

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022018\
 Data File : BF103122.D
 Acq On : 20 Feb 2018 18:31
 Operator : SJ/JU
 Sample : J1624-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Manual Integrations
 APPROVED

Sohil
 2/21/2018 10:10:33 AM

Quant Time: Feb 21 09:11:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	182631	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	803235	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	372036	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	638747	20.00	ng	0.00
75) Chrysene-d12	14.05	240	365001	20.00	ng	0.00
86) Perylene-d12	15.54	264	338093	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1433658	119.22	ng	0.02
7) Phenol-d6	6.52	99	1789274	123.57	ng	0.01
23) Nitrobenzene-d5	7.45	82	1202433	103.85	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	373521	124.74	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1729698	77.15	ng	0.00
78) Terphenyl-d14	12.99	244	1489134	96.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	224543	37.803	ng	89
3) Pyridine	3.49	79	622706	37.945	ng	93
4) n-Nitrosodimethylamine	3.44	42	328320	46.760	ng	99
6) Aniline	6.55	93	692991	32.408	ng	95
8) 2-Chlorophenol	6.67	128	546215	44.119	ng	97
9) Benzaldehyde	6.43	77	359775	33.458	ng	99
10) Phenol	6.53	94	682416	43.976	ng	86
11) bis(2-Chloroethyl)ether	6.62	93	563125	43.611	ng	95
12) 1,3-Dichlorobenzene	6.82	146	568164	39.629	ng	98
13) 1,4-Dichlorobenzene	6.89	146	572638	40.096	ng	99
14) 1,2-Dichlorobenzene	7.05	146	524924	39.462	ng	97
15) Benzyl Alcohol	7.02	79	479262	43.051	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	961842	39.212	ng	99
17) 2-Methylphenol	7.13	107	490150	42.920	ng	97
18) Hexachloroethane	7.39	117	207468	42.363	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	381122	39.921	ng	99
20) 3+4-Methylphenols	7.29	107	527538	37.459	ng	# 73
22) Acetophenone	7.29	105	714223	36.336	ng	# 86
24) Nitrobenzene	7.46	77	622703	45.721	ng	98
25) Isophorone	7.70	82	1190818	44.663	ng	98
26) 2-Nitrophenol	7.77	139	327324	56.602	ng	96
27) 2,4-Dimethylphenol	7.82	122	509385	45.221	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	733060	46.413	ng	99
29) 2,4-Dichlorophenol	8.02	162	470690	45.966	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	452216	39.037	ng	98
31) Naphthalene	8.19	128	1551654	39.538	ng	100
32) Benzoic acid	7.93	122	215796	32.275	ng	99
33) 4-Chloroaniline	8.23	127	419023	24.785	ng	98
34) Hexachlorobutadiene	8.29	225	223244	37.608	ng	98
35) Caprolactam	8.62	113	169250m	47.593	ng	
36) 4-Chloro-3-methylphenol	8.72	107	538559	46.809	ng	99
37) 2-Methylnaphthalene	8.87	142	1026092	39.935	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	396307	39.122	ng	99
40) Hexachlorocyclopentadiene	9.02	237	258352	53.650	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	302711	45.496	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	327098	43.618	ng	99
45) 1,1'-Biphenyl	9.34	154	1168782	37.299	ng	99
46) 2-Chloronaphthalene	9.36	162	978352	39.658	ng	99
47) 2-Nitroaniline	9.46	65	384104	50.280	ng	90
48) Acenaphthylene	9.78	152	1454320	37.956	ng	99
49) Dimethylphthalate	9.64	163	1364765	47.047	ng	99
50) 2,6-Dinitrotoluene	9.70	165	271958	49.278	ng	93
51) Acenaphthene	9.95	154	835899	36.480	ng	99
52) 3-Nitroaniline	9.87	138	248400	36.579	ng	97
53) 2,4-Dinitrophenol	9.99	184	205421	96.560	ng	# 18
54) Dibenzofuran	10.13	168	1221136	37.815	ng	97
55) 4-Nitrophenol	10.05	139	426457	76.599	ng	96
56) 2,4-Dinitrotoluene	10.12	165	336533	45.629	ng	95
57) Fluorene	10.47	166	958540	40.798	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	242320	46.621	ng	99
59) Diethylphthalate	10.34	149	1149661	40.137	ng	98
60) 4-Chlorophenyl-phenylether	10.46	204	429274	41.302	ng	97
61) 4-Nitroaniline	10.50	138	315839	48.863	ng	95
62) Azobenzene	10.62	77	1138797	39.798	ng	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	152342	54.680	ng	86
65) n-Nitrosodiphenylamine	10.58	169	896316	39.782	ng	100
66) 4-Bromophenyl-phenylether	10.95	248	272805	40.375	ng	96
67) Hexachlorobenzene	11.02	284	288106	38.651	ng	98
68) Atrazine	11.10	200	286293	43.073	ng	96
69) Pentachlorophenol	11.22	266	274575	62.751	ng	98
70) Phenanthrene	11.43	178	1333882	37.496	ng	100
71) Anthracene	11.49	178	1405699	38.851	ng	100
72) Carbazole	11.64	167	1360767	38.389	ng	99
73) Di-n-butylphthalate	11.96	149	1772265	41.159	ng	100
74) Fluoranthene	12.62	202	1293074	36.128	ng	99
76) Benzidine	12.74	184	452396	26.968	ng	98
77) Pyrene	12.85	202	1289033	45.037	ng	100
79) Butylbenzylphthalate	13.46	149	707913	51.628	ng	98
80) Benzo(a)anthracene	14.04	228	984054	42.869	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	303713	35.684	ng	98
82) Chrysene	14.08	228	910958	39.367	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	967281	55.168	ng	99
84) Di-n-octyl phthalate	14.63	149	1519709	57.725	ng	100
85) Indeno(1,2,3-cd)pyrene	17.06	276	937289	48.838	ng	99
87) Benzo(b)fluoranthene	15.11	252	901114	41.110	ng	99
88) Benzo(k)fluoranthene	15.14	252	776568	37.078	ng	99
89) Benzo(a)pyrene	15.48	252	817138	41.415	ng	97
90) Dibenzo(a,h)anthracene	17.07	278	764990	47.768	ng	100
91) Benzo(g,h,i)perylene	17.52	276	791355	50.485	ng	98

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

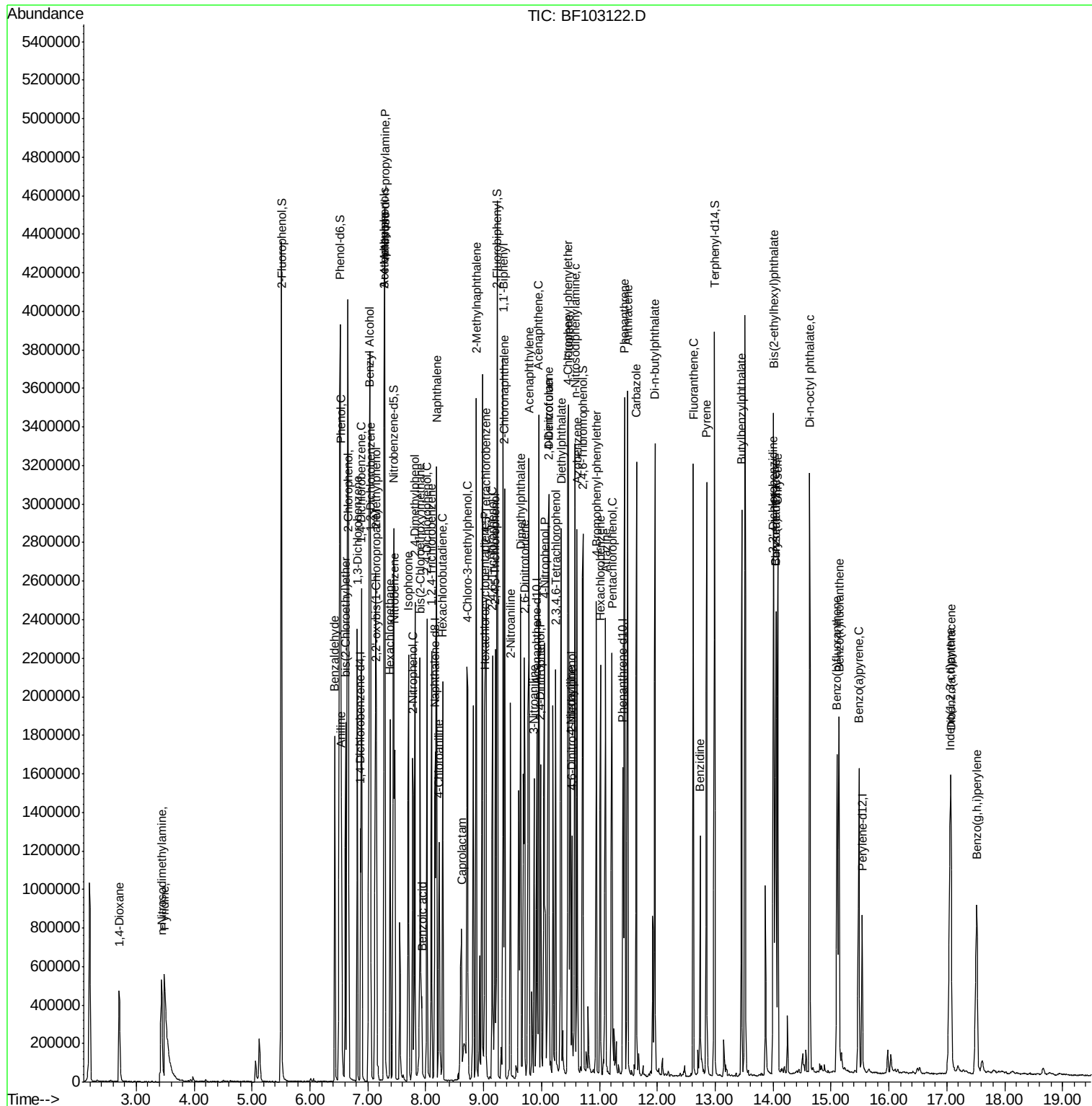
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022018\
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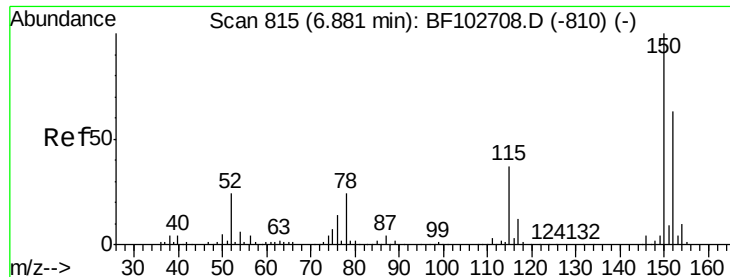
Instrument :
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 ClientSampled :
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#1

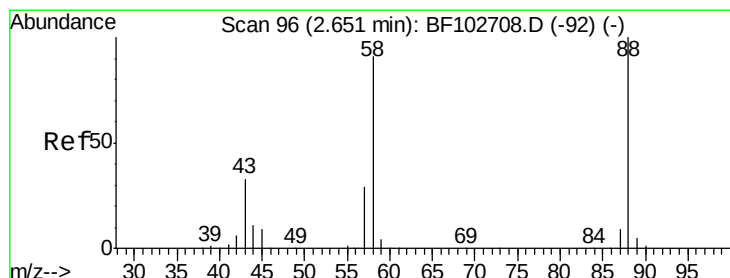
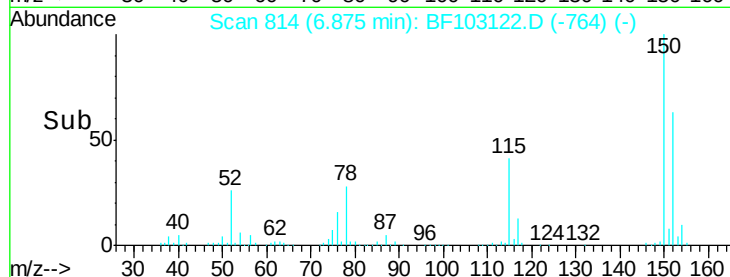
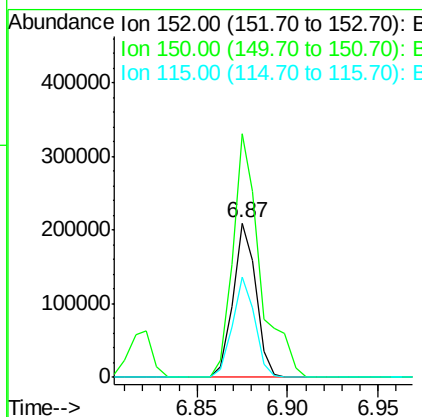
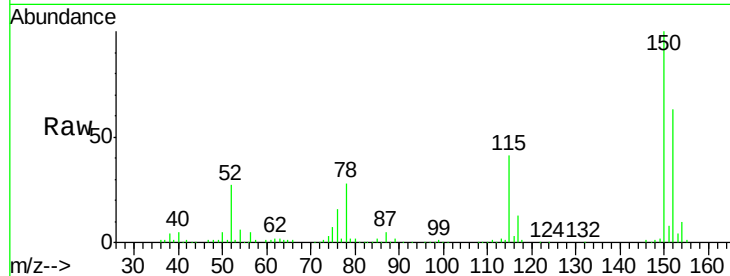
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	65.1	50.1	75.1

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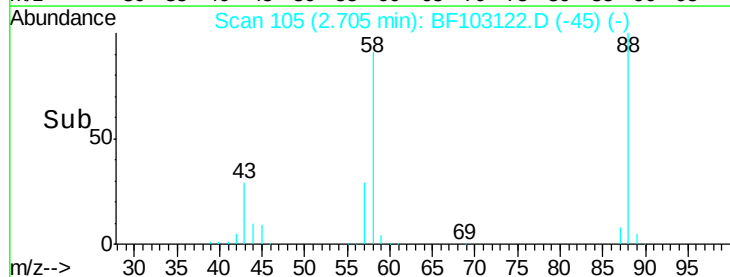
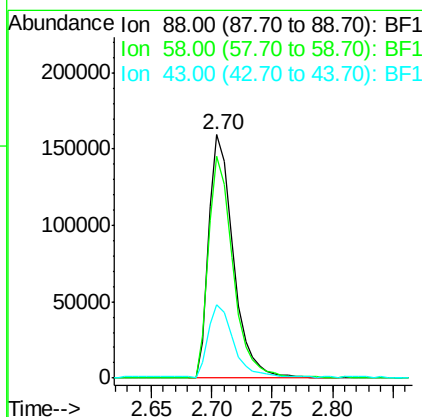
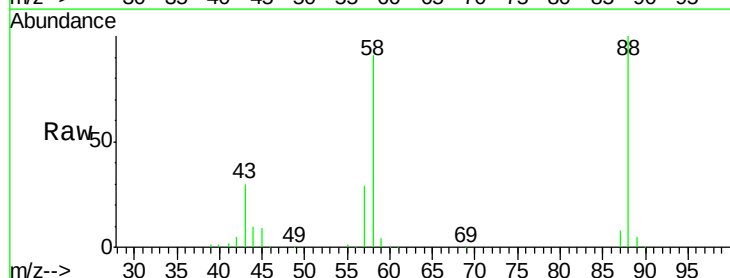
Sohil
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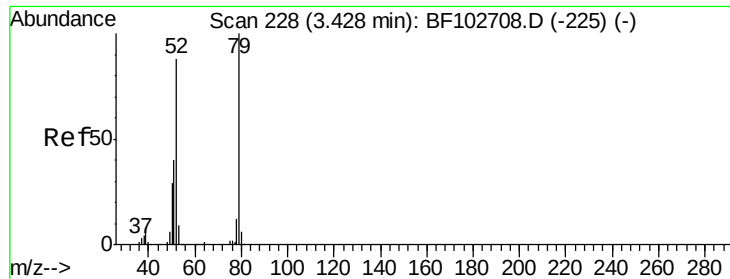


#2

1,4-Dioxane
Concen: 37.803 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.05 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.4	62.6	93.8
43	30.4	24.6	37.0





#3

Pvridine

Concen: 37.945 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.06 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

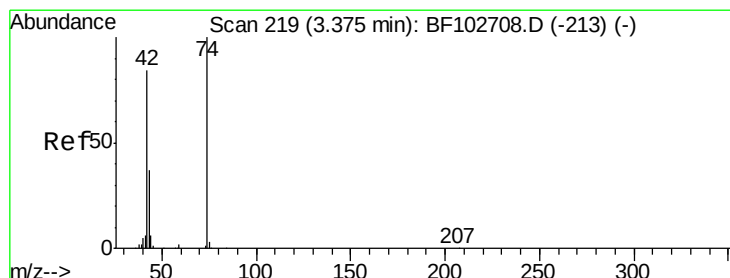
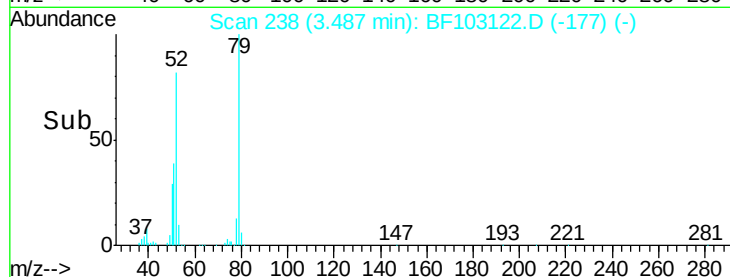
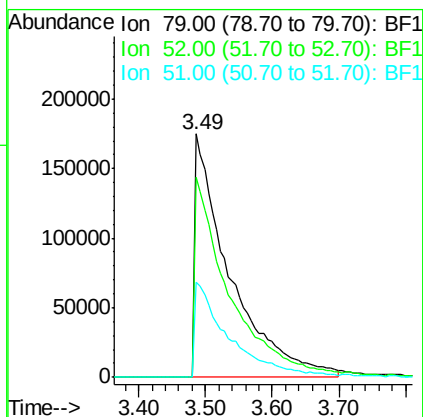
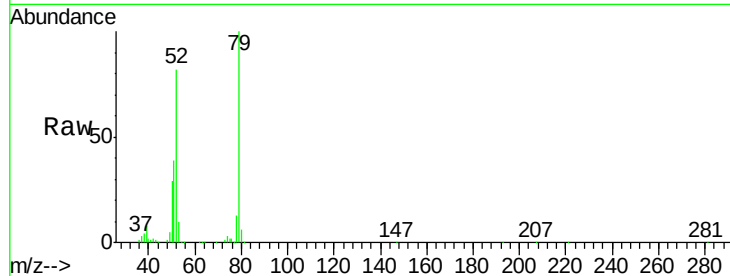
ClientSampleId :

TP-3MS

Tot Ion:	79	Resp:	622706
Ion Ratio	Lower	Upper	
79	100		
52	82.4	59.8	89.6
51	39.0	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 46.760 ng

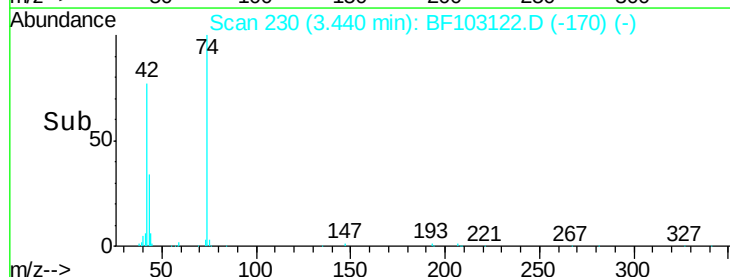
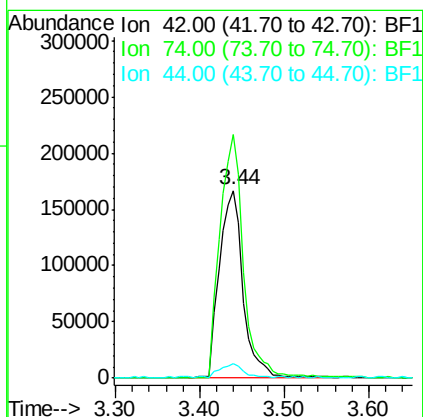
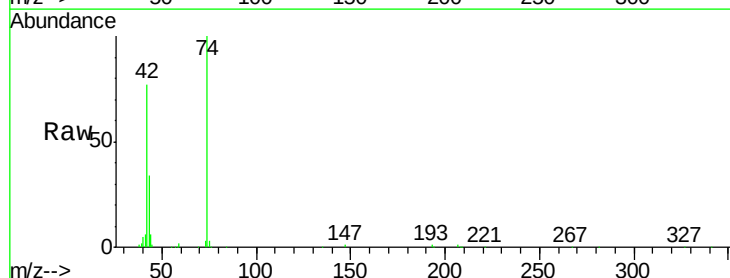
RT: 3.44 min Scan# 230

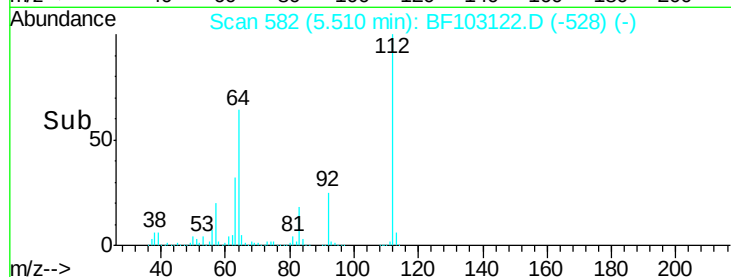
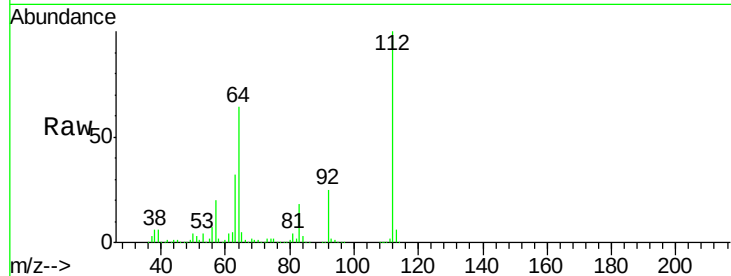
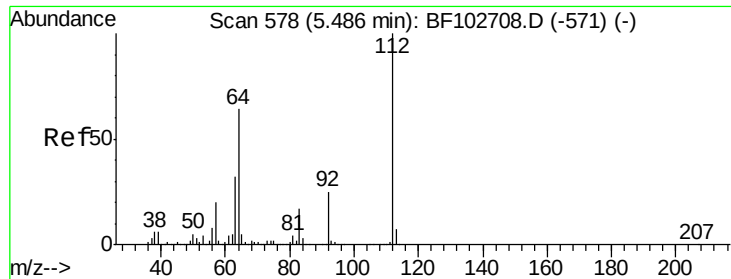
Delta R.T. 0.05 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Tgt Ion:	42	Resp:	328320
Ion Ratio	Lower	Upper	
42	100		
74	129.8	104.9	157.3
44	7.9	6.9	10.3





#5

2-Fluorophenol

Concen: 119.216 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Tot Ion: 112 Resp: 1433658

Ion Ratio Lower Upper

112 100

64 63.5 47.9 71.9

63 32.0 23.7 35.5

Instrument :

BNA_F

ClientSampleId :

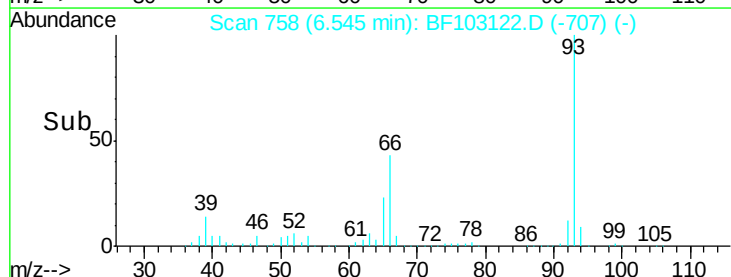
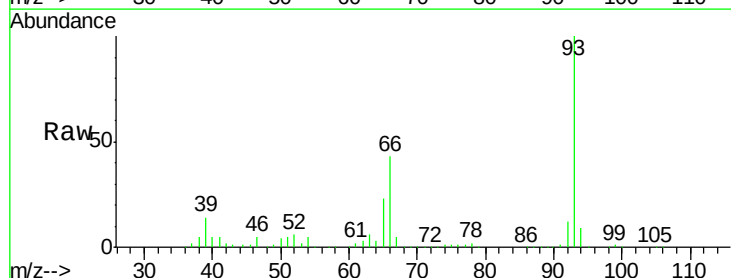
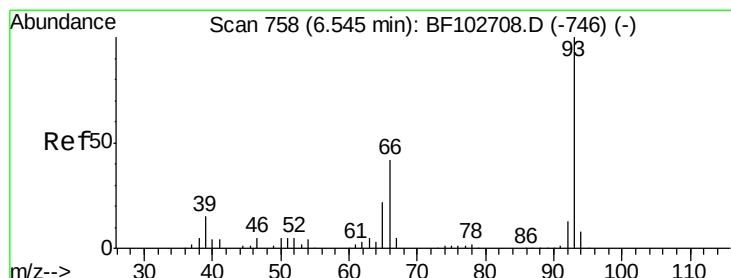
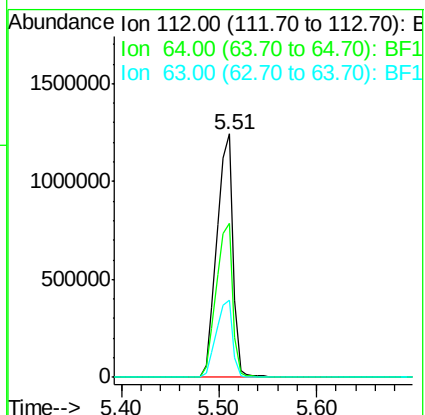
TP-3MS

Manual Integrations

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#6

Aniline

Concen: 32.408 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

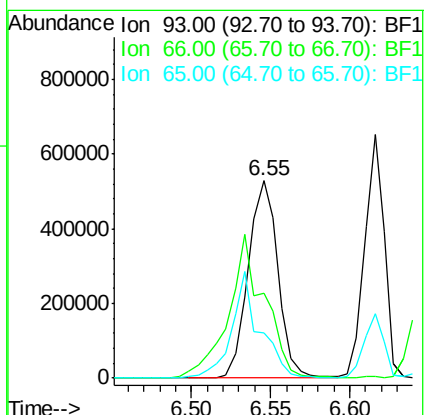
Tgt Ion: 93 Resp: 692991

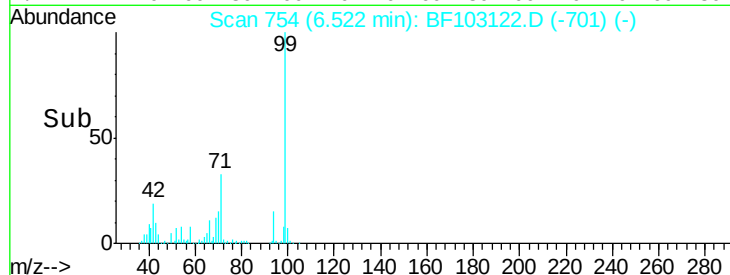
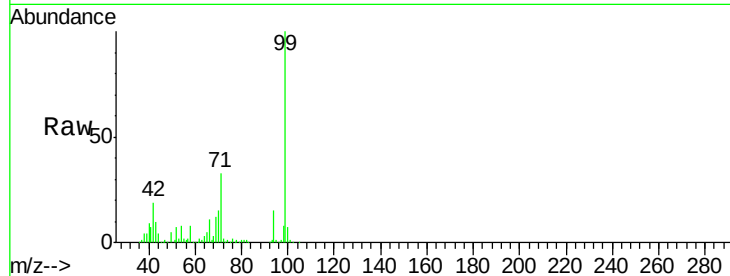
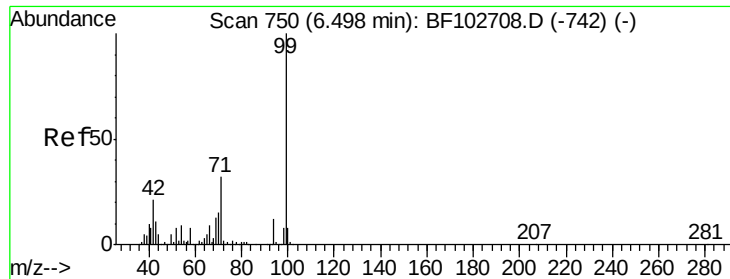
Ion Ratio Lower Upper

93 100

66 43.0 32.2 48.2

65 22.8 16.4 24.6





#7

Phenol-d6

Concen: 123.570 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Tot Ion:	99	Resp:	1789274
Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	33.3	25.4	38.0

Instrument :

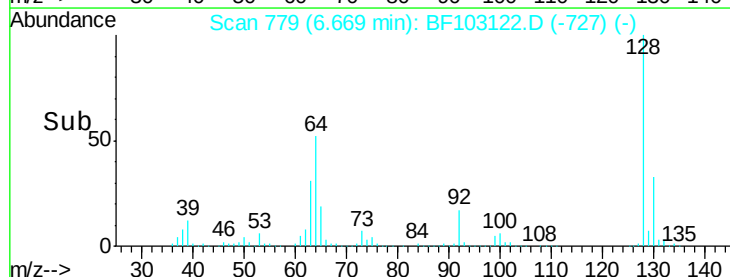
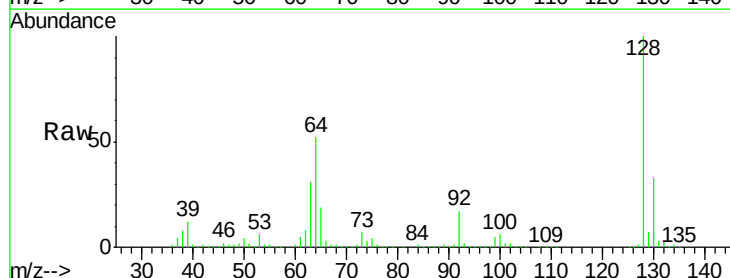
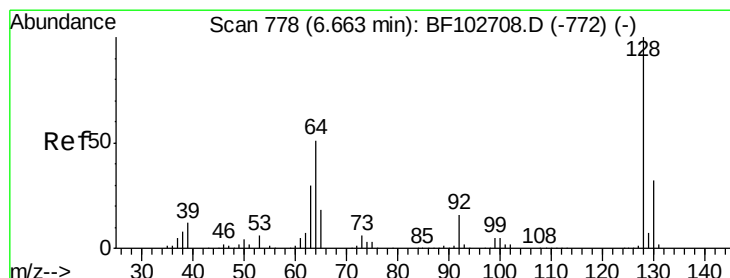
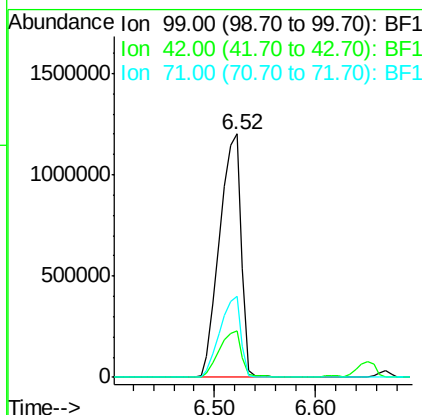
BNA_F

ClientSampled :

TP-3MS

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.119 ng

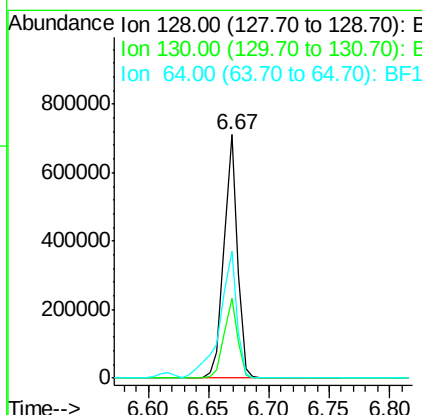
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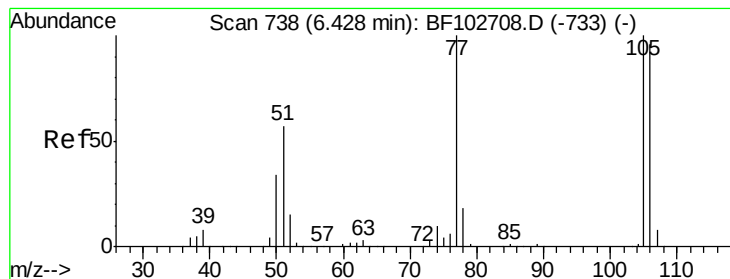
Delta R.T. 0.01 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Tgt Ion:	128	Resp:	546215
Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.0	53.0
64	52.2	29.4	69.4





