

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101029.D
 Acq On : 30 Nov 2017 20:38
 Operator : SJ/JU
 Sample : I6610-19MSD 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(0-2)-20171127MSD

Manual Integrations
 APPROVED

Quant Time: Dec 01 09:51:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54269	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	210329	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	88752	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	136713	20.00	ng	0.00
75) Chrysene-d12	14.04	240	104665	20.00	ng	0.02
86) Perylene-d12	15.52	264	101060	20.00	ng	0.02

Sohil

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	166644	50.74	ng	0.00
7) Phenol-d6	6.49	99	201642	50.57	ng	0.00
23) Nitrobenzene-d5	7.42	82	122408	34.72	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	44037	41.30	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	263321	40.59	ng	0.00
78) Terphenyl-d14	12.96	244	181666	37.96	ng	0.00

12/1/2017 11:12:57 AM

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	17855	13.148	ng	# 94
3) Pyridine	3.42	79	45192	12.837	ng	90
4) n-Nitrosodimethylamine	3.34	42	28088	16.335	ng	90
6) Aniline	6.52	93	36098	6.962	ng	# 90
8) 2-Chlorophenol	6.64	128	60674	16.944	ng	96
9) Benzaldehyde	6.40	77	29467	12.075	ng	97
10) Phenol	6.50	94	80002	18.044	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	56514	16.994	ng	99
12) 1,3-Dichlorobenzene	6.79	146	68205	16.358	ng	96
13) 1,4-Dichlorobenzene	6.87	146	68997	15.983	ng	96
14) 1,2-Dichlorobenzene	7.02	146	67755	16.827	ng	95
15) Benzyl Alcohol	6.99	79	51913	16.857	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.13	45	87412	19.337	ng	99
17) 2-Methylphenol	7.10	107	49771	17.213	ng	97
18) Hexachloroethane	7.36	117	20260	14.608	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	41206	15.345	ng	90
20) 3+4-Methylphenols	7.26	107	65320	17.322	ng	# 63
22) Acetophenone	7.26	105	81868	16.111	ng	# 92
24) Nitrobenzene	7.43	77	60744	17.578	ng	100
25) Isophorone	7.67	82	106904	17.751	ng	99
26) 2-Nitrophenol	7.75	139	31697	16.709	ng	93
27) 2,4-Dimethylphenol	7.79	122	52357	19.080	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	68029	16.806	ng	98
29) 2,4-Dichlorophenol	8.00	162	52316	17.515	ng	95
30) 1,2,4-Trichlorobenzene	8.07	180	56484	17.197	ng	98
31) Naphthalene	8.16	128	217801	21.011	ng	99
33) 4-Chloroaniline	8.21	127	30307	7.276	ng	98
34) Hexachlorobutadiene	8.27	225	32304	16.036	ng	98
35) Caprolactam	8.56	113	13882	14.913	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	49407	15.968	ng	95
37) 2-Methylnaphthalene	8.85	142	137717	19.552	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	54273	16.833	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	391m	6.164	ng	
42) 2,4,6-Trichlorophenol	9.13	196	35127	18.585	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101029.D
 Acq On : 30 Nov 2017 20:38
 Operator : SJ/JU
 Sample : I6610-19MSD 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

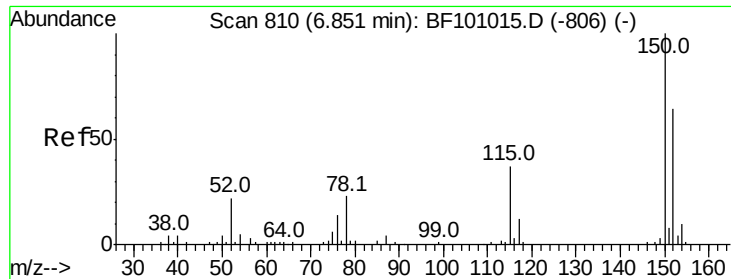
Instrument :
 BNA_F
 ClientSampleId :
 SB-12(0-2)-20171127MSD

Manual Integrations
 APPROVED

Quant Time: Dec 01 09:51:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	35357	17.498	nq	93
45) 1,1'-Biphenyl	9.31	154	145710	17.919	nq	96
46) 2-Chloronaphthalene	9.34	162	106638	18.466	nq	93
47) 2-Nitroaniline	9.43	65	28753	16.829	nq	94
48) Acenaphthylene	9.75	152	264226	27.842	nq	100
49) Dimethylphthalate	9.60	163	144781	20.227	nq	100
50) 2,6-Dinitrotoluene	9.67	165	24513	16.260	nq	91
51) Acenaphthene	9.93	154	163940	28.849	nq	97
52) 3-Nitroaniline	9.85	138	18216	10.745	nq	97
53) 2,4-Dinitrophenol	9.96	184	1683	6.867	nq	# 29
54) Dibenzofuran	10.10	168	187053	22.841	nq	97
55) 4-Nitrophenol	10.01	139	31118	27.216	nq	98
56) 2,4-Dinitrotoluene	10.08	165	30333	15.013	nq	# 95
57) Fluorene	10.44	166	197897	29.727	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.22	232	25932	16.029	nq	# 87
59) Diethylphthalate	10.30	149	116181	16.457	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	52691	16.030	nq	97
61) 4-Nitroaniline	10.46	138	21067	11.971	nq	87
62) Azobenzene	10.59	77	93909	15.674	nq	# 75
64) 4,6-Dinitro-2-methylphenol	10.50	198	2407	2.625	nq	90
65) n-Nitrosodiphenylamine	10.55	169	102639	21.281	nq	97
66) 4-Bromophenyl-phenylether	10.92	248	30442	19.893	nq	# 84
67) Hexachlorobenzene	10.99	284	27776	16.936	nq	# 88
68) Atrazine	11.07	200	26237	17.734	nq	95
69) Pentachlorophenol	11.19	266	24231	26.870	nq	97
70) Phenanthrene	11.42	178	1275976	169.481	nq	99
71) Anthracene	11.46	178	487542	63.984	nq	98
72) Carbazole	11.62	167	175516	25.211	nq	98
73) Di-n-butylphthalate	11.93	149	152212	17.443	nq	98
74) Fluoranthene	12.62	202	2065086	247.450	nq	96
77) Pyrene	12.85	202	1920379	265.899	nq	99
79) Butylbenzylphthalate	13.44	149	71391	22.420	nq	# 90
80) Benzo(a)anthracene	14.03	228	1298130	196.437	nq	98
81) 3,3'-Dichlorobenzidine	13.99	252	24813	10.842	nq	# 98
82) Chrysene	14.07	228	1064228	173.403	nq	97
83) Bis(2-ethylhexyl)phthalate	14.00	149	85960	18.933	nq	99
84) Di-n-octyl phthalate	14.61	149	149396	19.763	nq	# 97
85) Indeno(1,2,3-cd)pyrene	17.02	276	483383	88.591	nq	# 89
87) Benzo(b)fluoranthene	15.10	252	1352037m	223.358	nq	
88) Benzo(k)fluoranthene	15.13	252	422119m	70.780	nq	
89) Benzo(a)pyrene	15.47	252	893680	162.394	nq	96
90) Dibenzo(a,h)anthracene	17.03	278	162924	33.582	nq	94
91) Benzo(g,h,i)perylene	17.48	276	428215	93.657	nq	# 93

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



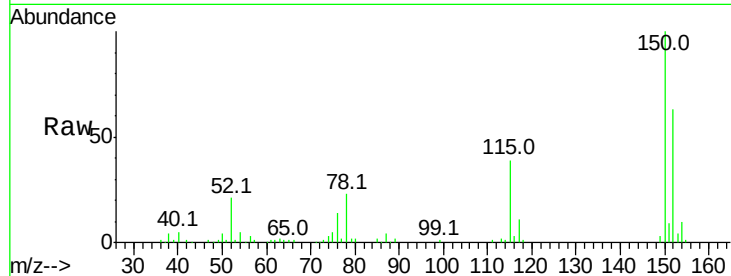
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

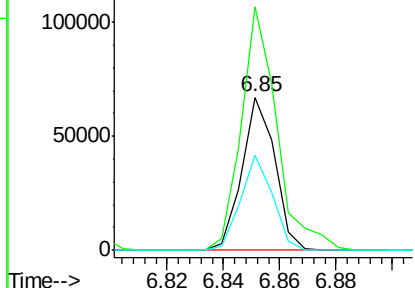
Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	61.8	50.1	75.1

Manual Integrations
APPROVED

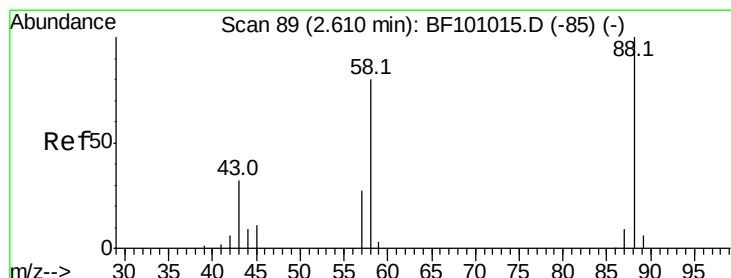
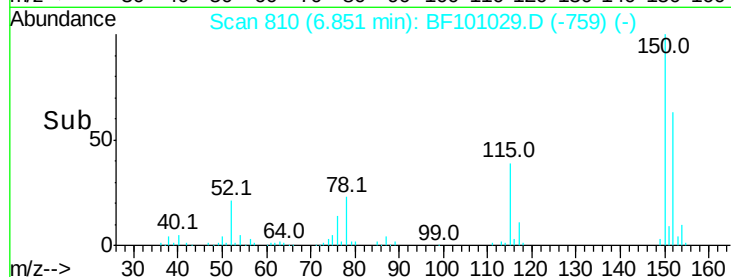


