63.9	49.6	74.4

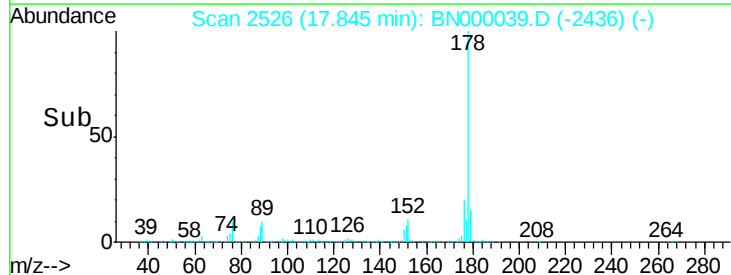
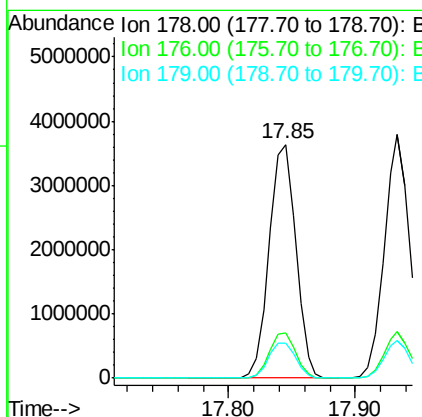
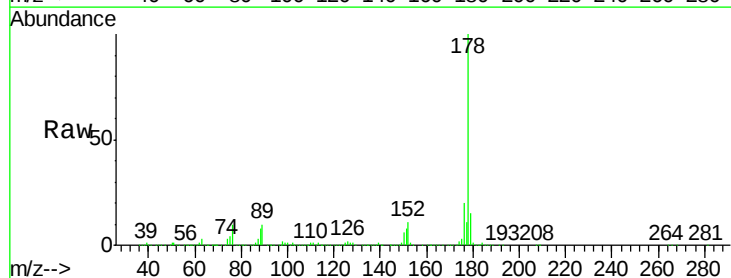
Manual Integrations
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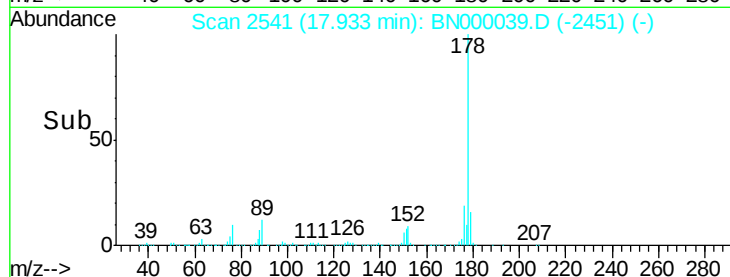
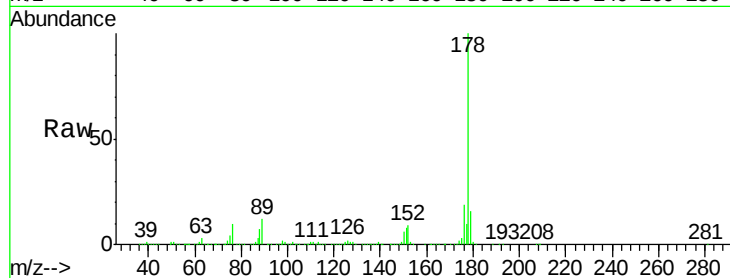
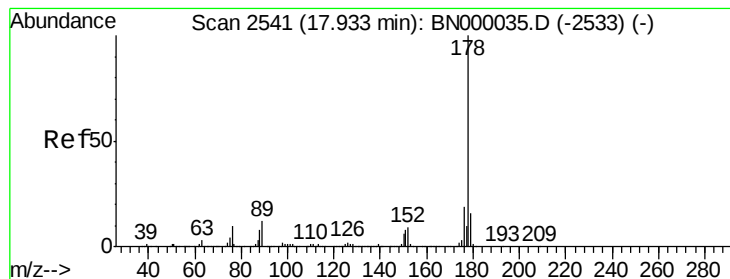
Sohil
 2/8/2018 3:37:33 PM



#70
 Phenanthrene
 Concen: 42.131 ng
 RT: 17.85 min Scan# 2526
 Delta R.T. 0.00 min
 Lab File: BN000039.D
 Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.3	12.5	18.7





#71

Anthracene

Concen: 43.464 ng

RT: 17.93 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.0	24.0
179	15.6	12.5	18.7

Instrument :

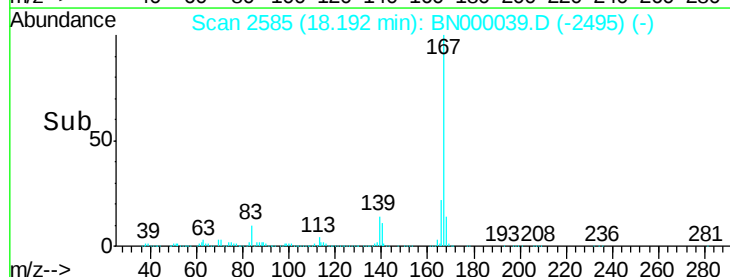
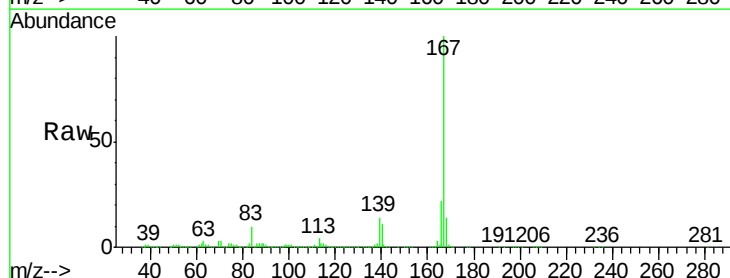
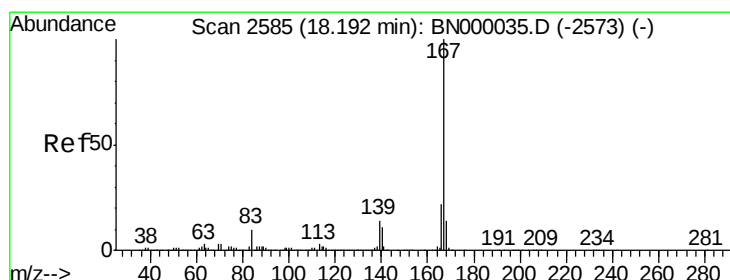
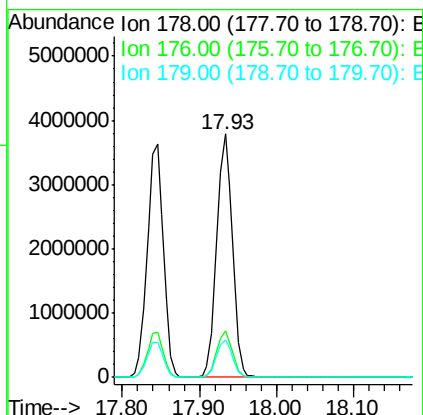
BNA_N

ClientSampleId :