#9

Benzaldehyde

Concen: 33.458 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

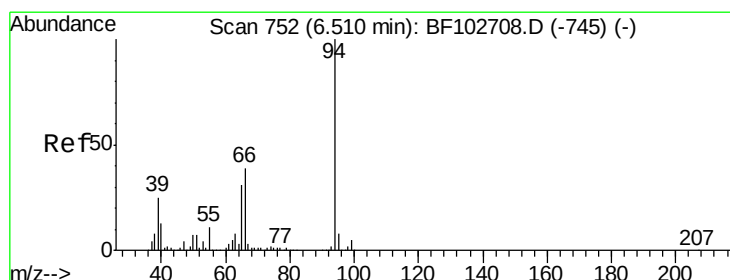
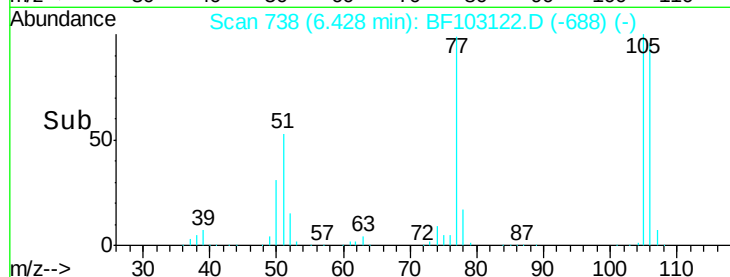
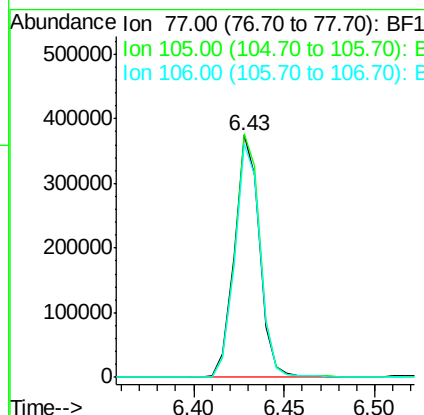
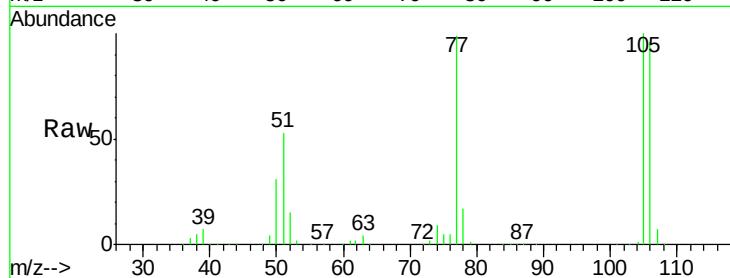
ClientSampled :

TP-3MS

Tot Ion:	77	Resp:	359775
Ion	Ratio	Lower	Upper
77	100		
105	100.6	81.1	121.1
106	96.6	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 43.976 ng

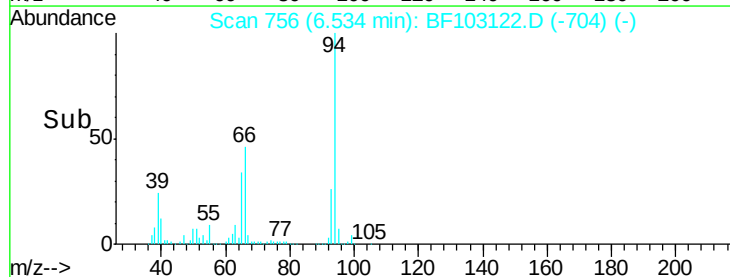
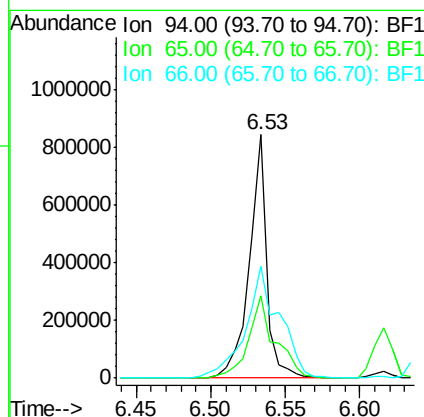
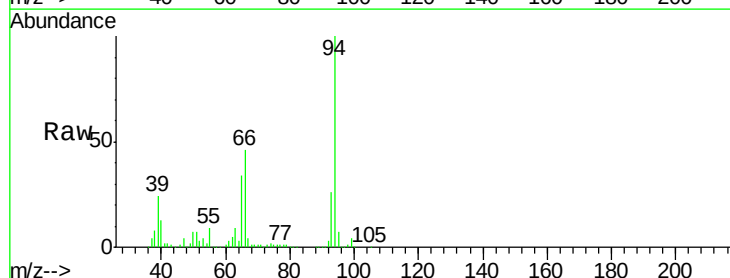
RT: 6.53 min Scan# 756

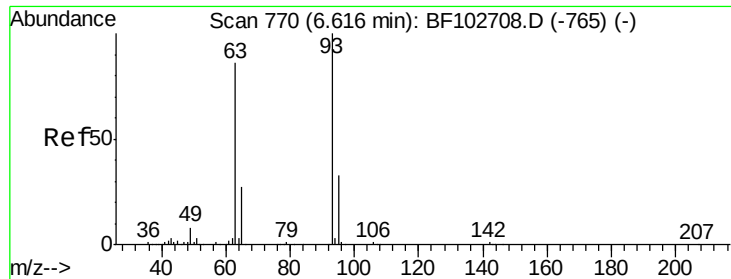
Delta R.T. 0.01 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Tgt Ion:	94	Resp:	682416
Ion	Ratio	Lower	Upper
94	100		
65	34.0	7.9	47.9
66	45.8	16.2	56.2





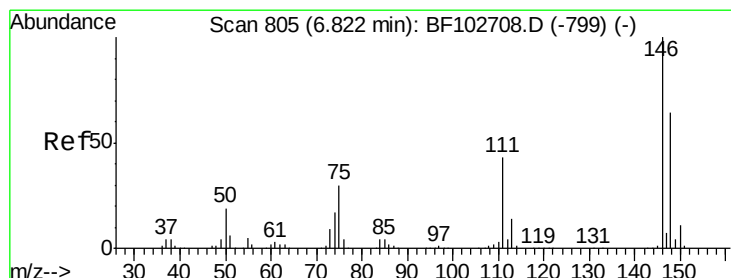
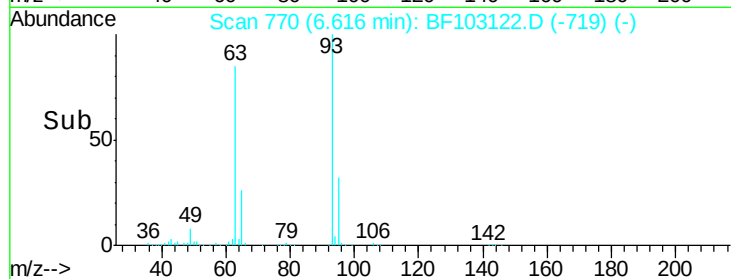
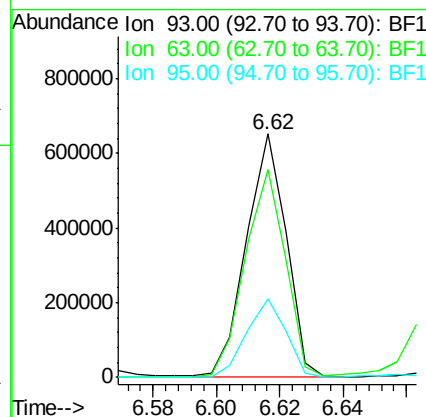
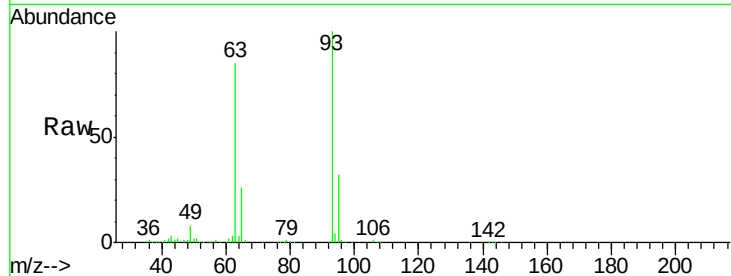
#11
bis(2-Chloroethyl)ether
Concen: 43.611 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		563125		
63	85.1	58.6	98.6		
95	32.1	11.8	51.8		

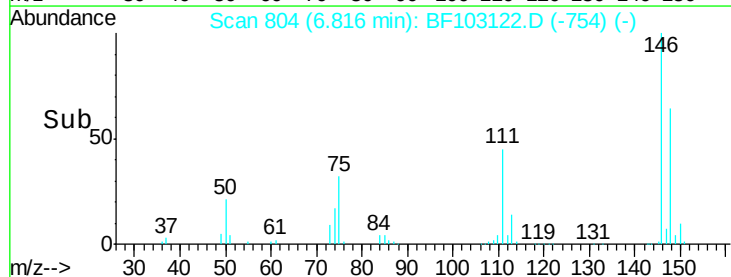
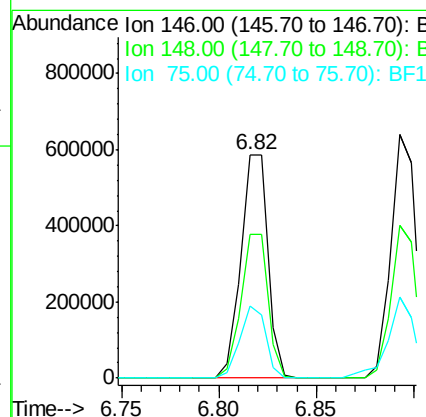
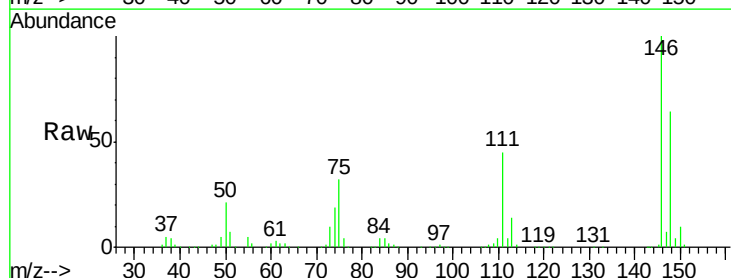
Manual Integrations
APPROVED

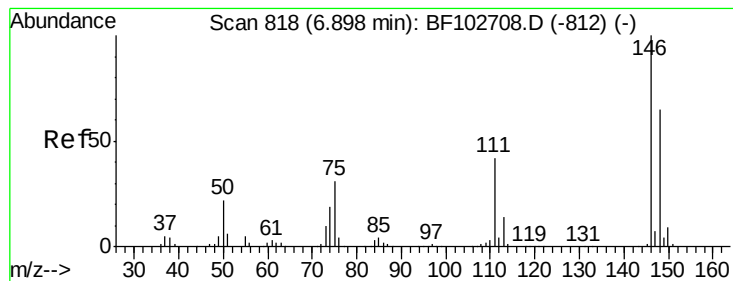
Sohil
2/21/2018 10:10:33 AM



#12
1,3-Dichlorobenzene
Concen: 39.629 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		568164		
148	64.3	51.8	77.8		
75	32.3	24.2	36.4		





#13

1,4-Dichlorobenzene

Concen: 40.096 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

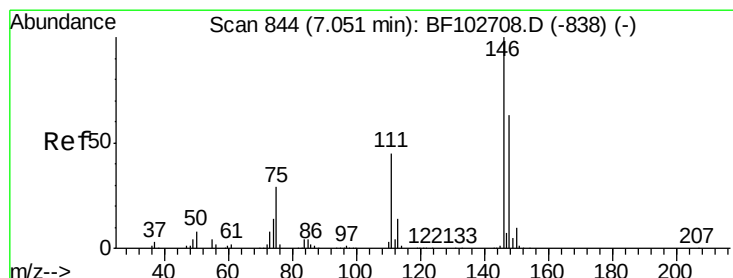
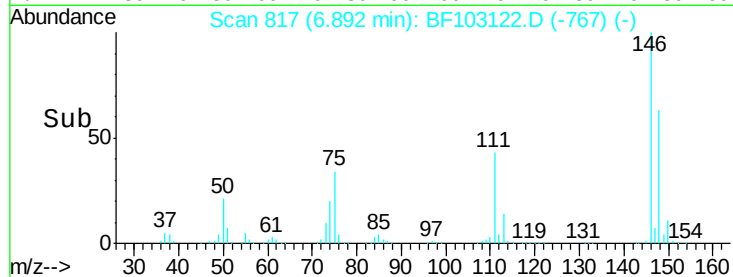
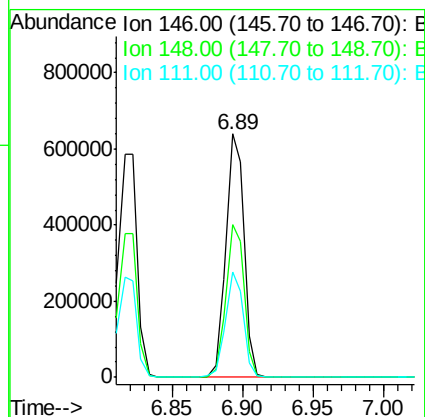
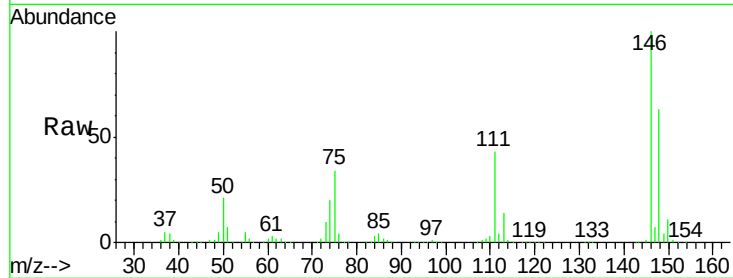
ClientSampled :

TP-3MS

Tot Ion:	146	Resp:	572638
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.8	76.2
111	43.2	34.2	51.2

Manual Integrations
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Sohil
2/21/2018 10:10:33 AM



#14

1,2-Dichlorobenzene

Concen: 39.462 ng

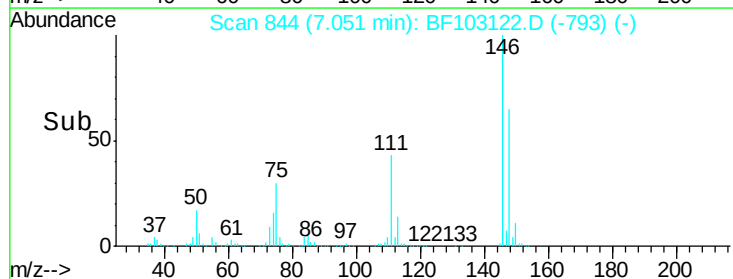
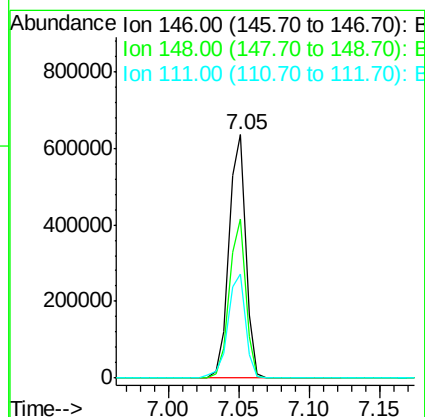
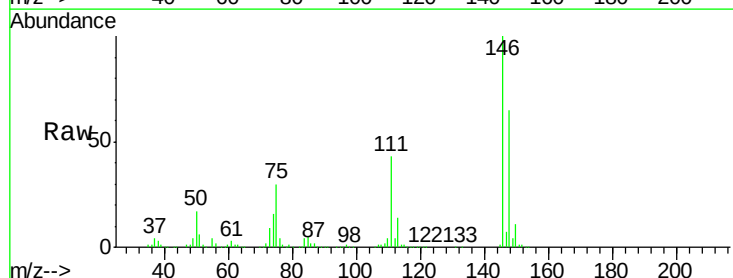
RT: 7.05 min Scan# 844

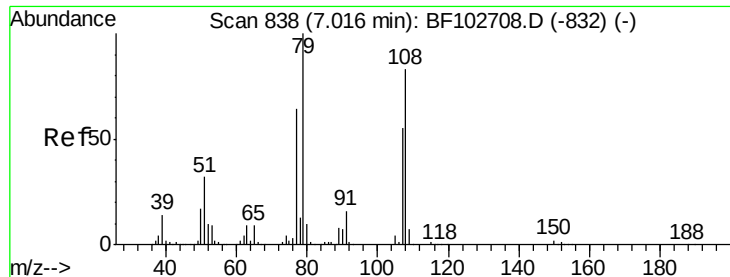
Delta R.T. 0.00 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Tgt Ion:	146	Resp:	524924
Ion Ratio	Lower	Upper	
146	100		
148	65.2	50.6	75.8
111	42.9	36.0	54.0





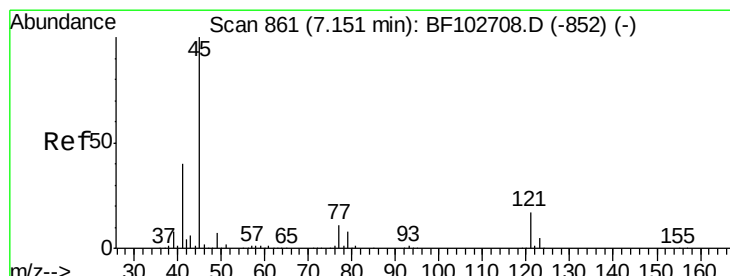
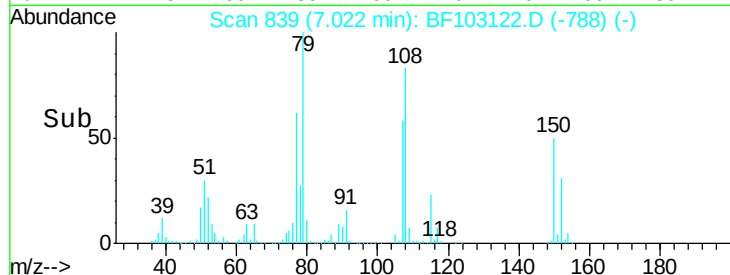
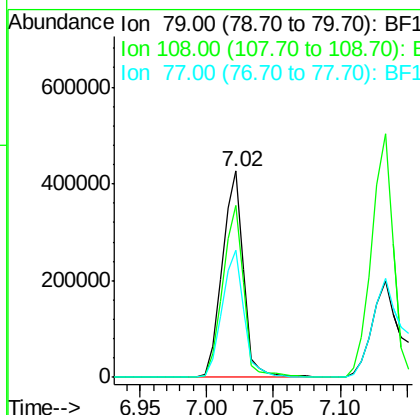
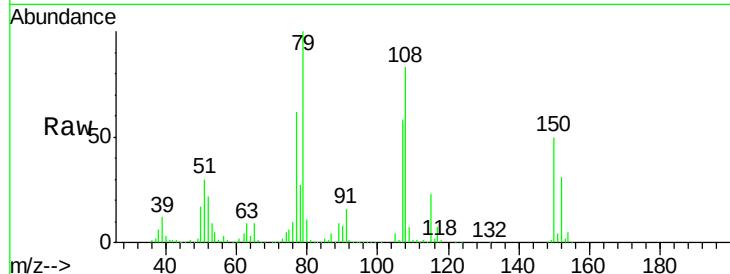
#15
Benzyl Alcohol
Concen: 43.051 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.3	65.1	97.7
77	61.5	50.6	75.8

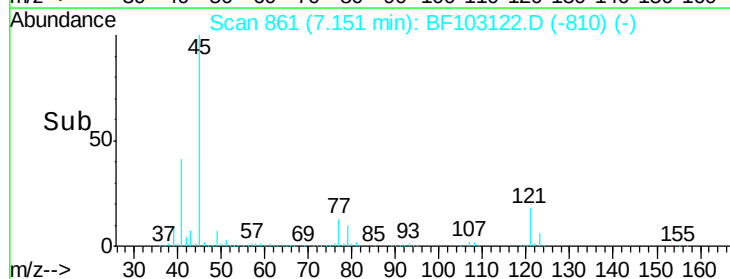
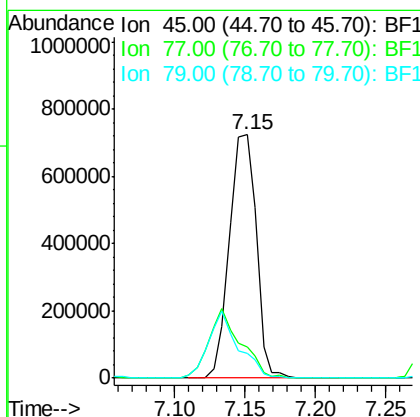
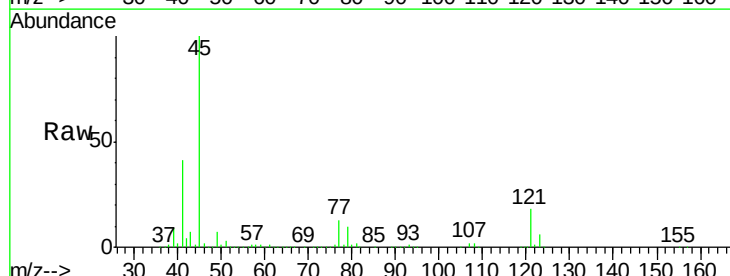
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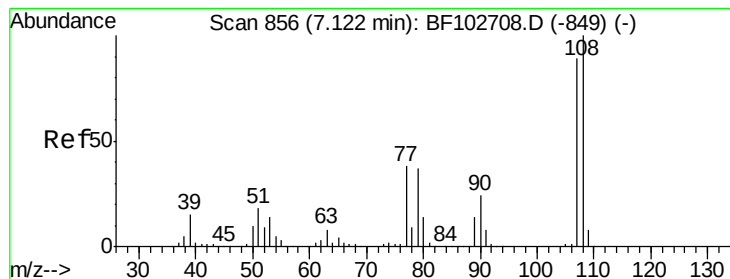
Sohil
2/21/2018 10:10:33 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.212 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	32.9
79	9.9	0.0	29.6





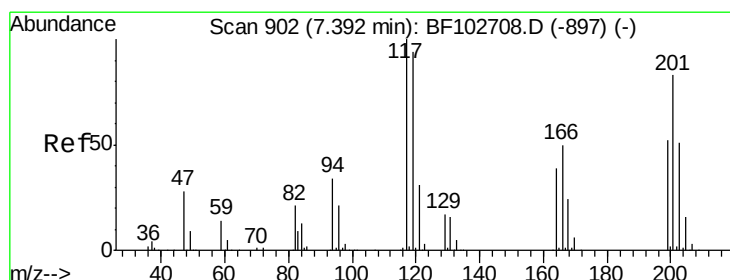
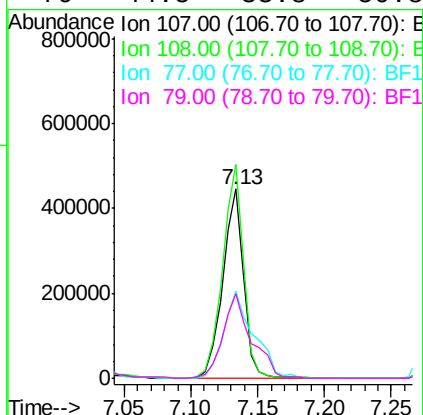
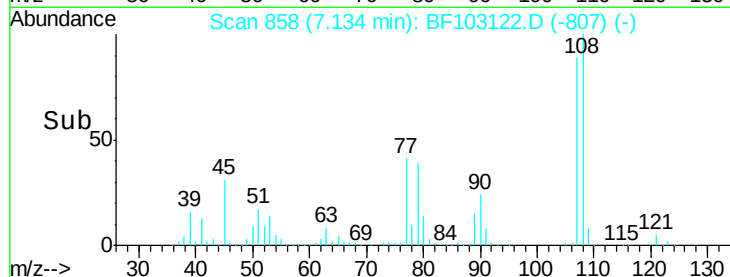
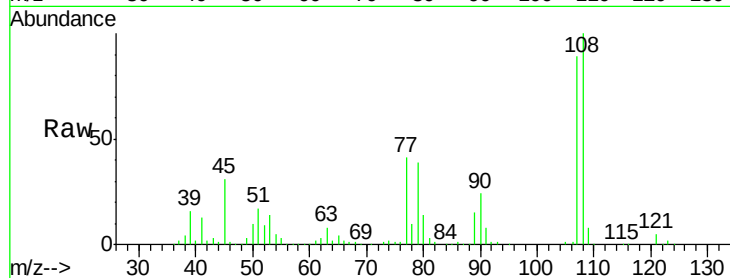
#17
2-Methylphenol
Concen: 42.920 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	91.7	137.5	
77	46.0	33.8	50.8	
79	44.5	33.8	50.8	

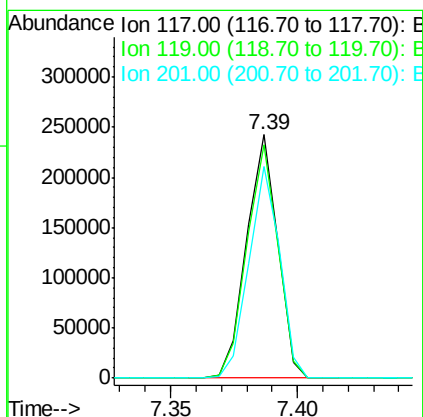
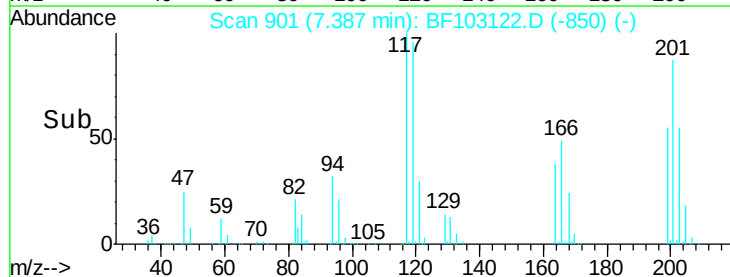
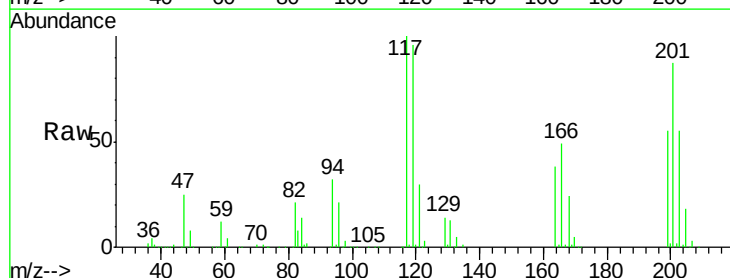
Manual Integrations
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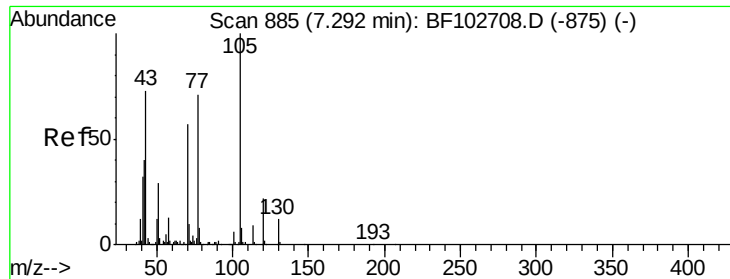
Sohil
2/21/2018 10:10:33 AM



#18
Hexachloroethane
Concen: 42.363 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	75.8	113.8	
201	86.8	75.7	113.5	





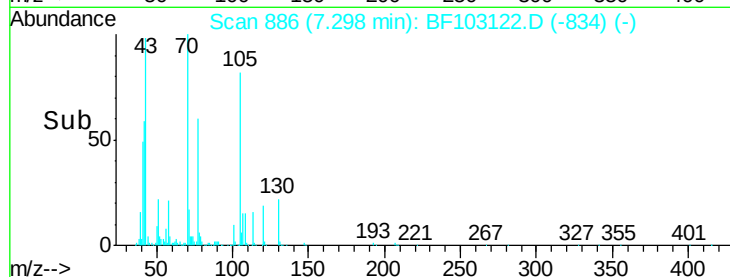
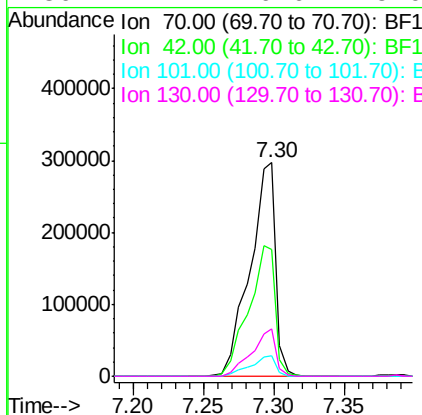
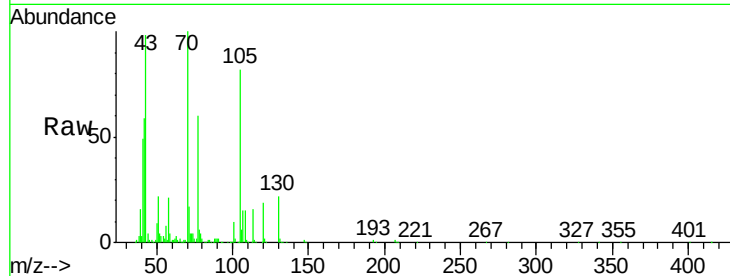
#19
n-Nitroso-di-n-propylamine
Concen: 39.921 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.5	47.5	71.3
101	9.8	7.4	11.2
130	22.4	16.6	25.0

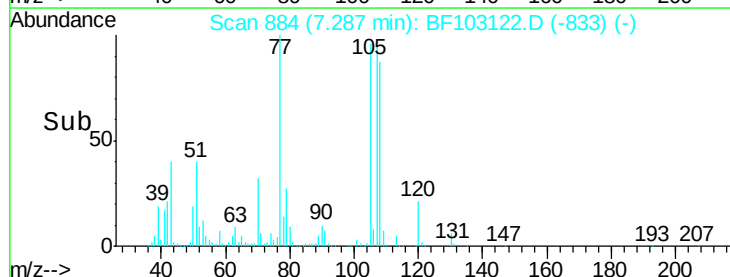
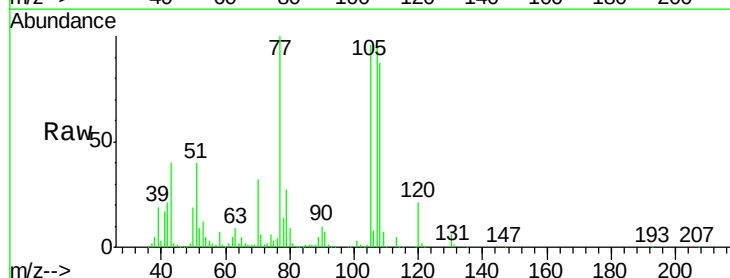
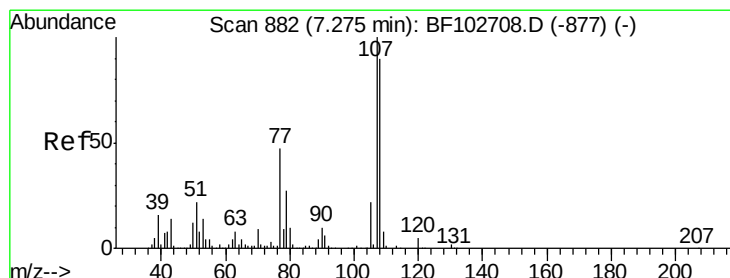
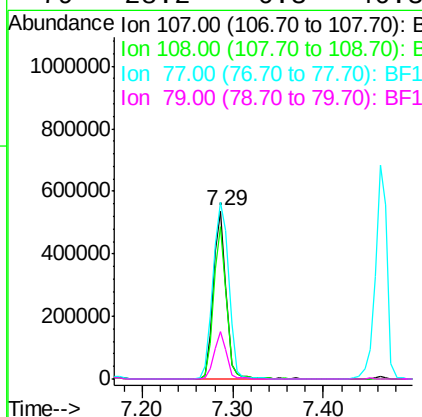
Manual Integrations
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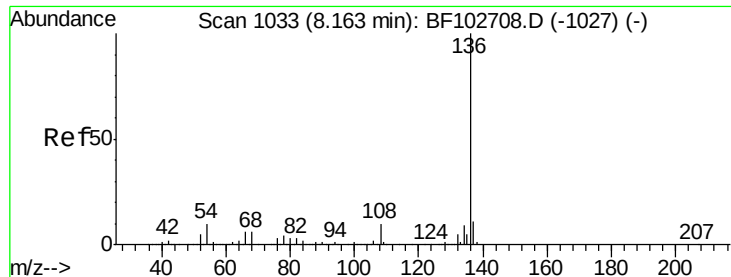
Sohil
2/21/2018 10:10:33 AM



