

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104946.D
 Acq On : 30 Apr 2018 21:14
 Operator : JU/SJ
 Sample : J2597-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KS-RO-133MSD

Manual Integrations
 APPROVED

Quant Time: May 01 07:01:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	130541	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	541250	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	238809	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	379199	20.00	ng	0.00
75) Chrysene-d12	13.97	240	244421	20.00	ng	0.00
86) Perylene-d12	15.43	264	214718	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	904472	105.94	ng	0.03
7) Phenol-d6	6.45	99	1044991	99.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	751854	90.71	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	268326	108.32	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1307247	86.48	ng	0.00
78) Terphenyl-d14	12.91	244	973448	90.80	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	121910	30.646	ng	# 74
3) Pyridine	3.41	79	250741m	22.419	ng	
4) n-Nitrosodimethylamine	3.37	42	137407	35.145	ng	80
6) Aniline	6.46	93	151177	10.373	ng	# 50
8) 2-Chlorophenol	6.59	128	355594	39.463	ng	92
9) Benzaldehyde	6.35	77	42762	5.194	ng	99
10) Phenol	6.46	94	362998	32.615	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	338616	38.125	ng	94
12) 1,3-Dichlorobenzene	6.73	146	382630	37.482	ng	99
13) 1,4-Dichlorobenzene	6.81	146	390055	38.331	ng	99
14) 1,2-Dichlorobenzene	6.96	146	357006	37.858	ng	99
15) Benzyl Alcohol	6.95	79	277367	34.814	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	383590	32.159	ng	62
17) 2-Methylphenol	7.06	107	283942	36.250	ng	# 91
18) Hexachloroethane	7.30	117	136605	37.651	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	230510	33.629	ng	89
20) 3+4-Methylphenols	7.21	107	345851	35.602	ng	# 64
22) Acetophenone	7.20	105	486988	36.546	ng	99
24) Nitrobenzene	7.38	77	365790	39.971	ng	97
25) Isophorone	7.62	82	662066	37.772	ng	97
26) 2-Nitrophenol	7.70	139	195834	52.564	ng	91
27) 2,4-Dimethylphenol	7.74	122	312092	40.344	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	428967	40.027	ng	99
29) 2,4-Dichlorophenol	7.94	162	296616	40.186	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	315937	39.003	ng	98
31) Naphthalene	8.10	128	1041600	38.647	ng	99
32) Benzoic acid	7.88	122	186829	30.269	ng	97
33) 4-Chloroaniline	8.15	127	90787	7.863	ng	96
34) Hexachlorobutadiene	8.20	225	172166	38.803	ng	98
35) Caprolactam	8.53	113	69705m	27.071	ng	
36) 4-Chloro-3-methylphenol	8.65	107	302730	38.251	ng	99
37) 2-Methylnaphthalene	8.79	142	676245	38.790	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	291298	42.612	ng	99
40) Hexachlorocyclopentadiene	8.93	237	103055	26.928	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
42) 2,4,6-Trichlorophenol	9.07	196	193019	40.674	nq	99	
43) 2,4,5-Trichlorophenol	9.12	196	197453	37.182	nq	98	
45) 1,1'-Biphenyl	9.26	154	788729	39.315	nq	98	
46) 2-Chloronaphthalene	9.28	162	620785	39.176	nq	99	
47) 2-Nitroaniline	9.39	65	176943	45.153	nq	92	
48) Acenaphthylene	9.70	152	897933	36.117	nq	99	
49) Dimethylphthalate	9.56	163	744338	39.525	nq	100	Sohil
50) 2,6-Dinitrotoluene	9.63	165	157274	45.134	nq	94	
51) Acenaphthene	9.87	154	528654	34.850	nq	98	
52) 3-Nitroaniline	9.80	138	104838	25.699	nq	94	
53) 2,4-Dinitrophenol	9.91	184	37187	36.325	nq	22	#
54) Dibenzofuran	10.04	168	778414	36.822	nq	96	5/1/2018 7:05:45 PM
55) 4-Nitrophenol	9.97	139	170660	53.255	nq	98	
56) 2,4-Dinitrotoluene	10.03	165	184737	40.416	nq	90	
57) Fluorene	10.39	166	611205	39.722	nq	99	
58) 2,3,4,6-Tetrachlorophenol	10.16	232	147734	37.290	nq	94	
59) Diethylphthalate	10.26	149	697316	37.180	nq	98	
60) 4-Chlorophenyl-phenylether	10.37	204	290407	42.379	nq	97	
61) 4-Nitroaniline	10.42	138	147858	37.068	nq	97	
62) Azobenzene	10.53	77	608773	33.974	nq	95	
64) 4,6-Dinitro-2-methylphenol	10.45	198	32178	22.104	nq	81	
65) n-Nitrosodiphenylamine	10.50	169	548085	41.686	nq	100	
66) 4-Bromophenyl-phenylether	10.86	248	174893	43.361	nq	95	
67) Hexachlorobenzene	10.93	284	185512	40.875	nq	89	#
68) Atrazine	11.03	200	159975	40.310	nq	100	
69) Pentachlorophenol	11.13	266	155685	55.448	nq	95	
70) Phenanthrene	11.35	178	802415	37.998	nq	99	
71) Anthracene	11.40	178	830845	38.705	nq	99	
72) Carbazole	11.56	167	718780	34.267	nq	100	
73) Di-n-butylphthalate	11.88	149	980503	38.266	nq	99	
74) Fluoranthene	12.54	202	725764	32.894	nq	97	
77) Pyrene	12.77	202	717506	39.603	nq	99	
79) Butylbenzylphthalate	13.38	149	352317	41.277	nq	97	
80) Benzo(a)anthracene	13.96	228	610146	41.785	nq	99	
81) 3,3'-Dichlorobenzidine	13.92	252	161810	29.720	nq	98	
82) Chrysene	14.00	228	566518	37.772	nq	98	
83) Bis(2-ethylhexyl)phthalate	13.93	149	490470	44.675	nq	99	
84) Di-n-octyl phthalate	14.55	149	783031	42.685	nq	94	#
85) Indeno(1,2,3-cd)pyrene	16.90	276	463692	36.394	nq	96	
87) Benzo(b)fluoranthene	15.01	252	526647	38.835	nq	98	
88) Benzo(k)fluoranthene	15.04	252	531359	41.503	nq	99	
89) Benzo(a)pyrene	15.37	252	485115	39.980	nq	99	
90) Dibenzo(a,h)anthracene	16.90	278	390730	39.208	nq	98	
91) Benzo(g,h,i)perylene	17.34	276	378898	39.244	nq	94	#

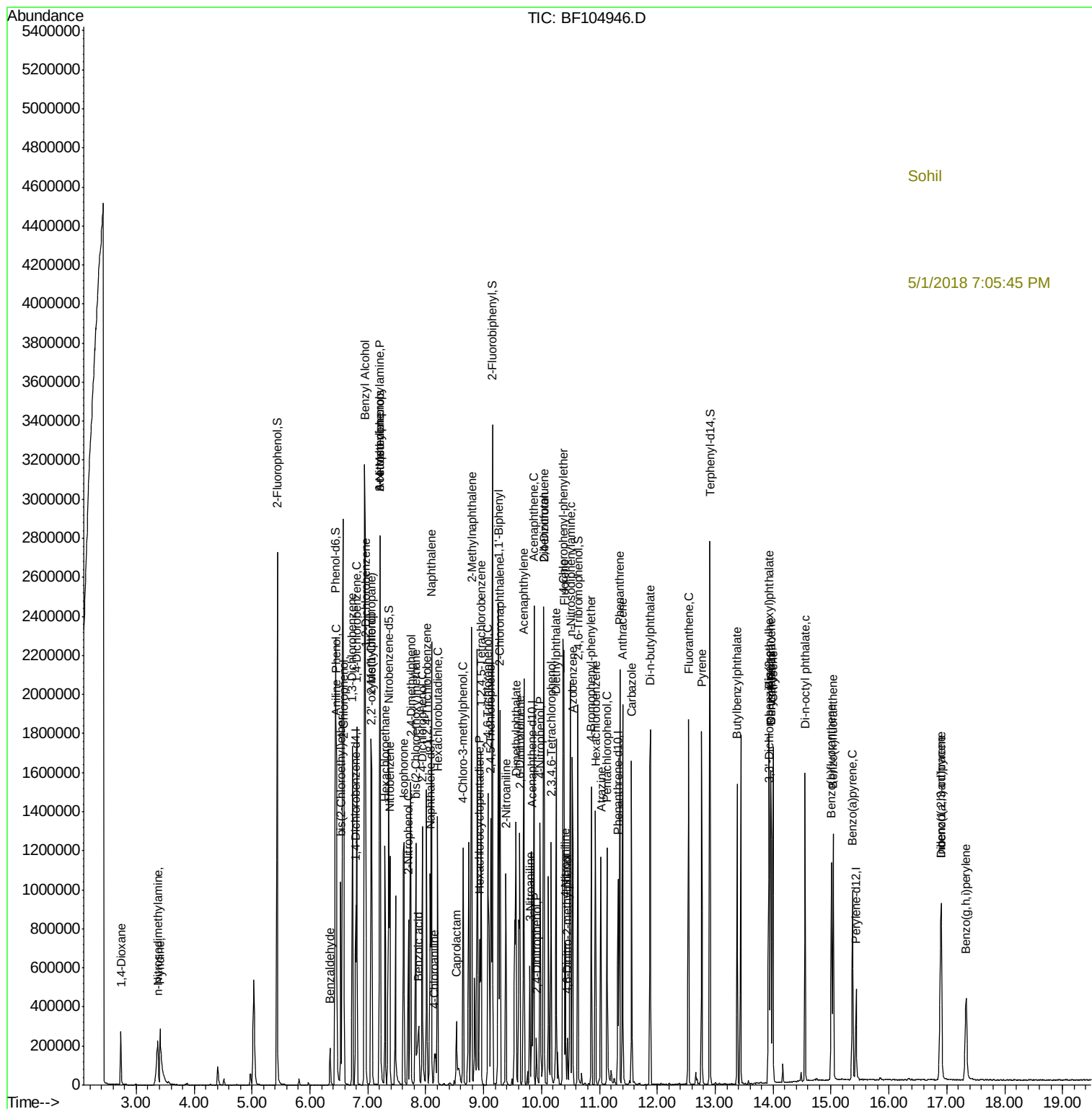
(#) = qualifier out of range (m) = manual integration (+) = signals summed

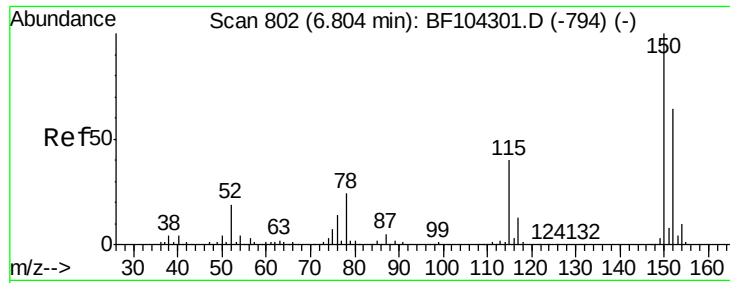
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
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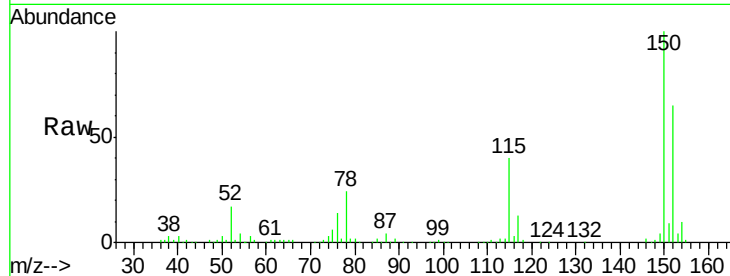
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

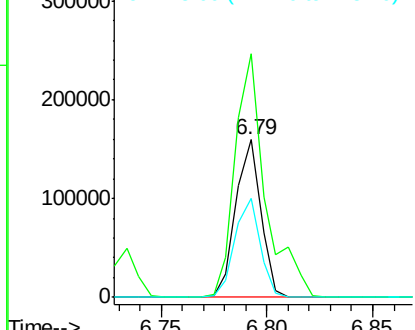
Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	62.3	50.1	75.1

Manual Integrations
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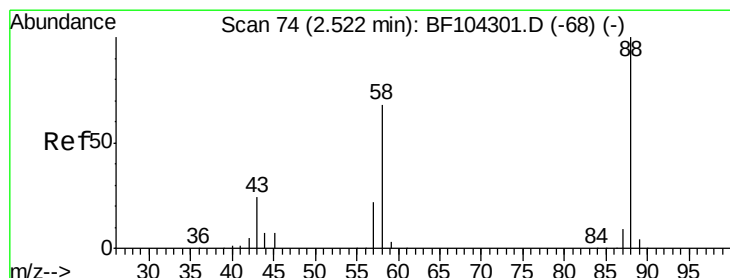
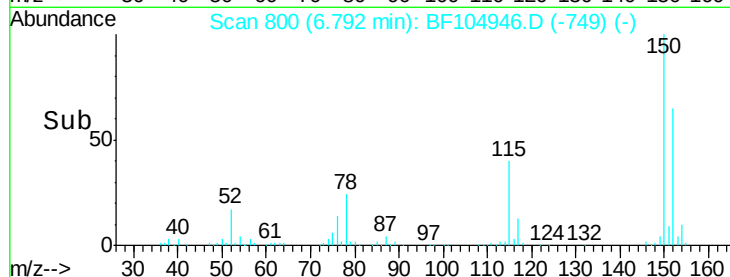


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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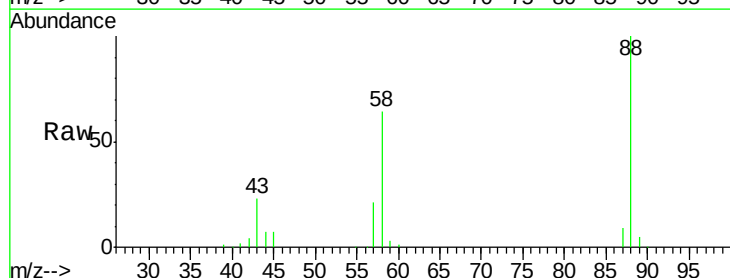
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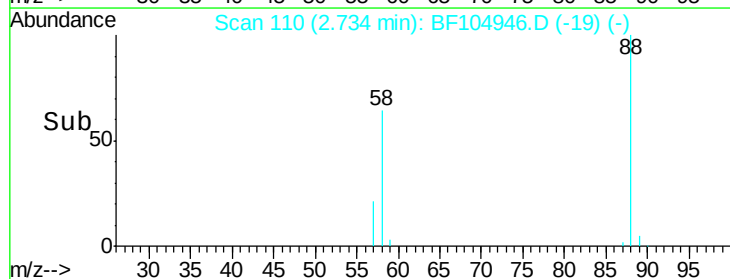
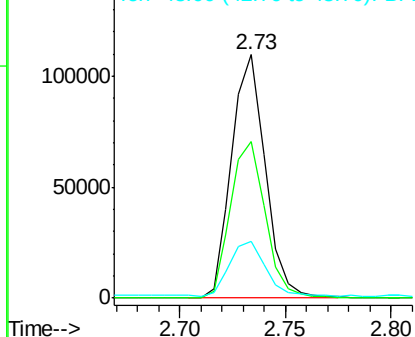
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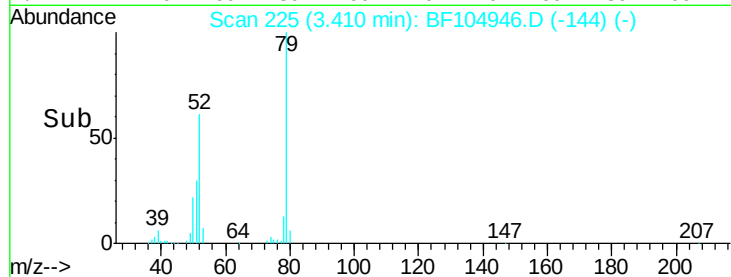
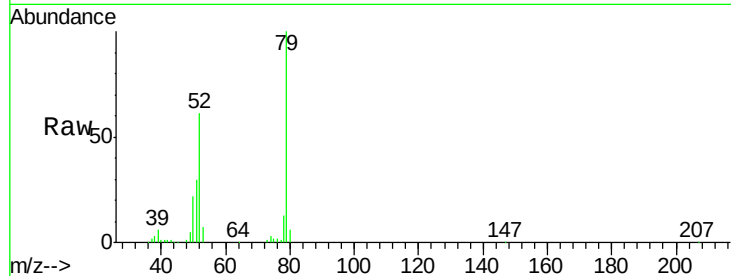
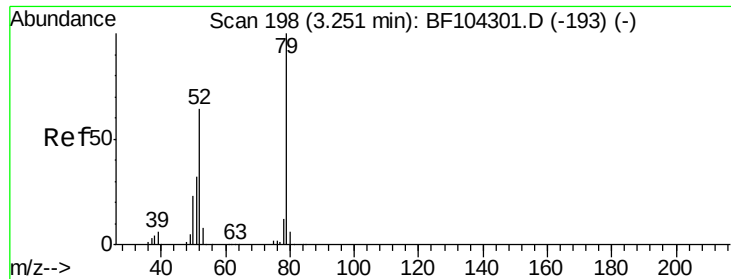
1,4-Dioxane
Concen: 30.646 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.24 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.1	62.6	93.8
43	0.0	24.6	37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1



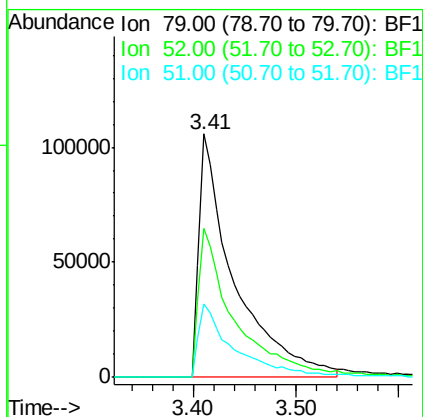


#3
 Pvridine
 Concen: 22.419 ng m
 RT: 3.41 min Scan# 225
 Delta R.T. 0.18 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.2	59.8	89.6
51	30.2	29.8	44.8

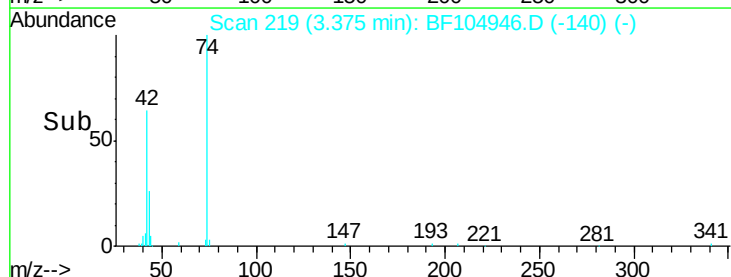
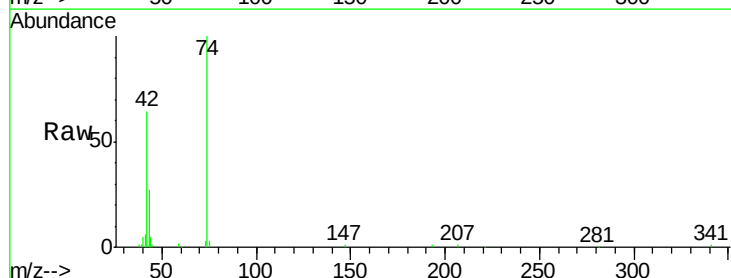
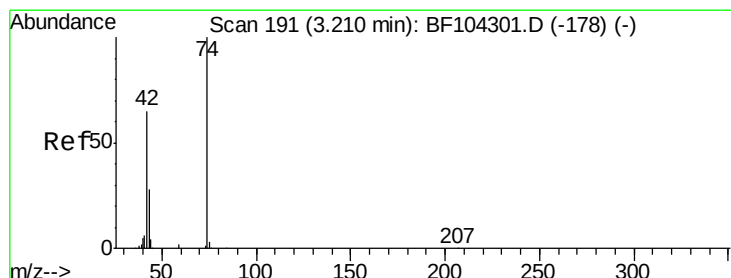
Instrument :
 BNA_F
 ClientSampleId :
 KS-RO-133MSD

Manual Integrations
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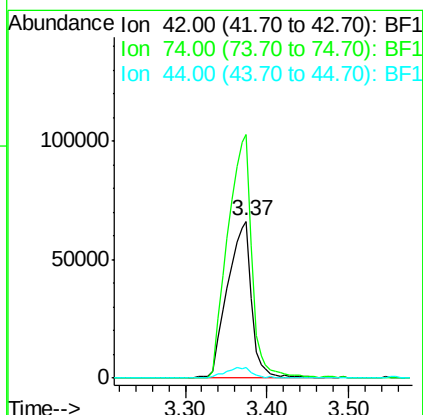
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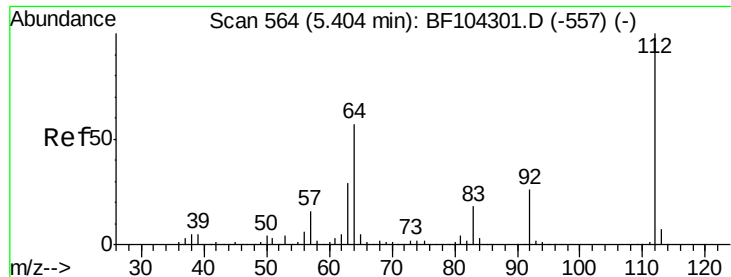
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#4
 n-Nitrosodimethylamine
 Concen: 35.145 ng
 RT: 3.37 min Scan# 219
 Delta R.T. 0.16 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.1	104.9	157.3
44	7.0	6.9	10.3





#5

2-Fluorophenol

Concen: 105.943 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.03 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

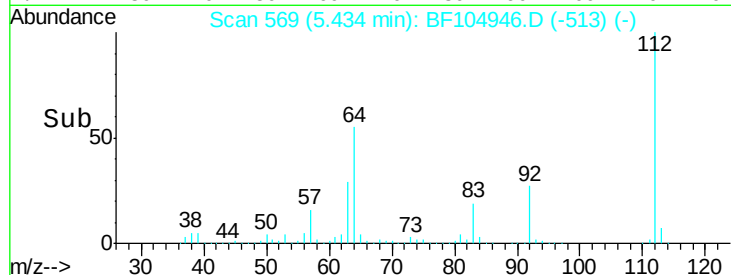
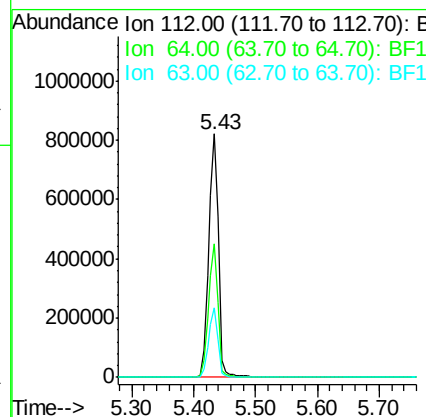
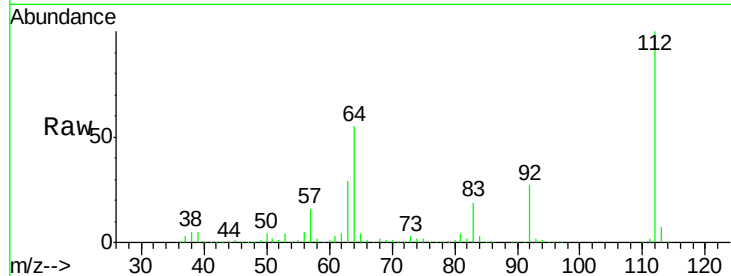
BNA_F

ClientSampled :

KS-RO-133MSD

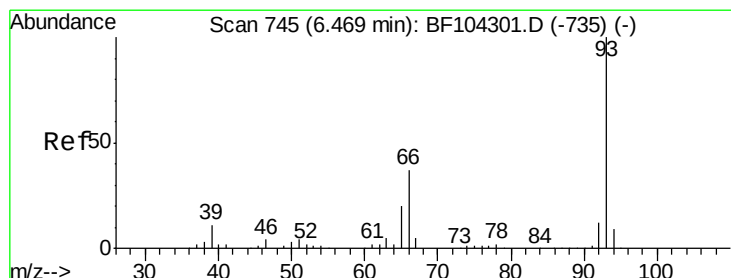
Tot Ion:	112	Resp:	904472
Ion Ratio	Lower	Upper	
112	100		
64	54.8	47.9	71.9
63	28.7	23.7	35.5

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#6

Aniline

Concen: 10.373 ng

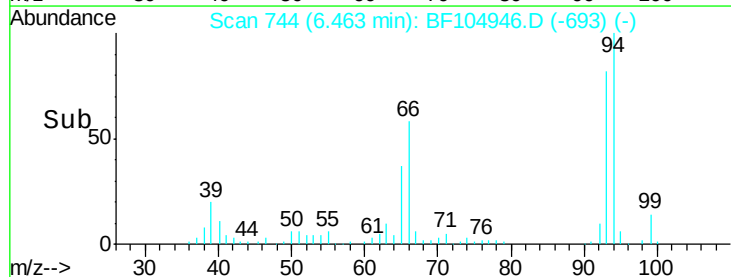
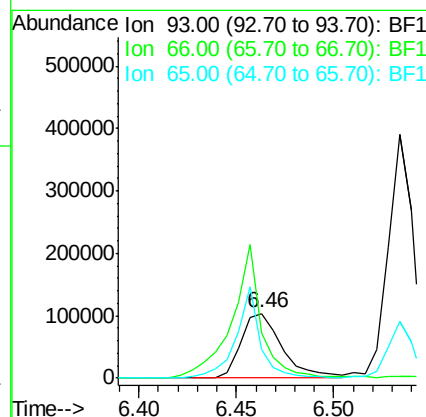
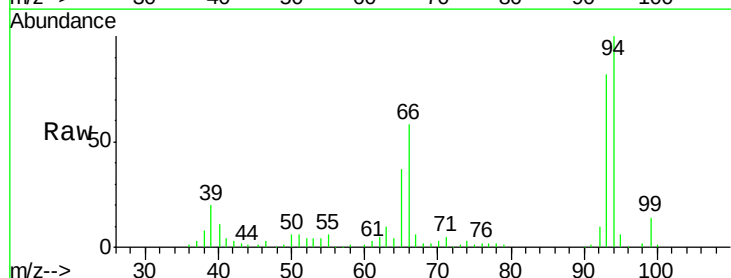
RT: 6.46 min Scan# 744

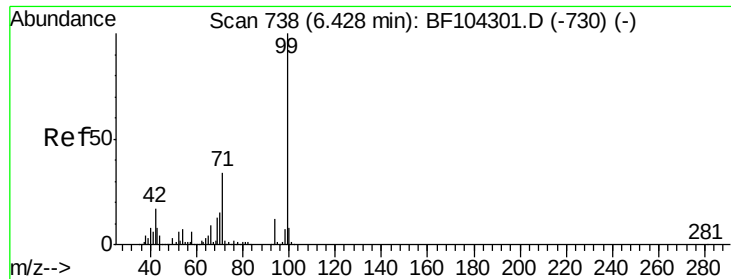
Delta R.T. -0.00 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Tgt Ion:	93	Resp:	151177
Ion Ratio	Lower	Upper	
93	100		
66	69.8	32.2	48.2#
65	45.2	16.4	24.6#





#7

Phenol-d6

Concen: 99.621 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

BNA_F

ClientSampleId :

KS-RO-133MSD

Tot Ion: 99 Resp: 1044991

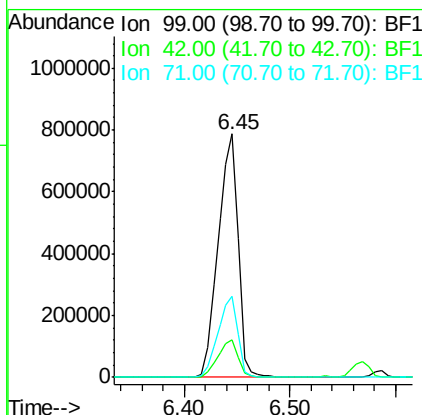
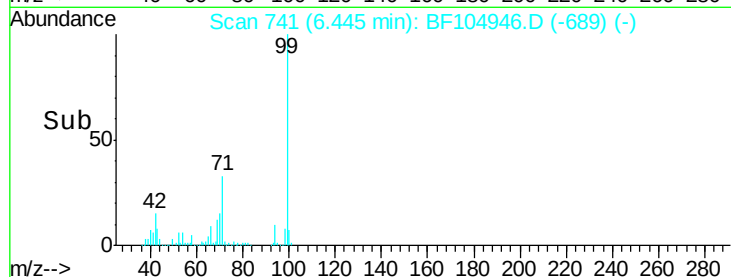
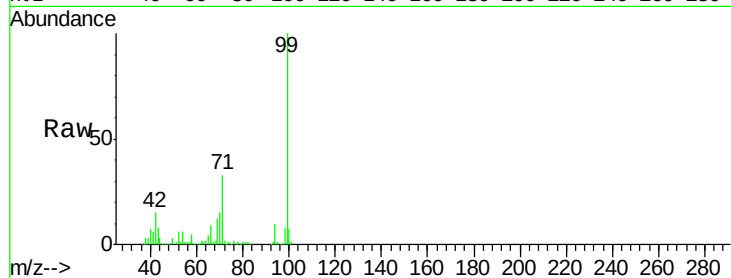
Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

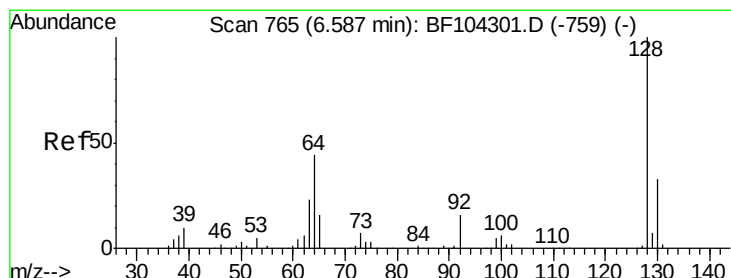
71 33.2 25.4 38.0

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#8

2-Chlorophenol

Concen: 39.463 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

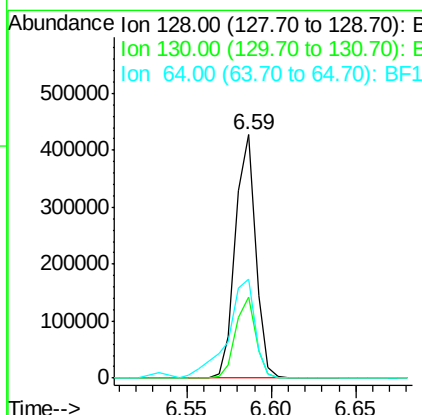
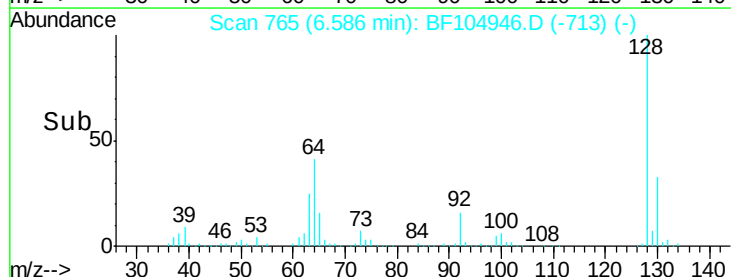
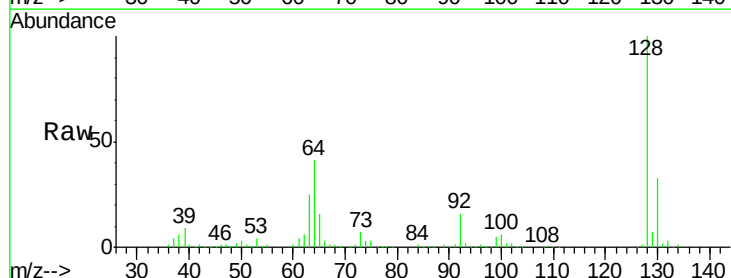
Tgt Ion: 128 Resp: 355594