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



Sohil

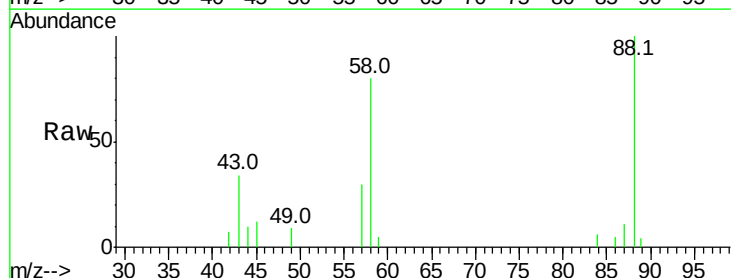
12/1/2017 11:12:57 AM



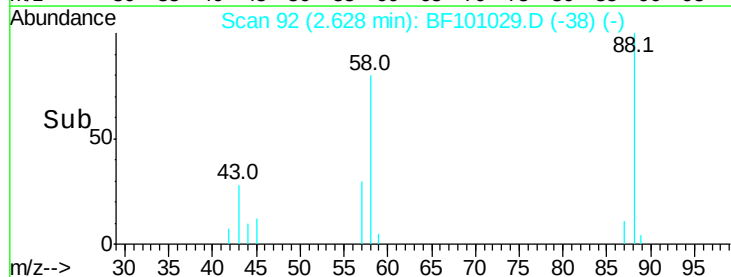
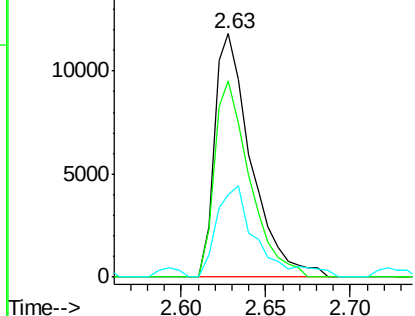
#2

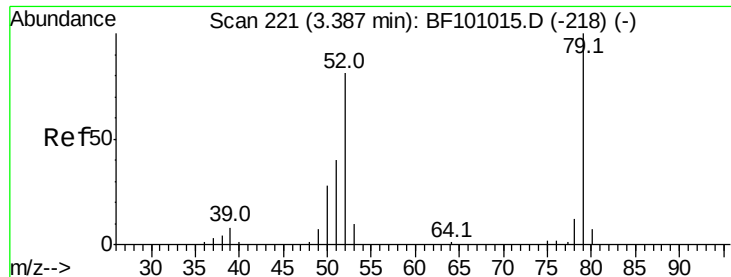
1,4-Dioxane
Concen: 13.148 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.02 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.7	62.6	93.8
43	40.7	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



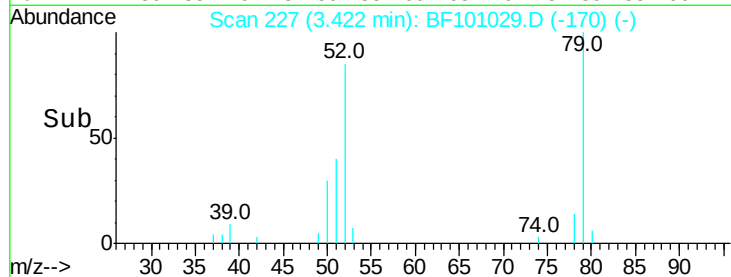
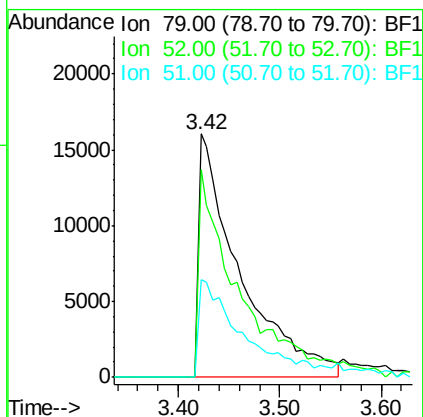
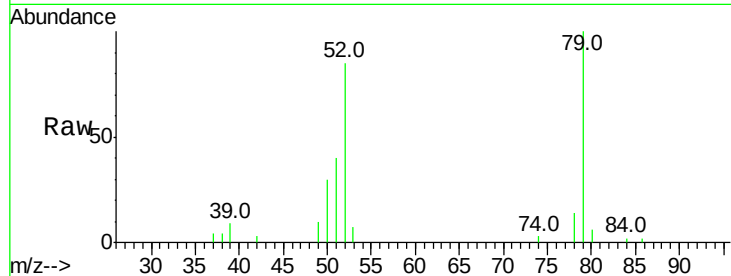


#3
 Pvridine
 Concen: 12.837 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.04 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(0-2)-20171127MSD

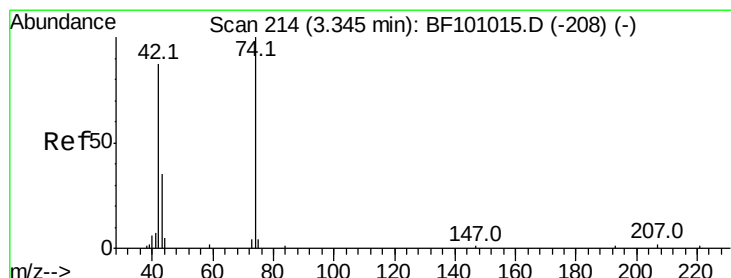
Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	85.3	59.8	89.6	
51	40.2	29.8	44.8	

Manual Integrations
 APPROVED



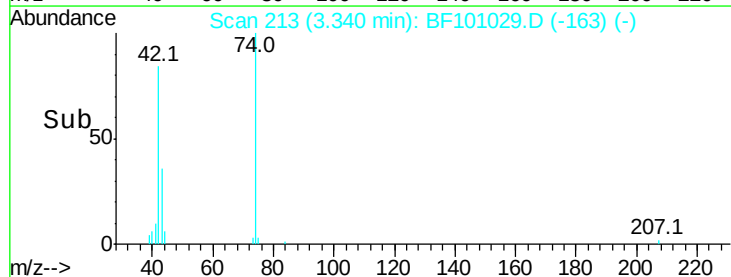
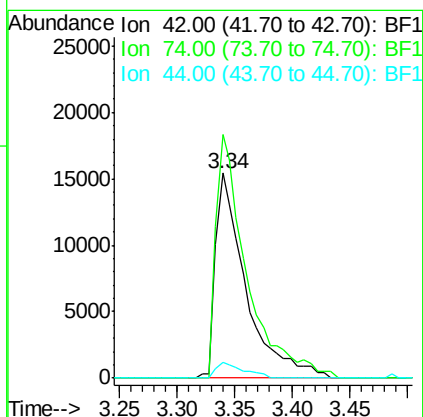
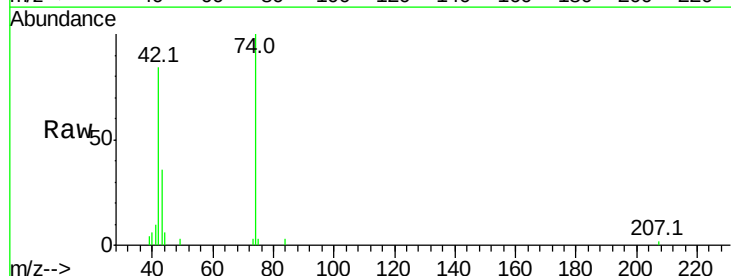
Sohil

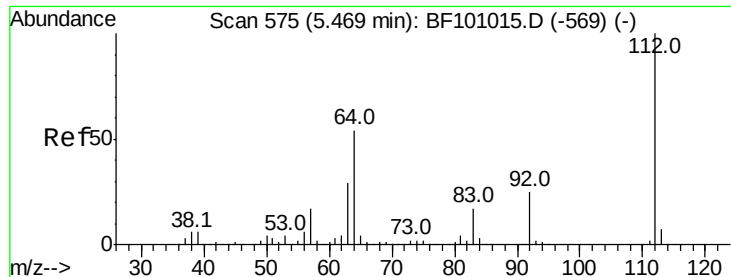
12/1/2017 11:12:57 AM



#4
 n-Nitrosodimethylamine
 Concen: 16.335 ng
 RT: 3.34 min Scan# 213
 Delta R.T. -0.01 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	118.7	104.9	157.3	
44	7.7	6.9	10.3	



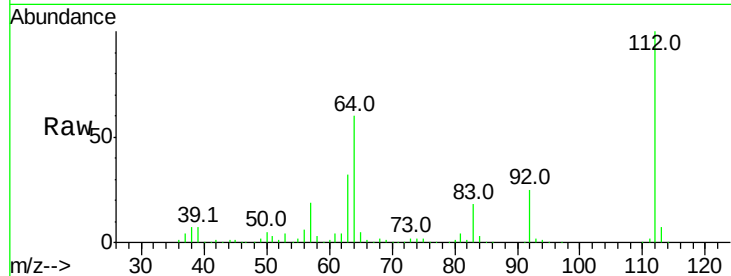


#5
2-Fluorophenol
Concen: 50.742 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