#20
3+4-Methylphenols
Concen: 37.459 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.2	108.2
77	104.8	26.7	66.7#
79	28.2	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: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

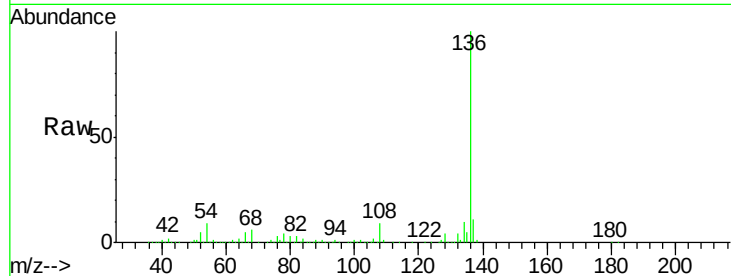
ClientSampleId :

TP-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		803235		
137	10.8		8.9	13.3	
54	9.0		6.6	9.8	
68	6.3		5.0	7.4	

Manual Integrations
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Sohil
2/21/2018 10:10:33 AM



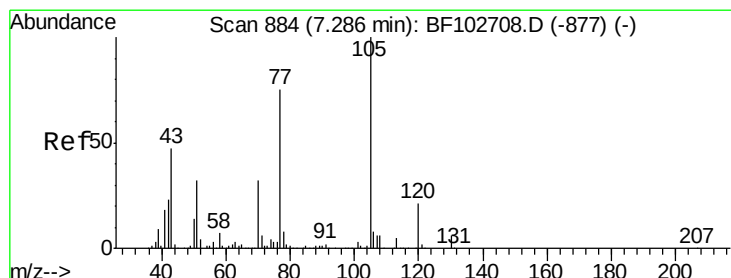
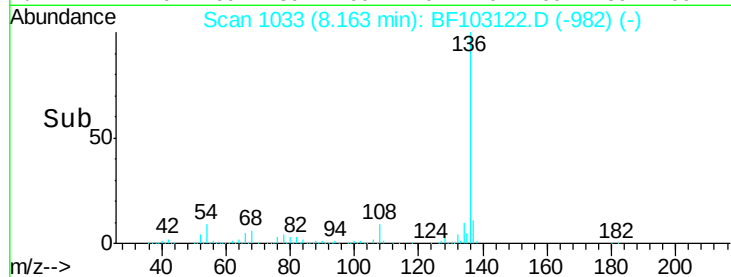
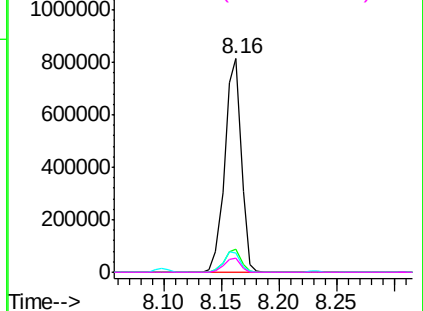
Abundance

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: 36.336 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		714223		
71	5.8		4.4	6.6	
51	41.7		22.3	33.5	
120	21.4		16.9	25.3	

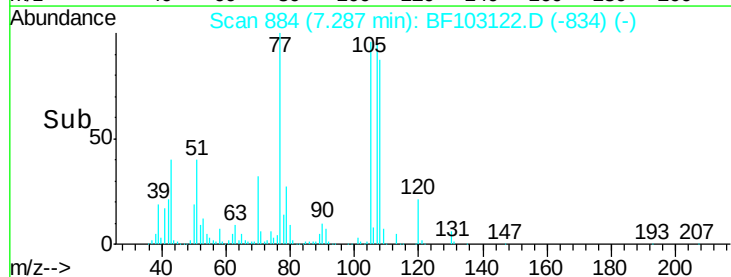
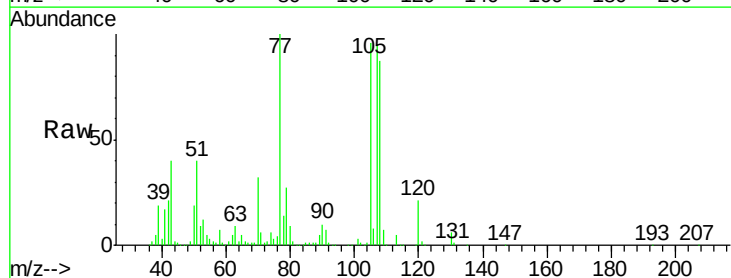
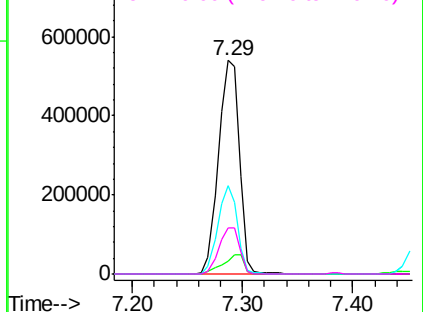
Abundance

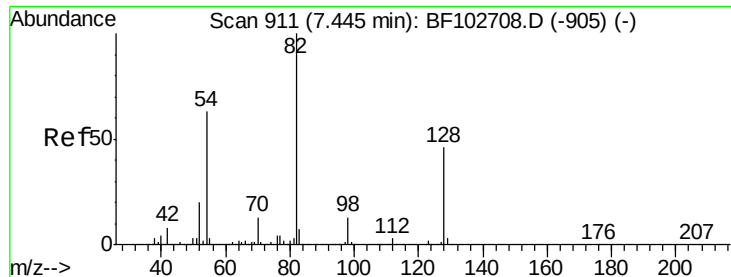
Ion 105.00 (104.70 to 105.70): E

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





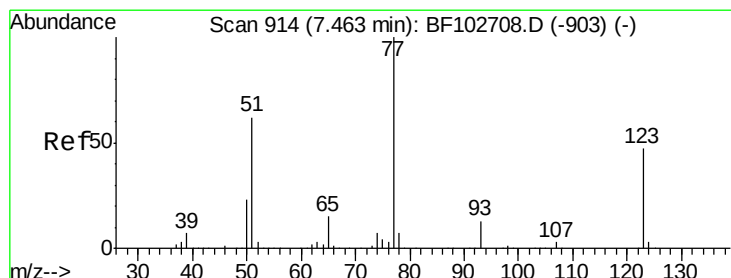
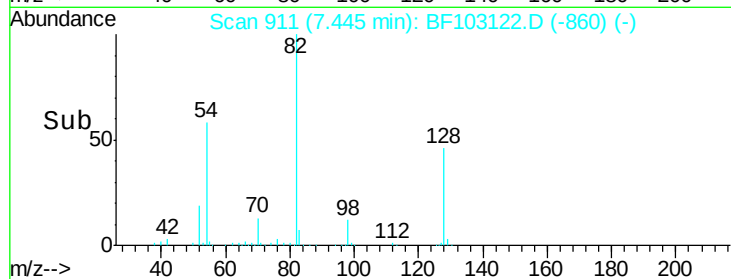
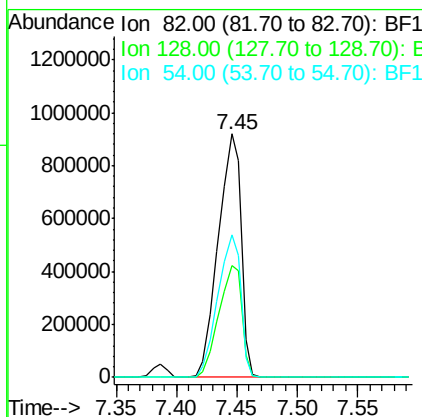
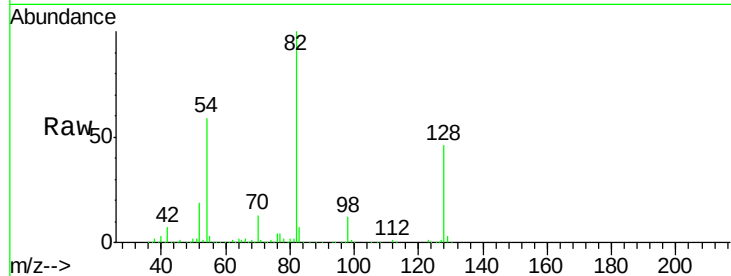
#23
Nitrobenzene-d5
Concen: 103.847 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	82	Resp	1202433
Ion Ratio	100	Lower	Upper
128	45.8	36.1	54.1
54	58.8	41.4	62.2

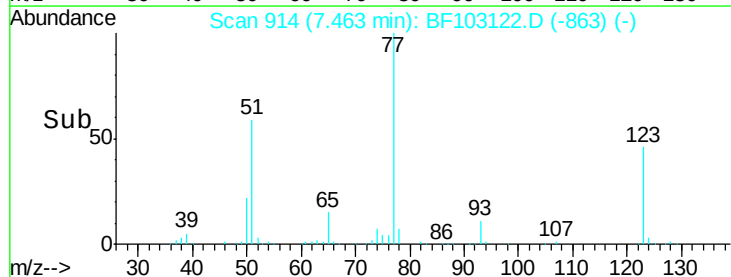
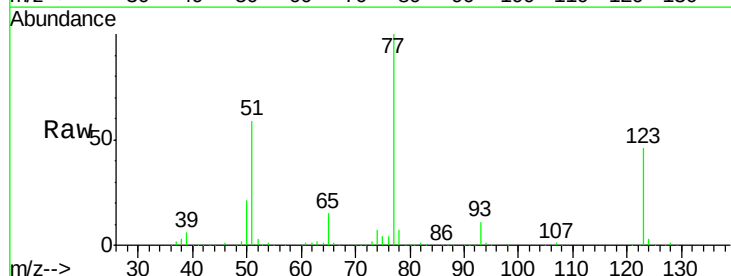
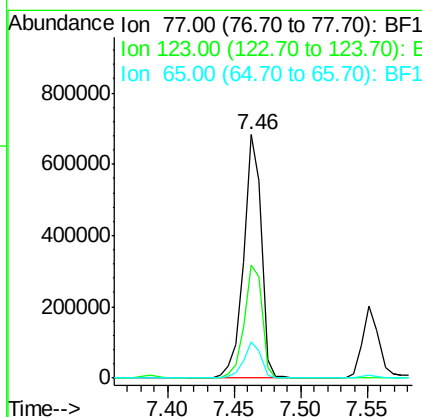
Manual Integrations
APPROVED

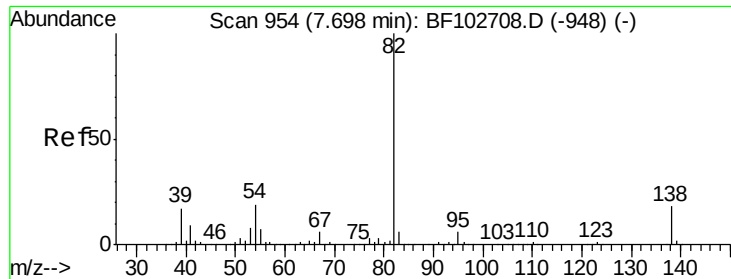
Sohil
2/21/2018 10:10:33 AM



#24
Nitrobenzene
Concen: 45.721 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	77	Resp	622703
Ion Ratio	100	Lower	Upper
123	46.4	37.9	56.9
65	14.8	11.0	16.4





#25

Isophorone

Concen: 44.663 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tot Ion: 82 Resp: 1190818

Ion Ratio Lower Upper

82 100

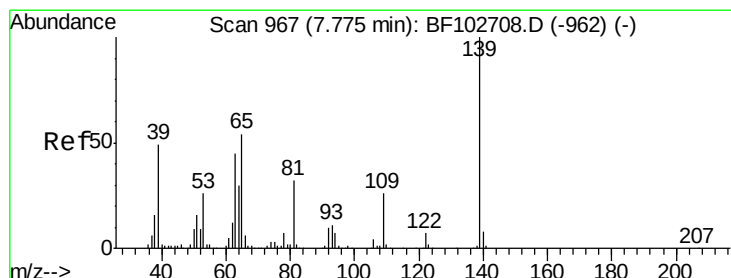
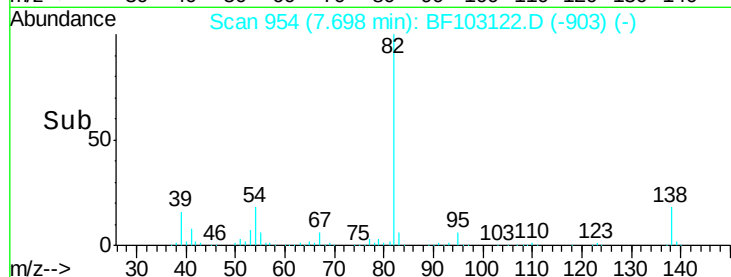
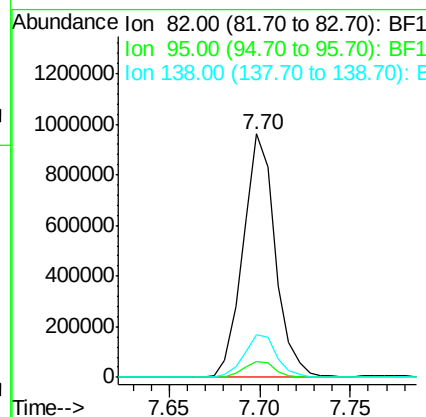
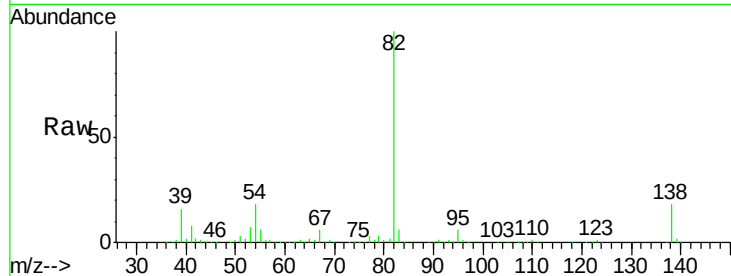
95 6.4 5.2 7.8

138 17.6 14.9 22.3

Manual Integrations
APPROVED

Sohil

2/21/2018 10:10:33 AM



#26

2-Nitrophenol

Concen: 56.602 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

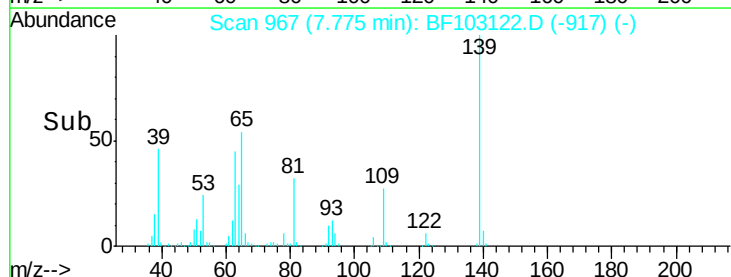
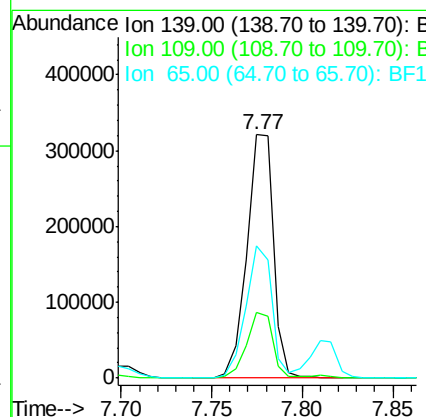
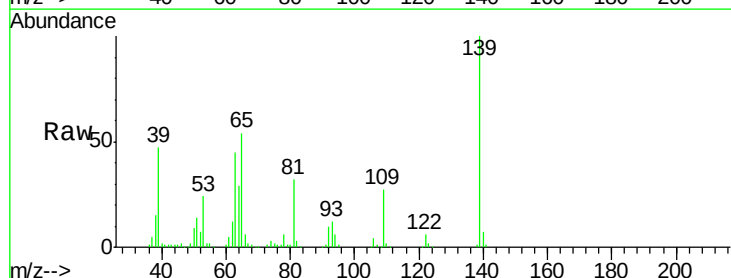
Tgt Ion: 139 Resp: 327324

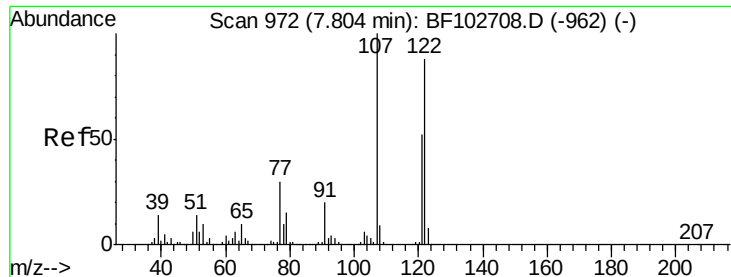
Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

65 54.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 45.221 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

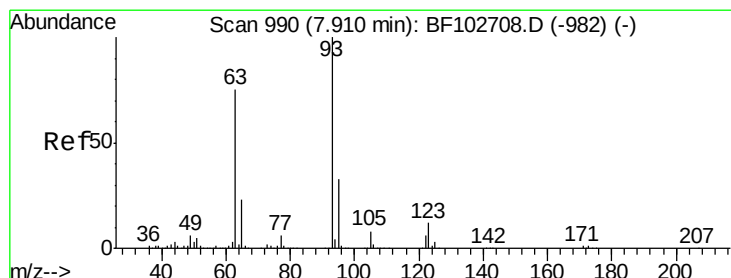
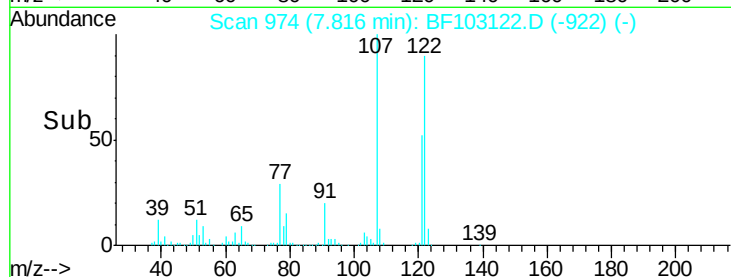
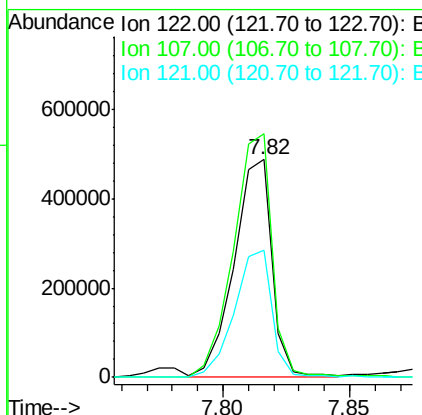
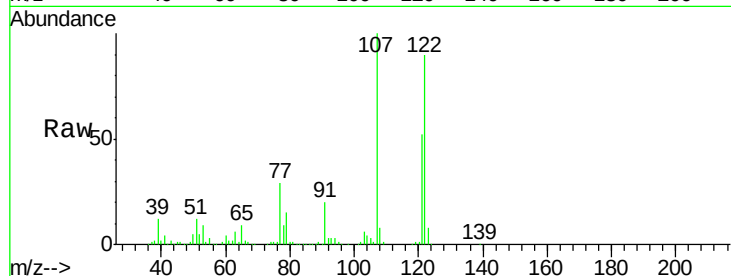
ClientSampled :

TP-3MS

Tot Ion:	122	Resp:	509385
Ion Ratio	Lower	Upper	
122	100		
107	111.7	91.2	136.8
121	58.5	47.2	70.8

Manual Integrations
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Sohil
2/21/2018 10:10:33 AM



#28

bis(2-Chloroethoxy)methane

Concen: 46.413 ng

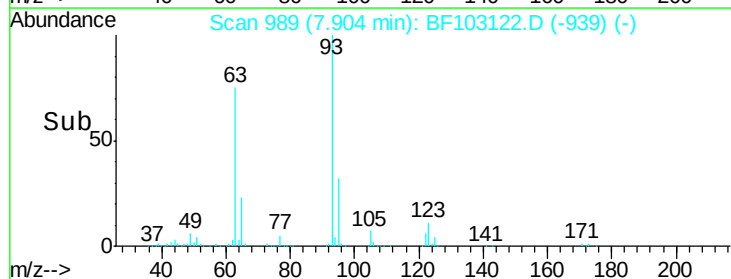
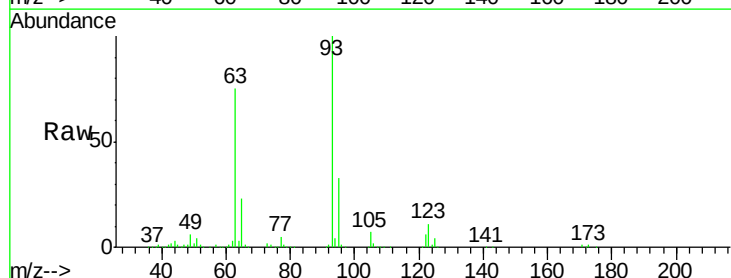
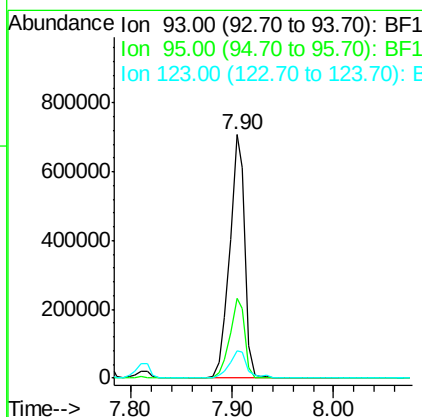
RT: 7.90 min Scan# 989

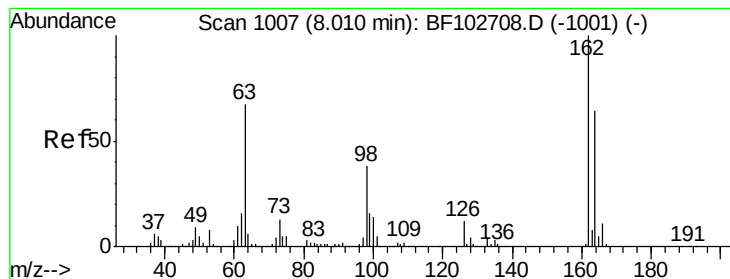
Delta R.T. -0.01 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Tgt Ion:	93	Resp:	733060
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.3	39.5
123	11.1	9.8	14.6





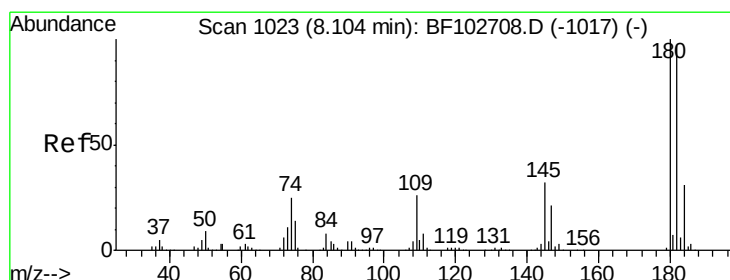
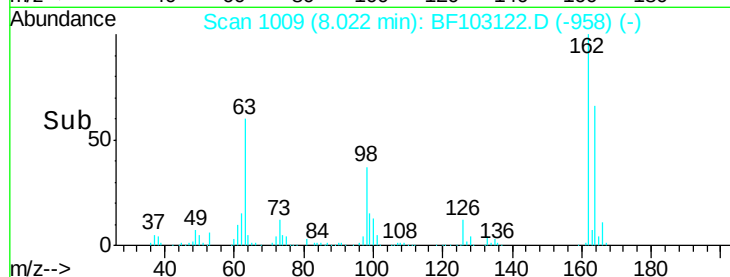
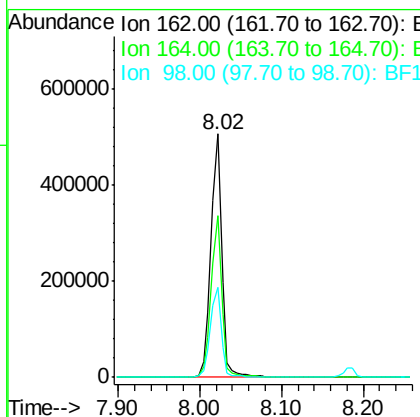
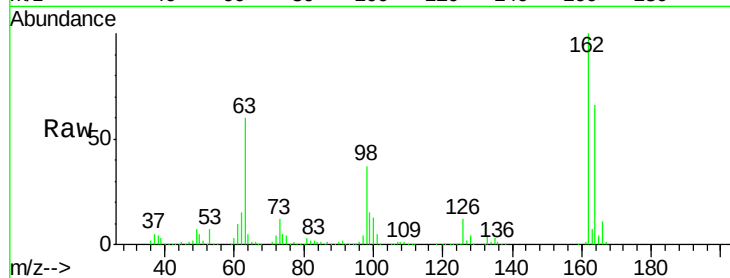
#29
 2,4-Dichlorophenol
 Concen: 45.966 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Instrument :
 BNA_F
 ClientSampled :
 TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	470690		
164	66.2	42.7	82.7	
98	37.0	18.1	58.1	

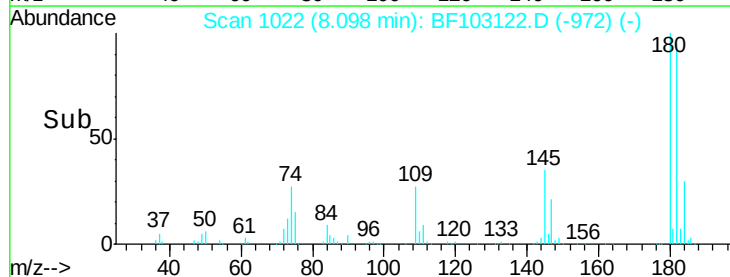
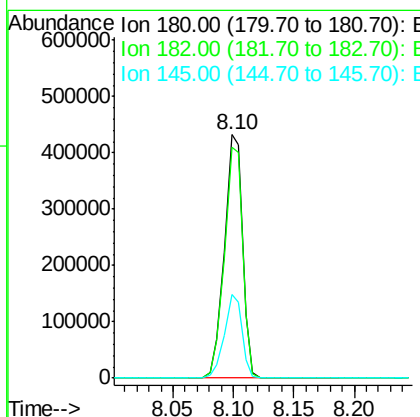
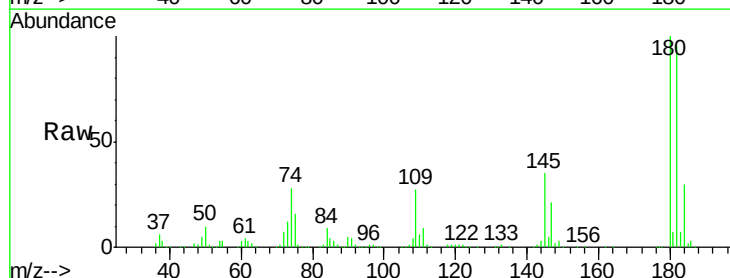
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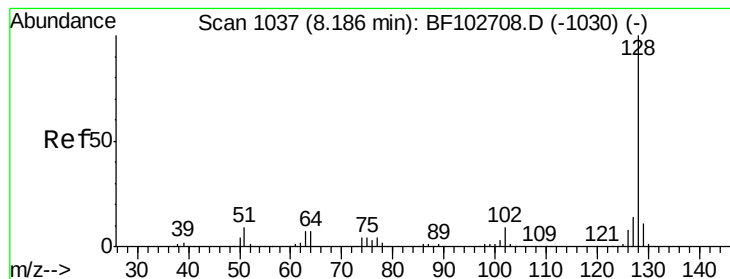
Sohil
 2/21/2018 10:10:33 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.037 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	452216		
182	94.8	76.8	115.2	
145	34.5	26.5	39.7	





#31

Naphthalene

Concen: 39.538 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampled :

TP-3MS

Tot Ion:128 Resp: 1551654

Ion Ratio Lower Upper

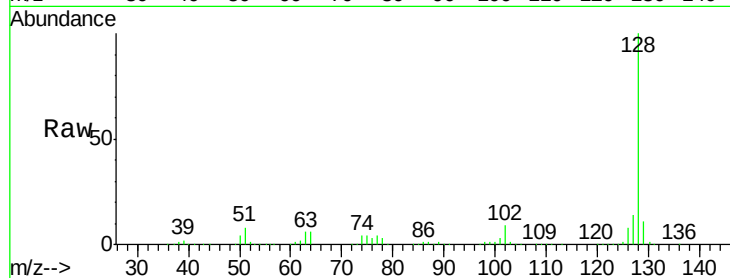
128 100

129 11.0 8.8 13.2

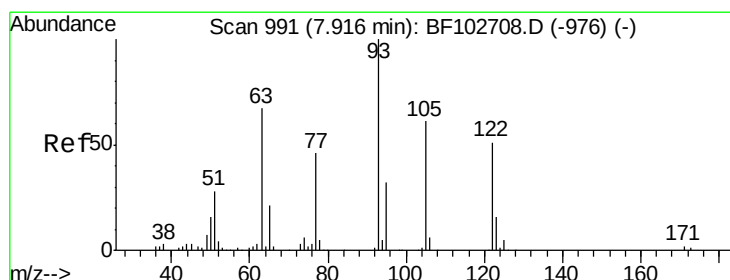
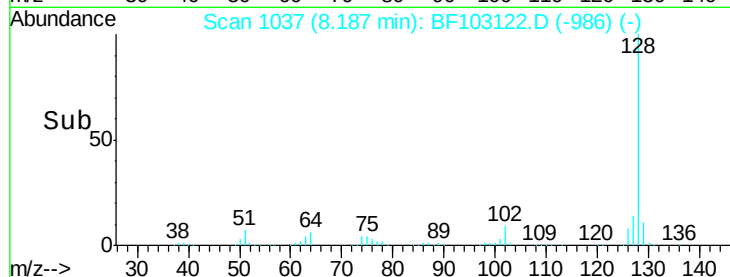
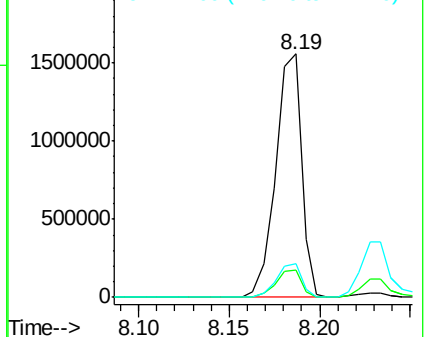
127 13.8 10.9 16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.275 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

