

Data Path : Z:\HPCHEM1\BNA F\DATA\BF-2018\BF-FEB-2018\BF020318\
 Data File : BF102712.D
 Acq On : 3 Feb 2018 12:41
 Operator : SJ/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020318

Manual Integrations
 APPROVED

Sohil
 4/13/2018 4:48:05 PM

Quant Time: Apr 13 16:03:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 16:01:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	185341	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	798611	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	372565	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	656042	20.00	ng	0.00
75) Chrysene-d12	14.04	240	487545	20.00	ng	0.00
86) Perylene-d12	15.51	264	464059	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	889084	72.85	ng	0.00
7) Phenol-d6	6.50	99	1071358	72.91	ng	0.00
23) Nitrobenzene-d5	7.45	82	934100	81.14	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	246305	82.14	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1657938	73.84	ng	0.00
78) Terphenyl-d14	12.99	244	1425159	69.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	219699	36.447	ng	# 85
3) Pyridine	3.43	79	621859	37.340	ng	87
4) n-Nitrosodimethylamine	3.37	42	263353	36.959	ng	92
6) Aniline	6.54	93	788865	36.352	ng	95
8) 2-Chlorophenol	6.66	128	464824	36.996	ng	99
9) Benzaldehyde	6.43	77	397776	36.451	ng	98
10) Phenol	6.51	94	576495	36.820	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	476240	36.343	ng	87
12) 1,3-Dichlorobenzene	6.82	146	536248	36.856	ng	98
13) 1,4-Dichlorobenzene	6.90	146	528735	36.481	ng	98
14) 1,2-Dichlorobenzene	7.05	146	495201	36.683	ng	98
15) Benzyl Alcohol	7.02	79	429822	38.045	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	920779	36.990	ng	96
17) 2-Methylphenol	7.12	107	427559	36.892	ng	100
18) Hexachloroethane	7.39	117	187562	37.739	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	357662	36.916	ng	92
20) 3+4-Methylphenols	7.27	107	538438	37.674	ng	96
22) Acetophenone	7.29	105	698860	35.761	ng	95
24) Nitrobenzene	7.46	77	529699	39.107	ng	97
25) Isophorone	7.70	82	956971	36.100	ng	99
26) 2-Nitrophenol	7.77	139	220323	41.119	ng	97
27) 2,4-Dimethylphenol	7.80	122	422701	37.743	ng	97
28) bis(2-Chloroethoxy)methane	7.91	93	567401	36.132	ng	100
29) 2,4-Dichlorophenol	8.01	162	382065	37.527	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	421611	36.606	ng	97
31) Naphthalene	8.19	128	1419252	36.374	ng	100
32) Benzoic acid	7.92	122	316823	42.214	ng	97
33) 4-Chloroaniline	8.23	127	609005	36.231	ng	97
34) Hexachlorobutadiene	8.30	225	214458	36.337	ng	100
35) Caprolactam	8.60	113	137752	38.960	ng	# 72
36) 4-Chloro-3-methylphenol	8.70	107	429650	37.560	ng	98
37) 2-Methylnaphthalene	8.87	142	926449	36.266	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	362829	35.767	ng	98
40) Hexachlorocyclopentadiene	9.03	237	194555	40.344	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	263315	39.519	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	293365	39.064	nq	99
45) 1,1'-Biphenyl	9.34	154	1120006	35.692	nq	99
46) 2-Chloronaphthalene	9.36	162	904421	36.609	nq	99
47) 2-Nitroaniline	9.46	65	301428	40.152	nq	92
48) Acenaphthylene	9.78	152	1403467	36.577	nq	99
49) Dimethylphthalate	9.64	163	1067825	36.759	nq	100
50) 2,6-Dinitrotoluene	9.70	165	228728	41.386	nq	96
51) Acenaphthene	9.95	154	840695	36.637	nq	99
52) 3-Nitroaniline	9.87	138	276301	40.630	nq	97
53) 2,4-Dinitrophenol	9.96	184	56985	45.313	nq	# 48
54) Dibenzofuran	10.12	168	1188224	36.744	nq	98
55) 4-Nitrophenol	10.01	139	207325	39.257	nq	94
56) 2,4-Dinitrotoluene	10.10	165	295317	40.365	nq	95
57) Fluorene	10.46	166	880400	37.419	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	214554	41.221	nq	99
59) Diethylphthalate	10.33	149	1064559	37.114	nq	100
60) 4-Chlorophenyl-phenylether	10.46	204	390456	37.514	nq	99
61) 4-Nitroaniline	10.48	138	265537	41.023	nq	97
62) Azobenzene	10.62	77	1055787	36.844	nq	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	110990	42.559	nq	95
65) n-Nitrosodiphenylamine	10.57	169	832924	35.994	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	249719	35.984	nq	97
67) Hexachlorobenzene	11.01	284	276453	36.110	nq	96
68) Atrazine	11.10	200	251612	36.857	nq	99
69) Pentachlorophenol	11.20	266	180168	40.090	nq	98
70) Phenanthrene	11.43	178	1306830	35.767	nq	99
71) Anthracene	11.48	178	1337935	36.003	nq	99
72) Carbazole	11.63	167	1324627	36.384	nq	100
73) Di-n-butylphthalate	11.96	149	1639701	37.076	nq	99
74) Fluoranthene	12.62	202	1313099	35.720	nq	99
76) Benzydine	12.73	184	814669	36.357	nq	# 94
77) Pyrene	12.84	202	1369933	35.833	nq	99
79) Butylbenzylphthalate	13.46	149	682105	37.528	nq	97
80) Benzo(a)anthracene	14.03	228	1101670	35.930	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	432834	38.072	nq	97
82) Chrysene	14.07	228	1113908	36.038	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	897343	38.315	nq	100
84) Di-n-octyl phthalate	14.63	149	1425597	40.539	nq	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	950800	37.090	nq	99
87) Benzo(b)fluoranthene	15.07	252	1064351m	35.376	nq	
88) Benzo(k)fluoranthene	15.11	252	1016306	35.353	nq	100
89) Benzo(a)pyrene	15.45	252	973172	35.935	nq	98
90) Dibenzo(a,h)anthracene	17.01	278	793437	36.096	nq	99
91) Benzo(g,h,i)perylene	17.44	276	782172	36.355	nq	97

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

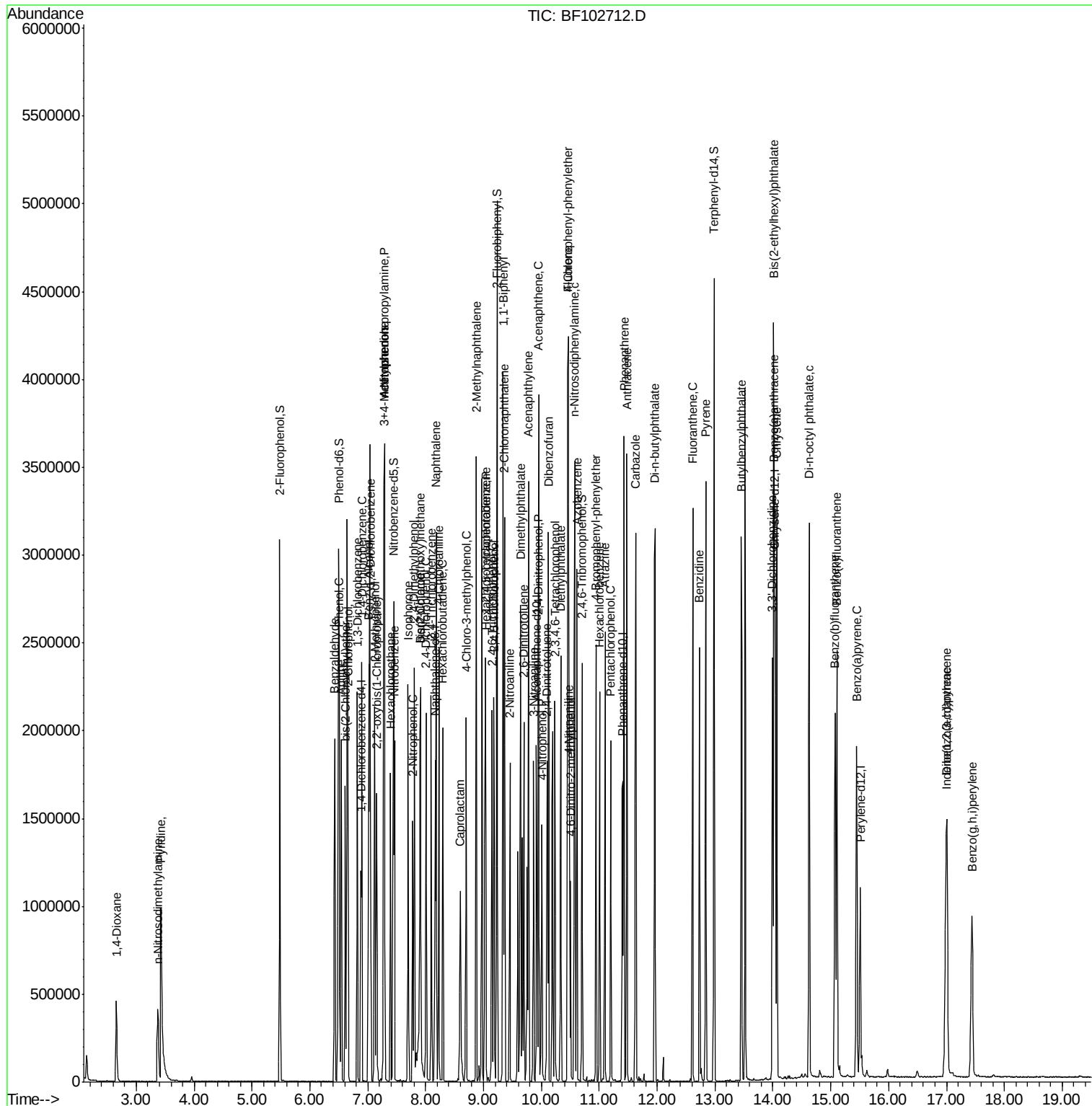
Data Path : Z:\HPCHEM1\BNA F\DATA\BF-2018\BF-FEB-2018\BF020318\
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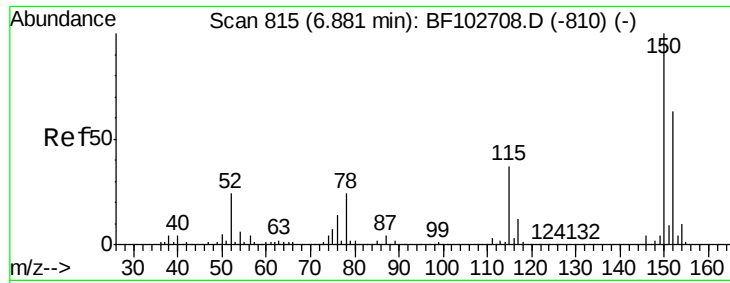
Instrument :
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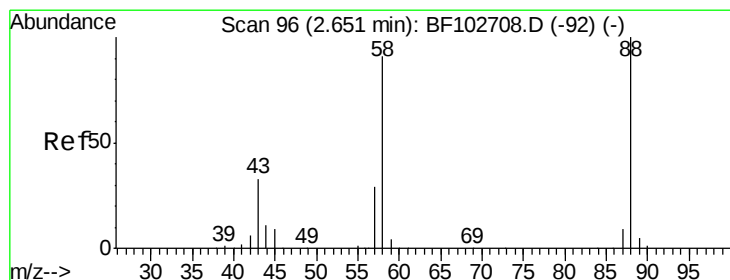
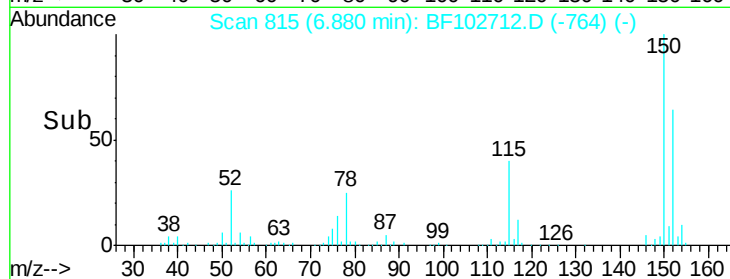
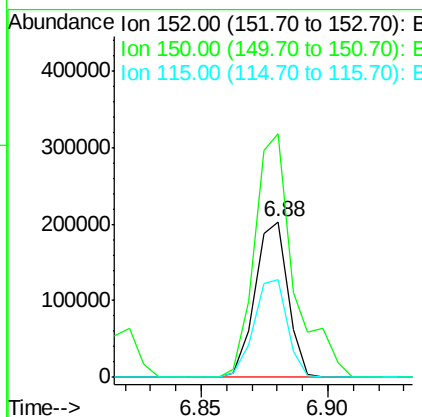
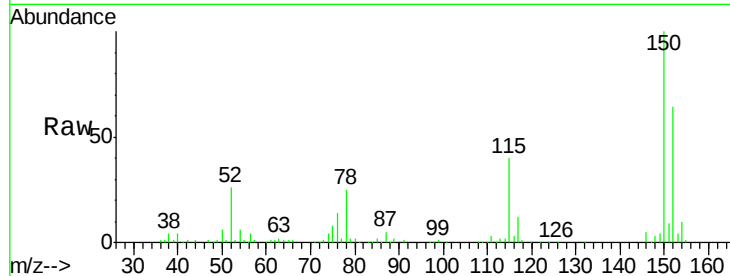
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF102712.D
 Acq: 3 Feb 2018 12:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020318

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	62.7	50.1	75.1

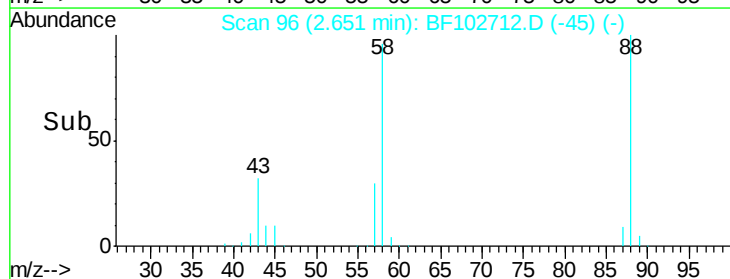
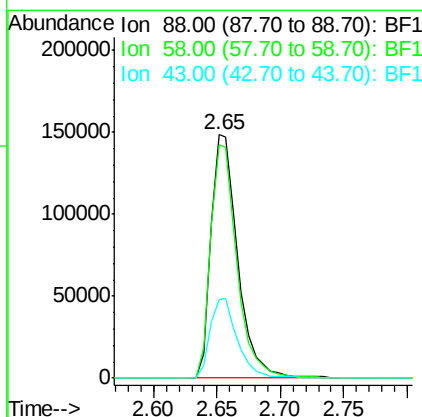
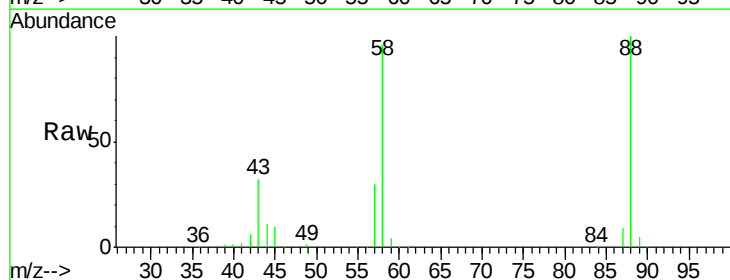
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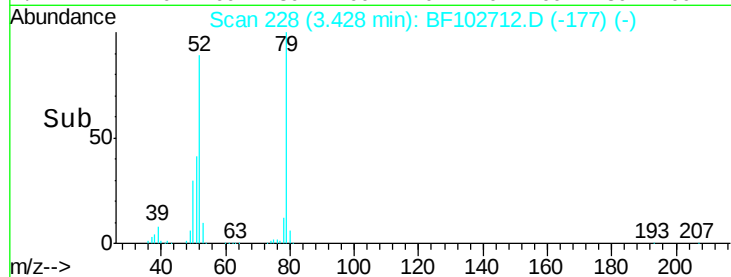
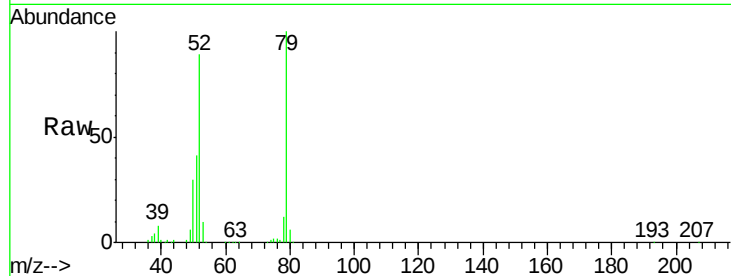
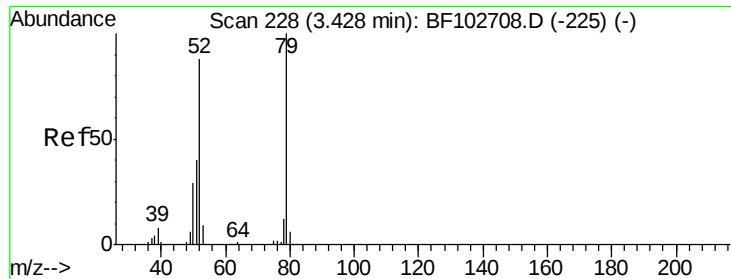
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#2
 1,4-Dioxane
 Concen: 36.447 ng
 RT: 2.65 min Scan# 96
 Delta R.T. -0.00 min
 Lab File: BF102712.D
 Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.9	62.6	93.8#
43	33.4	24.6	37.0





#3

Pvridine

Concen: 37.340 ng

RT: 3.43 min Scan# 228

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Tot Ion:	79	Resp:	621859
Ion Ratio	Lower	Upper	
79	100		
52	89.1	59.8	89.6
51	41.0	29.8	44.8

Instrument :

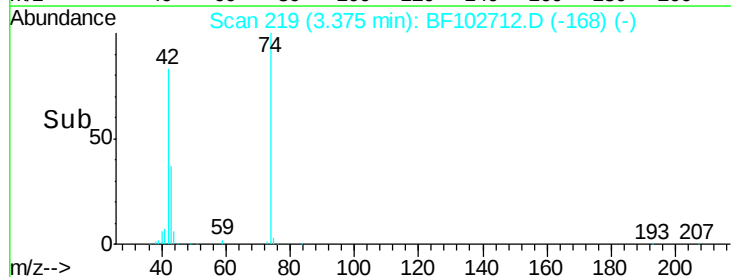
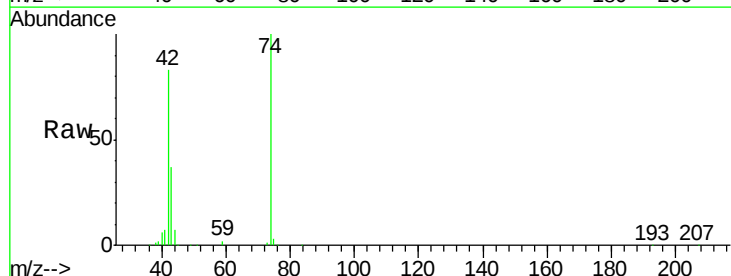
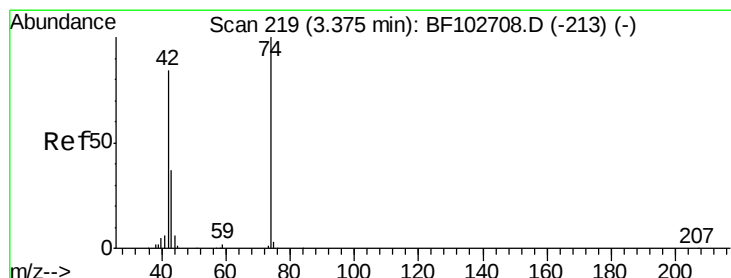
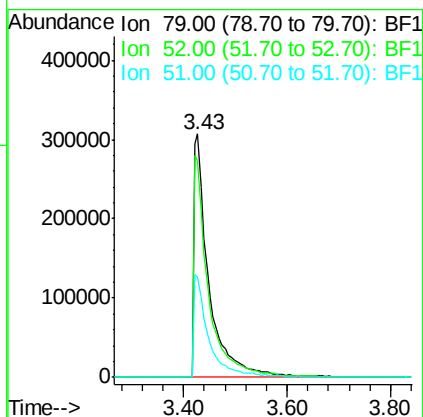
BNA_F

ClientSampleId :

ICVBF020318

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.959 ng

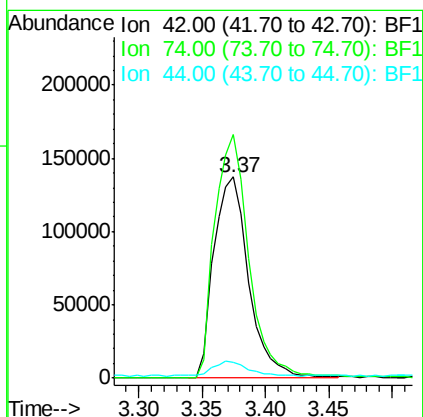
RT: 3.37 min Scan# 219

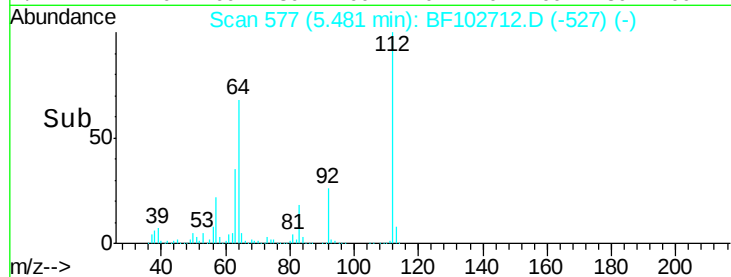
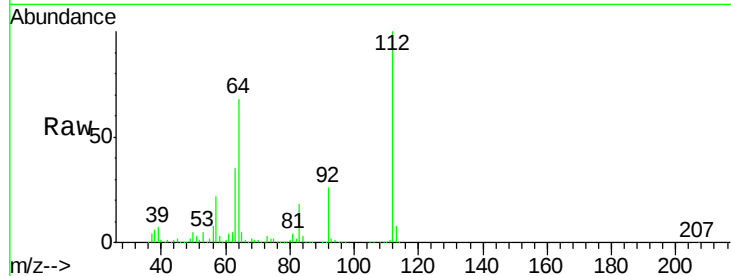
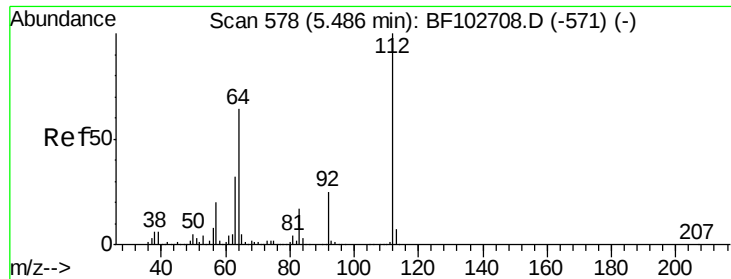
Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Tgt Ion:	42	Resp:	263353
Ion Ratio	Lower	Upper	
42	100		
74	121.1	104.9	157.3
44	8.2	6.9	10.3





#5

2-Fluorophenol

Concen: 72.851 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.01 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Tot Ion:	112	Resp:	889084
Ion Ratio	Lower	Upper	
112	100		
64	68.4	47.9	71.9
63	34.5	23.7	35.5

Instrument :

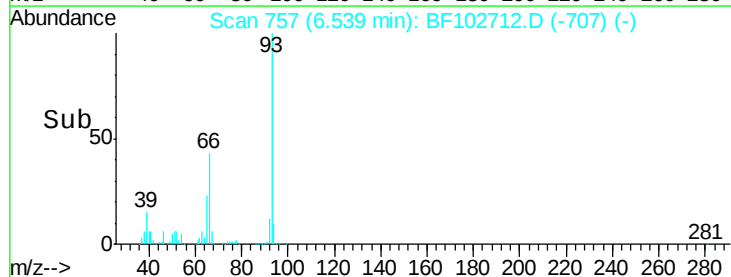
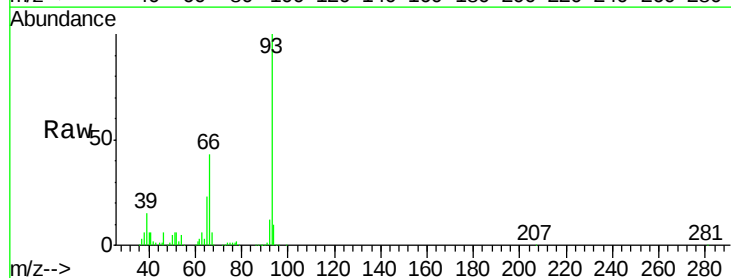
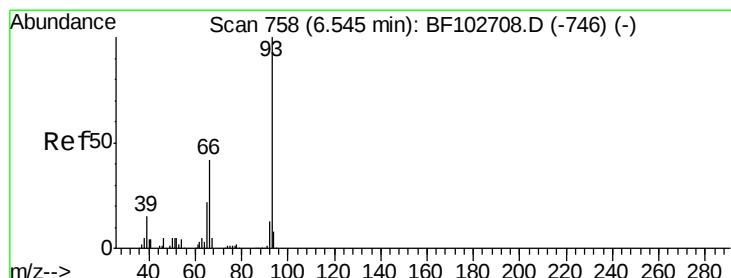
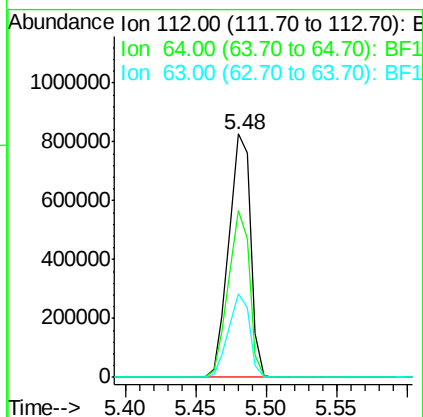
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ClientSampleId :

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#6

Aniline

Concen: 36.352 ng

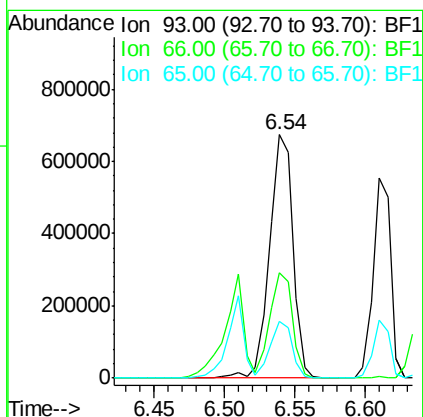
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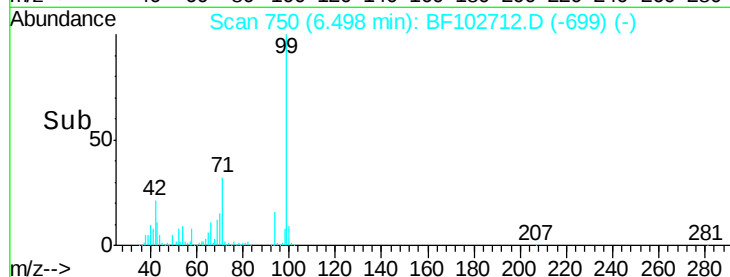
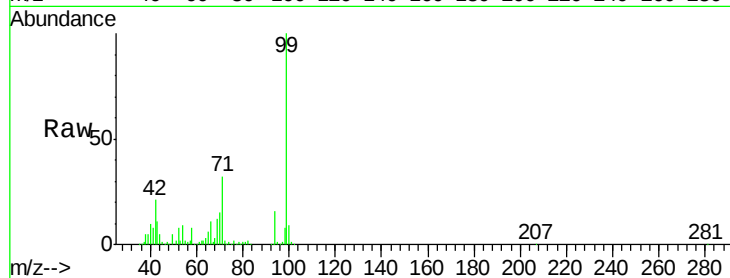
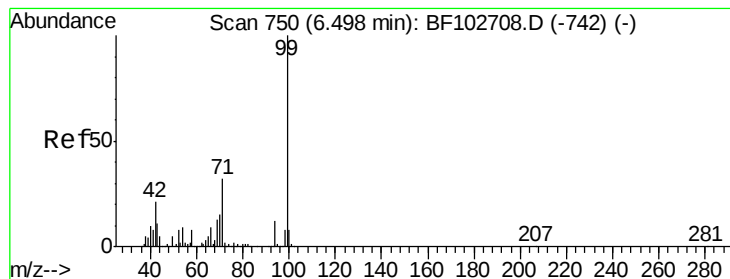
Delta R.T. -0.01 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Tgt Ion:	93	Resp:	788865
Ion Ratio	Lower	Upper	
93	100		
66	43.3	32.2	48.2
65	23.2	16.4	24.6





#7

Phenol-d6

Concen: 72.908 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Tot Ion: 99 Resp: 1071358

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

71 32.2 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

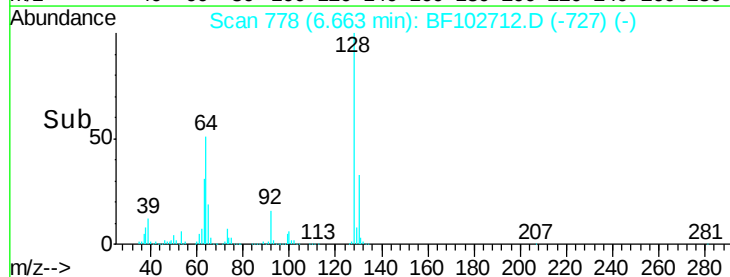
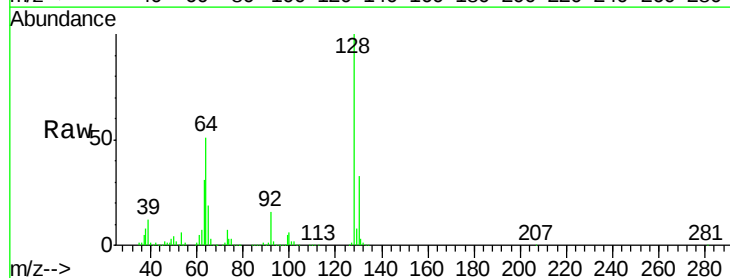
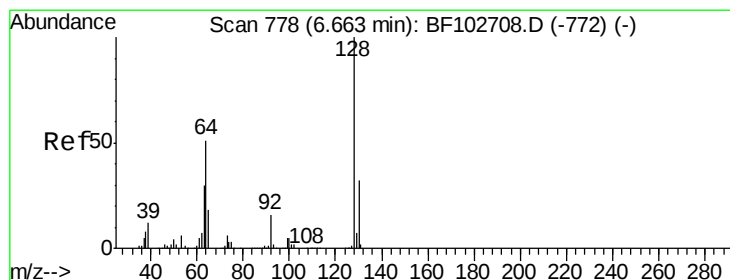
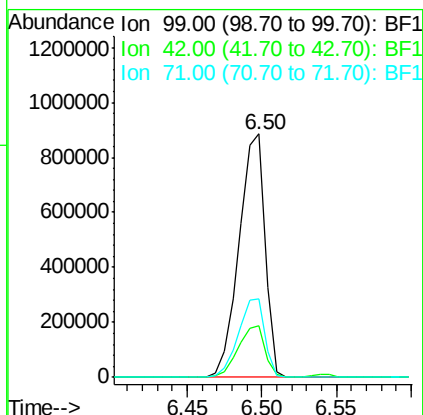
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#8