ICVBN020718

Manual Integrations
APPROVED

Sohil
2/8/2018 3:37:33 PM



#72

Carbazole

Concen: 43.658 ng

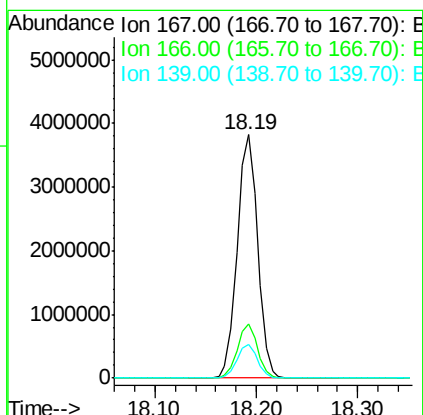
RT: 18.19 min Scan# 2585

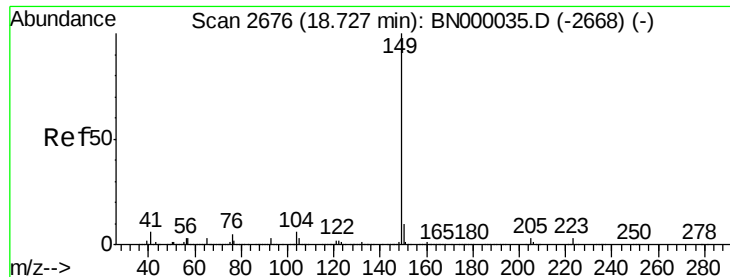
Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.8	9.4	14.2





#73

Di-n-butylphthalate

Concen: 45.162 ng

RT: 18.73 min Scan# 2676

Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Instrument :

BNA_N

ClientSampleId :

ICVBN020718

Tot Ion:149 Resp: 6107327

Ion Ratio Lower Upper

149 100

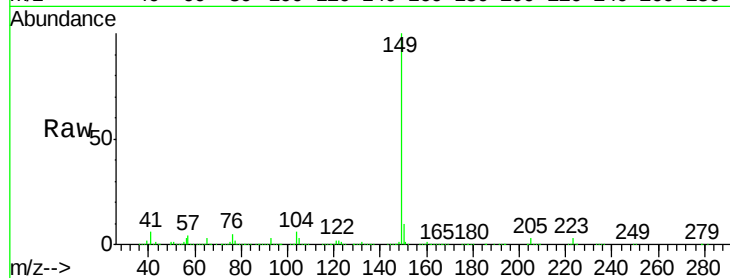
150 9.5 7.8 11.6

104 5.7 3.9 5.9

Manual Integrations
APPROVED

Sohil

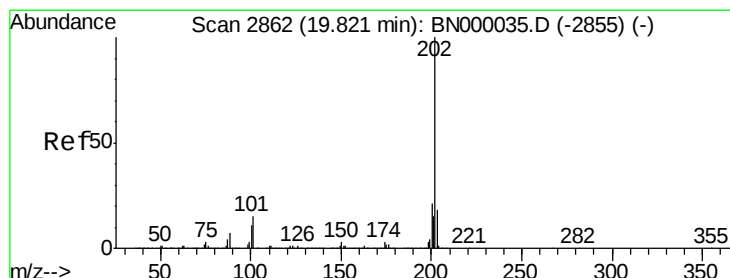
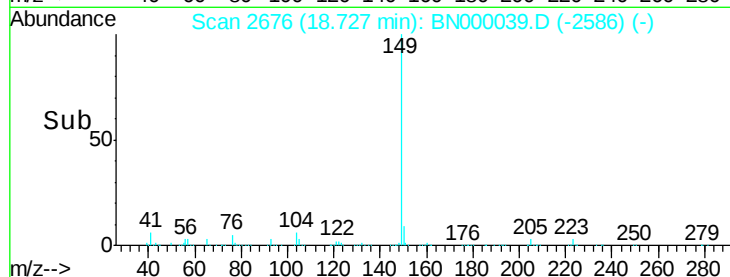
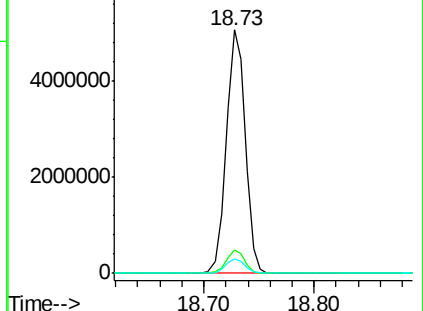
2/8/2018 3:37:33 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.495 ng

RT: 19.82 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

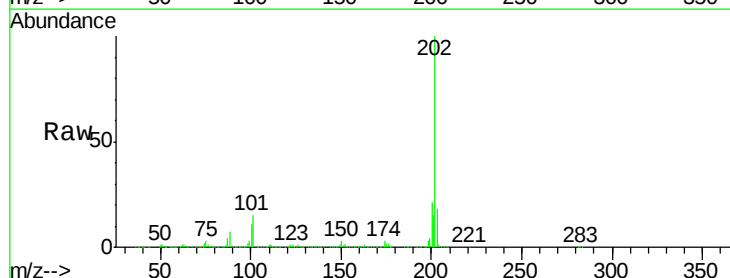
Tgt Ion:202 Resp: 5862019

Ion Ratio Lower Upper

202 100

101 15.0 0.0 28.9

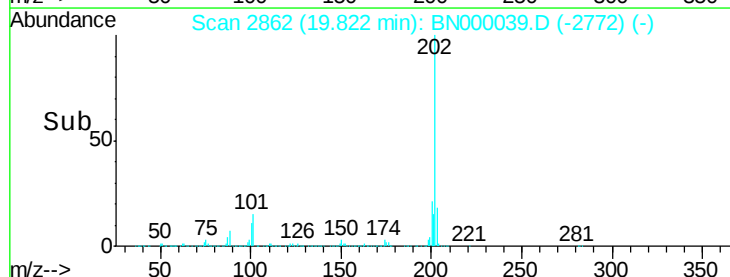
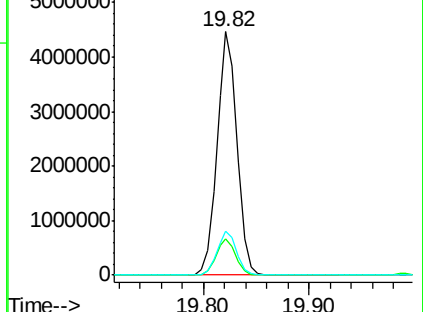
203 18.1 0.0 37.5

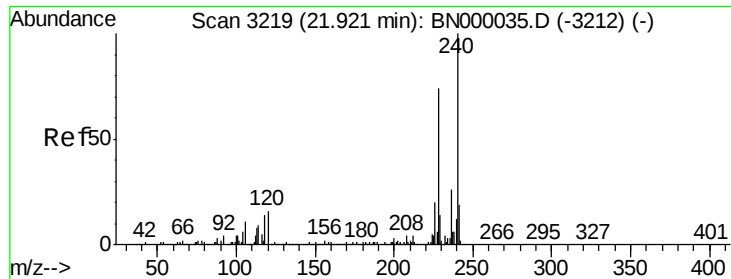


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.95 min Scan# 3224

Delta R.T. 0.03 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Instrument :

BNA_N

ClientSampleId :