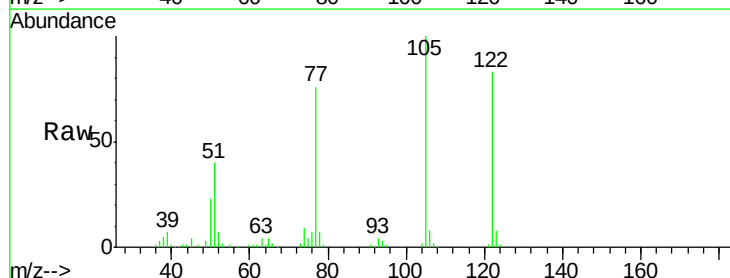
Tgt Ion:122 Resp: 215796

Ion Ratio Lower Upper

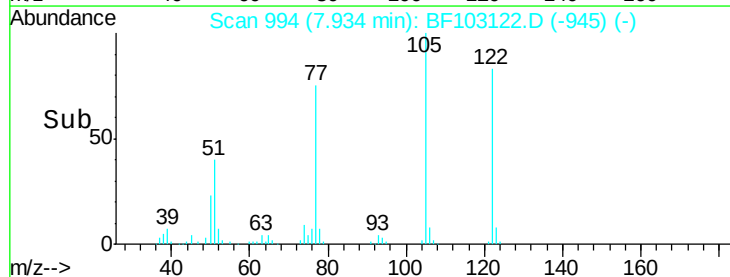
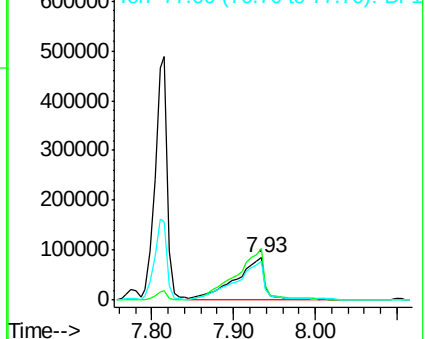
122 100

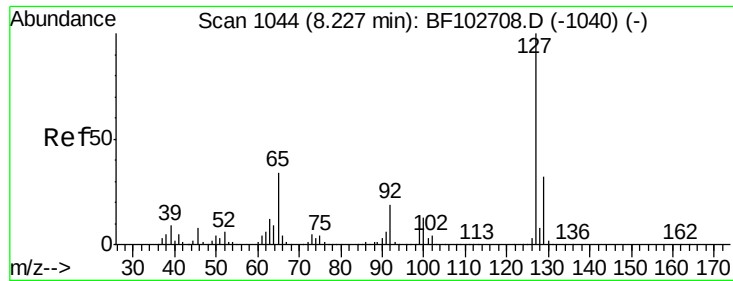
105 120.8 101.1 141.1

77 91.7 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





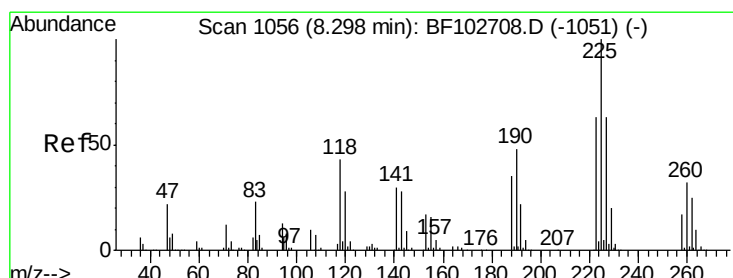
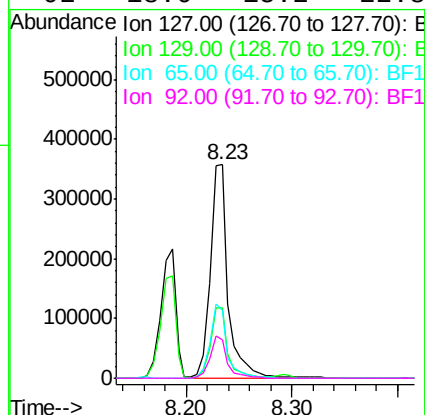
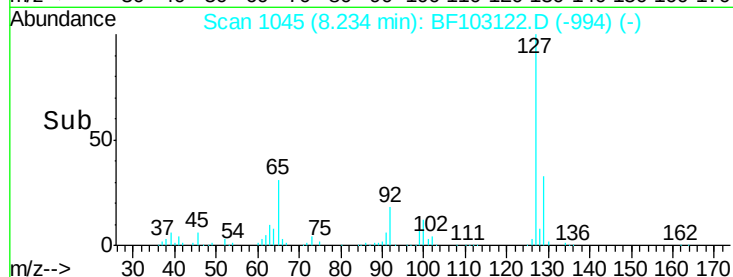
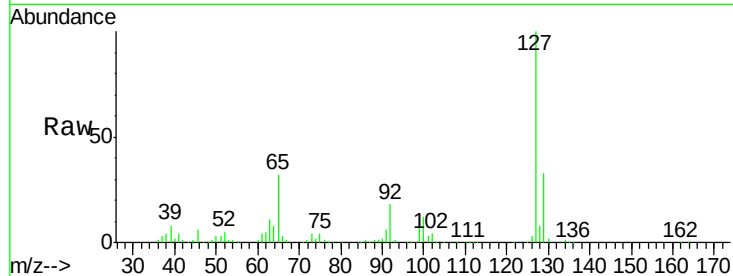
#33
4-Chloroaniline
Concen: 24.785 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	25.9	38.9		
65	31.9	25.0	37.4		
92	18.0	15.2	22.8		

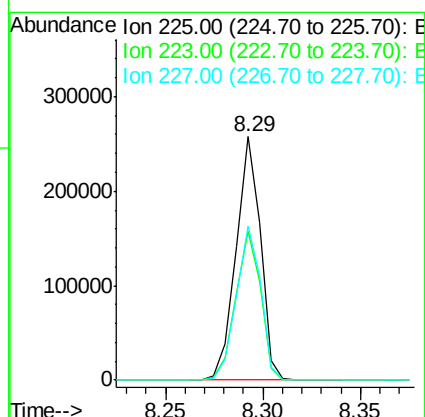
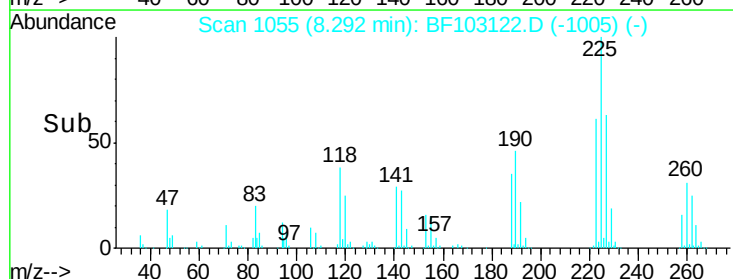
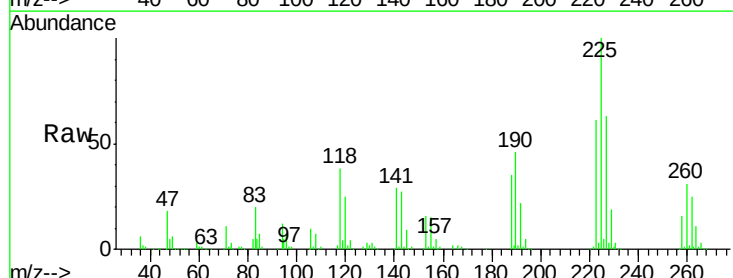
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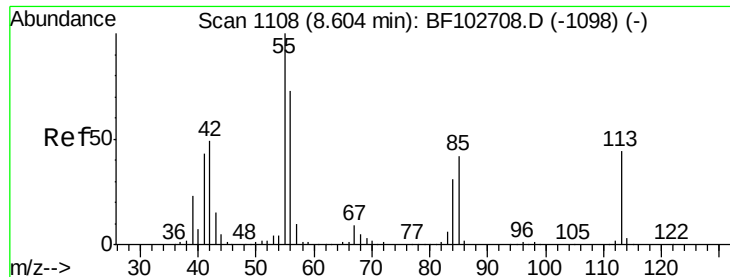
Sohil
2/21/2018 10:10:33 AM



#34
Hexachlorobutadiene
Concen: 37.608 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	50.6	76.0		
227	63.0	51.9	77.9		





#35

Caprolactam

Concen: 47.593 ng/ml

RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

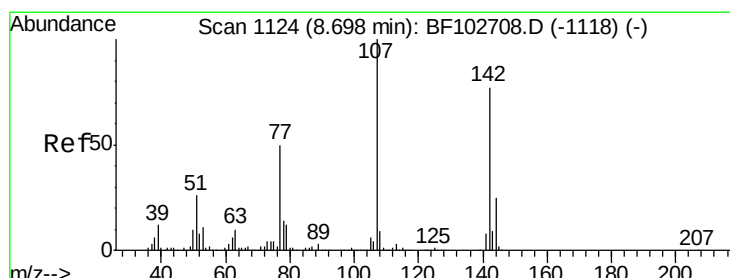
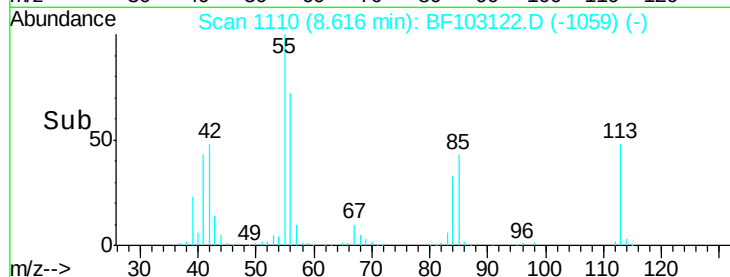
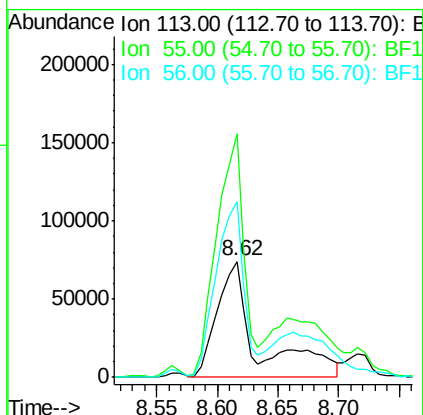
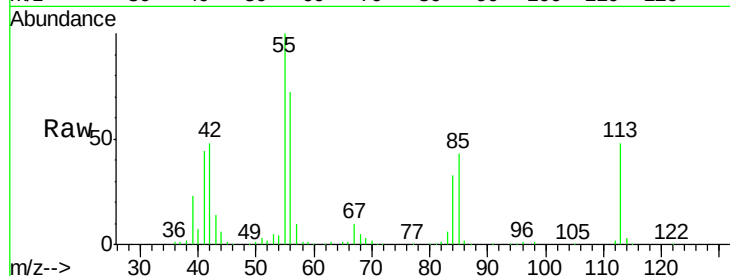
ClientSampled :

TP-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		169250		
55	209.7	163.3	203.3#		
56	151.2	115.7	155.7		

Manual Integrations
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Sohil
2/21/2018 10:10:33 AM



#36

4-Chloro-3-methylphenol

Concen: 46.809 ng/ml

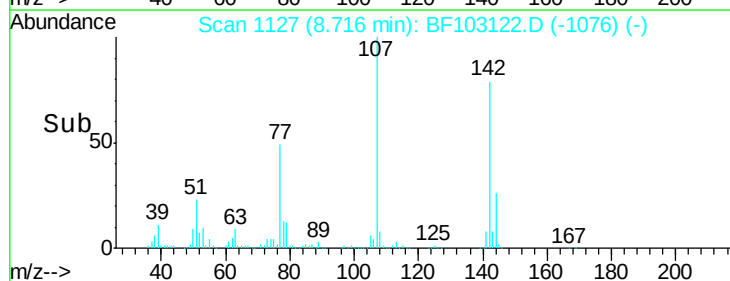
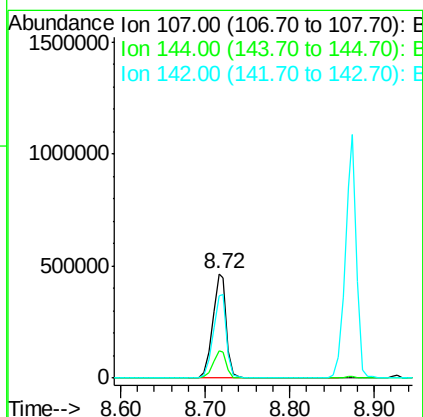
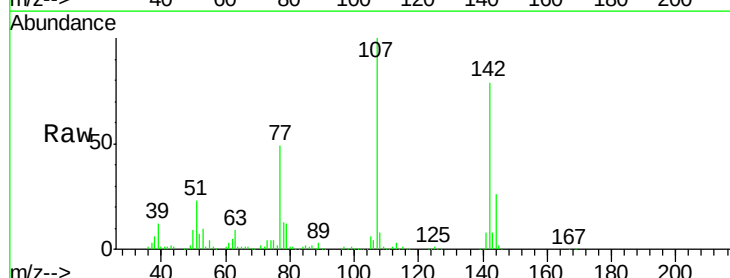
RT: 8.72 min Scan# 1127

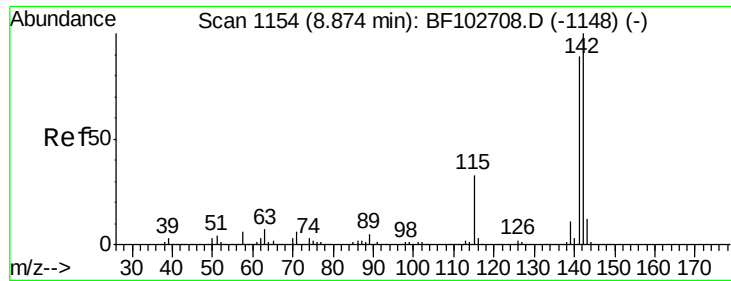
Delta R.T. 0.00 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		538559		
144	25.6	20.5	30.7		
142	78.7	62.0	93.0		





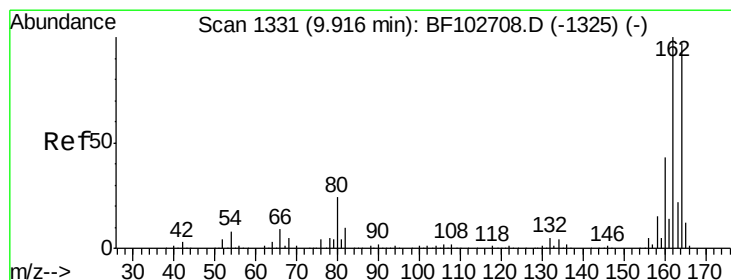
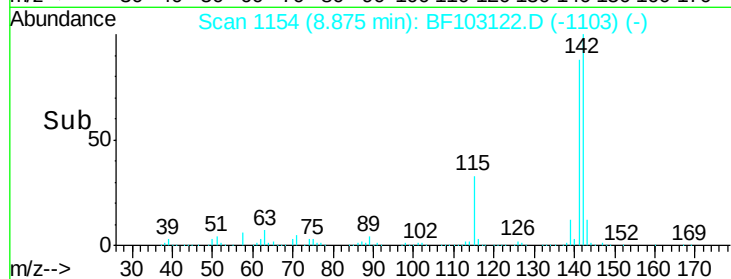
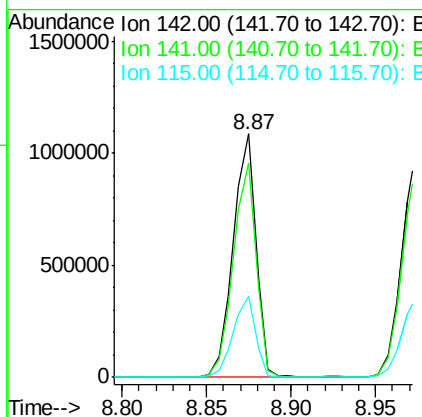
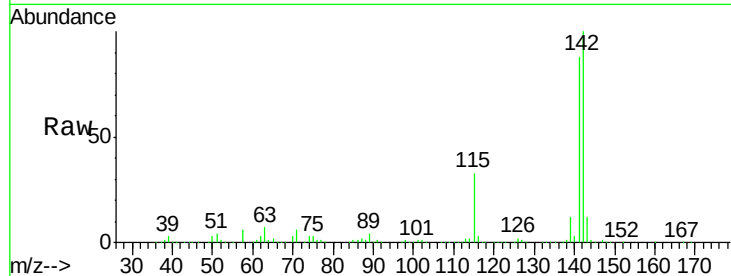
#37
2-Methylnaphthalene
Concen: 39.935 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.8	106.2
115	33.4	26.1	39.1

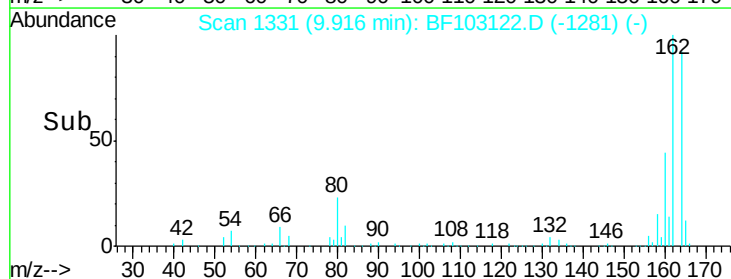
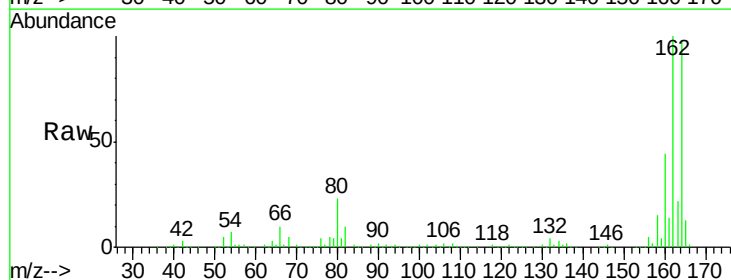
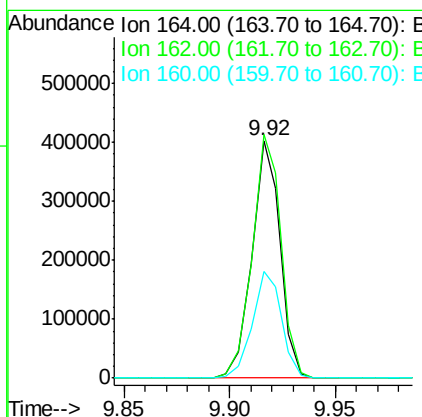
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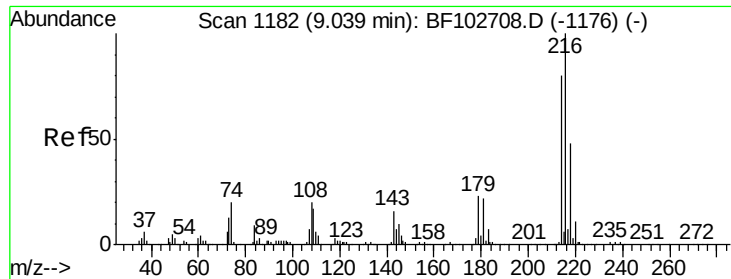
Sohil
2/21/2018 10:10:33 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	44.9	38.3	57.5





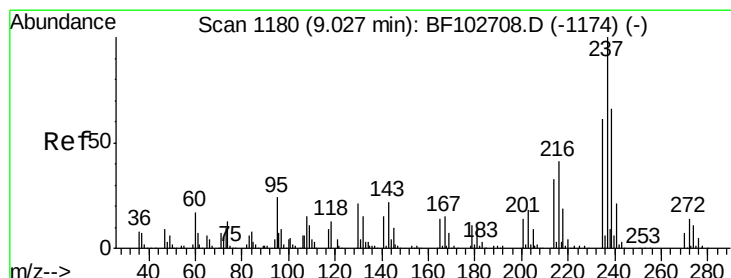
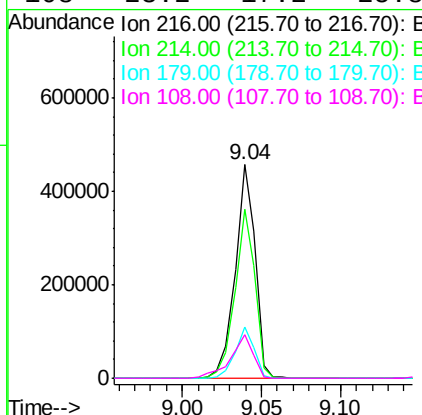
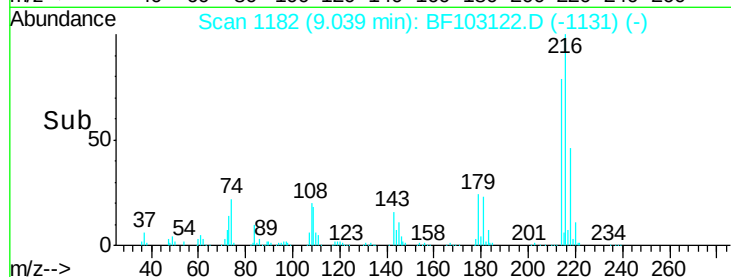
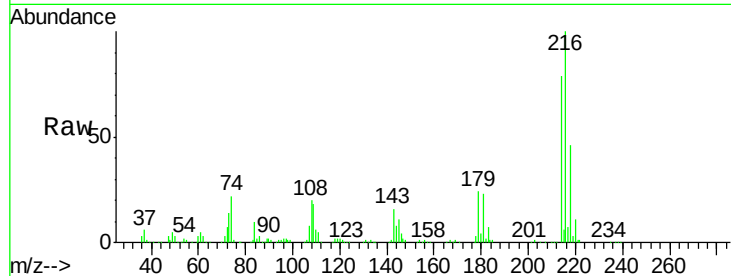
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.122 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		396307		
214	79.3		63.0	94.4	
179	23.2		18.1	27.1	
108	23.2		17.2	25.8	

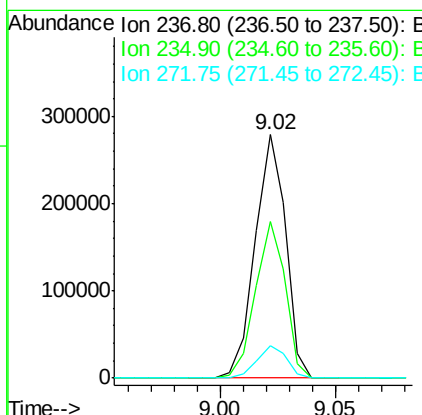
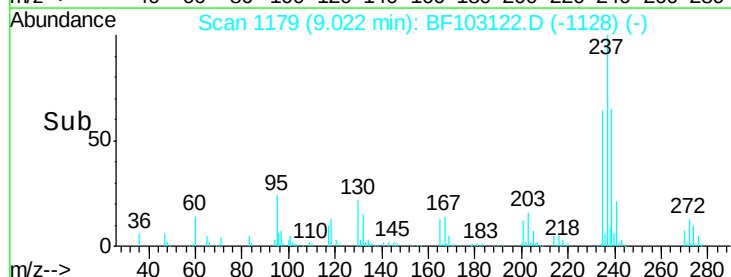
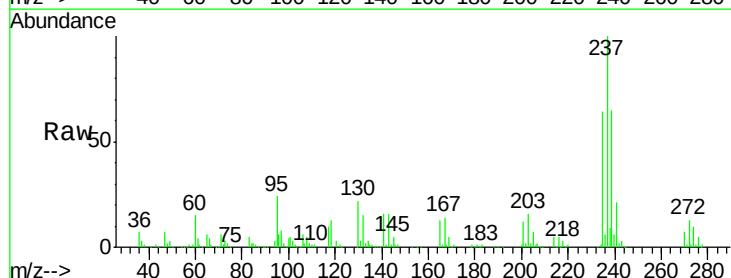
Manual Integrations
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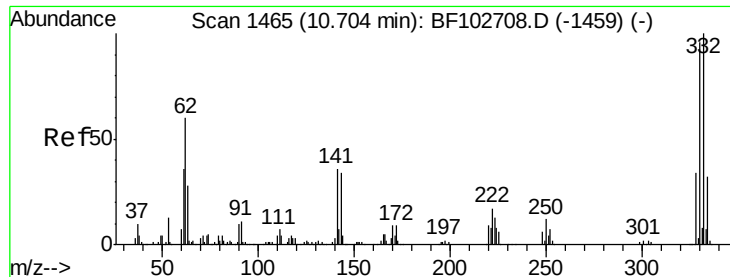
Sohil
 2/21/2018 10:10:33 AM



#40
 Hexachlorocyclopentadiene
 Concen: 53.650 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		258352		
235	64.5		44.8	84.8	
272	13.4		0.0	33.3	





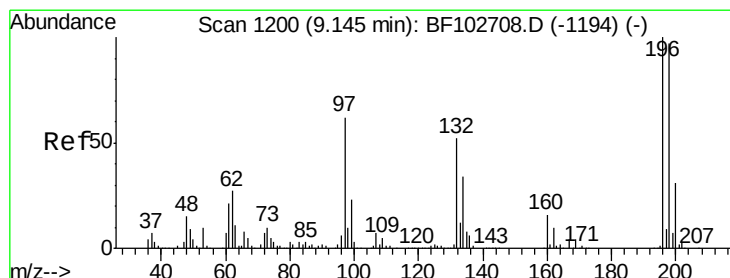
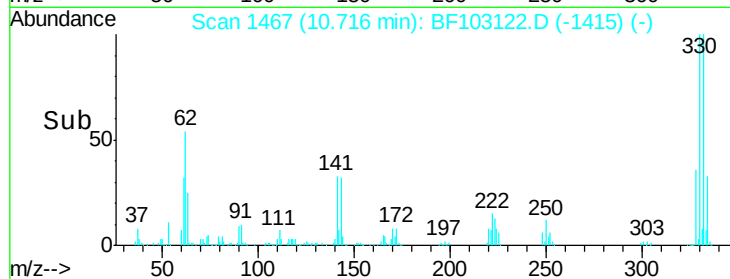
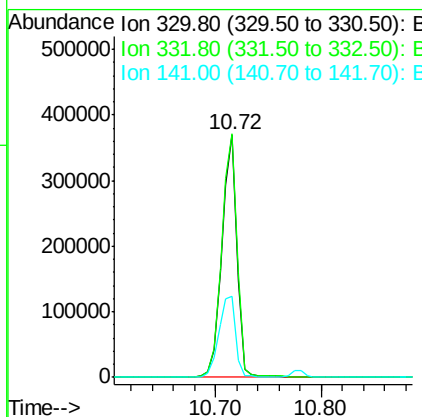
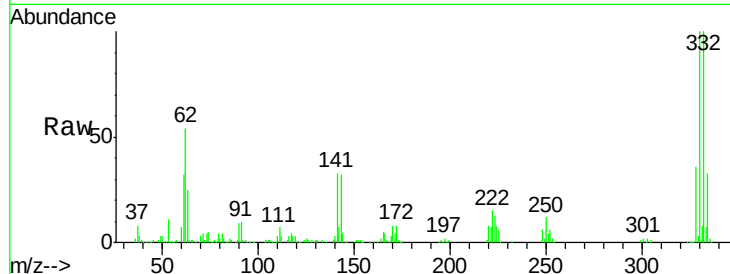
#41
 2,4,6-Tribromophenol
 Concen: 124.738 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Instrument :
 BNA_F
 ClientSampled :
 TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	103.2	77.0	115.6	
141	37.4	29.9	44.9	

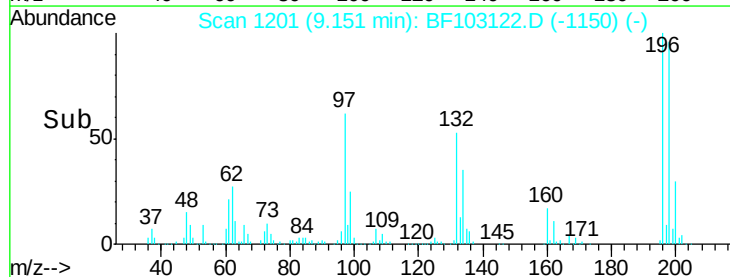
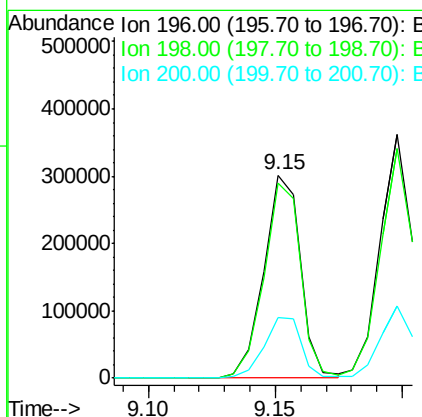
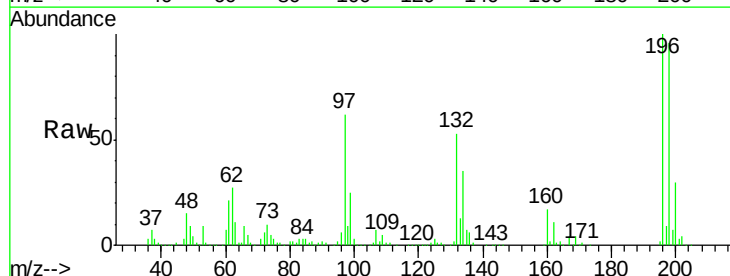
Manual Integrations
 APPROVED

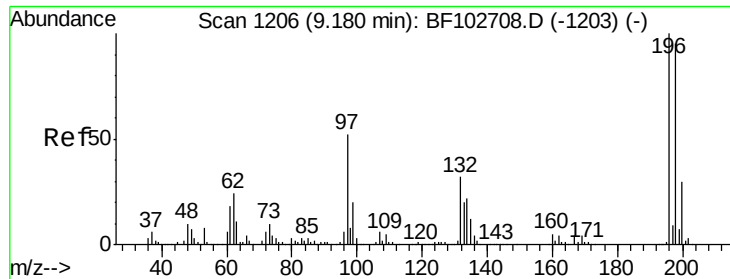
Sohil
 2/21/2018 10:10:33 AM



#42
 2,4,6-Trichlorophenol
 Concen: 45.496 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.2	75.7	113.5	
200	30.1	24.5	36.7	





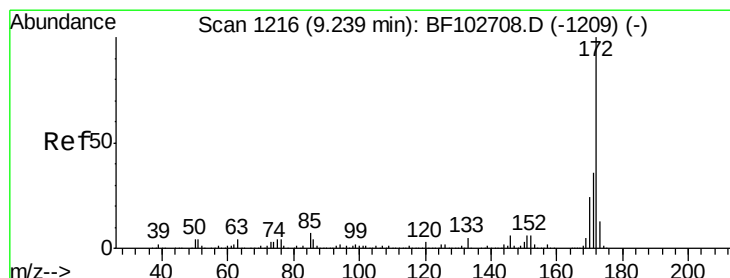
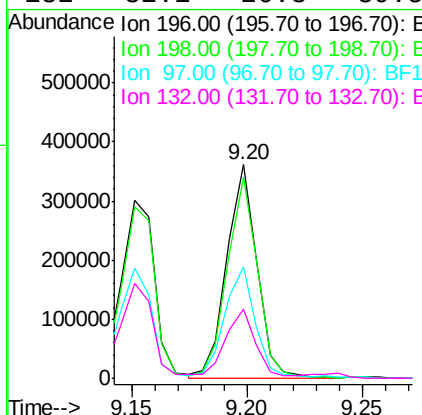
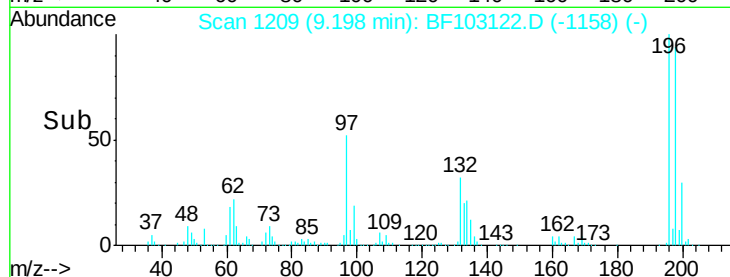
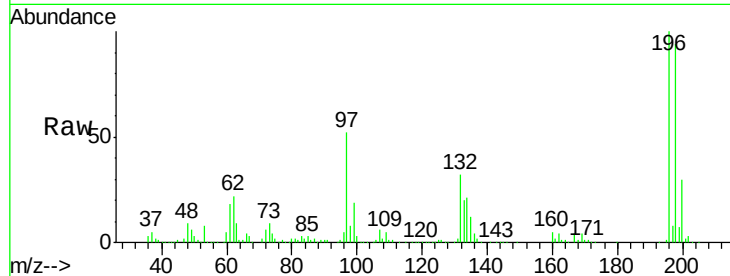
#43
 2,4,5-Trichlorophenol
 Concen: 43.618 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion:	196	Resp:	327098
Ion Ratio	Lower	Upper	
196	100		
198	94.1	74.6	112.0
97	52.1	42.9	64.3
132	32.1	26.3	39.5