2-Chlorophenol

Concen: 36.996 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

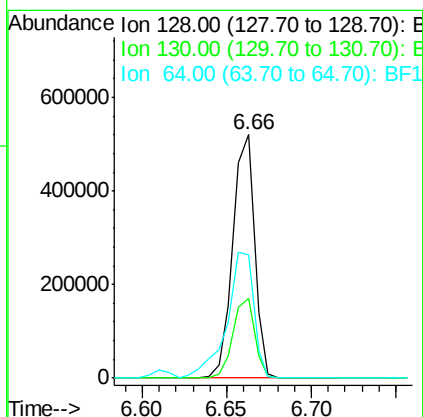
Tgt Ion:128 Resp: 464824

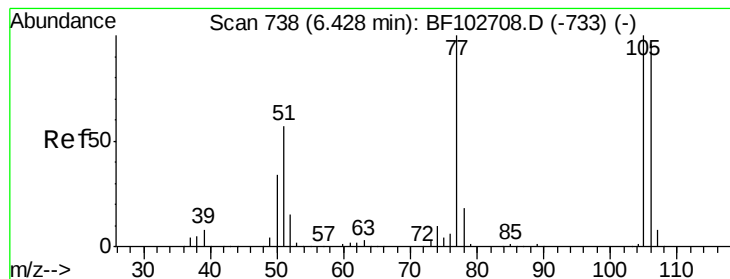
Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

64 50.7 29.4 69.4





#9

Benzaldehyde

Concen: 36.451 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Instrument :

BNA_F

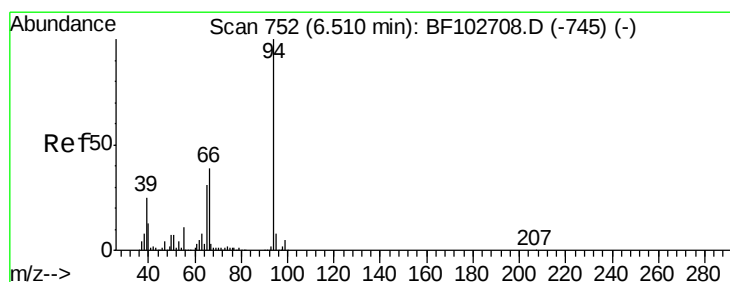
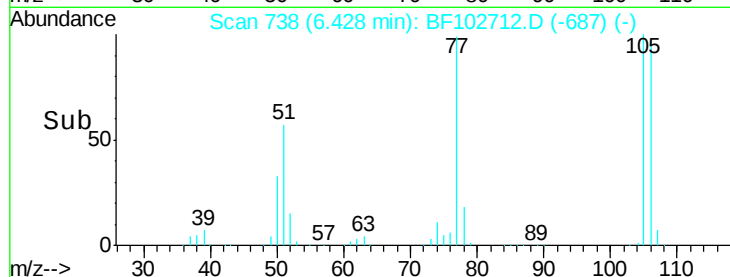
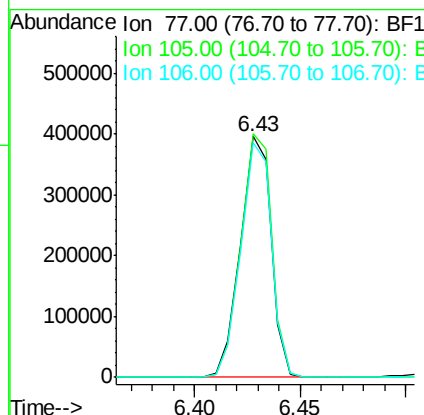
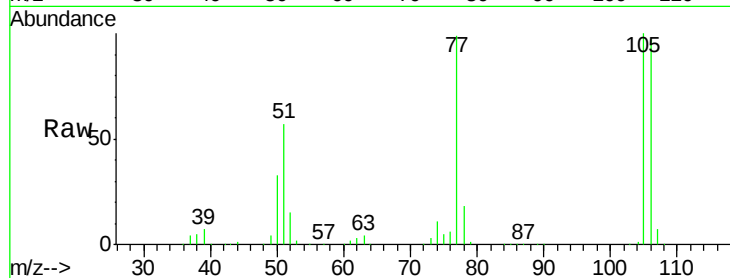
ClientSampled :

ICVBF020318

Tot Ion:	77	Resp:	397776
Ion	Ratio	Lower	Upper
77	100		
105	101.1	81.1	121.1
106	97.5	74.5	114.5

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#10

Phenol

Concen: 36.820 ng

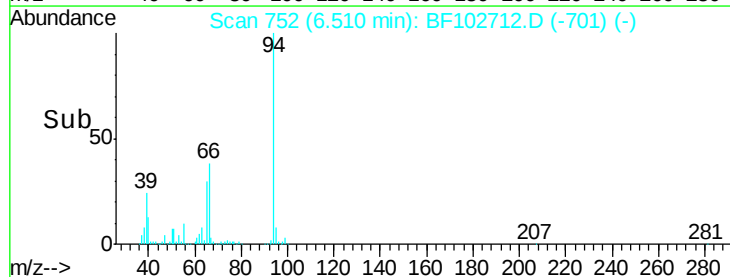
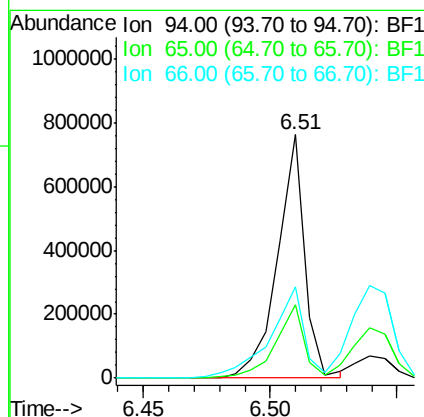
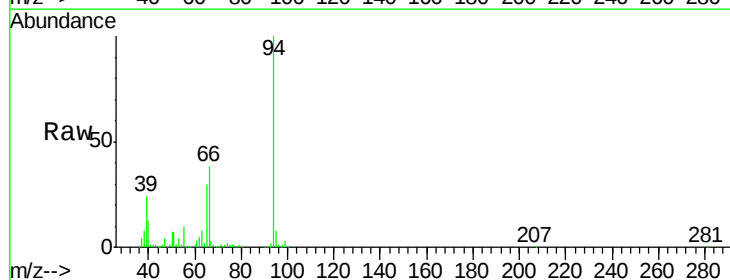
RT: 6.51 min Scan# 752

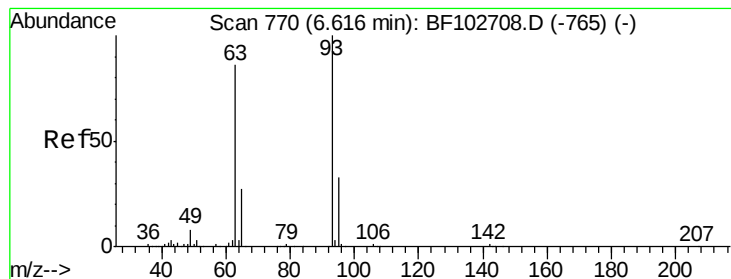
Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Tgt Ion:	94	Resp:	576495
Ion	Ratio	Lower	Upper
94	100		
65	30.0	7.9	47.9
66	37.7	16.2	56.2





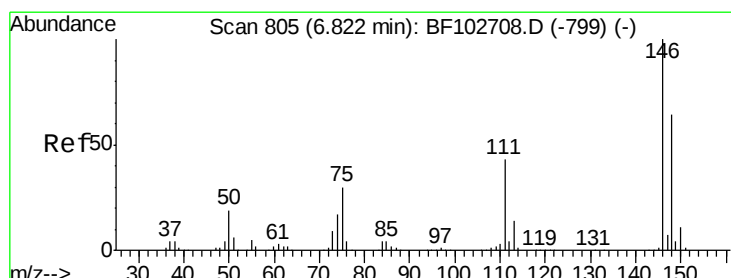
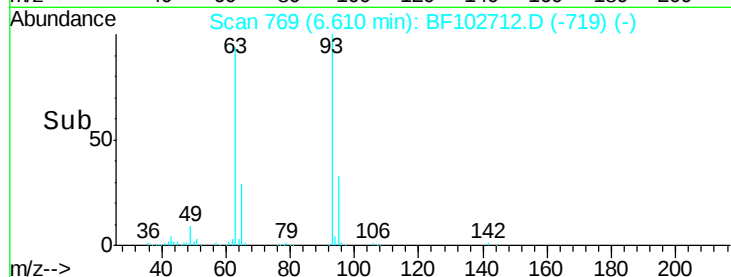
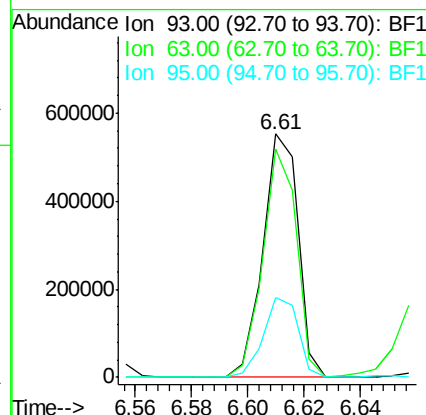
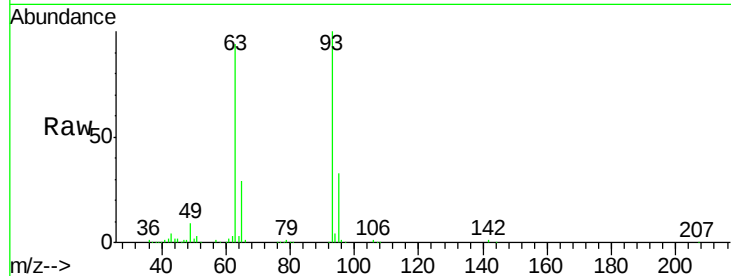
#11
bis(2-Chloroethyl)ether
Concen: 36.343 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

Tot Ion	Ratio	Lower	Upper
93	100		
63	94.0	58.6	98.6
95	33.0	11.8	51.8

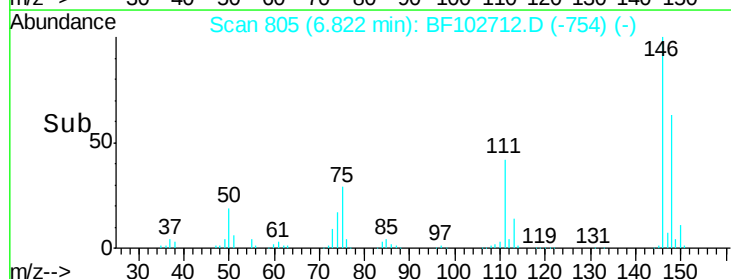
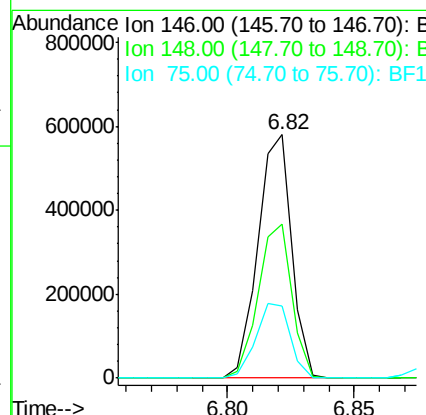
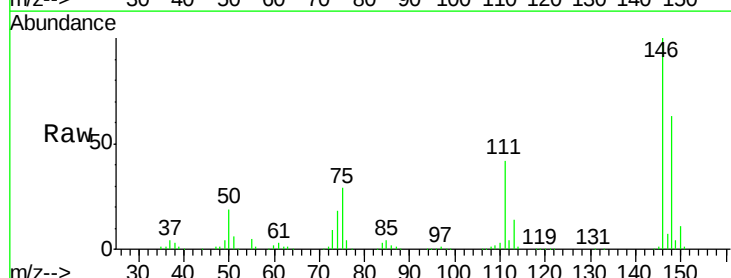
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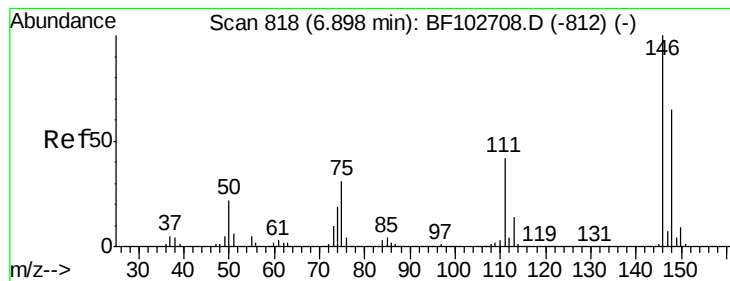
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.856 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	29.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 36.481 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Instrument :

BNA_F

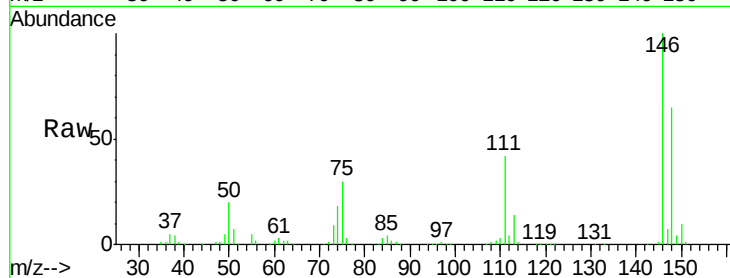
ClientSampleId :

ICVBF020318

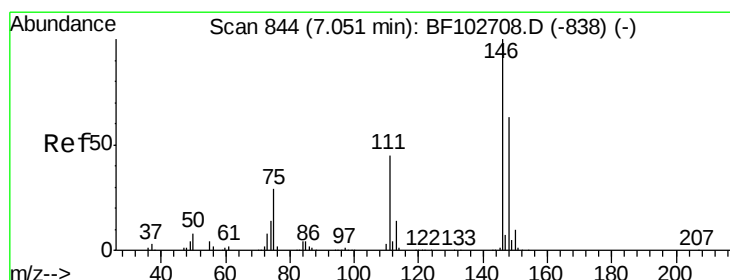
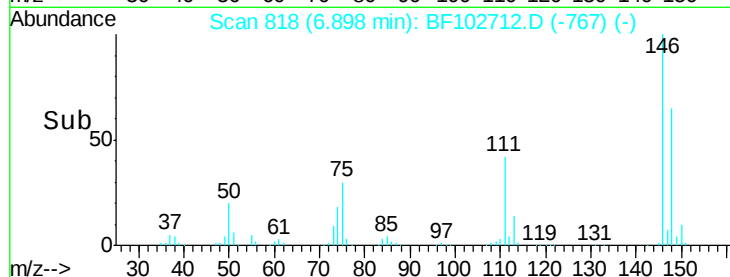
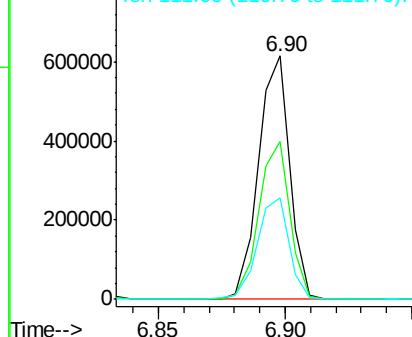
Tot Ion:	146	Resp:	528735
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.8	76.2
111	41.6	34.2	51.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.683 ng

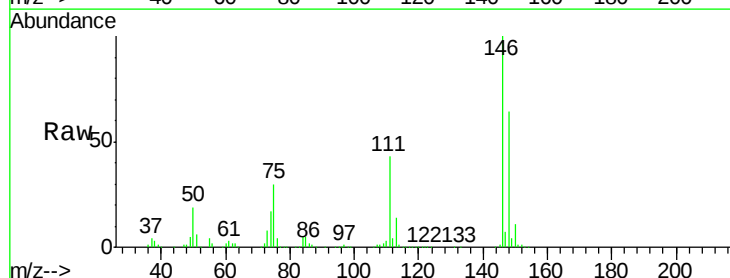
RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

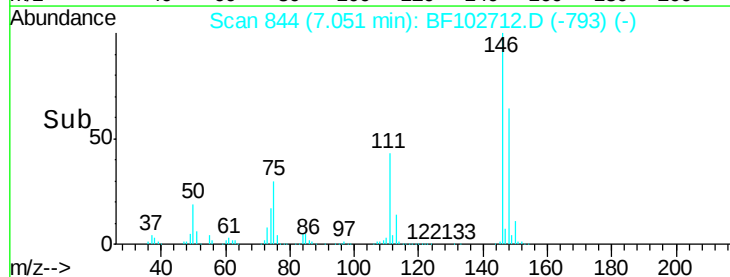
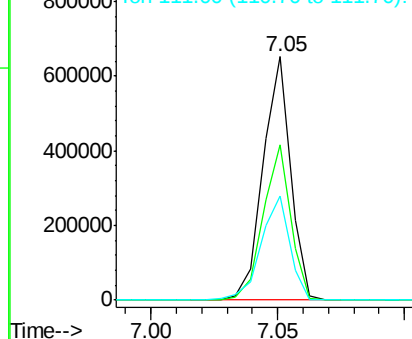
Lab File: BF102712.D

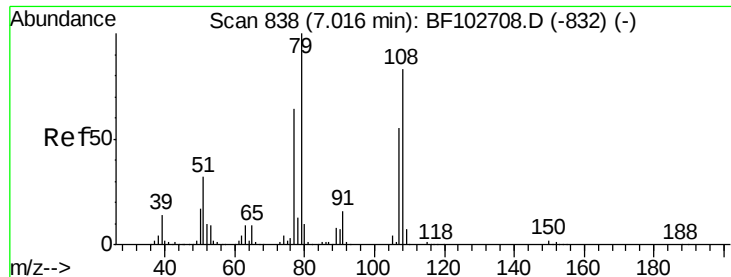
Acq: 3 Feb 2018 12:41

Tgt Ion:	146	Resp:	495201
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.6	75.8
111	43.0	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.045 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Instrument :

BNA_F

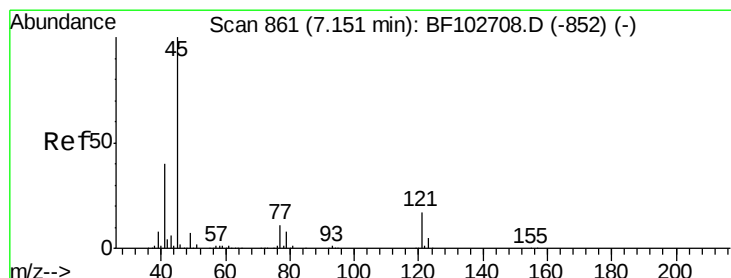
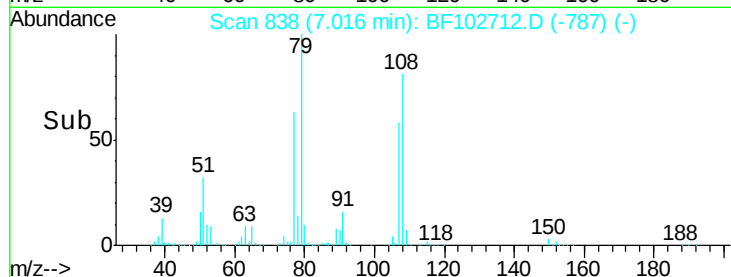
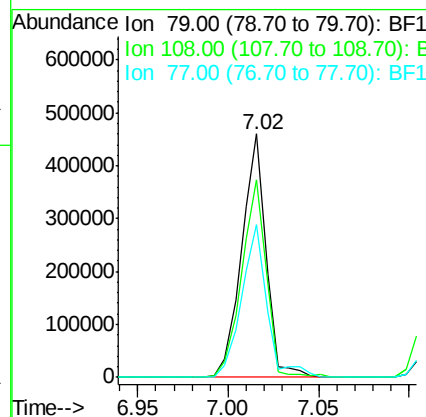
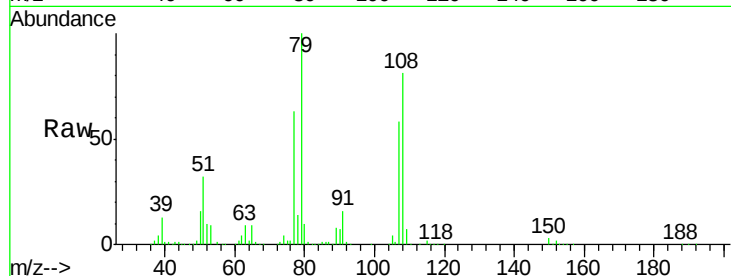
ClientSampleId :

ICVBF020318

Tot Ion:	79	Resp:	429822
Ion Ratio	Lower	Upper	
79	100		
108	81.2	65.1	97.7
77	62.7	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.990 ng

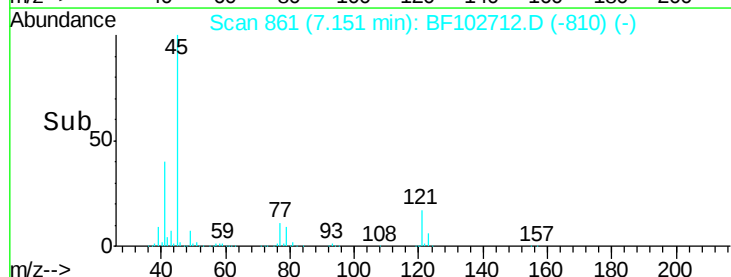
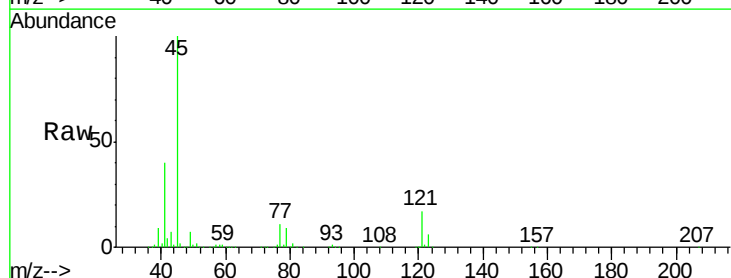
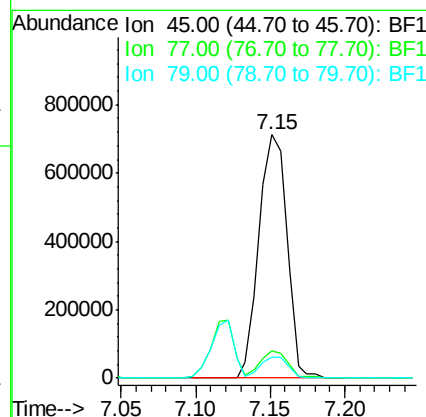
RT: 7.15 min Scan# 861

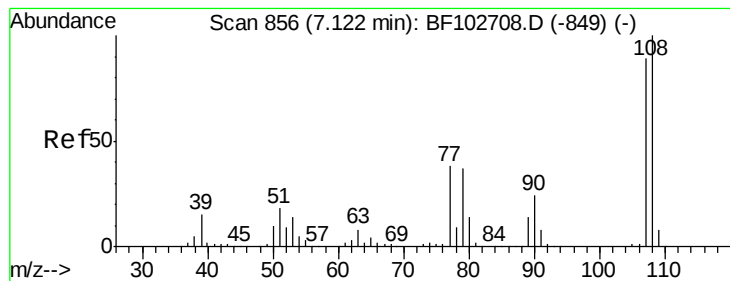
Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Tgt Ion:	45	Resp:	920779
Ion Ratio	Lower	Upper	
45	100		
77	11.3	0.0	32.9
79	8.5	0.0	29.6





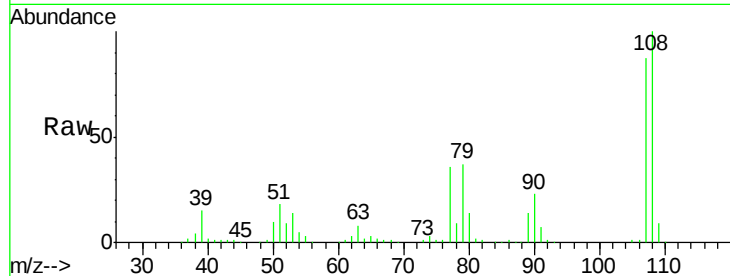
#17
2-Methylphenol
Concen: 36.892 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

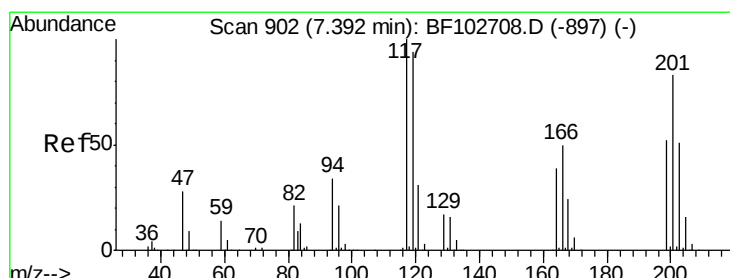
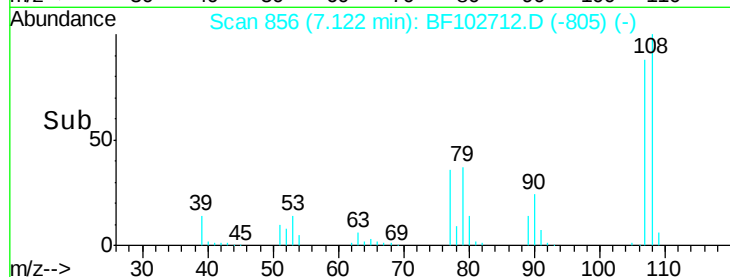
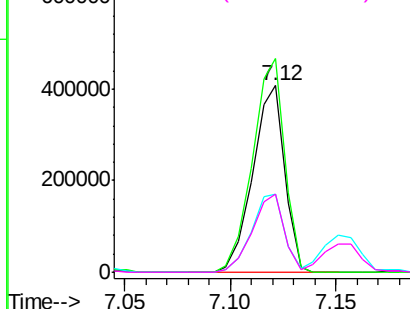
Tot Ion	107	Resp	427559
Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.7	137.5
77	41.7	33.8	50.8
79	41.9	33.8	50.8

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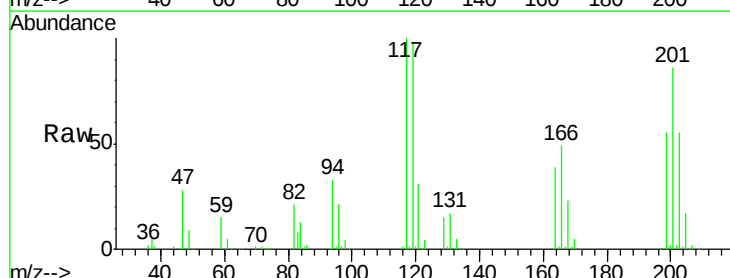


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

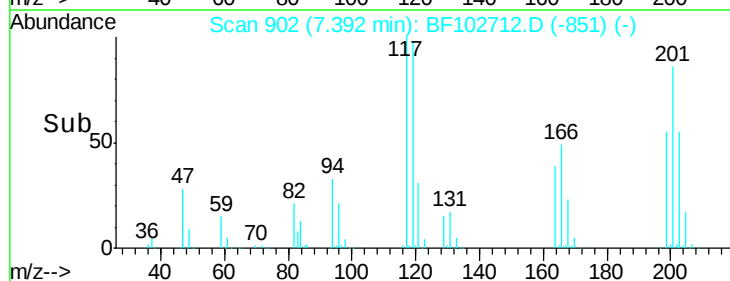
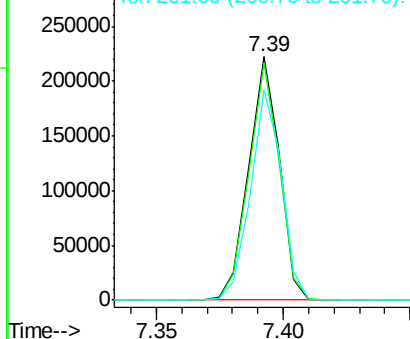


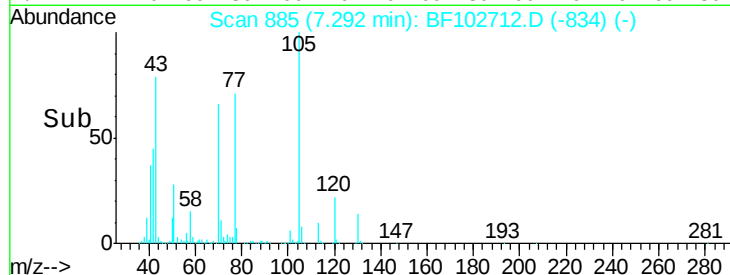
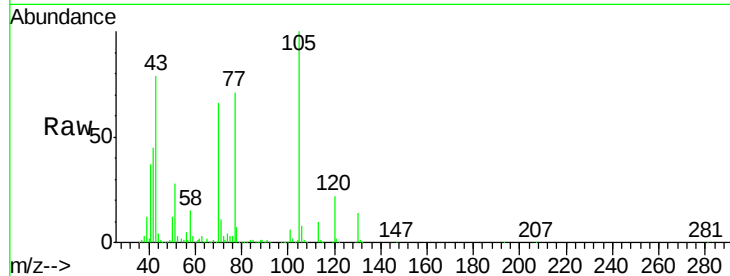
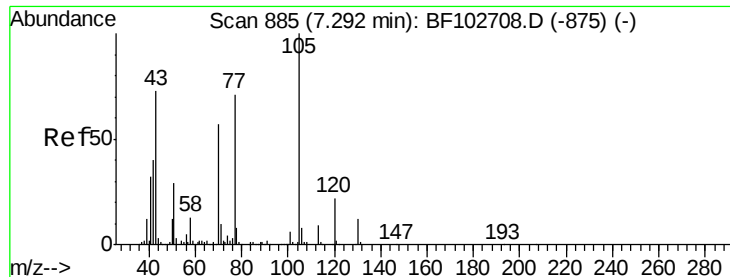
#18
Hexachloroethane
Concen: 37.739 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tgt Ion	117	Resp	187562
Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.8	113.8
201	86.3	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





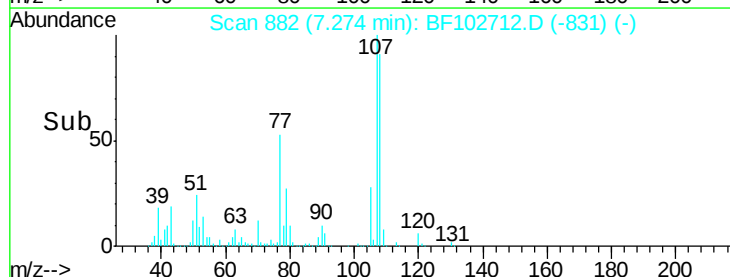
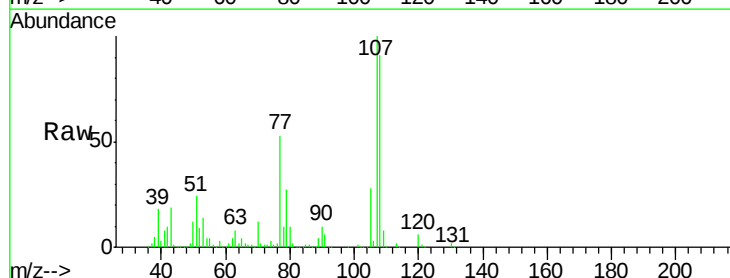
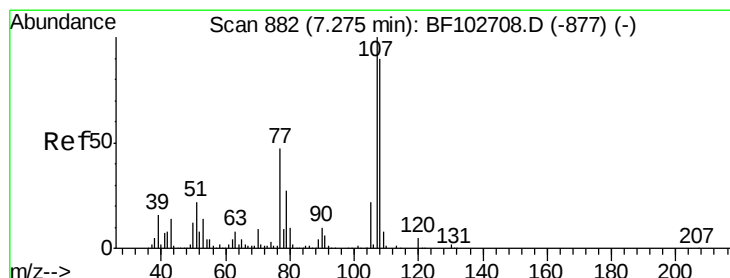
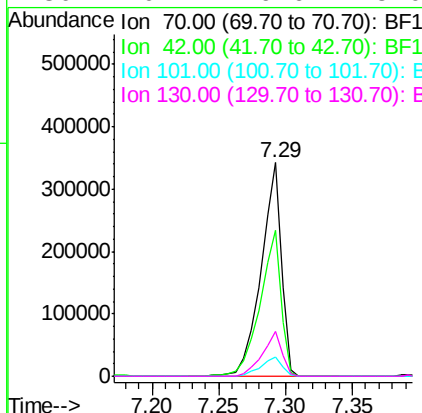
#19
n-Nitroso-di-n-propylamine
Concen: 36.916 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.3	47.5	71.3
101	9.3	7.4	11.2
130	20.7	16.6	25.0