ICVBN020718

Tot Ion:240 Resp: 2308245

Ion Ratio Lower Upper

240 100

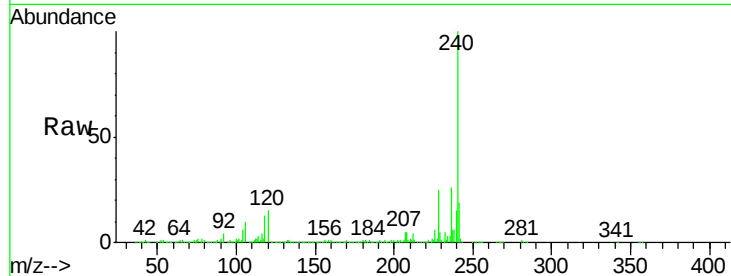
120 14.6 6.8 10.2#

236 25.8 20.9 31.3

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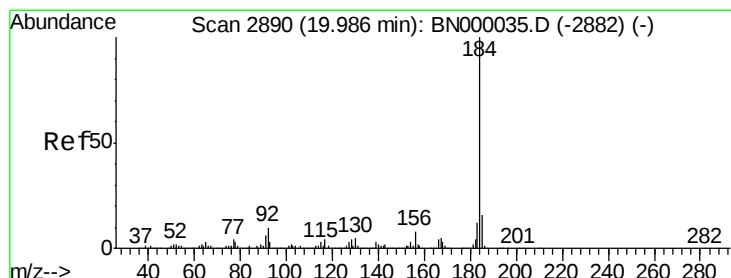
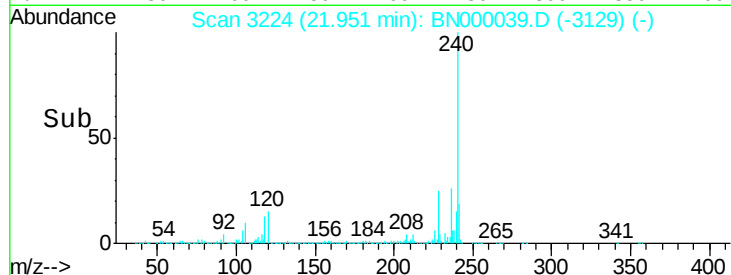
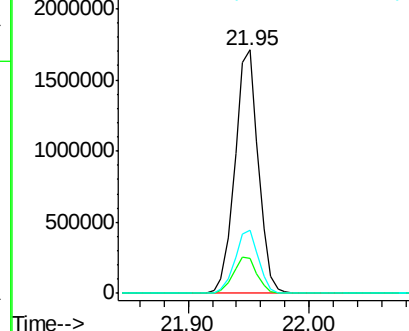
2/8/2018 3:37:33 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.439 ng

RT: 19.99 min Scan# 2891

Delta R.T. 0.01 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

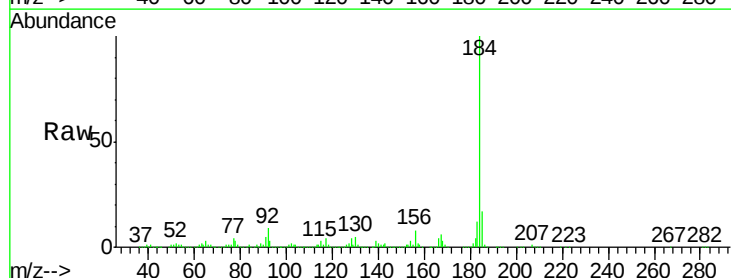
Tgt Ion:184 Resp: 3049095

Ion Ratio Lower Upper

184 100

185 17.4 11.1 16.7#

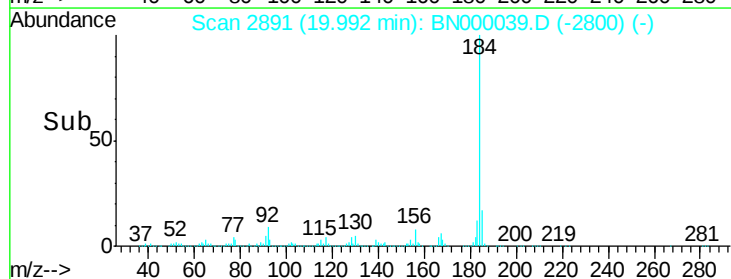
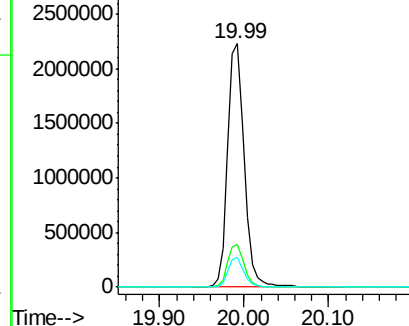
183 12.2 10.6 16.0

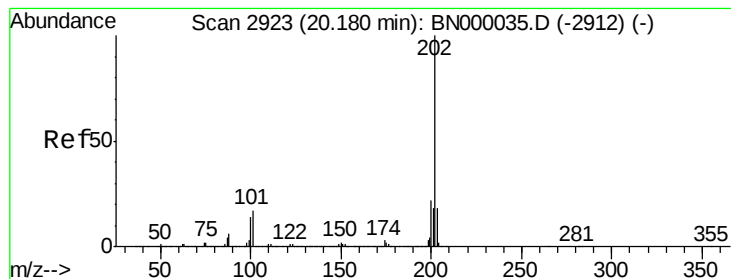


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.936 ng

RT: 20.18 min Scan# 2923

Delta R.T. 0.00 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Instrument :

BNA_N

ClientSampleId :

ICVBN020718

Tot Ion:202 Resp: 6298893

Ion Ratio Lower Upper

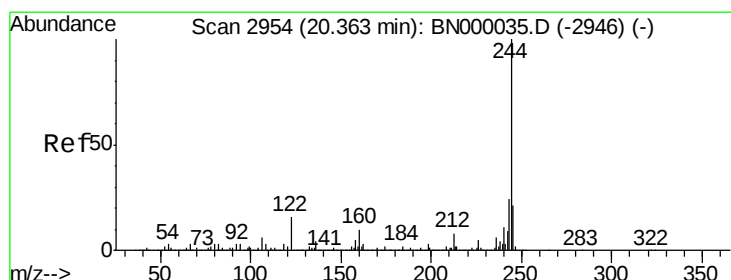
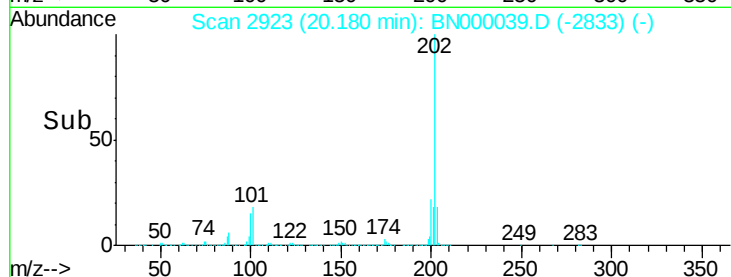
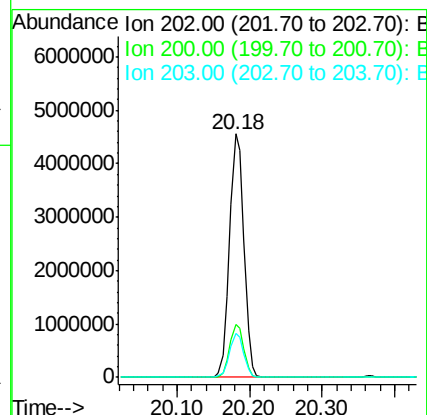
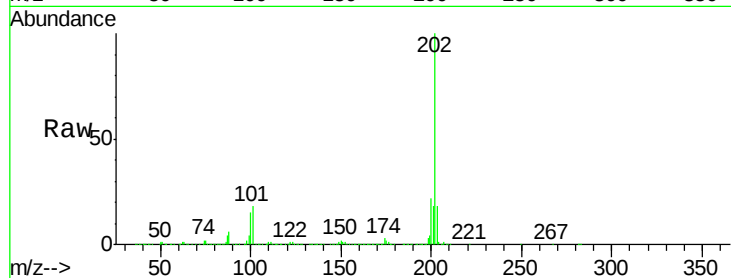
202 100