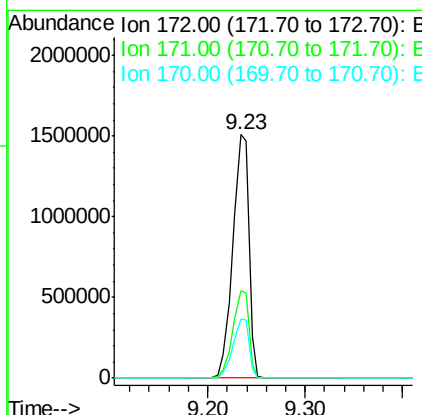
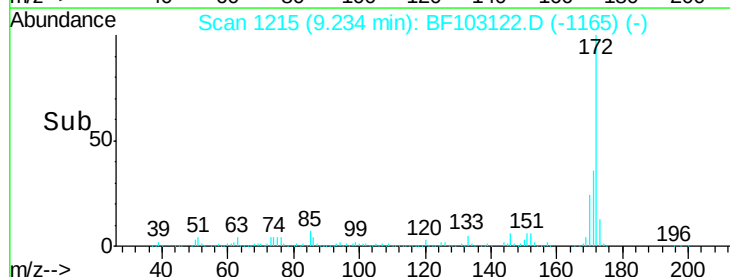
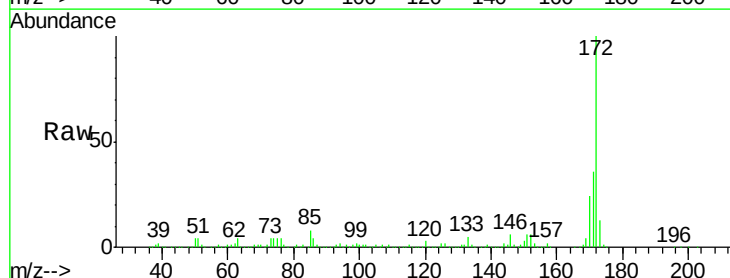
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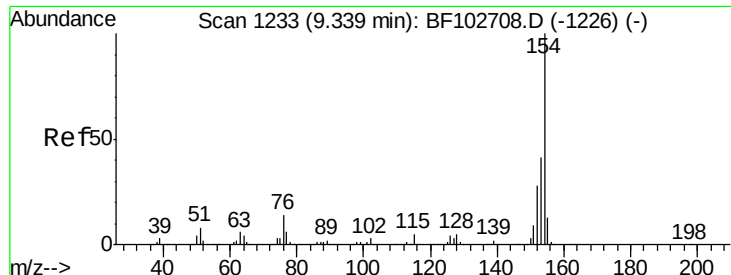
Sohil
 2/21/2018 10:10:33 AM



#44
 2-Fluorobiphenyl
 Concen: 77.148 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Tgt Ion:	172	Resp:	1729698
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.7	44.5
170	24.2	19.6	29.4





#45

1,1'-Biphenyl

Concen: 37.299 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampled :

TP-3MS

Tot Ion:154 Resp: 1168782

Ion Ratio Lower Upper

154 100

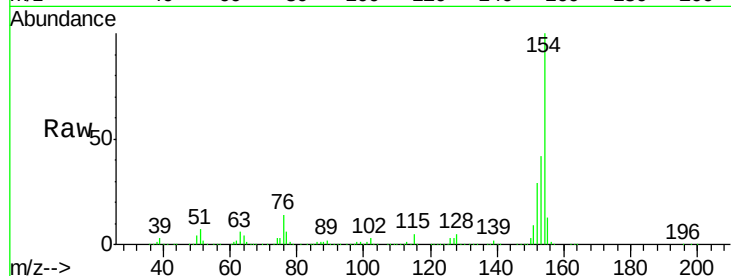
153 41.9 21.3 61.3

76 13.6 0.0 34.0

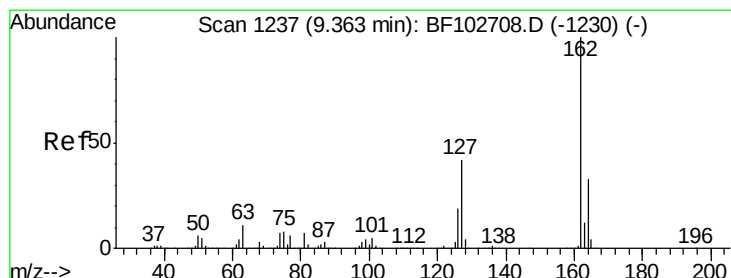
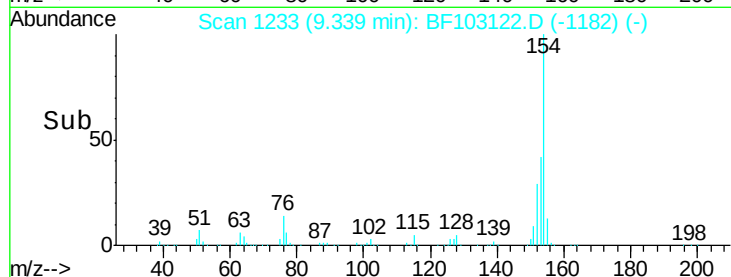
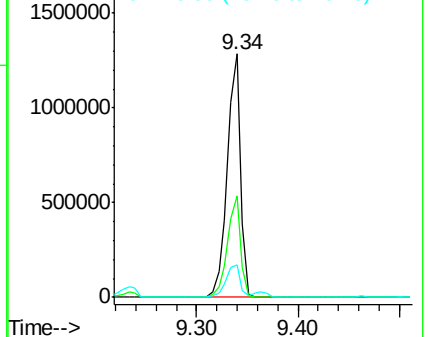
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 39.658 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

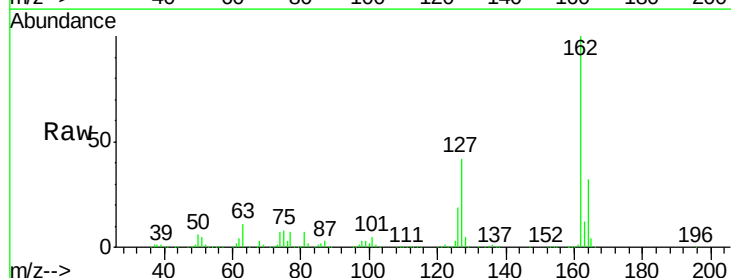
Tgt Ion:162 Resp: 978352

Ion Ratio Lower Upper

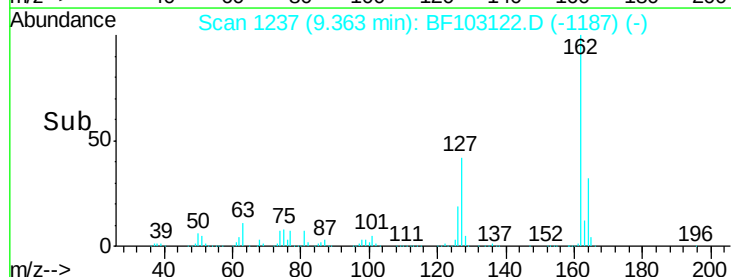
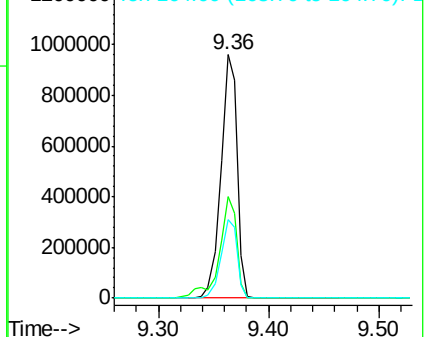
162 100

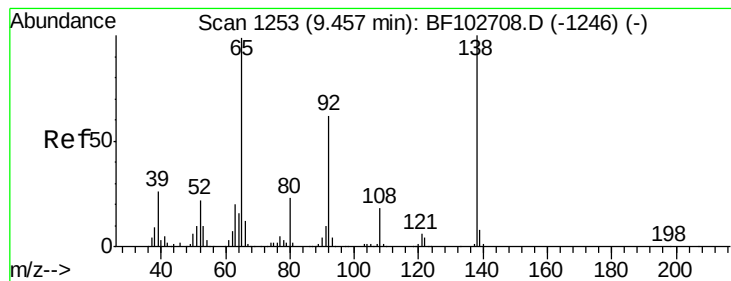
127 41.6 33.9 50.9

164 32.3 26.5 39.7



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





#47

2-Nitroaniline

Concen: 50.280 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampled :

TP-3MS

Tot Ion: 65 Resp: 384104
Ion Ratio Lower Upper

65 100

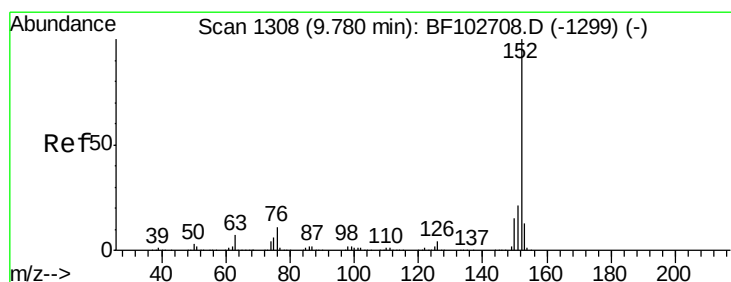
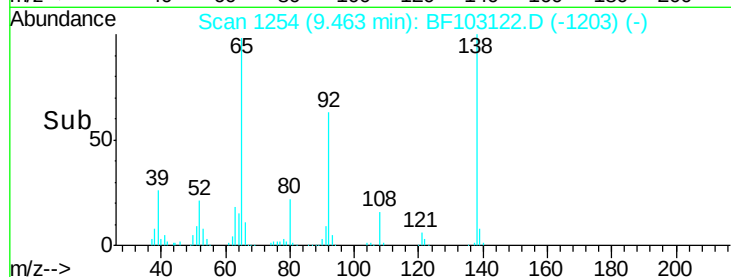
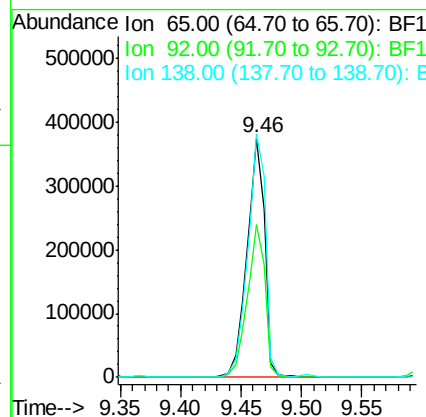
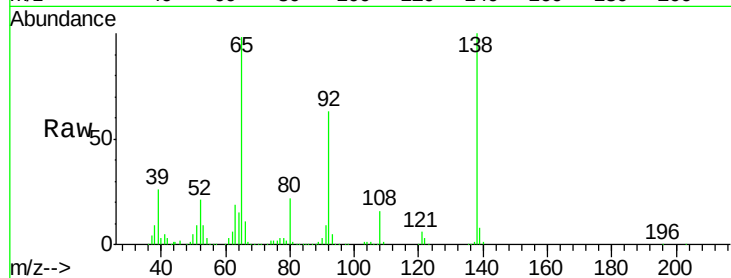
92 64.0 55.8 83.6

138 102.0 91.2 136.8

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#48

Acenaphthylene

Concen: 37.956 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF103122.D

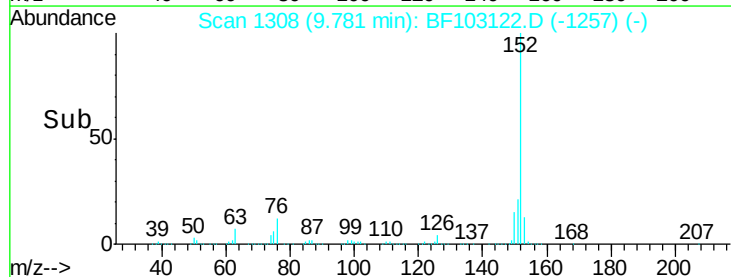
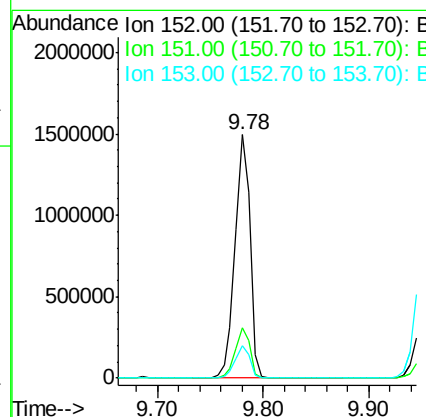
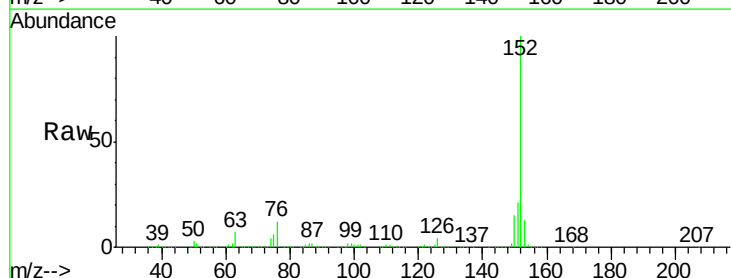
Acq: 20 Feb 2018 18:31

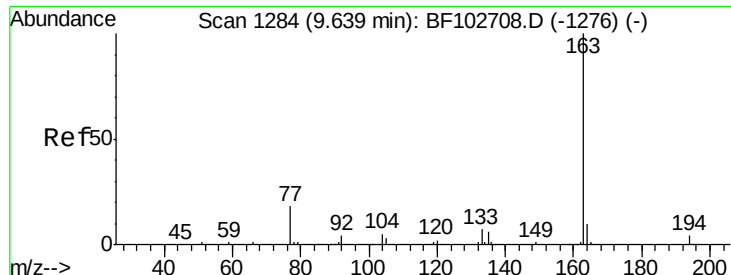
Tgt Ion: 152 Resp: 1454320
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 13.2 10.7 16.1





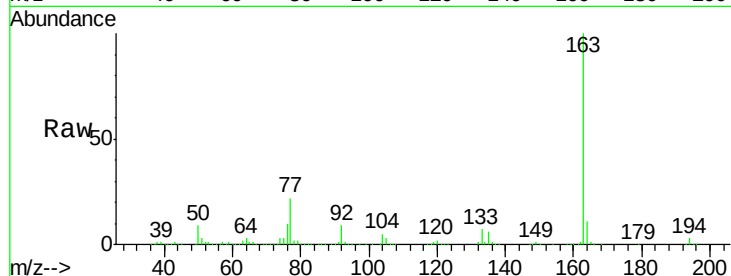
#49
Dimethylphthalate
Concen: 47.047 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Instrument :
BNA_F
ClientSampled :
TP-3MS

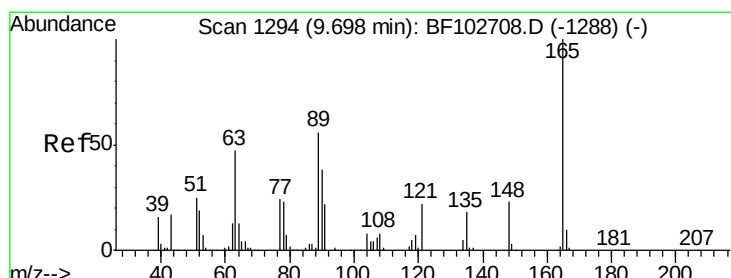
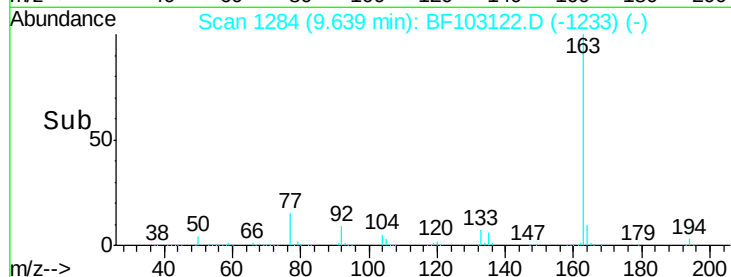
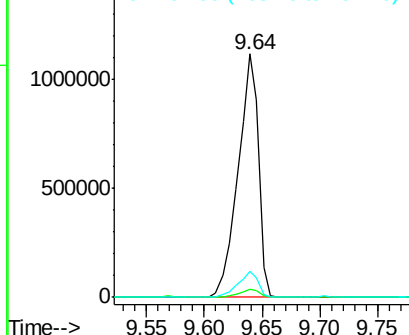
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.5	8.2	12.2

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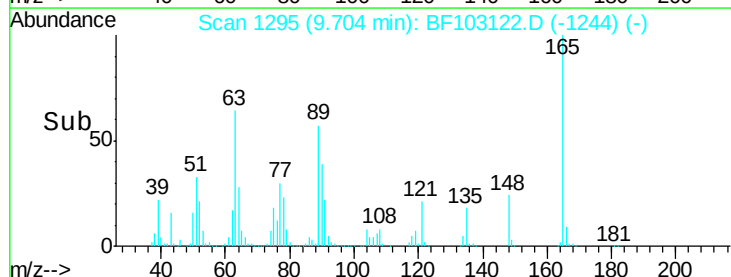
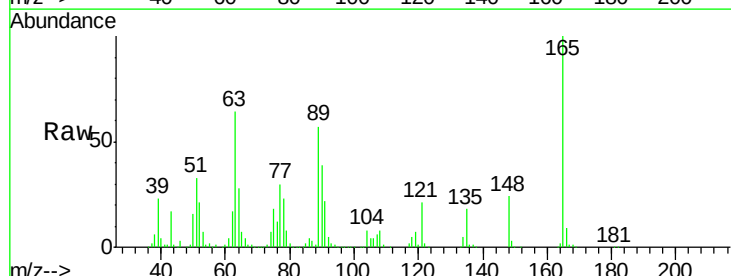
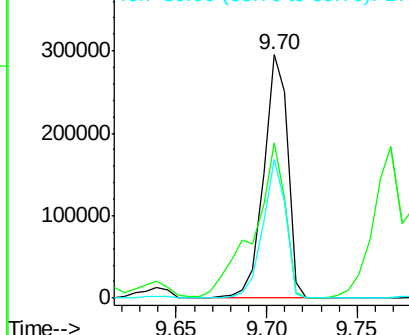
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

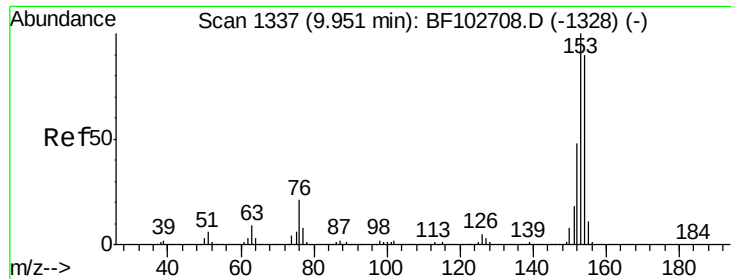


#50
2,6-Dinitrotoluene
Concen: 49.278 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.7	44.7	67.1
89	56.7	44.0	66.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.480 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

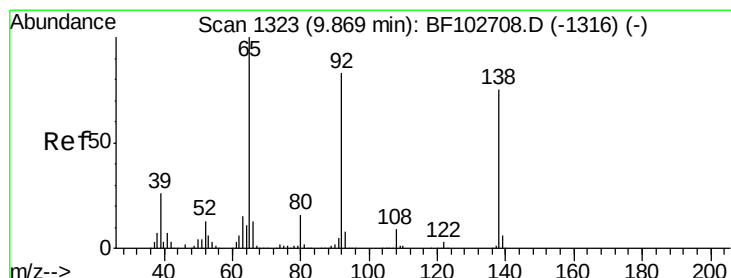
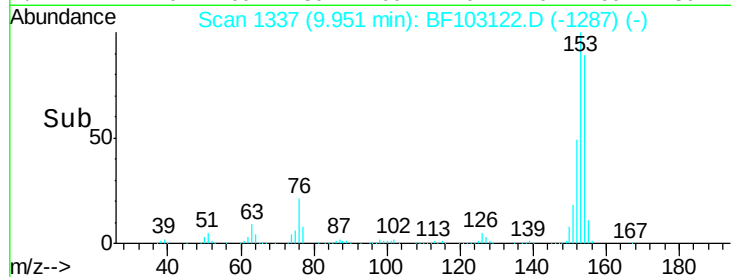
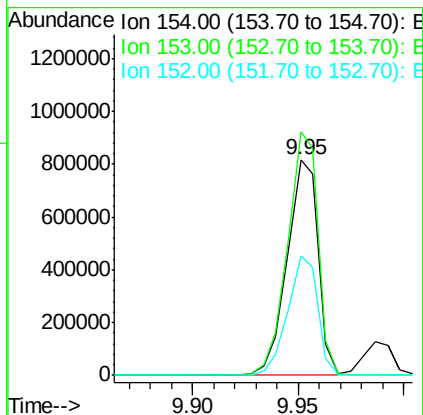
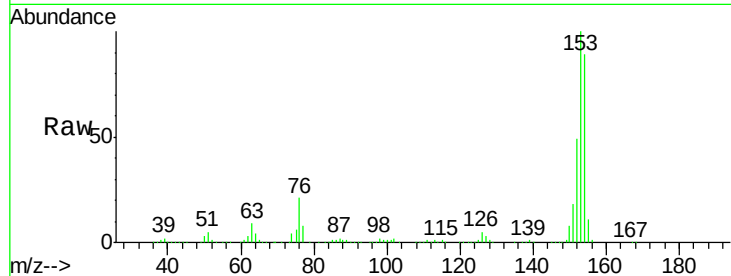
ClientSampleId :

TP-3MS

Tot Ion:	154	Resp:	835899
Ion Ratio	Lower	Upper	
154	100		
153	112.7	91.2	136.8
152	55.3	43.8	65.8

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#52

3-Nitroaniline

Concen: 36.579 ng

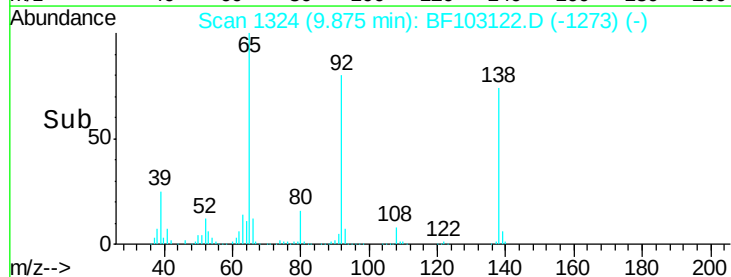
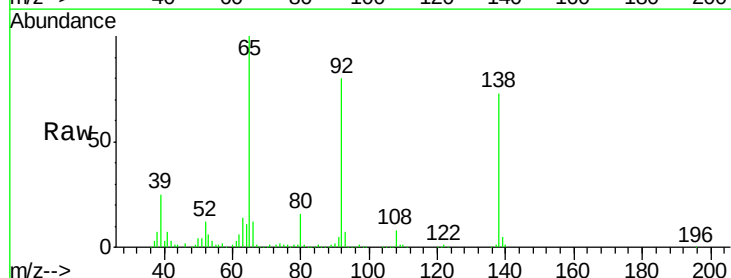
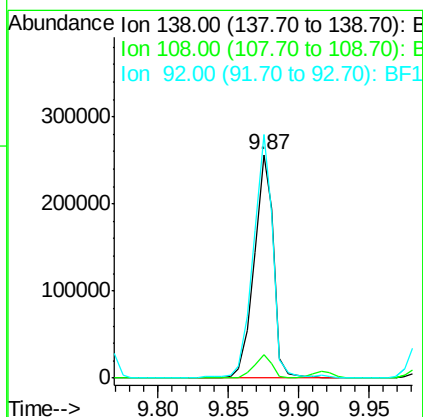
RT: 9.87 min Scan# 1324

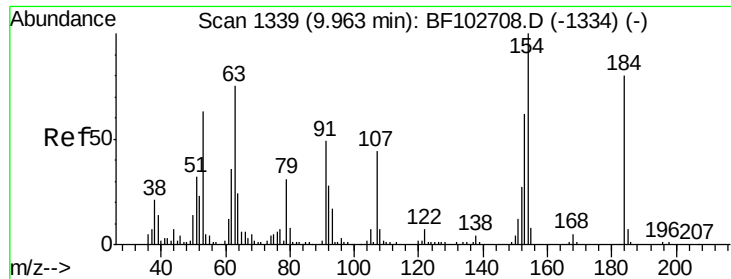
Delta R.T. 0.00 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Tgt Ion:	138	Resp:	248400
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.4	14.0
92	109.1	89.4	134.2





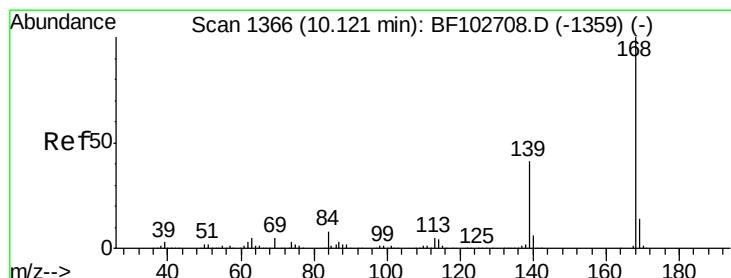
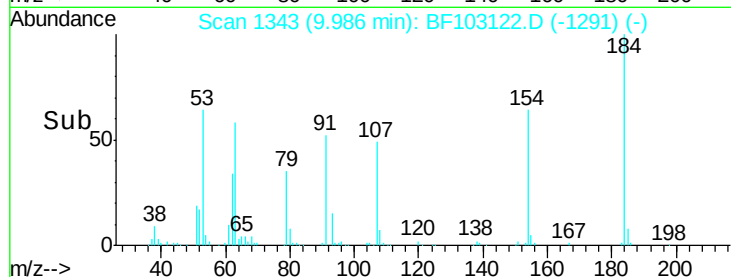
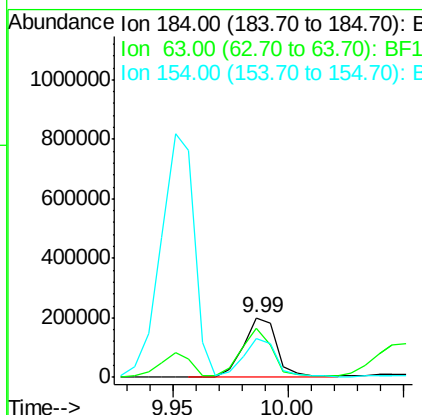
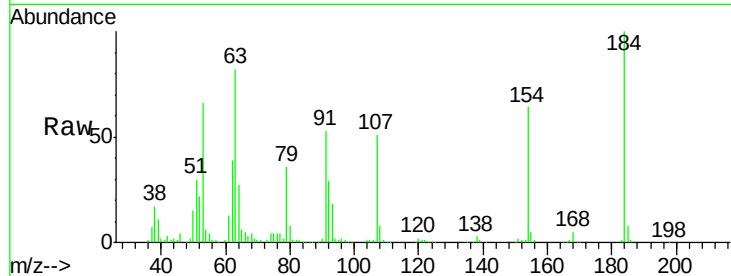
#53
2,4-Dinitrophenol
Concen: 96.560 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion:184 Resp: 205421
Ion Ratio Lower Upper
184 100
63 81.5 54.2 81.2#
154 63.8 184.0 276.0#

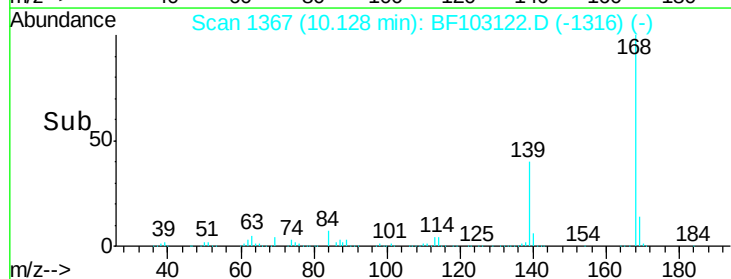
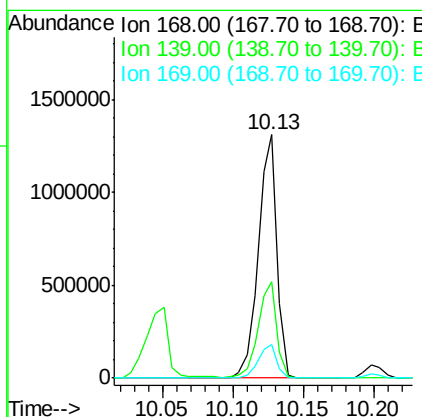
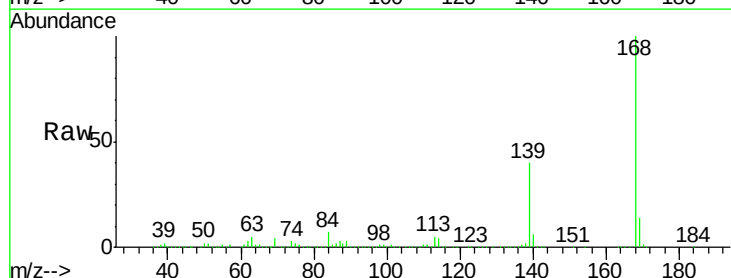
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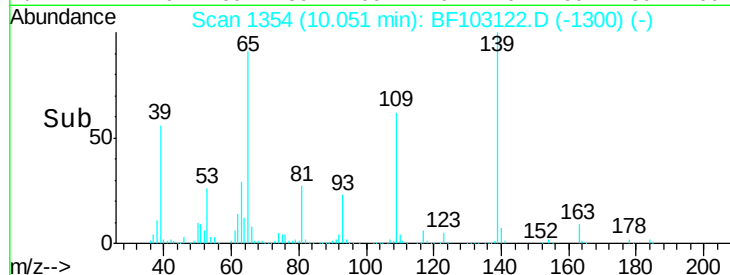
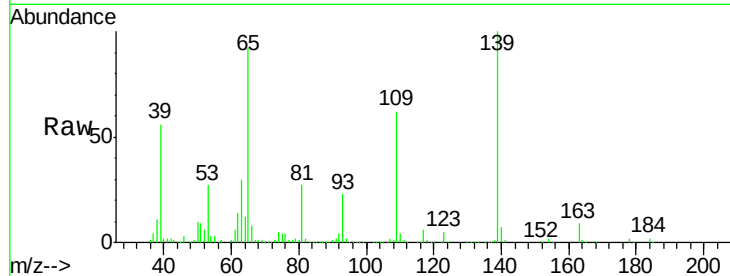
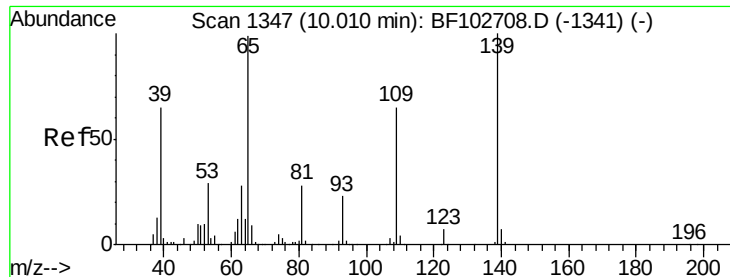
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#54
Dibenzofuran
Concen: 37.815 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion:168 Resp: 1221136
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 13.8 10.9 16.3