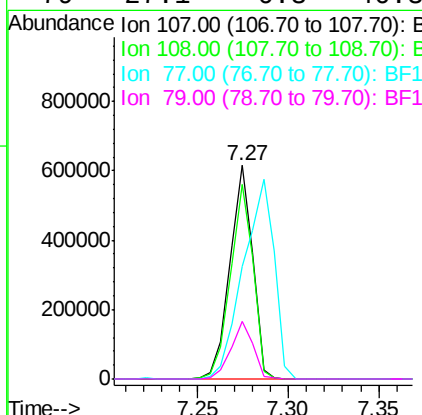
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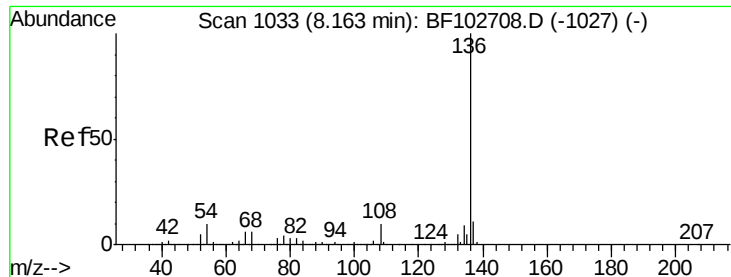
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#20
3+4-Methylphenols
Concen: 37.674 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.2	108.2
77	52.6	26.7	66.7
79	27.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Instrument :

BNA_F

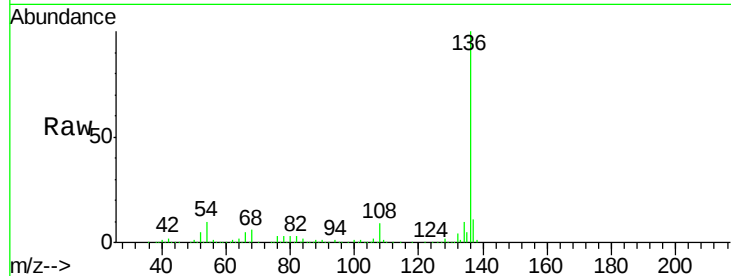
ClientSampleId :

ICVBF020318

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		798611		
137	11.1		8.9	13.3	
54	9.7		6.6	9.8	
68	6.1		5.0	7.4	

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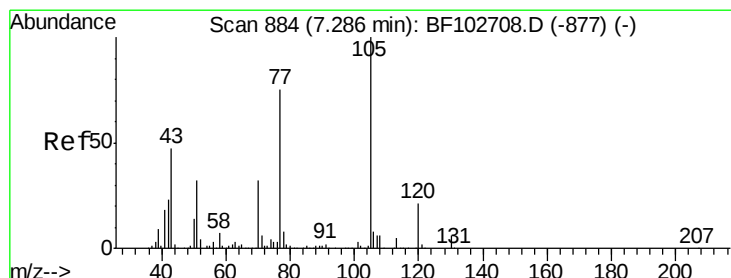
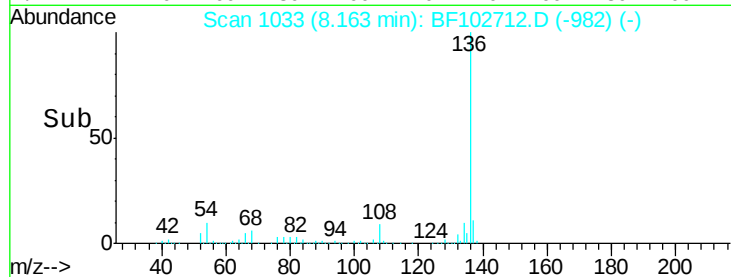
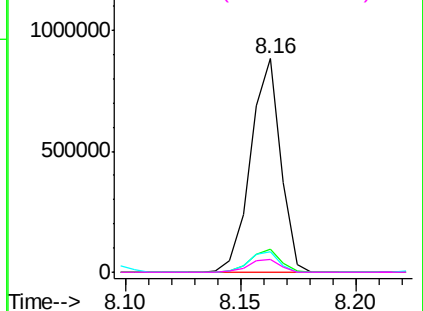


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.761 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

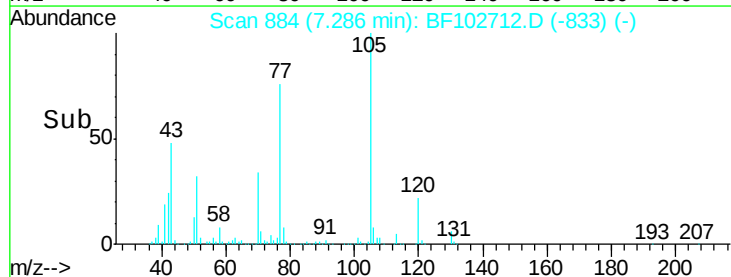
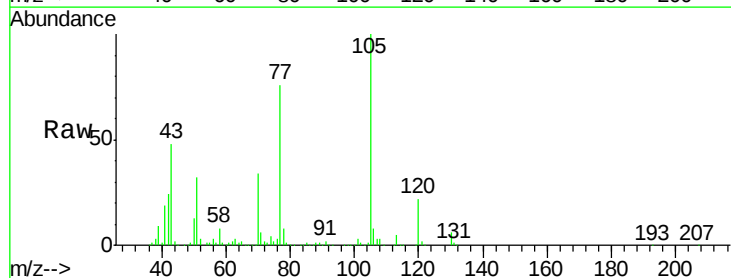
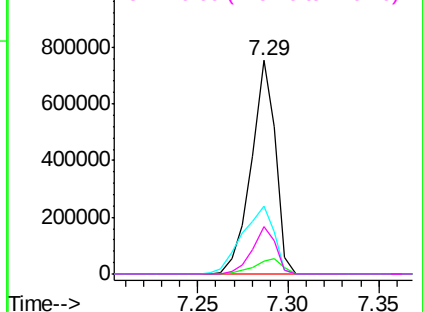
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		698860		
71	6.0		4.4	6.6	
51	31.8		22.3	33.5	
120	21.9		16.9	25.3	

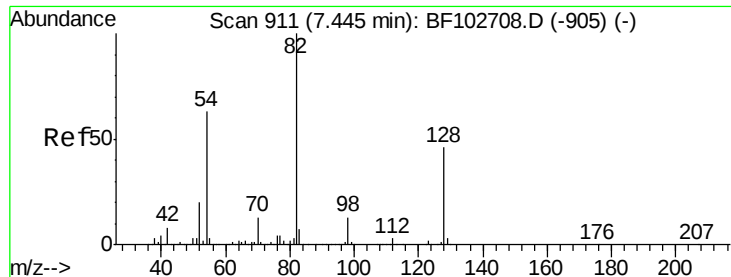
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





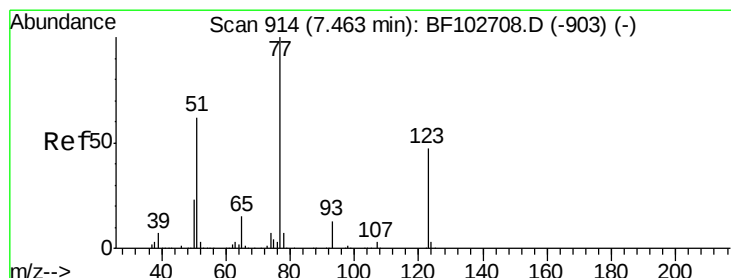
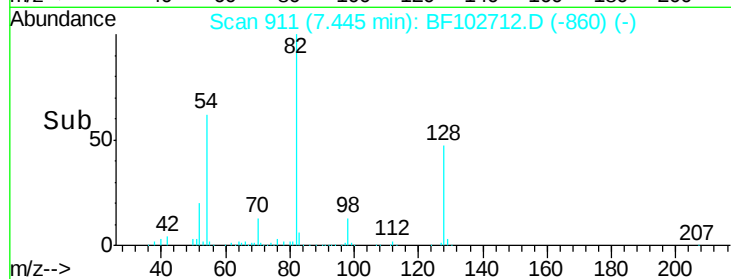
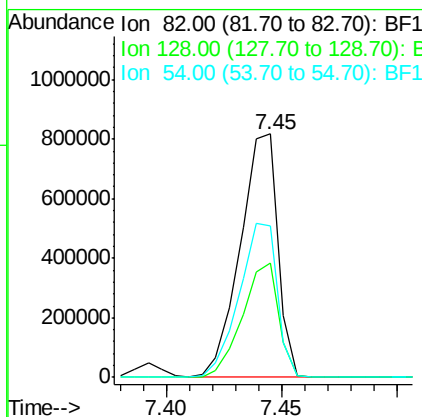
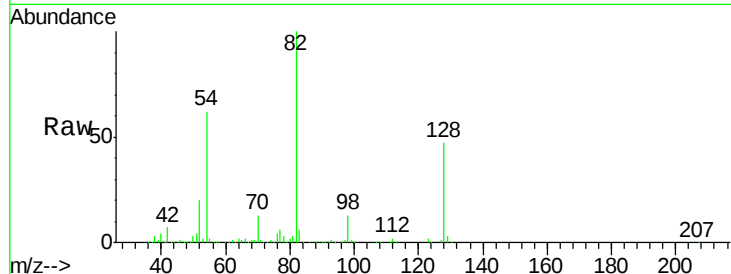
#23
 Nitrobenzene-d5
 Concen: 81.140 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF102712.D
 Acq: 3 Feb 2018 12:41

Instrument :
 BNA_F
 ClientSampled :
 ICVBF020318

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	62.1	41.4	62.2

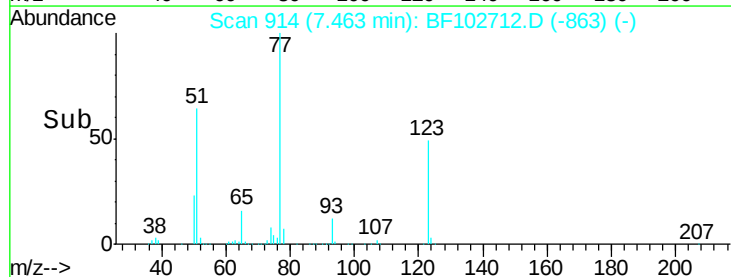
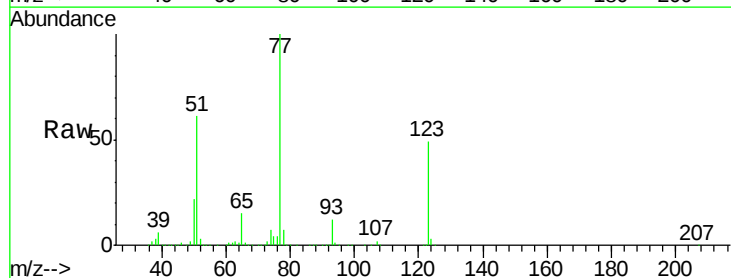
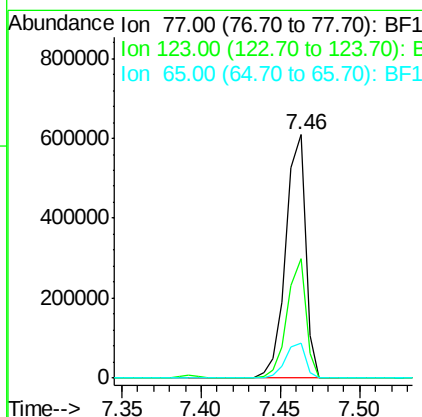
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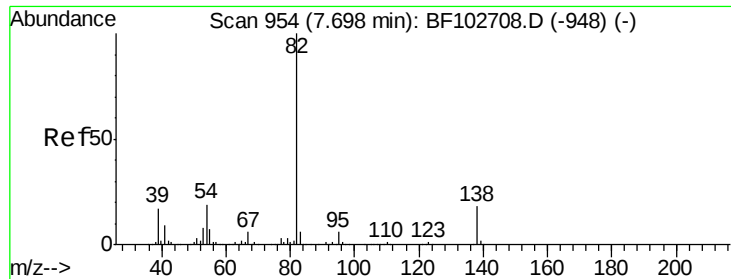
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#24
 Nitrobenzene
 Concen: 39.107 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF102712.D
 Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	37.9	56.9
65	14.6	11.0	16.4





#25

Isophorone

Concen: 36.100 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Instrument :

BNA_F

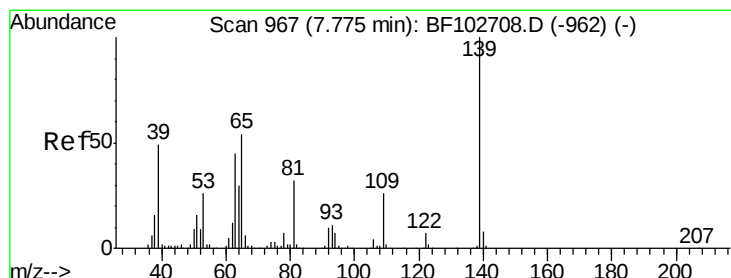
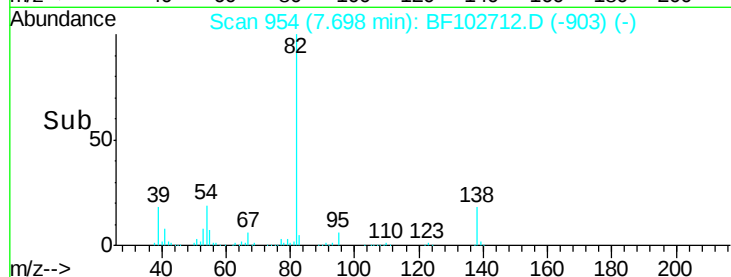
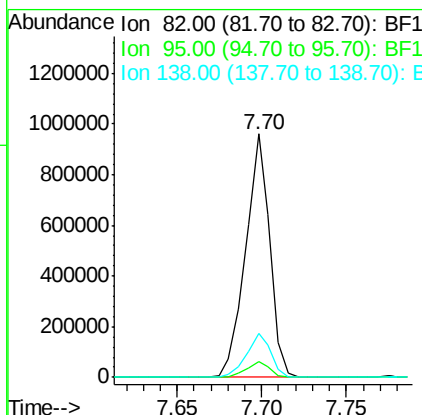
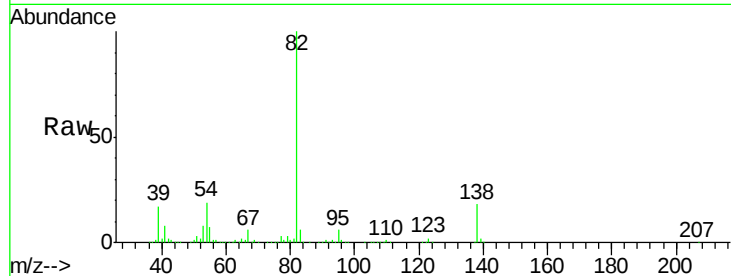
ClientSampleId :

ICVBF020318

Tot Ion:	82	Resp:	956971
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.2	7.8
138	17.9	14.9	22.3

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#26

2-Nitrophenol

Concen: 41.119 ng

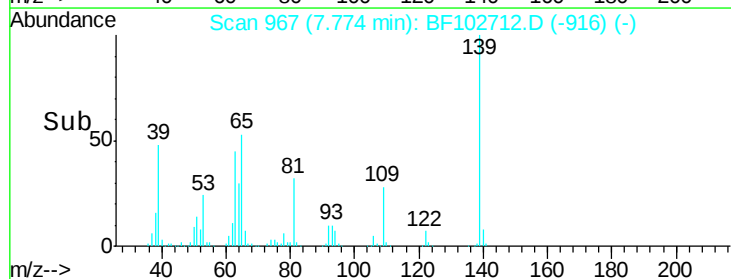
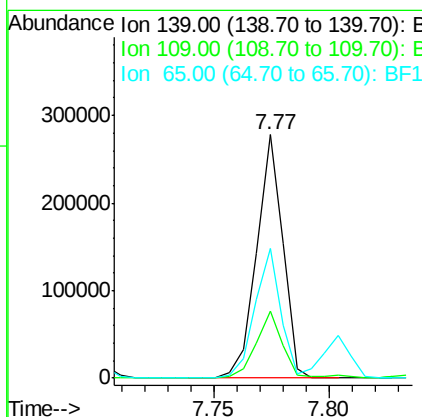
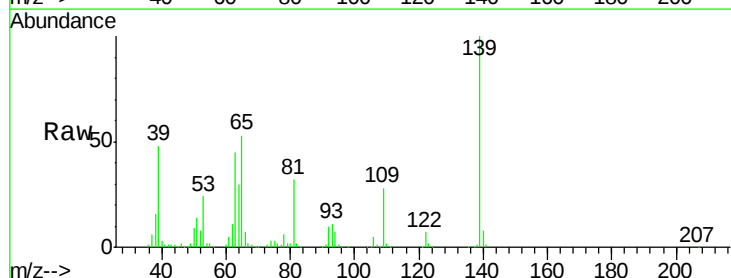
RT: 7.77 min Scan# 967

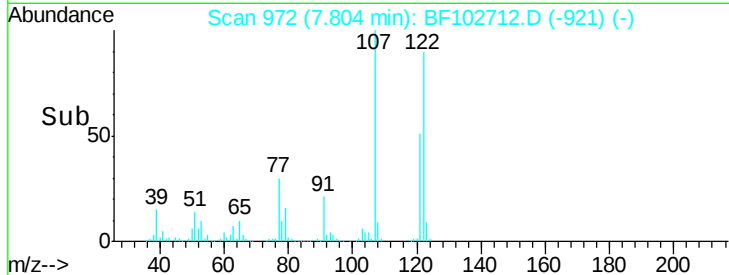
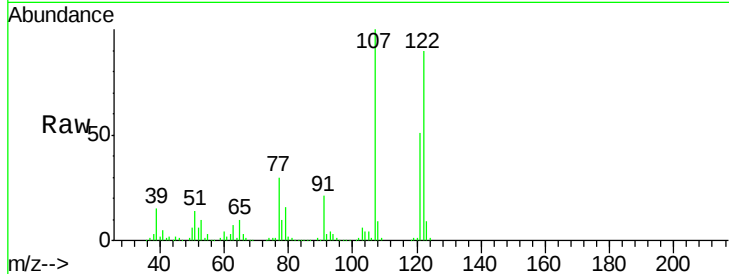
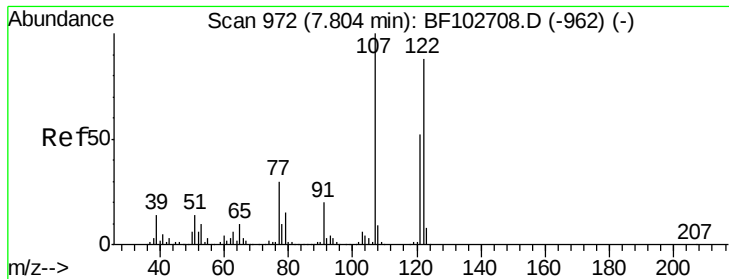
Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Tgt Ion:	139	Resp:	220323
Ion Ratio		Lower	Upper
139	100		
109	27.6	22.7	34.1
65	53.5	40.5	60.7





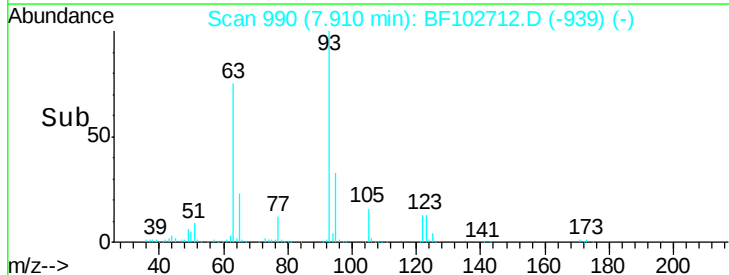
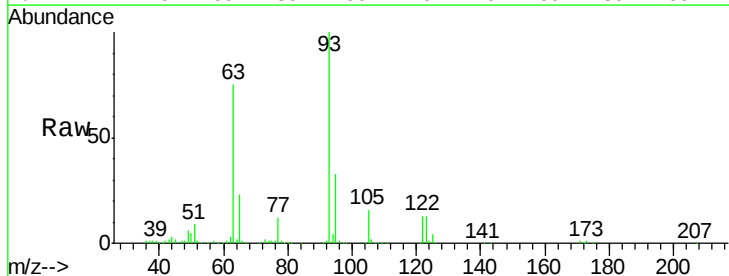
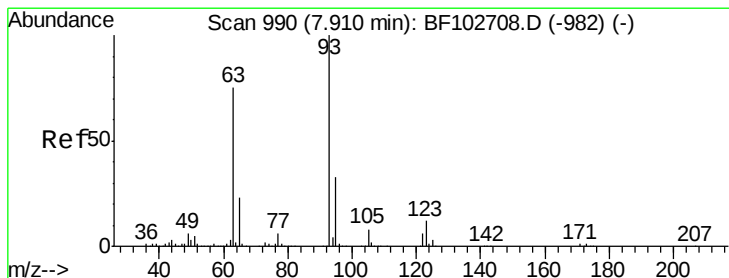
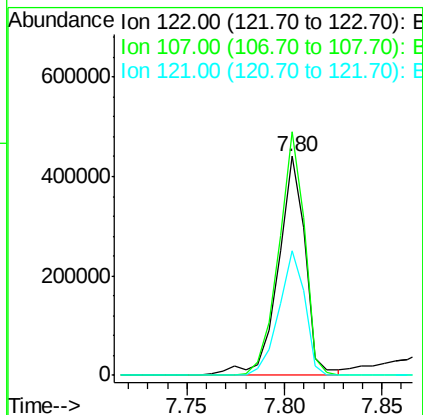
#27
2,4-Dimethylphenol
Concen: 37.743 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	91.2	136.8
121	57.0	47.2	70.8

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

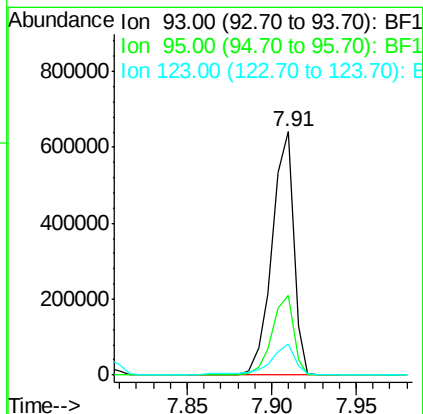
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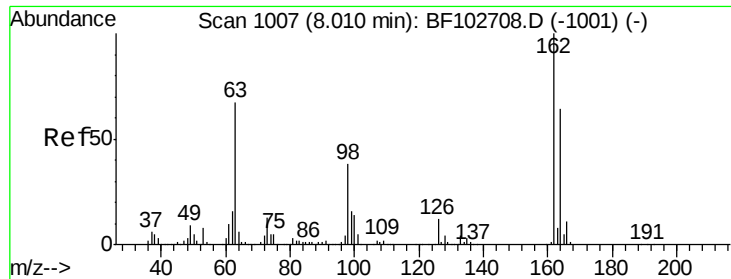
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#28
bis(2-Chloroethoxy)methane
Concen: 36.132 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	12.7	9.8	14.6





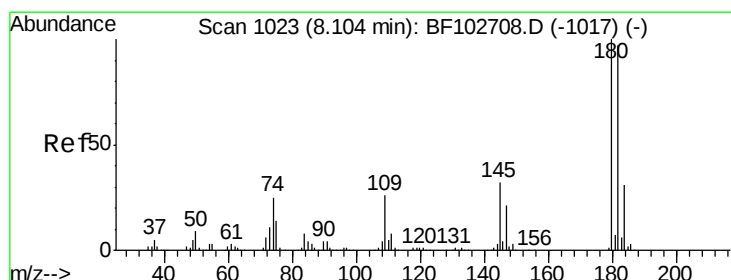
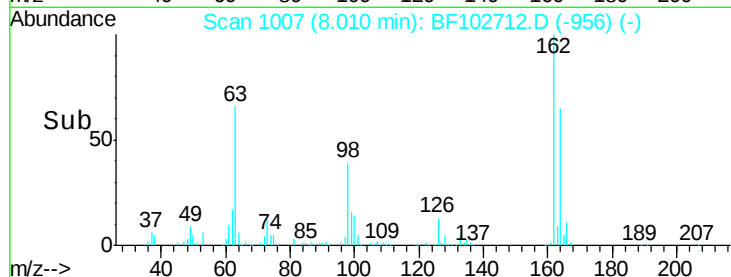
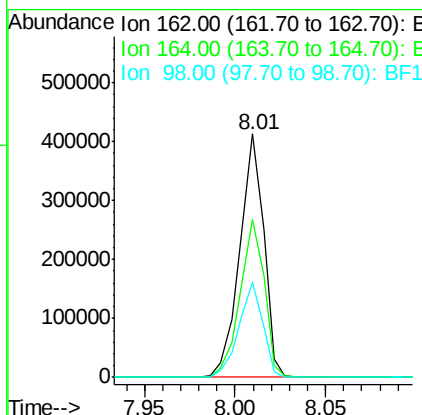
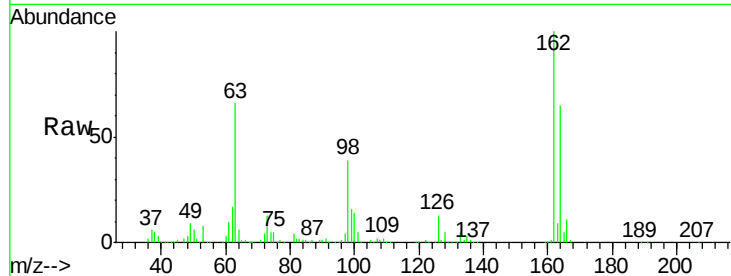
#29
2,4-Dichlorophenol
Concen: 37.527 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

Tot Ion	Ratio	Resp	Lower	Upper
162	100	382065		
164	64.8	42.7	82.7	
98	39.1	18.1	58.1	

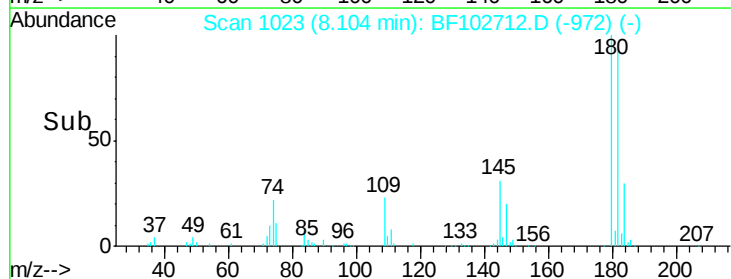
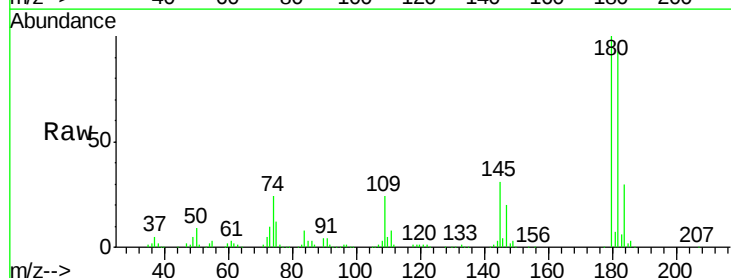
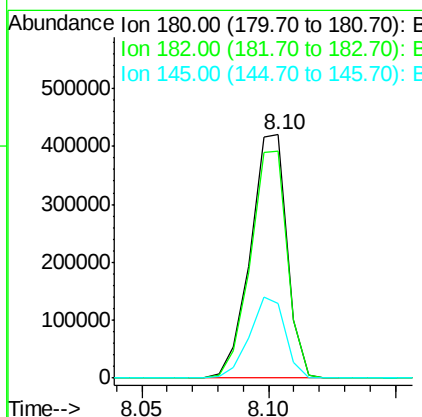
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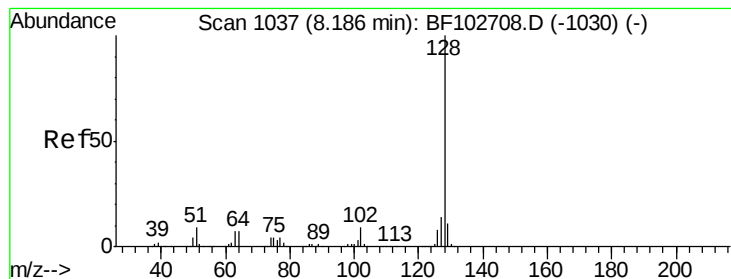
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#30
1,2,4-Trichlorobenzene
Concen: 36.606 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	421611		
182	93.3	76.8	115.2	
145	30.9	26.5	39.7	





#31

Naphthalene

Concen: 36.374 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Instrument :

BNA_F

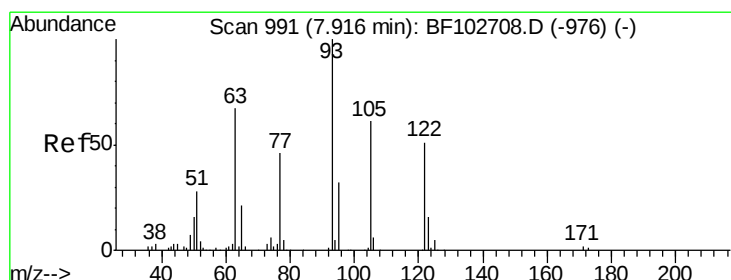
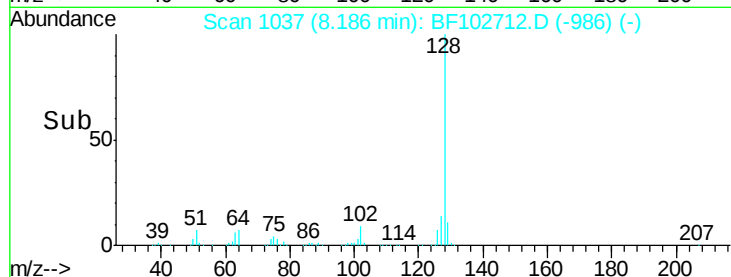
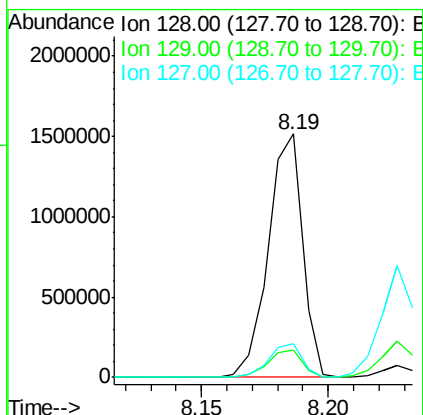
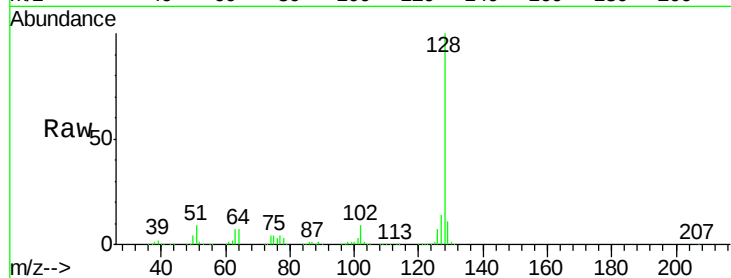
ClientSampleId :