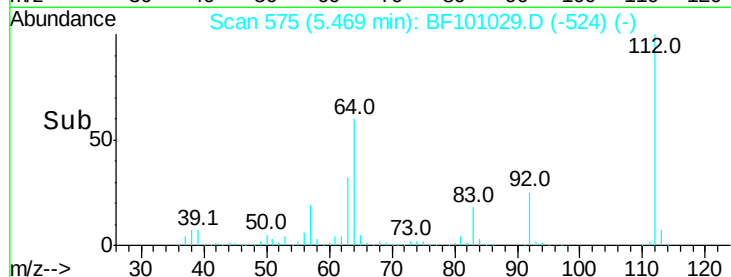
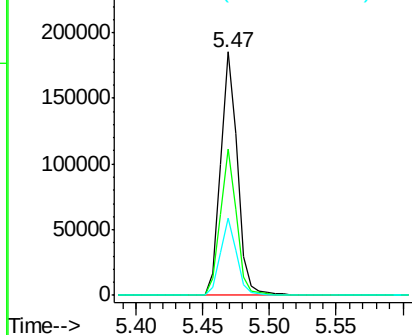
Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

Tot Ion	112	Resp	166644
Ion Ratio	Lower	Upper	
112	100		
64	59.9	47.9	71.9
63	31.9	23.7	35.5

Manual Integrations
APPROVED

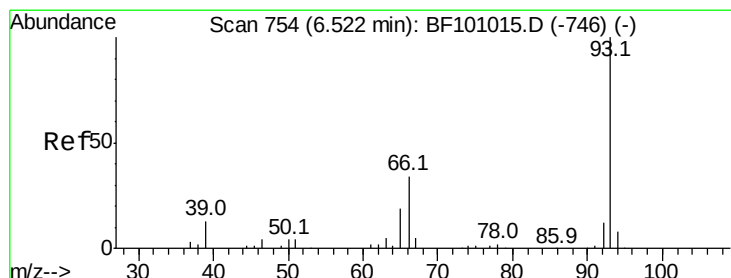


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



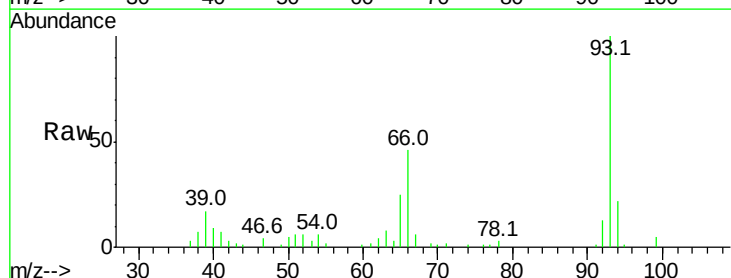
Sohil

12/1/2017 11:12:57 AM

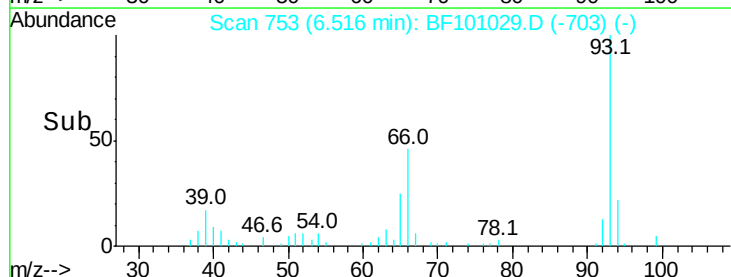
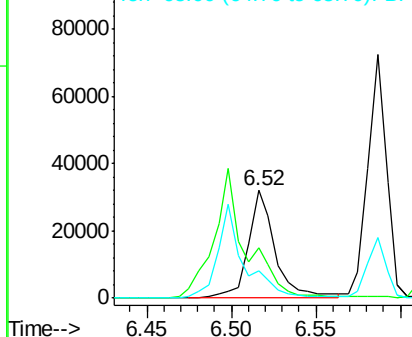


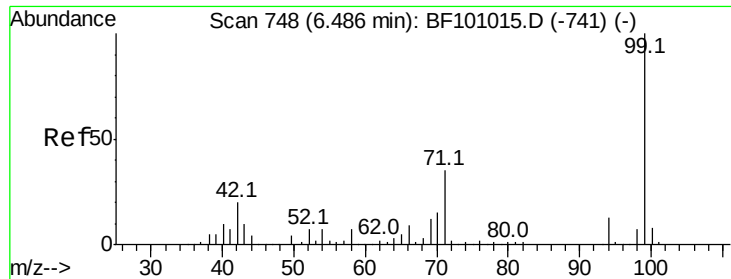
#6
Aniline
Concen: 6.962 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	93	Resp	36098
Ion Ratio	Lower	Upper	
93	100		
66	46.4	32.2	48.2
65	25.0	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 50.571 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

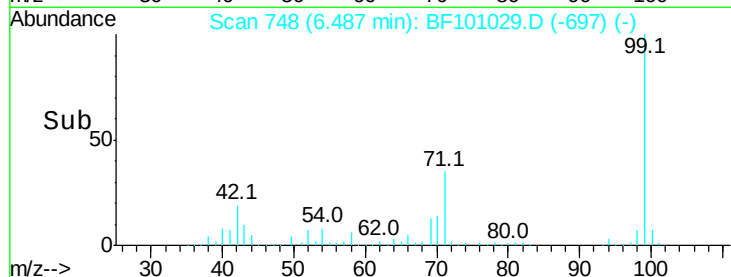
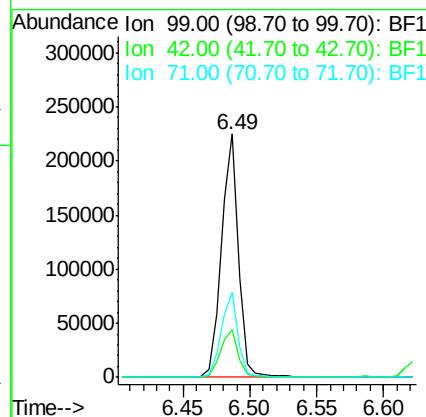
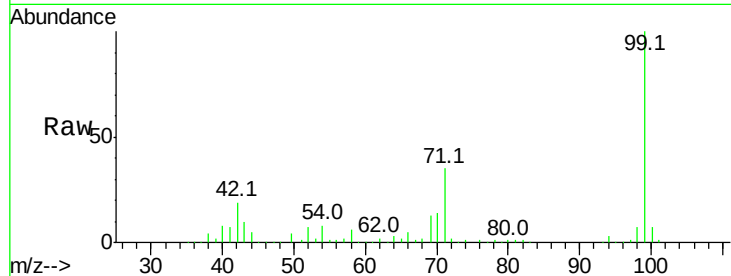
BNA_F

ClientSampleId :

SB-12(0-2)-20171127MSD

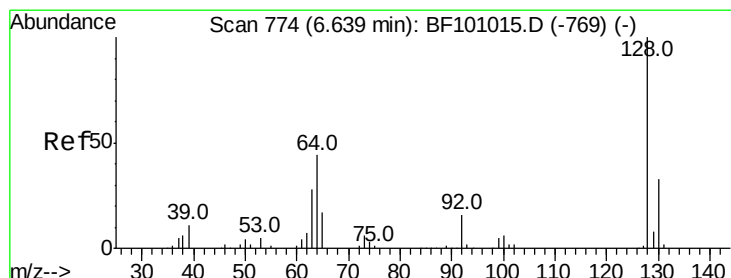
Tot Ion:	99	Resp:	201642
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.5	21.7
71	34.8	25.4	38.0

Manual Integrations
APPROVED



Sohil

12/1/2017 11:12:57 AM



#8

2-Chlorophenol

Concen: 16.944 ng

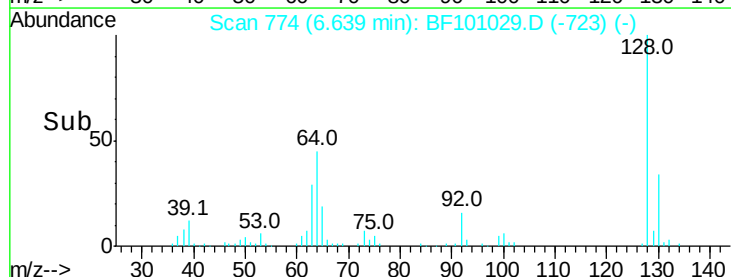
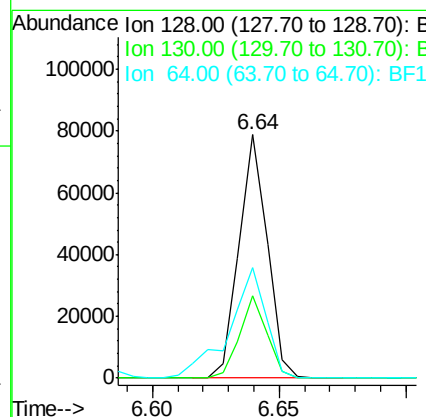
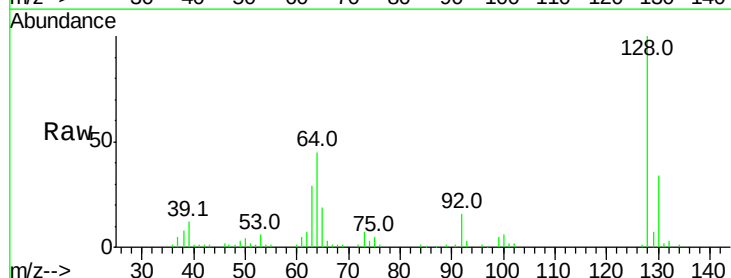
RT: 6.64 min Scan# 774