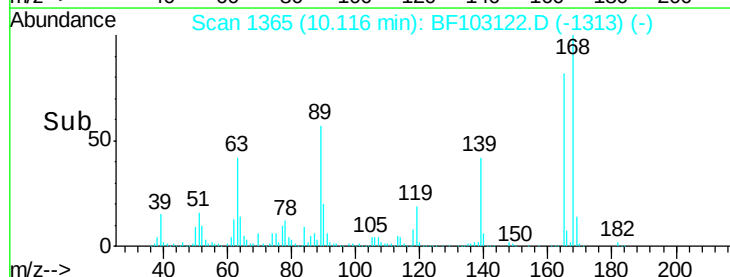
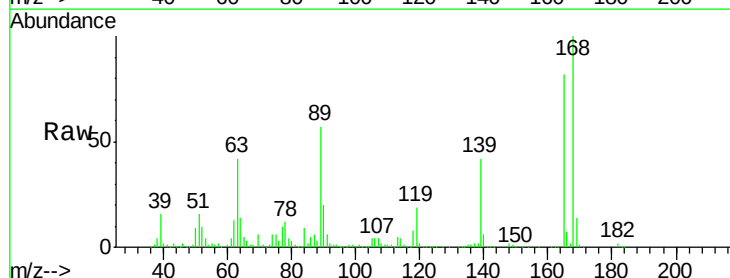
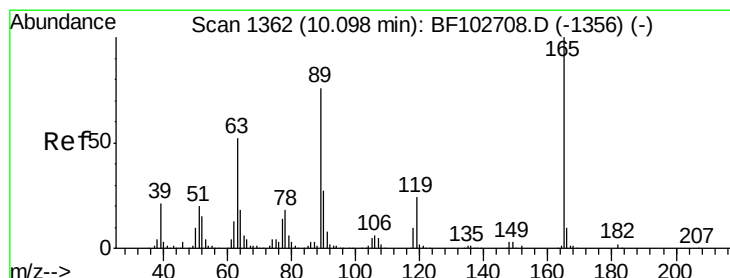
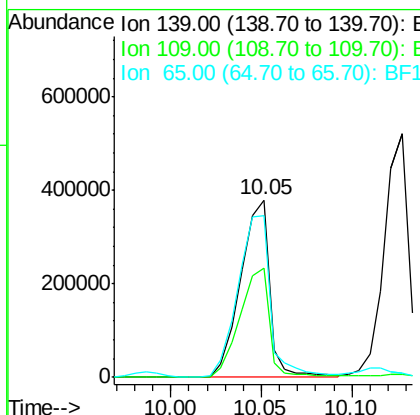
#55
4-Nitrophenol
Concen: 76.599 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	61.8	48.4	88.4	
65	91.6	72.6	112.6	

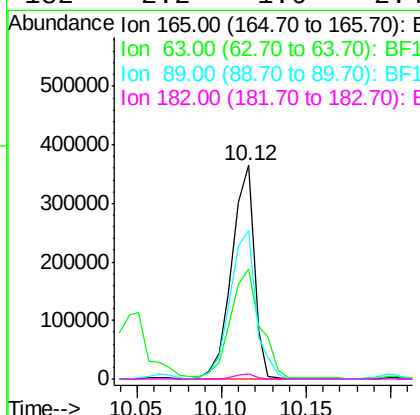
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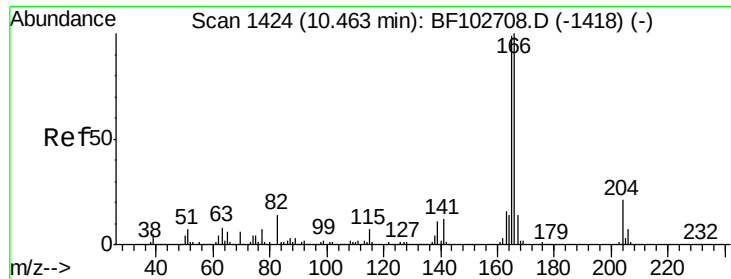
Sohil
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#56
2,4-Dinitrotoluene
Concen: 45.629 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.4	36.4	54.6	
89	69.8	57.8	86.6	
182	2.2	1.6	2.4	





#57

Fluorene

Concen: 40.798 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

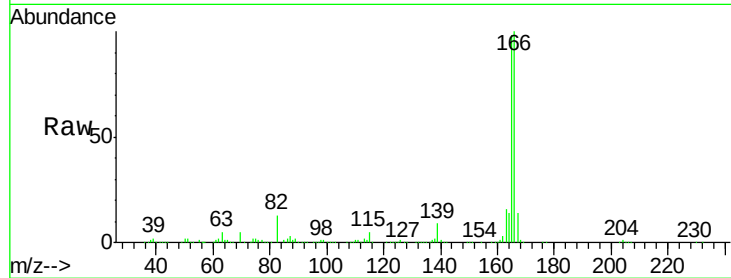
ClientSampled :

TP-3MS

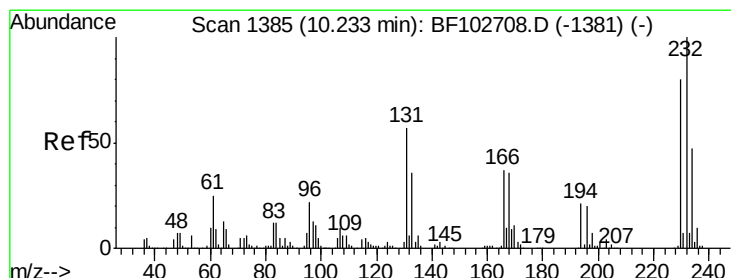
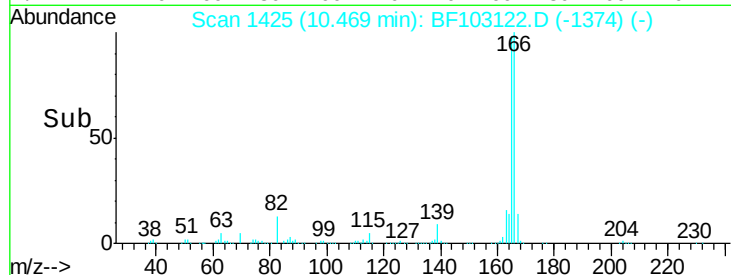
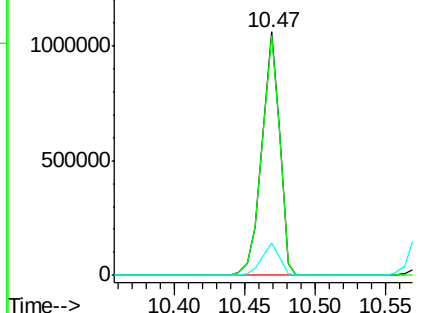
Tot Ion:	166	Resp:	958540
Ion Ratio	Lower	Upper	
166	100		
165	98.4	79.8	119.8
167	13.5	10.6	16.0

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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: 46.621 ng

RT: 10.25 min Scan# 1387

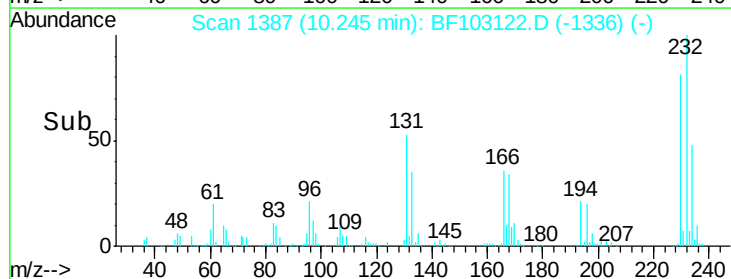
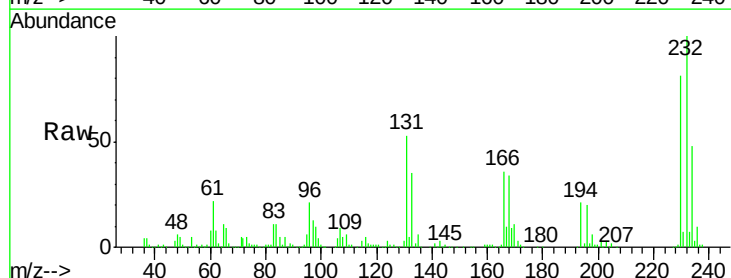
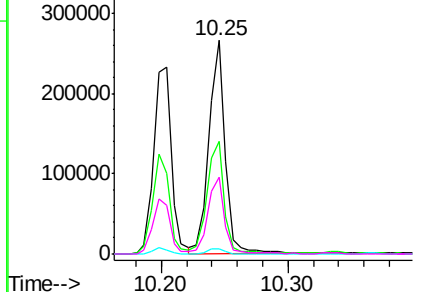
Delta R.T. 0.00 min

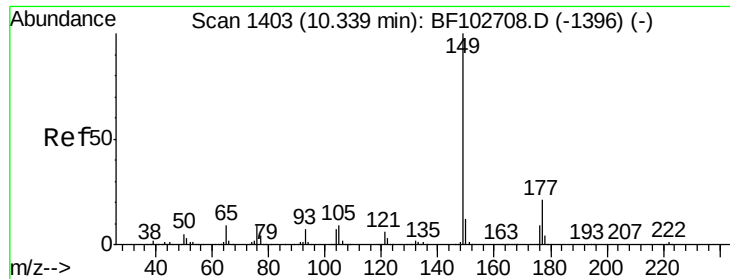
Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Tgt Ion:	232	Resp:	242320
Ion Ratio	Lower	Upper	
232	100		
131	54.3	43.8	65.8
130	2.7	2.1	3.1
166	36.1	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





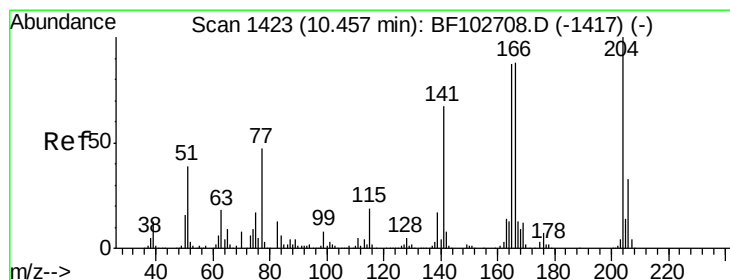
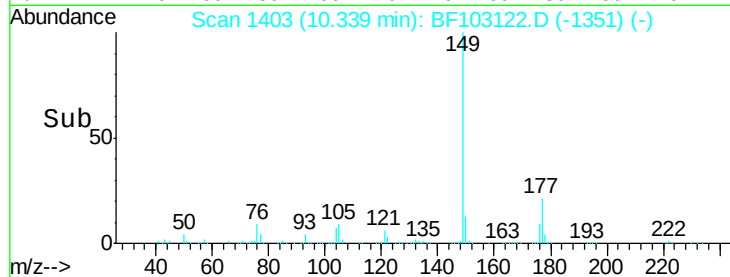
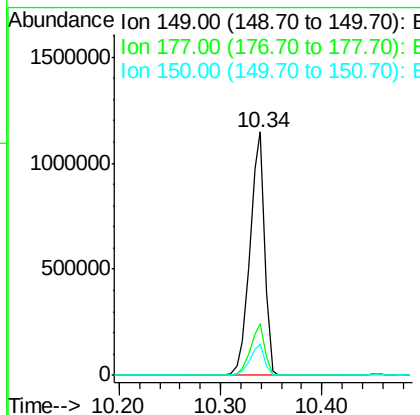
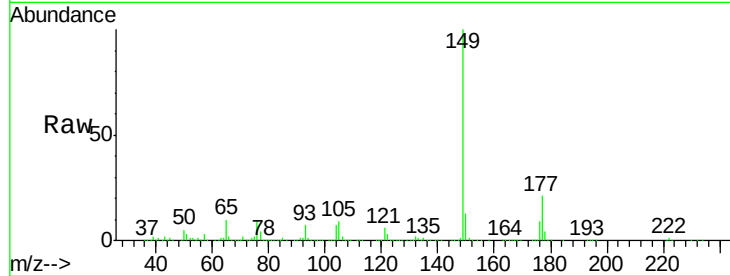
#59
Diethylphthalate
Concen: 40.137 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion:149 Resp: 1149661
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.6 10.1 15.1

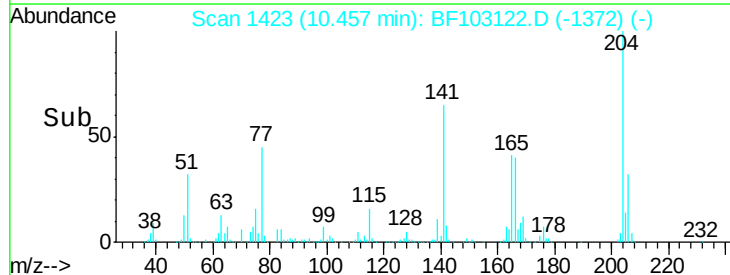
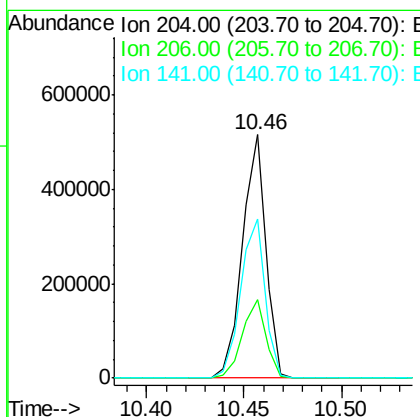
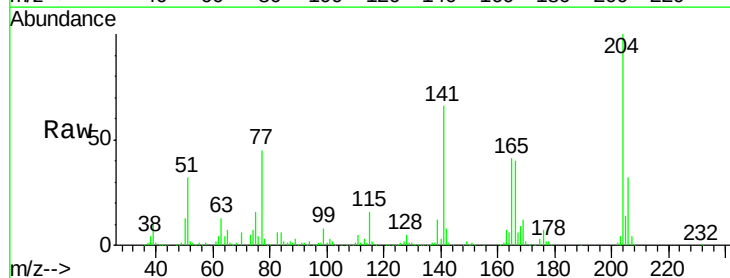
Manual Integrations
APPROVED

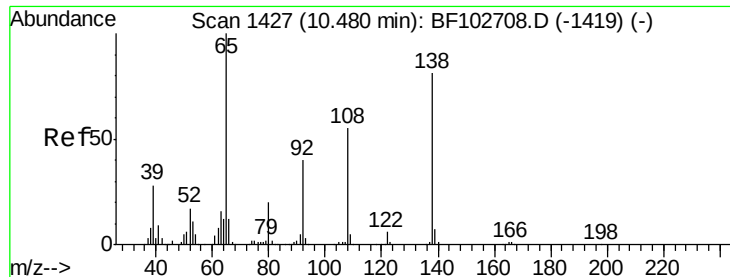
Sohil
2/21/2018 10:10:33 AM



#60
4-Chlorophenyl-phenylether
Concen: 41.302 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion:204 Resp: 429274
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 65.6 54.6 81.8





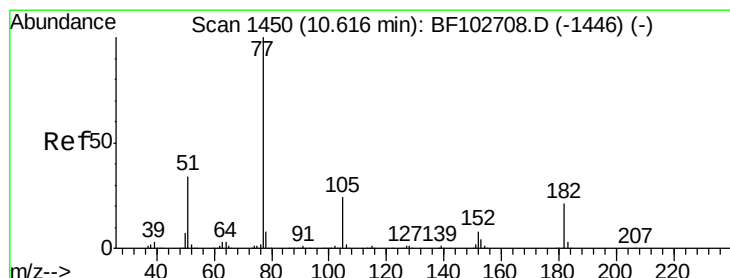
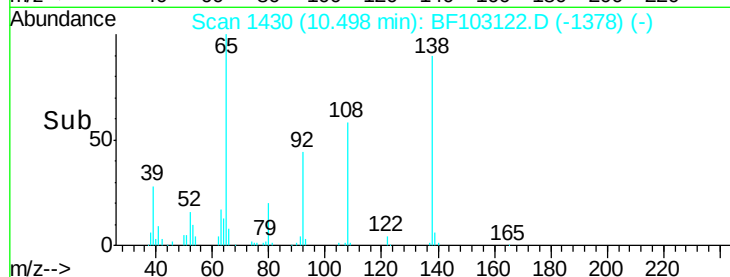
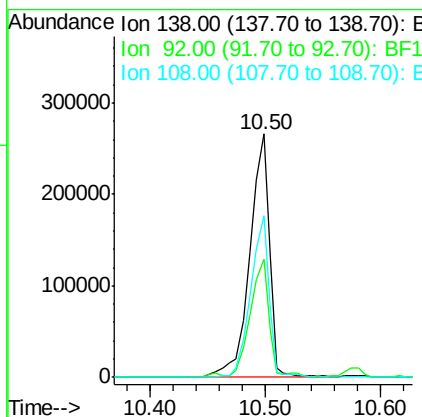
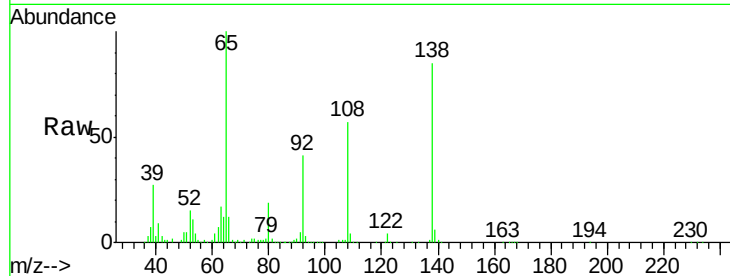
#61
4-Nitroaniline
Concen: 48.863 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.4	30.2	70.2
108	66.5	52.5	92.5

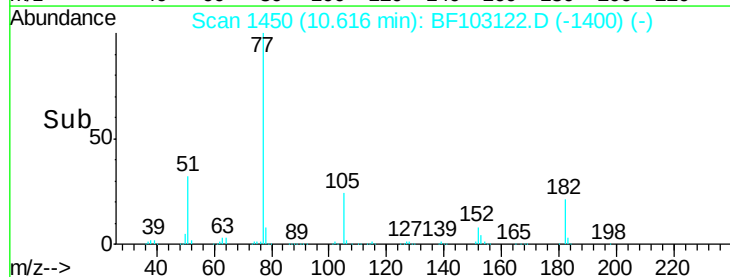
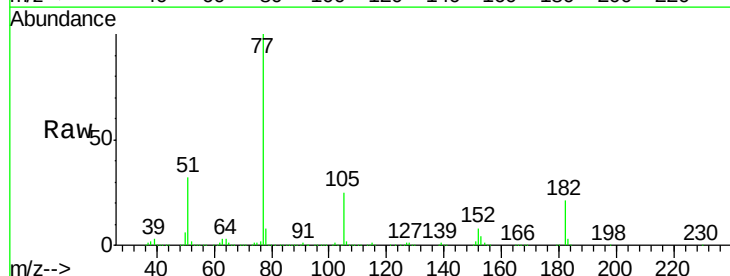
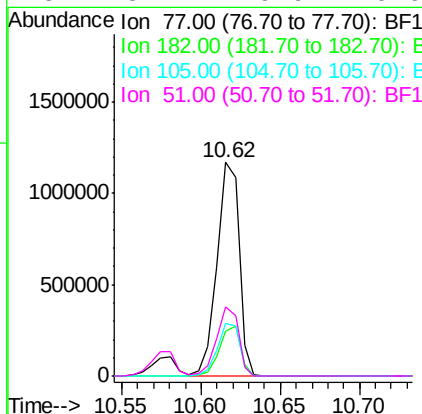
Manual Integrations
APPROVED

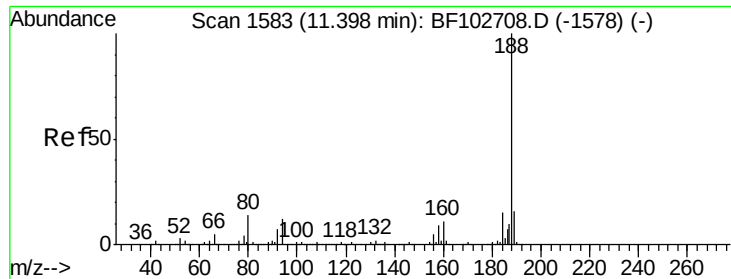
Sohil
2/21/2018 10:10:33 AM



#62
Azobenzene
Concen: 39.798 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.7	1.7	41.7
105	24.9	3.0	43.0
51	32.2	9.9	49.9





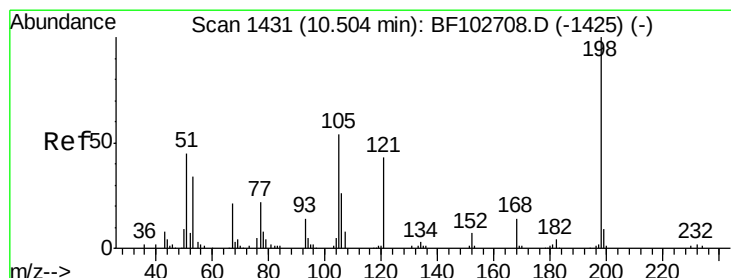
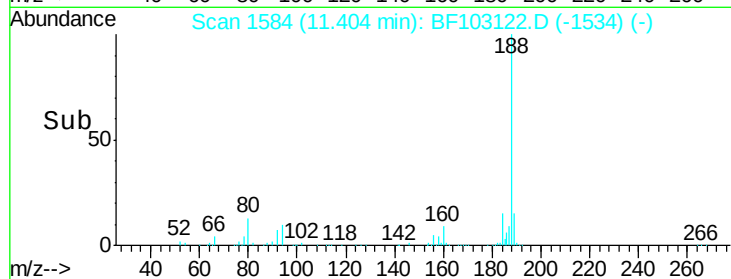
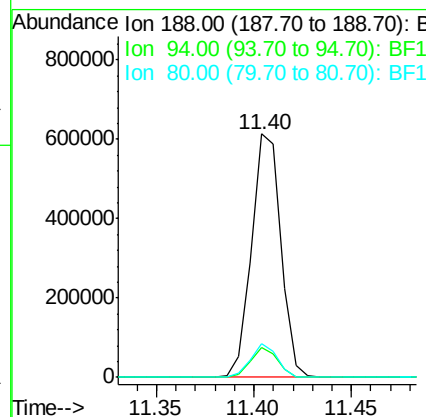
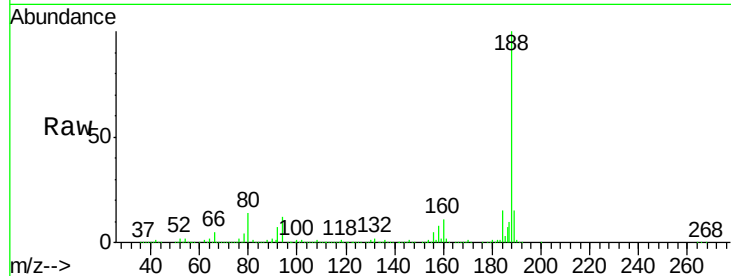
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	638747		
94	12.3		8.5	12.7
80	13.6		9.2	13.8

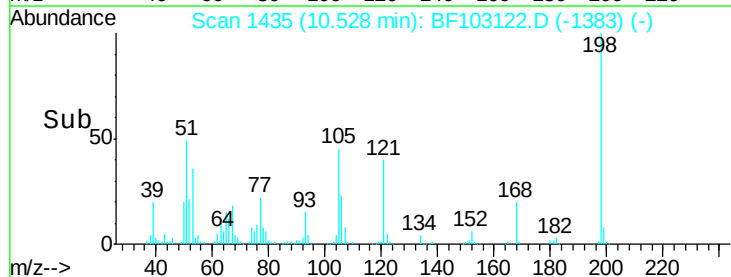
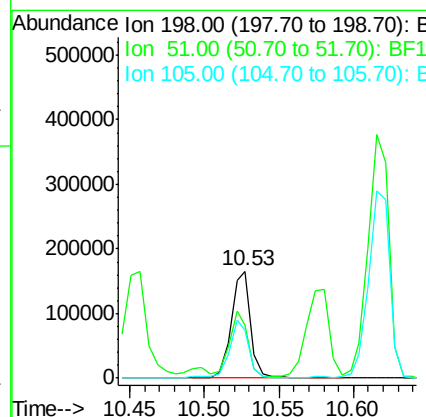
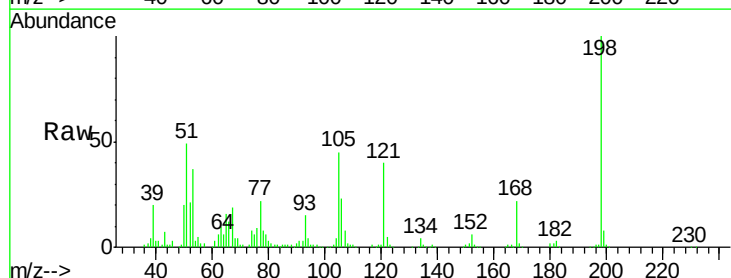
Manual Integrations
APPROVED

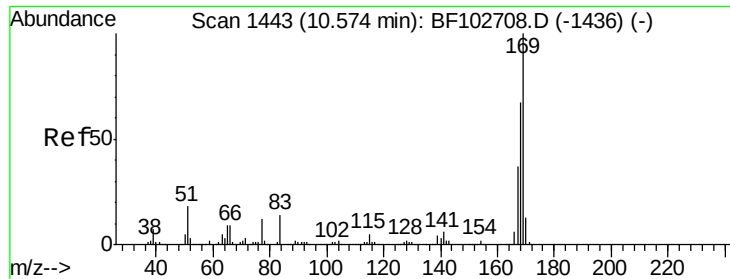
Sohil
2/21/2018 10:10:33 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 54.680 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	152342		
51	49.0		37.7	77.7
105	45.1		36.3	76.3





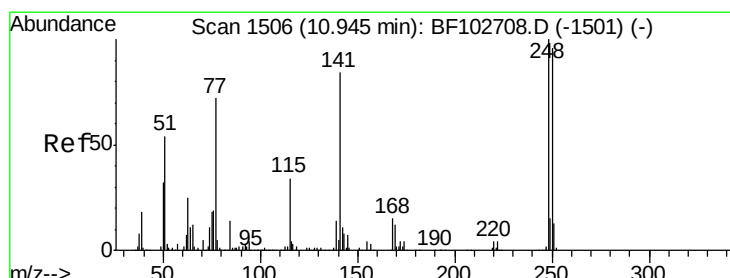
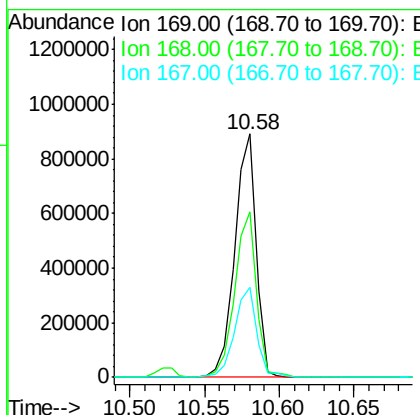
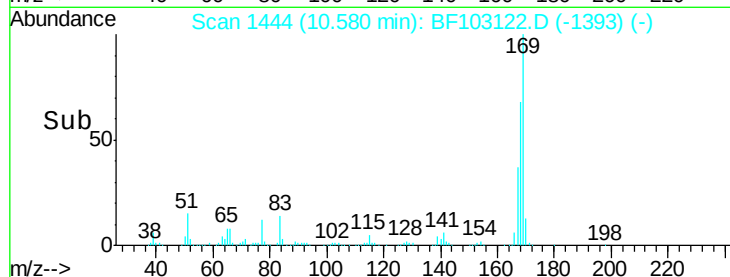
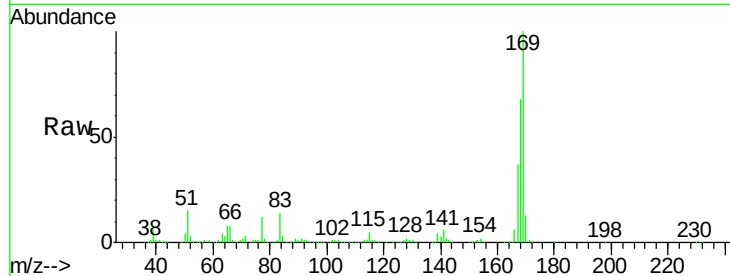
#65
 n-Nitrosodiphenylamine
 Concen: 39.782 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion:	169	Resp:	896316
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.4	81.6
167	37.1	29.8	44.6

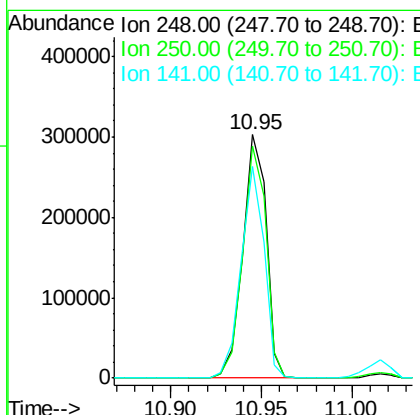
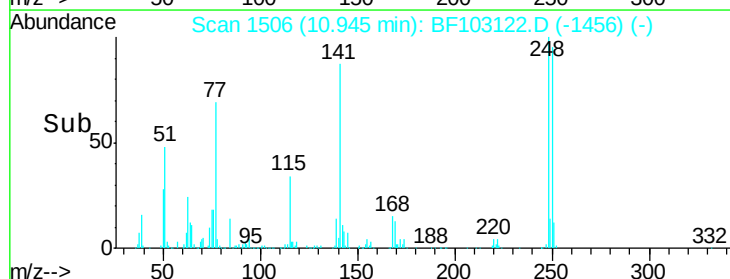
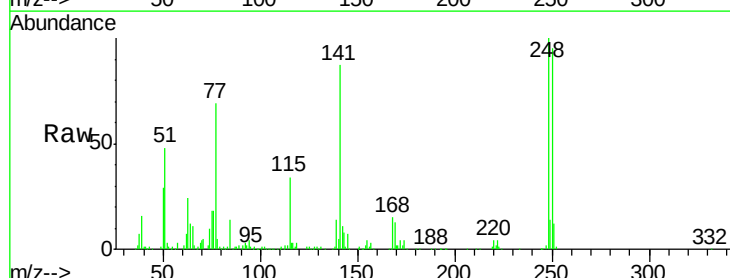
Manual Integrations
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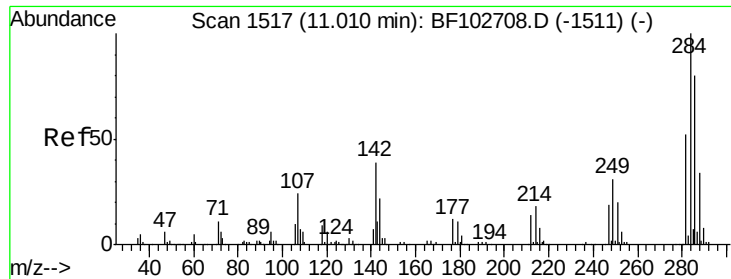
Sohil
 2/21/2018 10:10:33 AM



#66
 4-Bromophenyl-phenylether
 Concen: 40.375 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Tgt Ion:	248	Resp:	272805
Ion Ratio	Lower	Upper	
248	100		
250	95.1	76.9	115.3
141	86.7	74.4	111.6