ICVBF020318

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.6	10.9	16.3

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#32

Benzoic acid

Concen: 42.214 ng

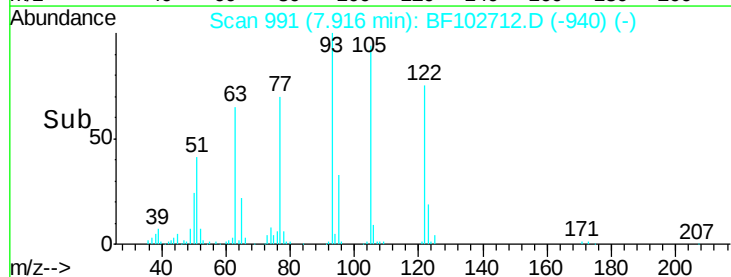
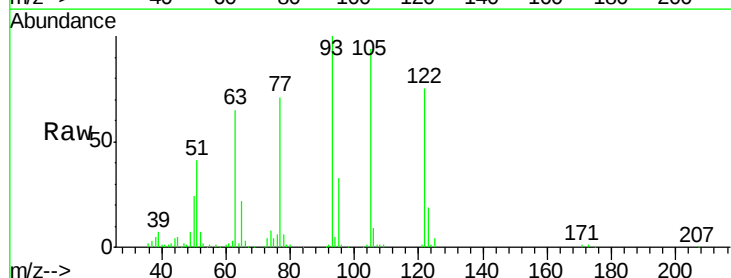
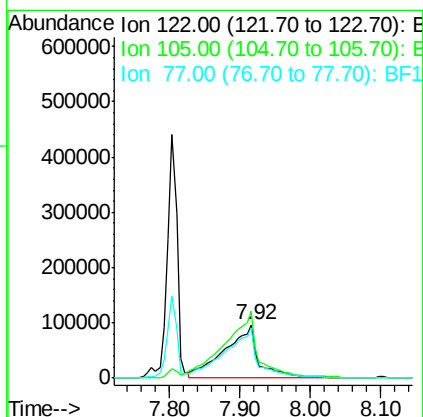
RT: 7.92 min Scan# 991

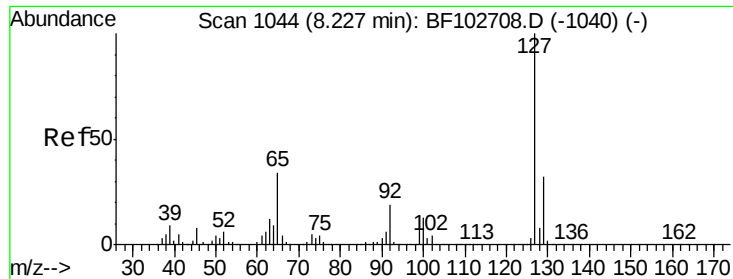
Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.0	101.1	141.1
77	93.7	70.7	110.7





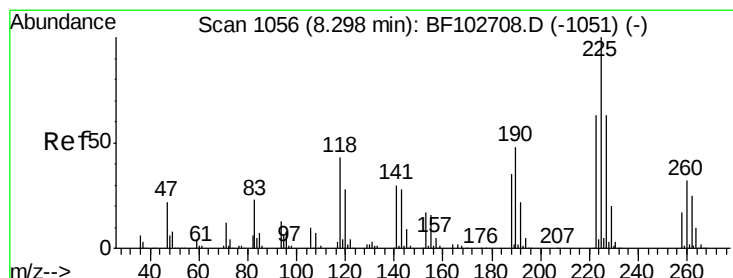
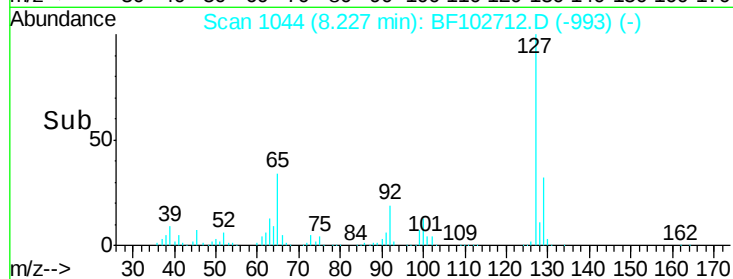
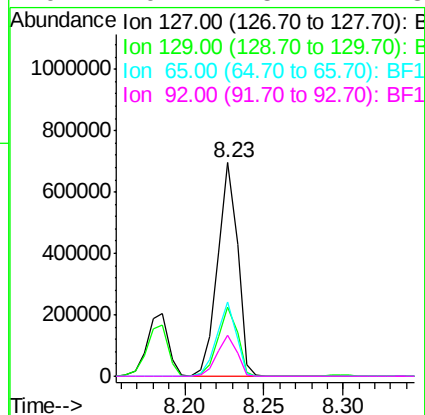
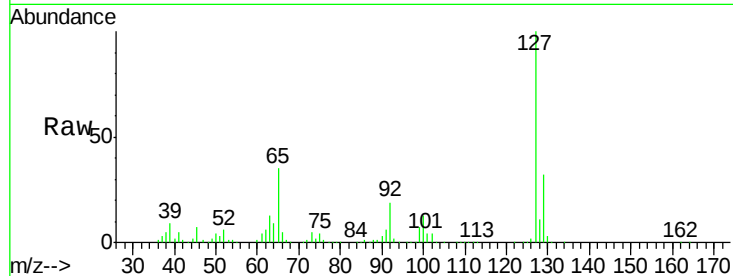
#33
4-Chloroaniline
Concen: 36.231 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		609005		
129	32.1		25.9	38.9	
65	34.5		25.0	37.4	
92	19.1		15.2	22.8	

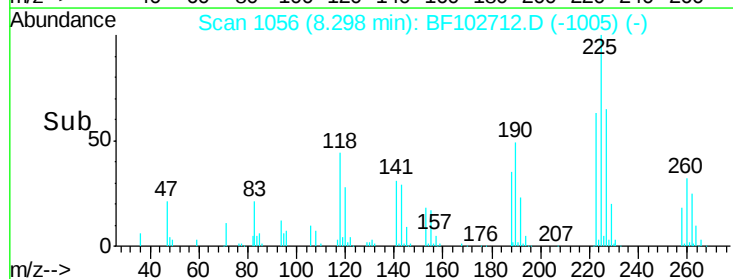
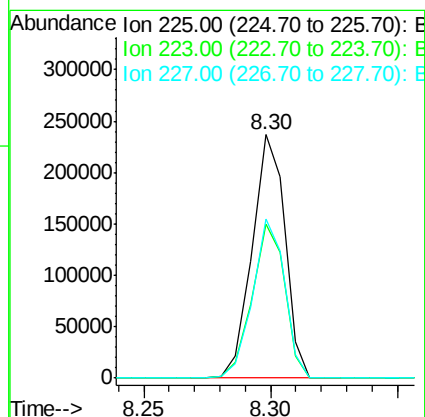
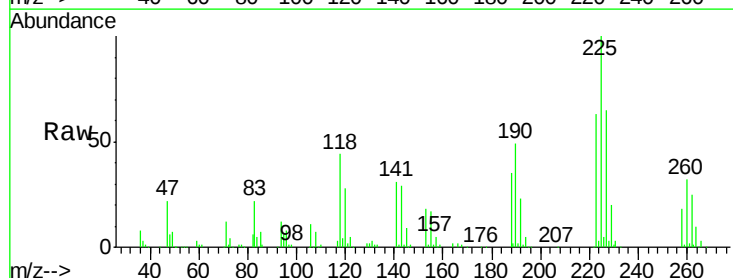
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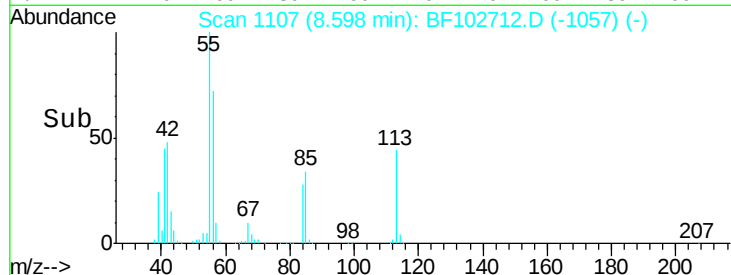
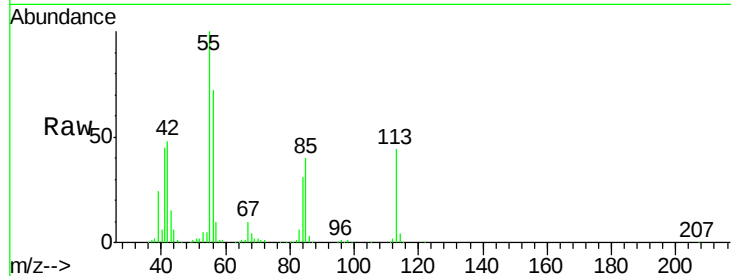
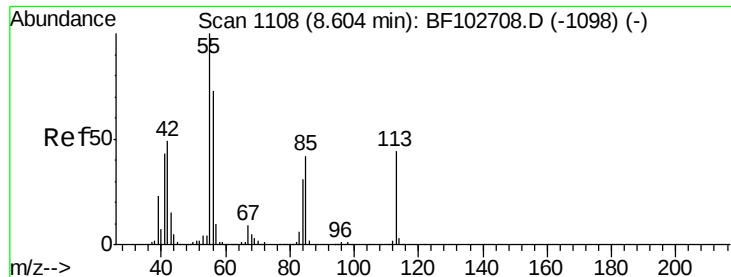
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#34
Hexachlorobutadiene
Concen: 36.337 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		214458		
223	63.3		50.6	76.0	
227	65.1		51.9	77.9	





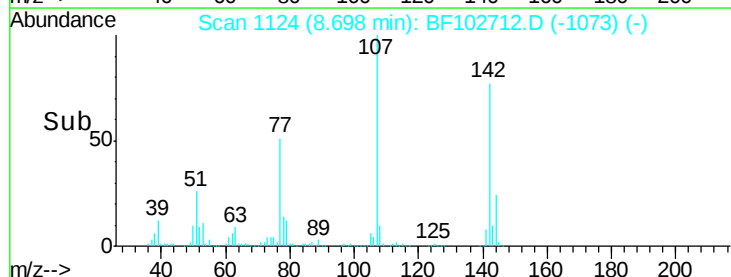
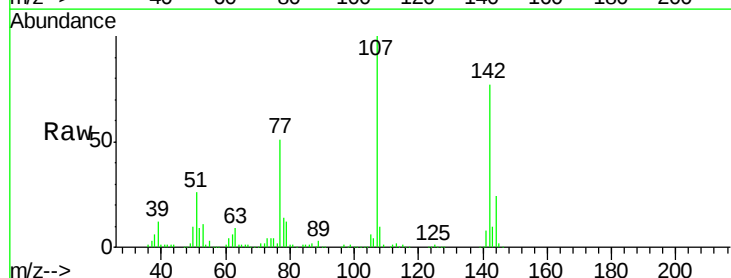
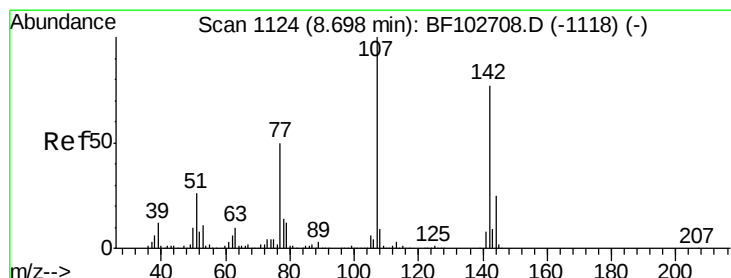
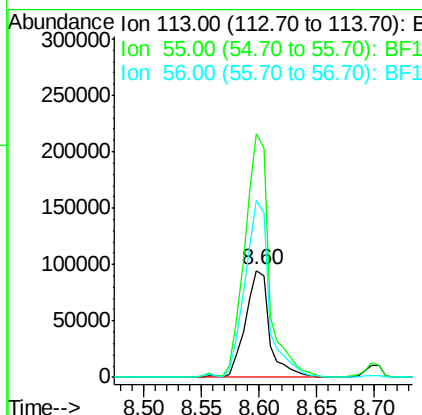
#35
 Caprolactam
 Concen: 38.960 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF102712.D
 Acq: 3 Feb 2018 12:41

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	227.7	163.3	203.3#	
56	165.1	115.7	155.7#	

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020318

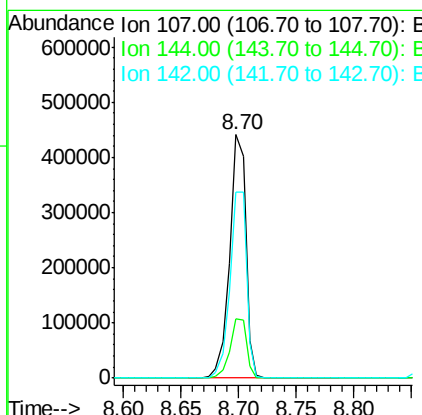
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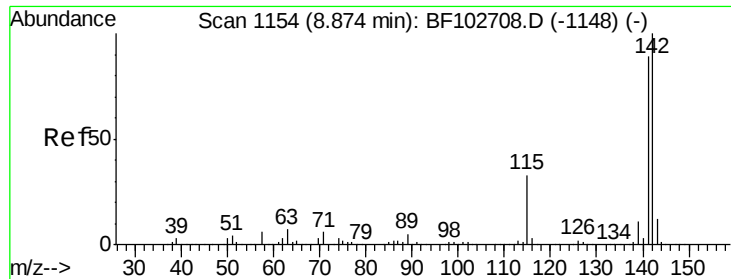
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#36
 4-Chloro-3-methylphenol
 Concen: 37.560 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BF102712.D
 Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.1	20.5	30.7	
142	76.5	62.0	93.0	





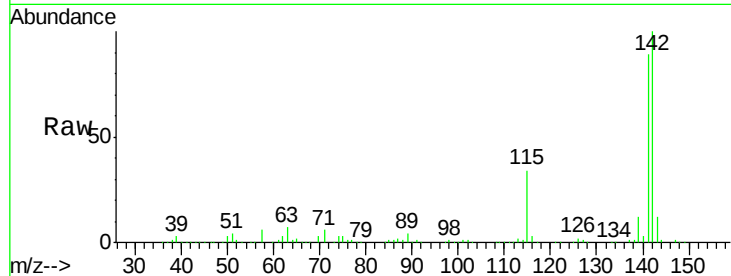
#37
2-Methylnaphthalene
Concen: 36.266 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

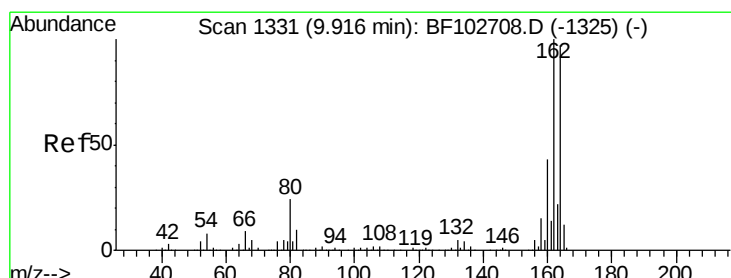
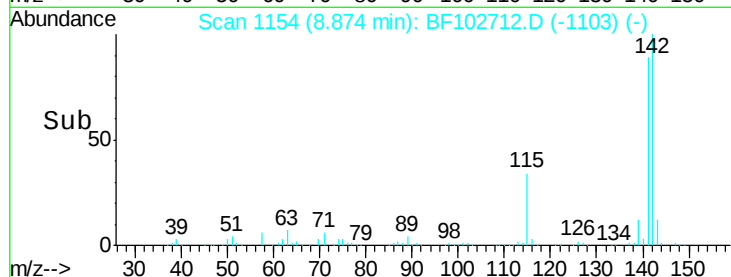
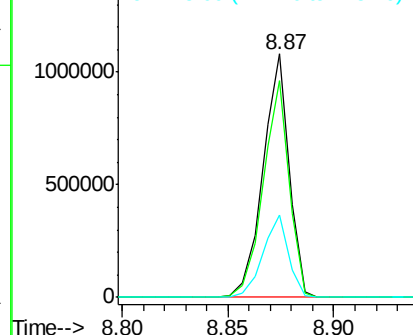
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	33.6	26.1	39.1

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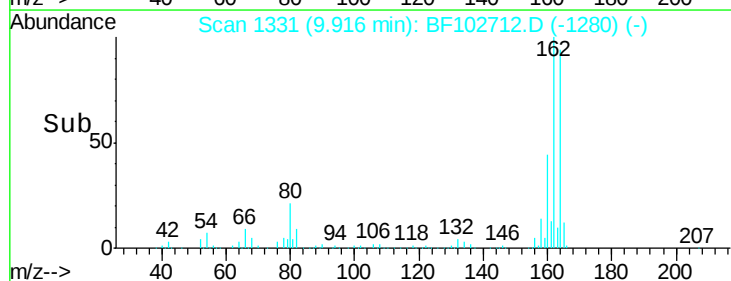
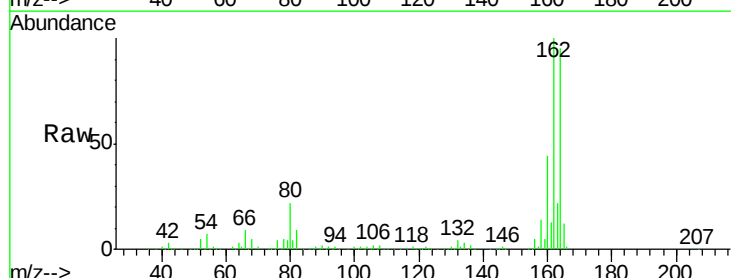
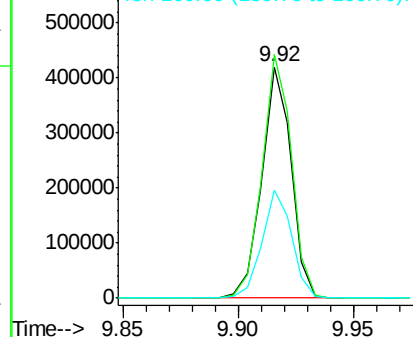
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

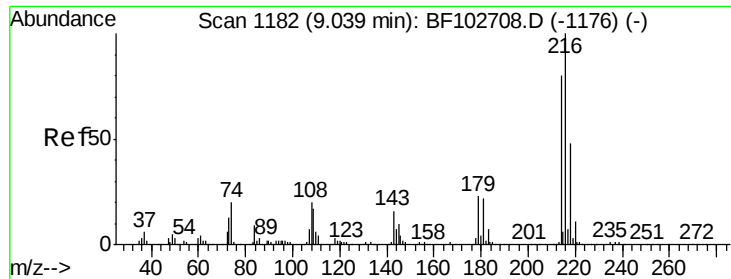


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	46.5	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





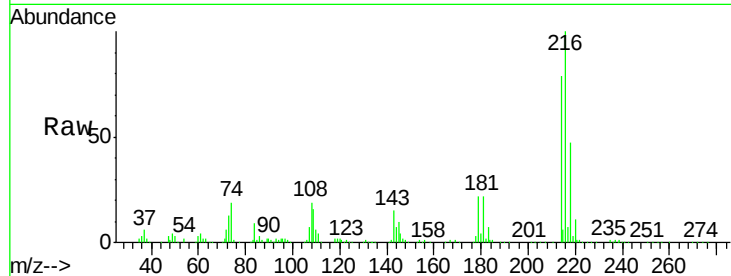
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.767 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF102712.D
 Acq: 3 Feb 2018 12:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020318

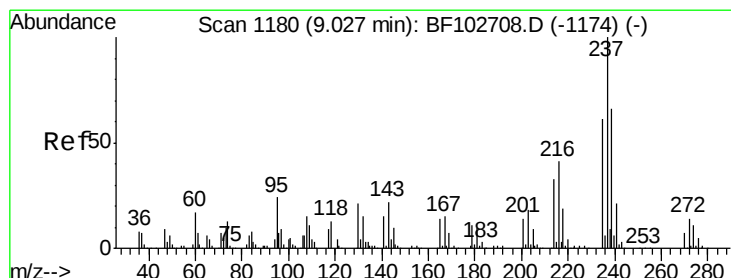
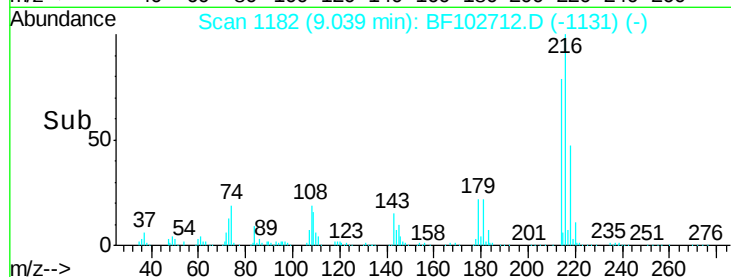
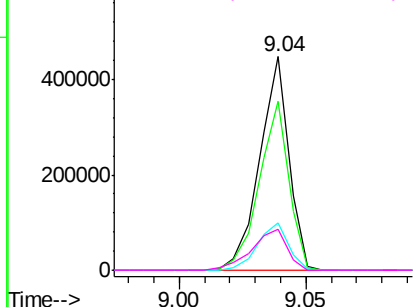
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.9		63.0	94.4	
179	23.2		18.1	27.1	
108	22.9		17.2	25.8	

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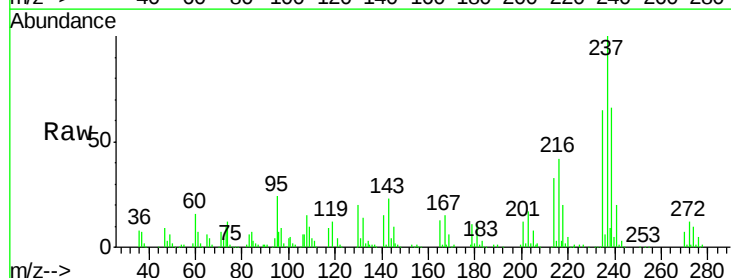


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

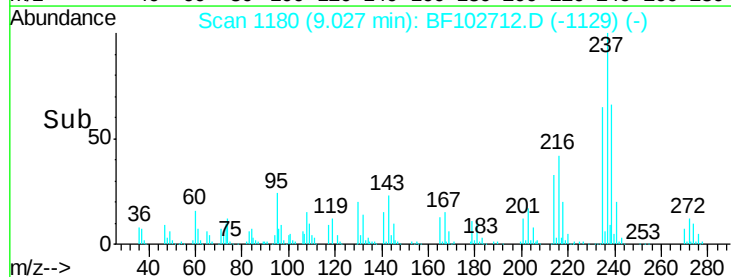
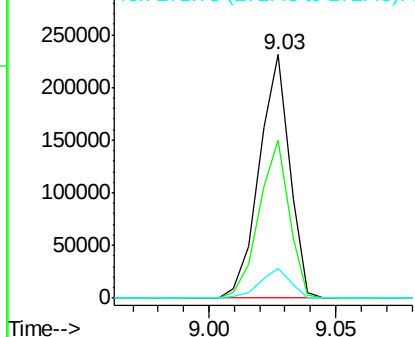


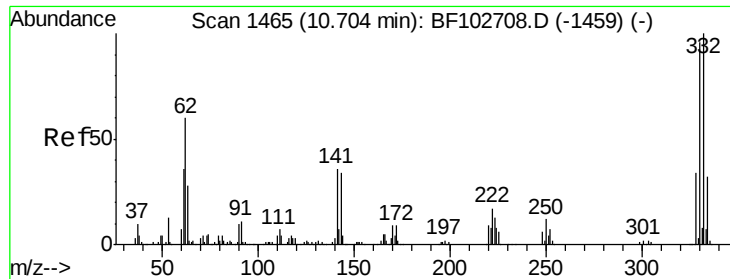
#40
 Hexachlorocyclopentadiene
 Concen: 40.344 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF102712.D
 Acq: 3 Feb 2018 12:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	65.0		44.8	84.8	
272	12.3		0.0	33.3	



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





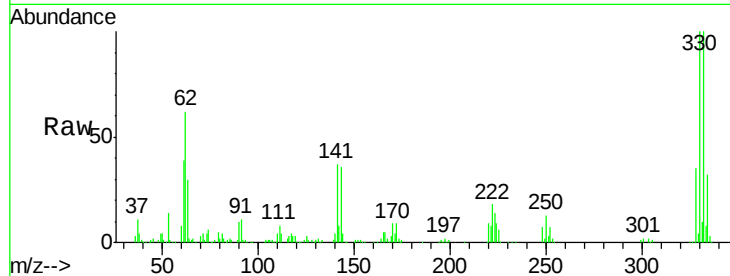
#41
 2,4,6-Tribromophenol
 Concen: 82.137 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF102712.D
 Acq: 3 Feb 2018 12:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020318

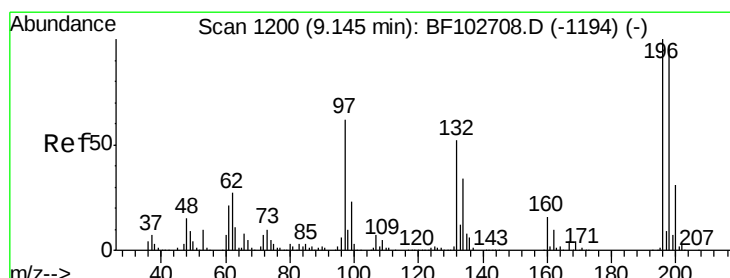
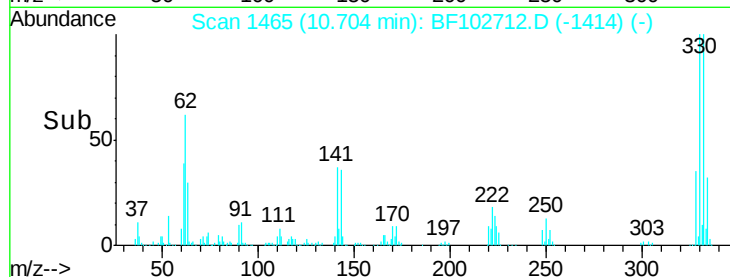
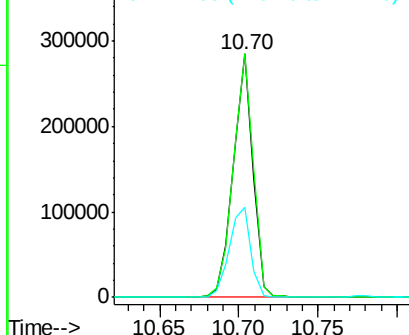
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.9	77.0	115.6	
141	40.1	29.9	44.9	

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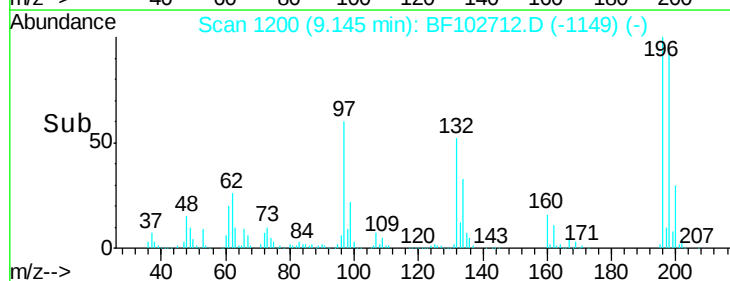
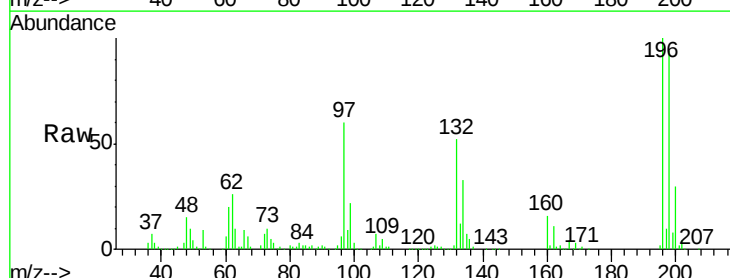
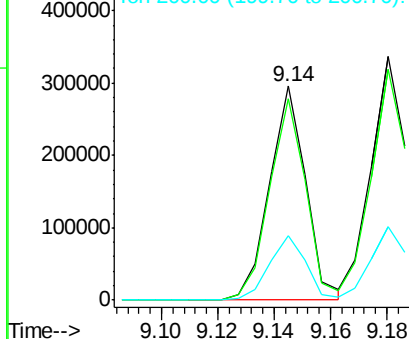
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

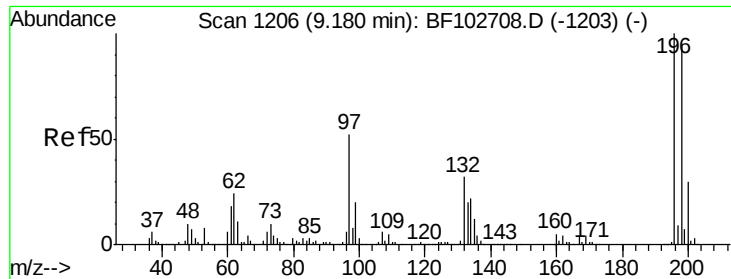


#42
 2,4,6-Trichlorophenol
 Concen: 39.519 ng
 RT: 9.14 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF102712.D
 Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.1	75.7	113.5	
200	29.9	24.5	36.7	

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





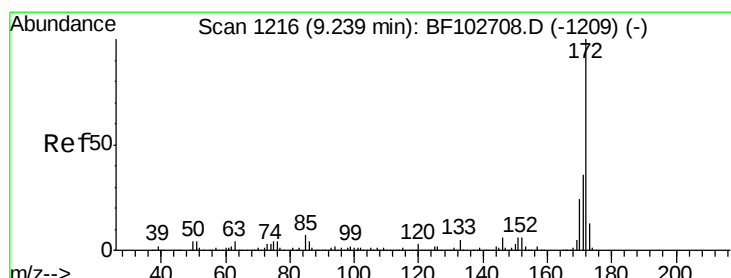
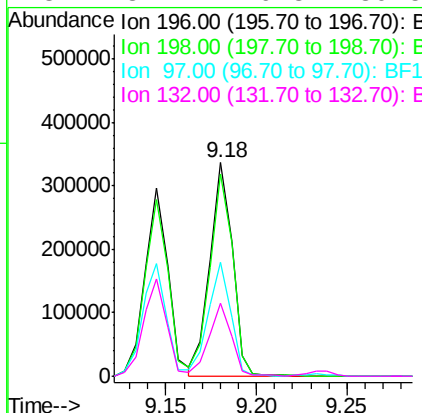
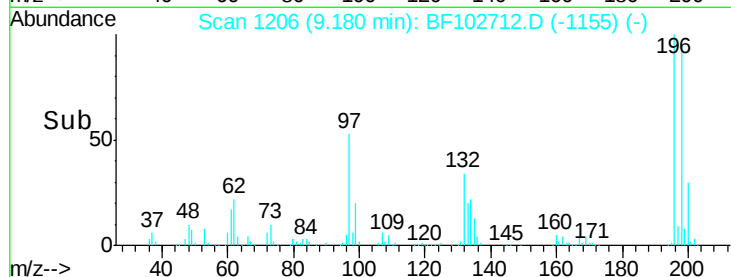
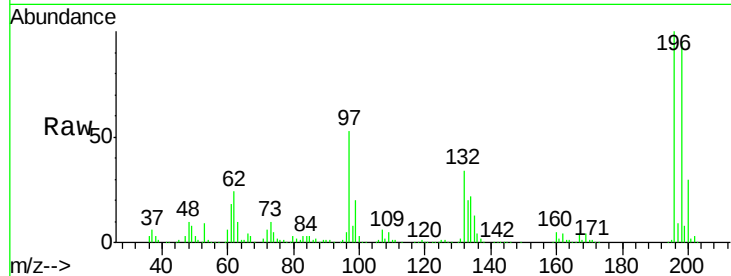
#43
 2,4,5-Trichlorophenol
 Concen: 39.064 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF102712.D
 Acq: 3 Feb 2018 12:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020318

Tot Ion	196	Resp	293365
Ion Ratio	Lower	Upper	
196	100		
198	94.9	74.6	112.0
97	53.1	42.9	64.3
132	34.1	26.3	39.5