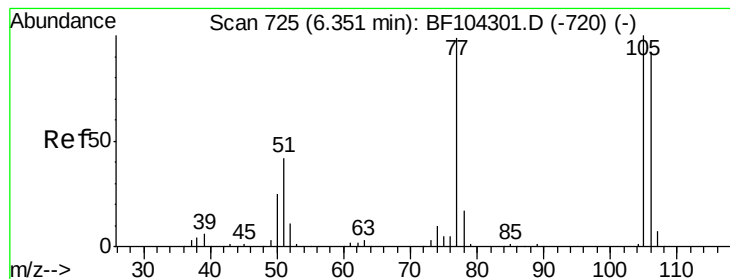
Ion Ratio Lower Upper

128 100

130 33.5 13.0 53.0

64 40.9 29.4 69.4





#9

Benzaldehyde

Concen: 5.194 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

BNA_F

ClientSampled :

KS-RO-133MSD

Tot Ion: 77 Resp: 42762

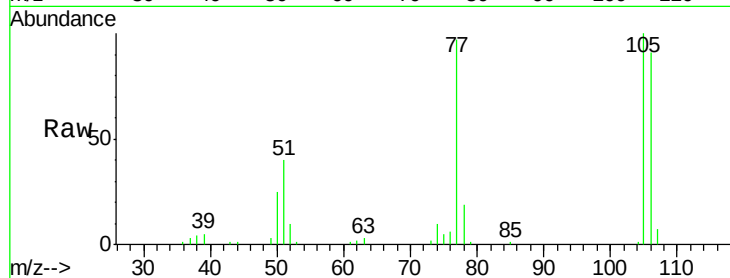
Ion Ratio Lower Upper

77 100

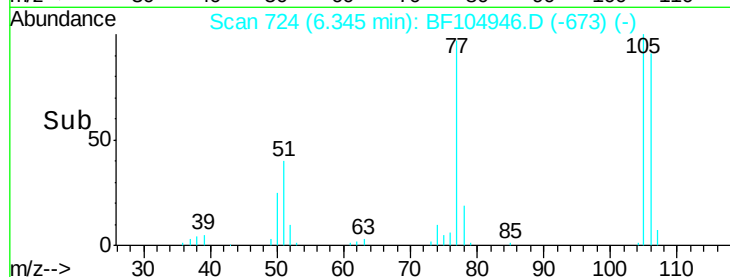
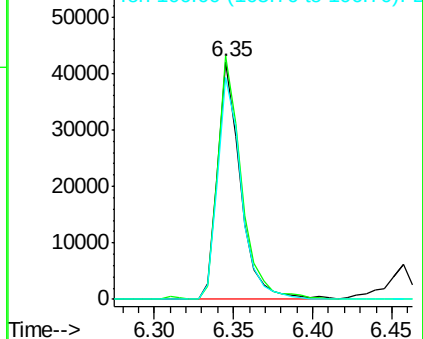
105 102.6 81.1 121.1

106 93.7 74.5 114.5

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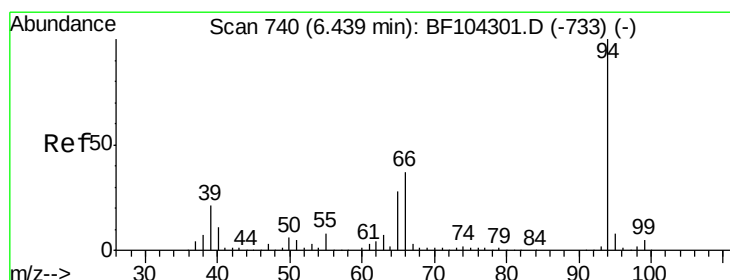


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



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#10

Phenol

Concen: 32.615 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

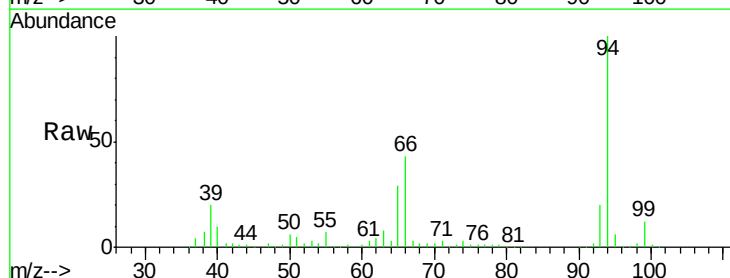
Tgt Ion: 94 Resp: 362998

Ion Ratio Lower Upper

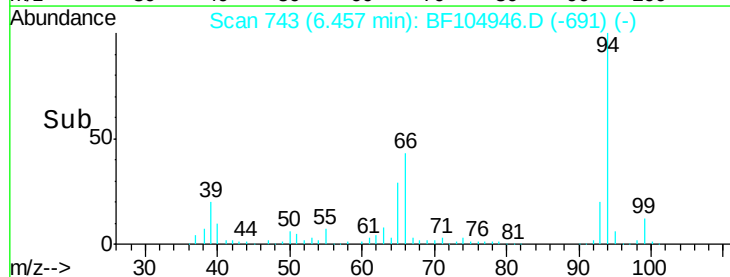
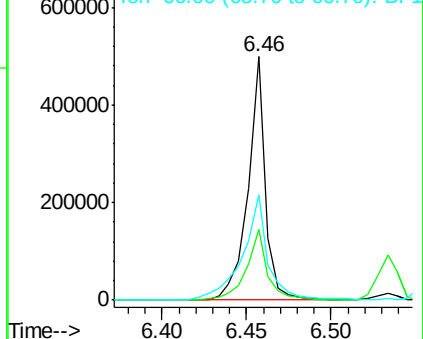
94 100

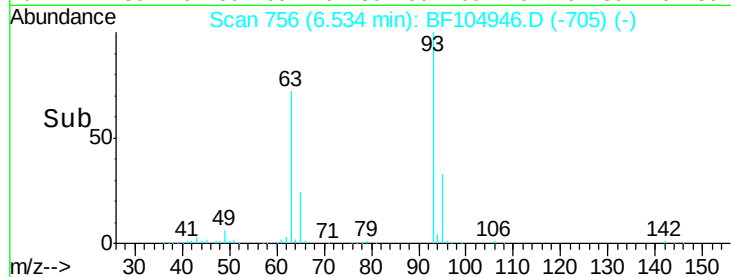
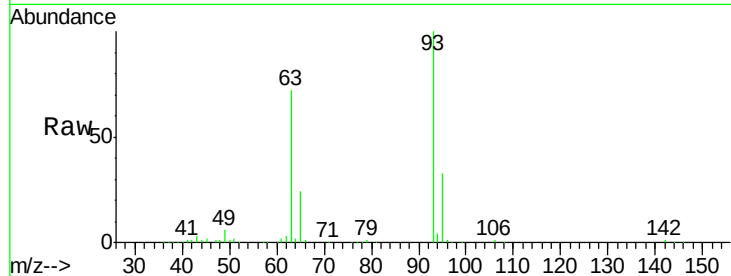
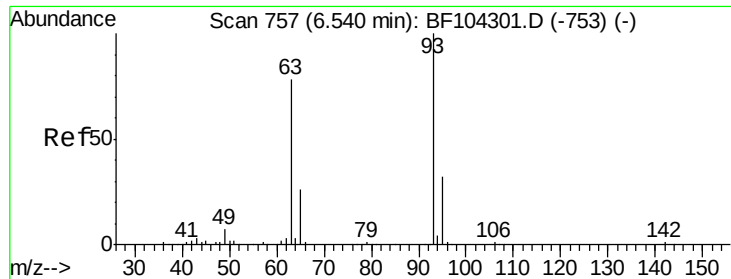
65 29.2 7.9 47.9

66 43.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



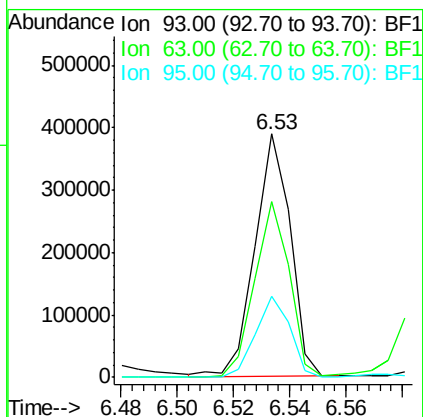


#11
bis(2-Chloroethyl)ether
Concen: 38.125 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tot Ion:	93	Resp:	338616
Ion Ratio	Lower	Upper	
93	100		
63	72.3	58.6	98.6
95	33.2	11.8	51.8

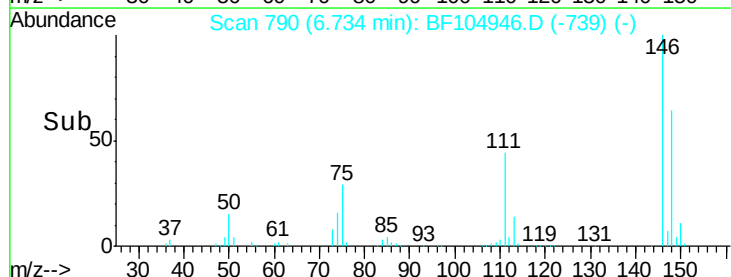
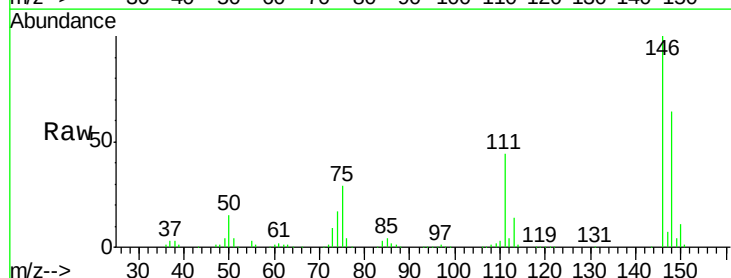
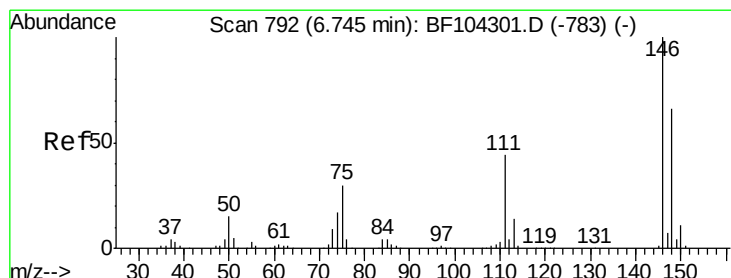
Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

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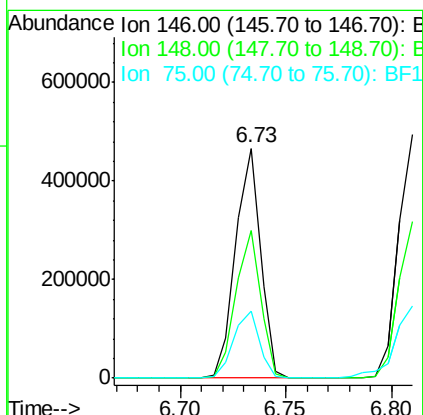
Sohil

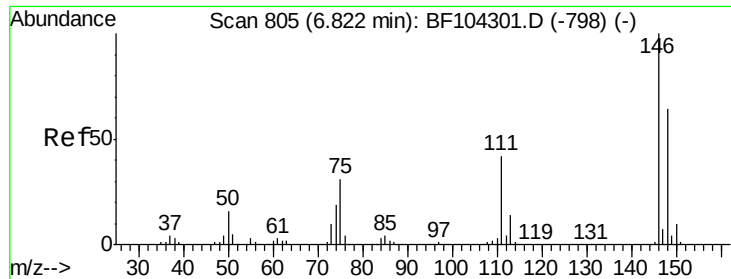
5/1/2018 7:05:45 PM



#12
1,3-Dichlorobenzene
Concen: 37.482 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion:	146	Resp:	382630
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.8
75	29.0	24.2	36.4



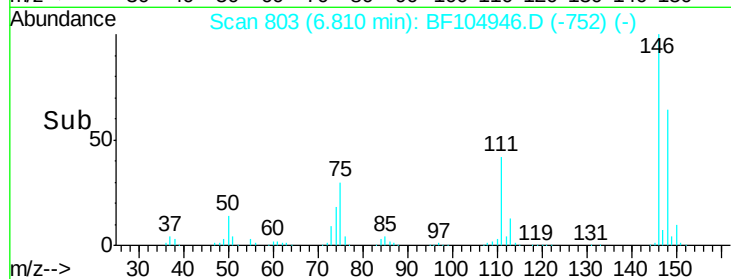
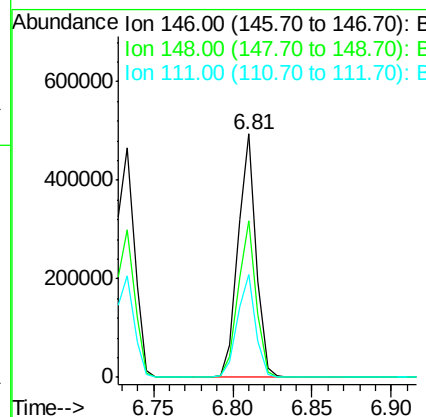
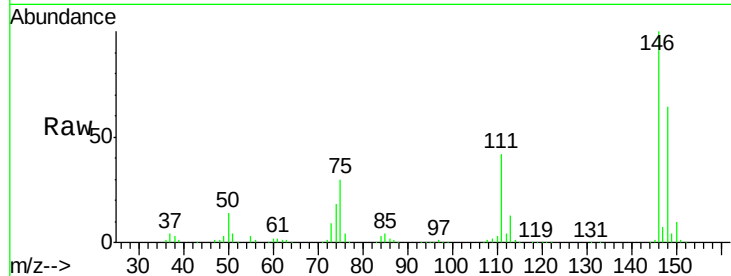


#13
1,4-Dichlorobenzene
Concen: 38.331 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampled :
KS-RO-133MSD

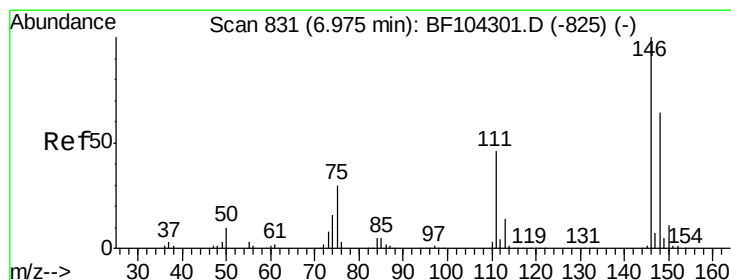
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	42.2	34.2	51.2

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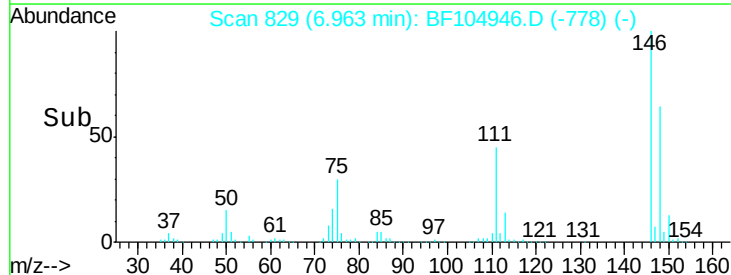
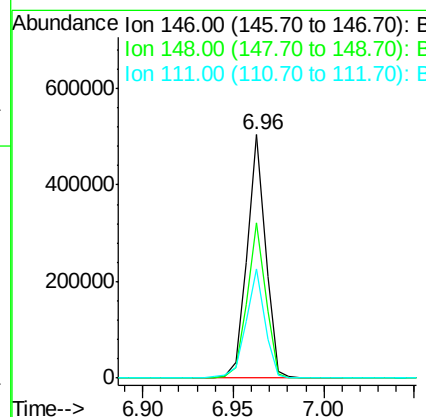
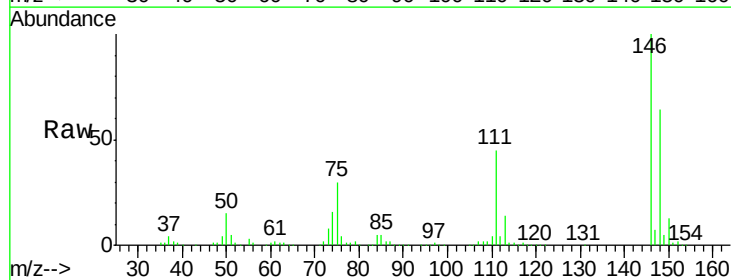
Sohil

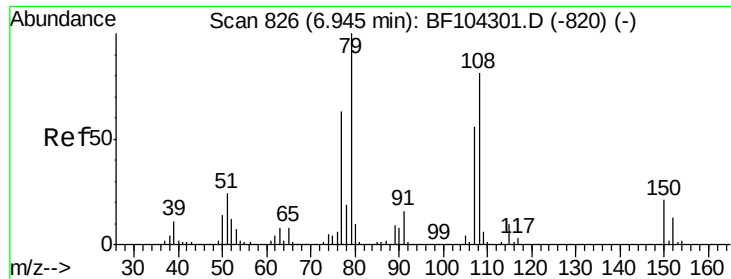
5/1/2018 7:05:45 PM



#14
1,2-Dichlorobenzene
Concen: 37.858 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	45.1	36.0	54.0



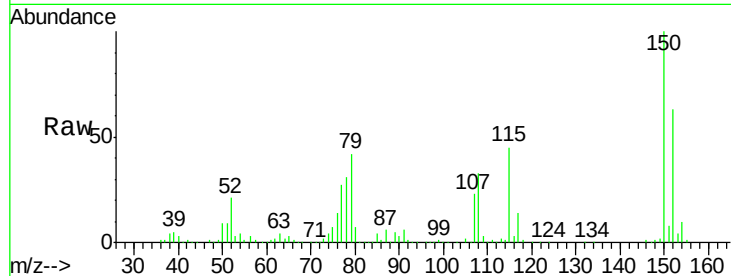


#15
Benzyl Alcohol
Concen: 34.814 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

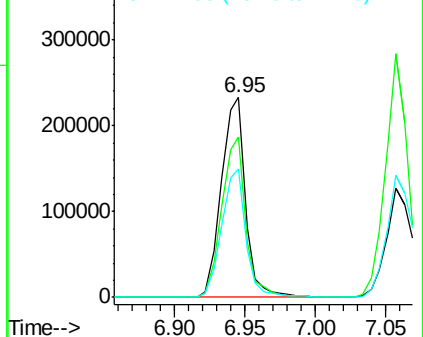
Instrument :
BNA_F
ClientSampled :
KS-RO-133MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.1	65.1	97.7
77	64.3	50.6	75.8

Manual Integrations
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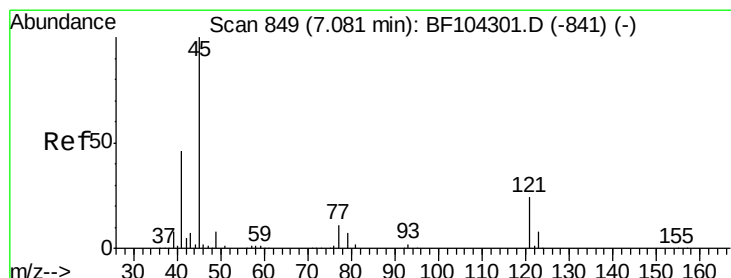
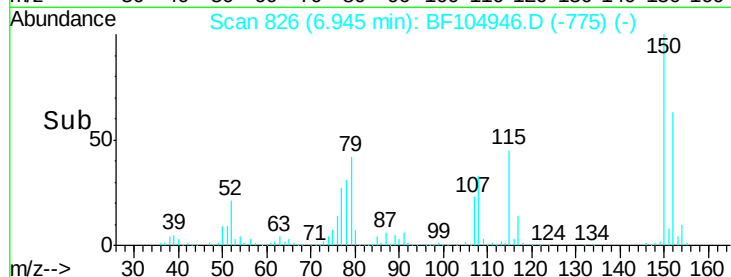


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



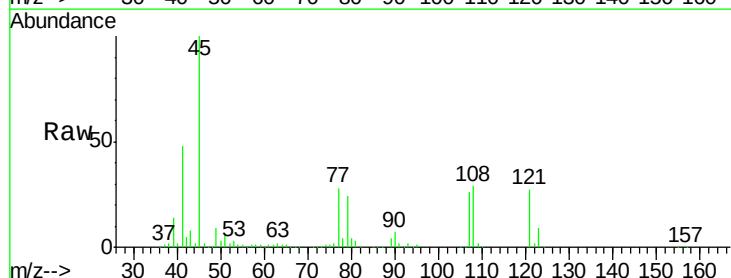
Sohil

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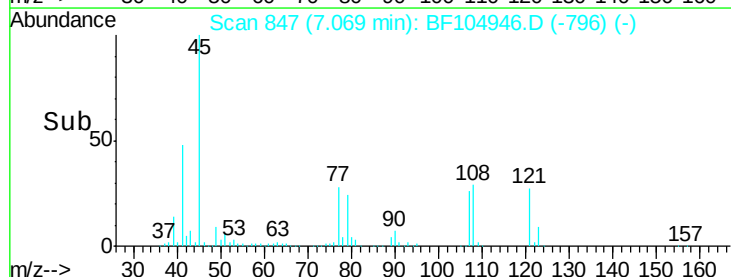
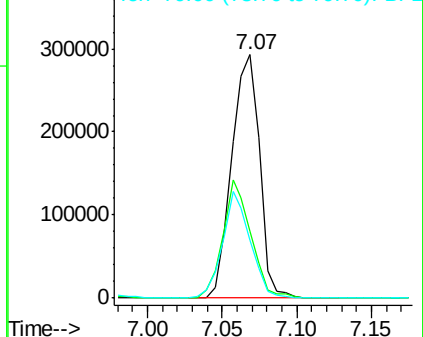


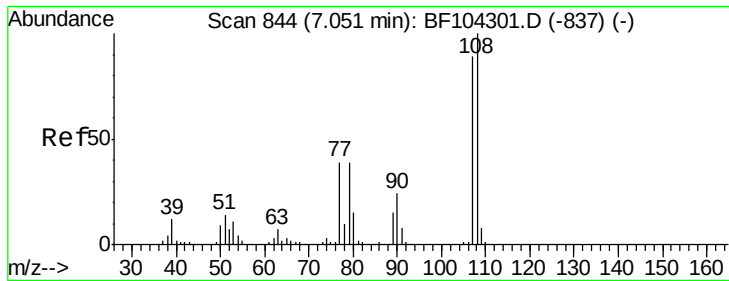
#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.159 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.6	0.0	32.9
79	23.8	0.0	29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



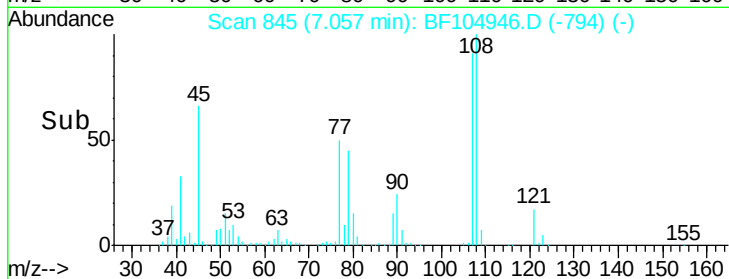
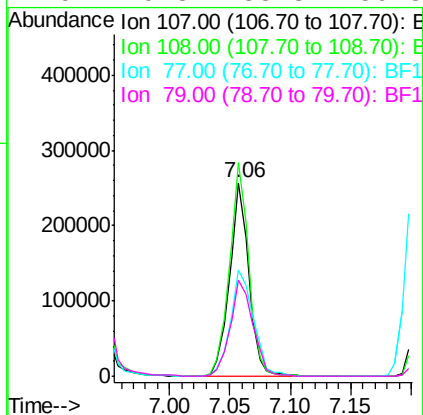
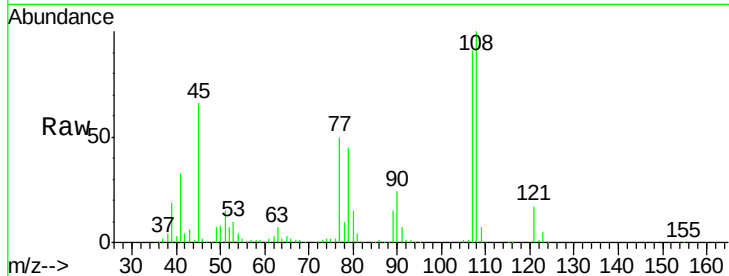


#17
2-Methylphenol
Concen: 36.250 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

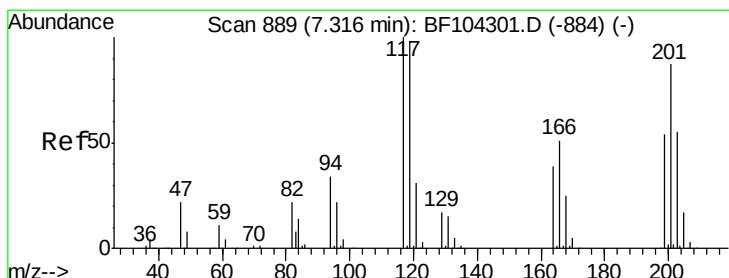
Tot Ion	107	Resp	283942
Ion Ratio	Lower	Upper	
107	100		
108	110.5	91.7	137.5
77	55.1	33.8	50.8#
79	49.8	33.8	50.8

Manual Integrations
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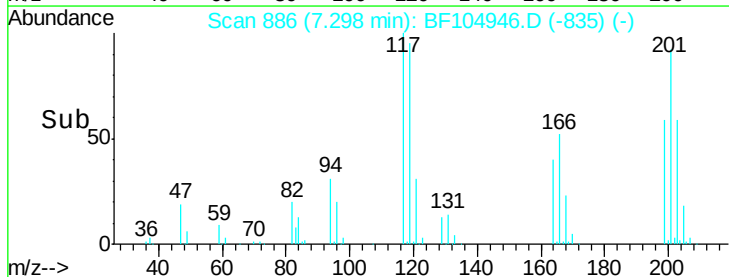
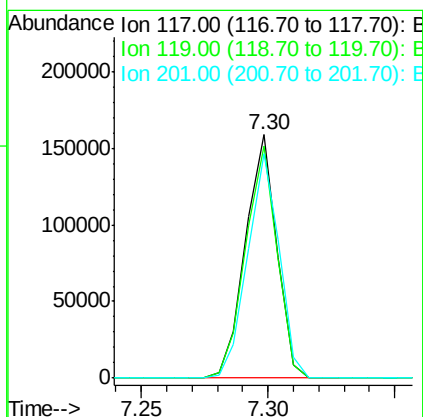
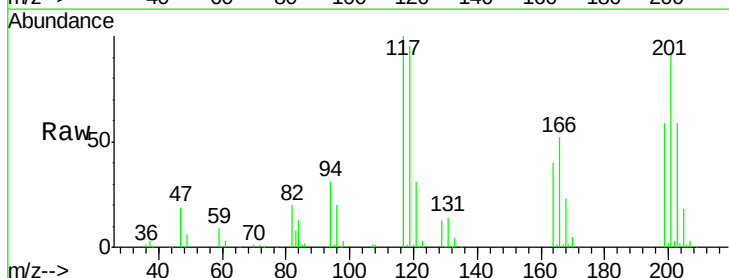
Sohil

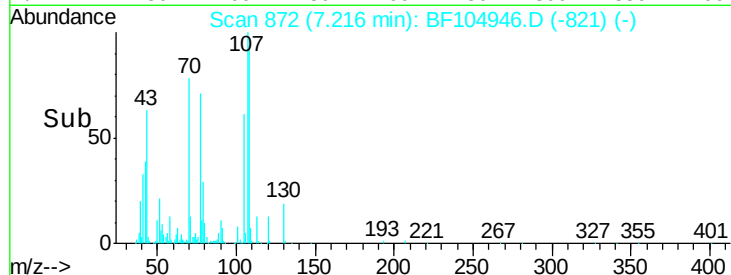
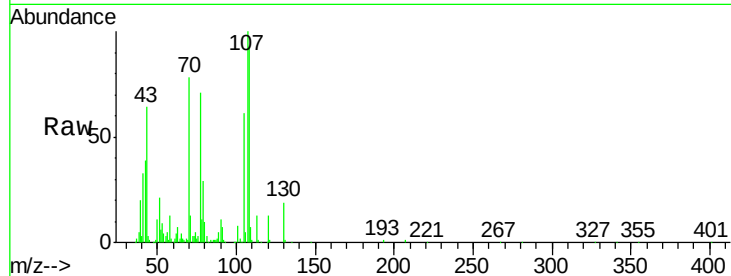
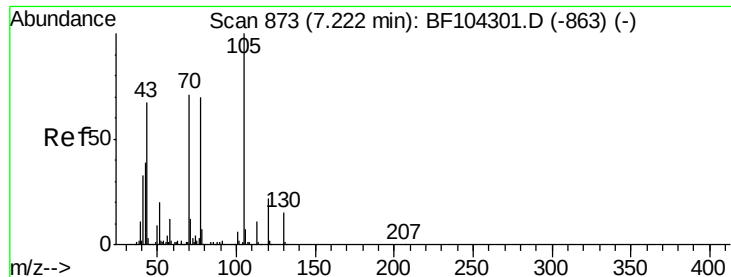
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#18
Hexachloroethane
Concen: 37.651 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

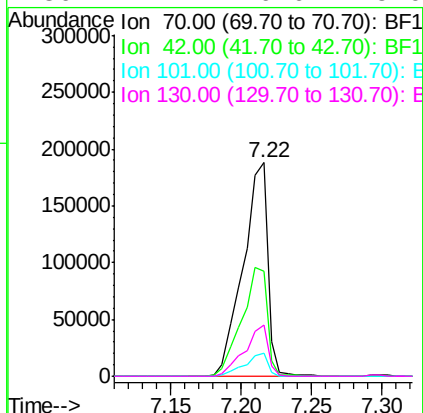
Tgt Ion	117	Resp	136605
Ion Ratio	Lower	Upper	
117	100		
119	95.4	75.8	113.8
201	92.2	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 33.629 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tot Ion	70	Resp	230510
Ion Ratio	Lower	Upper	
70	100		
42	49.4	47.5	71.3
101	10.7	7.4	11.2
130	24.1	16.6	25.0