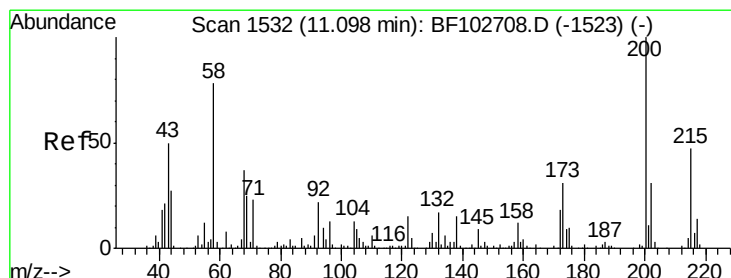
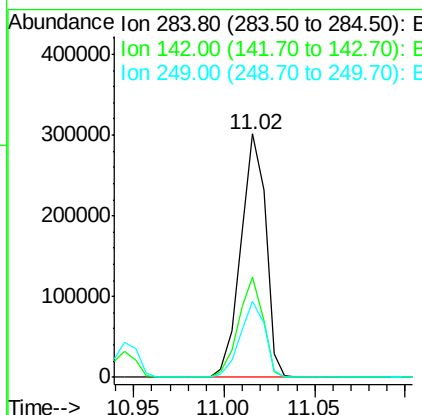
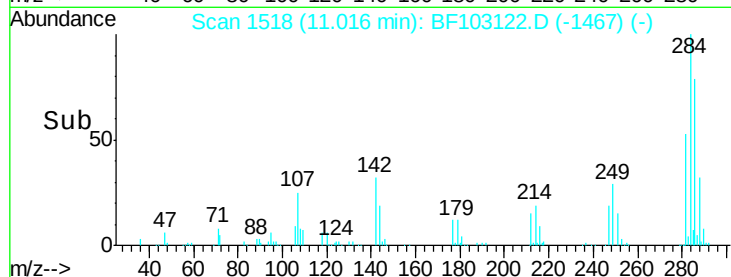
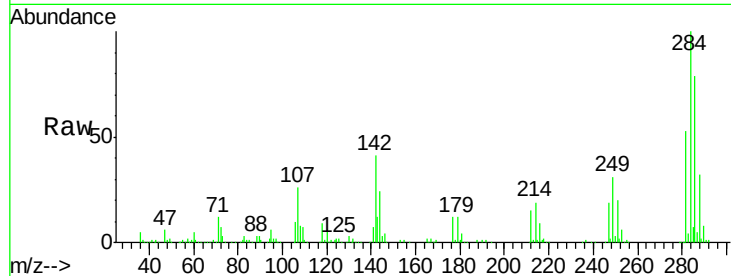
#67
Hexachlorobenzene
Concen: 38.651 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	288106		
142	41.0		34.6	52.0
249	31.3		24.8	37.2

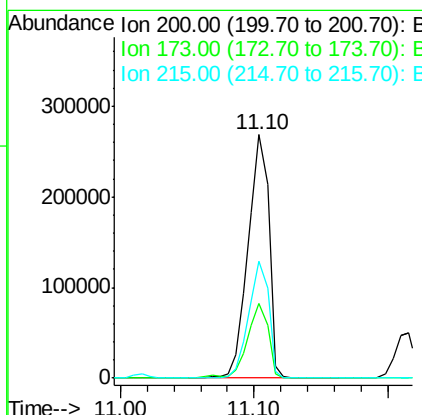
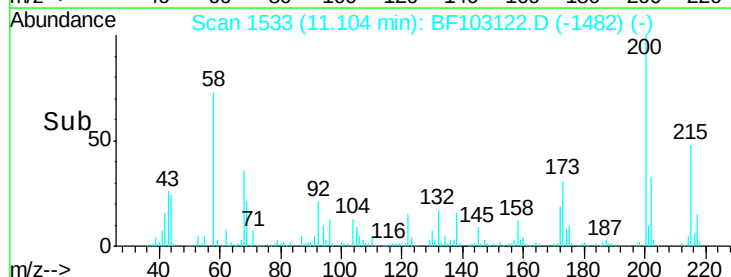
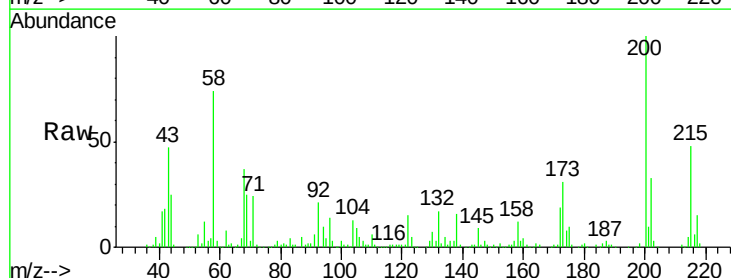
Manual Integrations
APPROVED

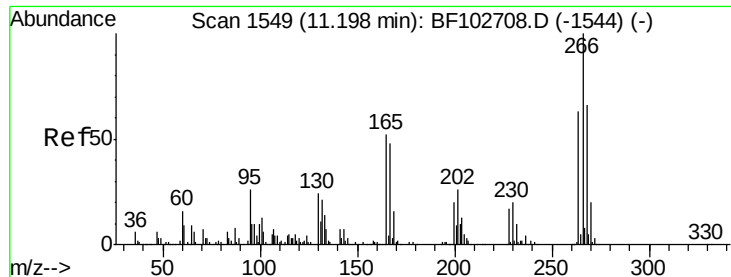
Sohil
2/21/2018 10:10:33 AM



#68
Atrazine
Concen: 43.073 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	286293		
173	30.9		8.6	48.6
215	47.9		25.1	65.1





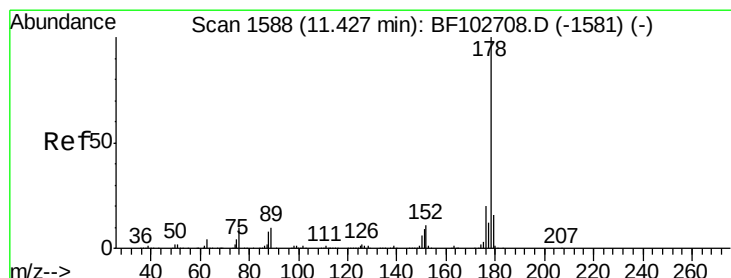
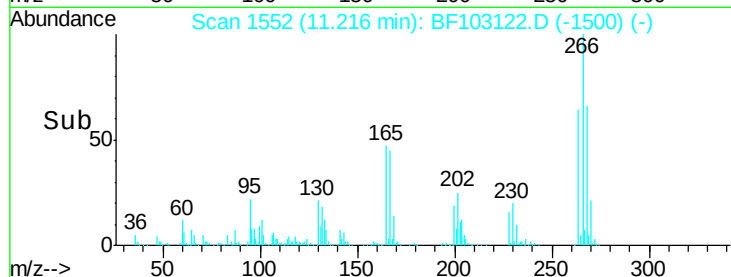
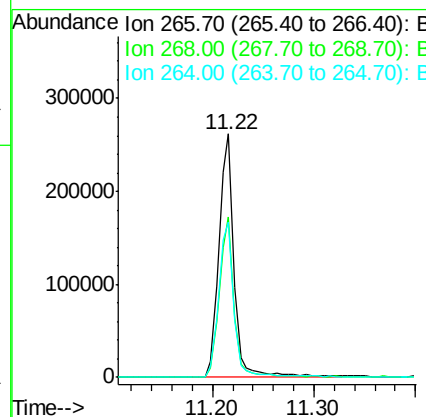
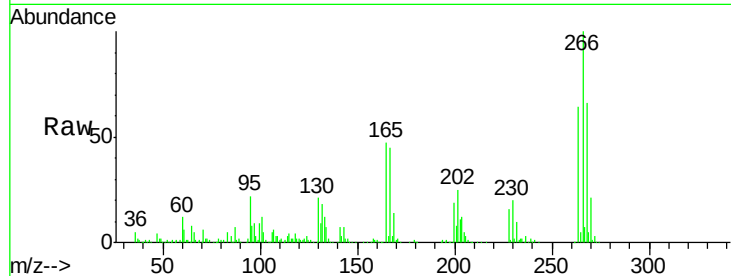
#69
 Pentachlorophenol
 Concen: 62.751 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	274575		
268	65.7		51.1	76.7
264	63.9		49.5	74.3

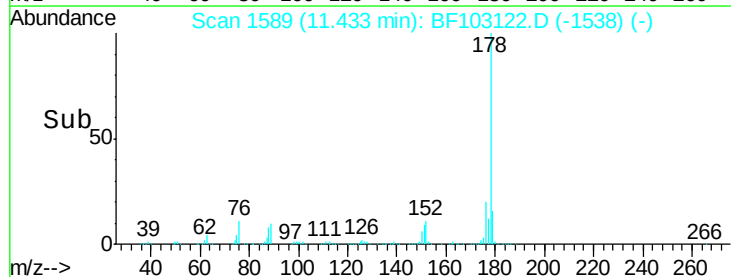
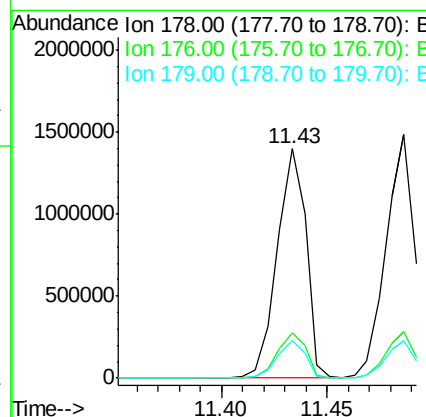
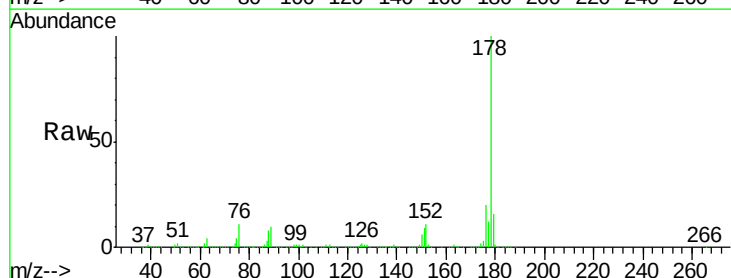
Manual Integrations
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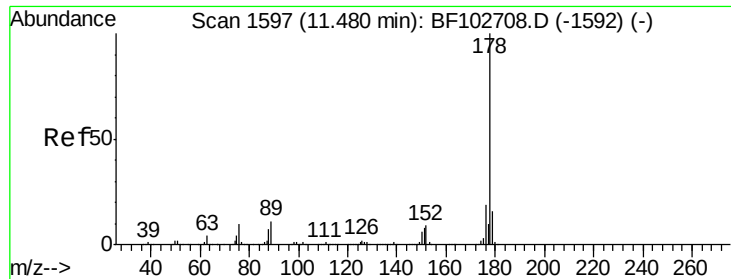
Sohil
 2/21/2018 10:10:33 AM



#70
 Phenanthrene
 Concen: 37.496 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1333882		
176	19.9		15.8	23.8
179	16.3		13.0	19.6





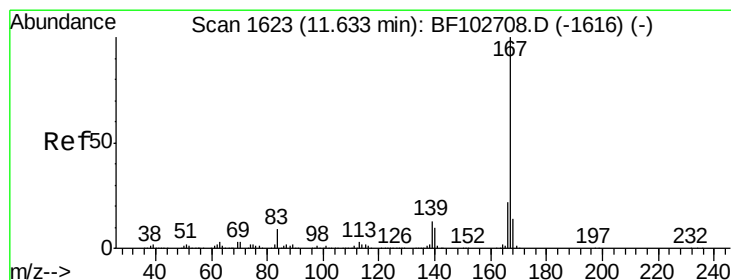
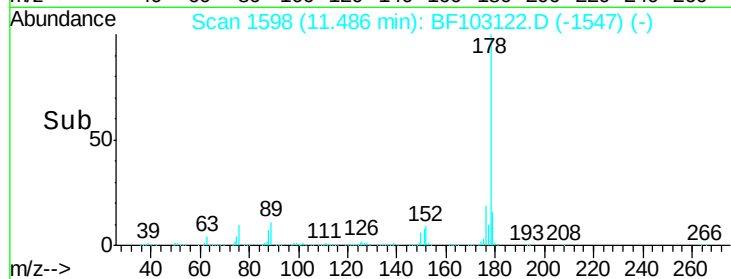
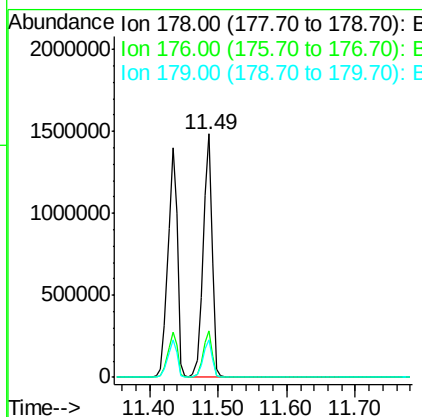
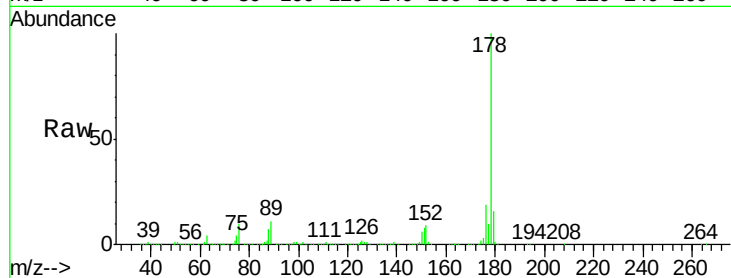
#71
 Anthracene
 Concen: 38.851 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion:178 Resp: 1405699
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.6 19.0

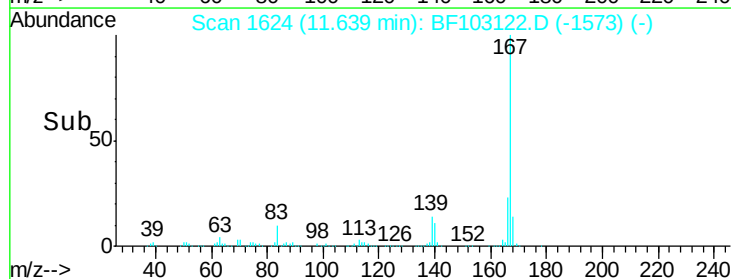
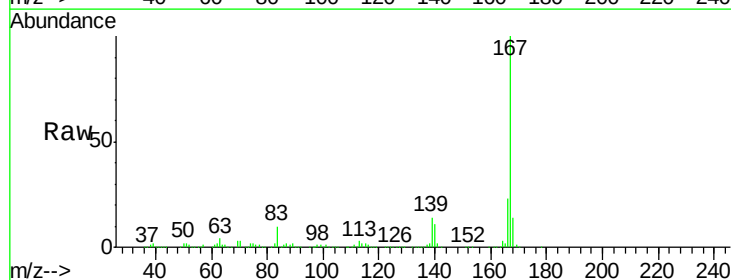
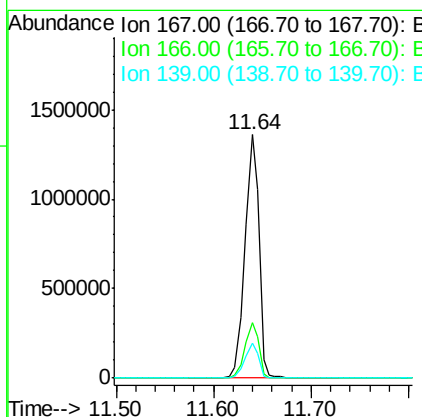
Manual Integrations
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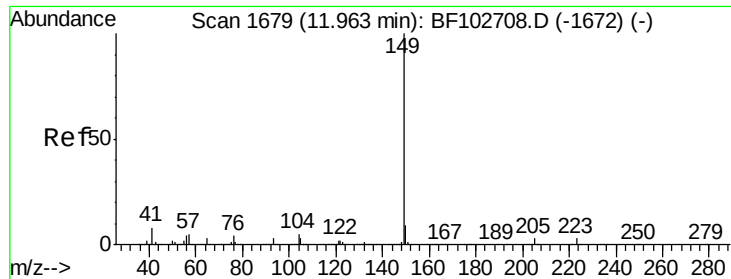
Sohil
 2/21/2018 10:10:33 AM



#72
 Carbazole
 Concen: 38.389 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Tgt Ion:167 Resp: 1360767
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 14.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.159 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampled :

TP-3MS

Tot Ion:149 Resp: 1772265

Ion Ratio Lower Upper

149 100

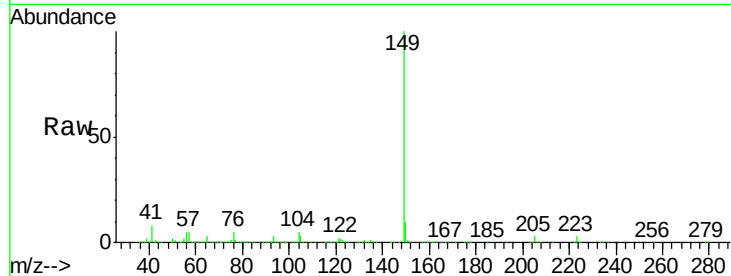
150 9.5 7.8 11.6

104 5.0 3.8 5.8

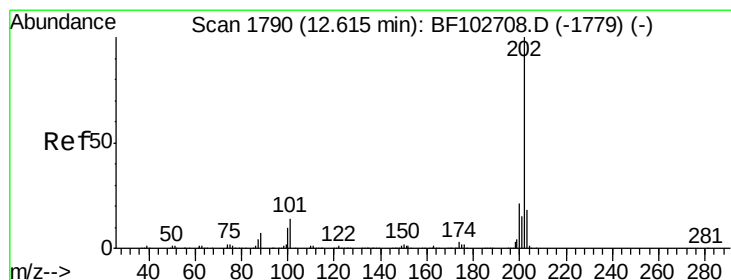
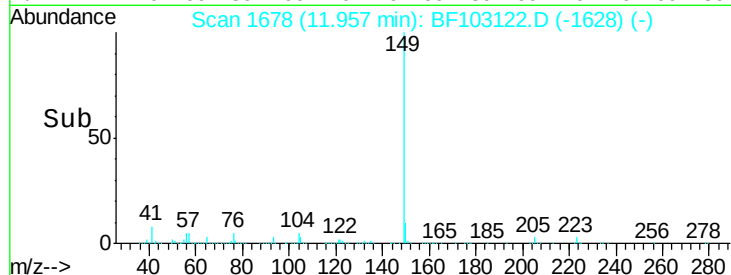
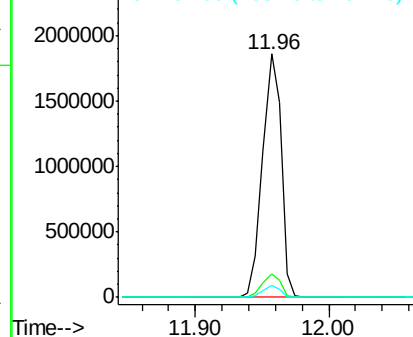
Manual Integrations
APPROVED

Sohil

2/21/2018 10:10:33 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.128 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

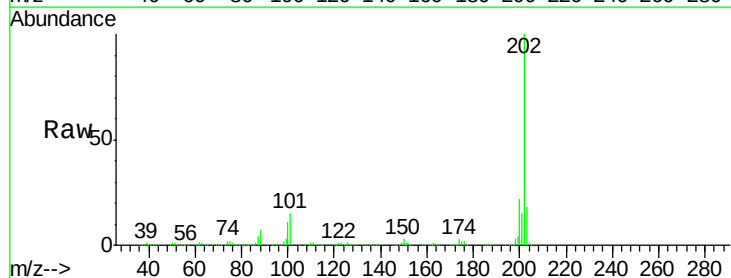
Tgt Ion:202 Resp: 1293074

Ion Ratio Lower Upper

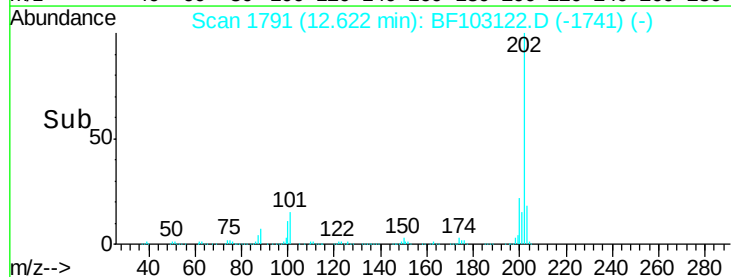
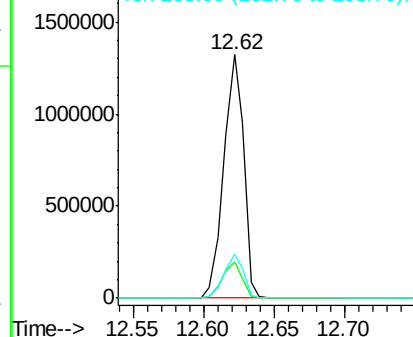
202 100

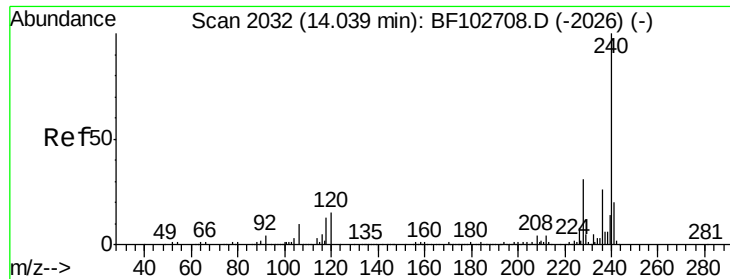
101 14.8 0.0 34.1

203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

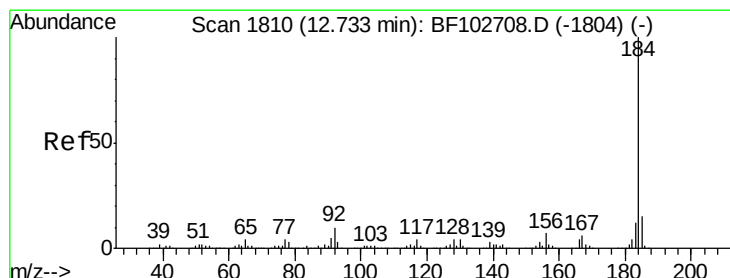
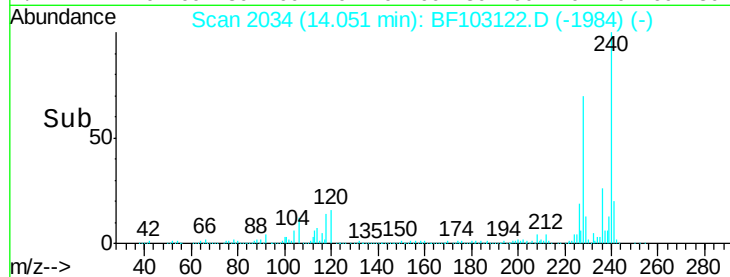
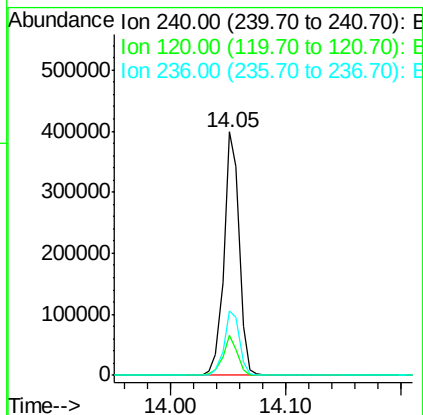
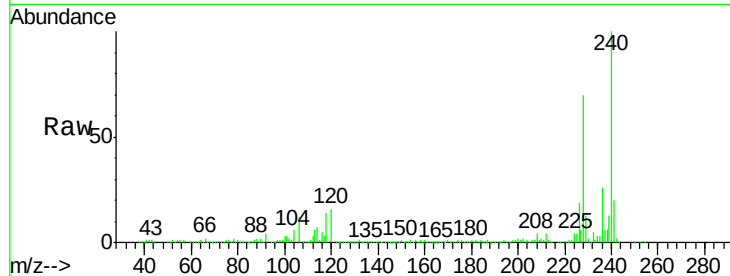
ClientSampleId :

TP-3MS

Tot Ion:	240	Resp:	365001
Ion Ratio	Lower	Upper	
240	100		
120	16.5	9.5	14.3#
236	26.5	20.7	31.1

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#76

Benzidine

Concen: 26.968 ng

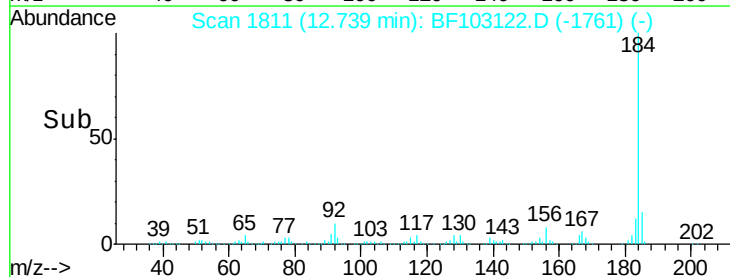
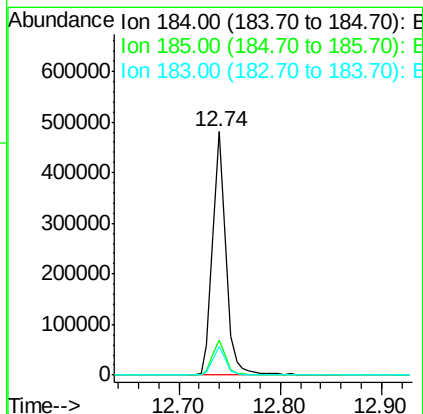
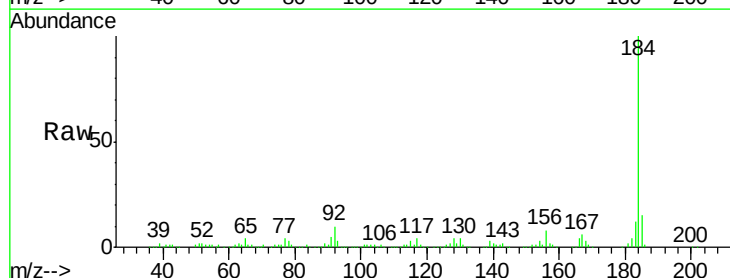
RT: 12.74 min Scan# 1811

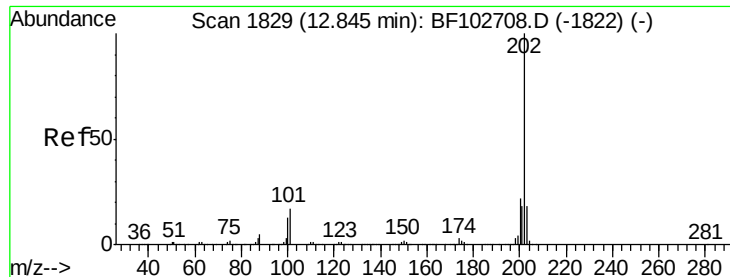
Delta R.T. -0.01 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Tgt Ion:	184	Resp:	452396
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	18.8
183	11.8	9.3	13.9





#77

Pvrene

Concen: 45.037 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tot Ion:202 Resp: 1289033

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

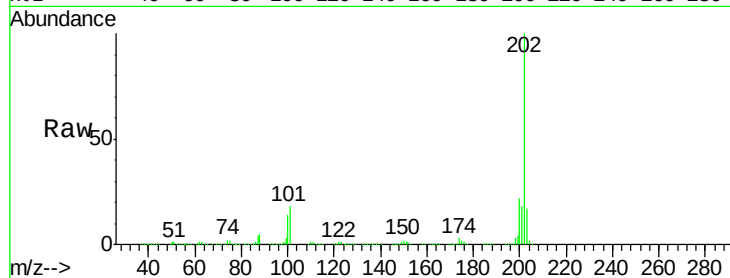
203 17.5 14.3 21.5

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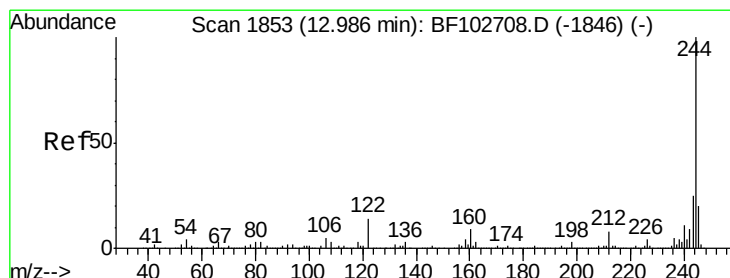
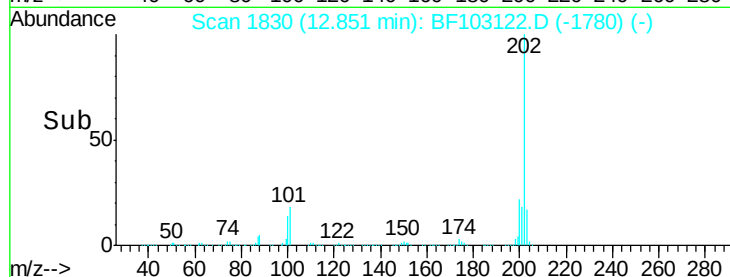
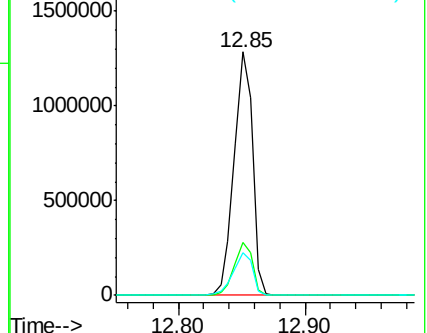
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 96.601 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

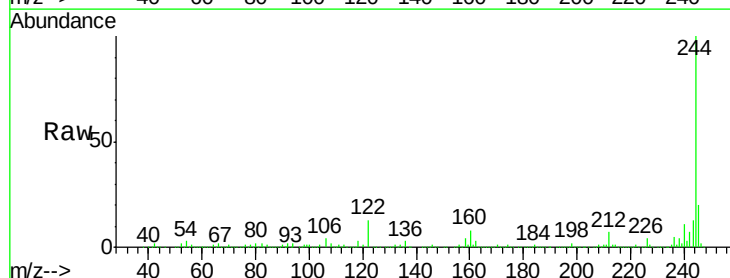
Tgt Ion:244 Resp: 1489134

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

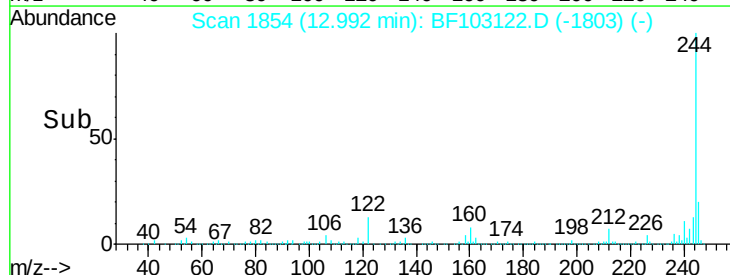
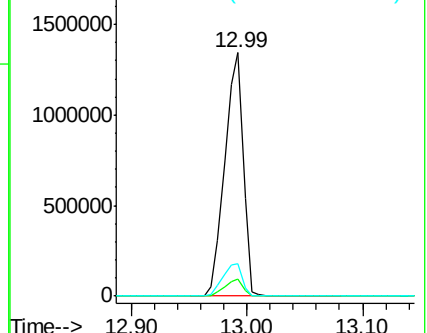
122 13.1 11.0 16.4