200 21.9 16.9 25.3

203 18.1 13.9 20.9

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#78

Terphenyl-d14

Concen: 85.577 ng

RT: 20.37 min Scan# 2955

Delta R.T. 0.01 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

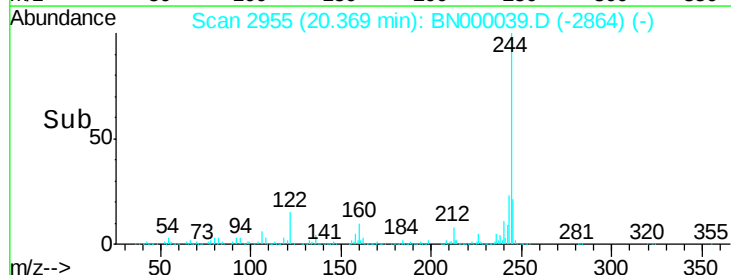
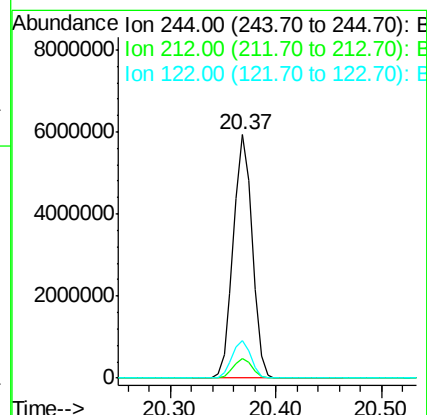
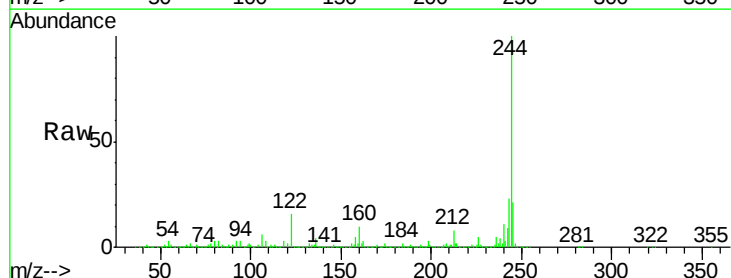
Tgt Ion:244 Resp: 7315651

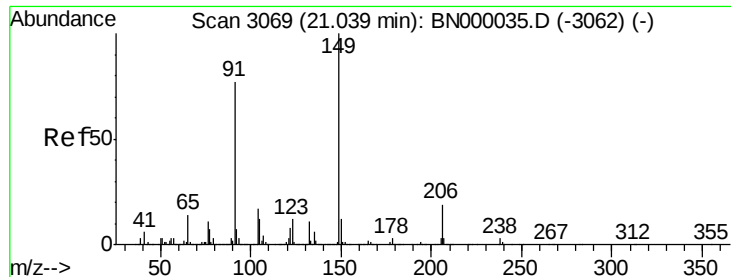
Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

122 15.7 7.0 10.4#





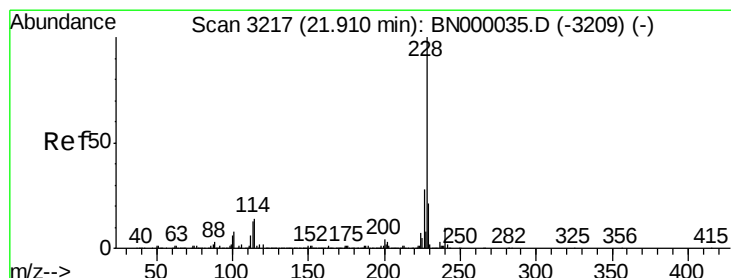
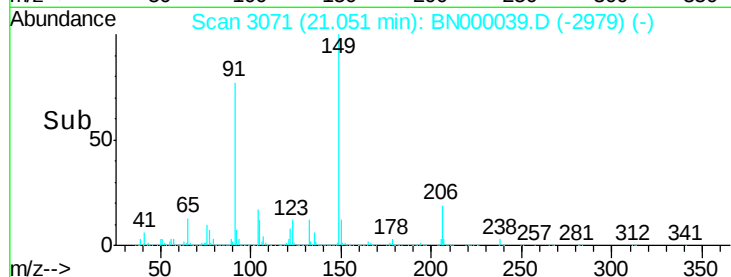
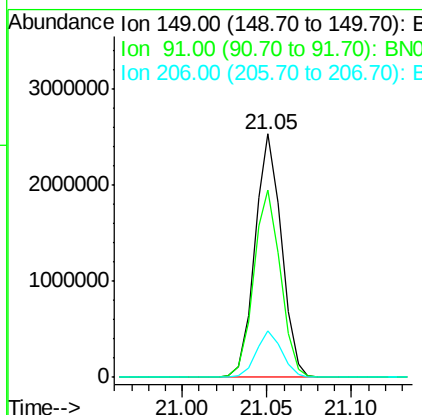
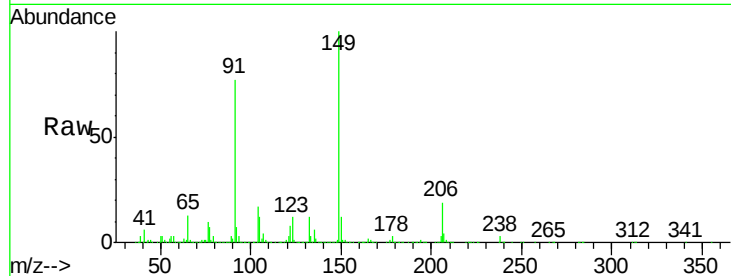
#79
Butylbenzylphthalate
Concen: 40.568 ng
RT: 21.05 min Scan# 3071
Delta R.T. 0.01 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampleId :
ICVBN020718

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.2	62.2	93.2
206	19.0	18.6	27.8

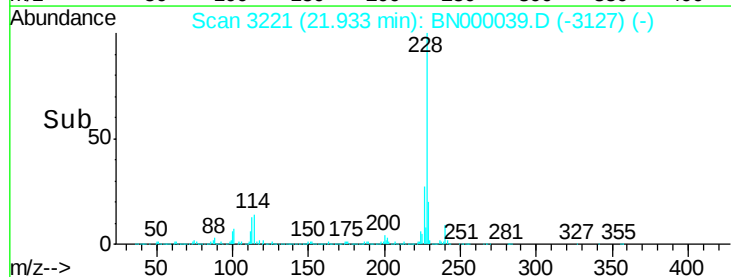
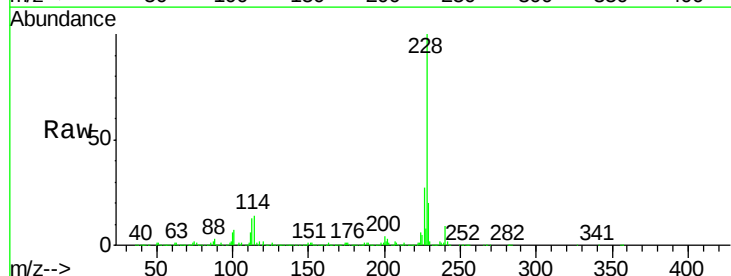
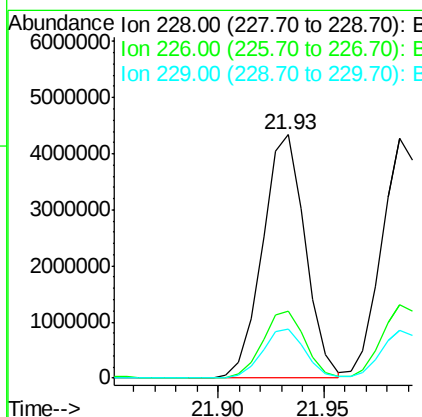
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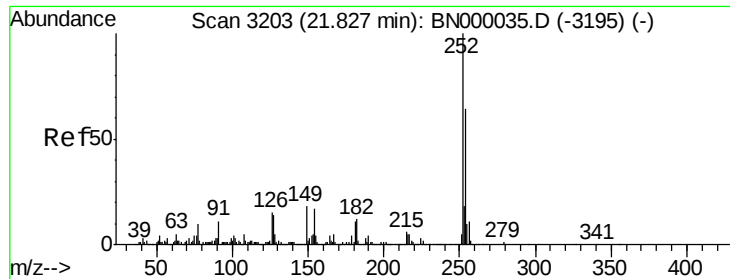
Sohil
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#80
Benzo(a)anthracene
Concen: 42.901 ng
RT: 21.93 min Scan# 3221
Delta R.T. 0.02 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	20.1	16.2	24.2