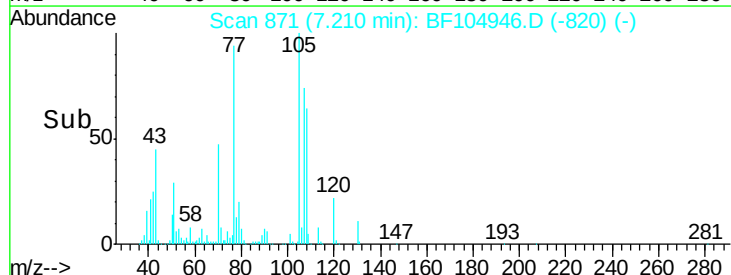
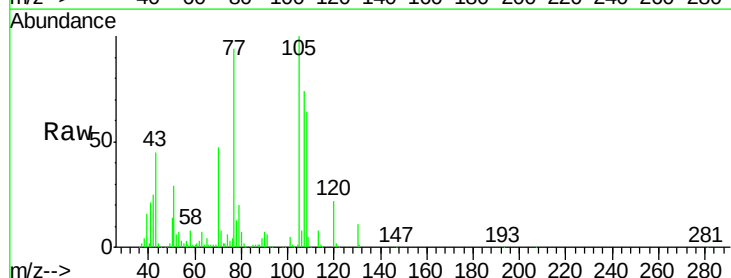
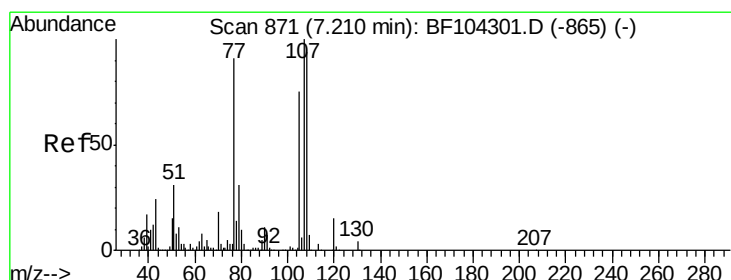


Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

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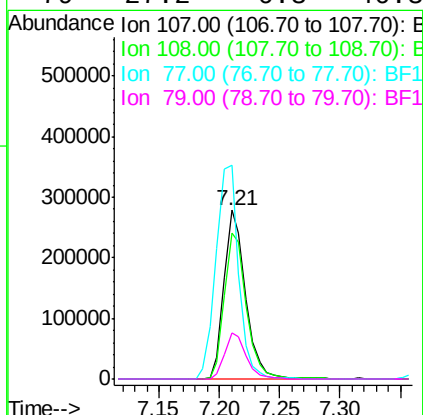
Sohil

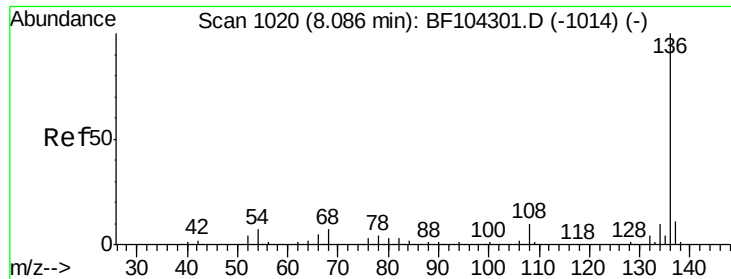
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#20
3+4-Methylphenols
Concen: 35.602 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	107	Resp	345851
Ion Ratio	Lower	Upper	
107	100		
108	86.4	68.2	108.2
77	126.7	26.7	66.7#
79	27.2	6.3	46.3



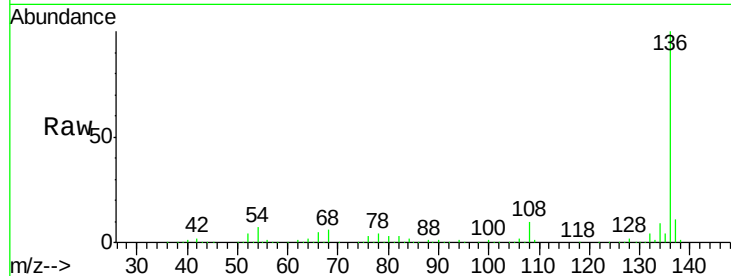


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

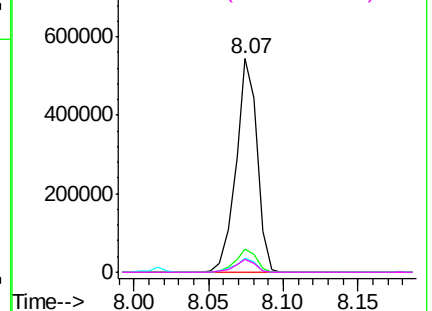
Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.8	8.9	13.3		
54	6.7	6.6	9.8		
68	5.7	5.0	7.4		

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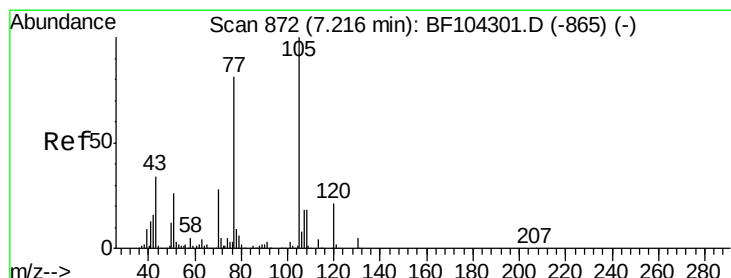
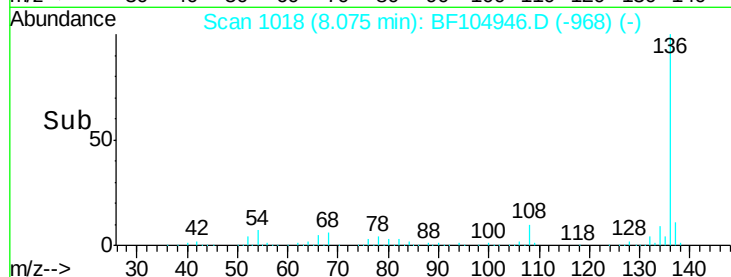


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Sohil

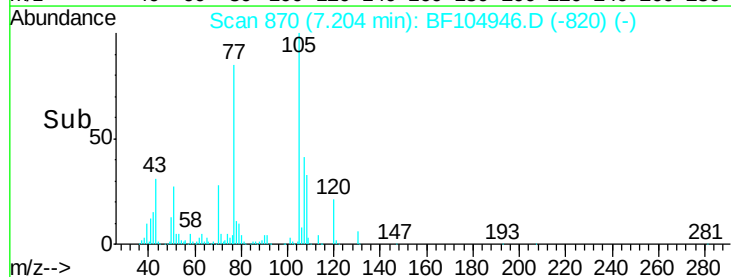
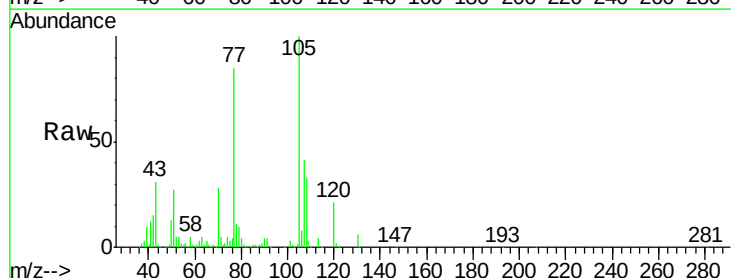
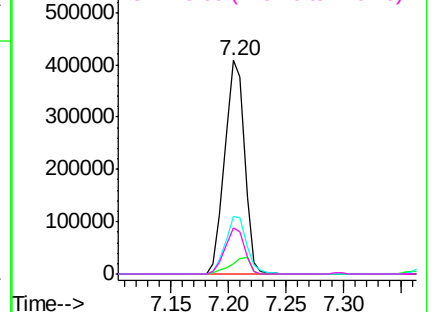
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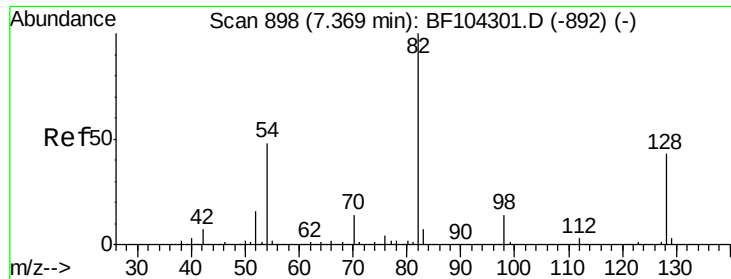


#22
Acetophenone
Concen: 36.546 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	4.6	4.4	6.6		
51	27.0	22.3	33.5		
120	21.3	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



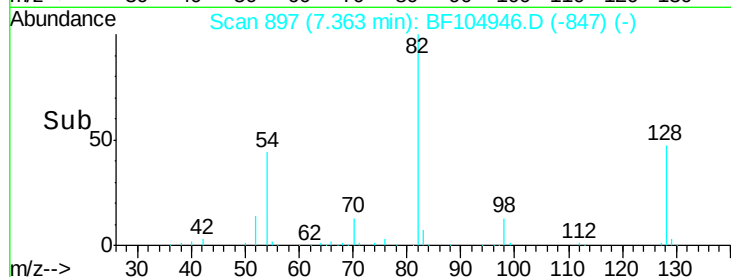
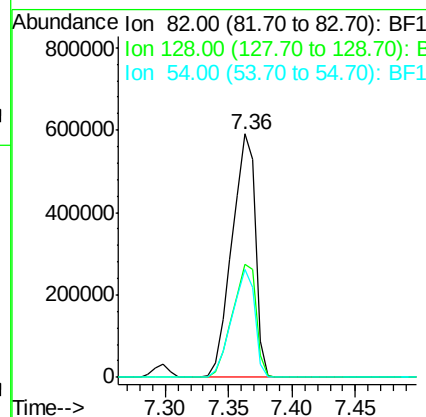
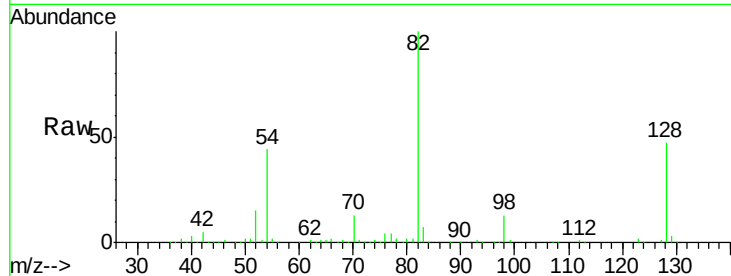


#23
Nitrobenzene-d5
Concen: 90.706 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

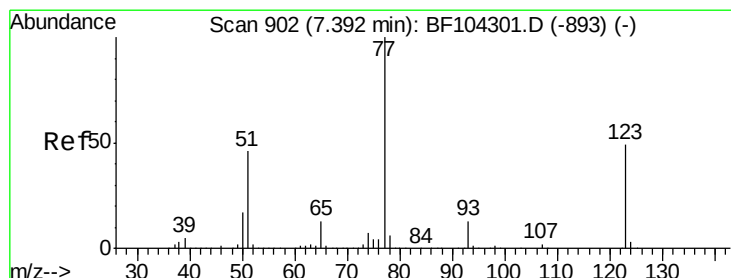
Tot Ion	Ratio	Resp	Lower	Upper
82	100	751854		
128	46.6	36.1	54.1	
54	44.3	41.4	62.2	

Manual Integrations
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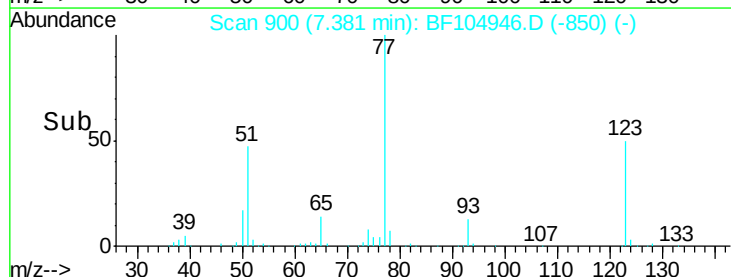
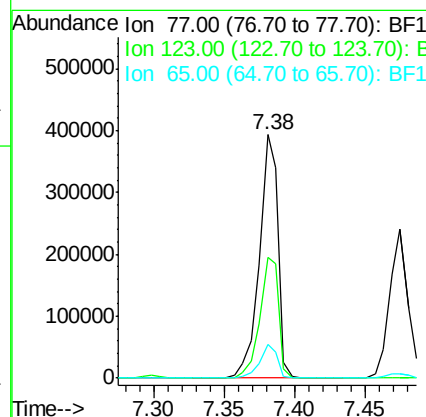
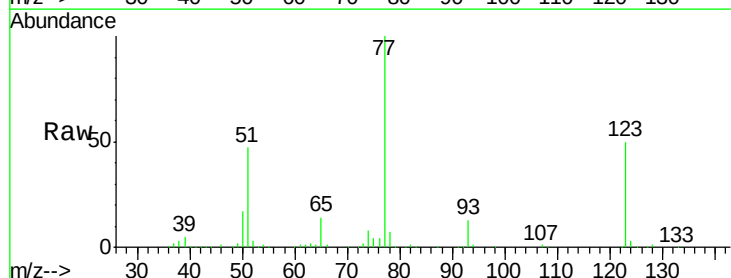
Sohil

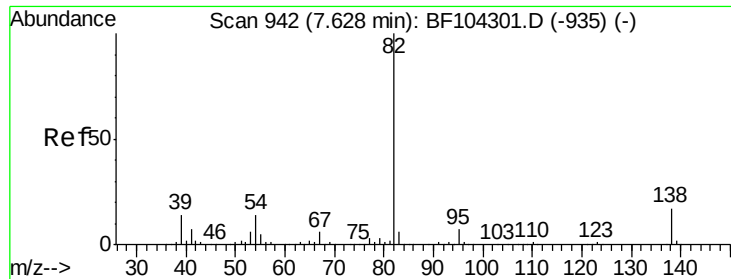
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#24
Nitrobenzene
Concen: 39.971 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	365790		
123	49.6	37.9	56.9	
65	13.7	11.0	16.4	





#25

Isophorone

Concen: 37.772 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

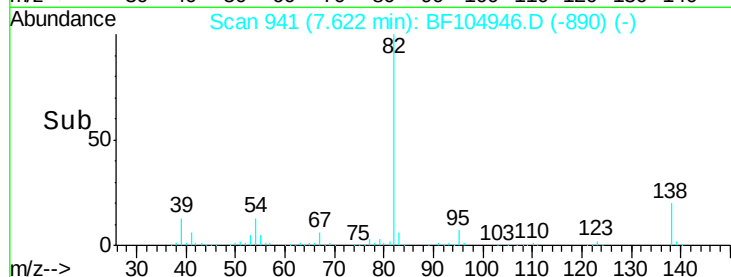
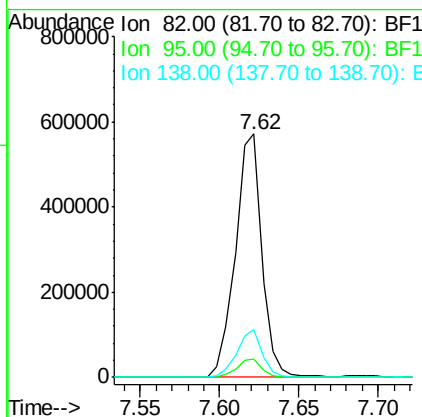
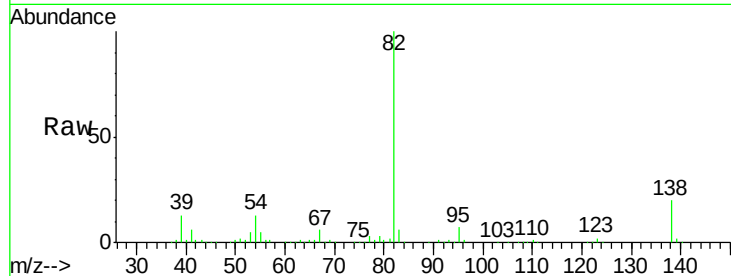
BNA_F

ClientSampleId :

KS-RO-133MSD

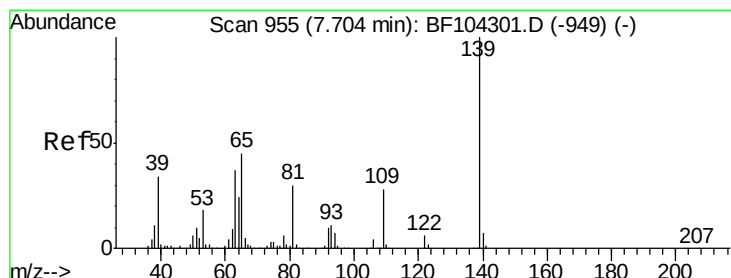
Tot Ion:	82	Resp:	662066
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.2	7.8
138	19.8	14.9	22.3

Manual Integrations
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Sohil

5/1/2018 7:05:45 PM



#26

2-Nitrophenol

Concen: 52.564 ng

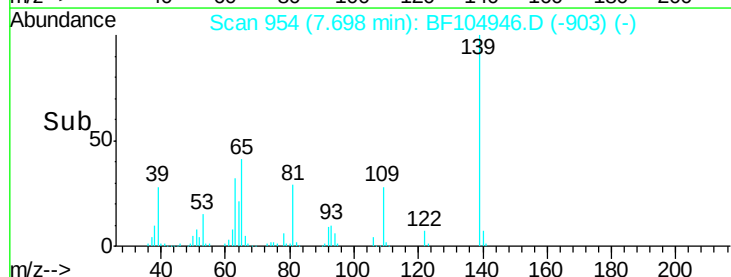
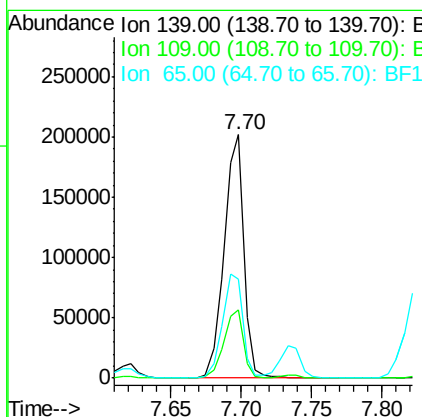
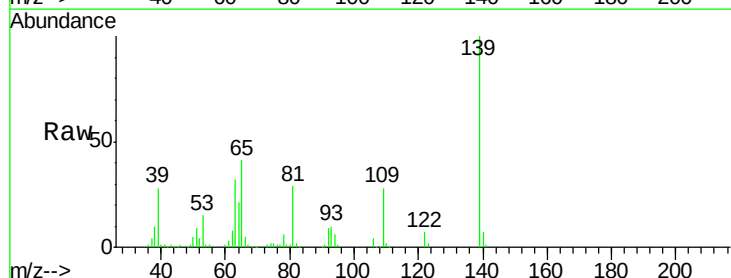
RT: 7.70 min Scan# 954

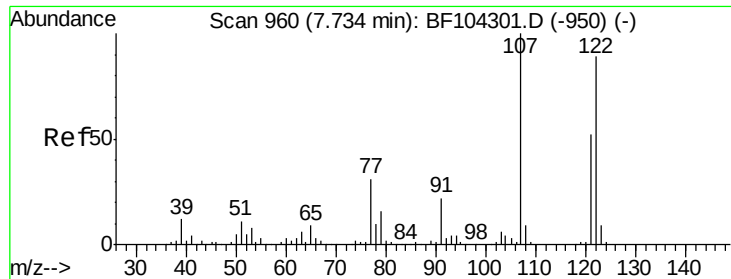
Delta R.T. -0.00 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Tgt Ion:	139	Resp:	195834
Ion Ratio	Lower	Upper	
139	100		
109	27.9	22.7	34.1
65	40.9	40.5	60.7



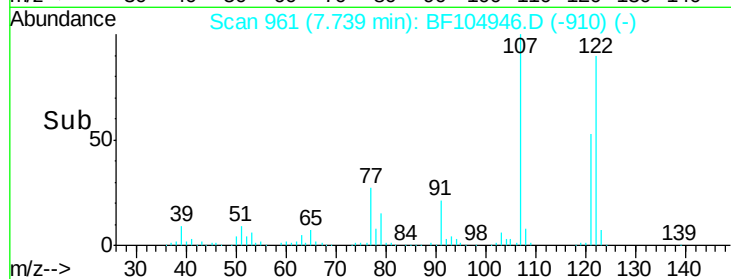
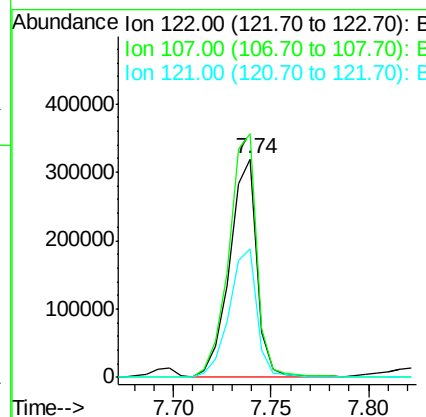
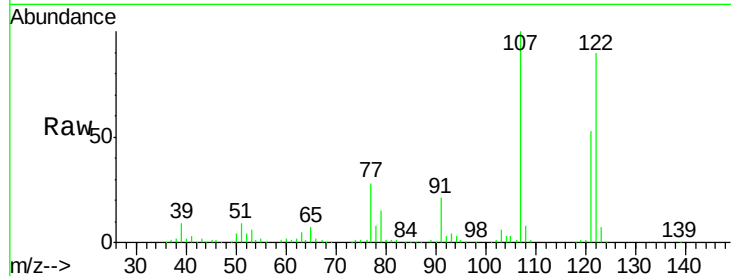


#27
2,4-Dimethylphenol
Concen: 40.344 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

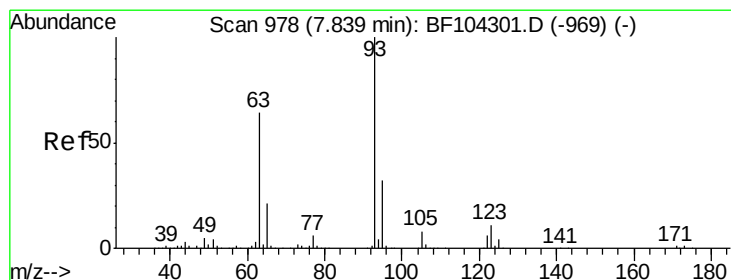
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	91.2	136.8
121	58.6	47.2	70.8

Manual Integrations
APPROVED



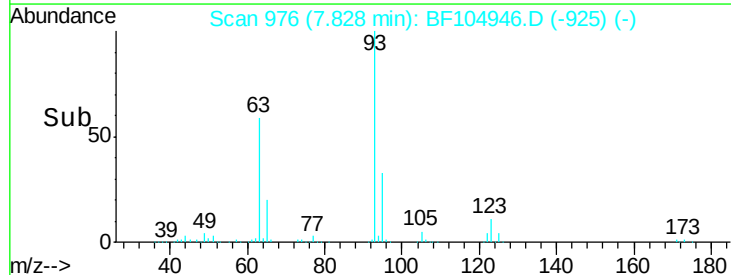
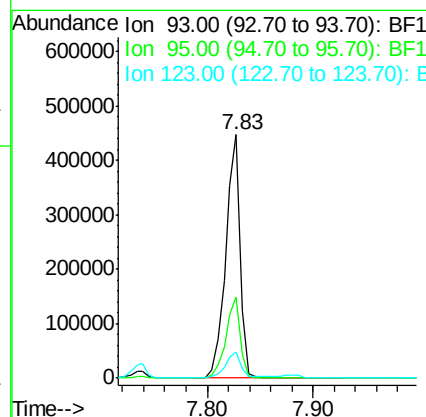
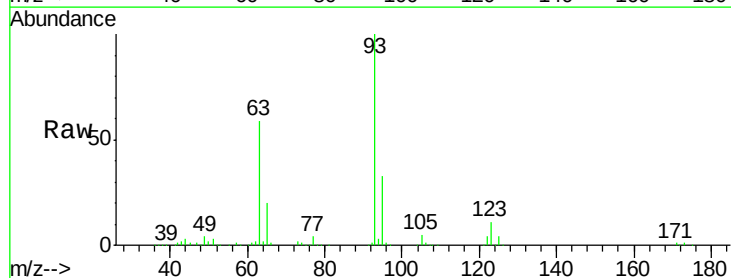
Sohil

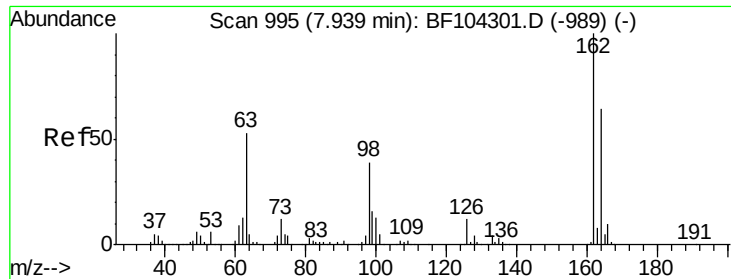
5/1/2018 7:05:45 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.027 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	10.9	9.8	14.6



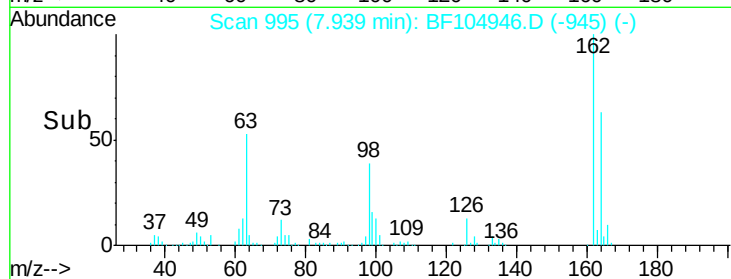
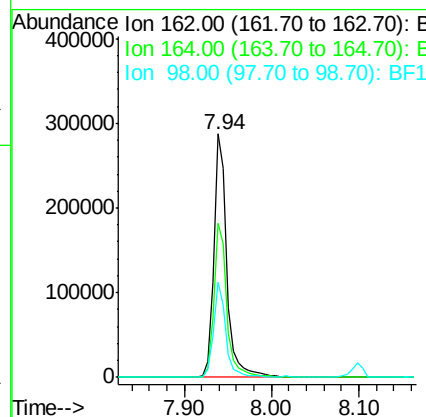
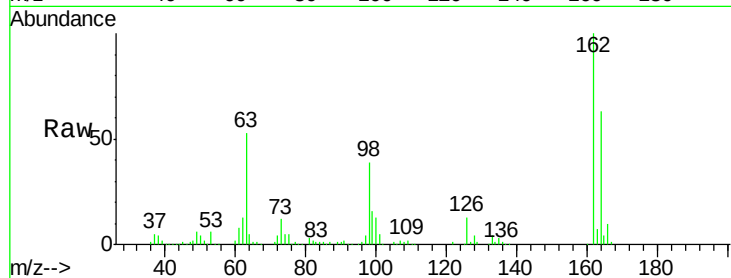


#29
2,4-Dichlorophenol
Concen: 40.186 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

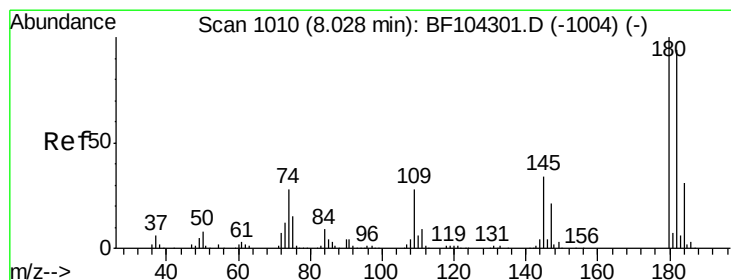
Tot Ion	Ratio	Resp	Lower	Upper
162	100	296616		
164	63.2	42.7	82.7	
98	39.0	18.1	58.1	

Manual Integrations
APPROVED



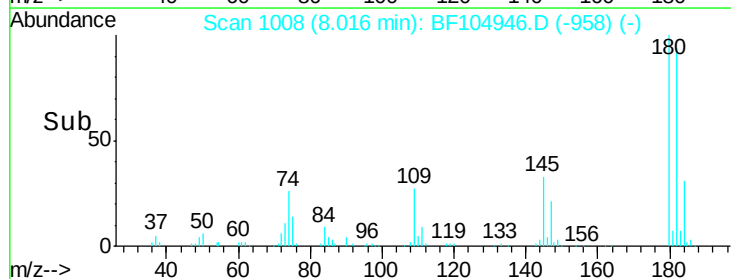
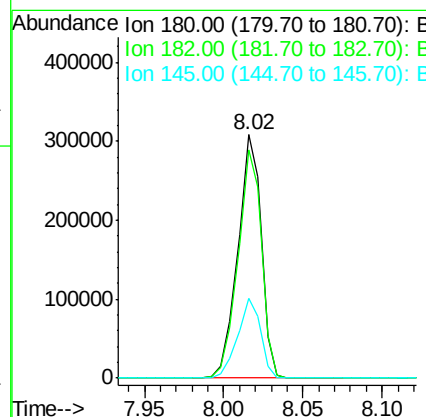
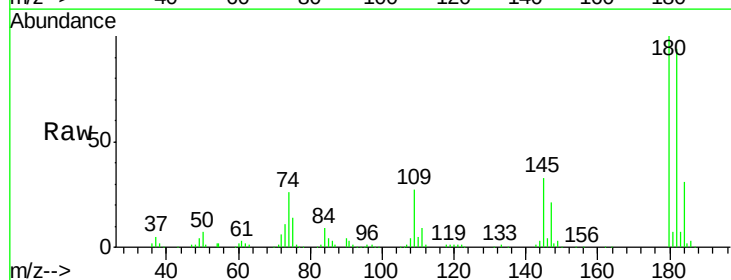
Sohil

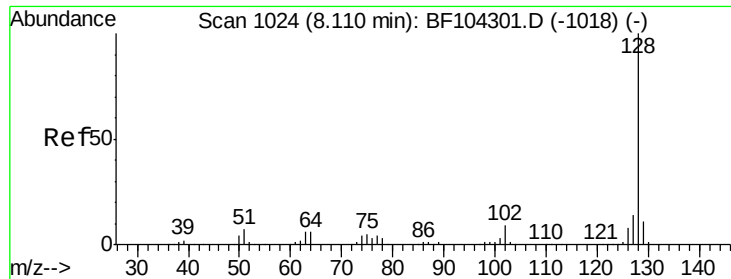
5/1/2018 7:05:45 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.003 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	315937		
182	93.9	76.8	115.2	
145	32.6	26.5	39.7	



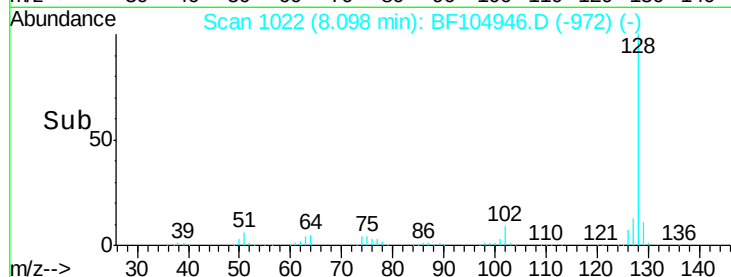
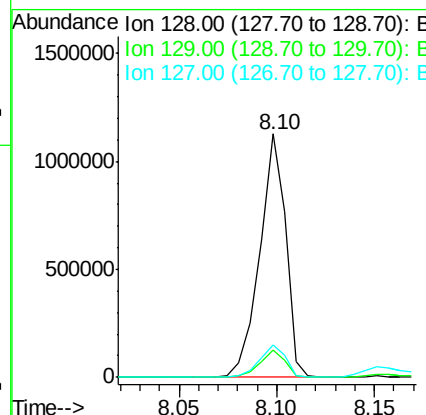
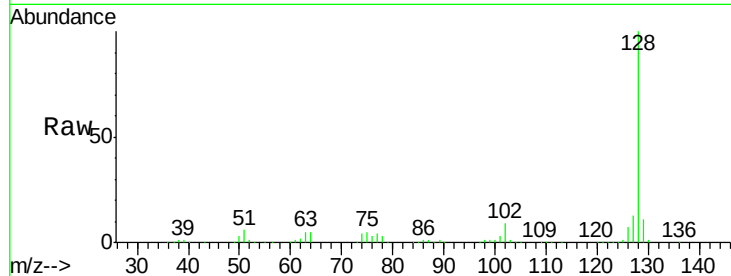