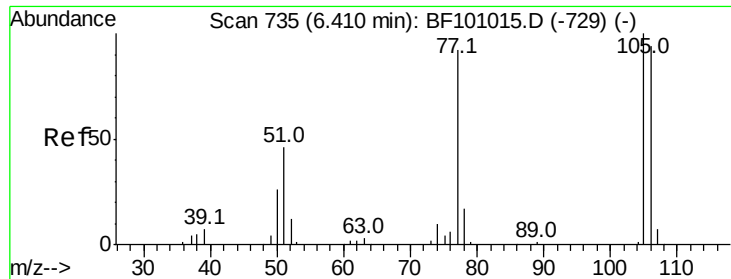
Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Tgt Ion:	128	Resp:	60674
Ion Ratio	Lower	Upper	
128	100		
130	33.6	13.0	53.0
64	45.4	29.4	69.4





#9

Benzaldehyde

Concen: 12.075 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

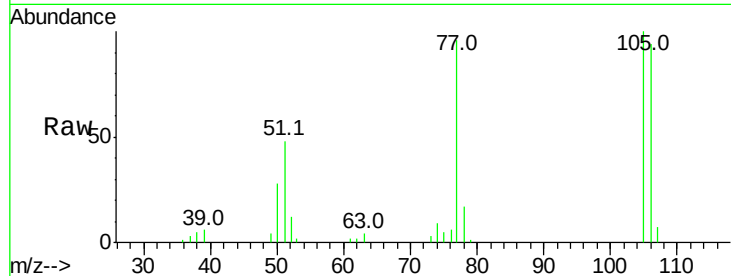
BNA_F

ClientSampleId :

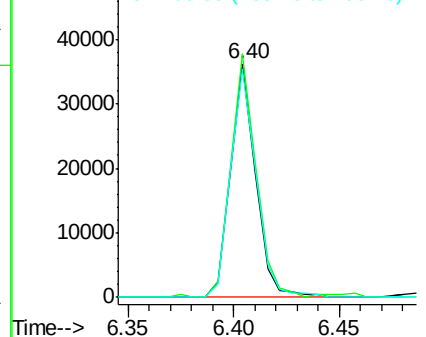
SB-12(0-2)-20171127MSD

Tot Ion:	77	Resp:	29467
Ion	Ratio	Lower	Upper
77	100		
105	104.3	81.1	121.1
106	97.6	74.5	114.5

Manual Integrations
APPROVED

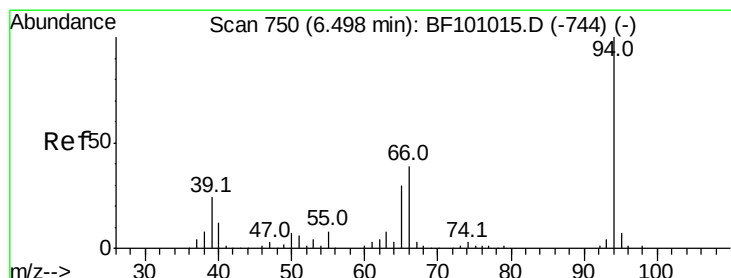
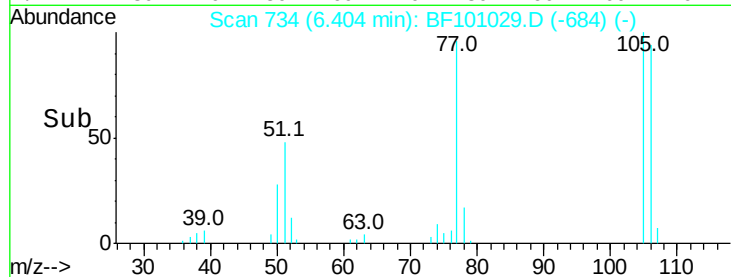


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



Sohil

12/1/2017 11:12:57 AM



#10

Phenol

Concen: 18.044 ng

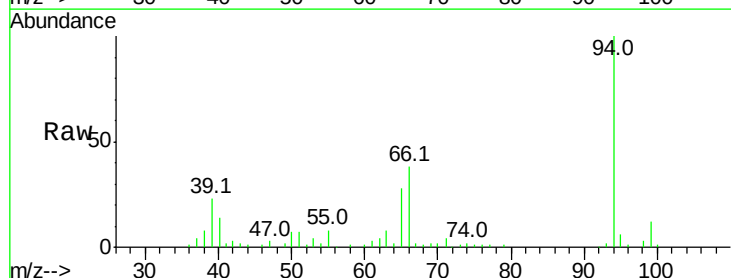
RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

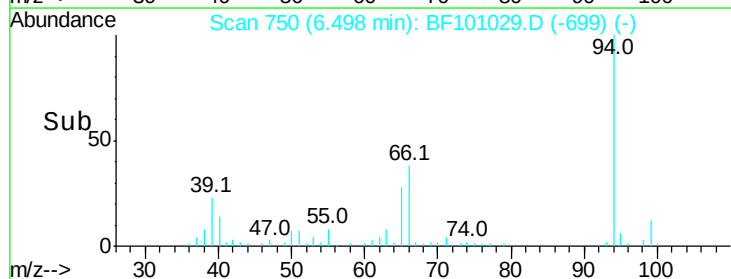
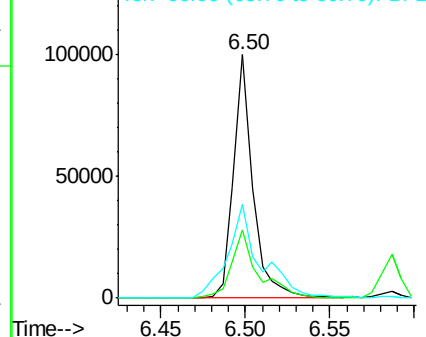
Lab File: BF101029.D

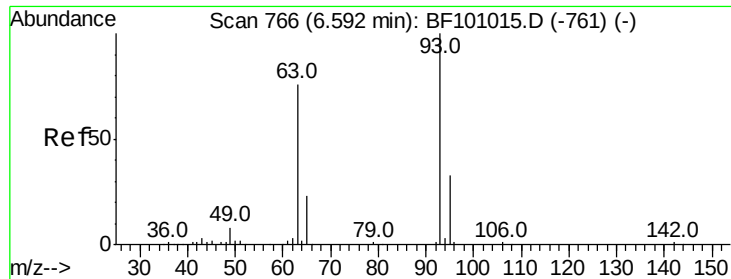
Acq: 30 Nov 2017 20:38

Tgt Ion:	94	Resp:	80002
Ion	Ratio	Lower	Upper
94	100		
65	27.9	7.9	47.9
66	38.4	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



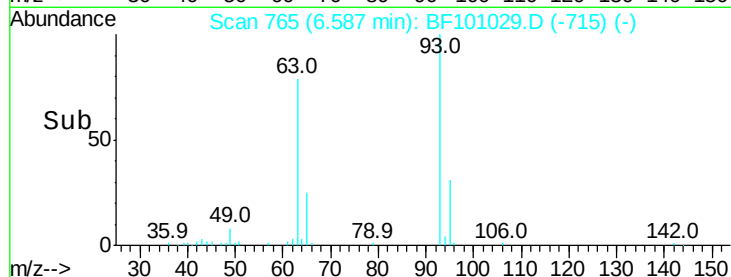
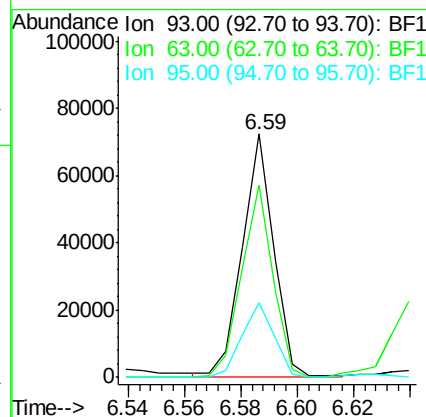
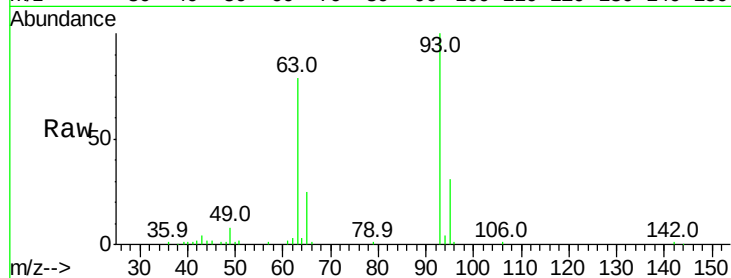


#11
bis(2-Chloroethyl)ether
Concen: 16.994 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

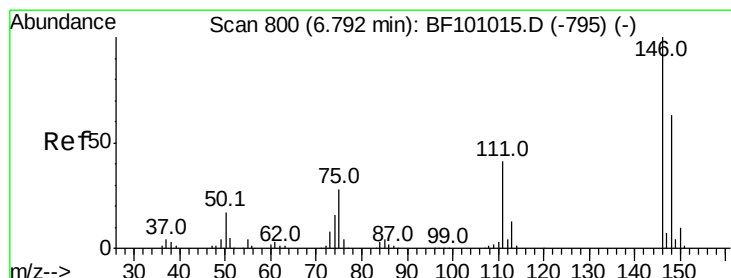
Tot Ion:	93	Resp:	56514
Ion	Ratio	Lower	Upper
93	100		
63	78.8	58.6	98.6
95	30.8	11.8	51.8