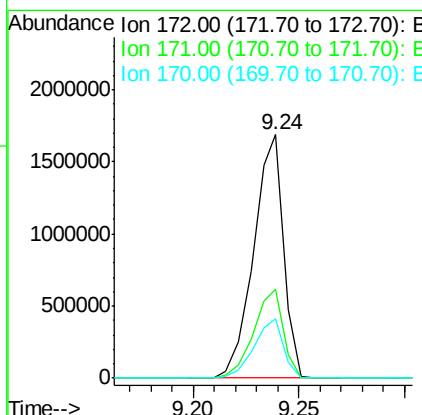
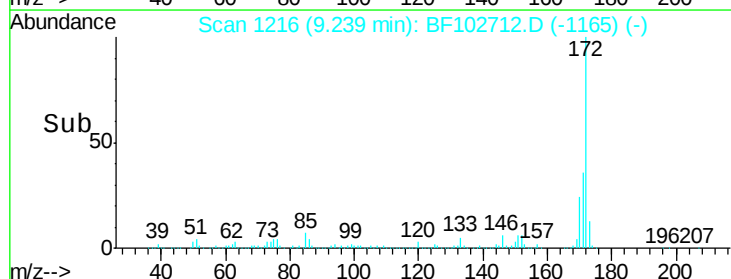
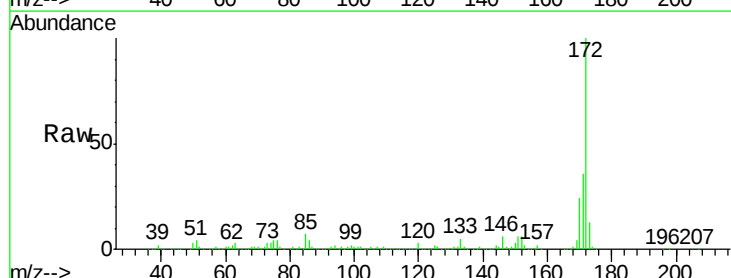
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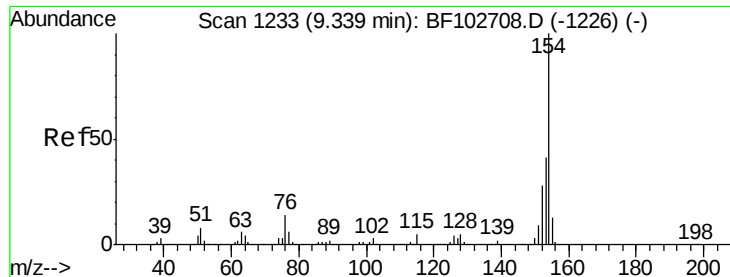
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 73.842 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF102712.D
 Acq: 3 Feb 2018 12:41

Tgt Ion	172	Resp	1657938
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4





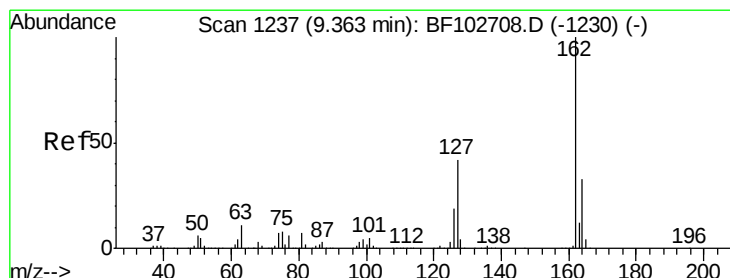
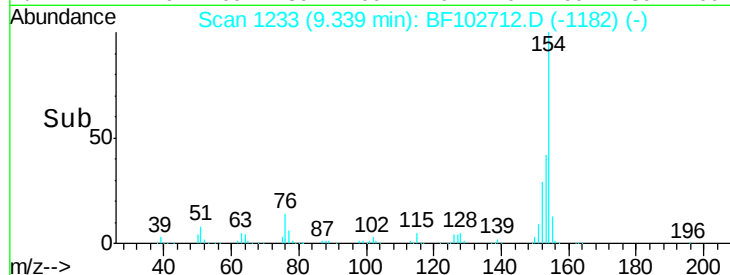
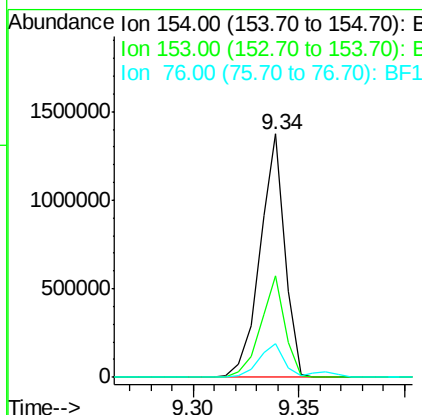
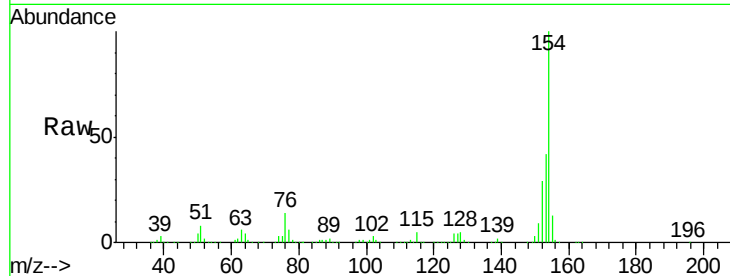
#45
1,1'-Biphenyl
Concen: 35.692 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.3	61.3
76	13.8	0.0	34.0

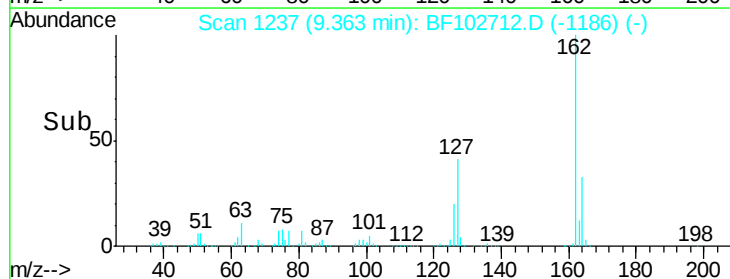
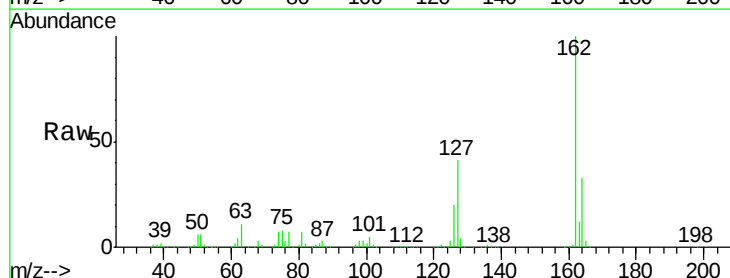
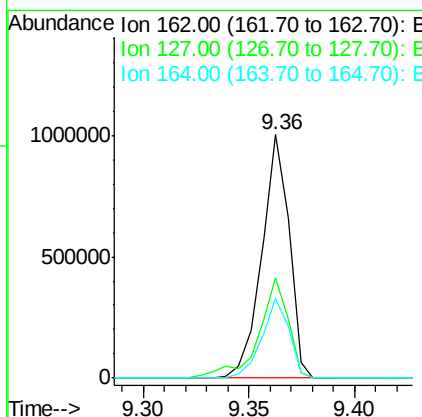
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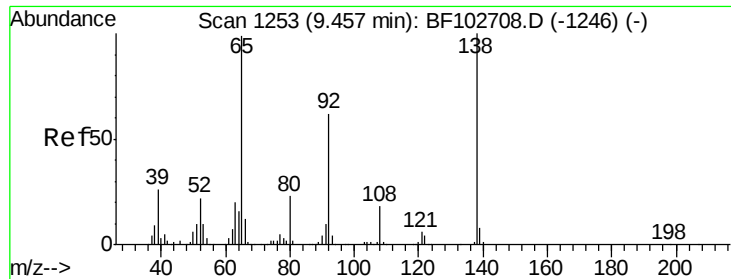
Sohil
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#46
2-Chloronaphthalene
Concen: 36.609 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.9	50.9
164	32.6	26.5	39.7





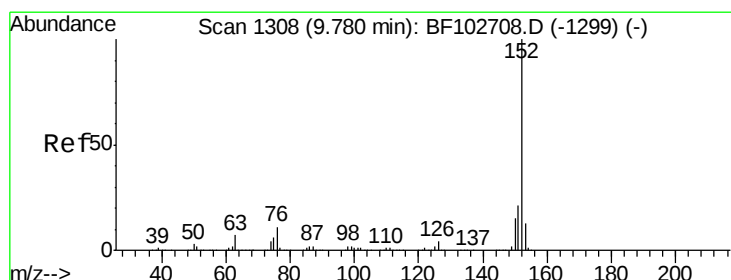
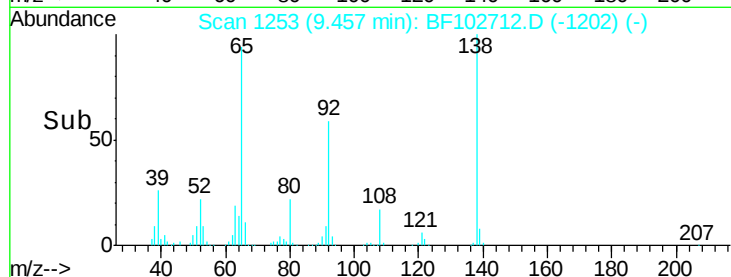
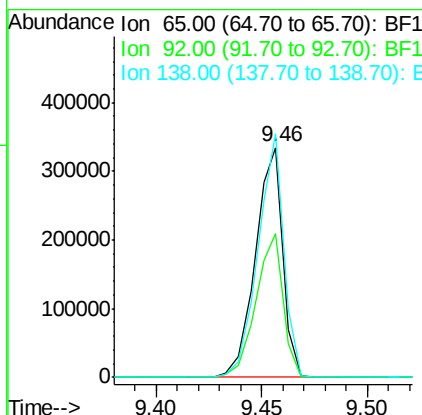
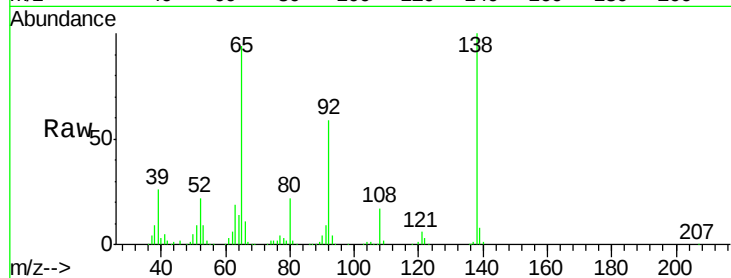
#47
2-Nitroaniline
Concen: 40.152 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.8	55.8	83.6
138	106.0	91.2	136.8

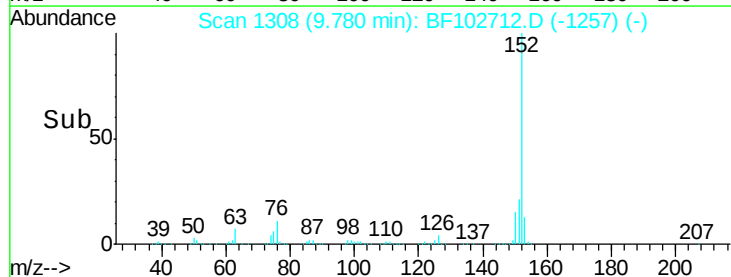
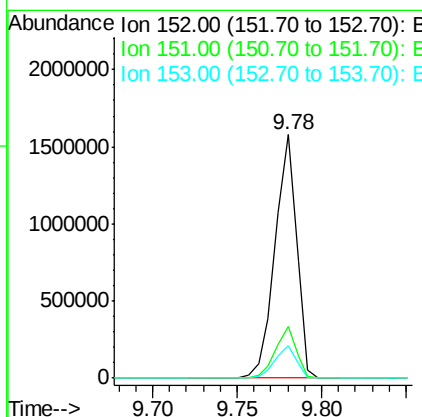
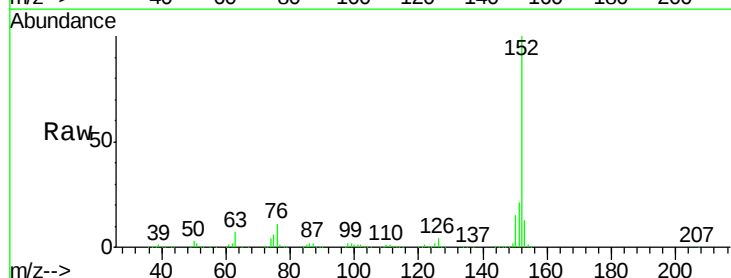
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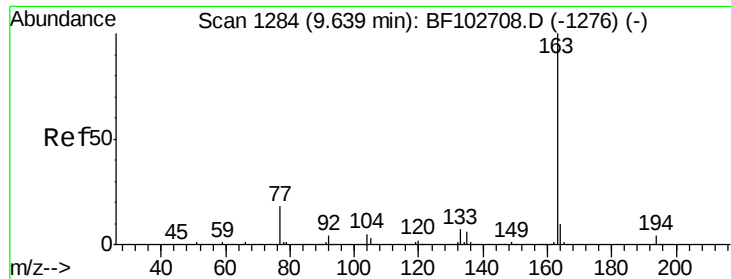
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#48
Acenaphthylene
Concen: 36.577 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.3	24.5
153	13.4	10.7	16.1





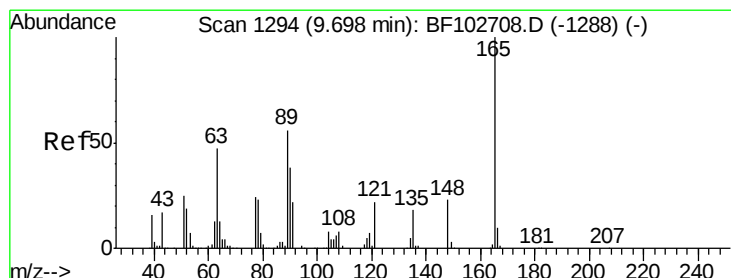
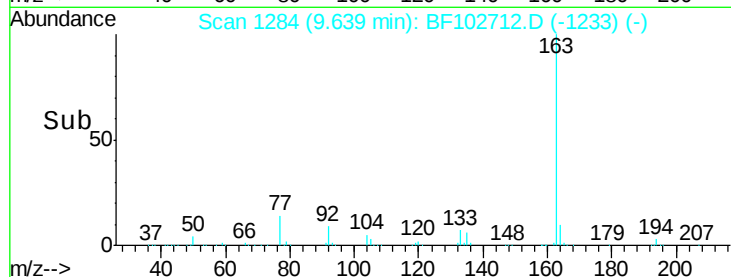
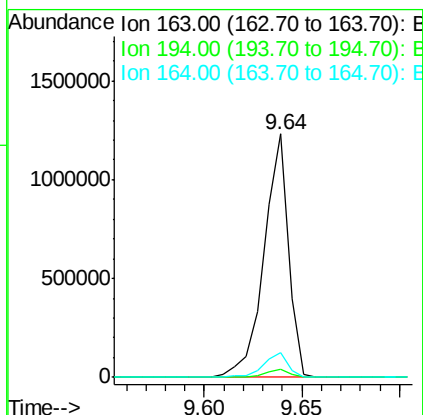
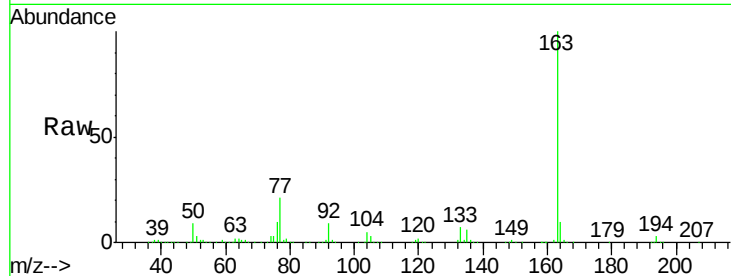
#49
Dimethylphthalate
Concen: 36.759 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2

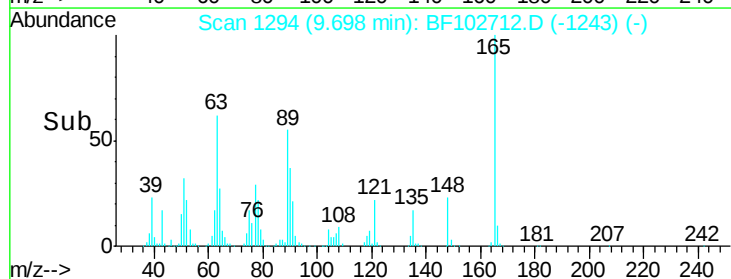
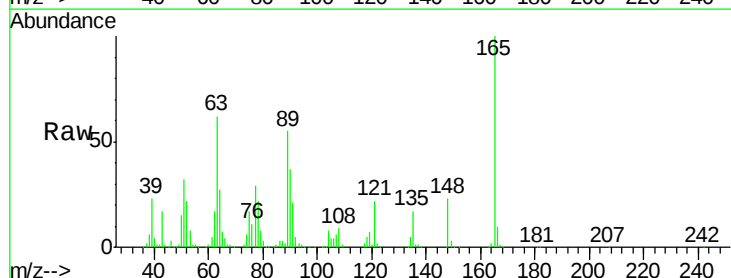
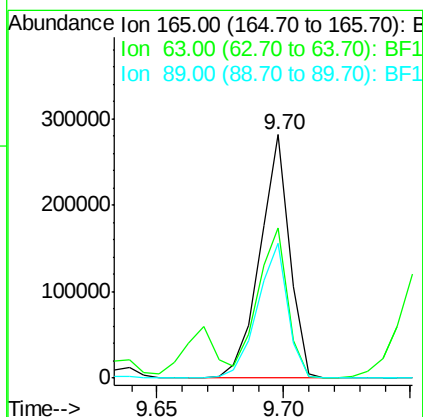
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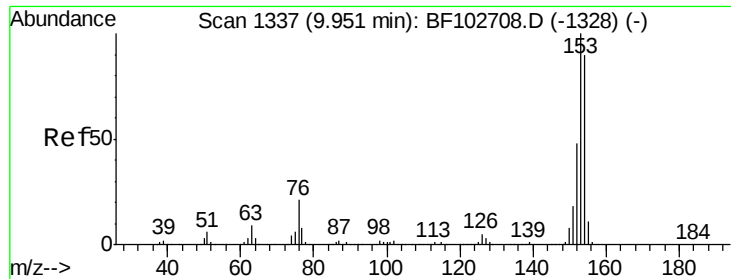
Sohil
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#50
2,6-Dinitrotoluene
Concen: 41.386 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.9	44.7	67.1
89	55.5	44.0	66.0





#51

Acenaphthene

Concen: 36.637 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Instrument :

BNA_F

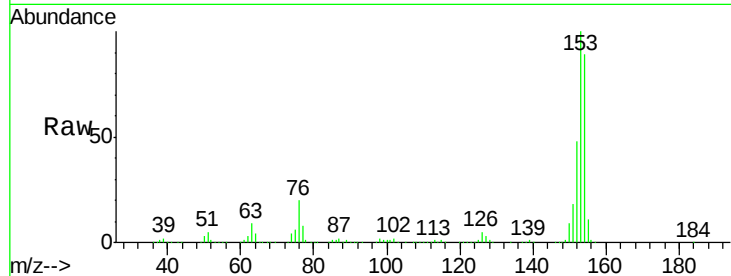
ClientSampleId :

ICVBF020318

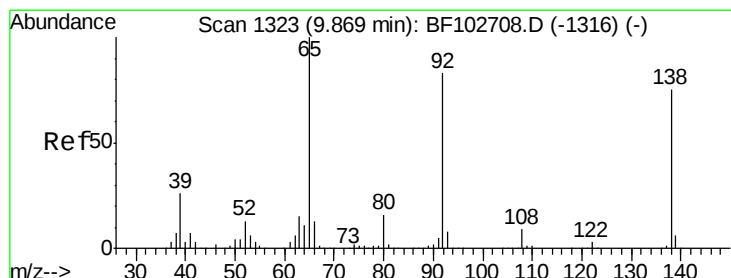
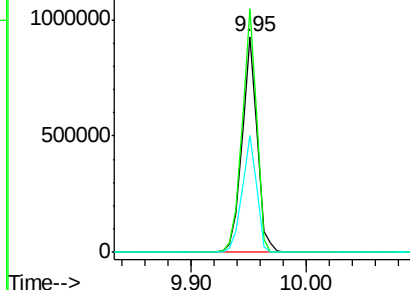
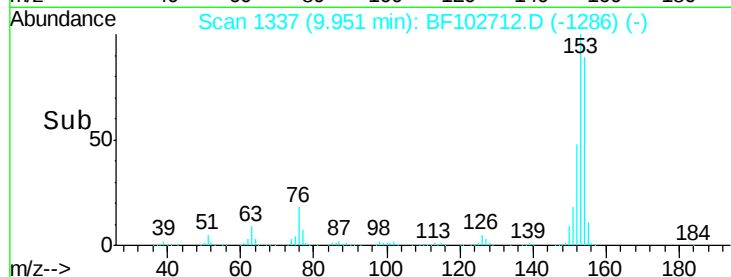
Tot Ion:	154	Resp:	840695
Ion Ratio	Lower	Upper	
154	100		
153	112.7	91.2	136.8
152	54.2	43.8	65.8

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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: 40.630 ng

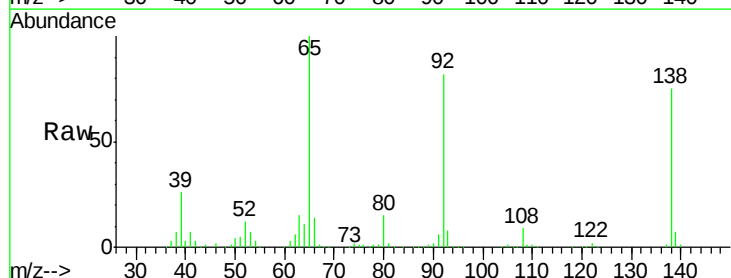
RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

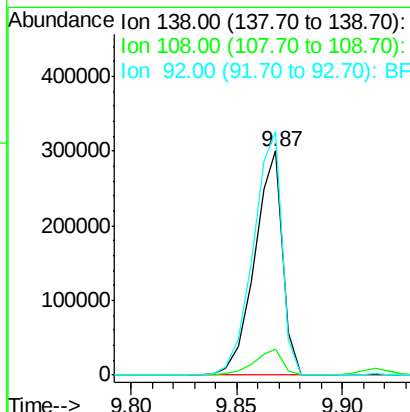
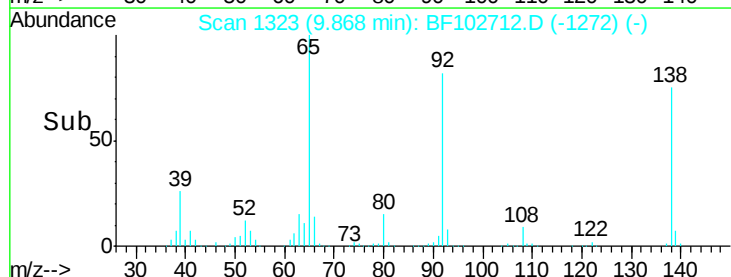
Lab File: BF102712.D

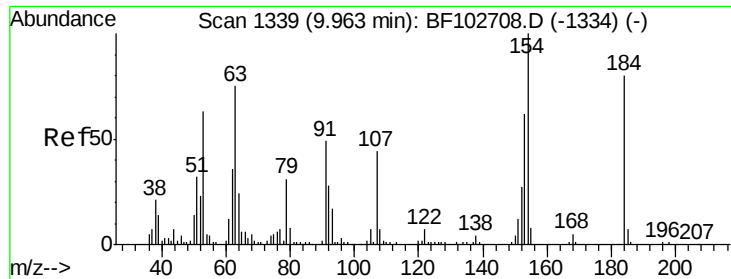
Acq: 3 Feb 2018 12:41

Tgt Ion:	138	Resp:	276301
Ion Ratio	Lower	Upper	
138	100		
108	11.5	9.4	14.0
92	108.6	89.4	134.2



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): BF1





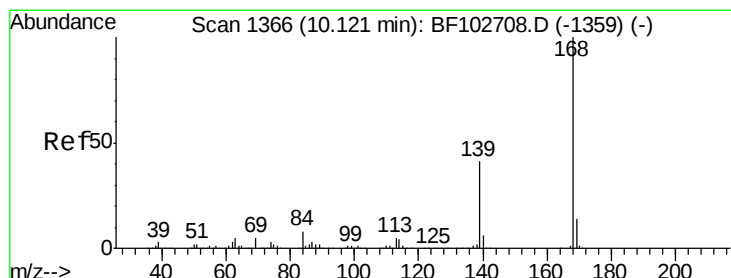
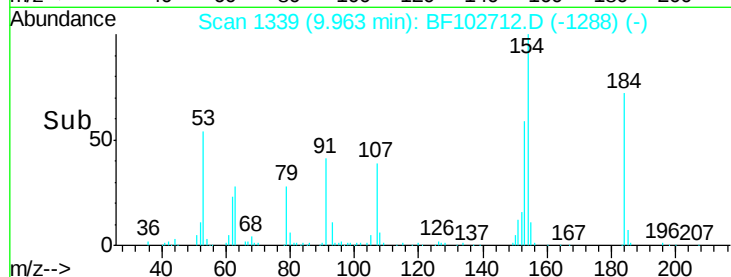
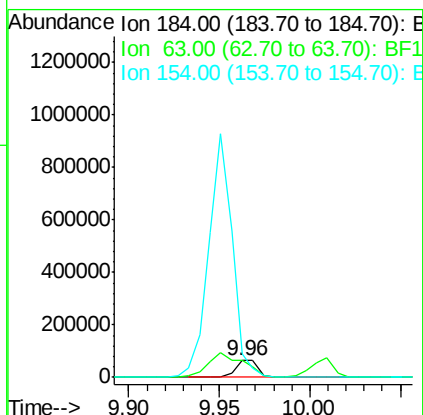
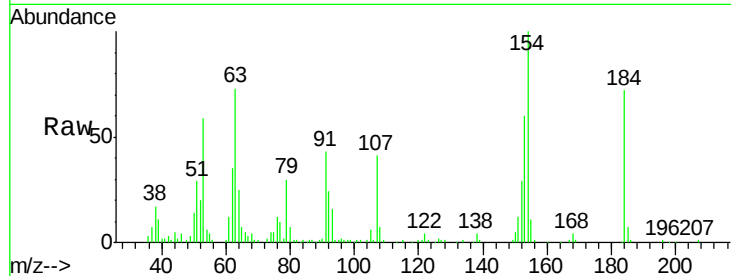
#53
2,4-Dinitrophenol
Concen: 45.313 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

Tot Ion	Ratio	Lower	Upper
184	100		
63	102.4	54.2	81.2#
154	139.6	184.0	276.0#

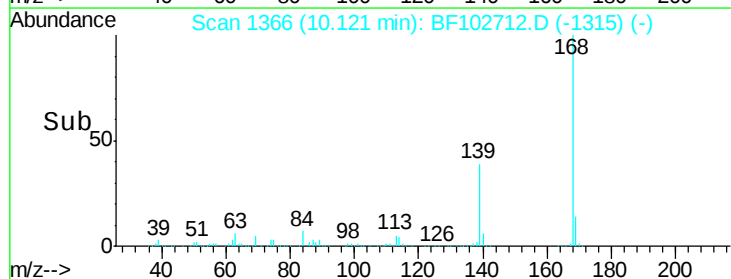
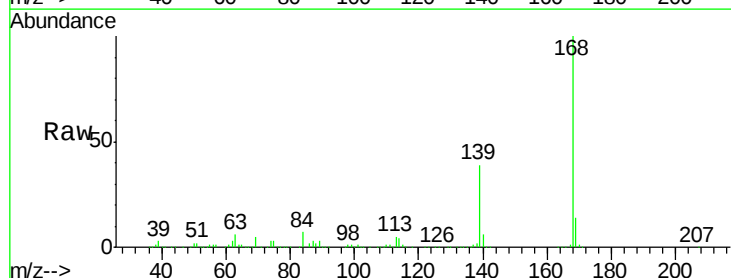
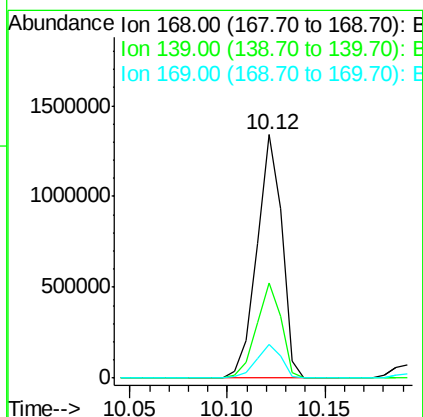
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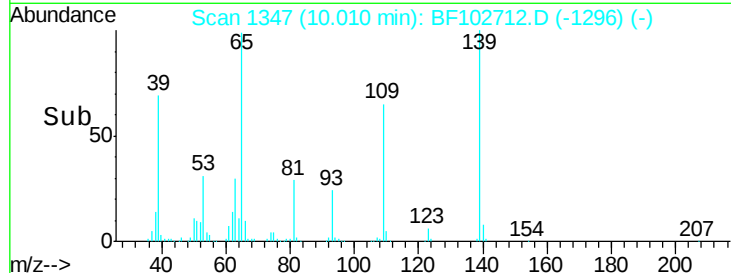
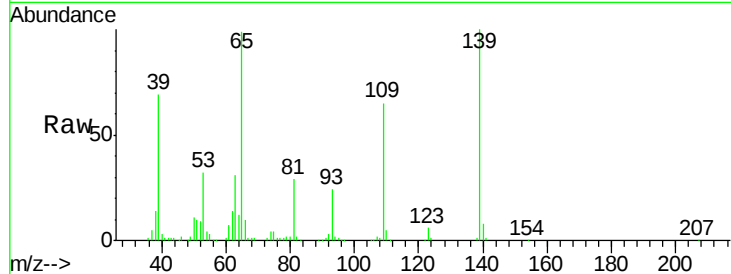
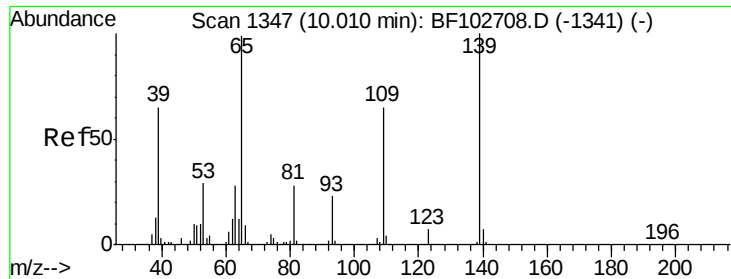
Sohil
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#54
Dibenzofuran
Concen: 36.744 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.1	45.1
169	13.6	10.9	16.3





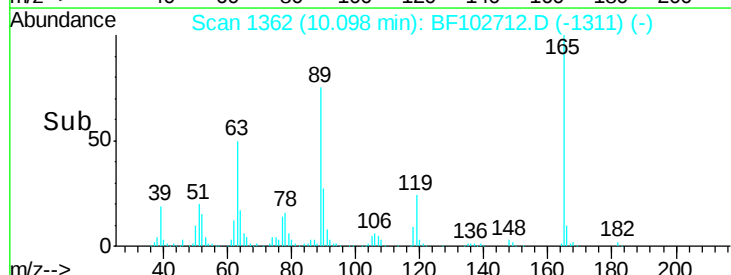
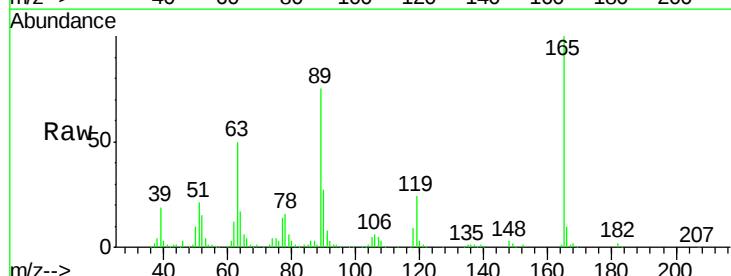
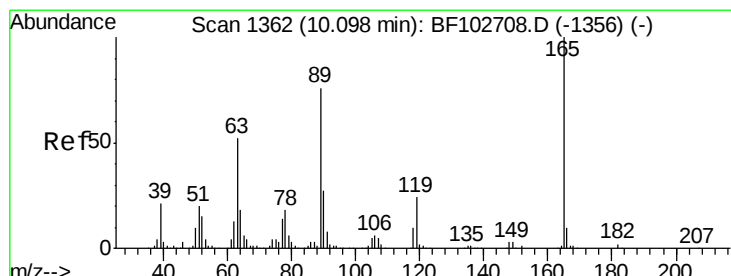
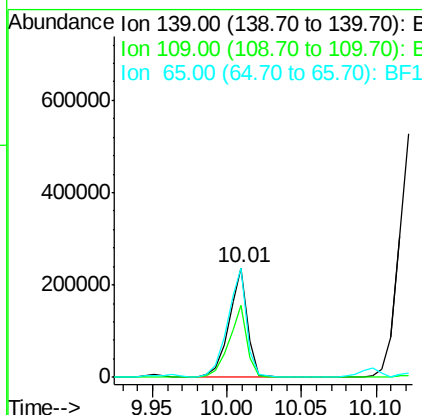
#55
4-Nitrophenol
Concen: 39.257 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