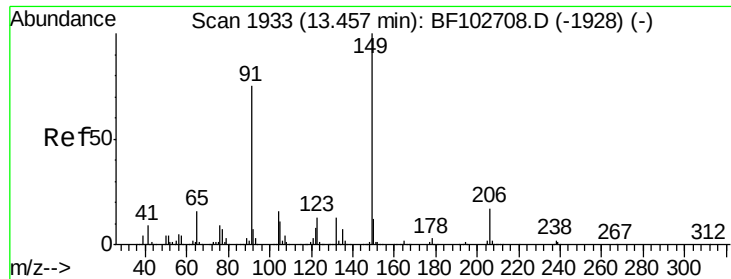


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





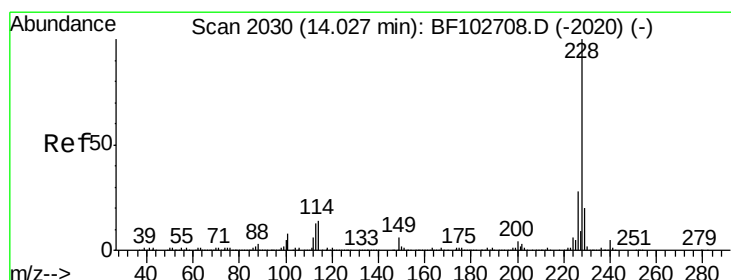
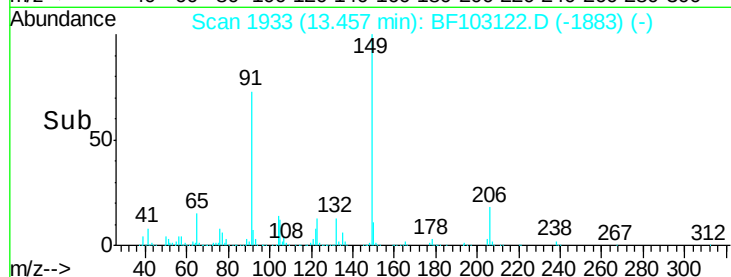
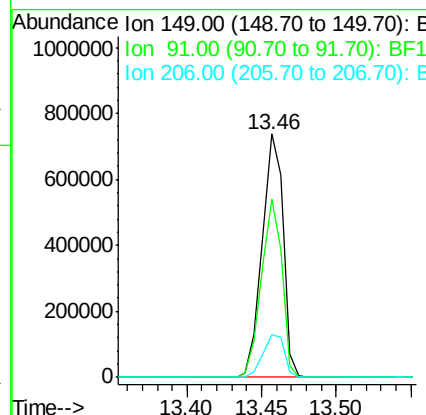
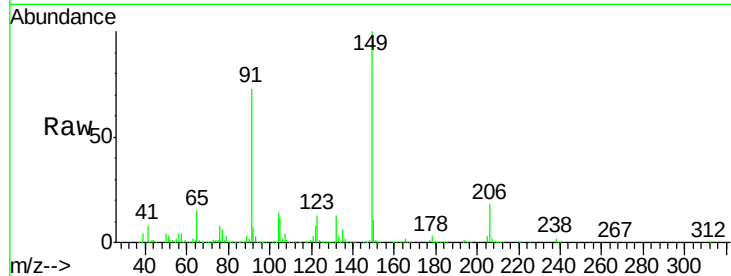
#79
Butylbenzylphthalate
Concen: 51.628 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.2	56.8	85.2
206	17.6	14.1	21.1

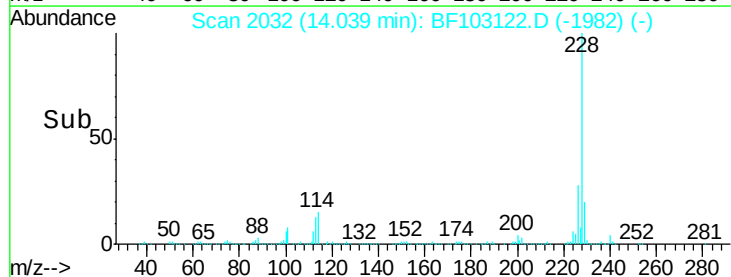
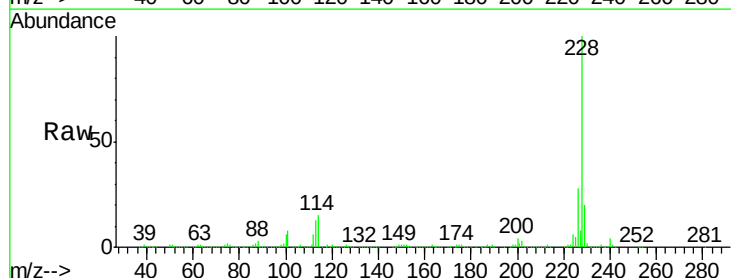
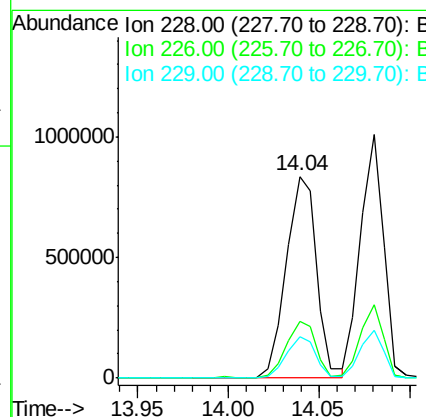
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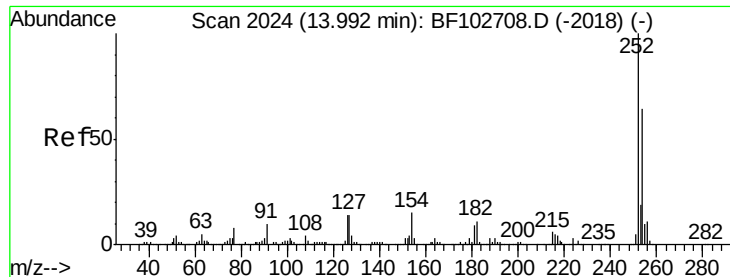
Sohil
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#80
Benzo(a)anthracene
Concen: 42.869 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.2	15.8	23.6





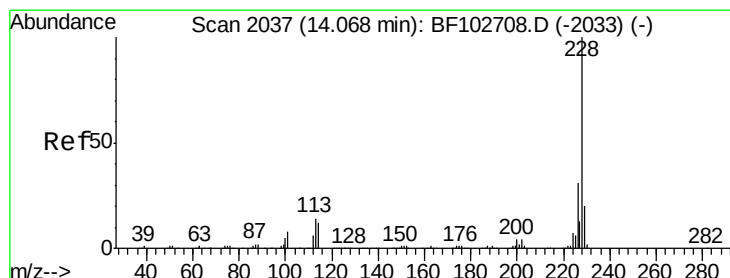
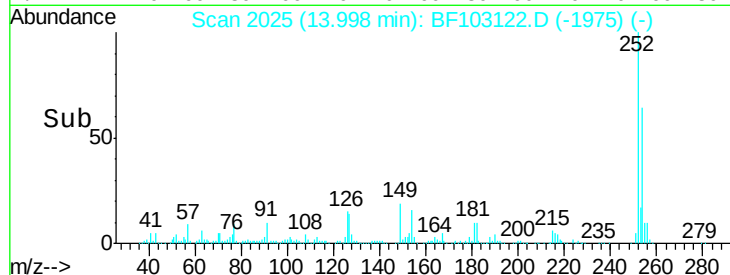
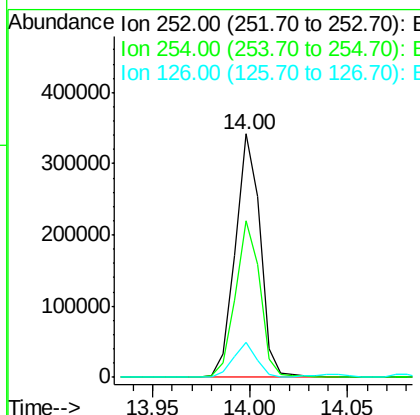
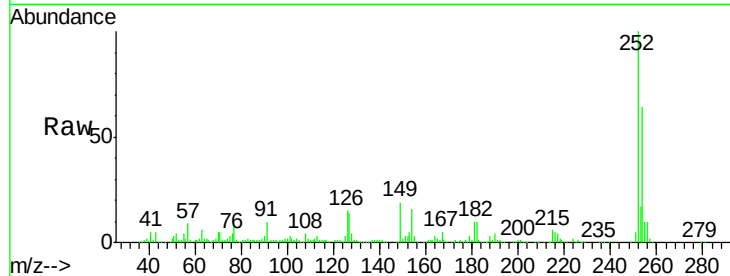
#81
 3,3'-Dichlorobenzidine
 Concen: 35.684 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Instrument :
 BNA_F
 ClientSampled :
 TP-3MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.5	50.4	75.6
126	14.6	11.3	16.9

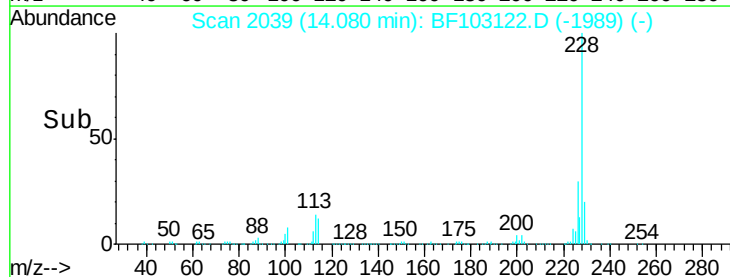
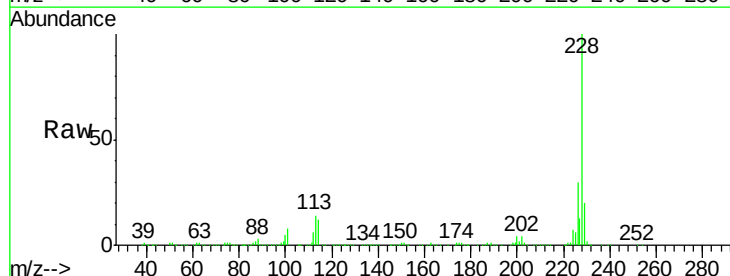
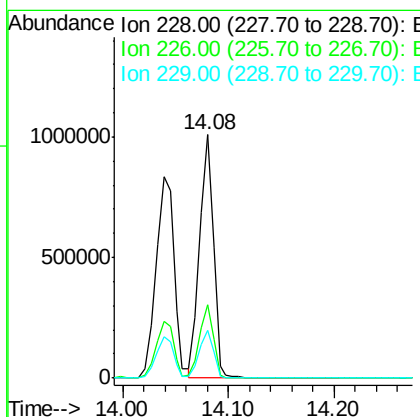
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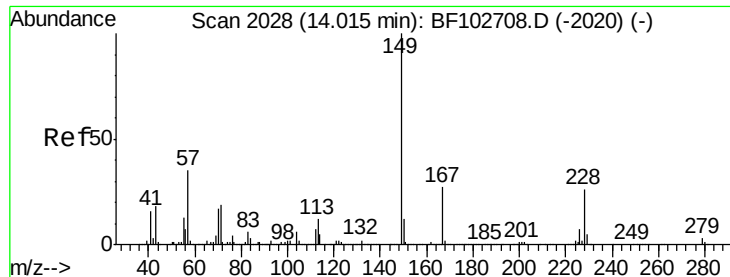
Sohil
 2/21/2018 10:10:33 AM



#82
 Chrysene
 Concen: 39.367 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.168 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Instrument :

BNA_F

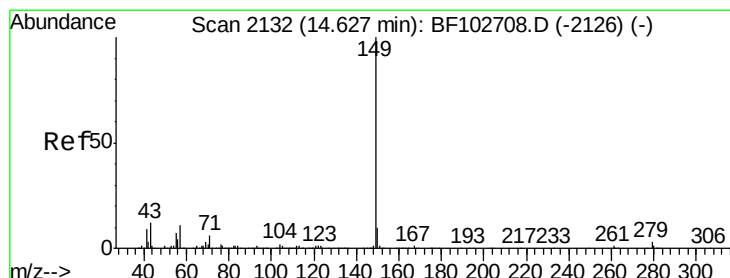
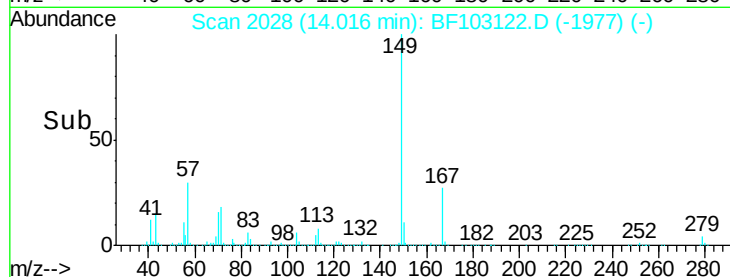
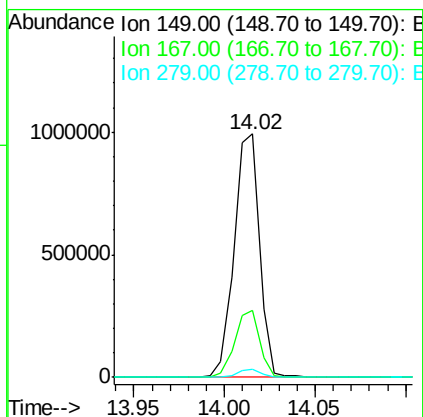
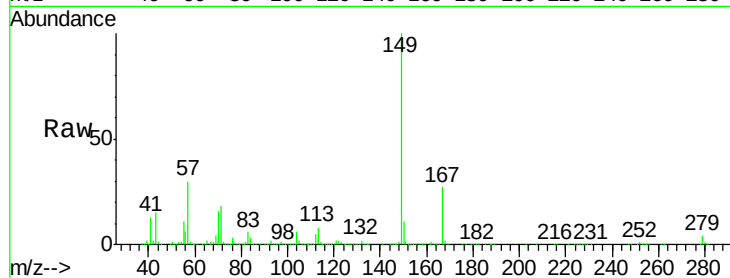
ClientSampleId :

TP-3MS

Tot Ion:	149	Resp:	967281
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.3	31.9
279	3.6	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 57.725 ng

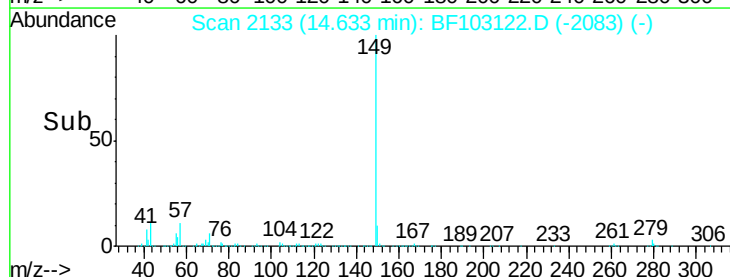
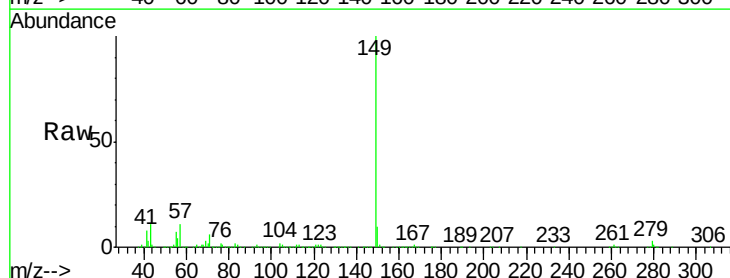
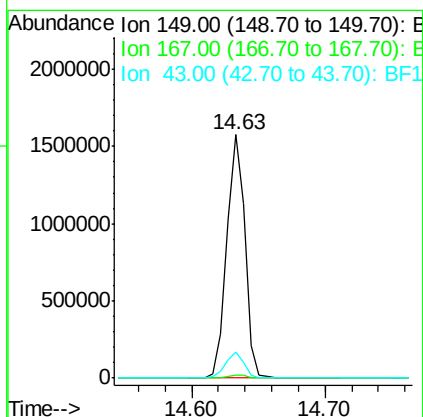
RT: 14.63 min Scan# 2133

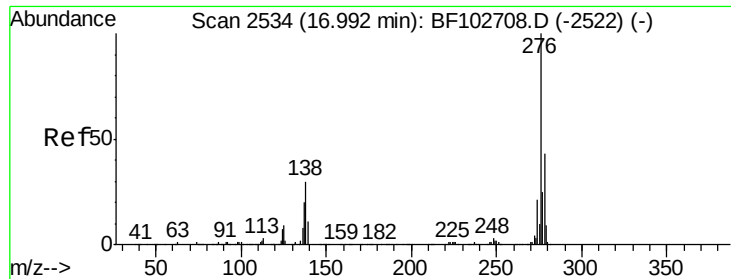
Delta R.T. -0.01 min

Lab File: BF103122.D

Acq: 20 Feb 2018 18:31

Tgt Ion:	149	Resp:	1519709
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.4	8.4	12.6





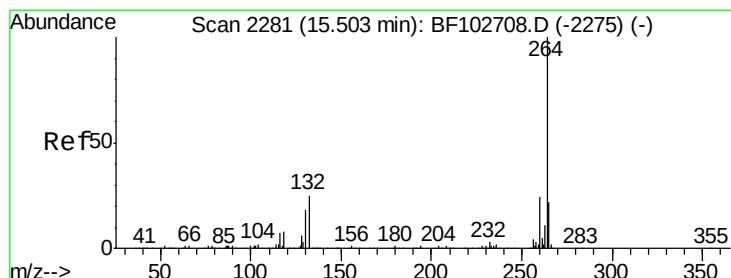
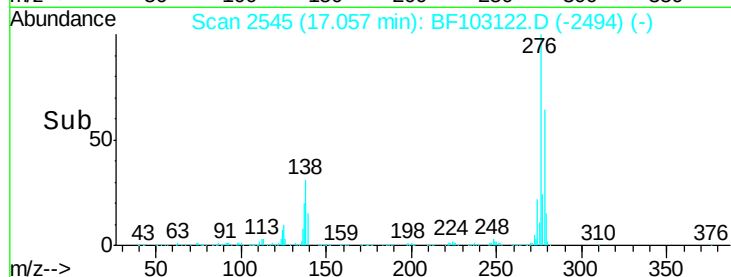
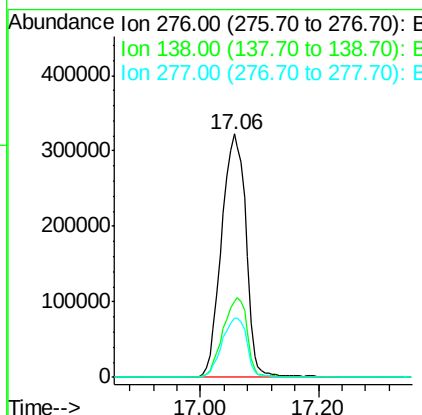
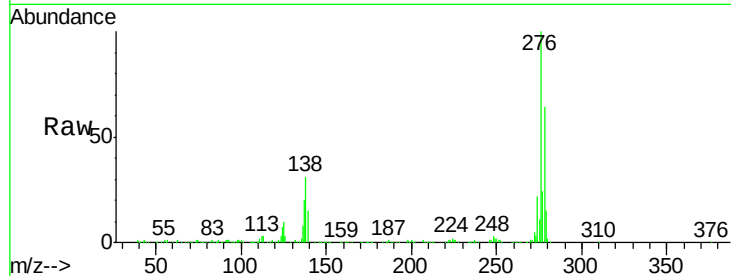
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.838 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.4	25.0	37.6
277	24.9	20.1	30.1

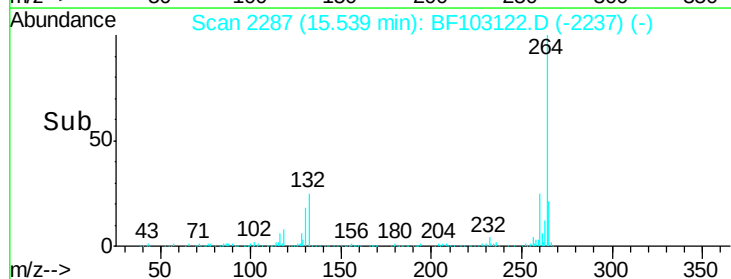
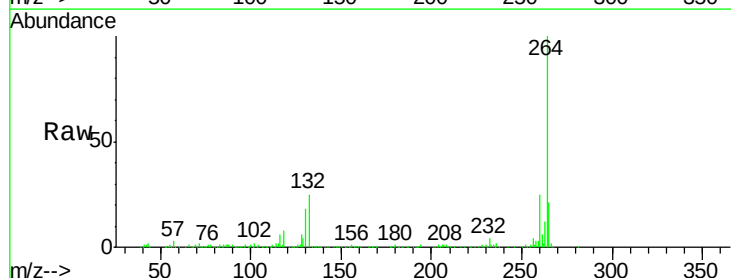
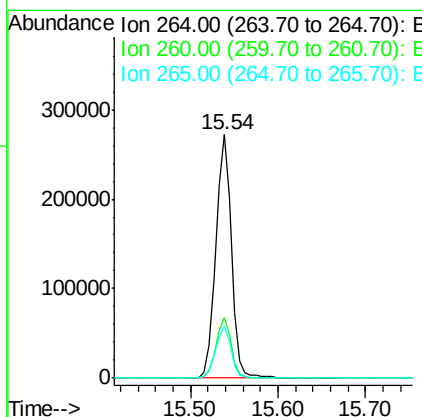
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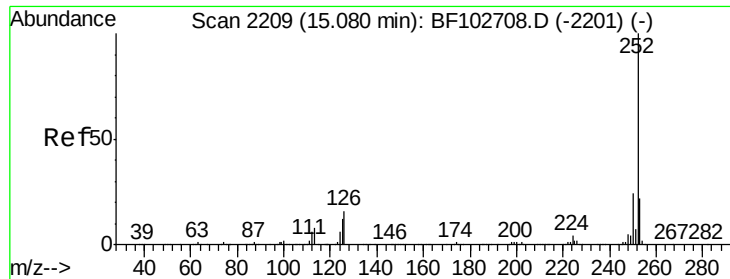
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.2	17.5	26.3





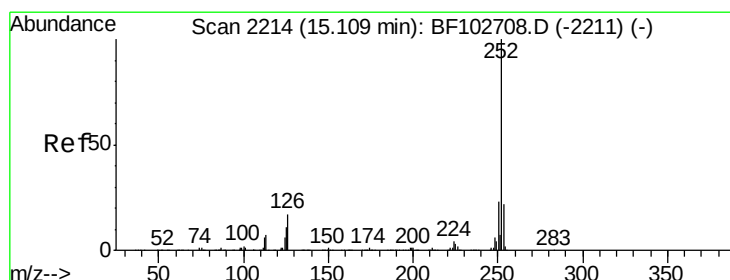
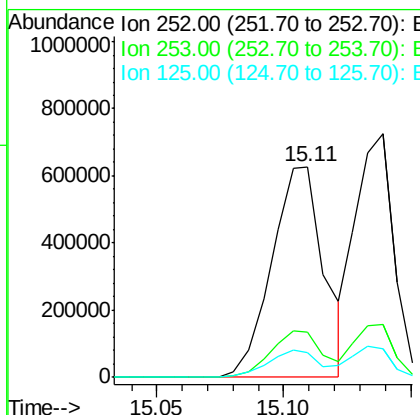
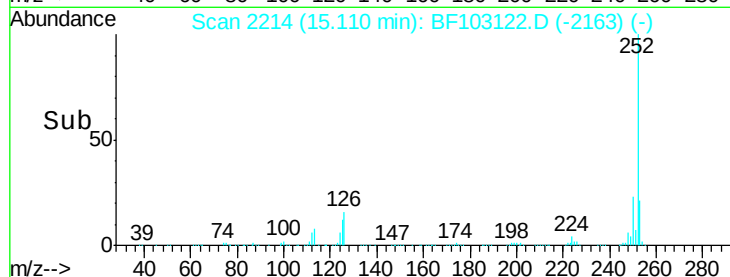
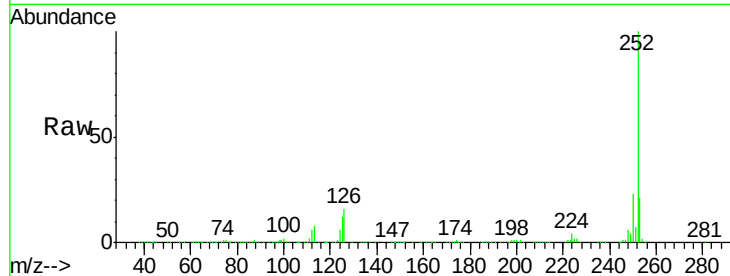
#87
Benzo(b)fluoranthene
Concen: 41.110 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	11.8	9.0	13.6

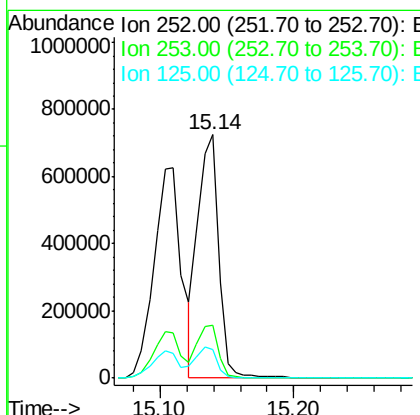
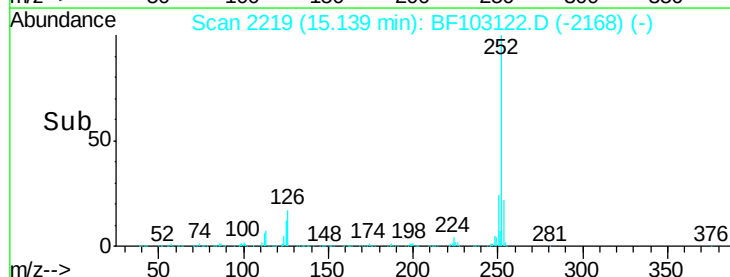
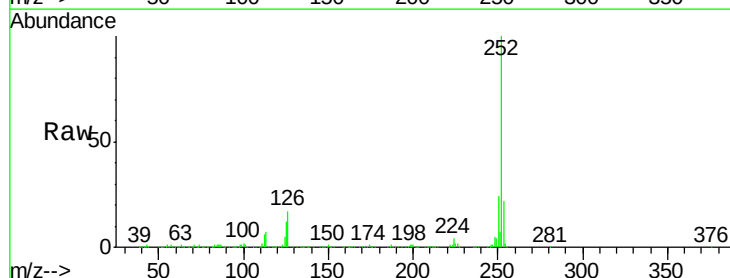
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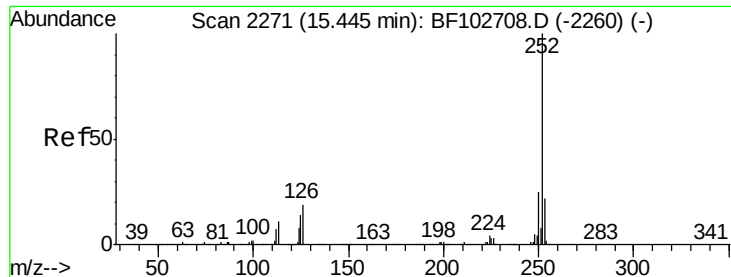
Sohil
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#88
Benzo(k)fluoranthene
Concen: 37.078 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	12.0	10.2	15.2





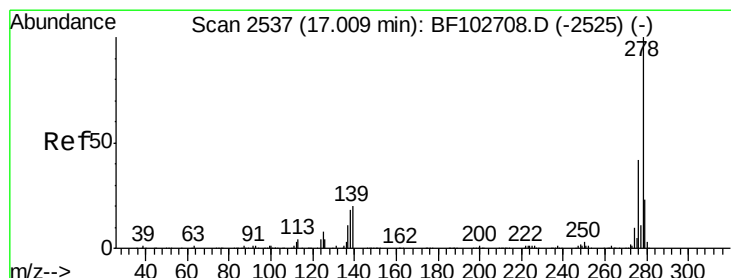
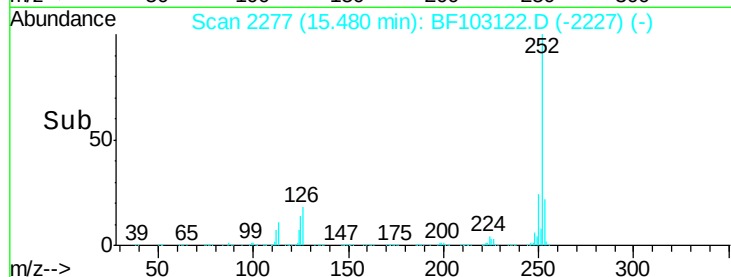
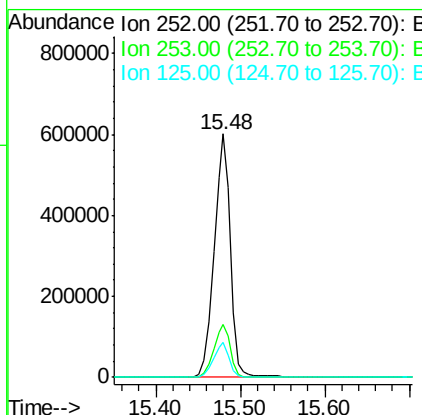
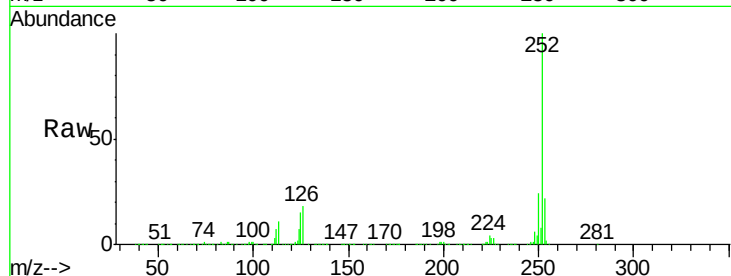
#89
Benzo(a)pyrene
Concen: 41.415 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	14.6	9.8	14.6

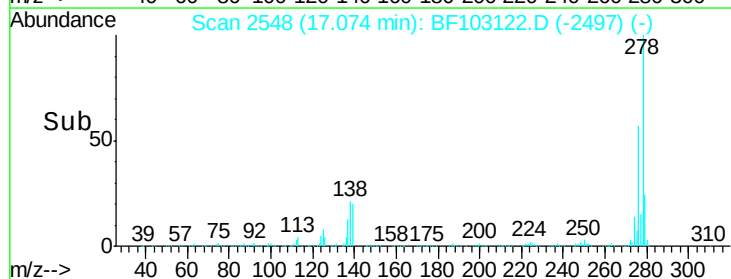
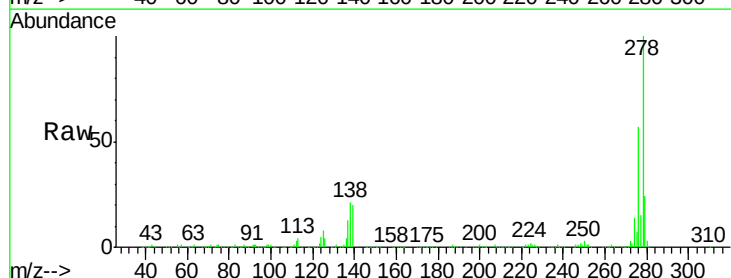
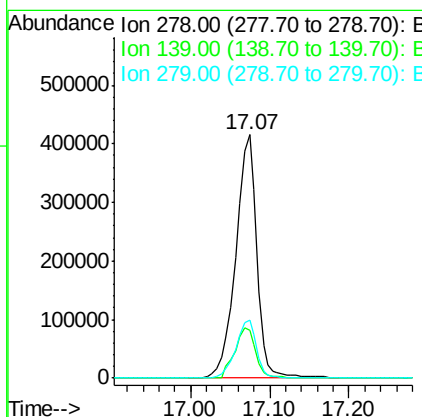
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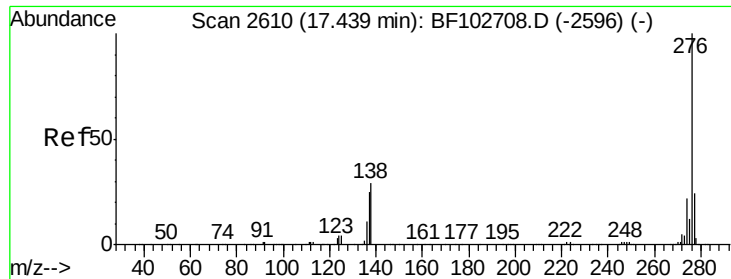
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 47.768 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BF103122.D
Acq: 20 Feb 2018 18:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.9	23.9
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 50.485 ng
 RT: 17.52 min Scan# 2624
 Delta R.T. 0.00 min
 Lab File: BF103122.D
 Acq: 20 Feb 2018 18:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	28.2	21.8	32.8

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