Manual Integrations
APPROVED



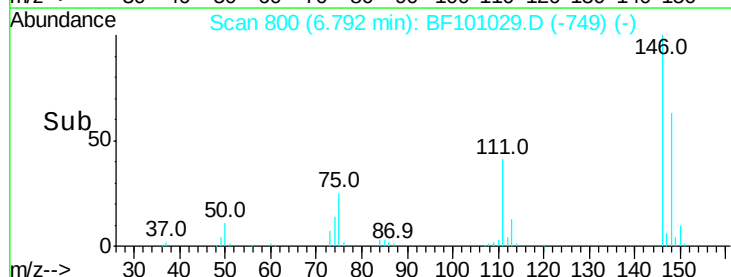
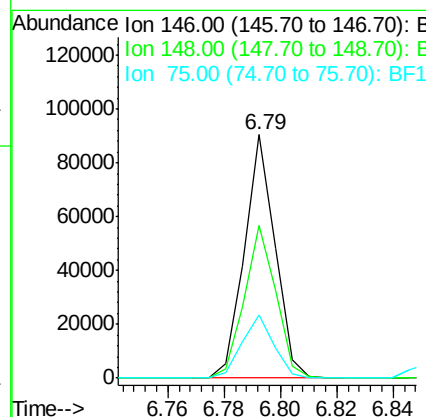
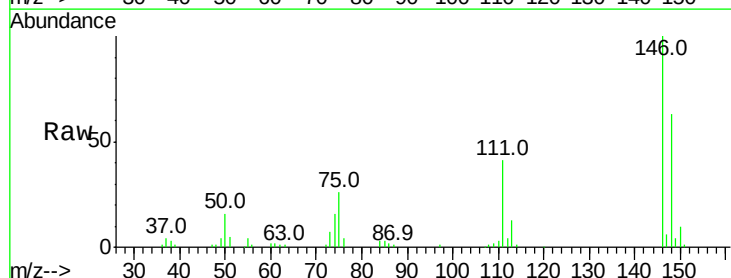
Sohil

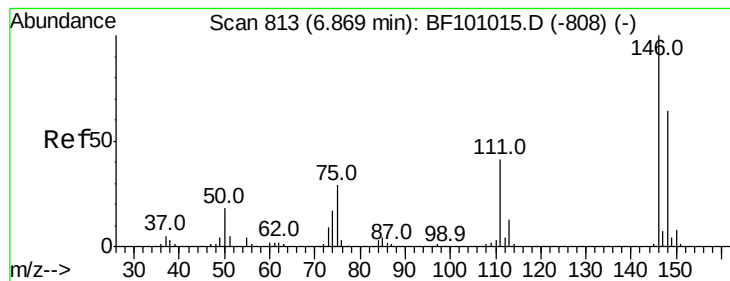
12/1/2017 11:12:57 AM



#12
1,3-Dichlorobenzene
Concen: 16.358 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion:	146	Resp:	68205
Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.8	77.8
75	25.9	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 15.983 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

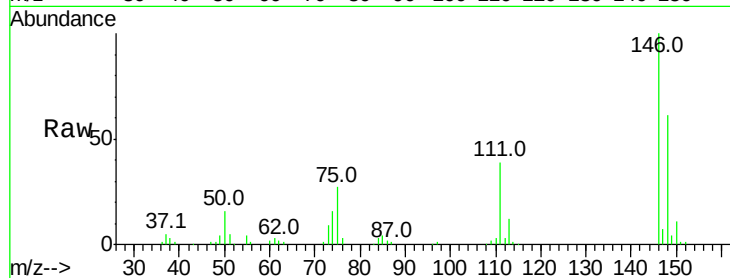
BNA_F

ClientSampleId :

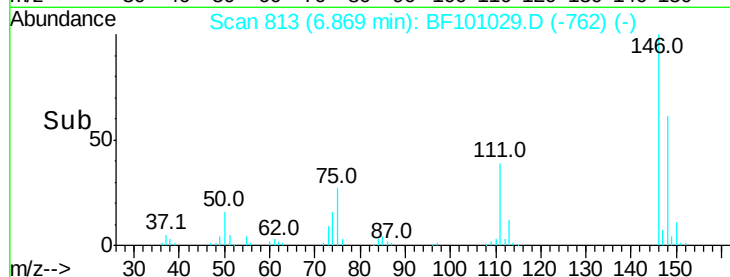
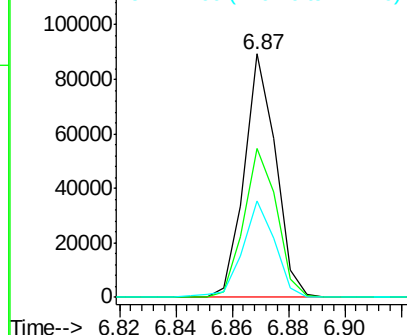
SB-12(0-2)-20171127MSD

Tot Ion:	146	Resp:	68997
Ion Ratio	Lower	Upper	
146	100		
148	61.3	50.8	76.2
111	39.5	34.2	51.2

Manual Integrations
APPROVED

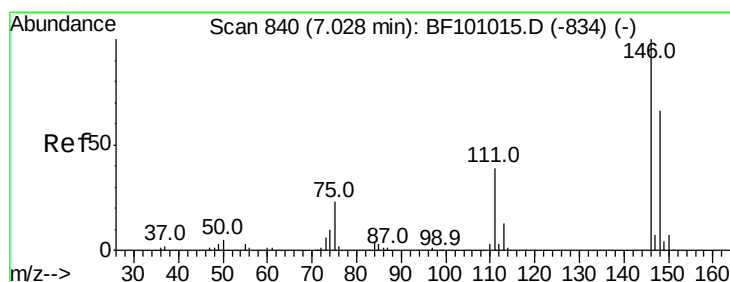


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



Sohil

12/1/2017 11:12:57 AM



#14

1,2-Dichlorobenzene

Concen: 16.827 ng

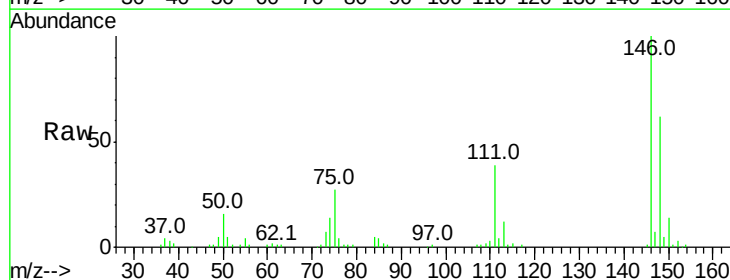
RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

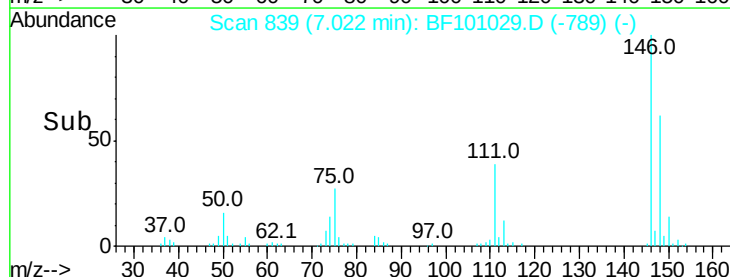
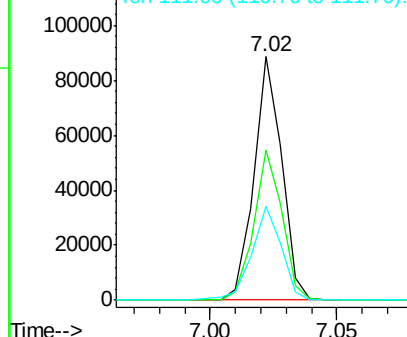
Lab File: BF101029.D

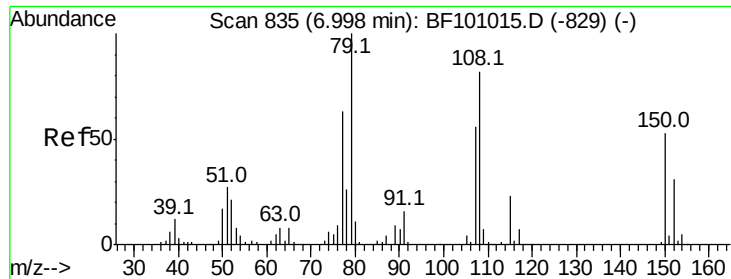
Acq: 30 Nov 2017 20:38

Tgt Ion:	146	Resp:	67755
Ion Ratio	Lower	Upper	
146	100		
148	61.6	50.6	75.8
111	38.8	36.0	54.0



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



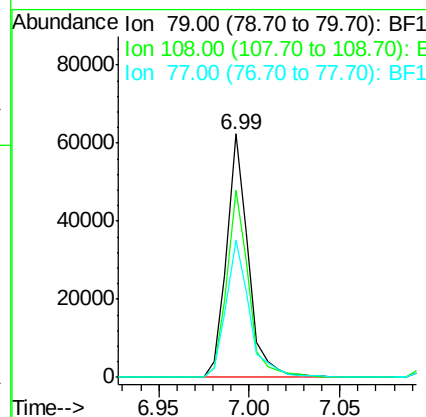
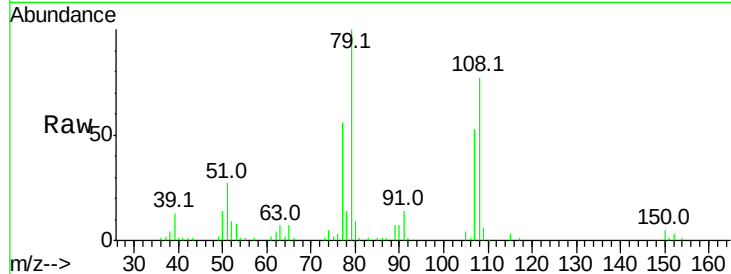