#31
Naphthalene
Concen: 38.647 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

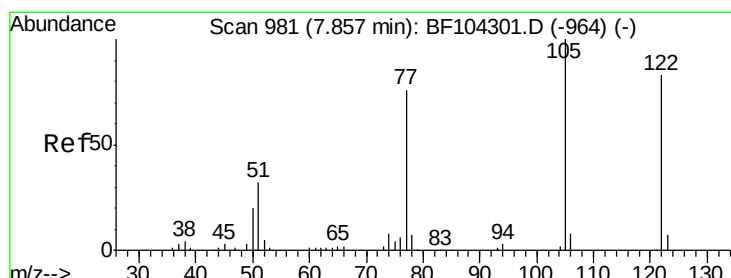
Tot Ion:128 Resp: 1041600
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.5 10.9 16.3

Manual Integrations
APPROVED



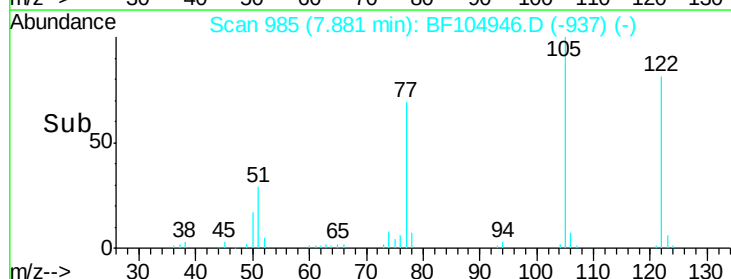
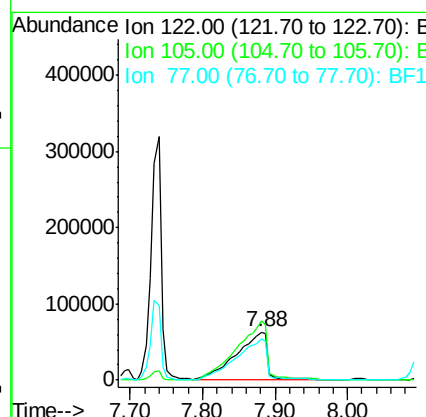
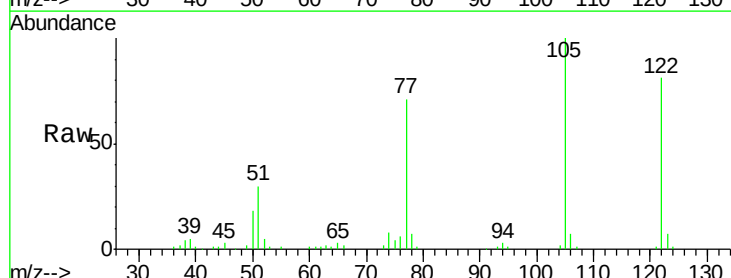
Sohil

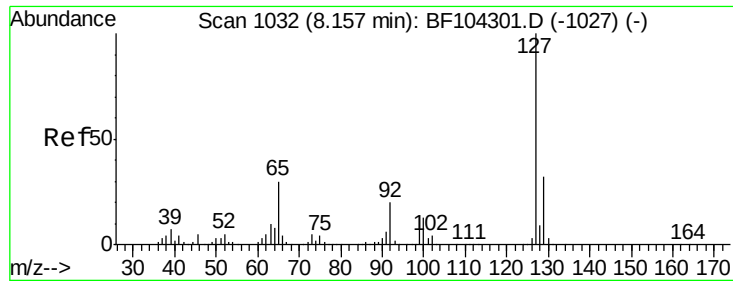
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#32
Benzoic acid
Concen: 30.269 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion:122 Resp: 186829
Ion Ratio Lower Upper
122 100
105 123.7 101.1 141.1
77 87.3 70.7 110.7



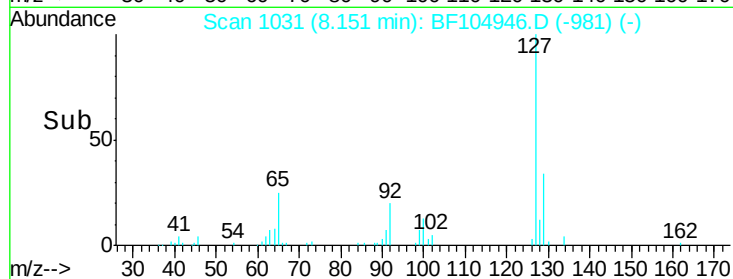
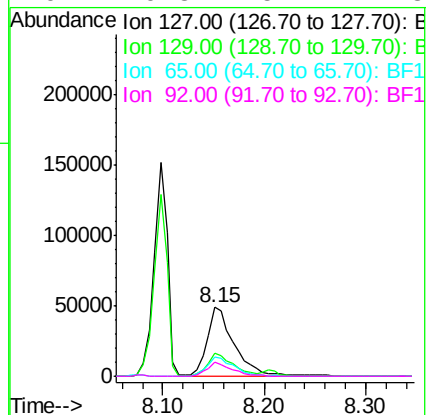
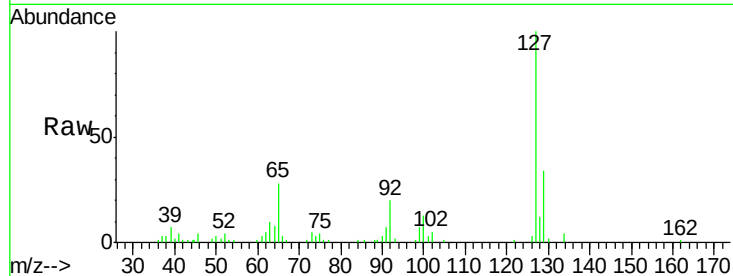


#33
4-Chloroaniline
Concen: 7.863 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

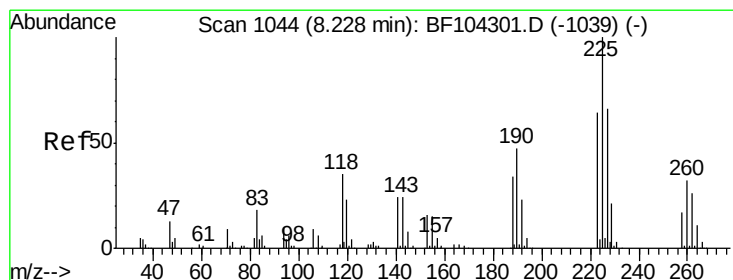
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		90787		
129	34.3		25.9	38.9	
65	28.2		25.0	37.4	
92	19.8		15.2	22.8	

Manual Integrations
APPROVED



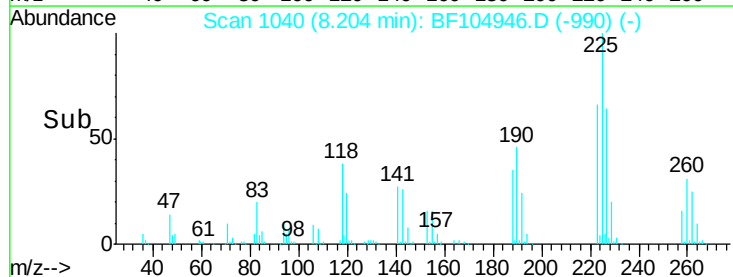
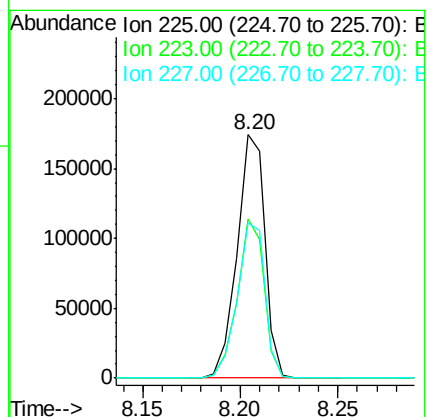
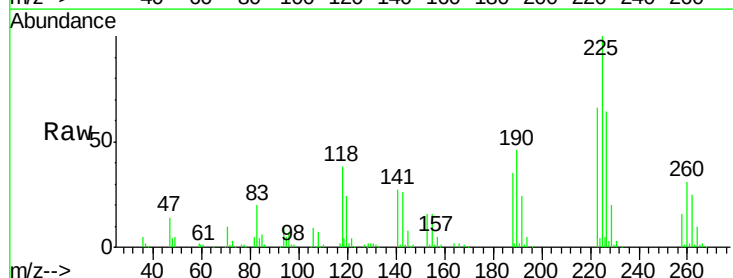
Sohil

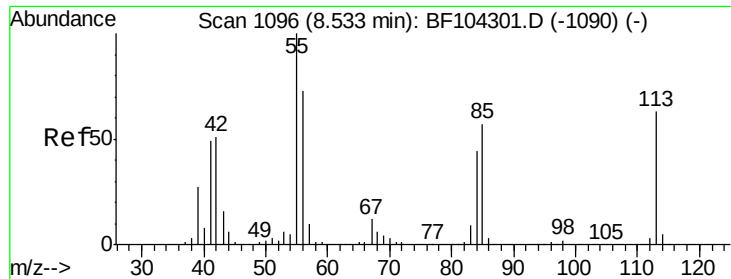
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#34
Hexachlorobutadiene
Concen: 38.803 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		172166		
223	65.5		50.6	76.0	
227	63.8		51.9	77.9	



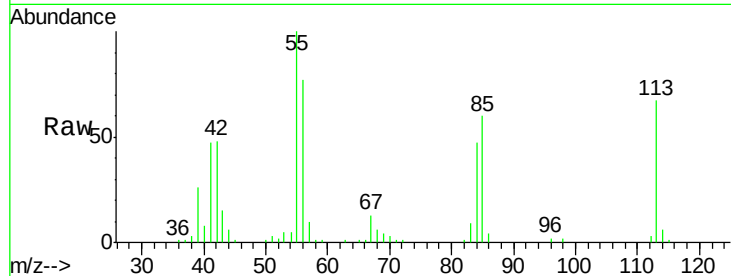


#35
 Caprolactam
 Concen: 27.071 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

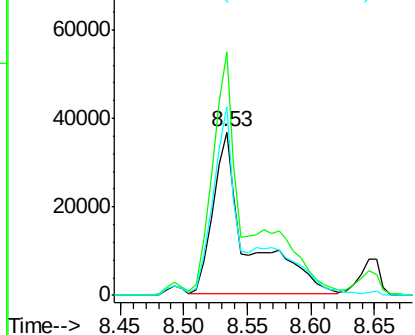
Instrument :
 BNA_F
 ClientSampled :
 KS-RO-133MSD

Tot Ion: 113 Resp: 69705
 Ion Ratio Lower Upper
 113 100
 55 149.1 163.3 203.3#
 56 115.2 115.7 155.7#

Manual Integrations
 APPROVED

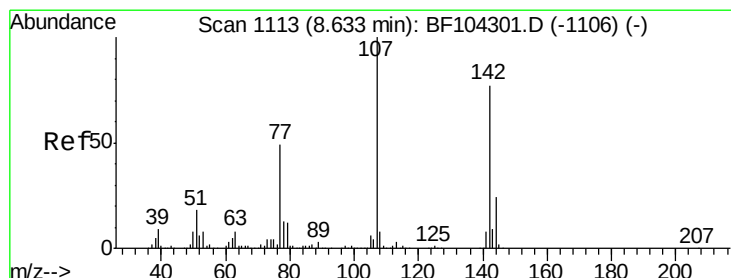
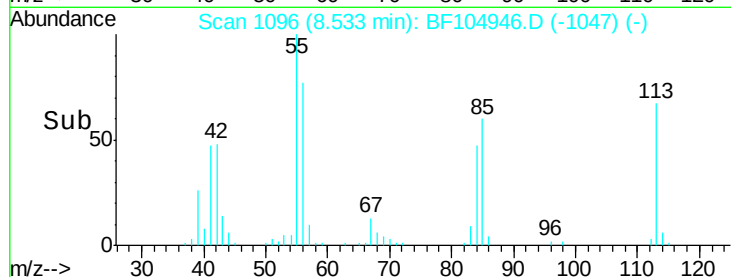


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1



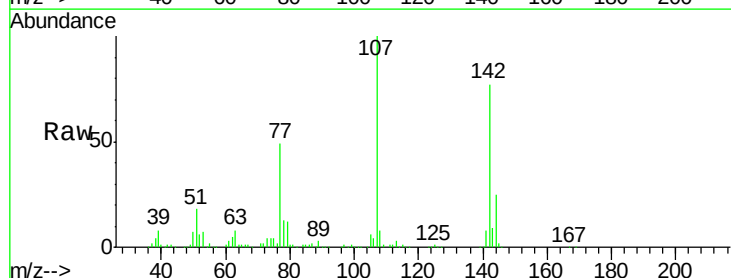
Sohil

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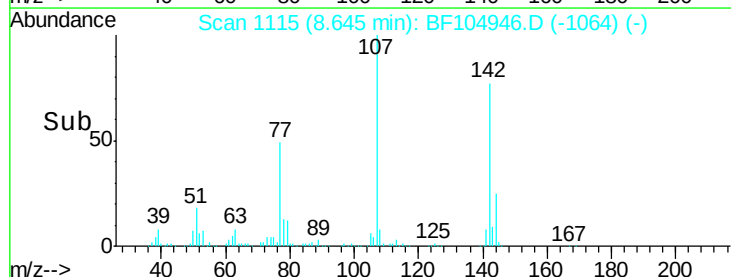
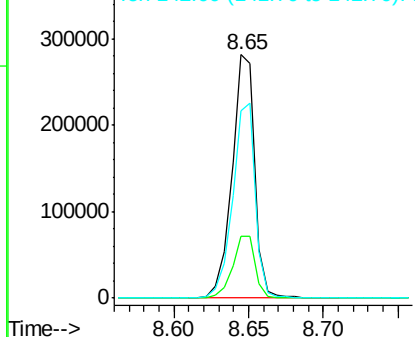


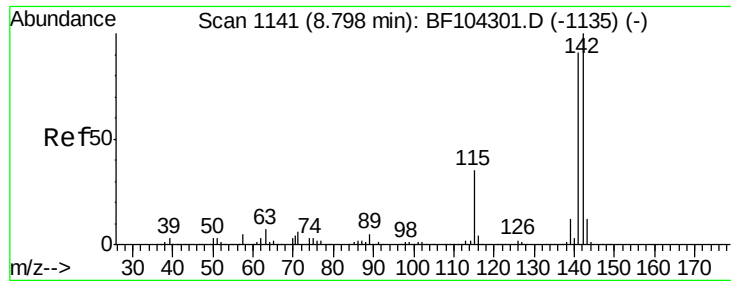
#36
 4-Chloro-3-methylphenol
 Concen: 38.251 ng/ml
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion: 107 Resp: 302730
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 76.7 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



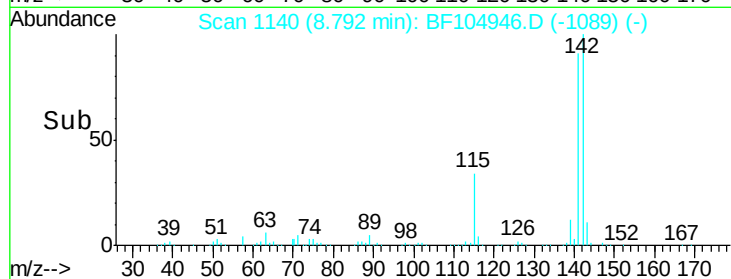
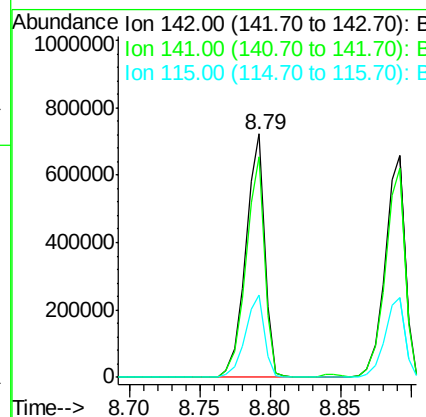
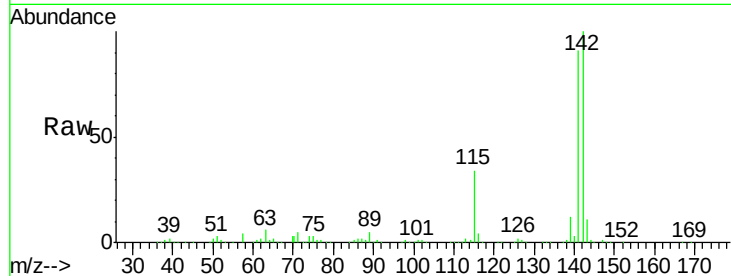


#37
2-Methylnaphthalene
Concen: 38.790 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

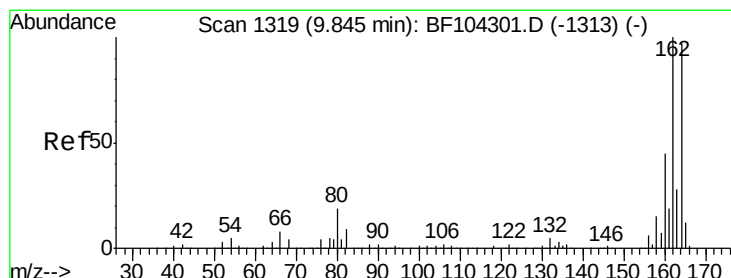
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.8	106.2
115	33.9	26.1	39.1

Manual Integrations
APPROVED



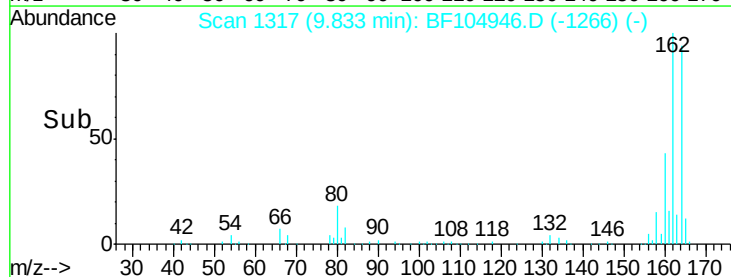
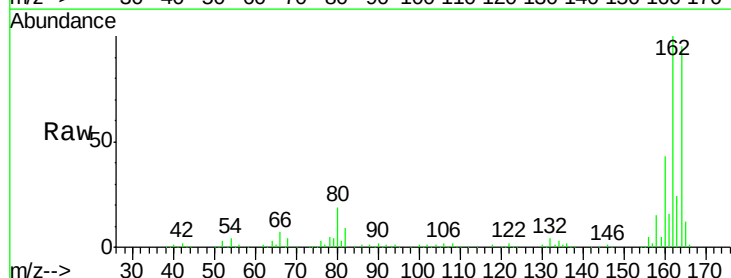
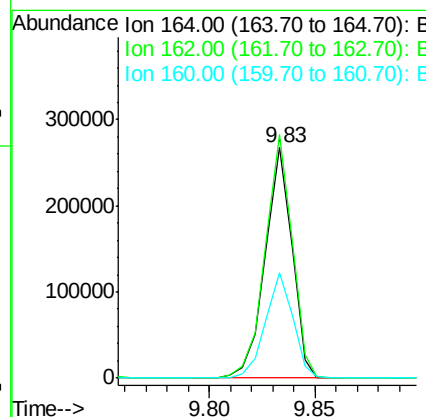
Sohil

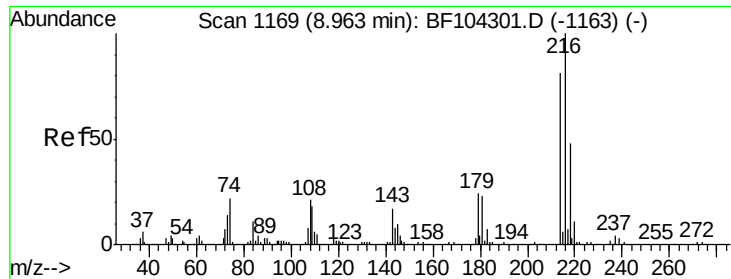
5/1/2018 7:05:45 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	45.8	38.3	57.5



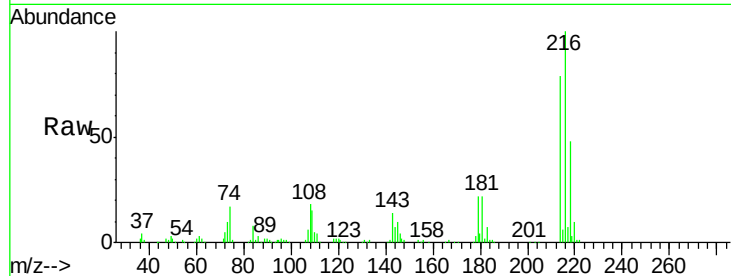


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.612 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

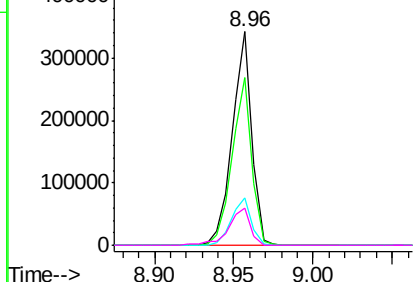
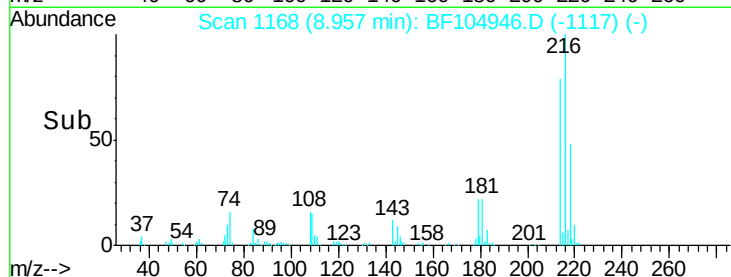
Instrument :
 BNA_F
 ClientSampleId :
 KS-RO-133MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	22.6	18.1	27.1
108	19.4	17.2	25.8

Manual Integrations
 APPROVED

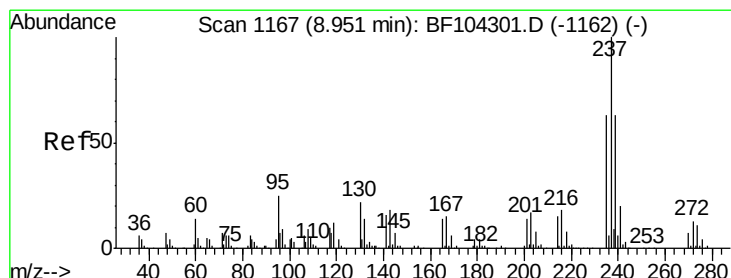


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



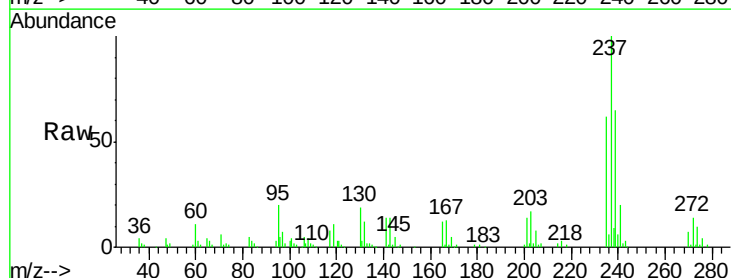
Sohil

5/1/2018 7:05:45 PM

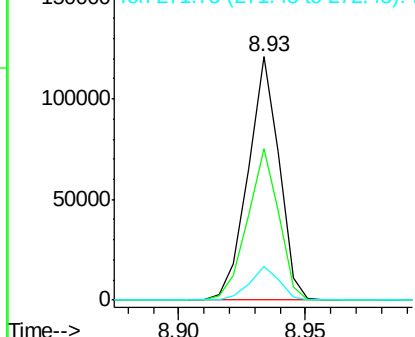
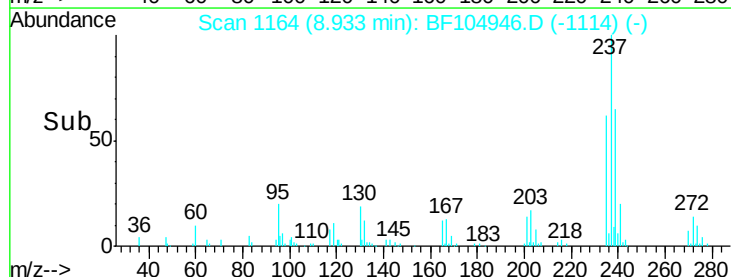


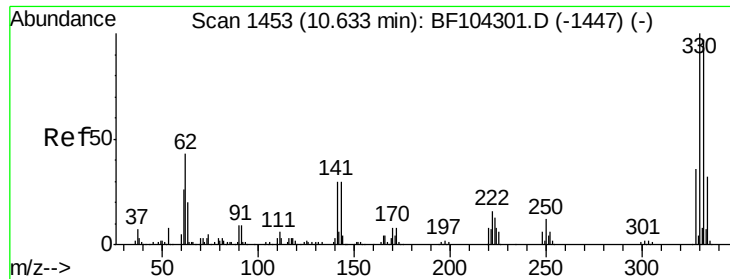
#40
 Hexachlorocyclopentadiene
 Concen: 26.928 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.2	44.8	84.8
272	13.7	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 108.317 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

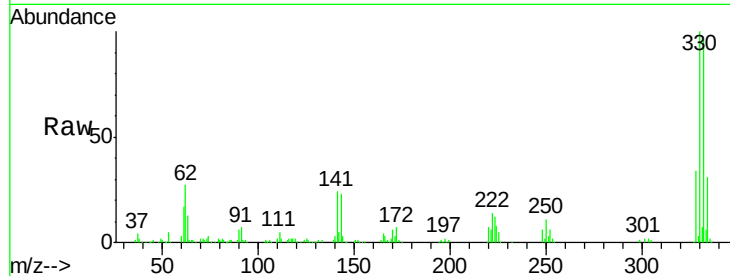
BNA_F

ClientSampleId :

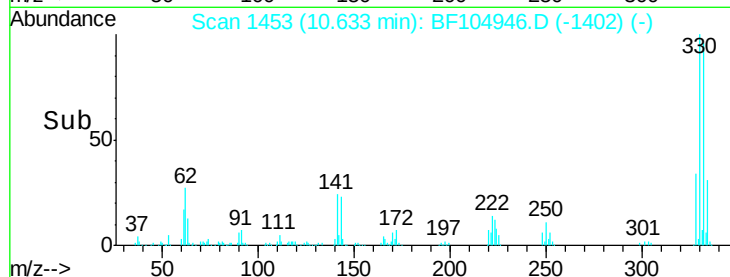
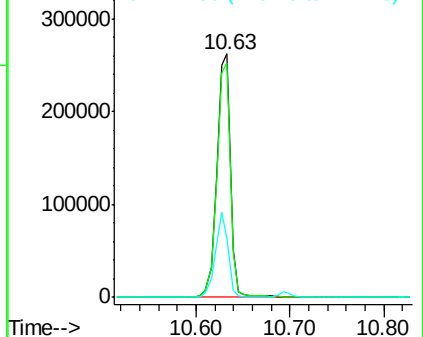
KS-RO-133MSD

Tot Ion:	330	Resp:	268326
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.0	115.6
141	32.8	29.9	44.9

Manual Integrations
APPROVED

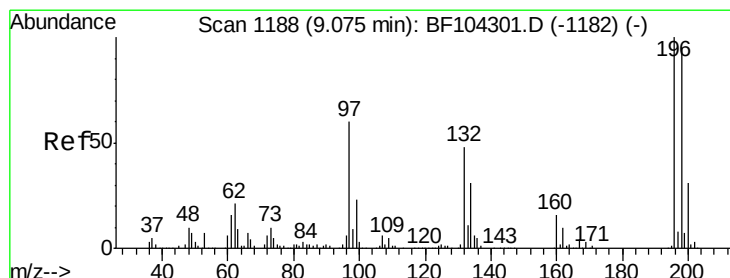


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Sohil

5/1/2018 7:05:45 PM



#42

2,4,6-Trichlorophenol

Concen: 40.674 ng

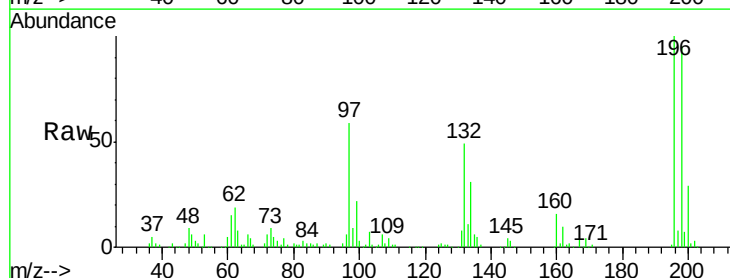
RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

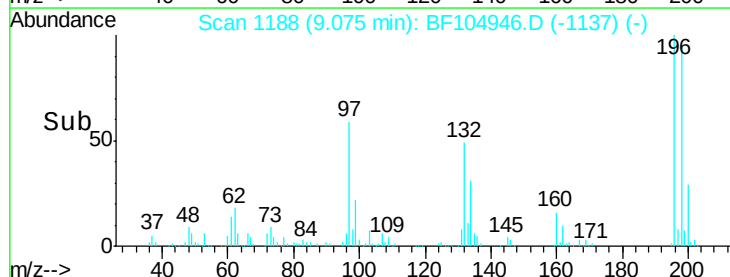
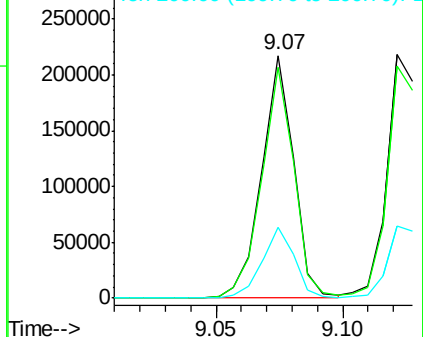
Lab File: BF104946.D

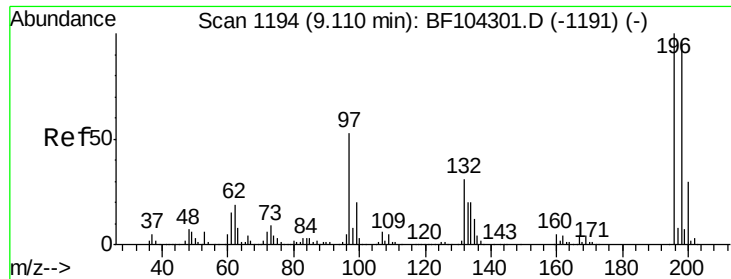
Acq: 30 Apr 2018 21:14

Tgt Ion:	196	Resp:	193019
Ion Ratio	Lower	Upper	
196	100		
198	95.3	75.7	113.5
200	29.3	24.5	36.7