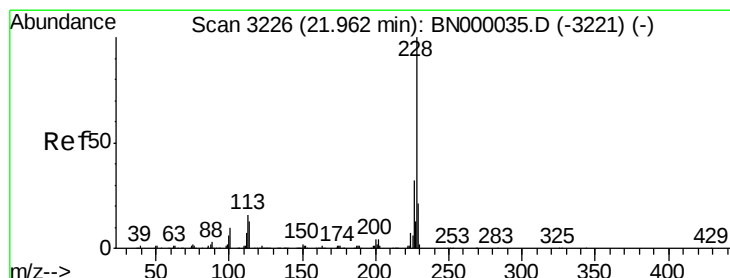
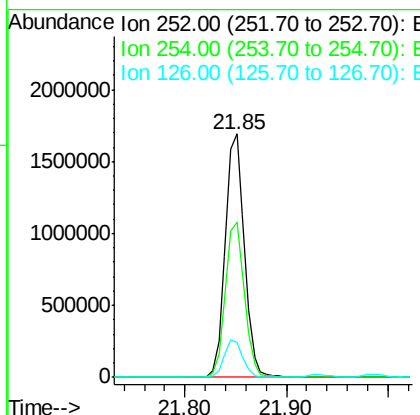
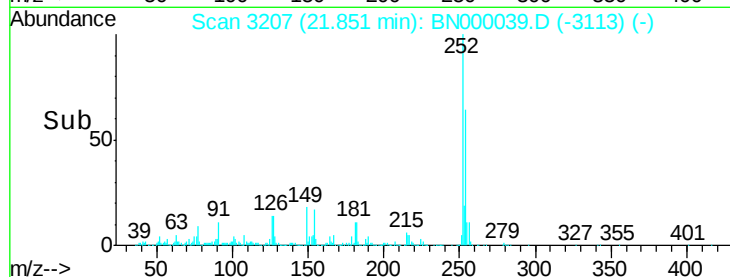
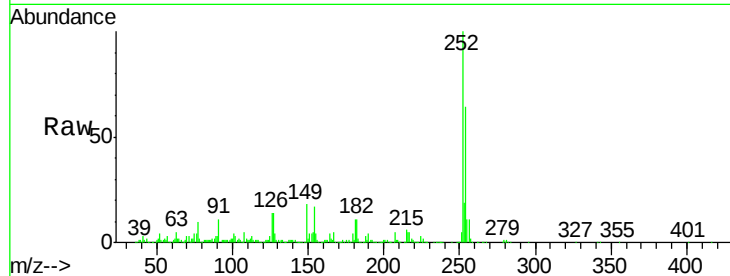
#81
 3,3'-Dichlorobenzidine
 Concen: 42.504 ng
 RT: 21.85 min Scan# 3207
 Delta R.T. 0.02 min
 Lab File: BN000039.D
 Acq: 07 Feb 2018 15:45

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN020718

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.8	76.2
126	14.2	7.4	11.2

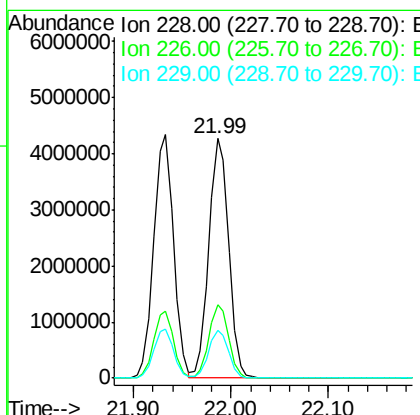
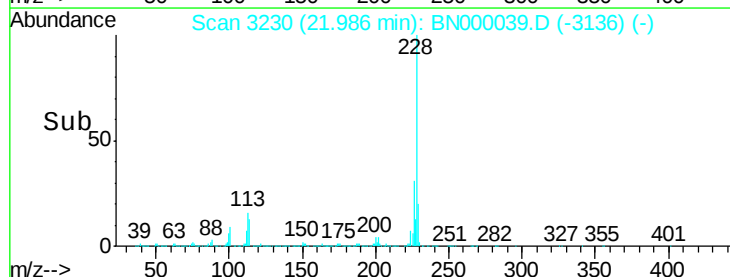
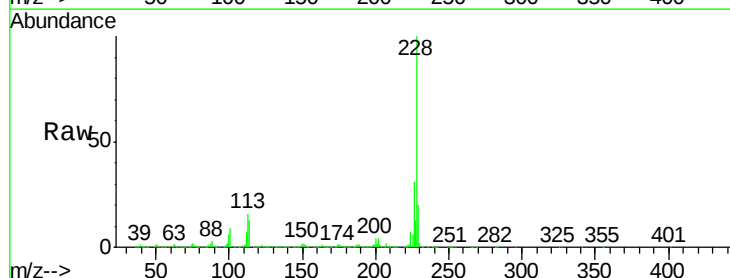
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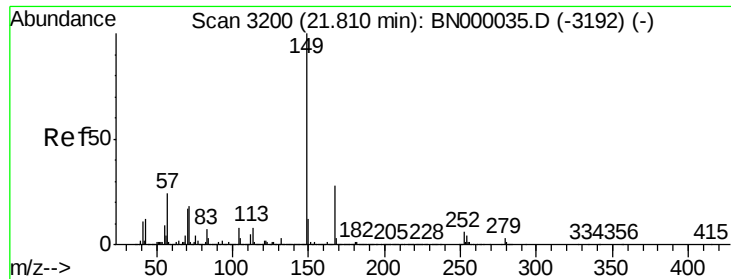
Sohil
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#82
 Chrysene
 Concen: 42.561 ng
 RT: 21.99 min Scan# 3230
 Delta R.T. 0.02 min
 Lab File: BN000039.D
 Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	20.0	15.0	22.4





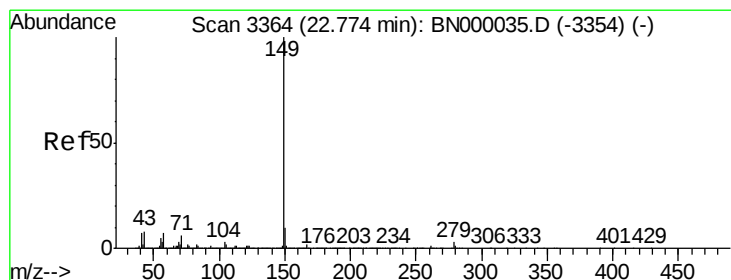
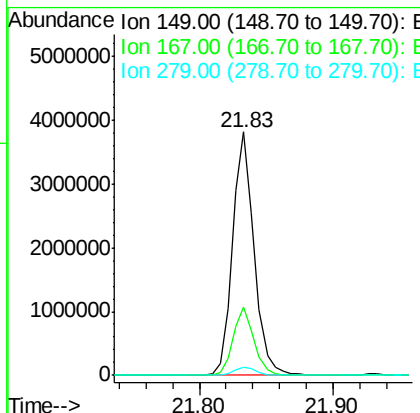
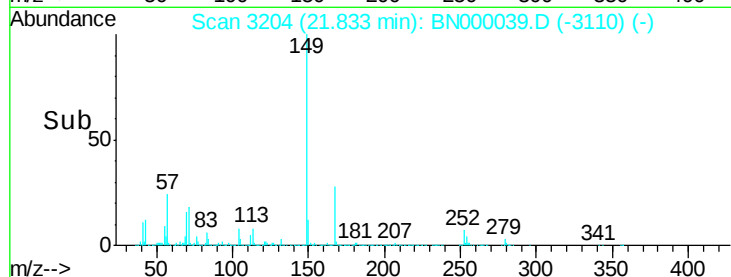
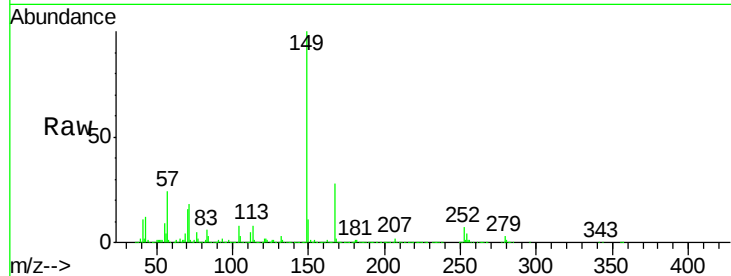
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.889 ng
 RT: 21.83 min Scan# 3204
 Delta R.T. 0.02 min
 Lab File: BN000039.D
 Acq: 07 Feb 2018 15:45