#15
Benzyl Alcohol
Concen: 16.857 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

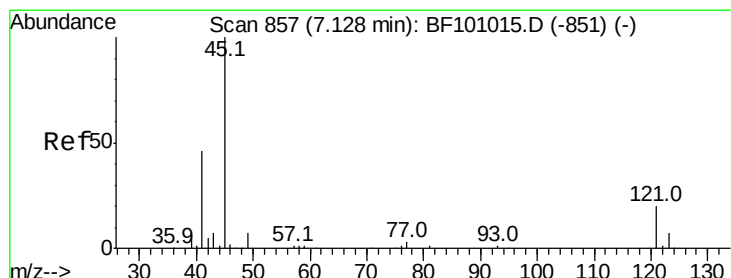
Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	65.1	97.7
77	56.4	50.6	75.8

Manual Integrations
APPROVED



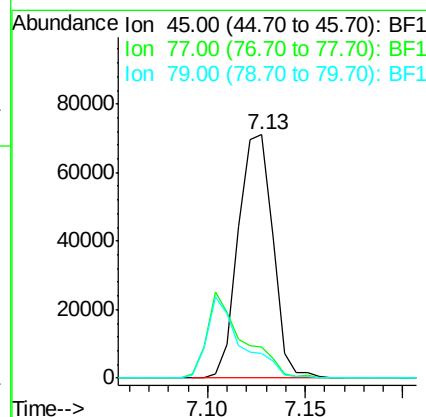
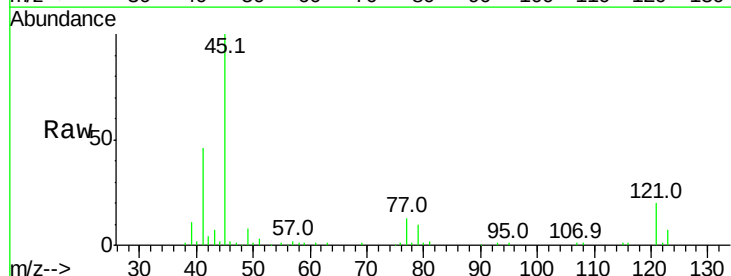
Sohil

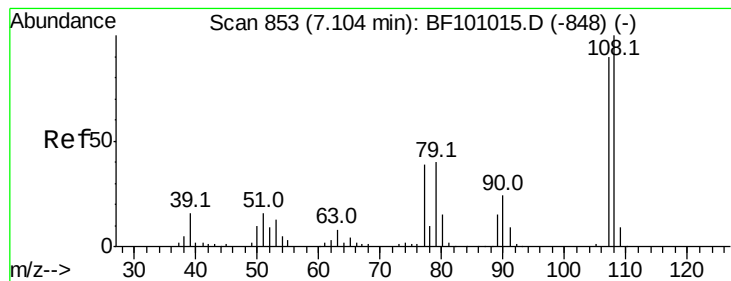
12/1/2017 11:12:57 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 19.337 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	32.9
79	10.0	0.0	29.6



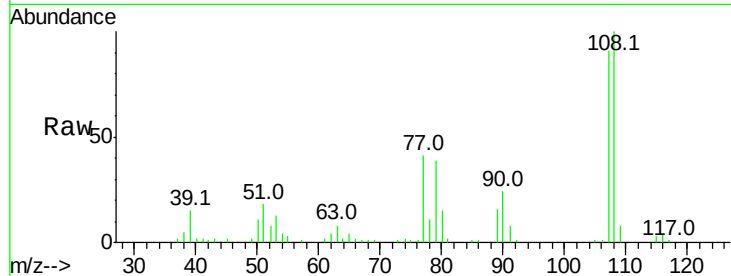


#17
2-Methylphenol
Concen: 17.213 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

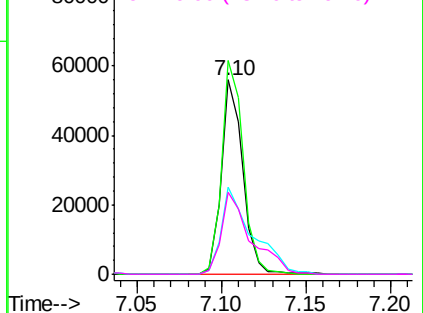
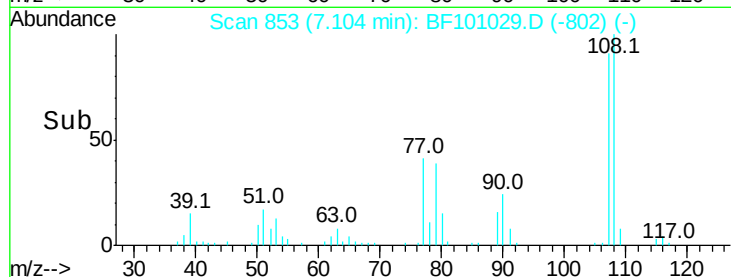
Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

Tot Ion:	107	Resp:	49771
Ion	Ratio	Lower	Upper
107	100		
108	109.9	91.7	137.5
77	44.6	33.8	50.8
79	42.3	33.8	50.8

Manual Integrations
APPROVED

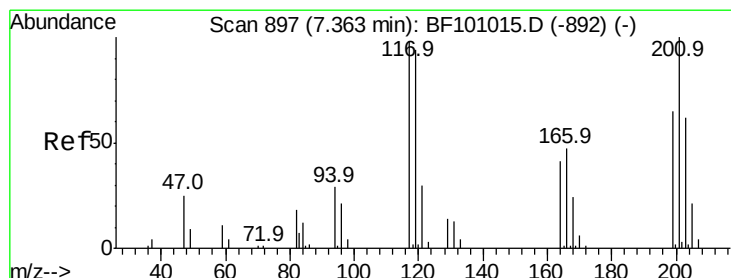


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



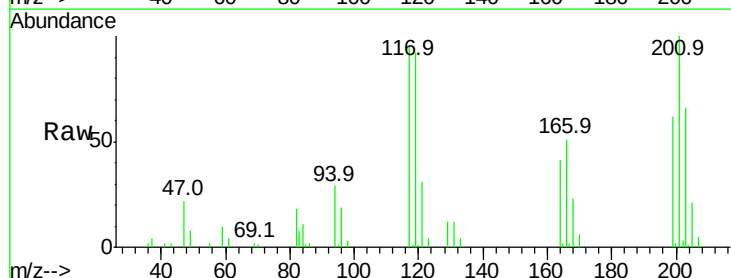
Sohil

12/1/2017 11:12:57 AM

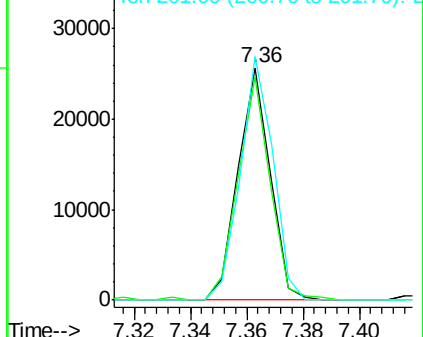
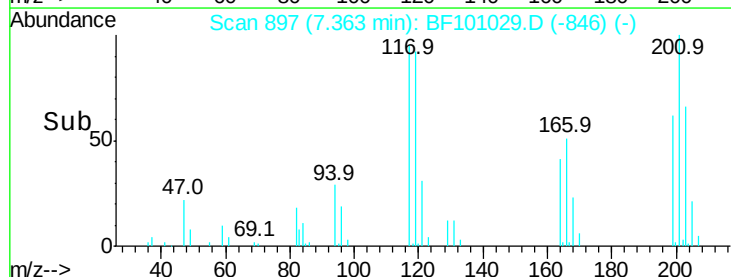


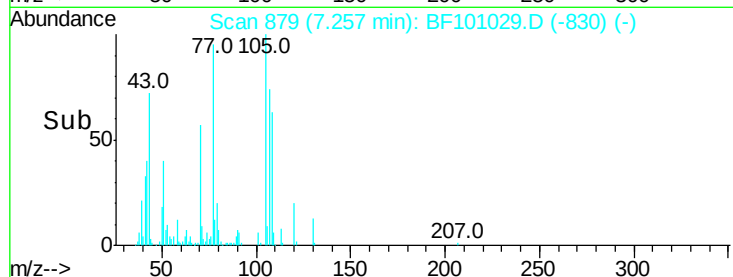
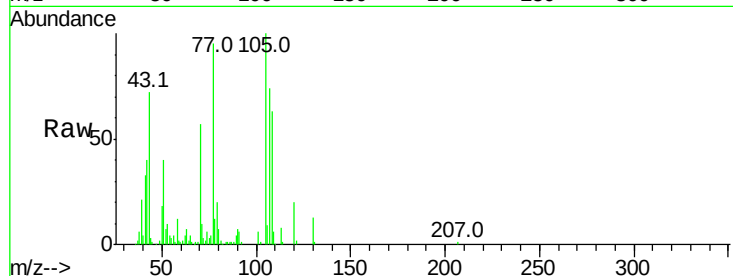
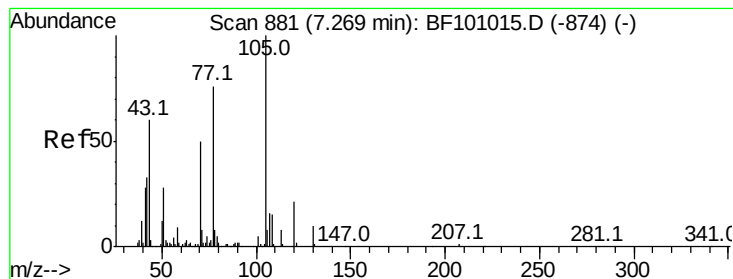
#18
Hexachloroethane
Concen: 14.608 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion:	117	Resp:	20260
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	104.8	75.7	113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 15.345 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SB-12(0-2)-20171127MSD