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



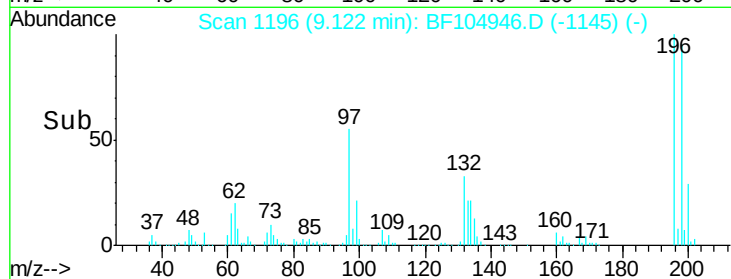
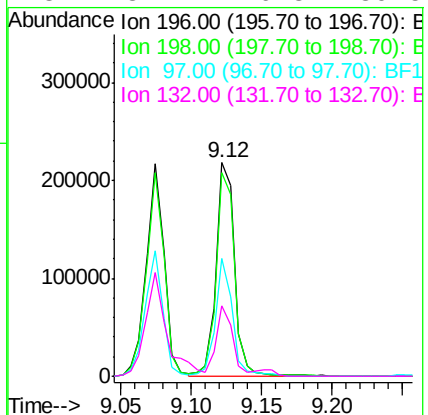
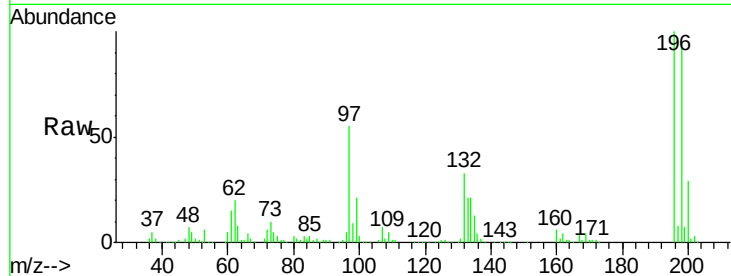


#43
 2,4,5-Trichlorophenol
 Concen: 37.182 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 KS-RO-133MSD

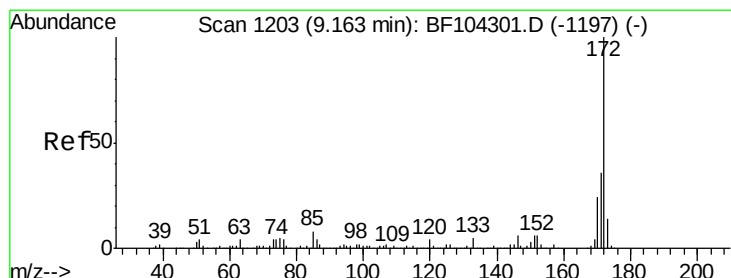
Tot Ion:	196	Resp:	197453
Ion Ratio	Lower	Upper	
196	100		
198	95.3	74.6	112.0
97	54.9	42.9	64.3
132	32.7	26.3	39.5

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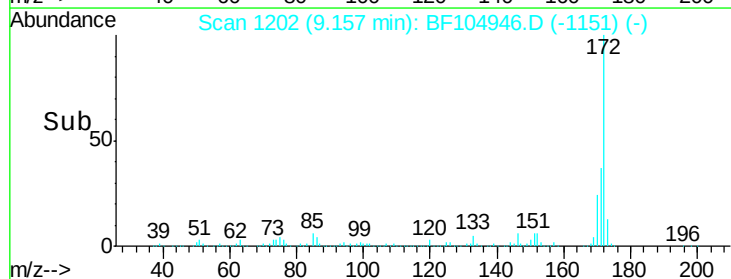
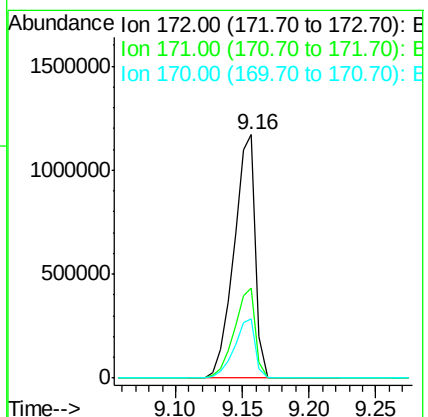
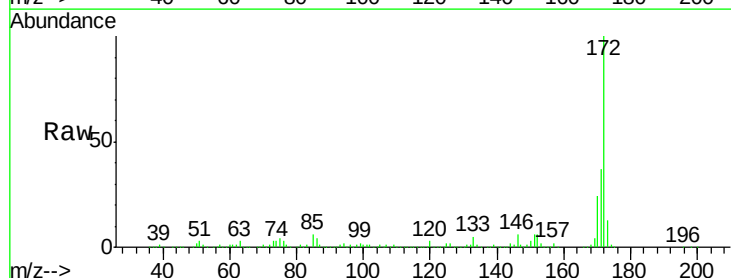
Sohil

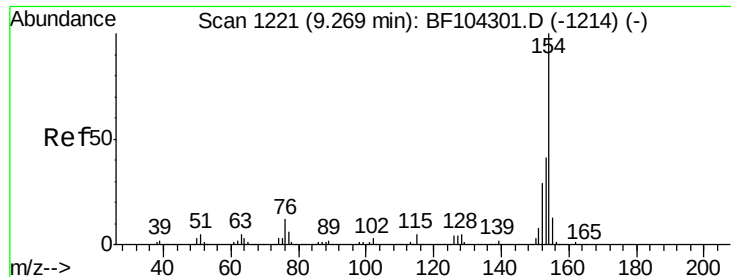
5/1/2018 7:05:45 PM



#44
 2-Fluorobiphenyl
 Concen: 86.476 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion:	172	Resp:	1307247
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.7	44.5
170	24.2	19.6	29.4



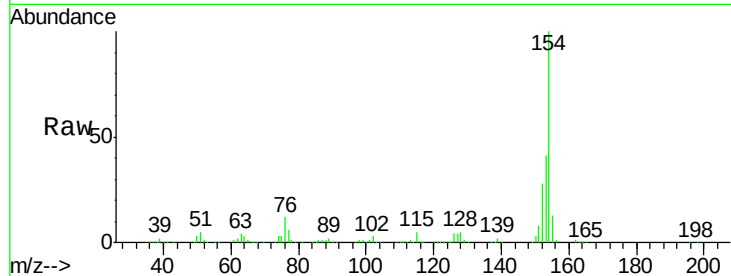


#45
 1,1'-Biphenyl
 Concen: 39.315 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

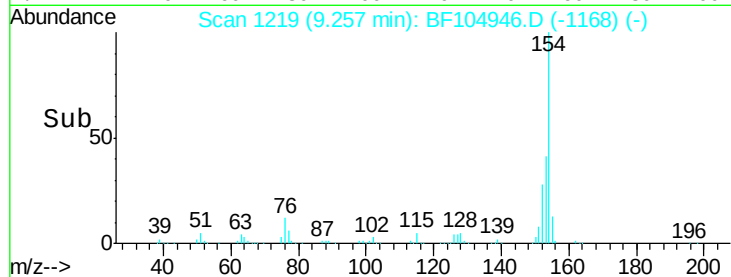
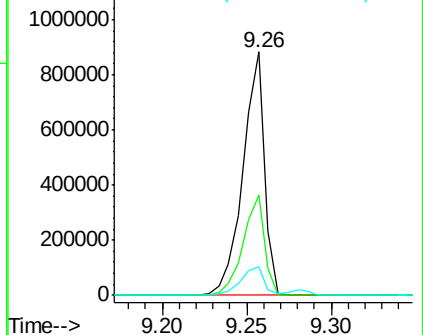
Instrument :
 BNA_F
 ClientSampled :
 KS-RO-133MSD

Tot Ion:	154	Resp:	788729
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	11.9	0.0	34.0

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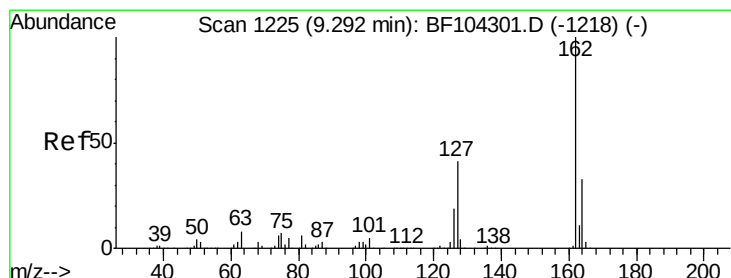


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



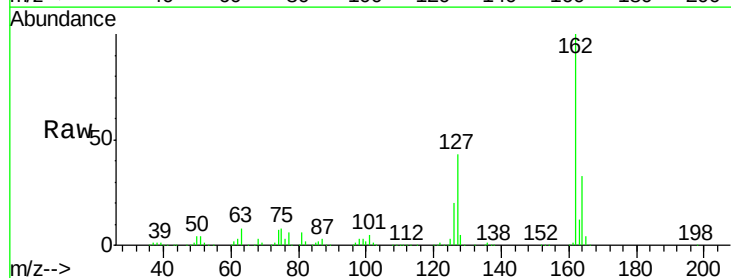
Sohil

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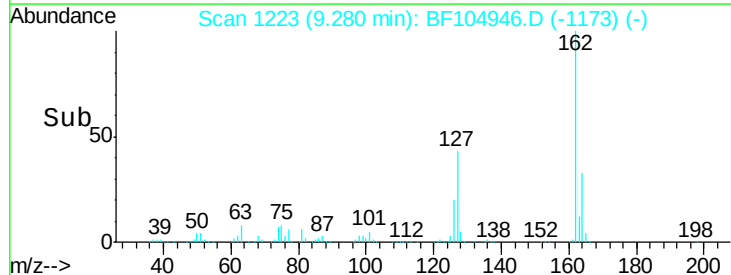
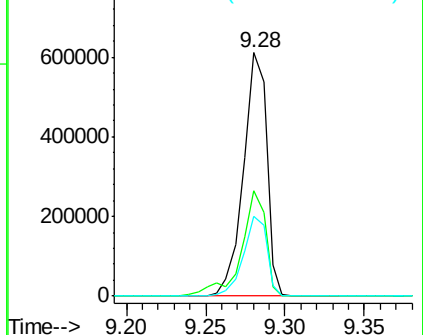


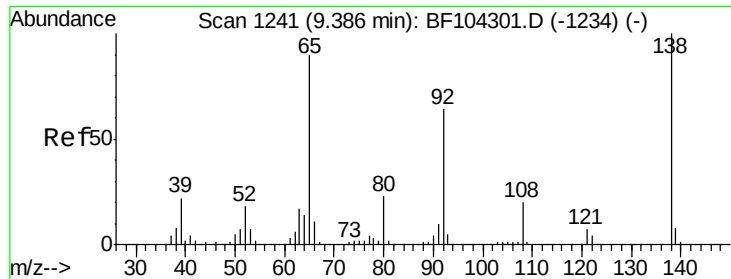
#46
 2-Chloronaphthalene
 Concen: 39.176 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion:	162	Resp:	620785
Ion Ratio	Lower	Upper	
162	100		
127	43.0	33.9	50.9
164	32.9	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



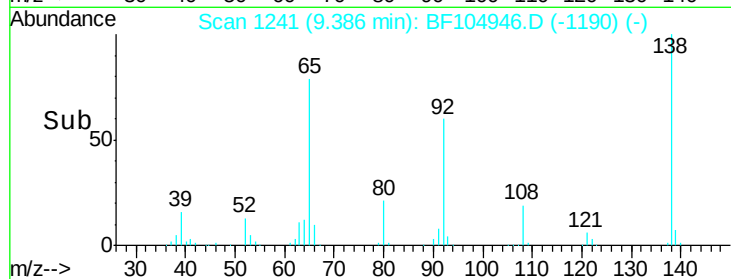
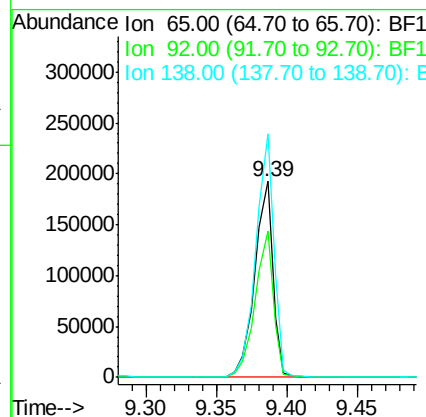
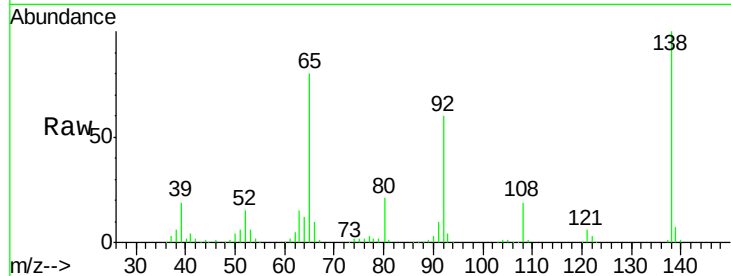


#47
 2-Nitroaniline
 Concen: 45.153 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 KS-RO-133MSD

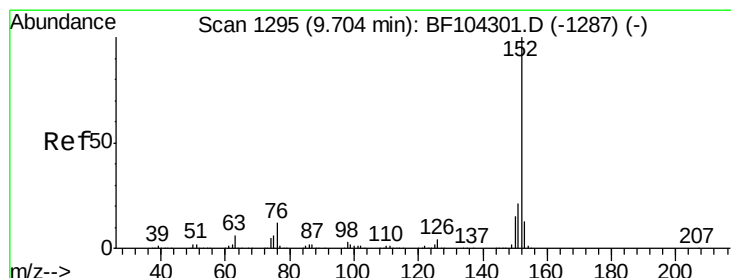
Tot Ion	Ratio	Lower	Upper
65	100		
92	75.0	55.8	83.6
138	124.2	91.2	136.8

Manual Integrations
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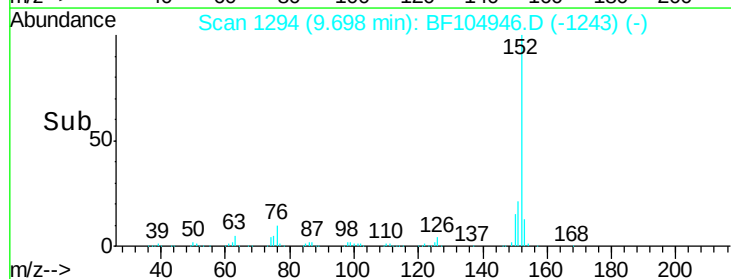
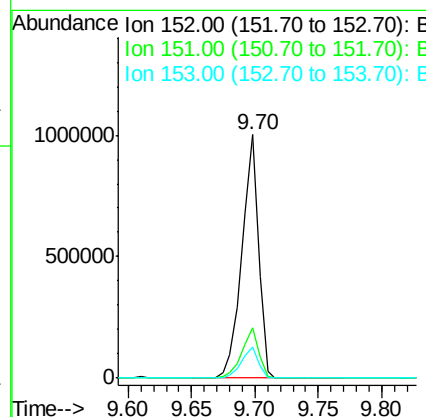
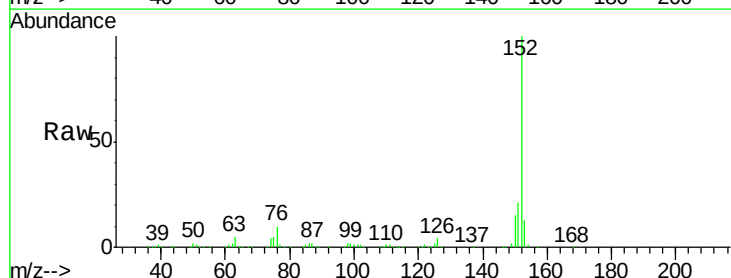
Sohil

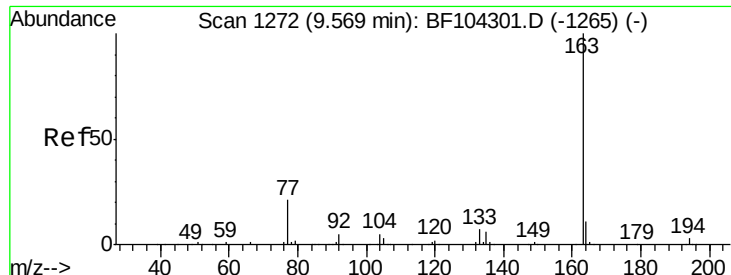
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#48
 Acenaphthylene
 Concen: 36.117 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.0	10.7	16.1



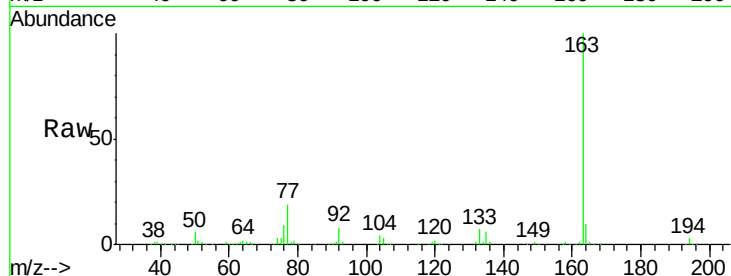


#49
Dimethylphthalate
Concen: 39.525 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

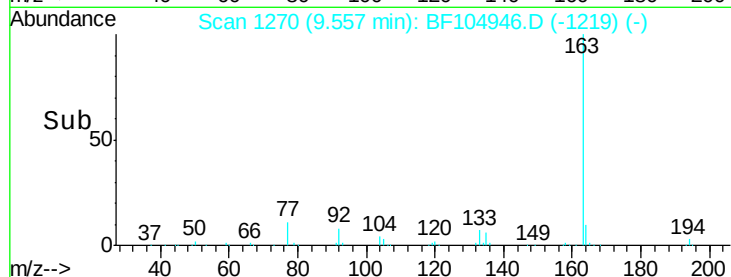
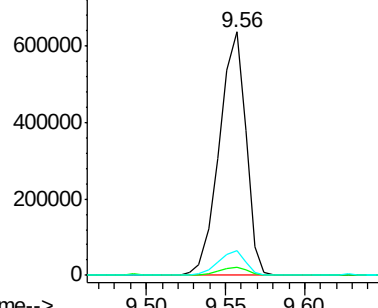
Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	744338		
194	3.4		2.7	4.1
164	10.2		8.2	12.2

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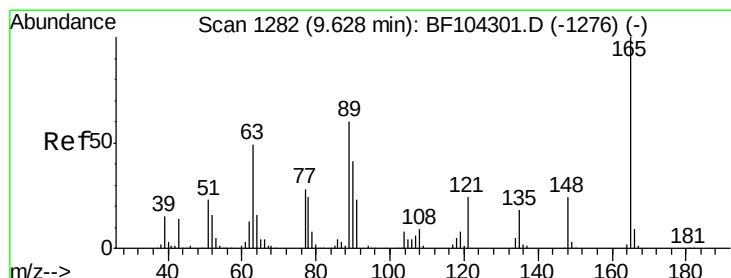


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



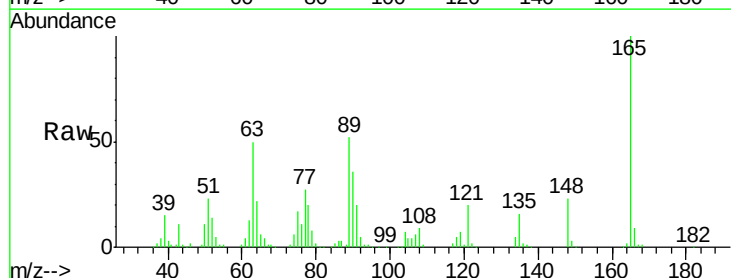
Sohil

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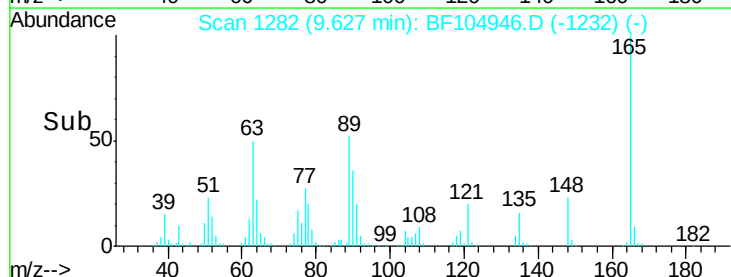
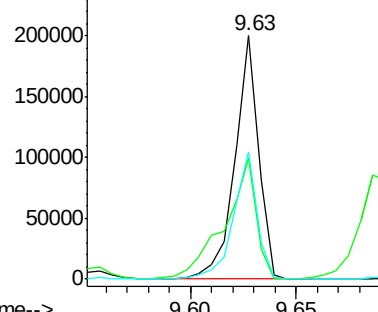


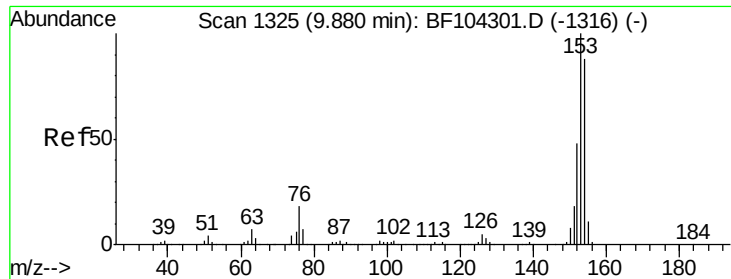
#50
2,6-Dinitrotoluene
Concen: 45.134 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	157274		
63	49.6		44.7	67.1
89	52.4		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: 34.850 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

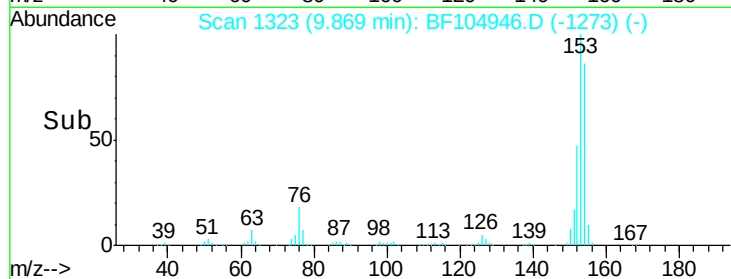
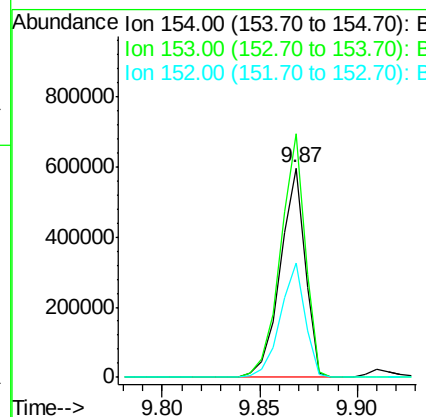
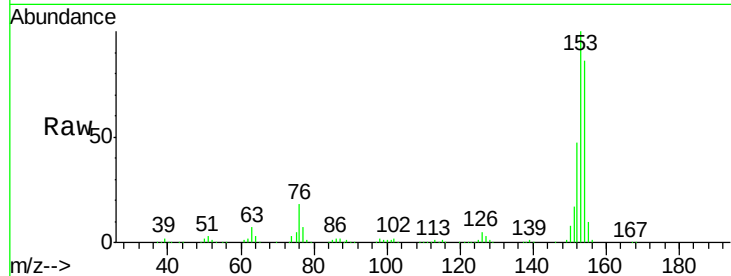
BNA_F

ClientSampled :

KS-RO-133MSD

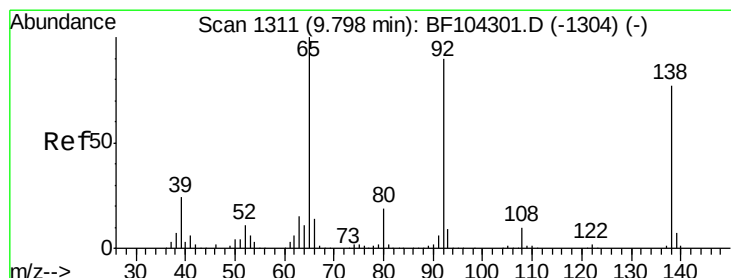
Tot Ion:	154	Resp:	528654
Ion Ratio	Lower	Upper	
154	100		
153	116.1	91.2	136.8
152	54.4	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 25.699 ng

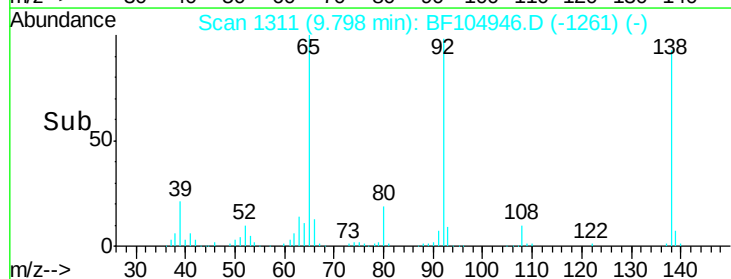
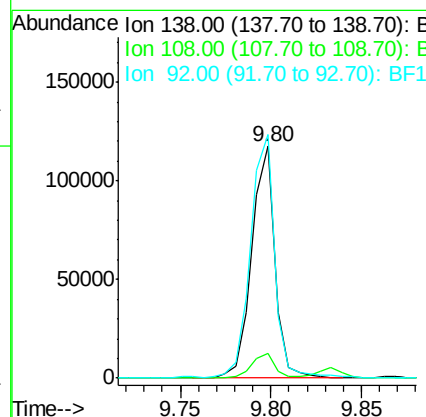
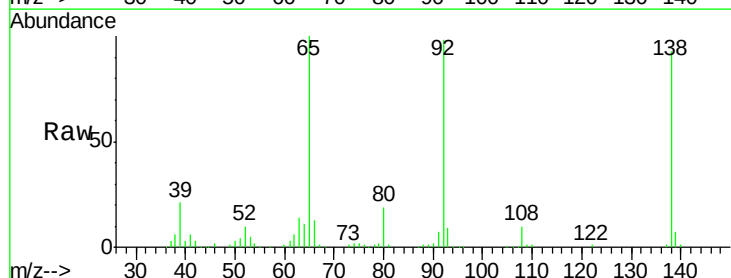
RT: 9.80 min Scan# 1311

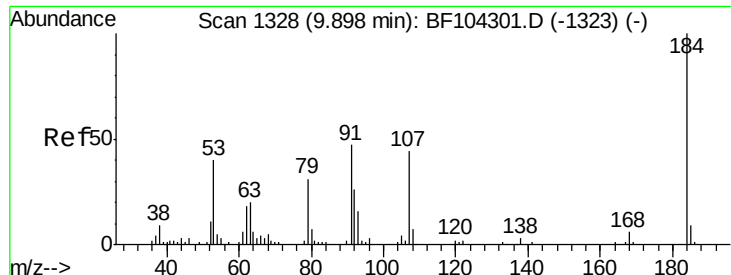
Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Tgt Ion:	138	Resp:	104838
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.0
92	105.0	89.4	134.2



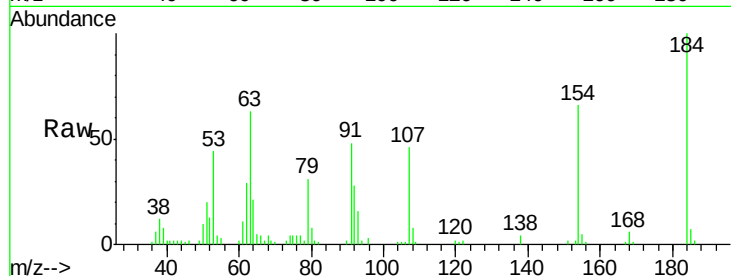


#53
 2,4-Dinitrophenol
 Concen: 36.325 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

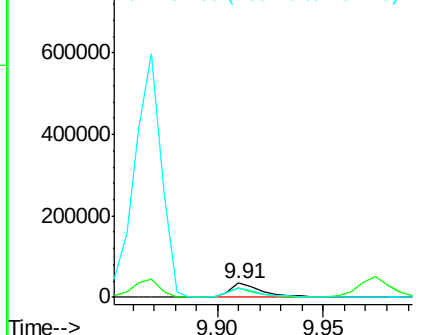
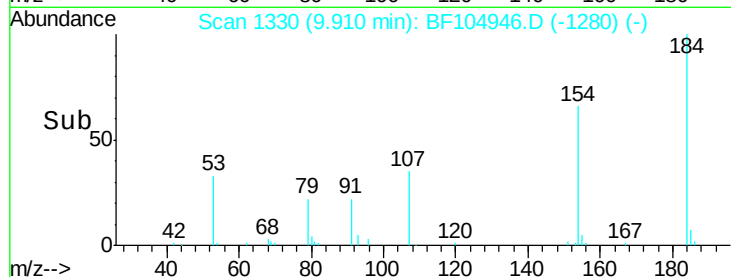
Instrument :
 BNA_F
 ClientSampleId :
 KS-RO-133MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.4	54.2	81.2
154	66.3	184.0	276.0#

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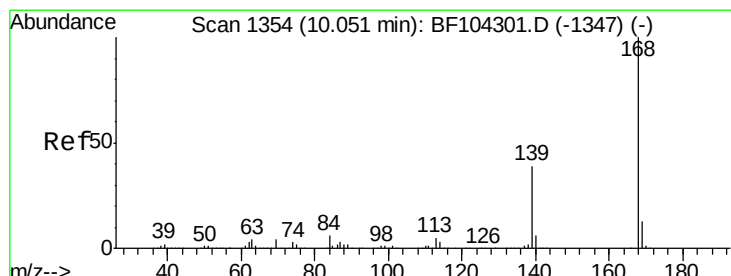


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E



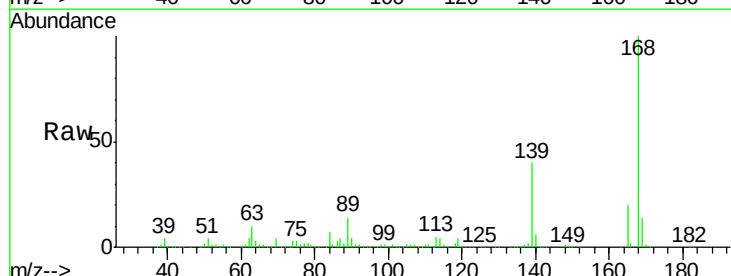
Sohil

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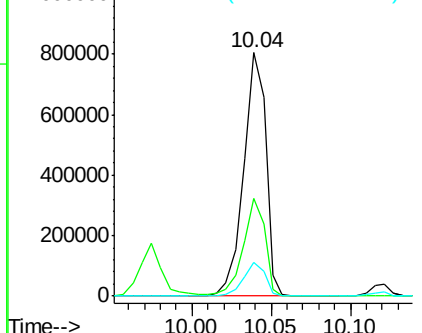
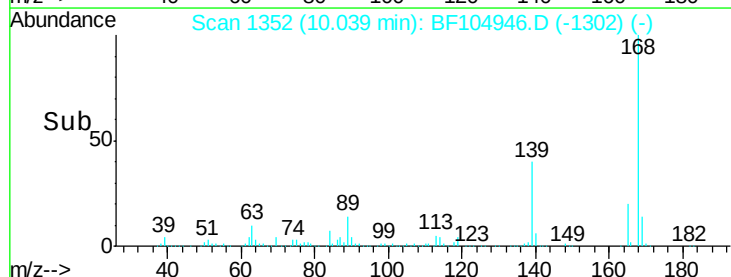