Tot Ion	Ratio	Resp	Lower	Upper
139	100	207325		
109	65.4	48.4	88.4	
65	99.4	72.6	112.6	

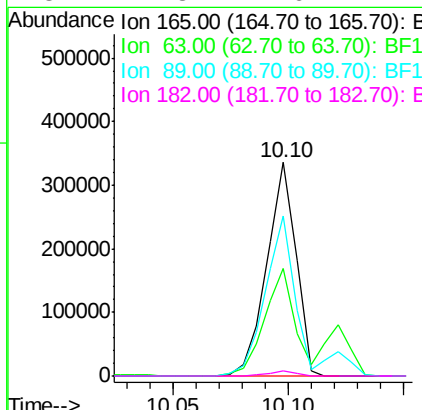
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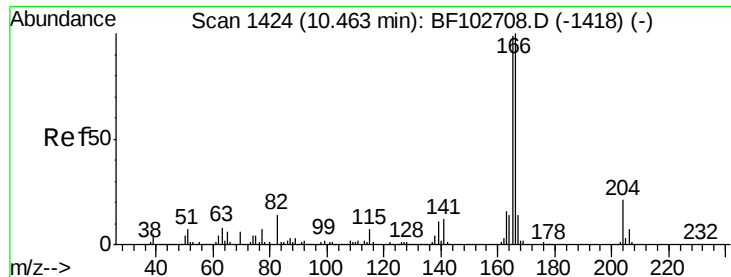
Sohil
4/13/2018 4:48:05 PM



#56
2,4-Dinitrotoluene
Concen: 40.365 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	295317		
63	50.4	36.4	54.6	
89	74.7	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 37.419 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Instrument :

BNA_F

ClientSampleId :

ICVBF020318

Tot Ion:166 Resp: 880400

Ion Ratio Lower Upper

166 100

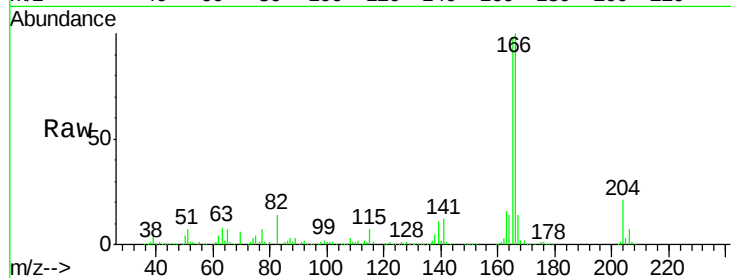
165 97.7 79.8 119.8

167 13.6 10.6 16.0

Manual Integrations
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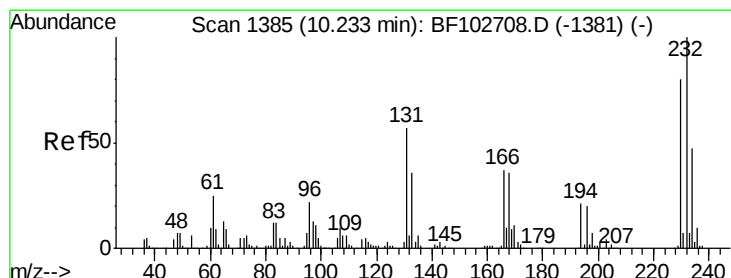
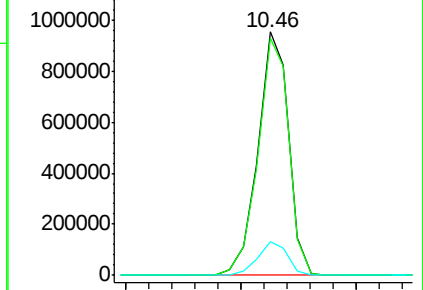
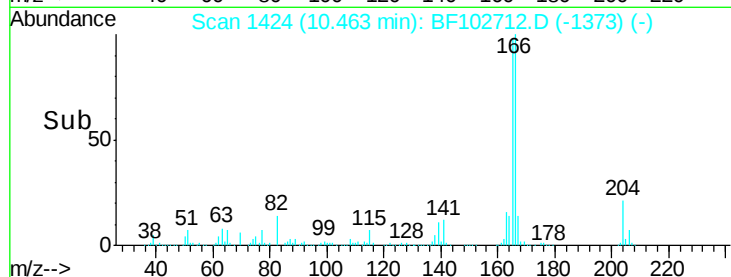
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 41.221 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Tgt Ion:232 Resp: 214554

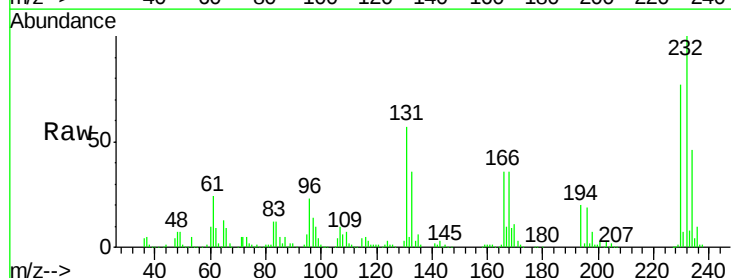
Ion Ratio Lower Upper

232 100

131 55.4 43.8 65.8

130 2.6 2.1 3.1

166 34.5 27.8 41.6

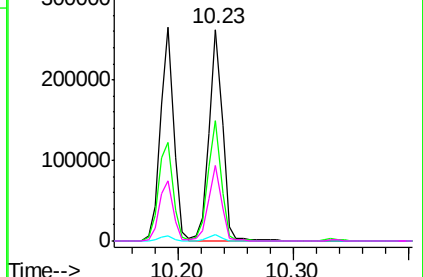
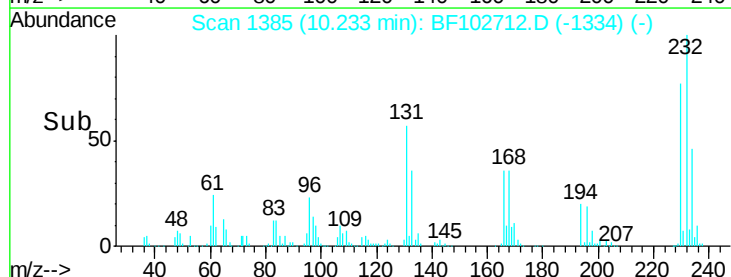


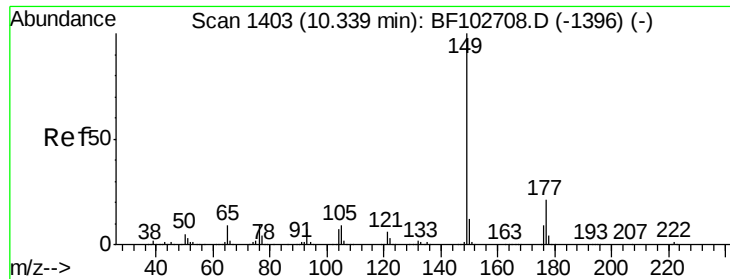
Abundance Ion 232.00 (231.70 to 232.70): E

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





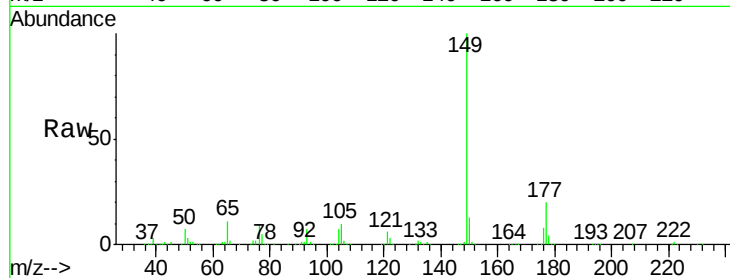
#59
Diethylphthalate
Concen: 37.114 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

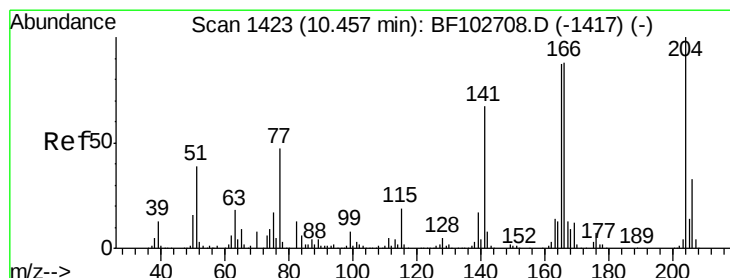
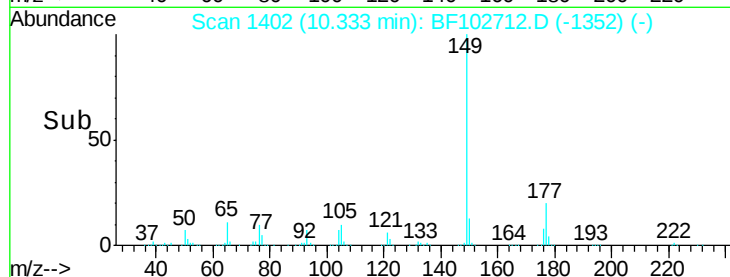
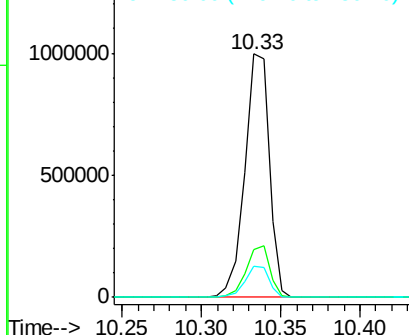
Tot Ion	Ratio	Lower	Upper
149	100		
177	19.8	16.1	24.1
150	12.6	10.1	15.1

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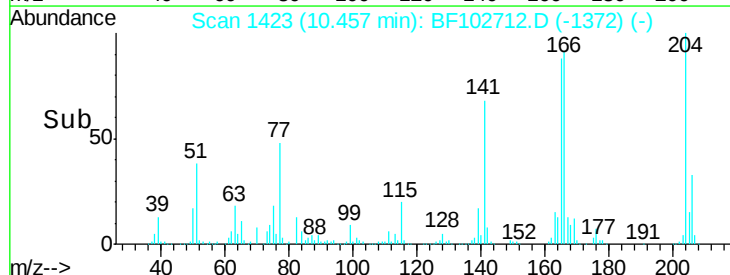
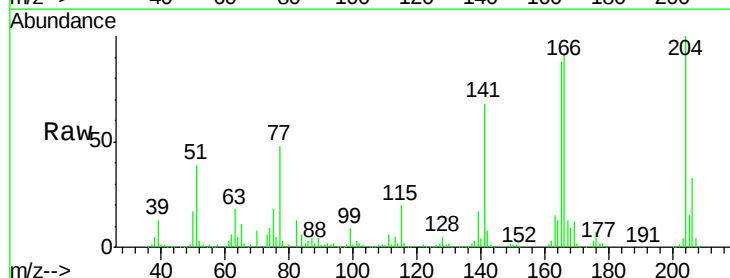
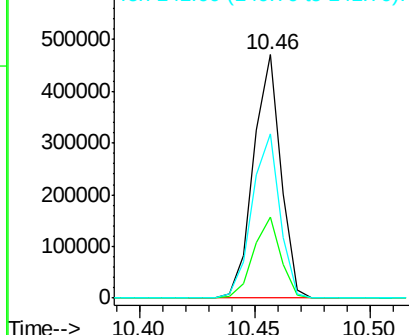
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

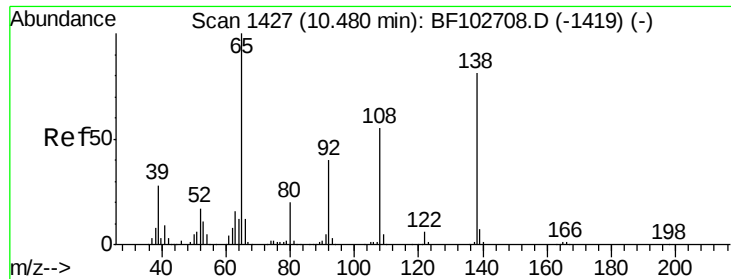


#60
4-Chlorophenyl-phenylether
Concen: 37.514 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	67.5	54.6	81.8

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





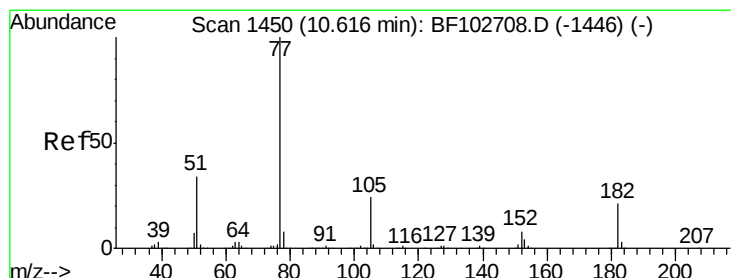
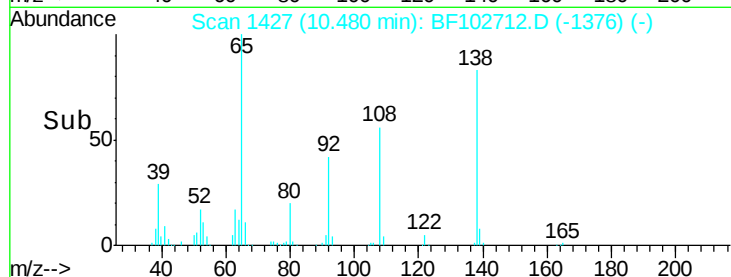
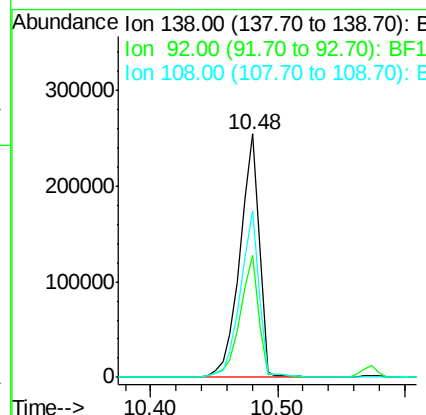
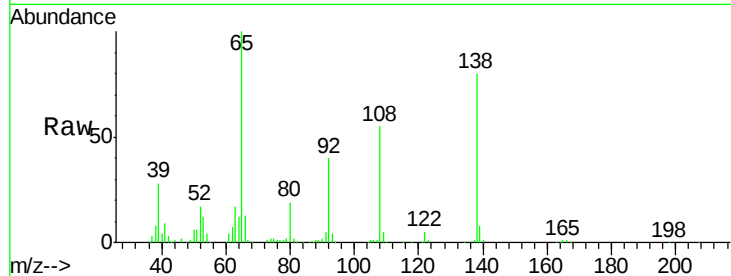
#61
4-Nitroaniline
Concen: 41.023 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.2	30.2	70.2
108	68.6	52.5	92.5

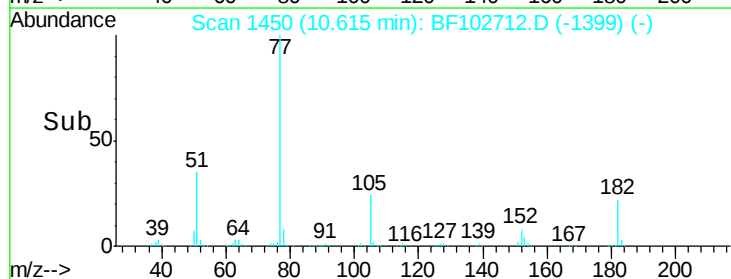
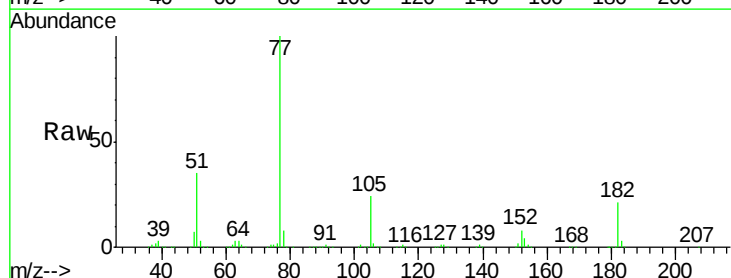
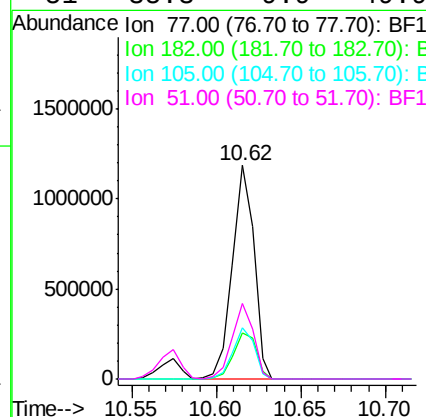
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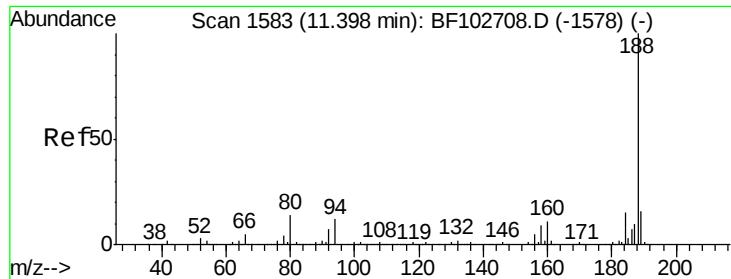
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#62
Azobenzene
Concen: 36.844 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.5	1.7	41.7
105	23.9	3.0	43.0
51	35.3	9.9	49.9





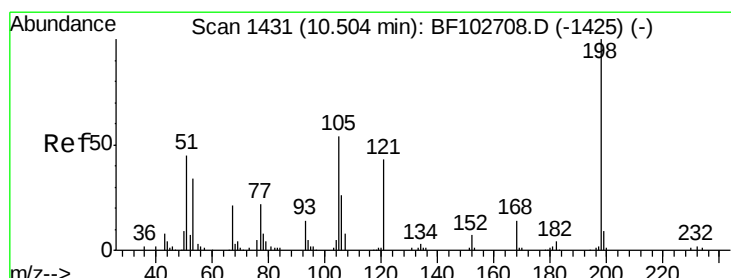
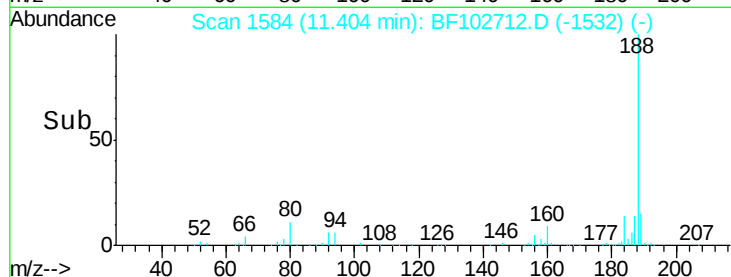
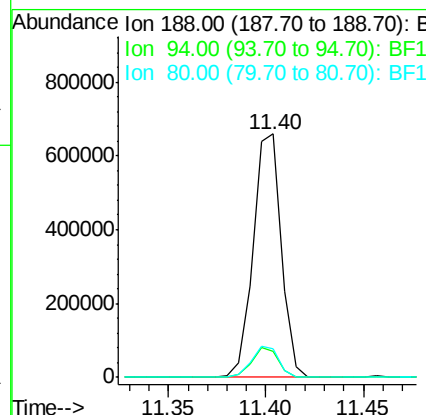
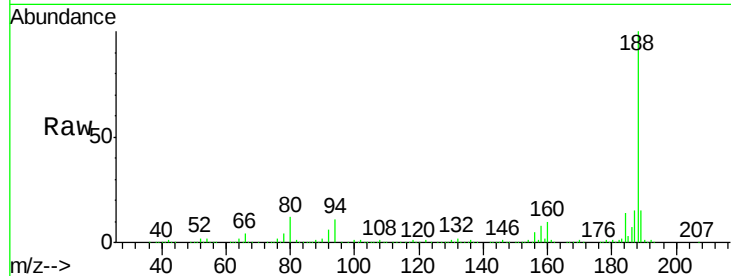
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

Tot Ion	Ratio	Resp	Lower	Upper
188	100	656042		
94	10.7		8.5	12.7
80	11.5		9.2	13.8

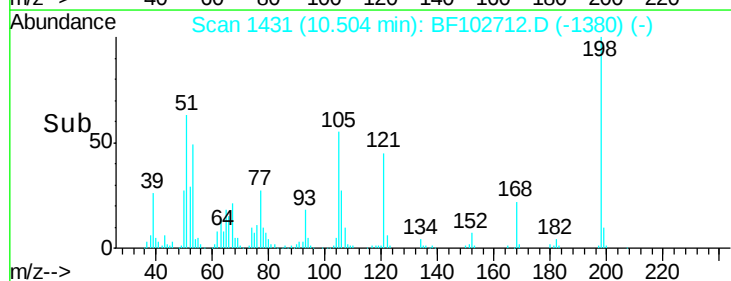
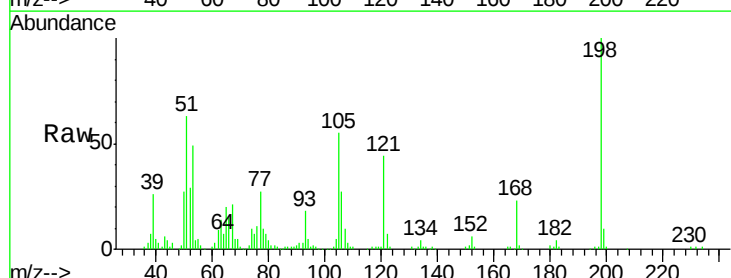
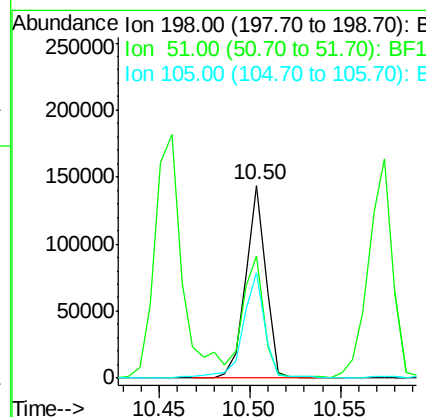
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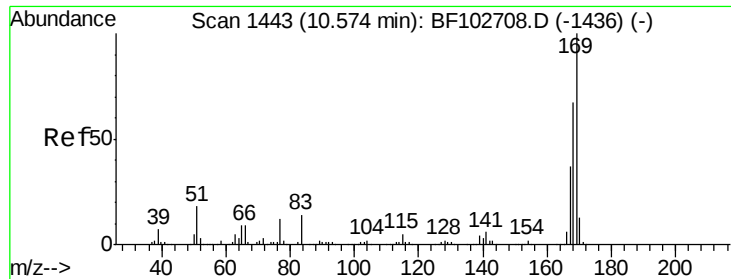
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.559 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	110990		
51	63.0		37.7	77.7
105	54.8		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 35.994 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Instrument :

BNA_F

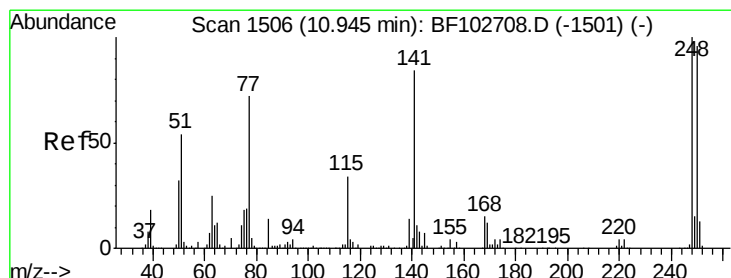
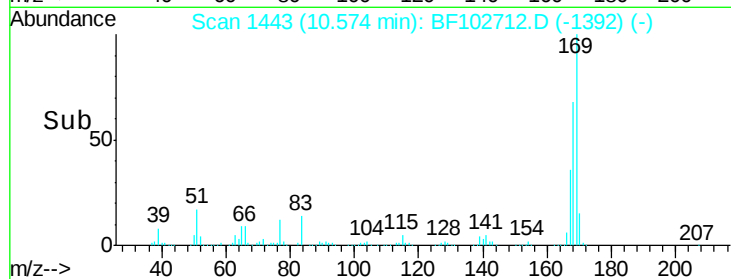
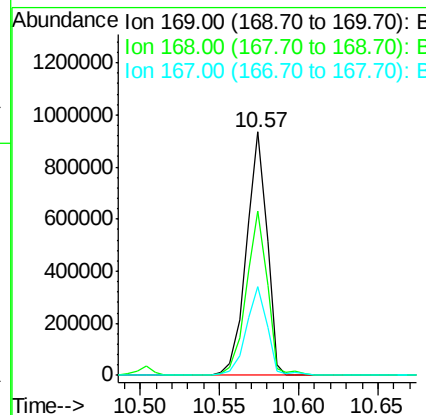
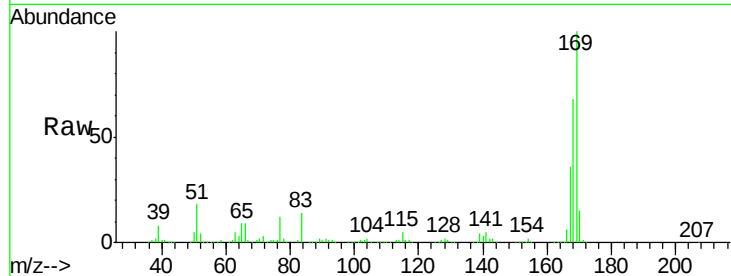
ClientSampleId :

ICVBF020318

Tot Ion:	169	Resp:	832924
Ion Ratio	Lower	Upper	
169	100		
168	67.6	54.4	81.6
167	36.3	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 35.984 ng

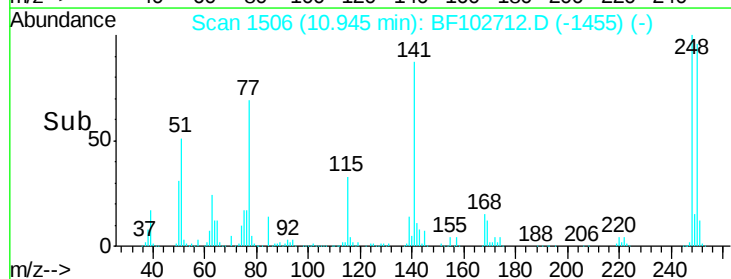
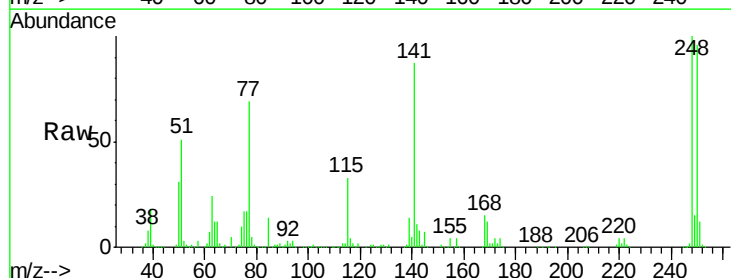
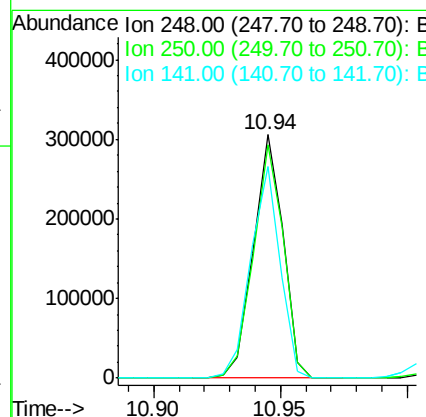
RT: 10.94 min Scan# 1506

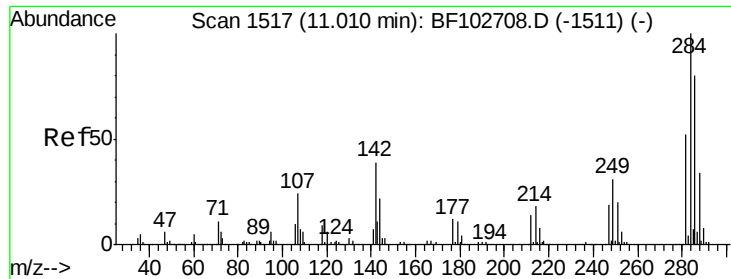
Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Tgt Ion:	248	Resp:	249719
Ion Ratio	Lower	Upper	
248	100		
250	95.7	76.9	115.3
141	87.1	74.4	111.6





#67

Hexachlorobenzene

Concen: 36.110 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Instrument :

BNA_F

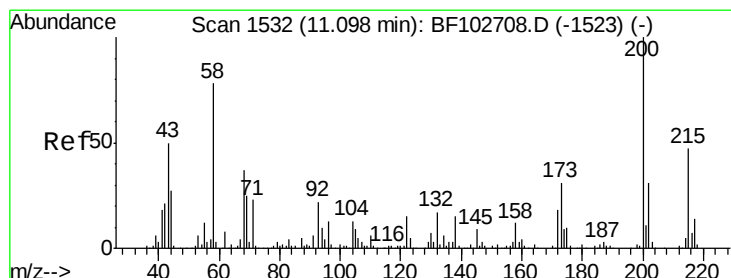
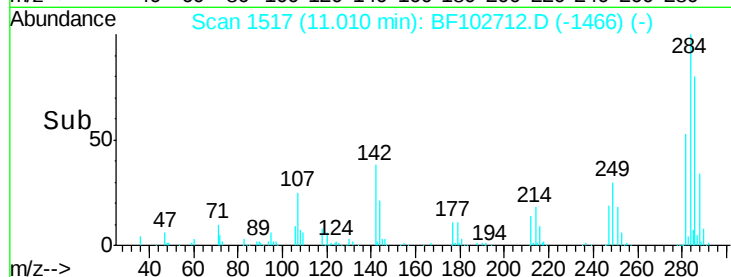
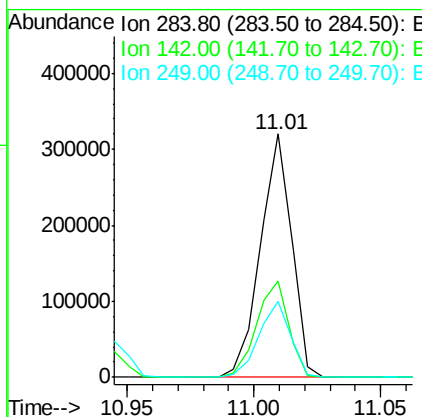
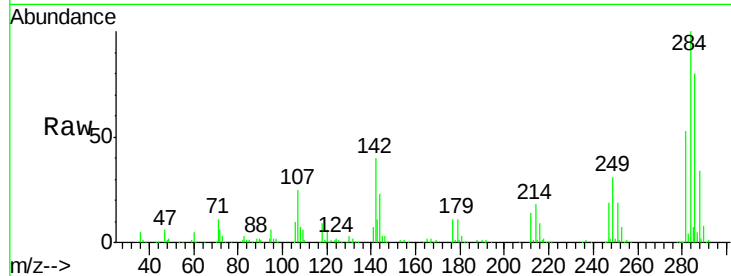
ClientSampleId :