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN020718

Tot Ion:149 Resp: 4285619
 Ion Ratio Lower Upper
 149 100
 167 27.9 24.3 36.5
 279 3.4 4.0 6.0#

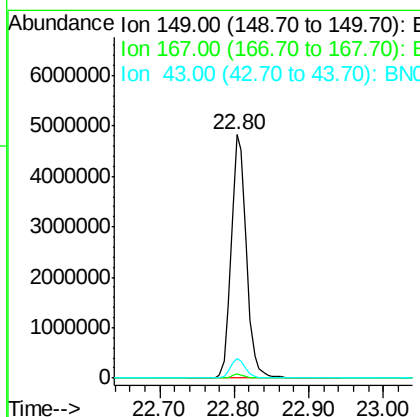
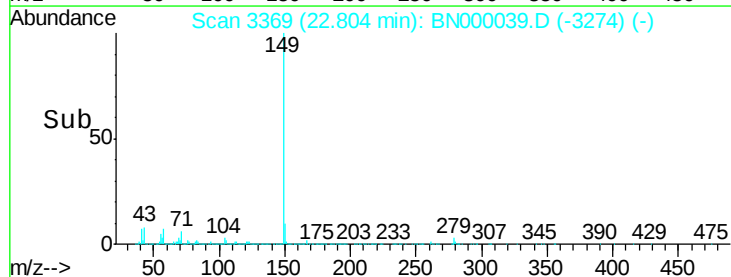
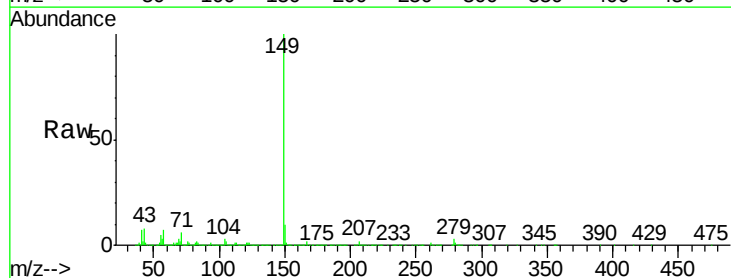
Manual Integrations
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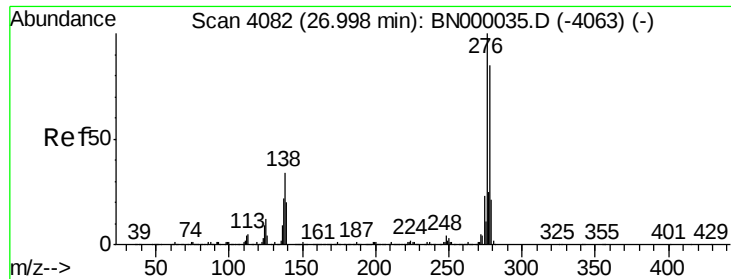
Sohil
 2/8/2018 3:37:33 PM



#84
 Di-n-octyl phthalate
 Concen: 40.793 ng
 RT: 22.80 min Scan# 3369
 Delta R.T. 0.03 min
 Lab File: BN000039.D
 Acq: 07 Feb 2018 15:45

Tgt Ion:149 Resp: 6856070
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 8.2 8.9 13.3#





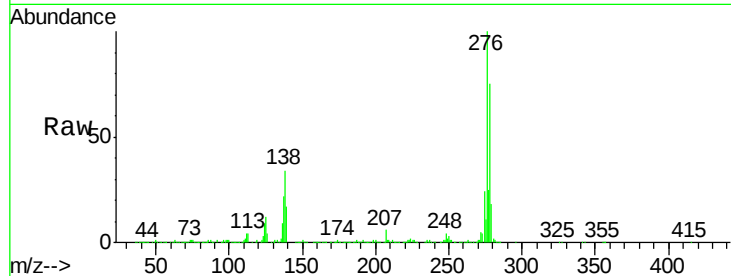
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.525 ng
RT: 27.04 min Scan# 4089
Delta R.T. 0.04 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampleId :
ICVBN020718

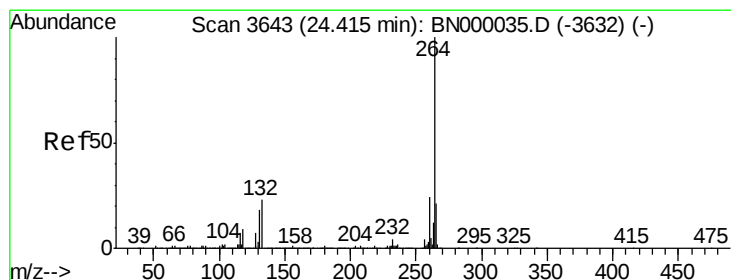
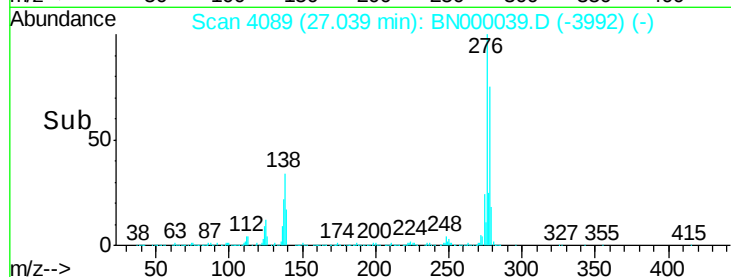
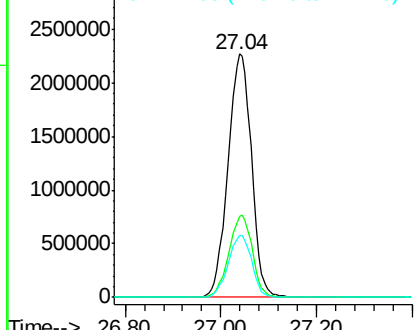
Tot Ion:276 Resp: 7732995
Ion Ratio Lower Upper
276 100
138 33.7 16.0 24.0#
277 25.5 20.0 30.0