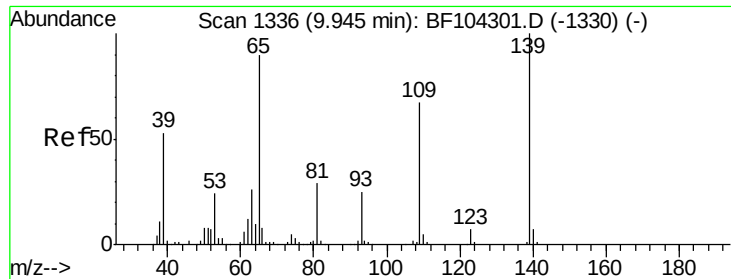
#54
 Dibenzofuran
 Concen: 36.822 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.4	30.1	45.1
169	13.8	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E



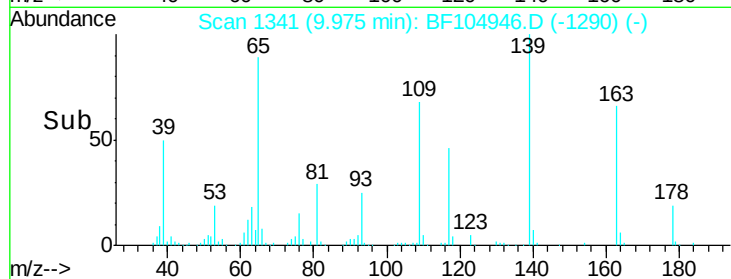
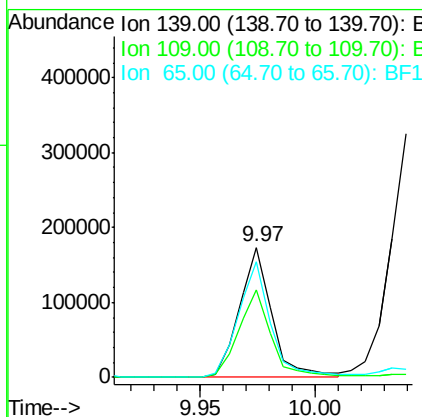
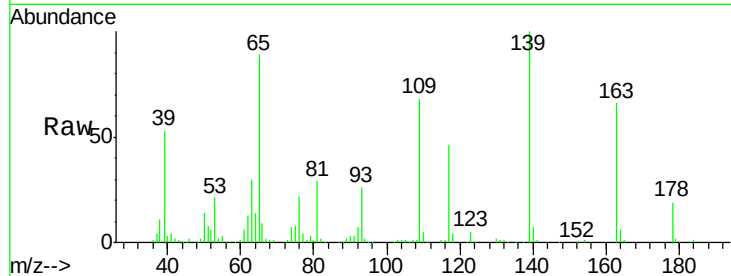


#55
4-Nitrophenol
Concen: 53.255 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampled :
KS-RO-133MSD

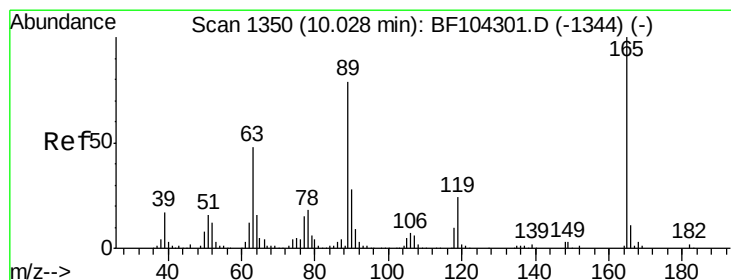
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.5	48.4	88.4	
65	89.2	72.6	112.6	

Manual Integrations
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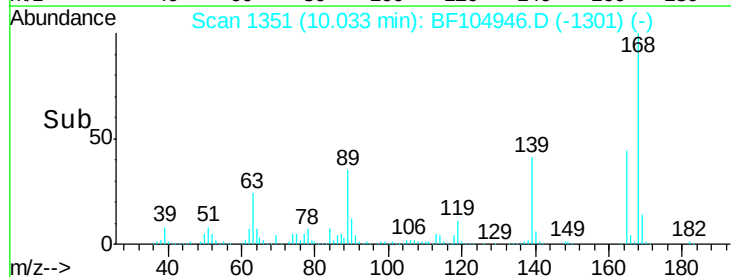
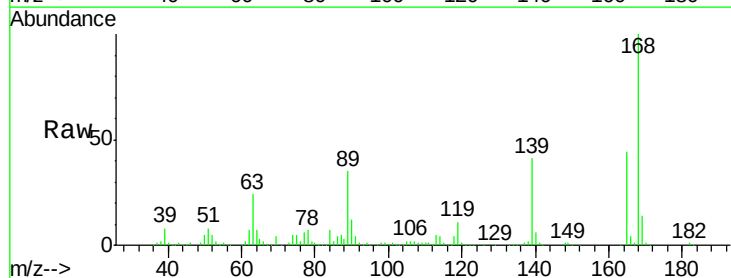
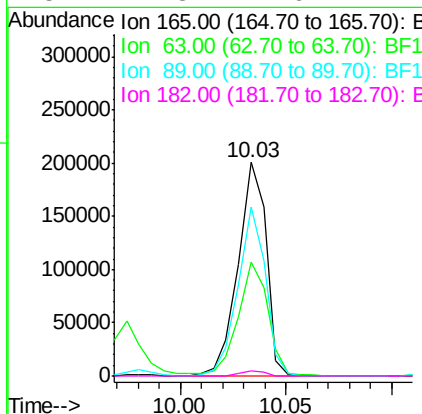
Sohil

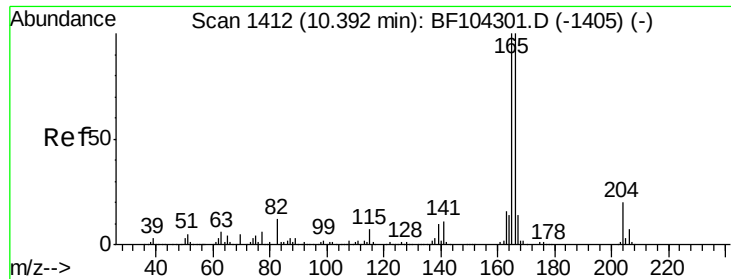
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#56
2,4-Dinitrotoluene
Concen: 40.416 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.5	36.4	54.6	
89	78.9	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 39.722 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

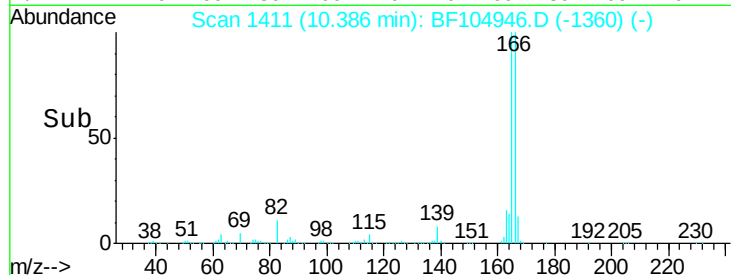
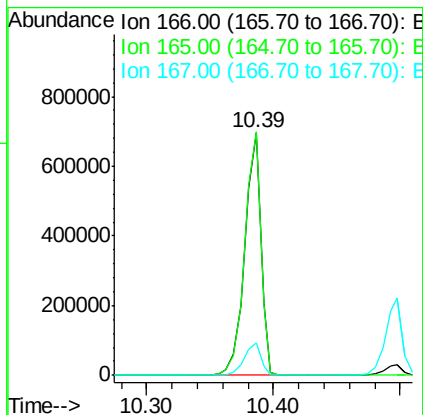
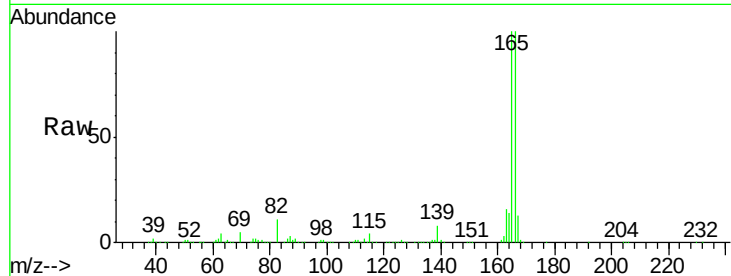
BNA_F

ClientSampleId :

KS-RO-133MSD

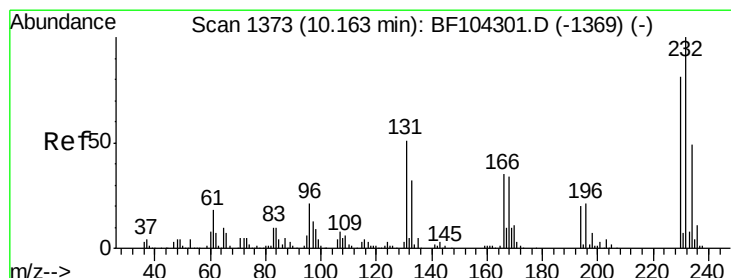
Tot Ion:	166	Resp:	611205
Ion Ratio	Lower	Upper	
166	100		
165	100.5	79.8	119.8
167	13.3	10.6	16.0

Manual Integrations
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Sohil

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.290 ng

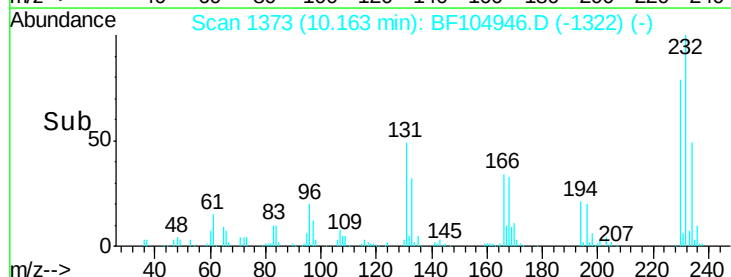
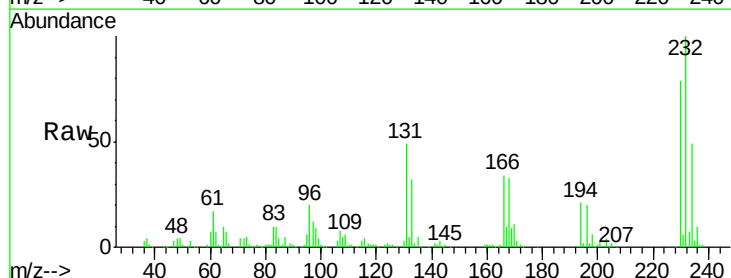
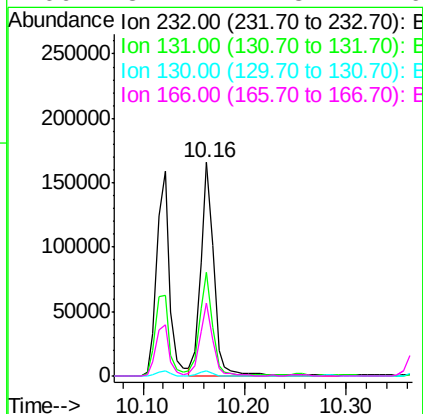
RT: 10.16 min Scan# 1373

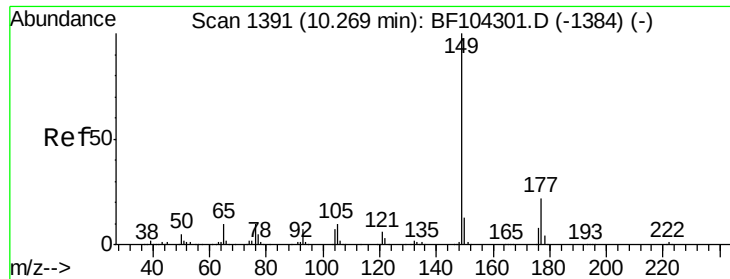
Delta R.T. -0.00 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Tgt Ion:	232	Resp:	147734
Ion Ratio	Lower	Upper	
232	100		
131	47.8	43.8	65.8
130	2.3	2.1	3.1
166	34.2	27.8	41.6



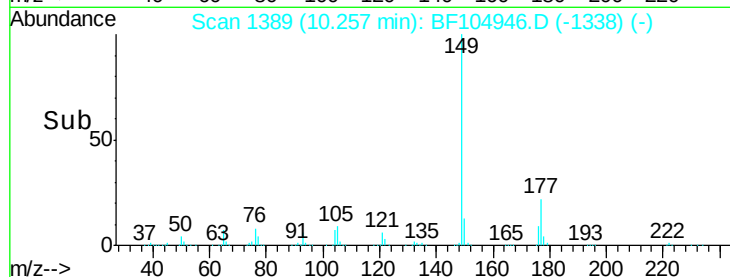
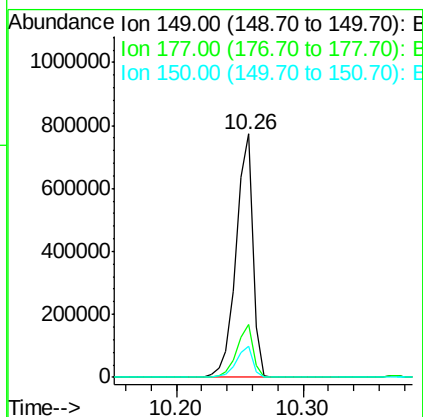
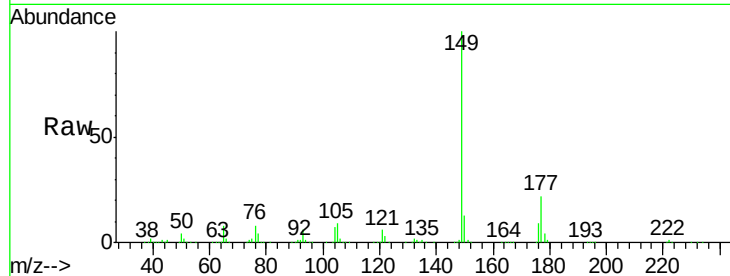


#59
Diethylphthalate
Concen: 37.180 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

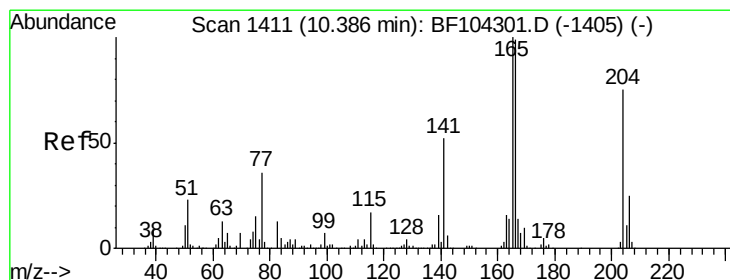
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.5	10.1	15.1

Manual Integrations
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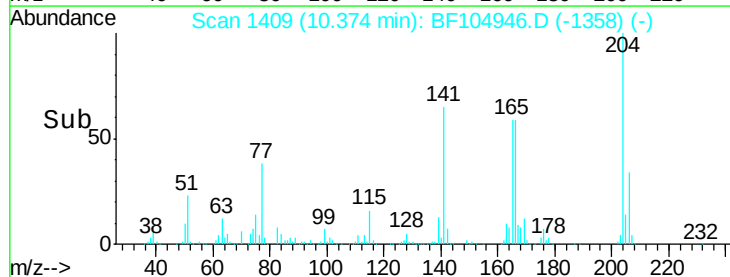
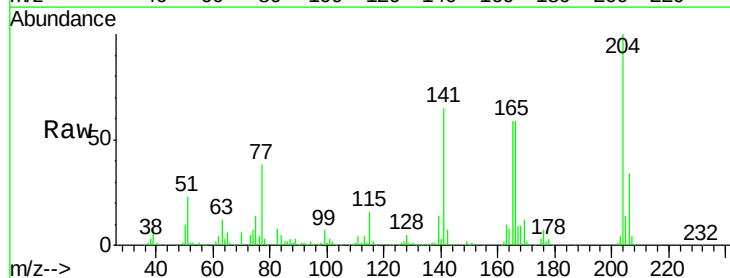
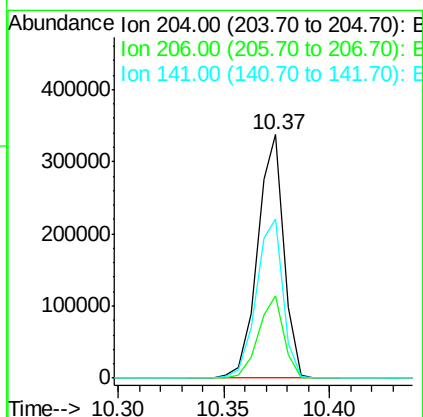
Sohil

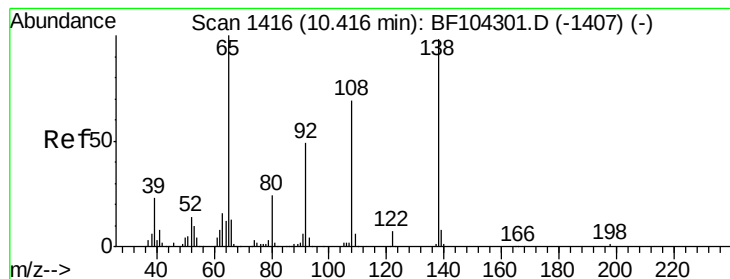
5/1/2018 7:05:45 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.379 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	65.5	54.6	81.8



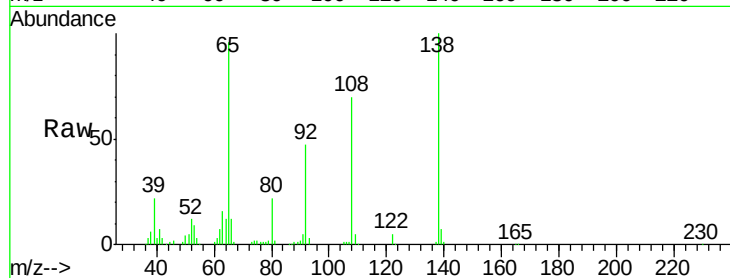


#61
4-Nitroaniline
Concen: 37.068 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

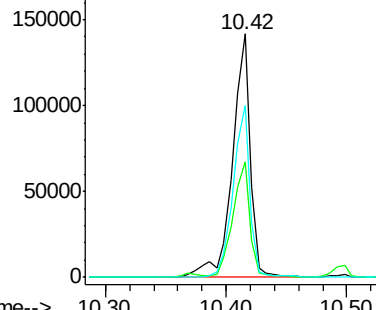
Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.5	30.2	70.2
108	70.4	52.5	92.5

Manual Integrations
APPROVED

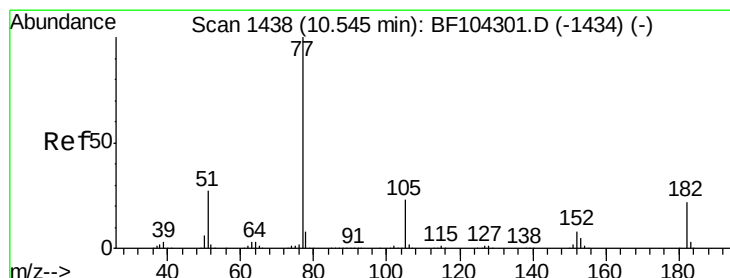
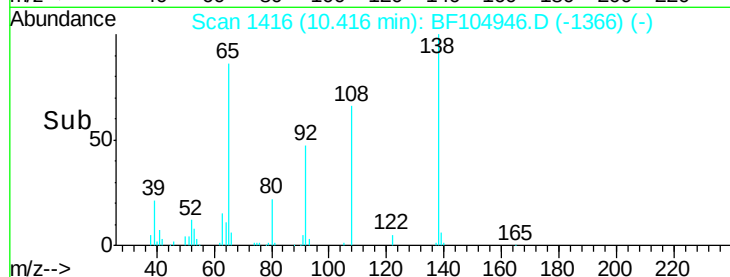


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E



Sohil

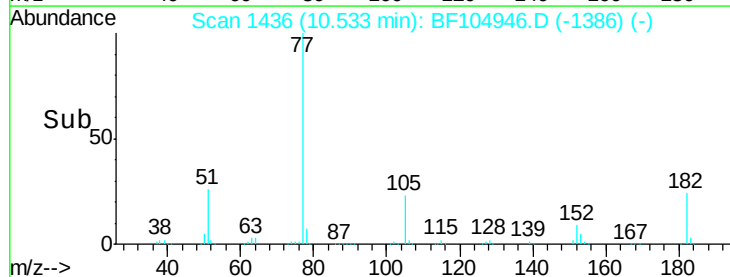
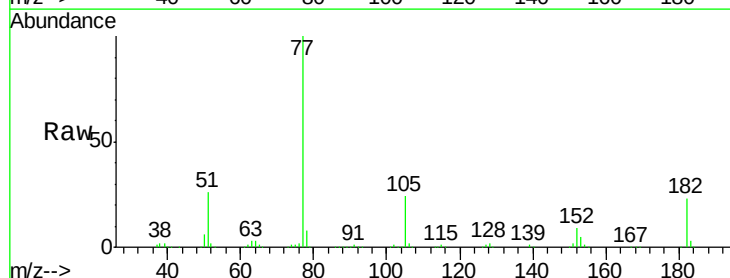
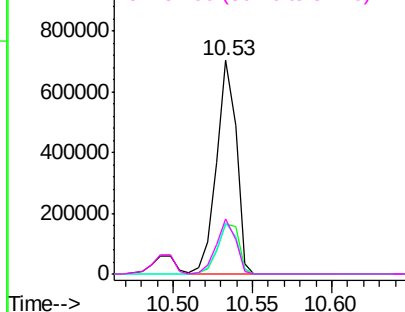
5/1/2018 7:05:45 PM

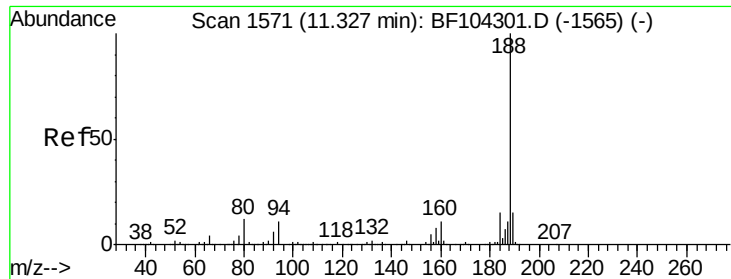


#62
Azobenzene
Concen: 33.974 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.5	1.7	41.7
105	23.8	3.0	43.0
51	25.9	9.9	49.9

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1



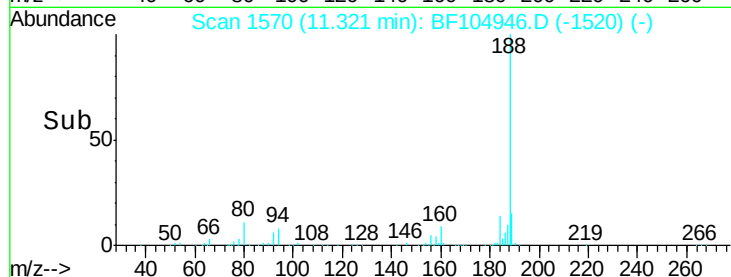
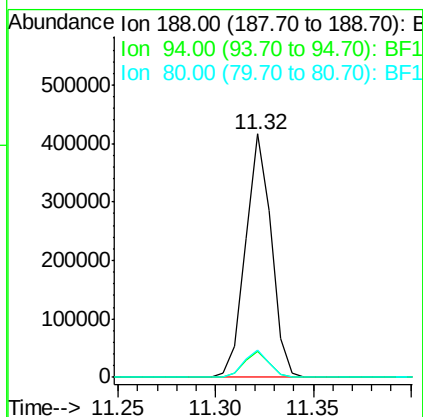
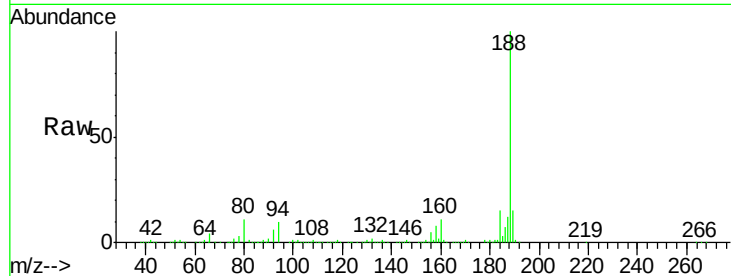


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampled :
KS-RO-133MSD

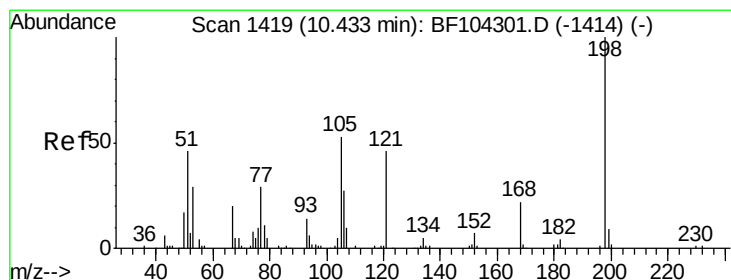
Tot Ion	Ratio	Resp	Lower	Upper
188	100	379199		
94	10.4		8.5	12.7
80	11.2		9.2	13.8

Manual Integrations
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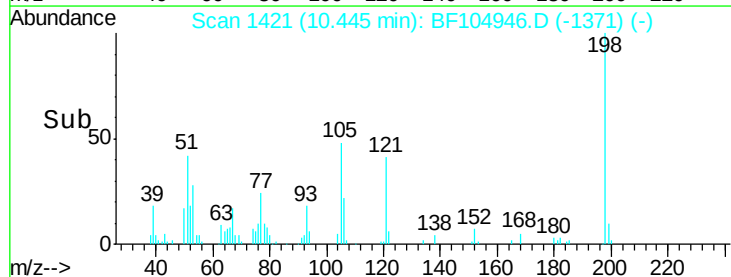
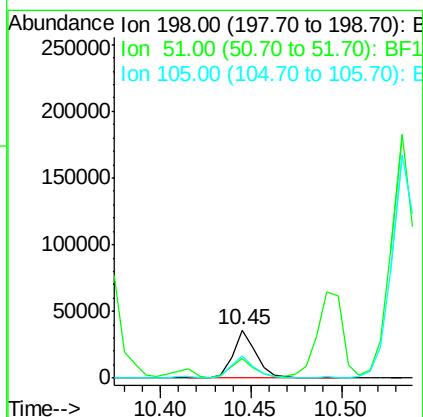
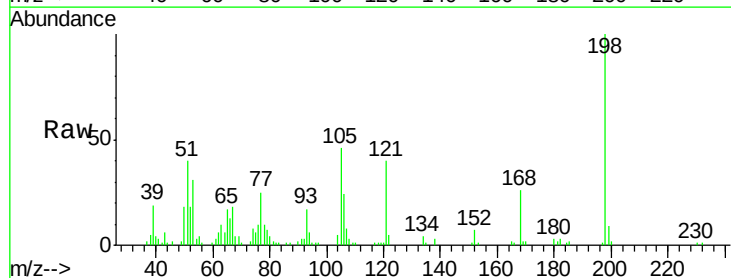
Sohil

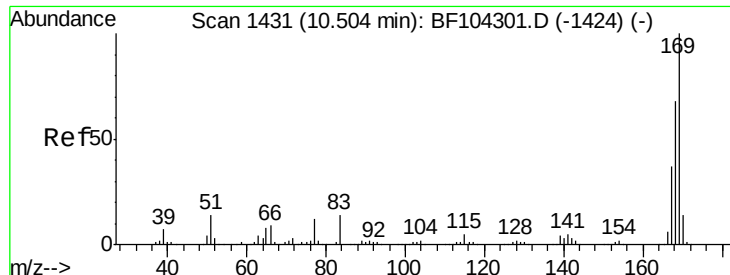
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#64
4,6-Dinitro-2-methylphenol
Concen: 22.104 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	32178		
51	40.4		37.7	77.7
105	46.1		36.3	76.3



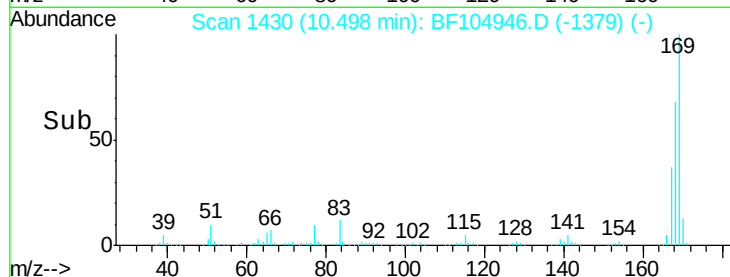
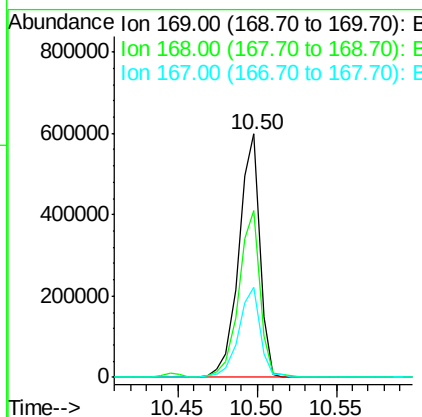
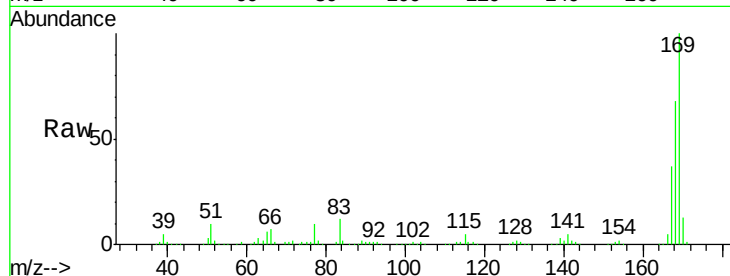


#65
n-Nitrosodiphenylamine
Concen: 41.686 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

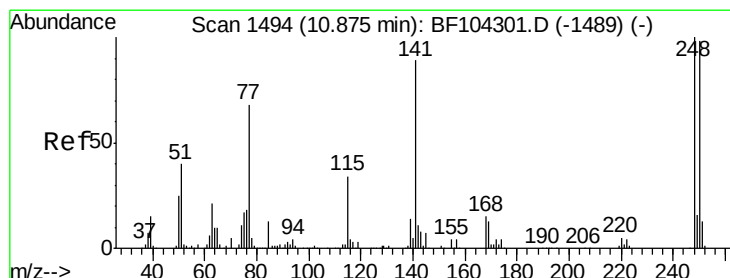
Tot Ion	Ratio	Resp	Lower	Upper
169	100	548085		
168	68.4		54.4	81.6
167	37.0		29.8	44.6