ICVBF020318

Tot Ion:	284	Resp:	276453
Ion Ratio	Lower	Upper	
284	100		
142	39.6	34.6	52.0
249	31.2	24.8	37.2

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#68

Atrazine

Concen: 36.857 ng

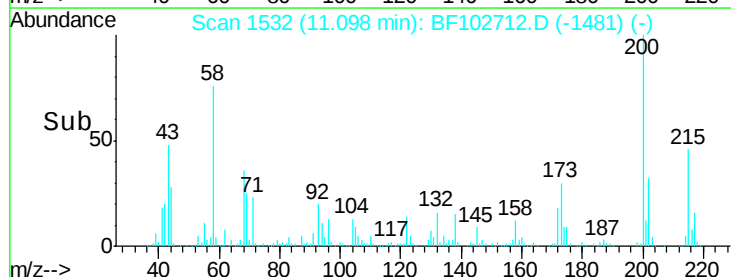
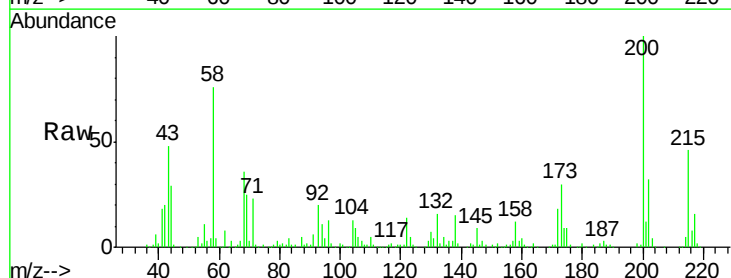
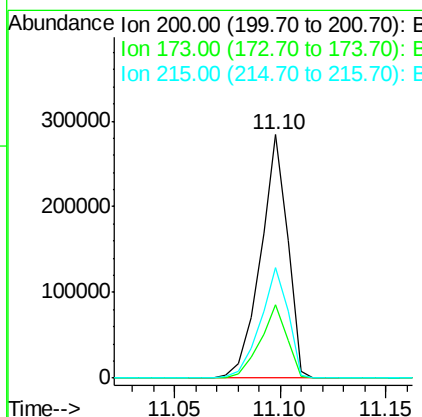
RT: 11.10 min Scan# 1532

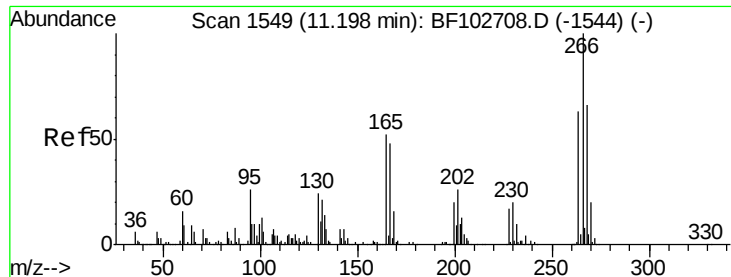
Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Tgt Ion:	200	Resp:	251612
Ion Ratio	Lower	Upper	
200	100		
173	29.9	8.6	48.6
215	45.6	25.1	65.1





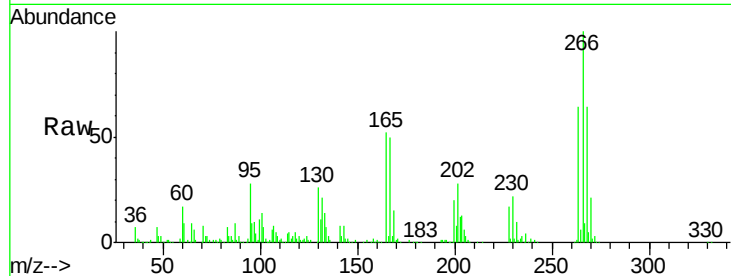
#69
 Pentachlorophenol
 Concen: 40.090 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF102712.D
 Acq: 3 Feb 2018 12:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020318

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.1	76.7
264	64.1	49.5	74.3

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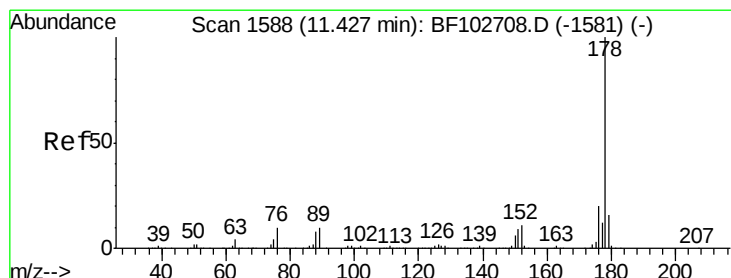
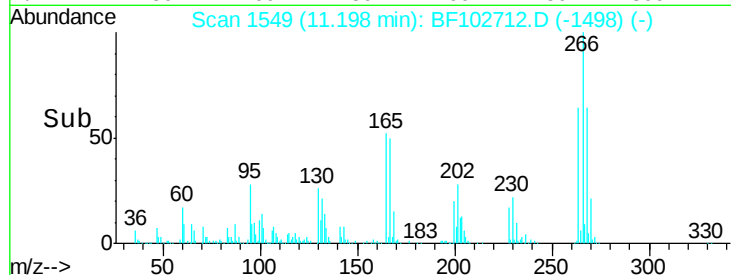
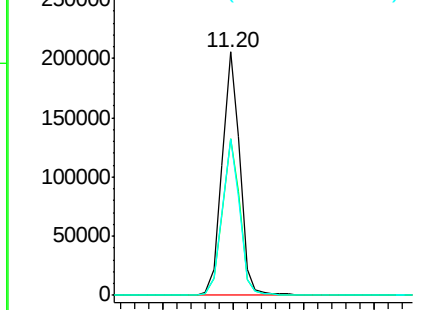


Abundance

Ion 265.70 (265.40 to 266.40): E

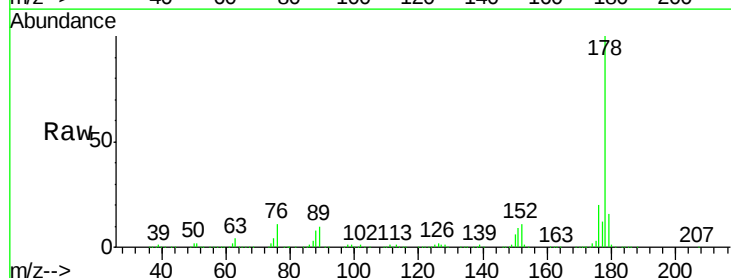
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 35.767 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF102712.D
 Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.8	13.0	19.6

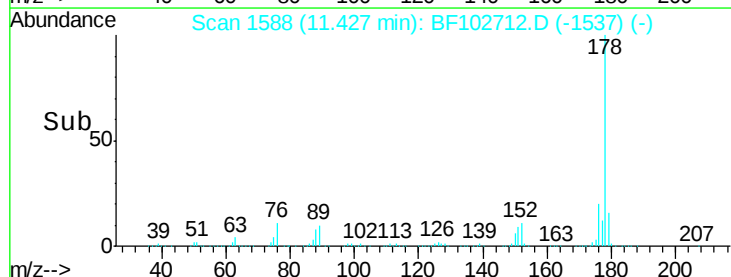
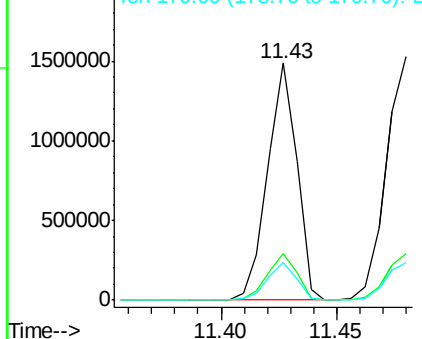


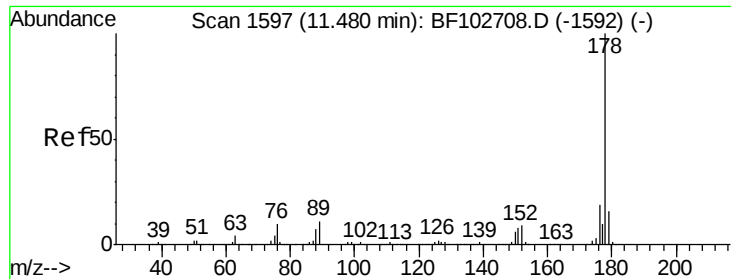
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





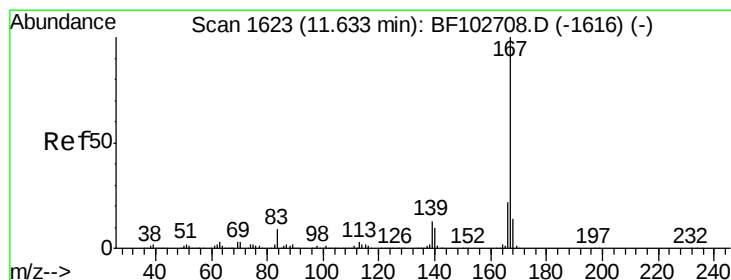
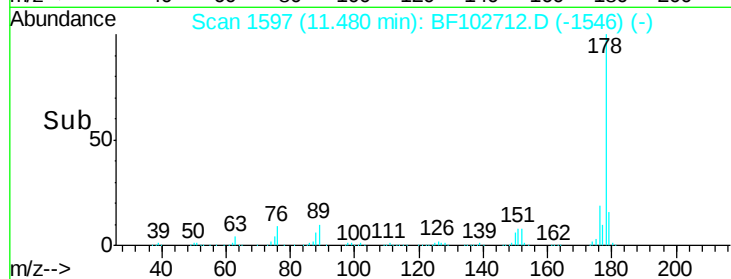
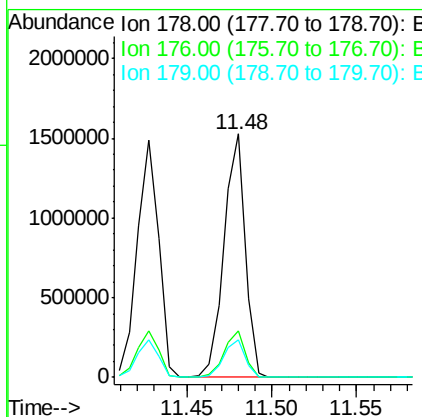
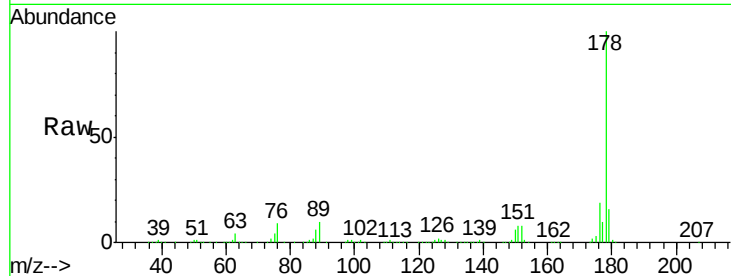
#71
 Anthracene
 Concen: 36.003 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF102712.D
 Acq: 3 Feb 2018 12:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020318

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.0	15.4	23.2	
179	15.6	12.6	19.0	

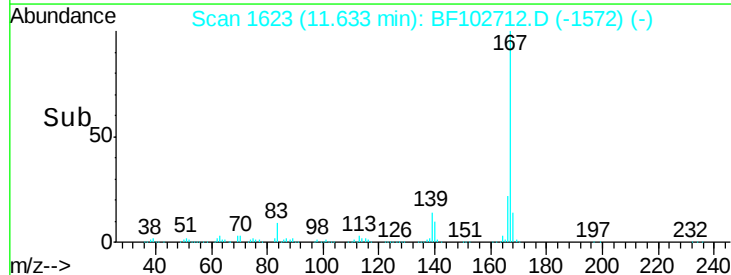
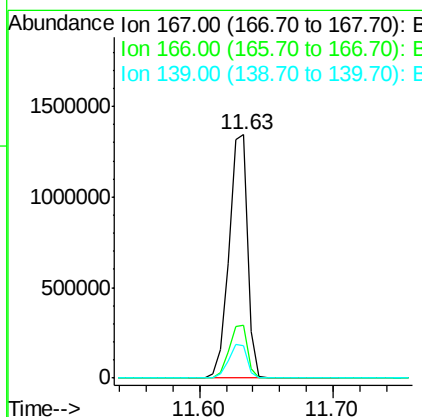
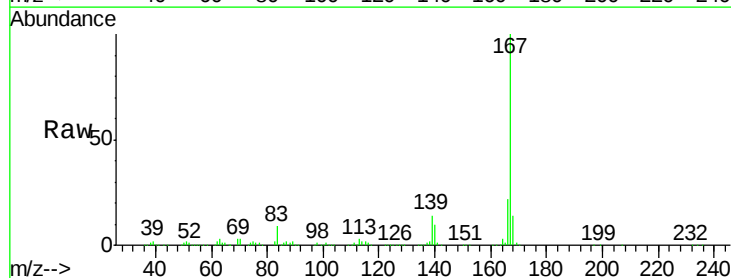
Manual Integrations
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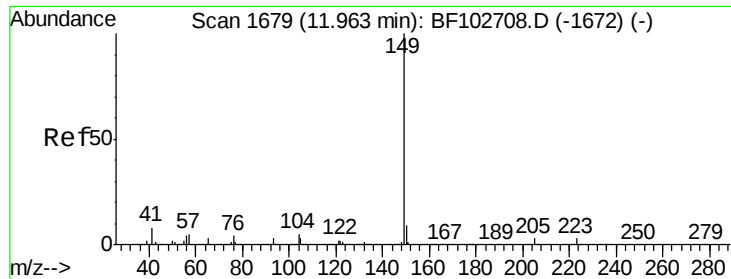
Sohil
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#72
 Carbazole
 Concen: 36.384 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF102712.D
 Acq: 3 Feb 2018 12:41

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.8	17.6	26.4	
139	13.6	10.9	16.3	





#73

Di-n-butylphthalate

Concen: 37.076 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Instrument :

BNA_F

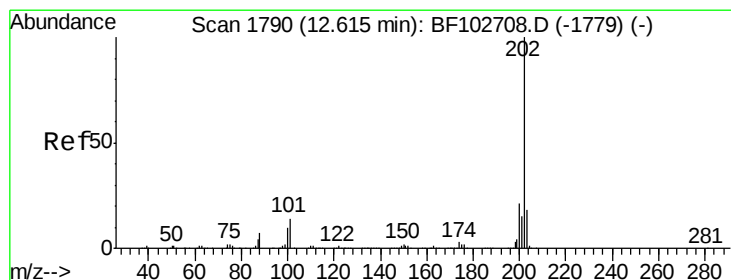
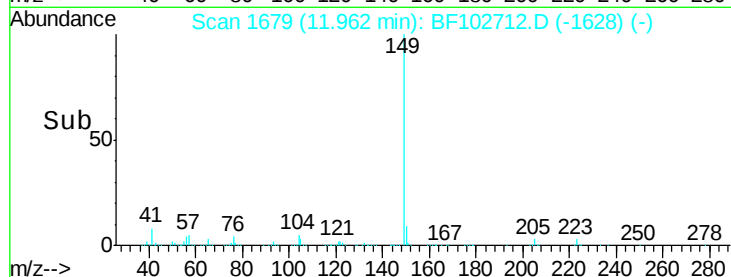
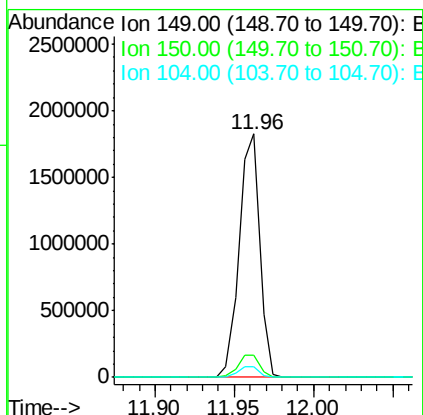
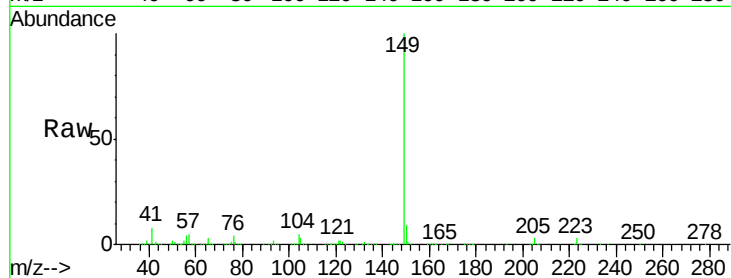
ClientSampleId :

ICVBF020318

Tot Ion:	149	Resp:	1639701
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.6	3.8	5.8

Manual Integrations
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Sohil
4/13/2018 4:48:05 PM



#74

Fluoranthene

Concen: 35.720 ng

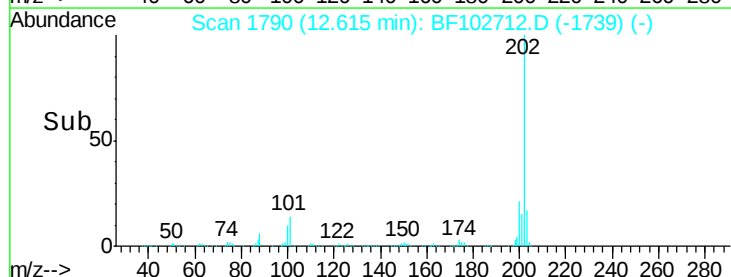
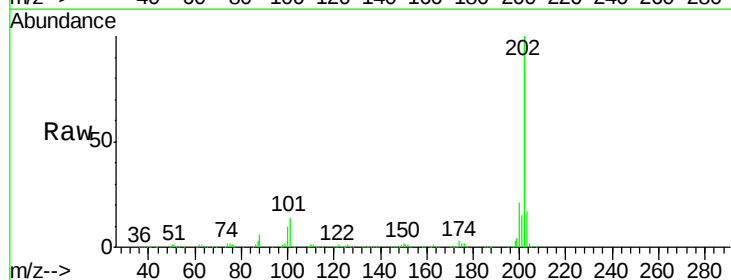
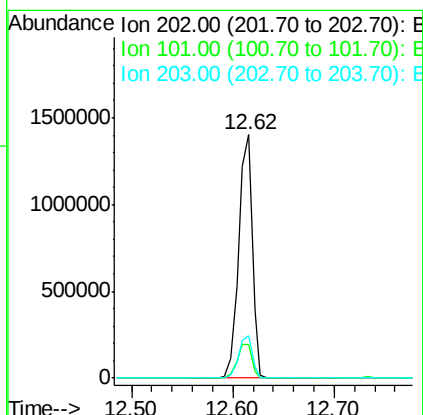
RT: 12.62 min Scan# 1790

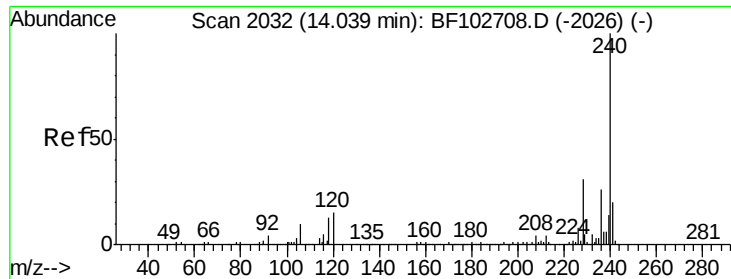
Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Tgt Ion:	202	Resp:	1313099
Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Instrument :

BNA_F

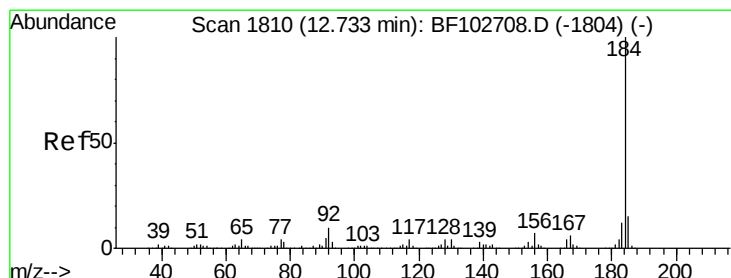
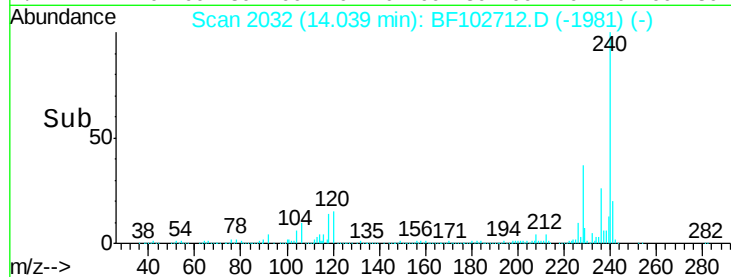
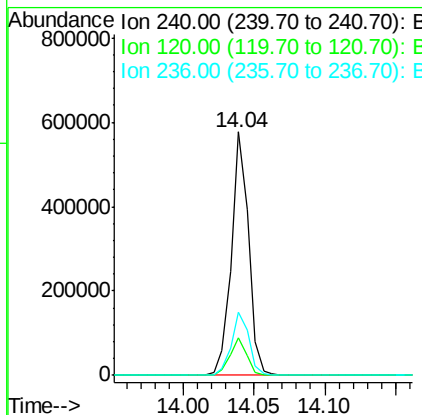
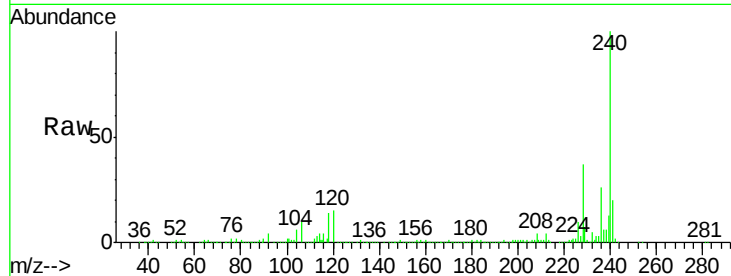
ClientSampleId :

ICVBF020318

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	25.9	20.7	31.1

Manual Integrations
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Sohil
4/13/2018 4:48:05 PM



#76

Benzidine

Concen: 36.357 ng

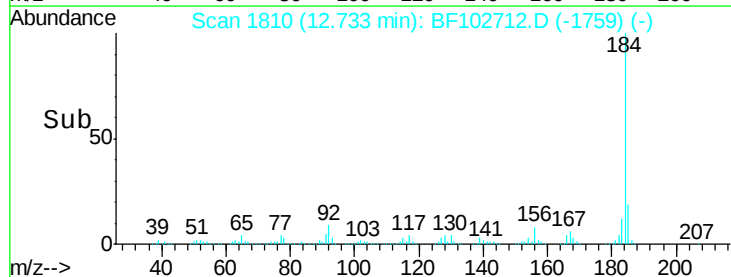
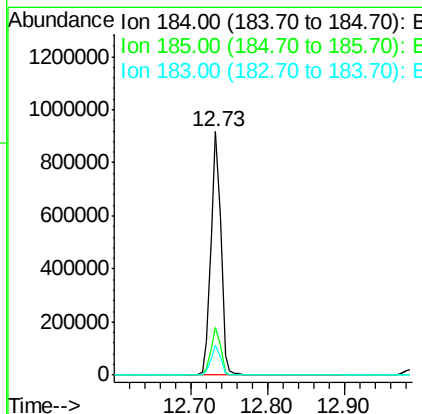
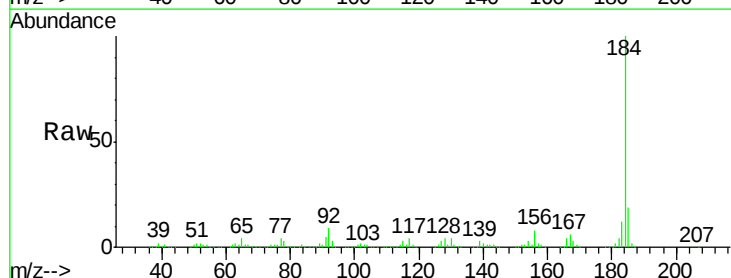
RT: 12.73 min Scan# 1810

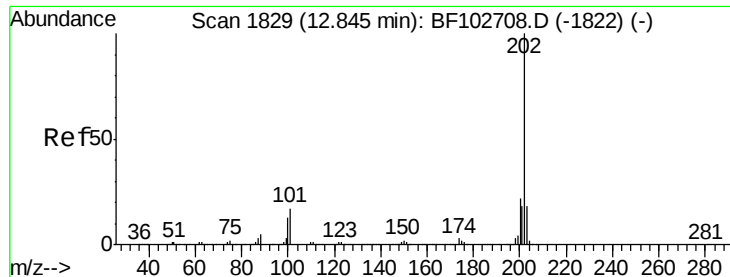
Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
184	100		
185	19.5	12.6	18.8#
183	12.0	9.3	13.9





#77

Pvrene

Concen: 35.833 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Instrument :

BNA_F

ClientSampleId :

ICVBF020318

Tot Ion:202 Resp: 1369933

Ion Ratio Lower Upper

202 100

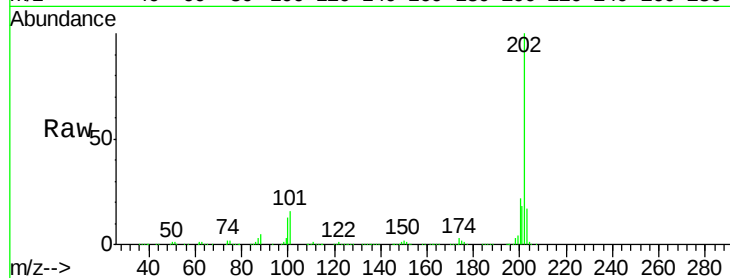
200 21.6 17.4 26.2

203 17.5 14.3 21.5

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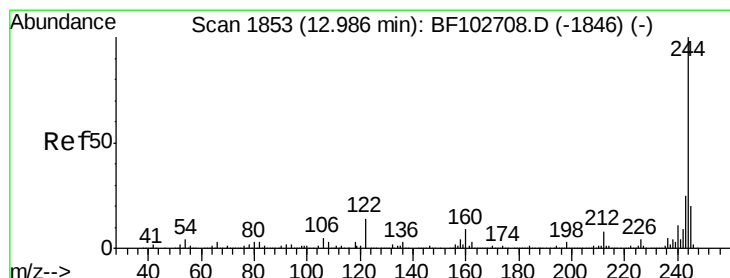
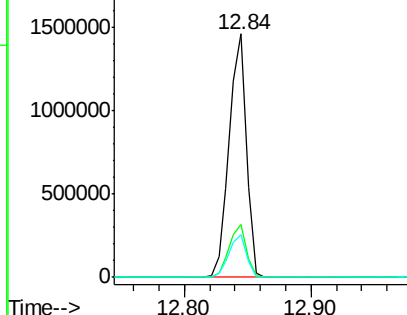
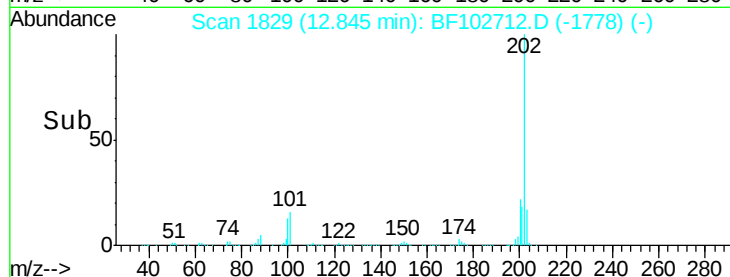
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.213 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

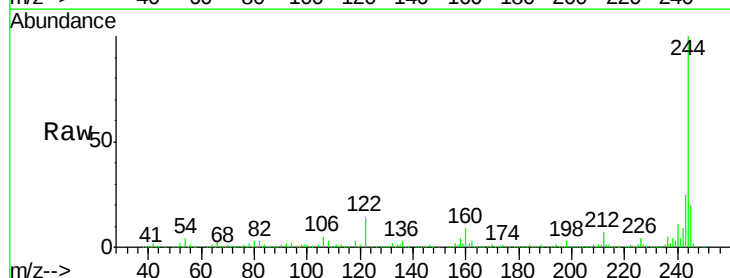
Tgt Ion:244 Resp: 1425159

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

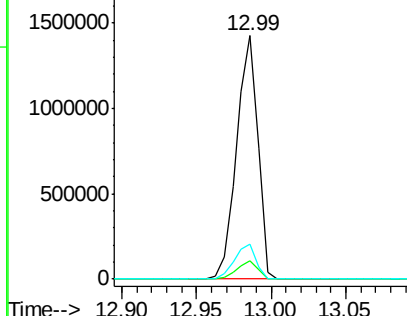
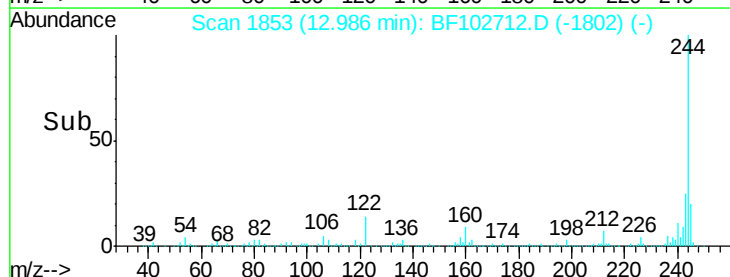
122 14.3 11.0 16.4

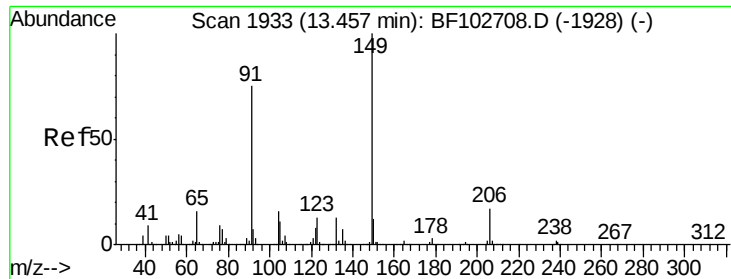


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.528 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Instrument :

BNA_F

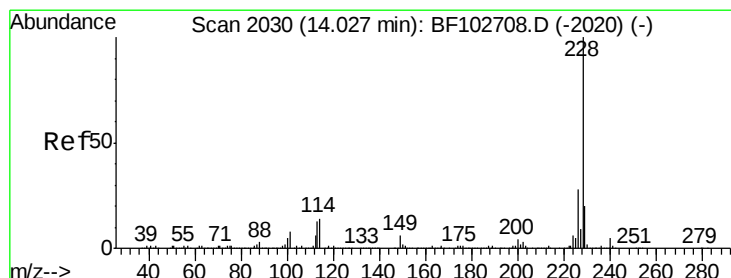
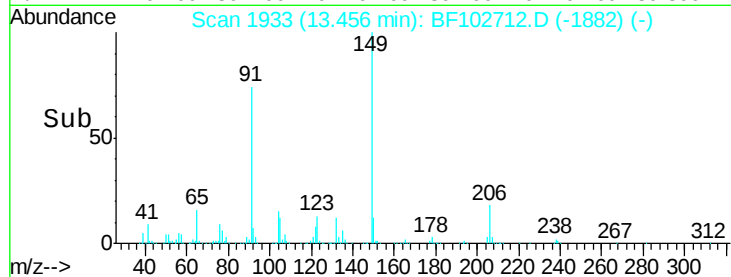
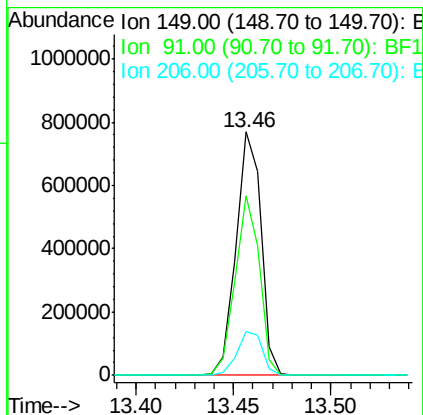
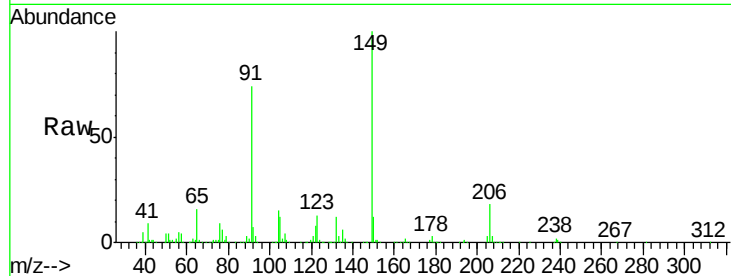
ClientSampleId :