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2/8/2018 3:37:33 PM

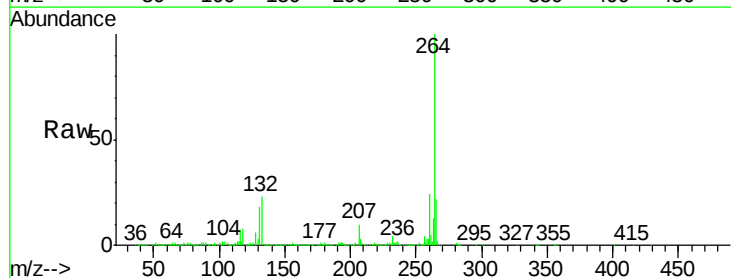


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

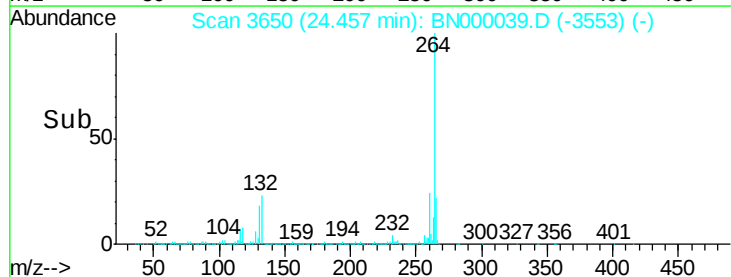
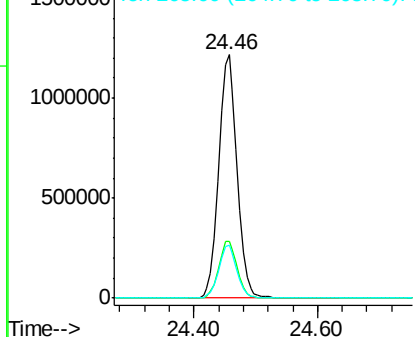


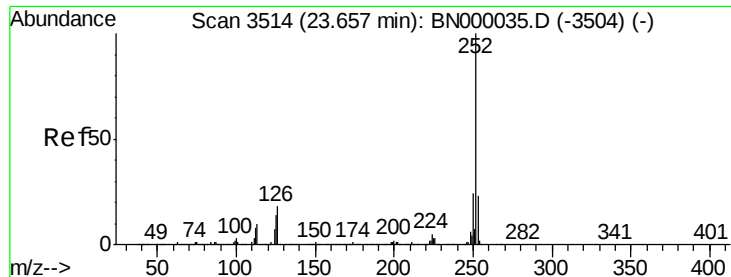
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.46 min Scan# 3650
Delta R.T. 0.04 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion:264 Resp: 2503414
Ion Ratio Lower Upper
264 100
260 23.6 17.4 26.0
265 21.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.116 ng

RT: 23.70 min Scan# 3521

Delta R.T. 0.04 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Instrument :

BNA_N

ClientSampleId :

ICVBN020718

Tot Ion:252 Resp: 6317936

Ion Ratio Lower Upper

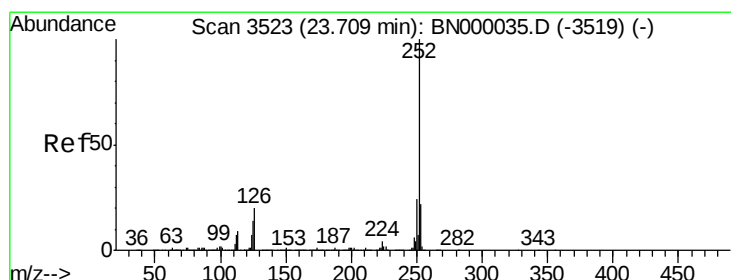
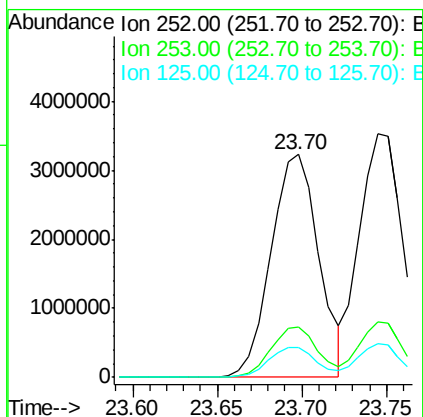
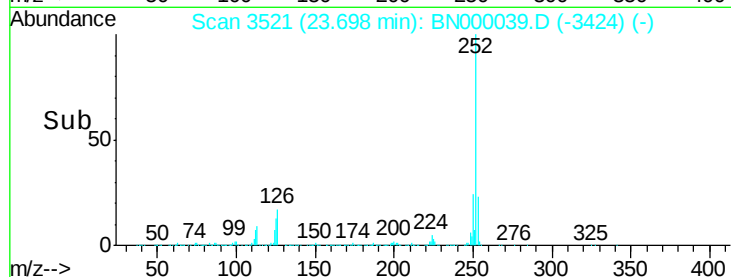
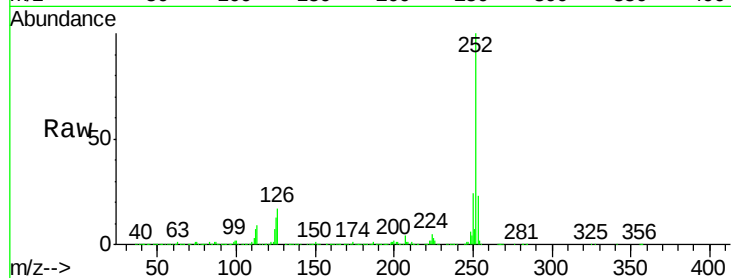
252 100

253 22.7 18.2 27.4

125 13.2 7.2 10.8#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.042 ng

RT: 23.74 min Scan# 3529

Delta R.T. 0.04 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

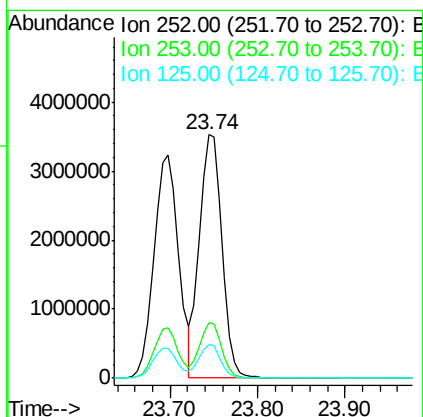
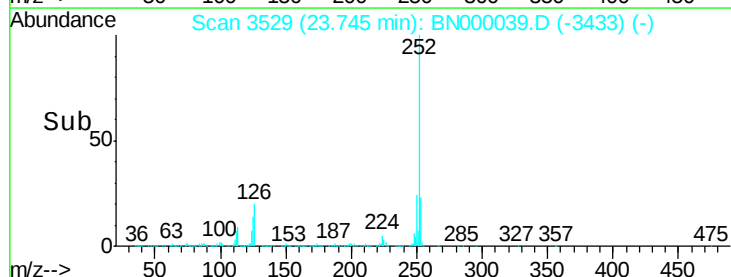
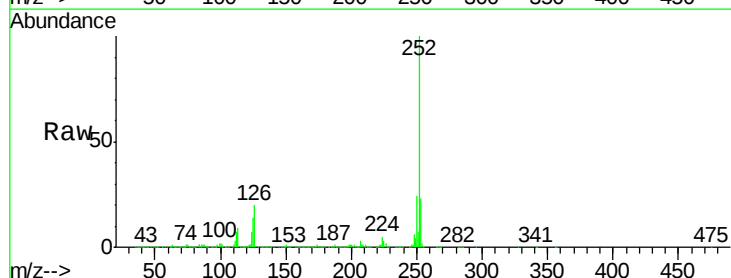
Tgt Ion:252 Resp: 6352218

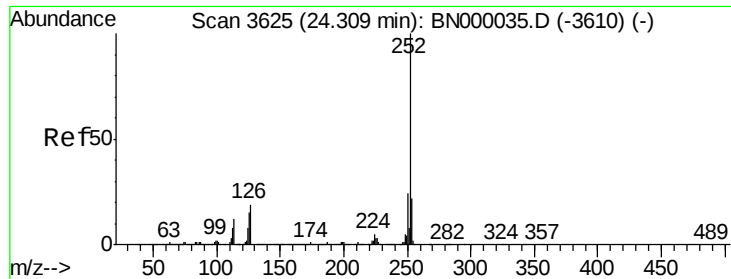
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 13.7 6.6 9.8#