Manual Integrations
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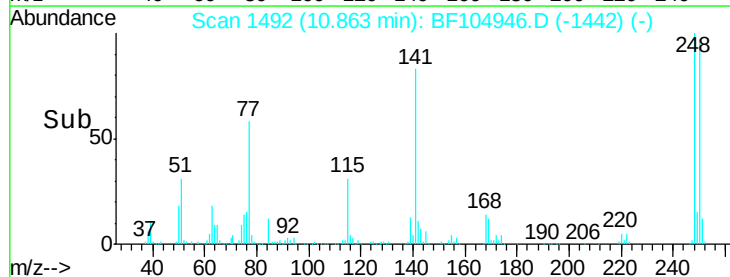
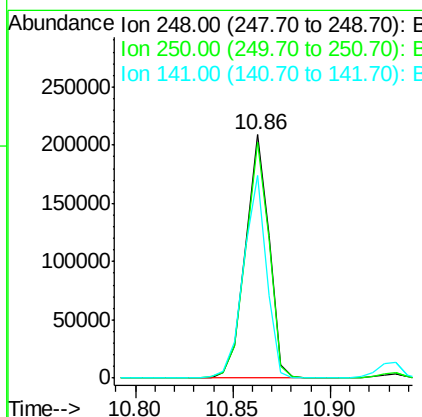
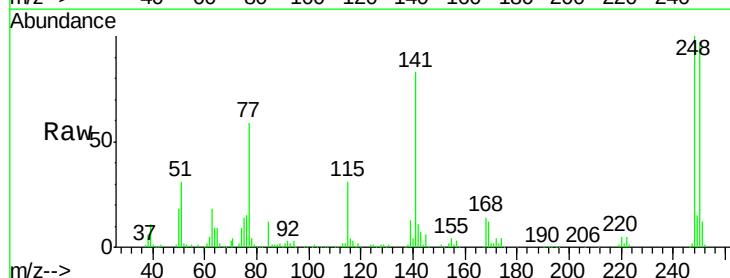
Sohil

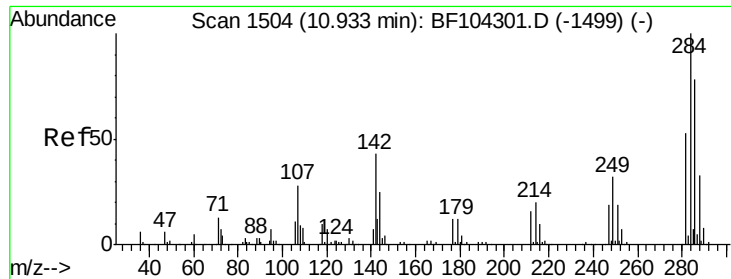
5/1/2018 7:05:45 PM



#66
4-Bromophenyl-phenylether
Concen: 43.361 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	174893		
250	96.7		76.9	115.3
141	83.4		74.4	111.6



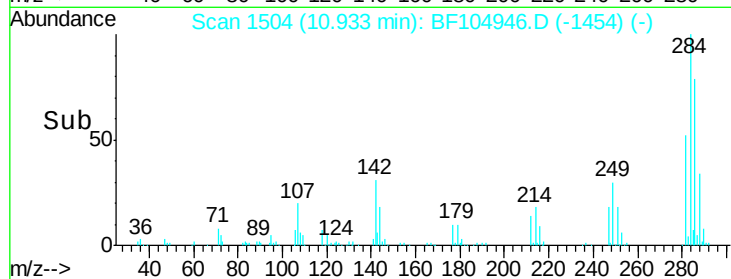
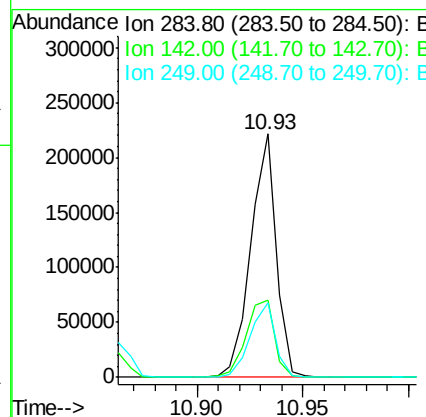
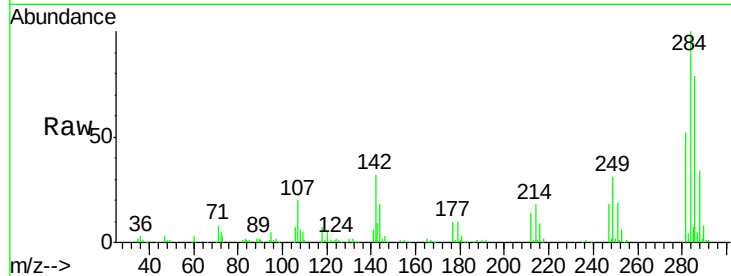


#67
Hexachlorobenzene
Concen: 40.875 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

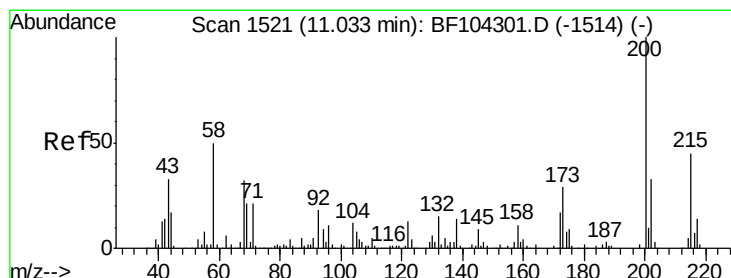
Tot Ion	Ratio	Resp	Lower	Upper
284	100	185512		
142	31.8	34.6	52.0#	
249	30.8	24.8	37.2	

Manual Integrations
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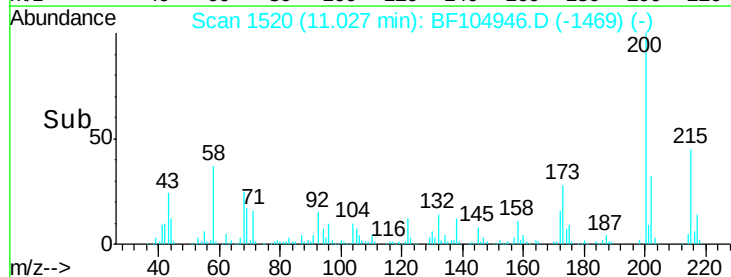
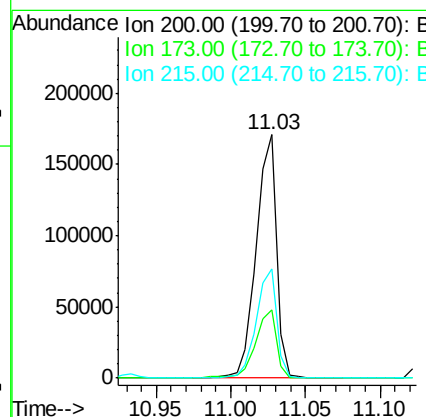
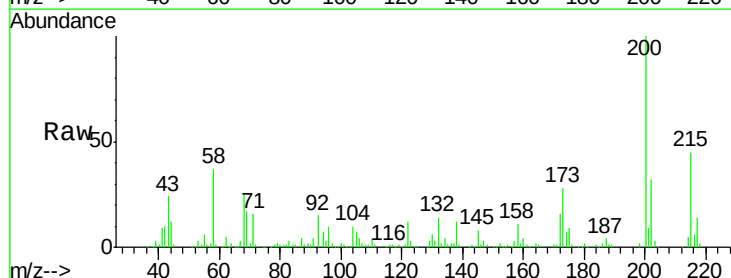
Sohil

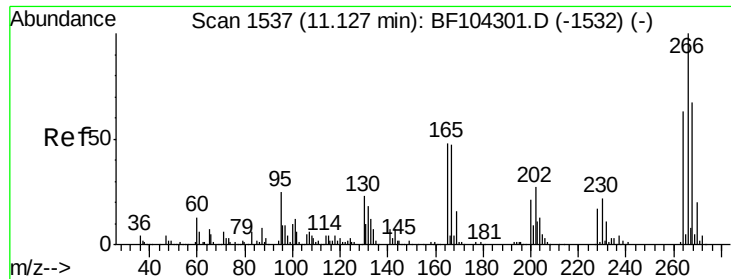
5/1/2018 7:05:45 PM



#68
Atrazine
Concen: 40.310 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	159975		
173	28.2	8.6	48.6	
215	44.9	25.1	65.1	



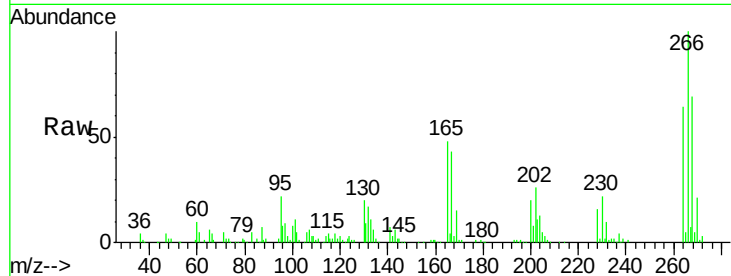


#69
 Pentachlorophenol
 Concen: 55.448 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

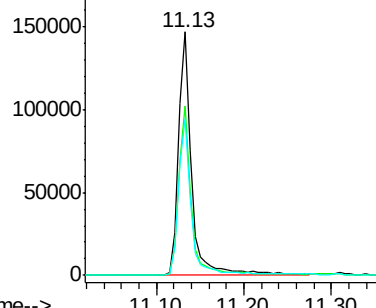
Instrument :
 BNA_F
 ClientSampleId :
 KS-RO-133MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	69.4	51.1	76.7
264	64.1	49.5	74.3

Manual Integrations
 APPROVED

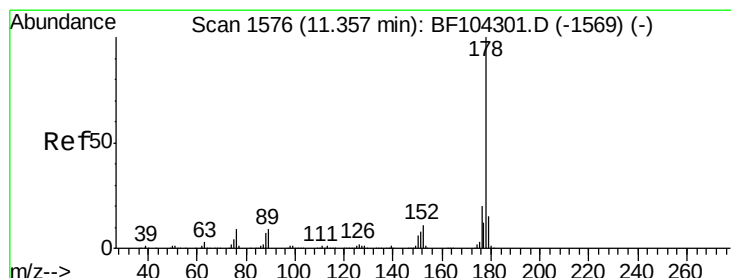
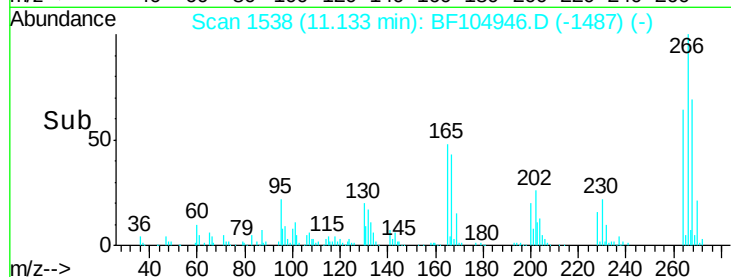


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E



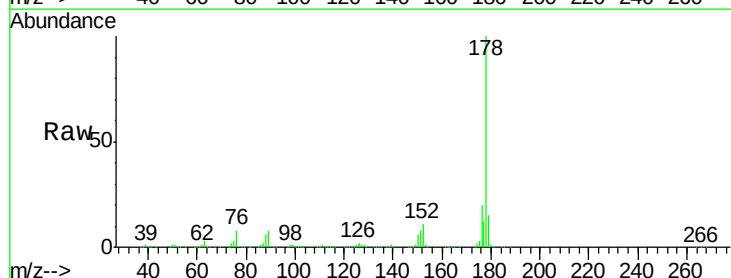
Sohil

5/1/2018 7:05:45 PM

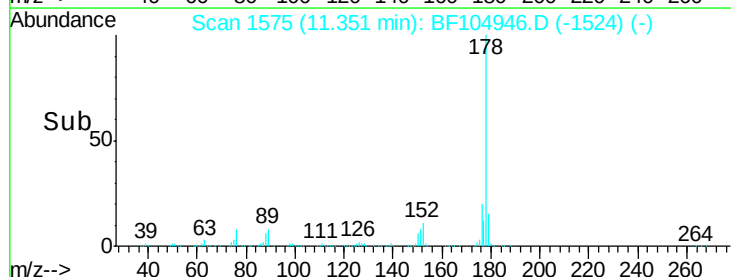
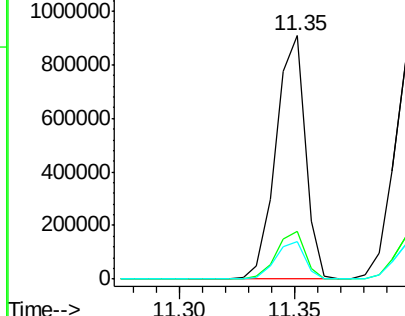


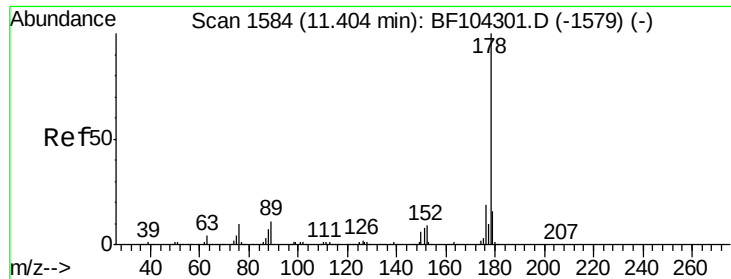
#70
 Phenanthrene
 Concen: 37.998 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.2	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



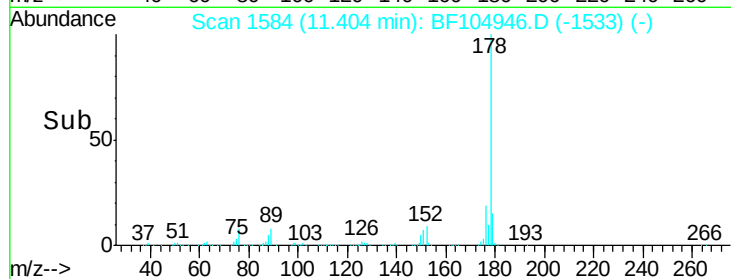
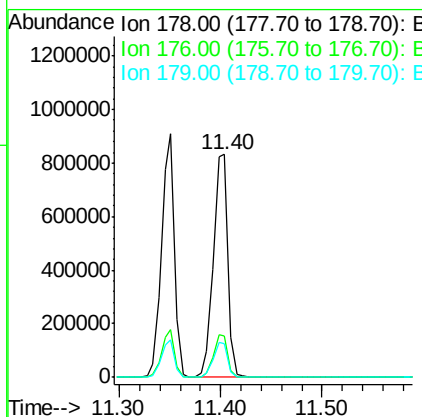
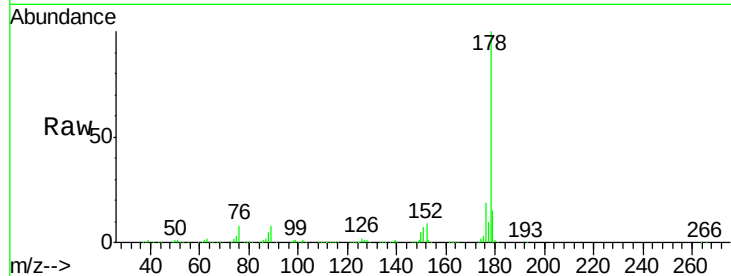


#71
 Anthracene
 Concen: 38.705 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 KS-RO-133MSD

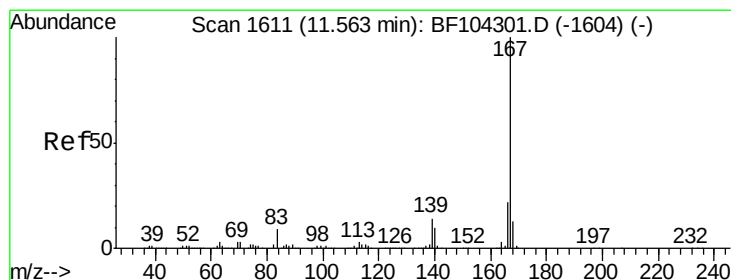
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.3	12.6	19.0

Manual Integrations
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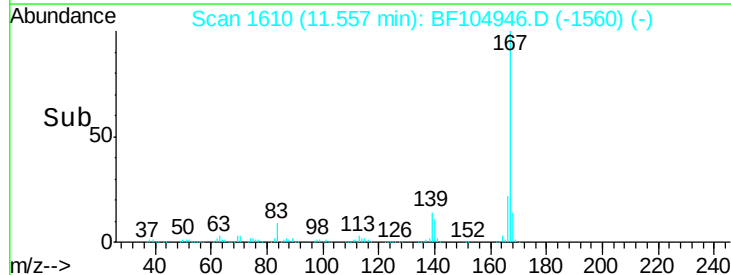
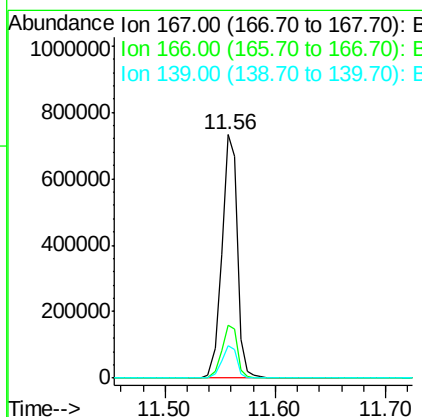
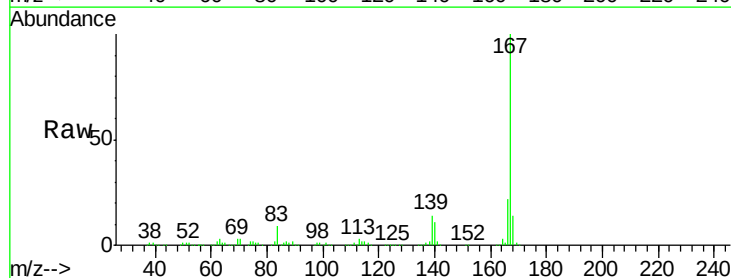
Sohil

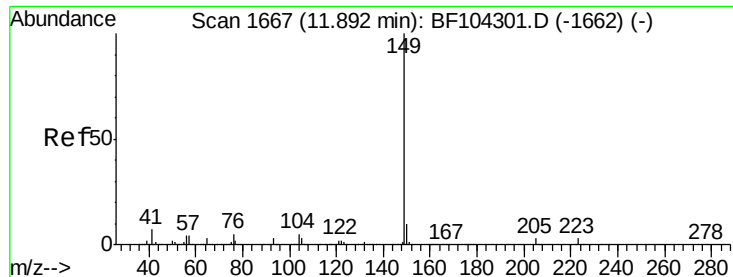
5/1/2018 7:05:45 PM



#72
 Carbazole
 Concen: 34.267 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

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





#73

Di-n-butylphthalate

Concen: 38.266 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

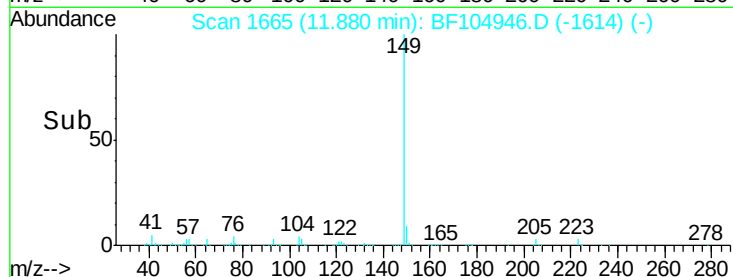
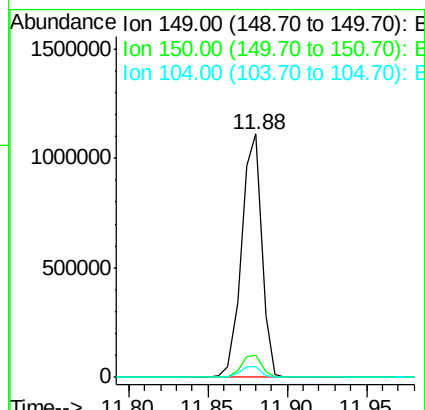
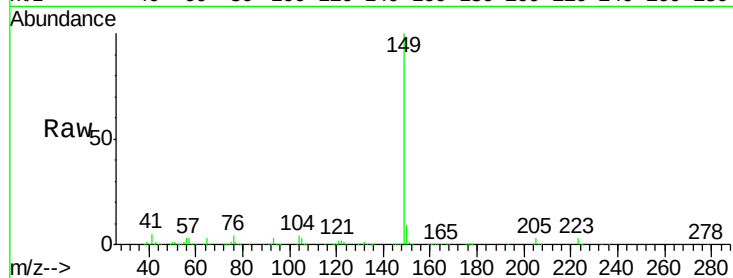
BNA_F

ClientSampleId :

KS-RO-133MSD

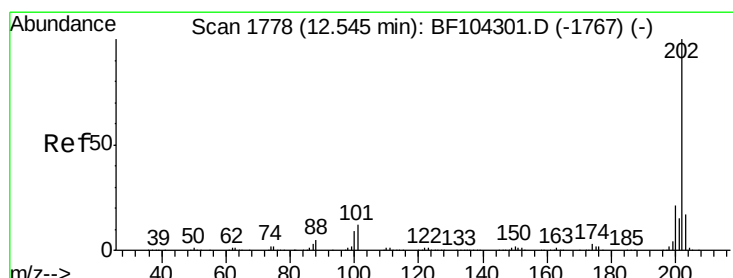
Tot Ion:	149	Resp:	980503
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.5	3.8	5.8

Manual Integrations
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Sohil

5/1/2018 7:05:45 PM



#74

Fluoranthene

Concen: 32.894 ng

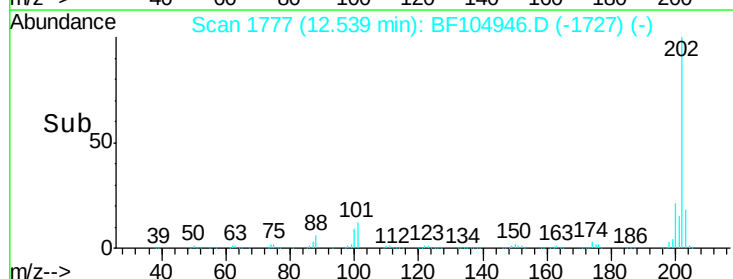
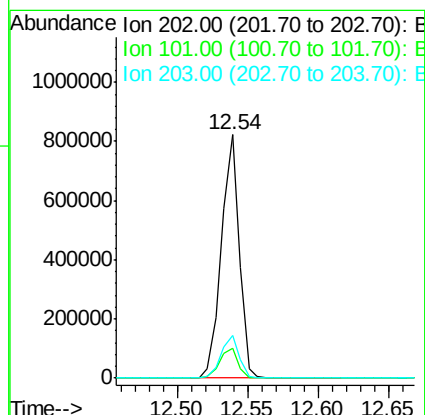
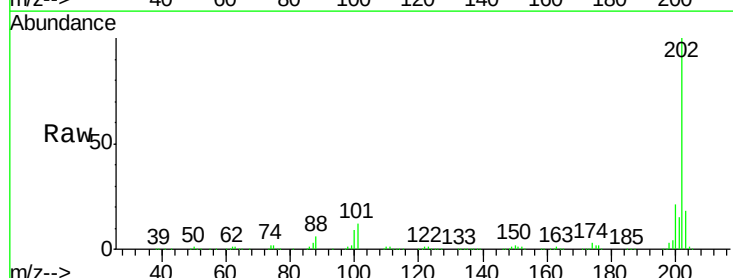
RT: 12.54 min Scan# 1777

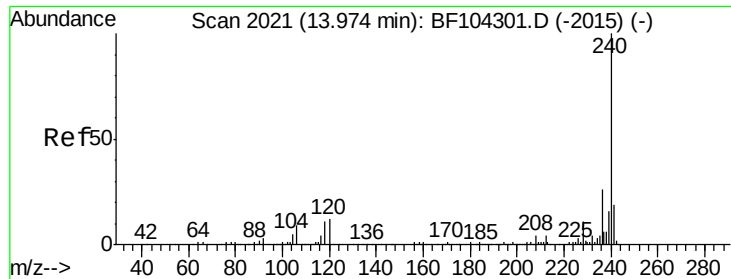
Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Tgt Ion:	202	Resp:	725764
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

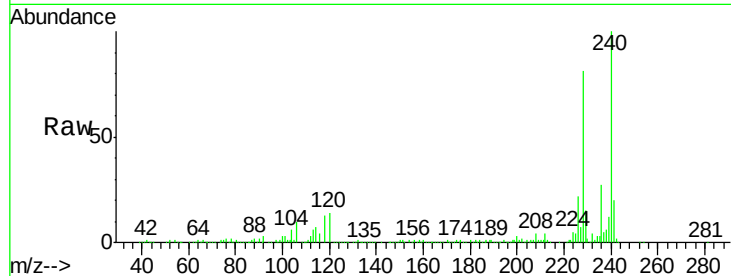
BNA_F

ClientSampleId :

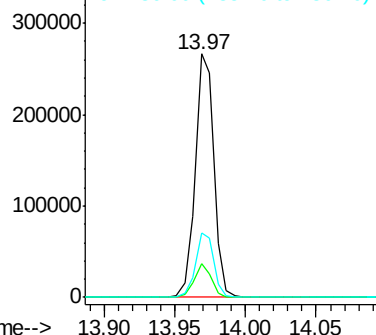
KS-RO-133MSD

Tot Ion:	240	Resp:	244421
Ion Ratio	Lower	Upper	
240	100		
120	14.0	9.5	14.3
236	26.6	20.7	31.1

Manual Integrations
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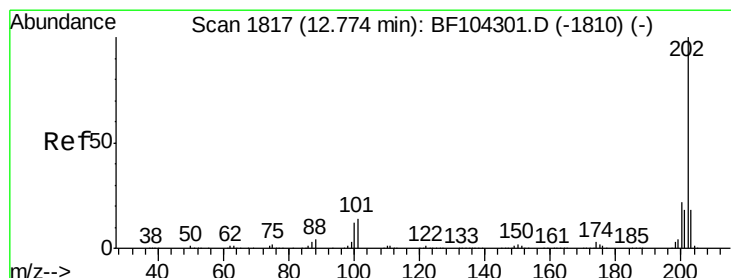
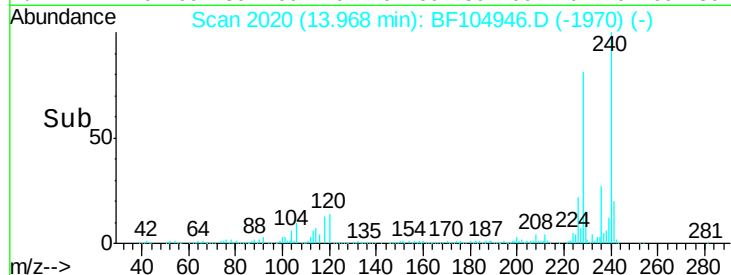


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



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#77

Pyrene

Concen: 39.603 ng

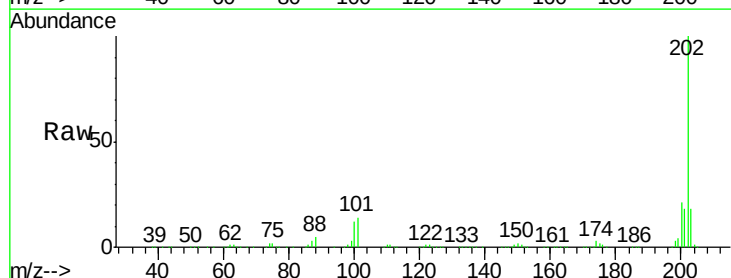
RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

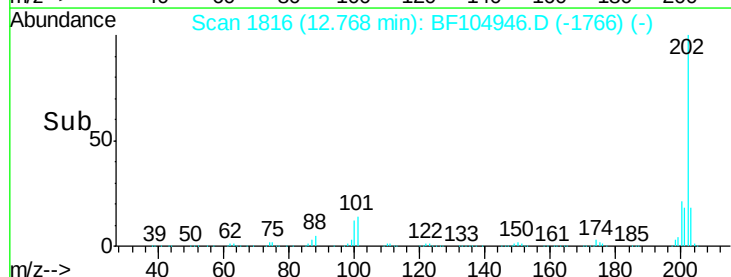
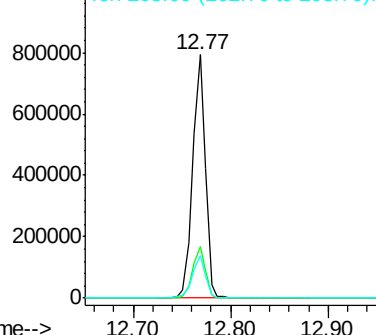
Lab File: BF104946.D

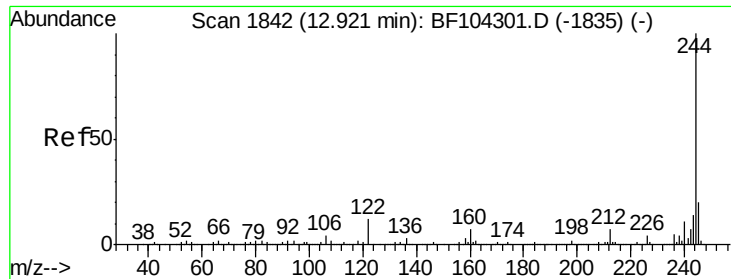
Acq: 30 Apr 2018 21:14

Tgt Ion:	202	Resp:	717506
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.4	26.2
203	17.6	14.3	21.5



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



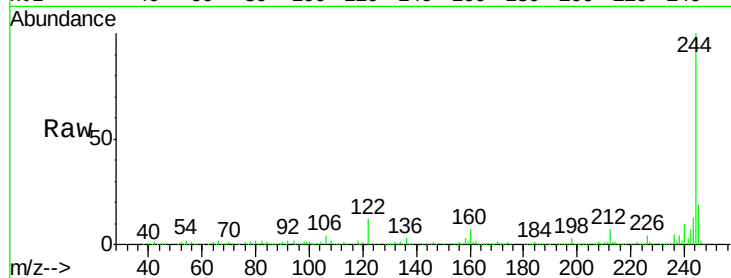


#78
 Terphenyl-d14
 Concen: 90.798 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

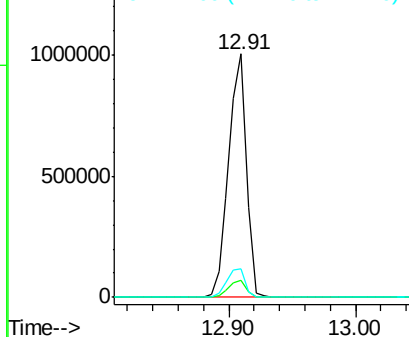
Instrument :
 BNA_F
 ClientSampleId :
 KS-RO-133MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.9	11.0	16.4

Manual Integrations
 APPROVED

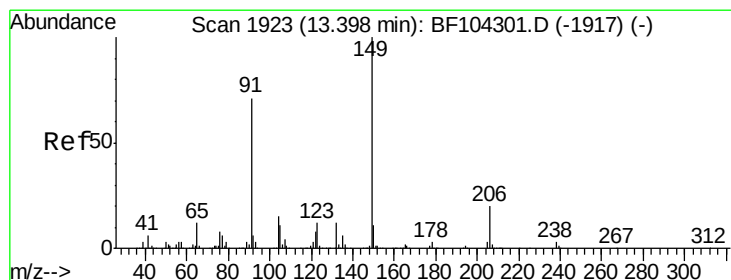
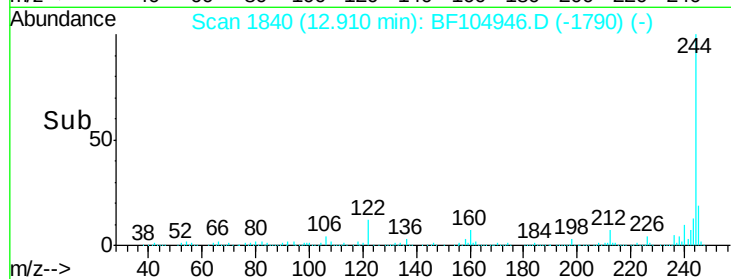