Tot Ion: 70 Resp: 41206

Ion Ratio Lower Upper

70 100

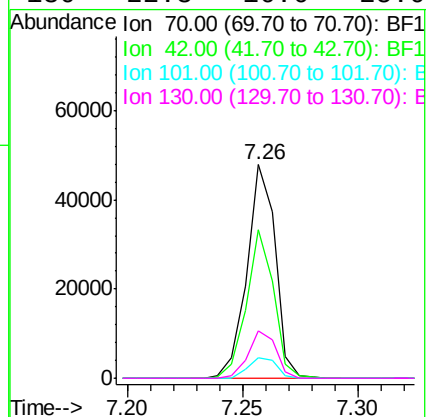
42 69.7 47.5 71.3

101 9.7 7.4 11.2

130 22.3 16.6 25.0

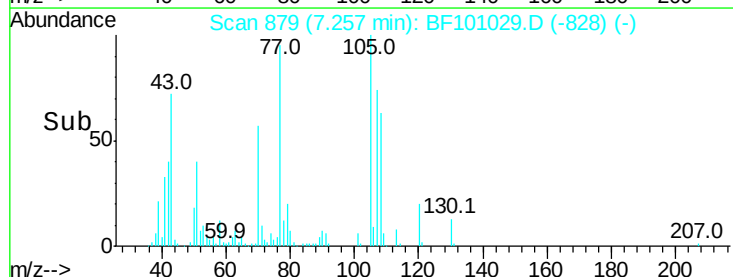
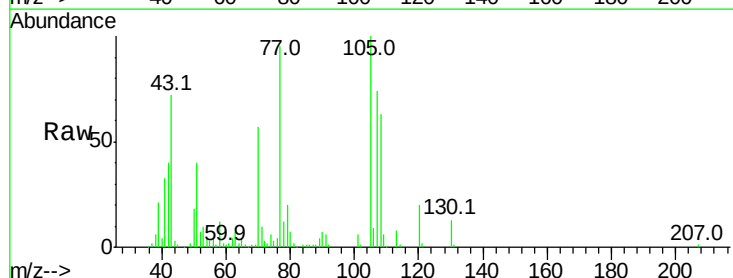
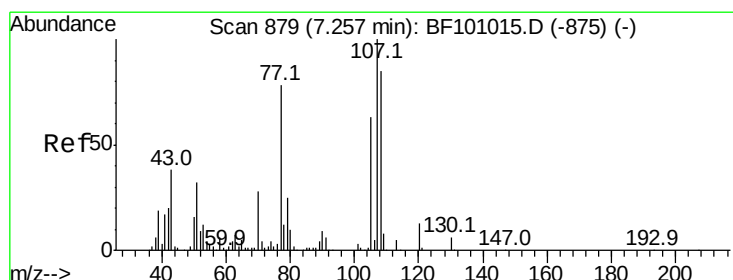
Manual Integrations

APPROVED



Sohil

12/1/2017 11:12:57 AM



#20

3+4-Methylphenols

Concen: 17.322 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Tgt Ion: 107 Resp: 65320

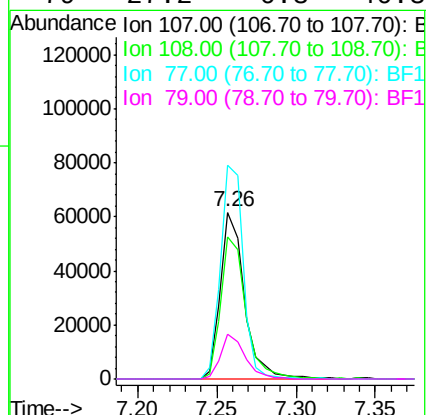
Ion Ratio Lower Upper

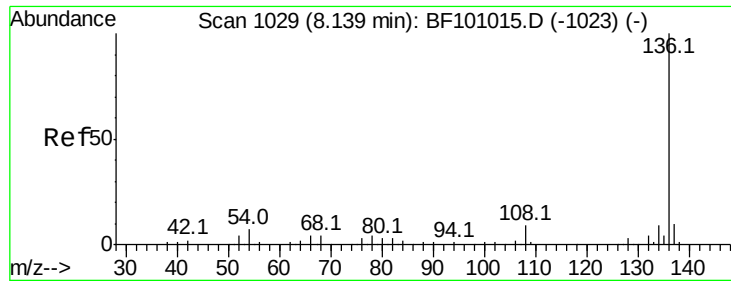
107 100

108 85.5 68.2 108.2

77 128.2 26.7 66.7#

79 27.2 6.3 46.3



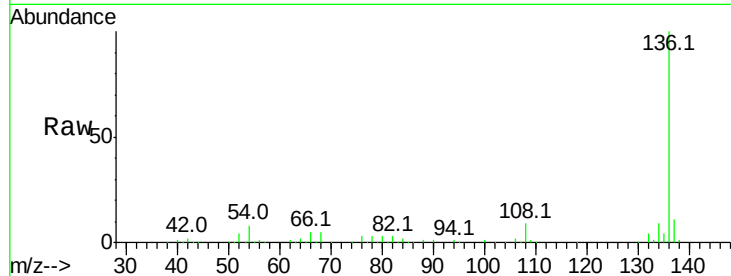


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

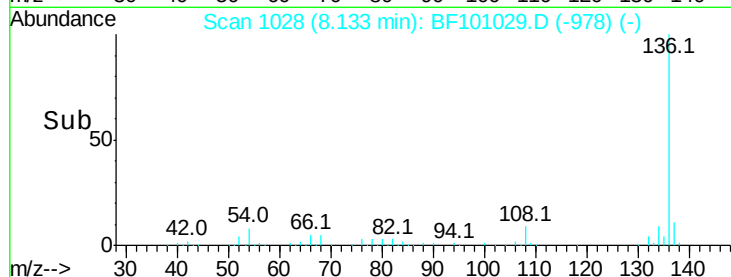
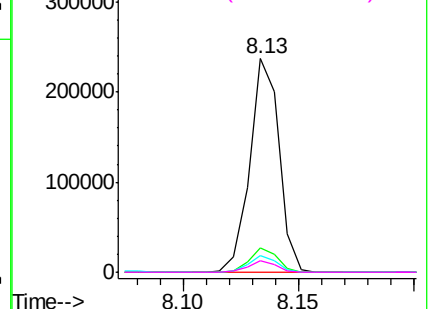
Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.7	6.6	9.8	
68	5.3	5.0	7.4	

Manual Integrations
APPROVED

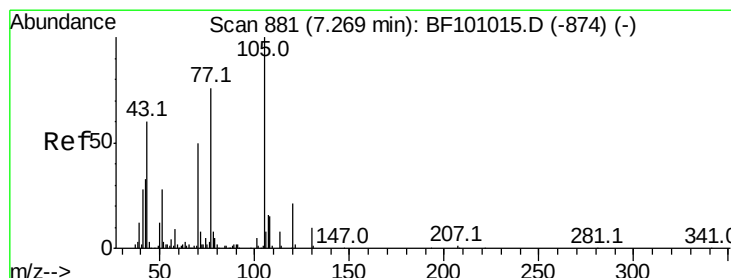


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Sohil

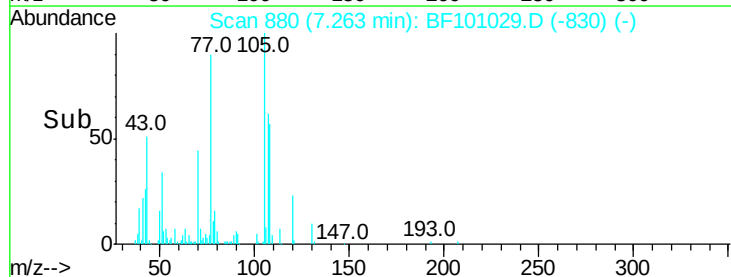
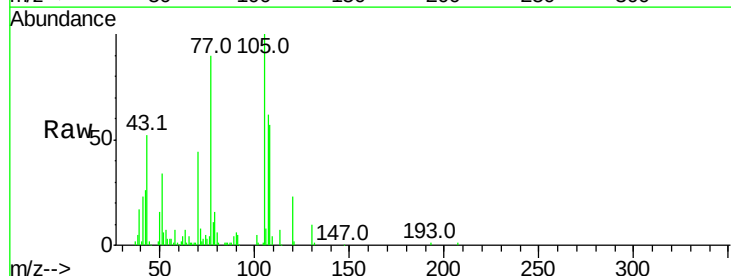
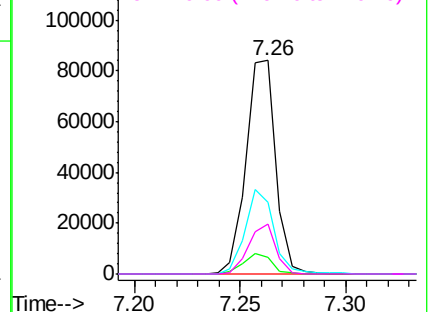
12/1/2017 11:12:57 AM