ICVBF020318

Tot Ion:	149	Resp:	682105
Ion Ratio	Lower	Upper	
149	100		
91	73.9	56.8	85.2
206	18.1	14.1	21.1

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 35.930 ng

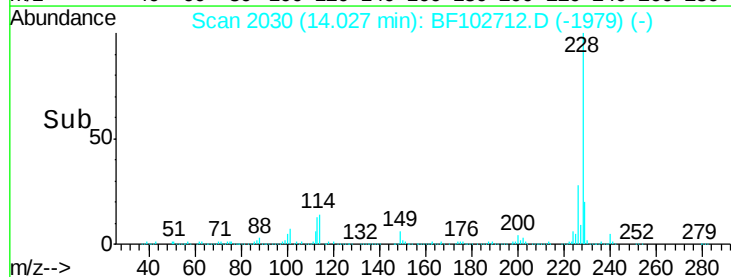
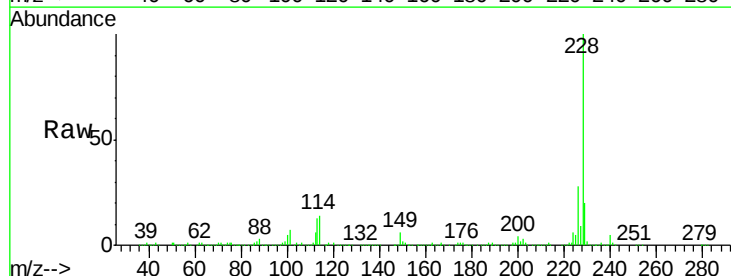
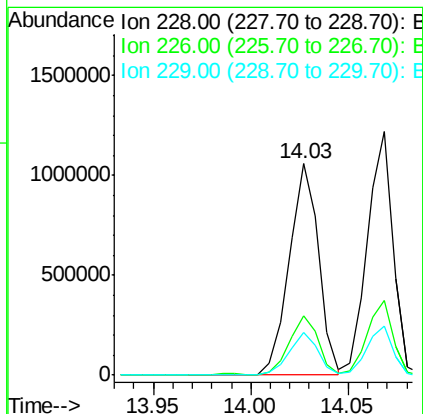
RT: 14.03 min Scan# 2030

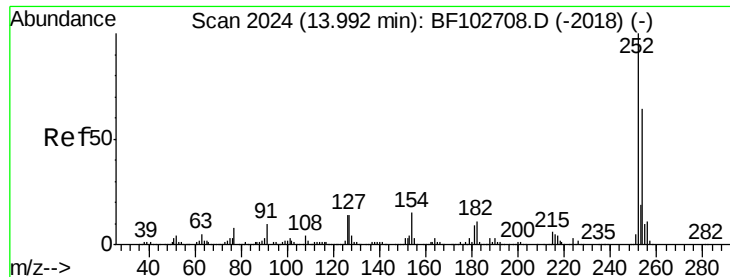
Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Tgt Ion:	228	Resp:	1101670
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.6	33.8
229	20.3	15.8	23.6





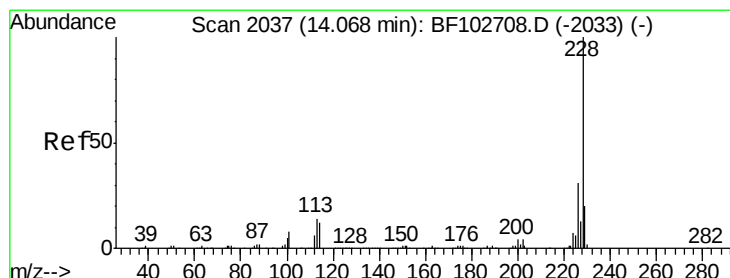
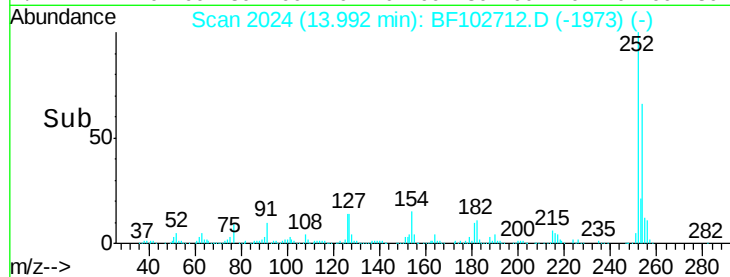
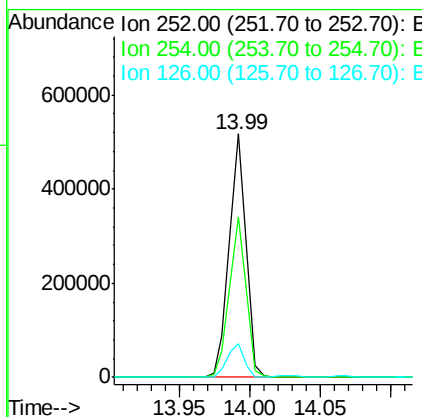
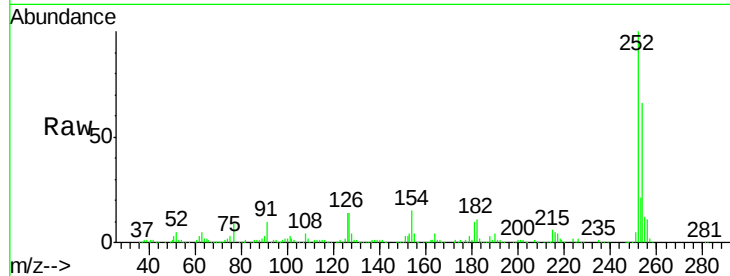
#81
 3,3'-Dichlorobenzidine
 Concen: 38.072 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF102712.D
 Acq: 3 Feb 2018 12:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020318

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.4	75.6
126	13.9	11.3	16.9

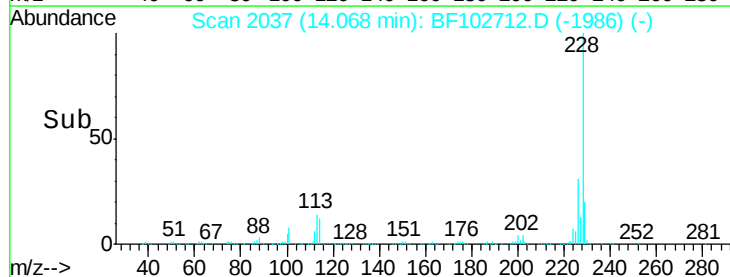
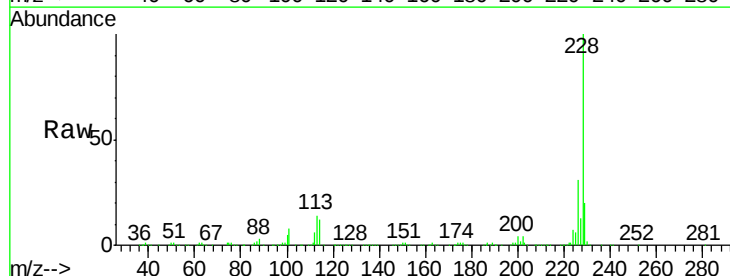
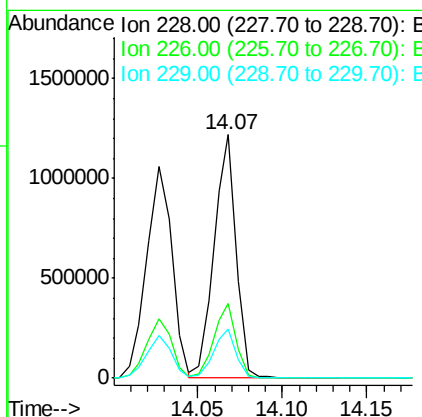
Manual Integrations
 APPROVED

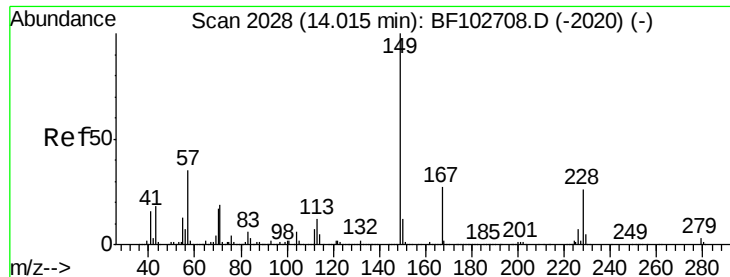
Sohil
 4/13/2018 4:48:05 PM



#82
 Chrysene
 Concen: 36.038 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BF102712.D
 Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.315 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Instrument :

BNA_F

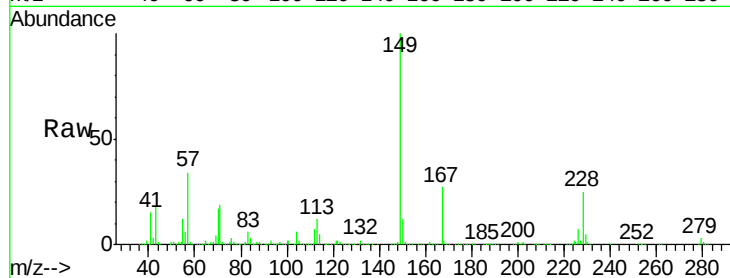
ClientSampleId :

ICVBF020318

Tot Ion:	149	Resp:	897343
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.3	31.9
279	3.3	3.0	4.4

Manual Integrations
APPROVED

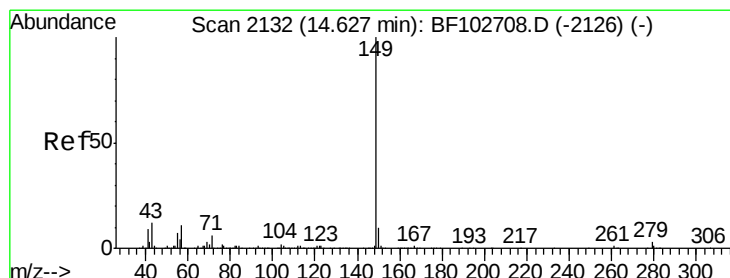
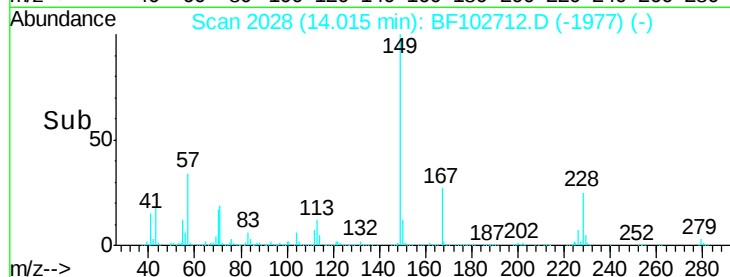
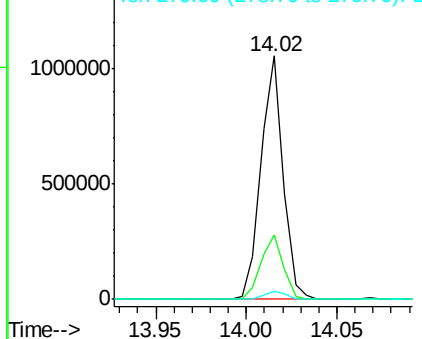
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.539 ng

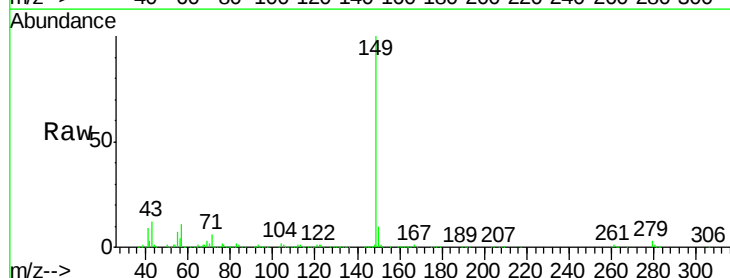
RT: 14.63 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

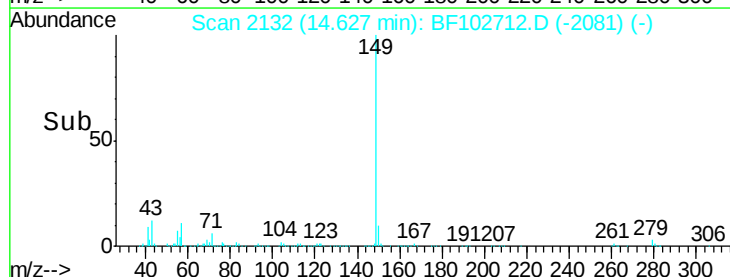
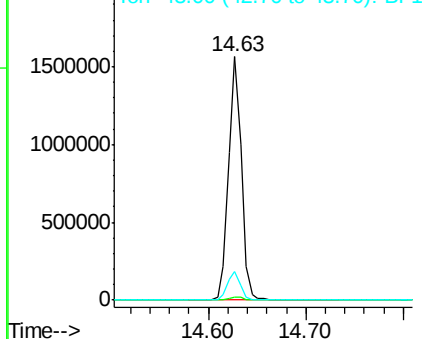
Tgt Ion:	149	Resp:	1425597
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	12.0	8.4	12.6

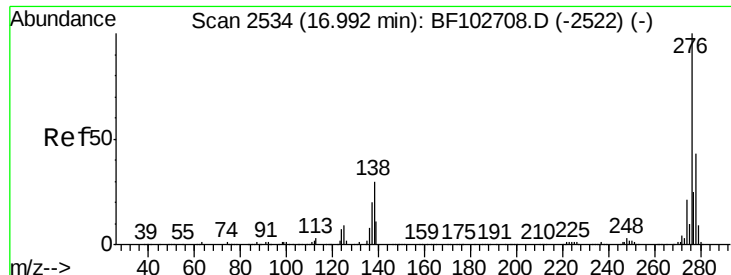


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





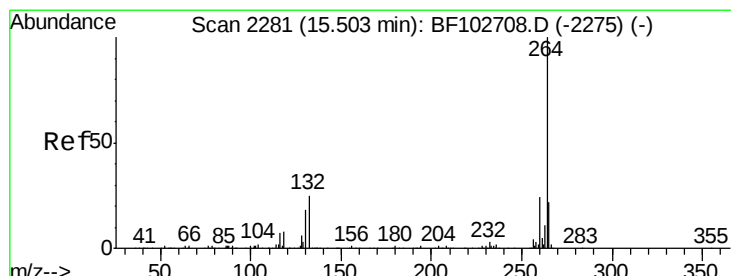
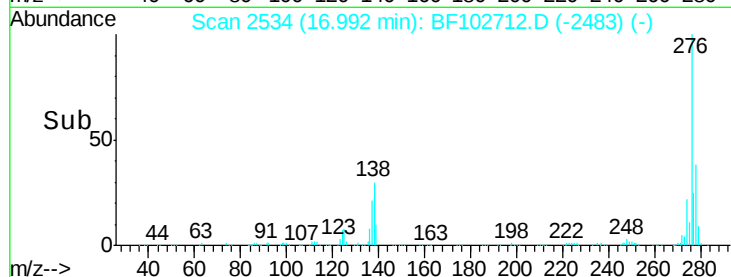
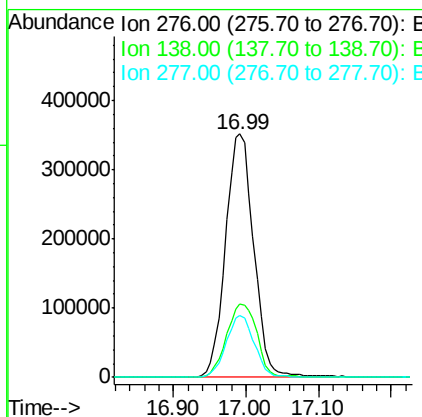
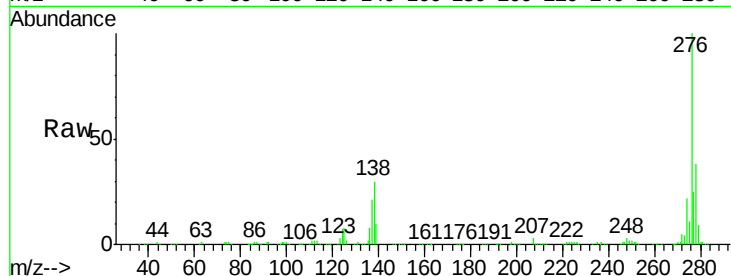
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.090 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.0	37.6
277	25.3	20.1	30.1

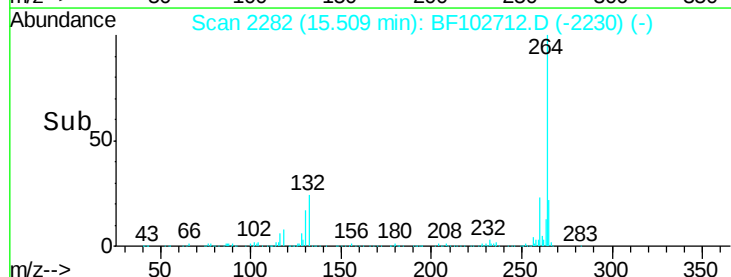
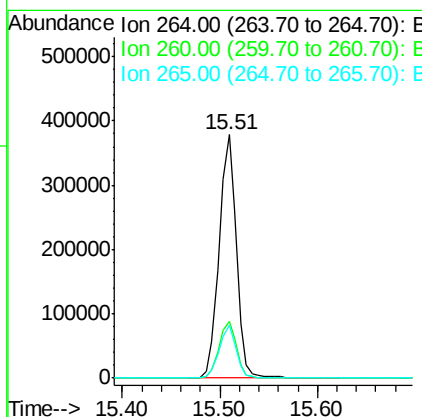
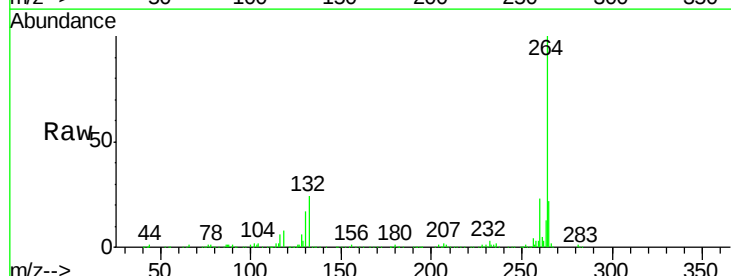
Manual Integrations
APPROVED

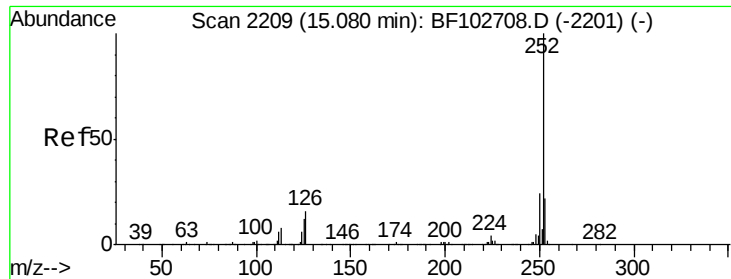
Sohil
4/13/2018 4:48:05 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	17.5	26.3





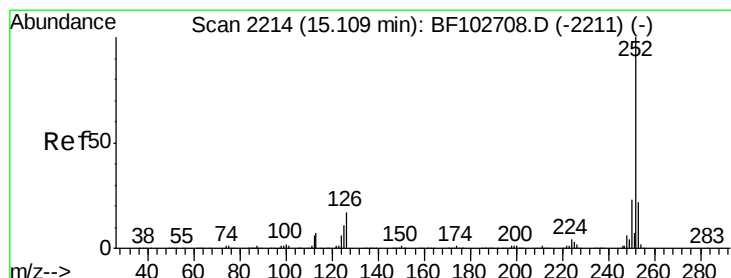
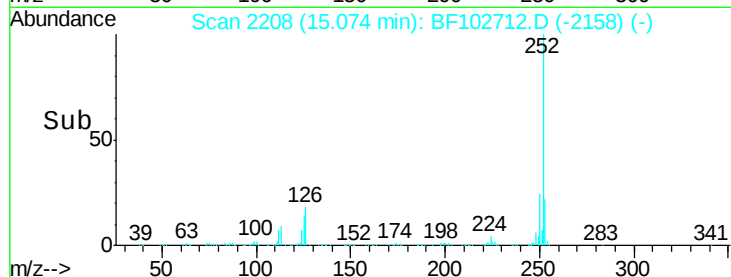
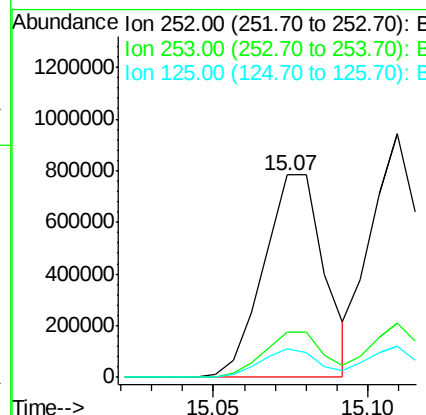
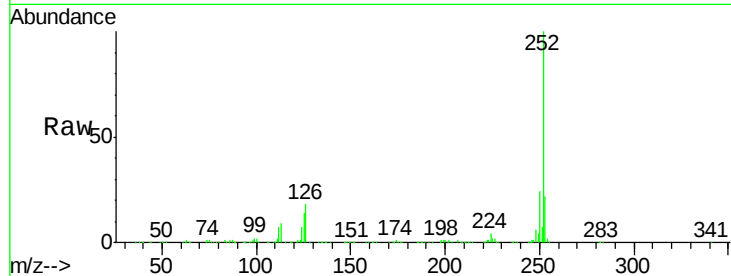
#87
Benzo(b)fluoranthene
Concen: 35.376 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	14.2	9.0	13.6

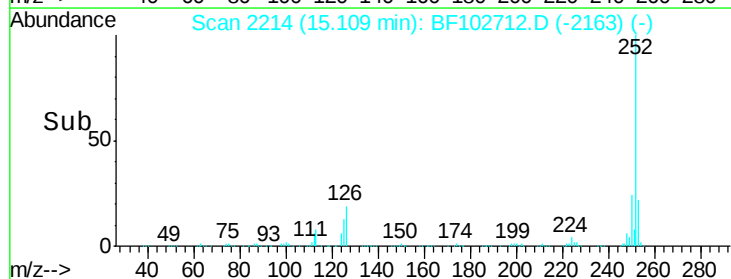
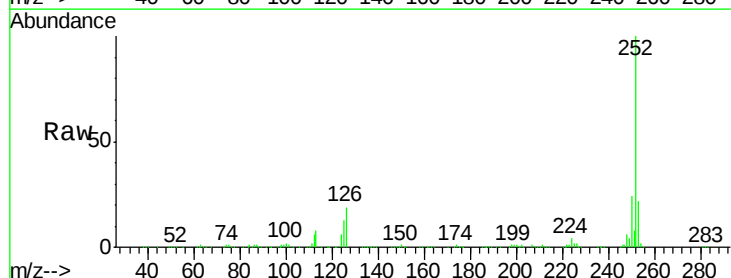
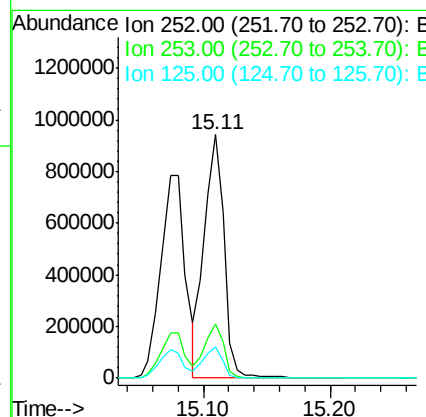
Manual Integrations
APPROVED

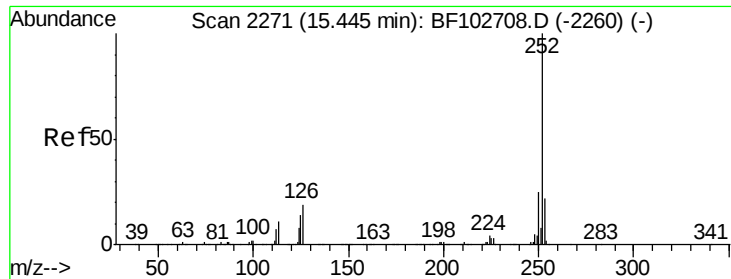
Sohil
4/13/2018 4:48:05 PM



#88
Benzo(k)fluoranthene
Concen: 35.353 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	12.9	10.2	15.2





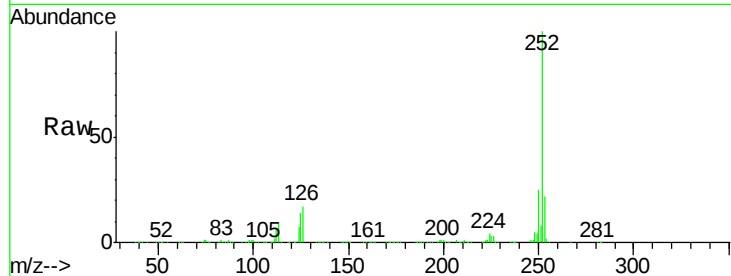
#89
Benzo(a)pyrene
Concen: 35.935 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	13.5	9.8	14.6

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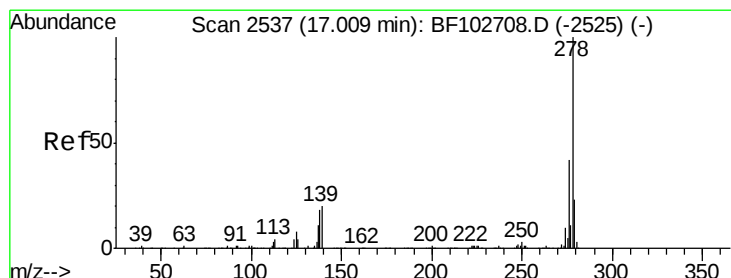
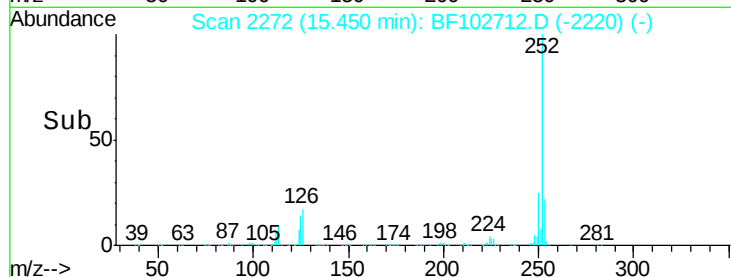
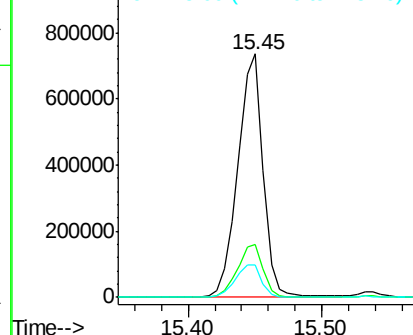


Abundance

Ion 252.00 (251.70 to 252.70): E

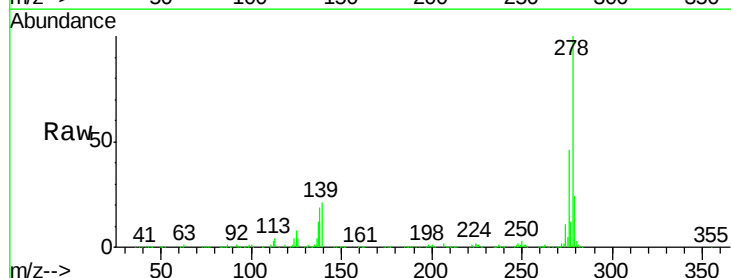
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 36.096 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.00 min
Lab File: BF102712.D
Acq: 3 Feb 2018 12:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.9	23.9
279	23.8	19.0	28.4

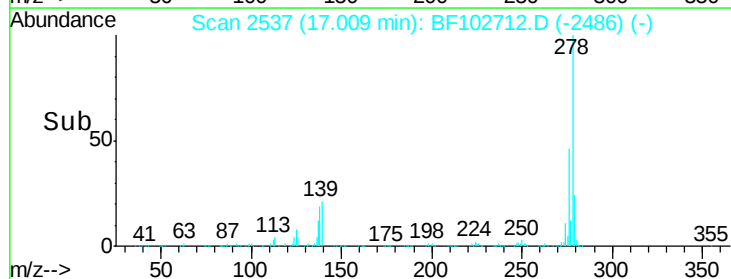
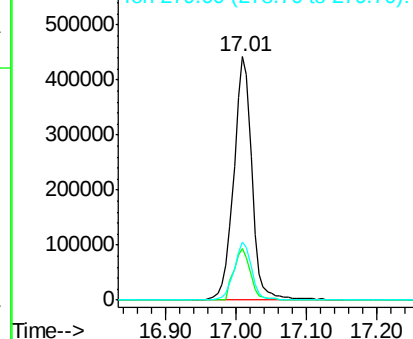


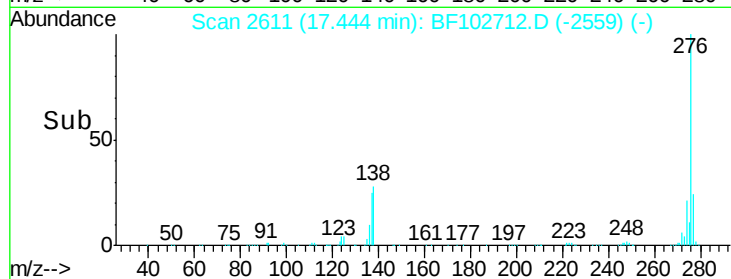
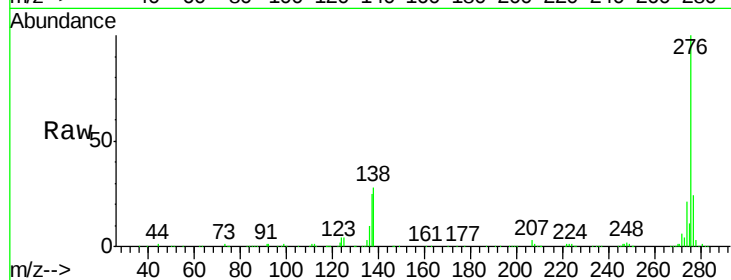
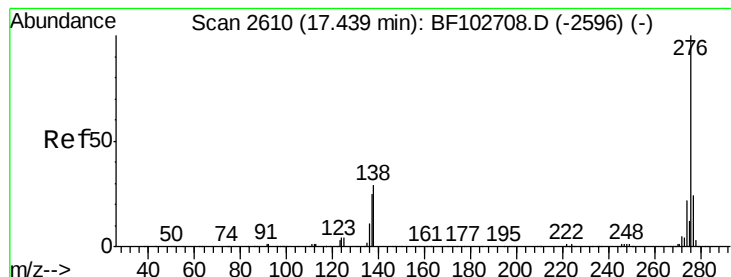
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.355 ng

RT: 17.44 min Scan# 2611

Delta R.T. 0.01 min

Lab File: BF102712.D

Acq: 3 Feb 2018 12:41

Tot Ion:	276	Resp:	782172
Ion Ratio		Lower	Upper
276	100		
277	24.4	17.9	26.9
138	28.3	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

ICVBF020318

Manual Integrations
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