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



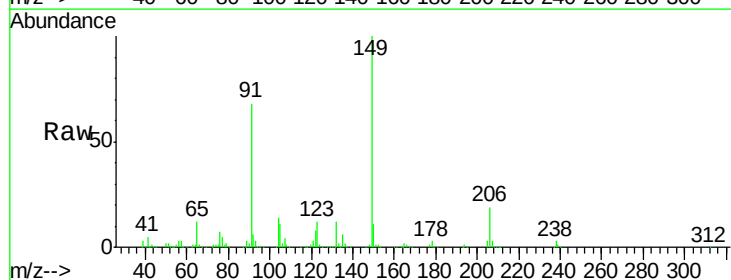
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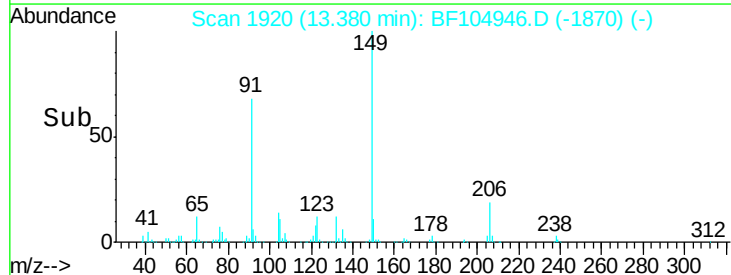
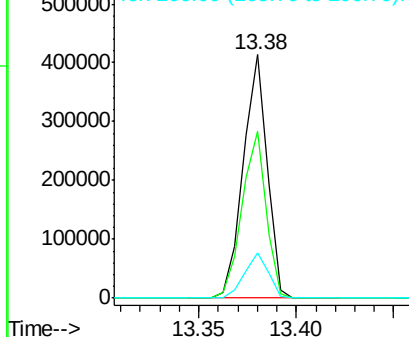


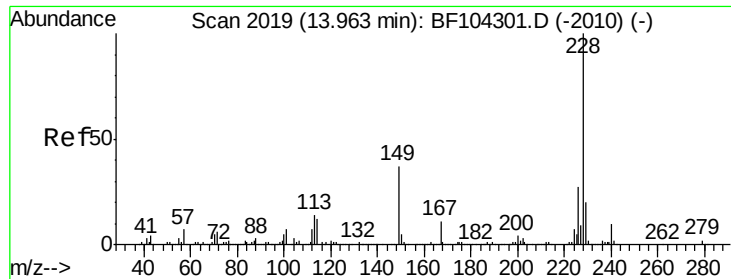
#79
 Butylbenzylphthalate
 Concen: 41.277 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF104946.D
 Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.3	56.8	85.2
206	18.8	14.1	21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#80
Benzo(a)anthracene
Concen: 41.785 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

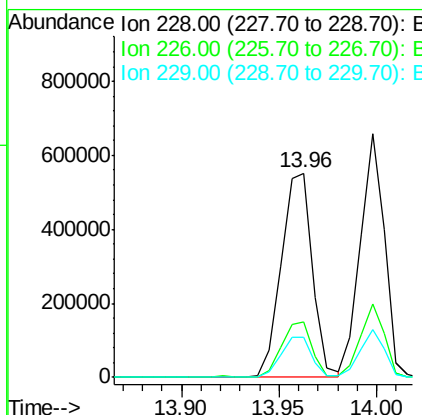
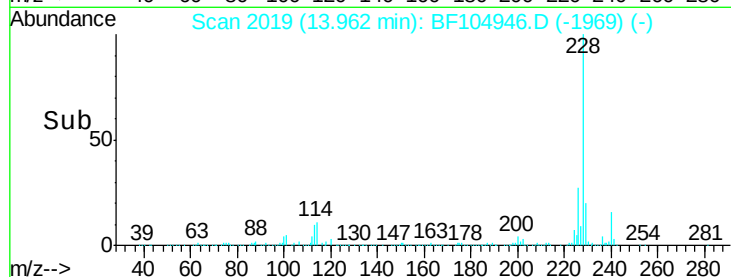
Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.7	15.8	23.6

Manual Integrations
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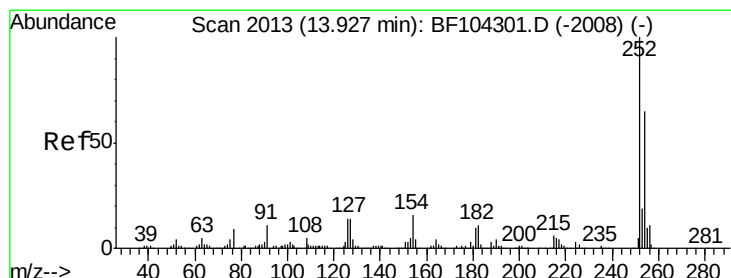


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



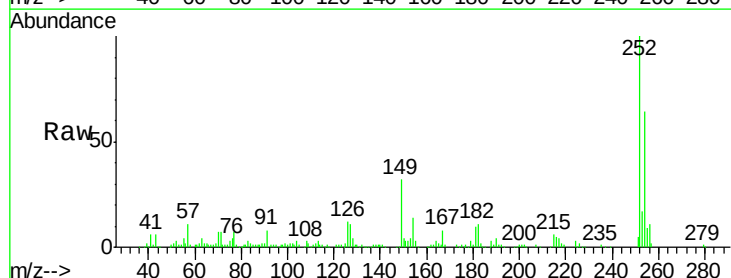
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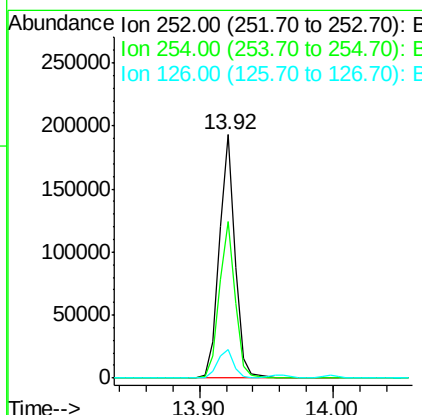
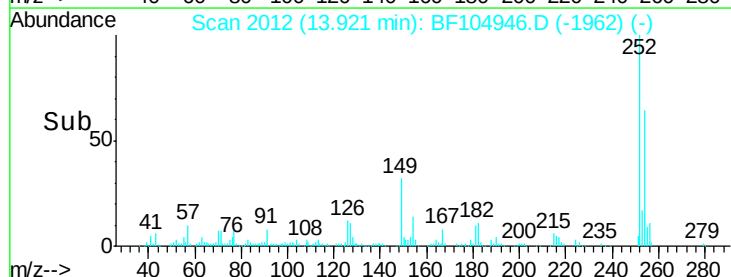


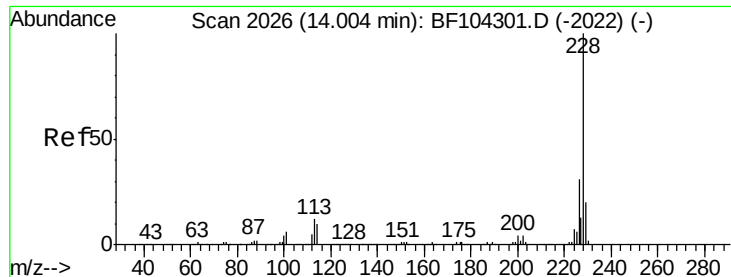
#81
3,3'-Dichlorobenzidine
Concen: 29.720 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	12.0	11.3	16.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 37.772 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

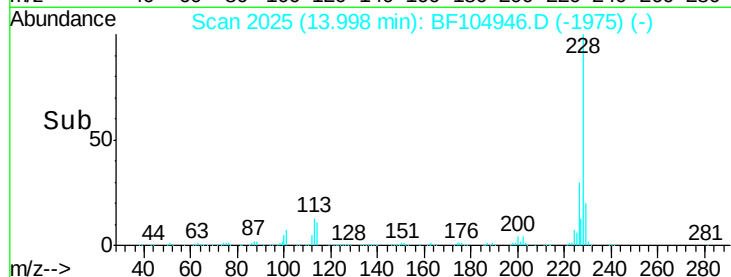
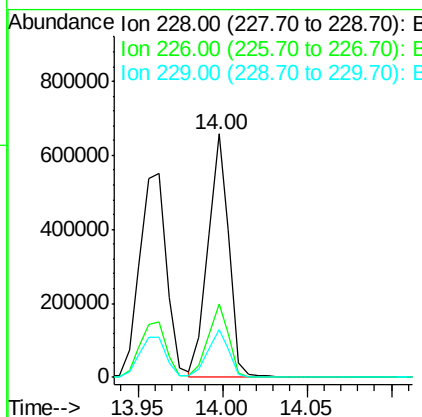
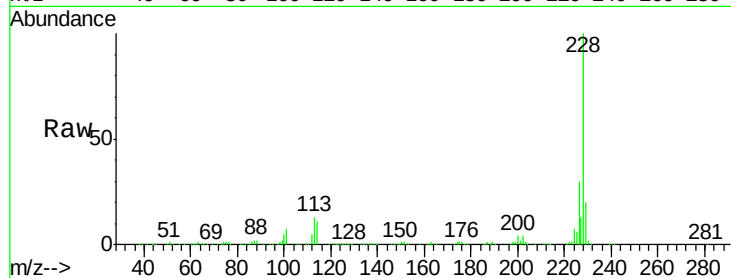
BNA_F

ClientSampleId :

KS-RO-133MSD

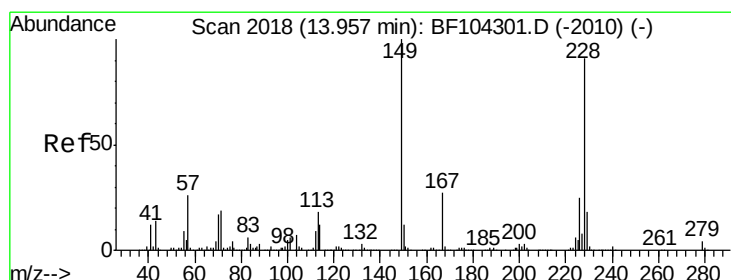
Tot Ion:	228	Resp:	566518
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.0	37.6
229	19.9	16.2	24.4

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 44.675 ng

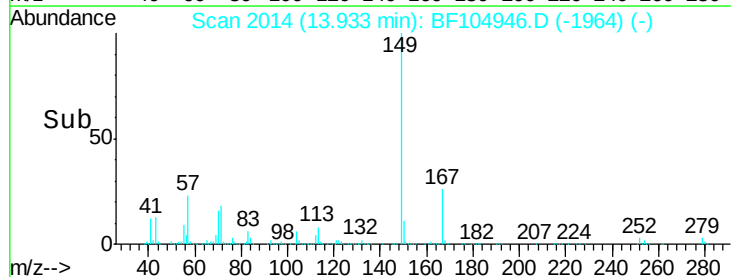
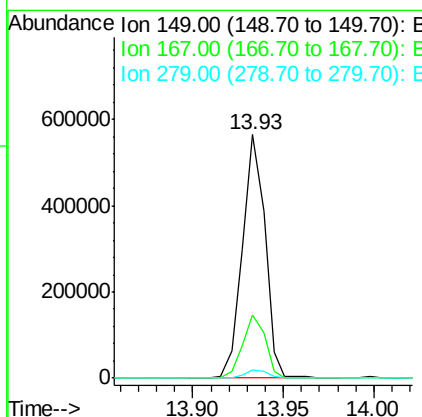
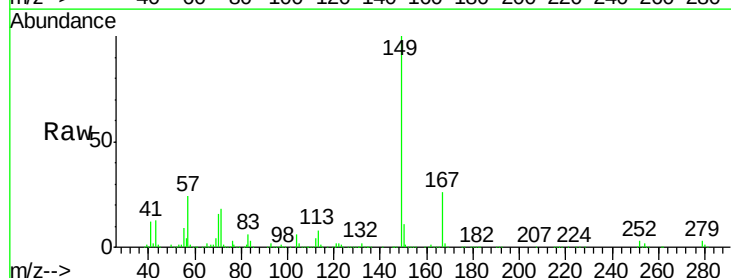
RT: 13.93 min Scan# 2014

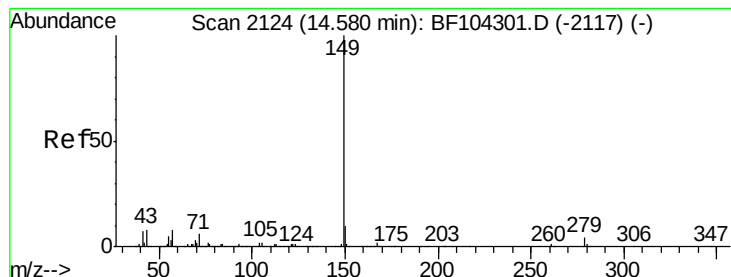
Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Tgt Ion:	149	Resp:	490470
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.3	31.9
279	3.3	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 42.685 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

Instrument :

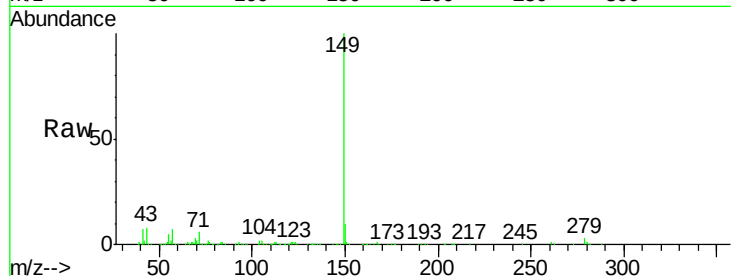
BNA_F

ClientSampled :

KS-RO-133MSD

Tot Ion:	149	Resp:	783031
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	7.8	8.4	12.6#

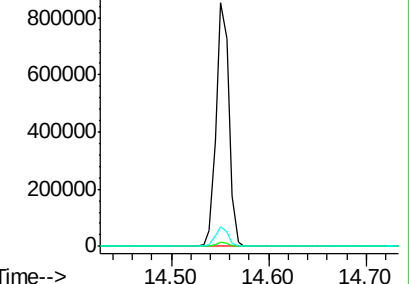
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E

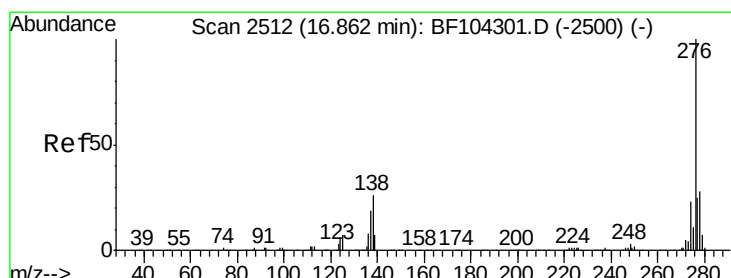
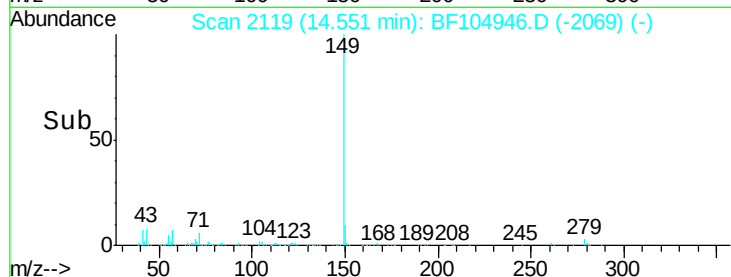
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



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#85

Indeno(1,2,3-cd)pyrene

Concen: 36.394 ng

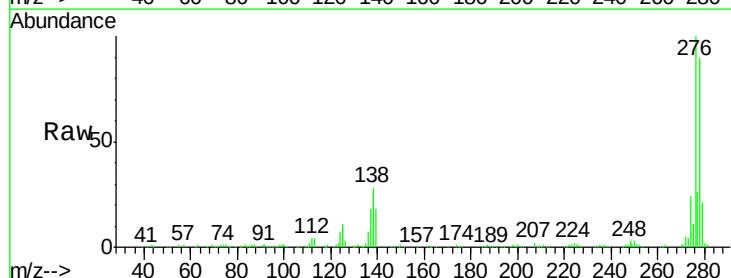
RT: 16.90 min Scan# 2518

Delta R.T. -0.01 min

Lab File: BF104946.D

Acq: 30 Apr 2018 21:14

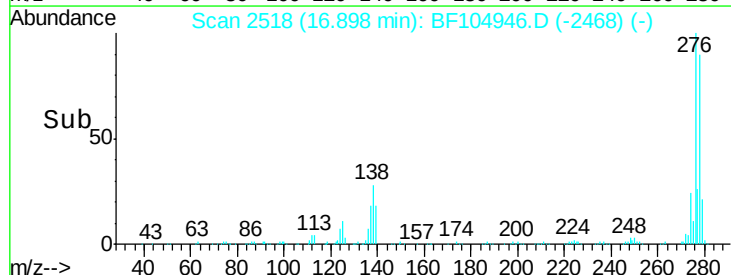
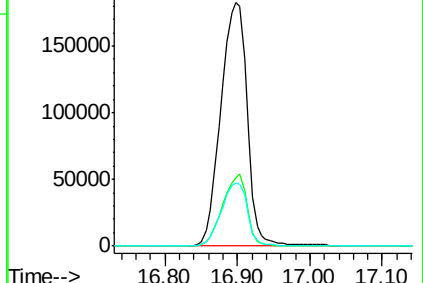
Tgt Ion:	276	Resp:	463692
Ion Ratio	Lower	Upper	
276	100		
138	27.5	25.0	37.6
277	25.4	20.1	30.1

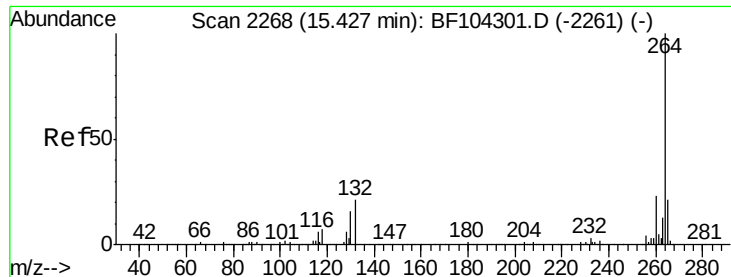


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



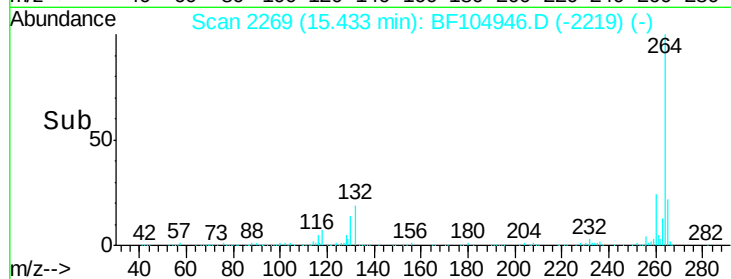
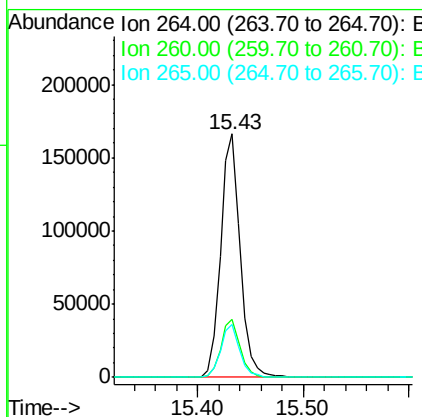
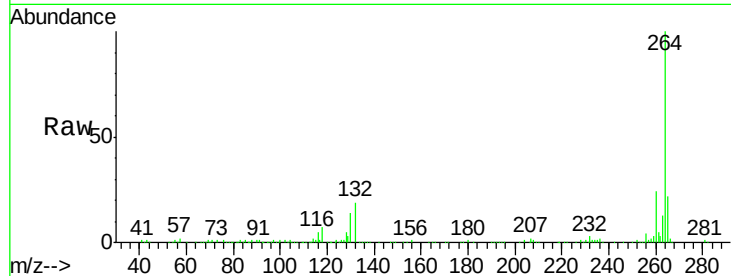


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

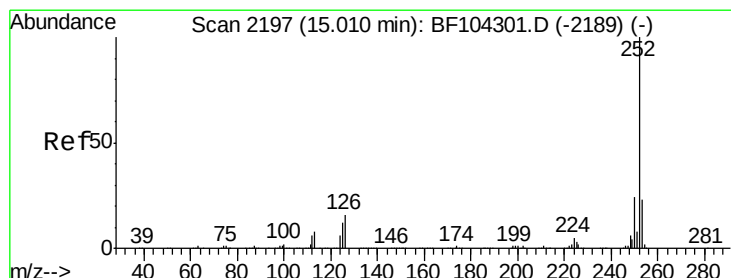
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	17.5	26.3

Manual Integrations
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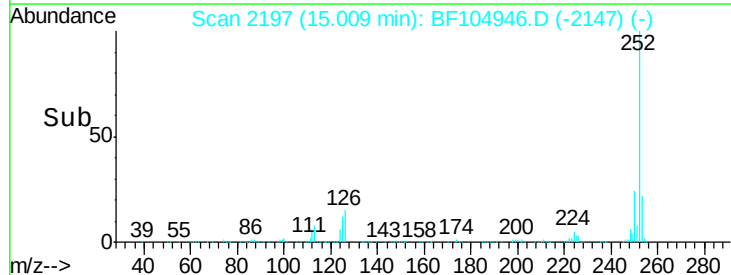
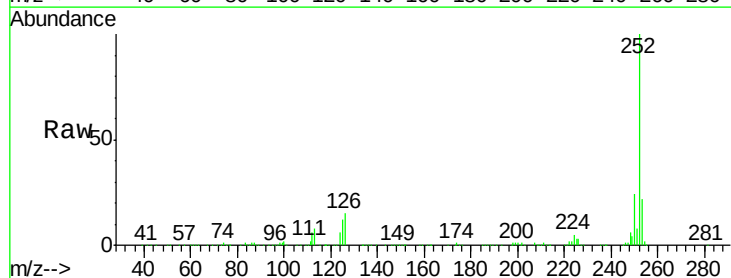
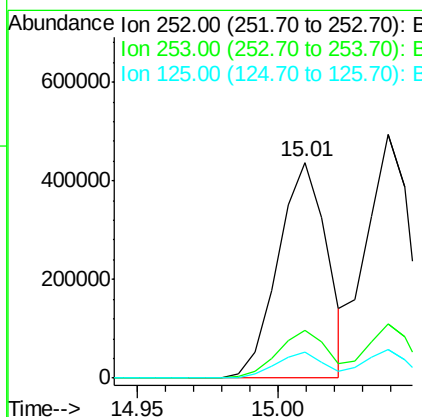
Sohil

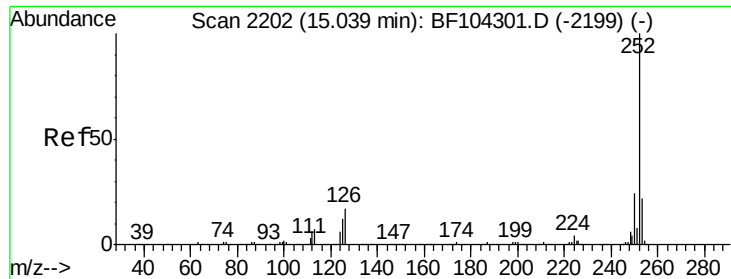
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#87
Benzo(b)fluoranthene
Concen: 38.835 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	11.8	9.0	13.6



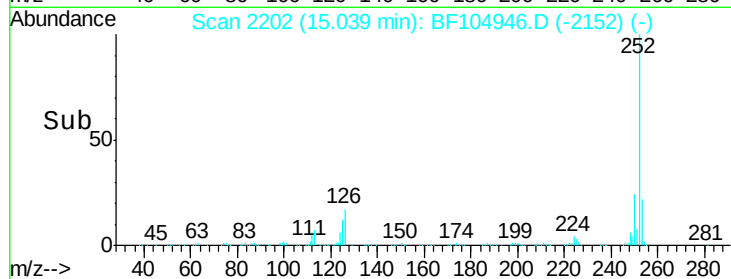
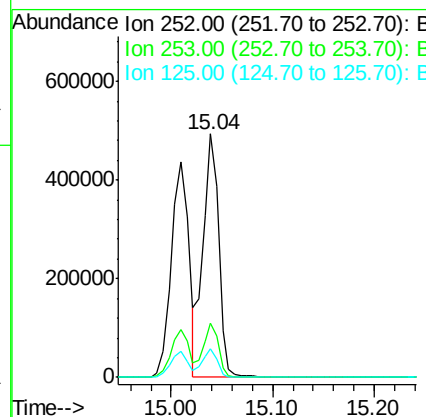
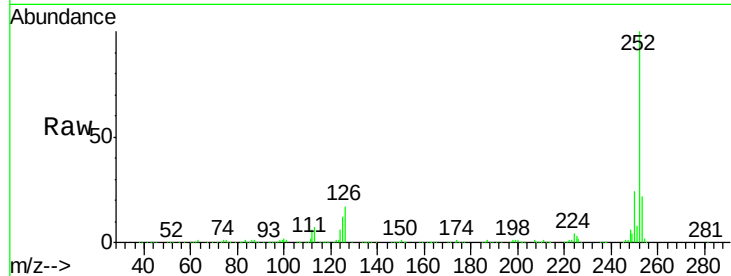


#88
Benzo(k)fluoranthene
Concen: 41.503 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

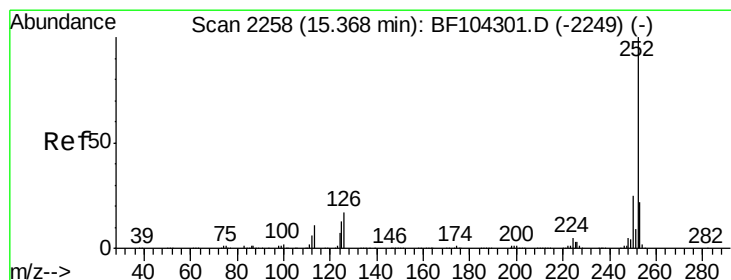
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.9	10.2	15.2

Manual Integrations
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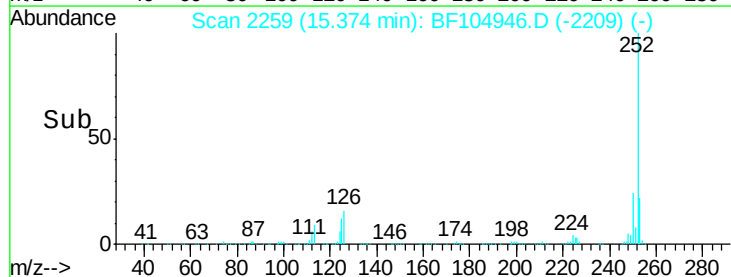
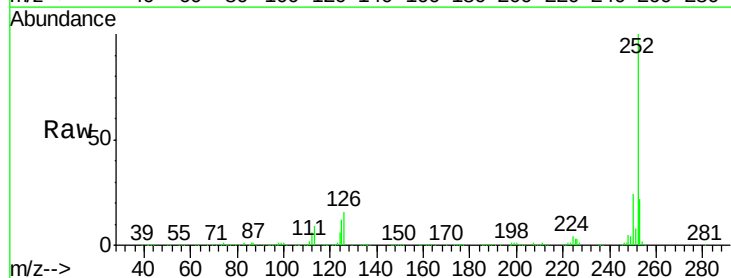
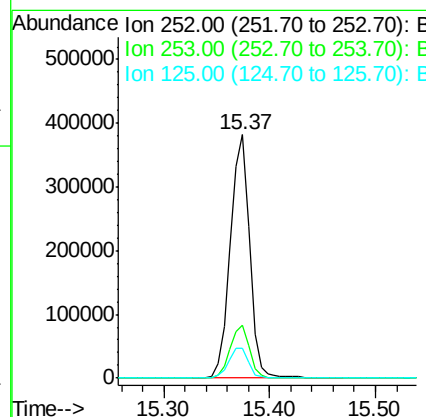
Sohil

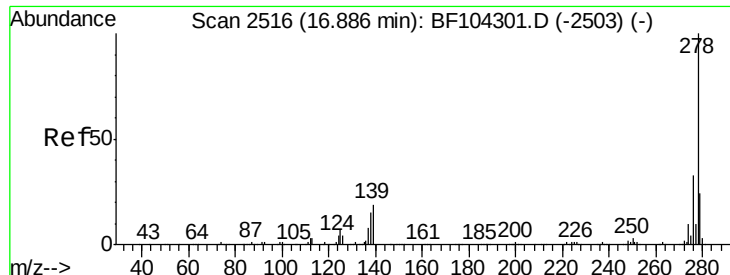
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#89
Benzo(a)pyrene
Concen: 39.980 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	12.4	9.8	14.6



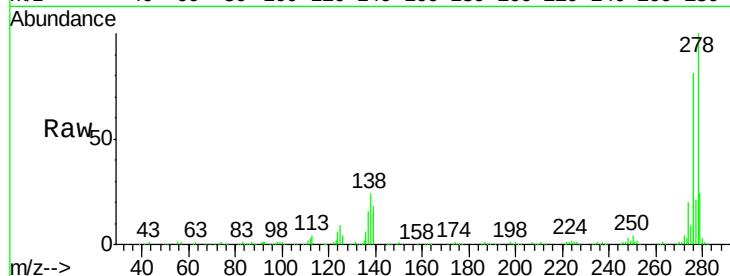


#90
Dibenzo(a,h)anthracene
Concen: 39.208 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

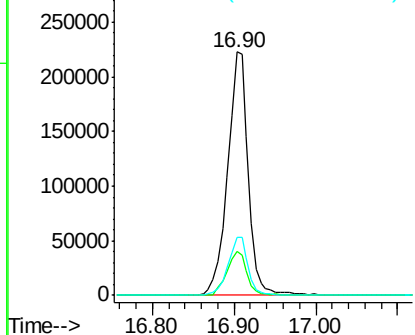
Instrument :
BNA_F
ClientSampleId :
KS-RO-133MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.9	23.9
279	24.1	19.0	28.4

Manual Integrations
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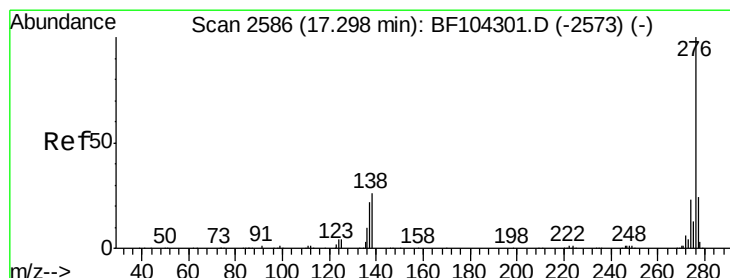
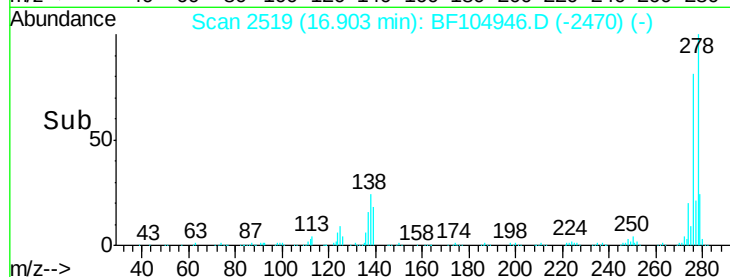


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



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#91
Benzo(g,h,i)perylene
Concen: 39.244 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.01 min
Lab File: BF104946.D
Acq: 30 Apr 2018 21:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	21.7	21.8	32.8#

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