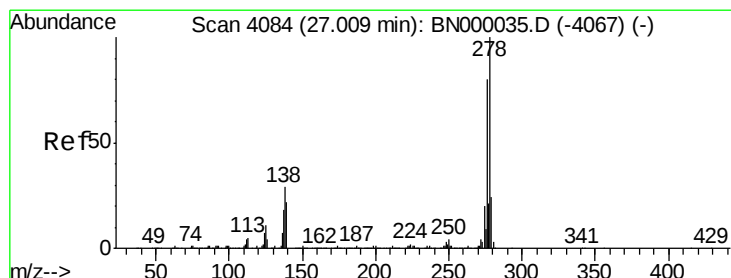
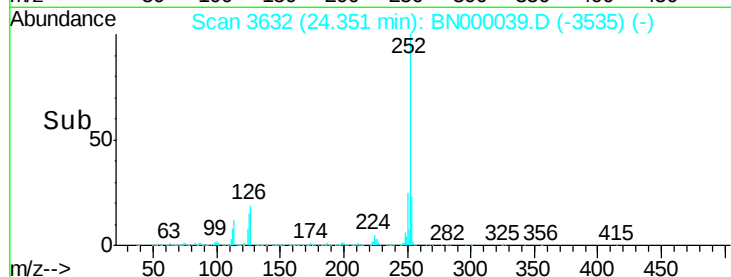
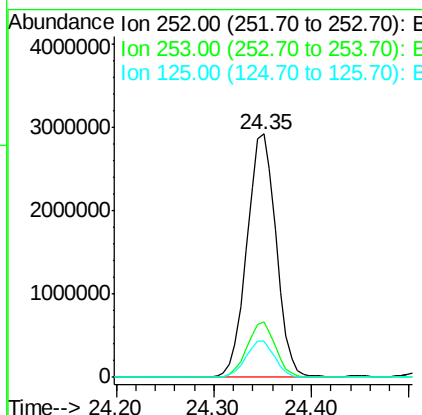
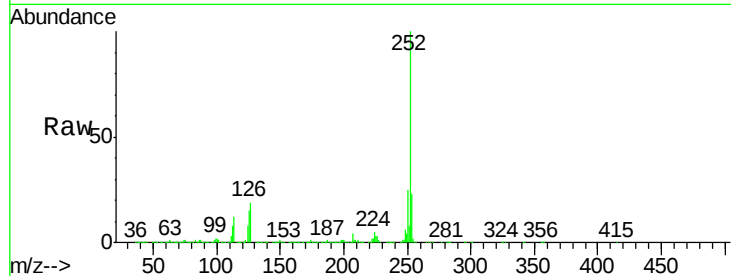
#89
Benzo(a)pyrene
Concen: 43.358 ng
RT: 24.35 min Scan# 3632
Delta R.T. 0.04 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Instrument :
BNA_N
ClientSampleId :
ICVBN020718

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	14.8	7.3	10.9

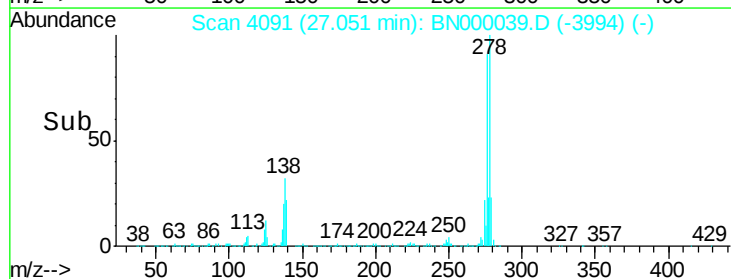
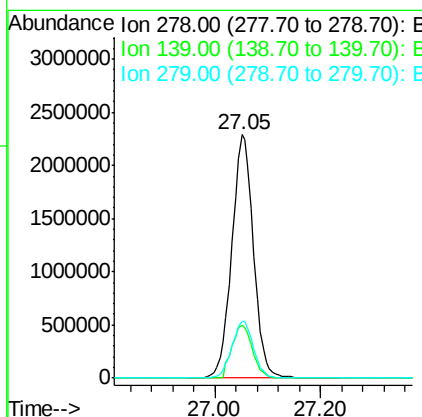
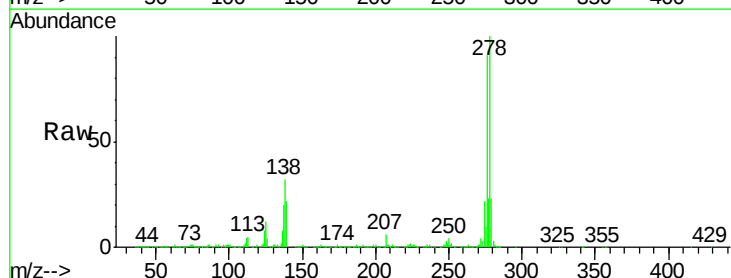
Manual Integrations
APPROVED

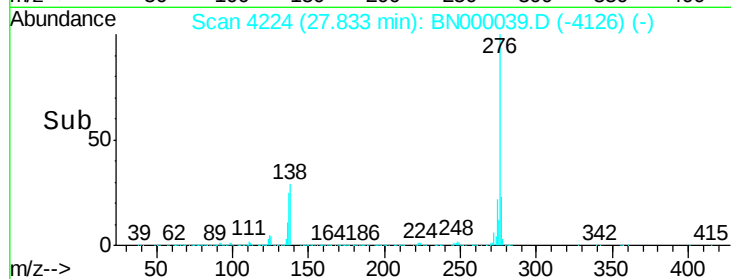
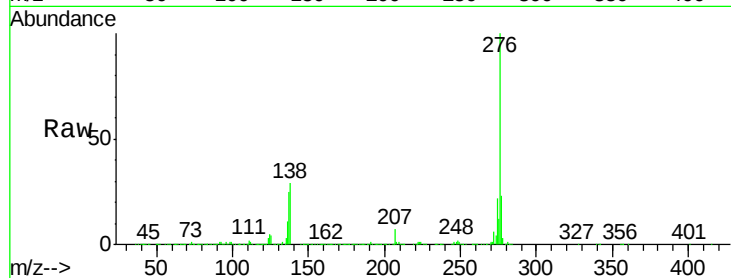
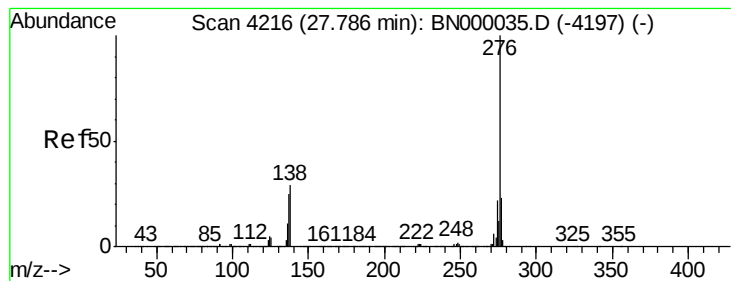
Sohil
2/8/2018 3:37:33 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.295 ng
RT: 27.05 min Scan# 4091
Delta R.T. 0.04 min
Lab File: BN000039.D
Acq: 07 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	9.8	14.6
279	23.3	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 44.224 ng

RT: 27.83 min Scan# 4224

Delta R.T. 0.05 min

Lab File: BN000039.D

Acq: 07 Feb 2018 15:45

Tot Ion: 276 Resp: 6571384

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 28.7 13.9 20.9#

Instrument :

BNA_N

ClientSampleId :

ICVBN020718

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Sohil
2/8/2018 3:37:33 PM