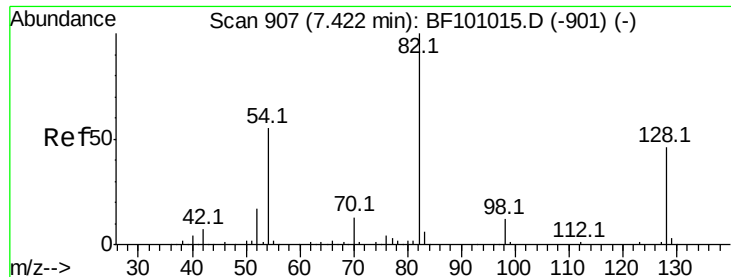


#22
Acetophenone
Concen: 16.111 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.7	4.4	6.6#	
51	33.6	22.3	33.5#	
120	23.1	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



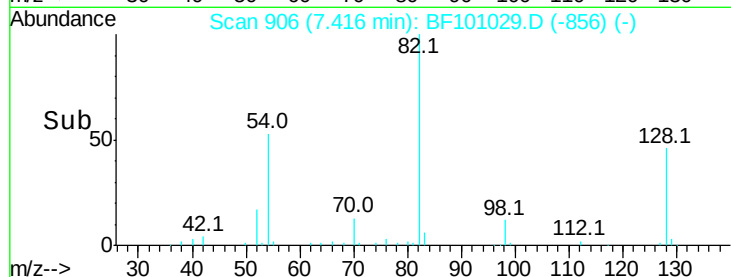
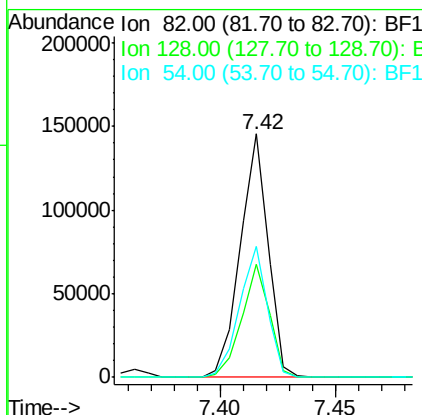
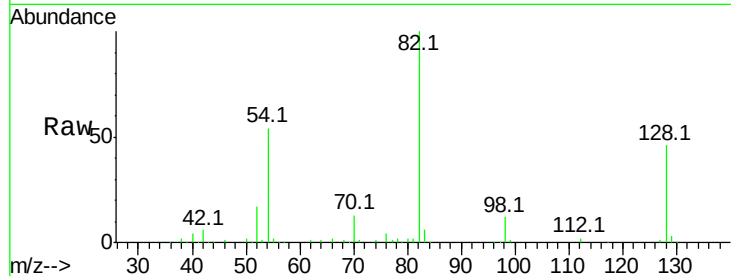


#23
Nitrobenzene-d5
Concen: 34.717 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

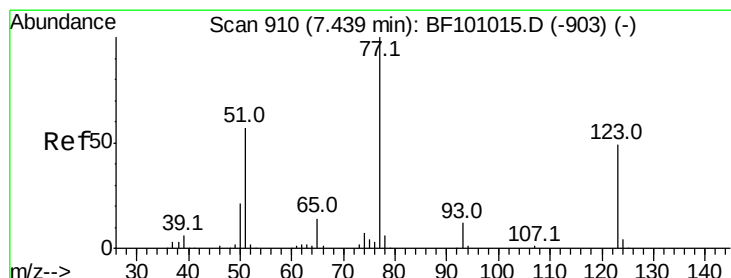
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.2	36.1	54.1	
54	53.7	41.4	62.2	

Manual Integrations
APPROVED



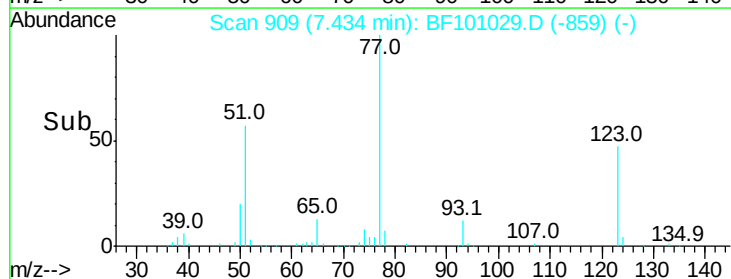
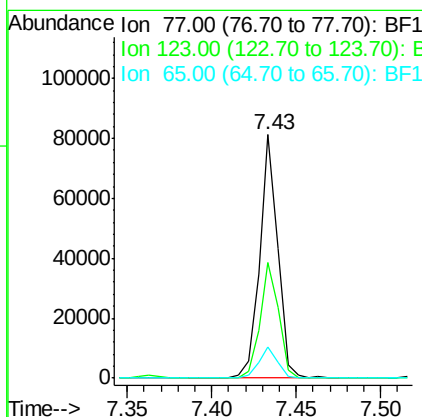
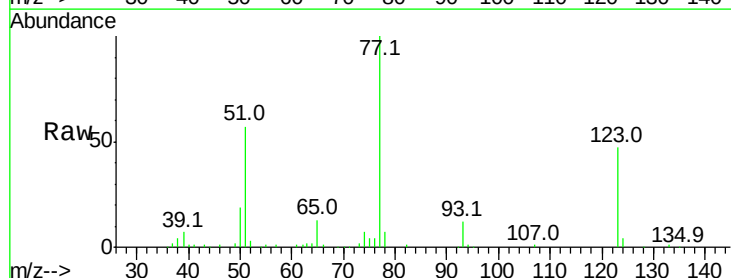
Sohil

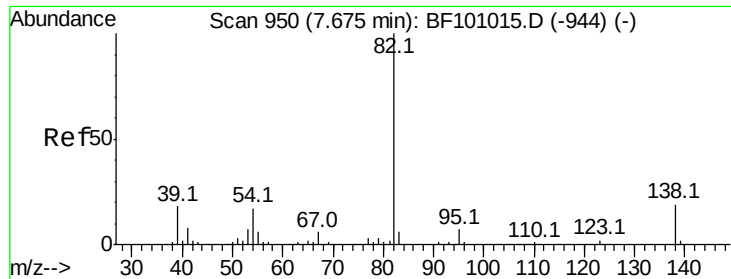
12/1/2017 11:12:57 AM



#24
Nitrobenzene
Concen: 17.578 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.3	37.9	56.9	
65	13.0	11.0	16.4	





#25

Isophorone

Concen: 17.751 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

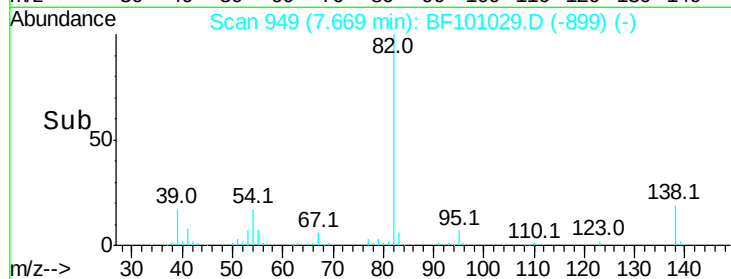
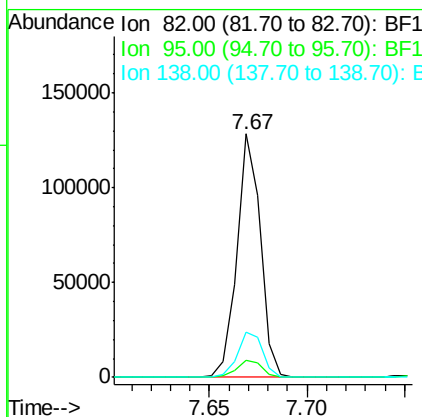
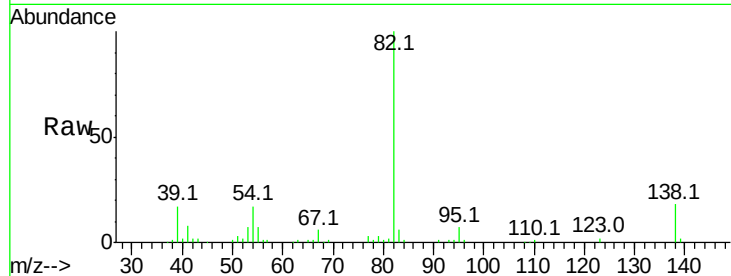
BNA_F

ClientSampleId :

SB-12(0-2)-20171127MSD

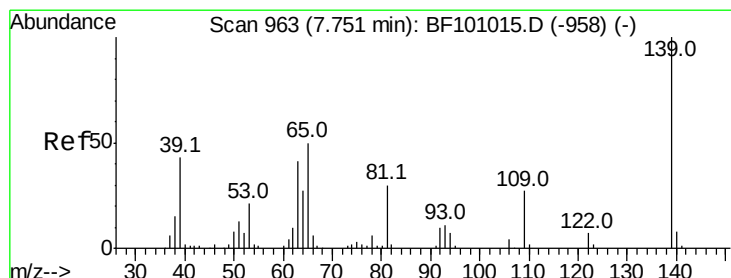
Tot Ion:	82	Resp:	106904
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.2	7.8
138	18.5	14.9	22.3

Manual Integrations
APPROVED



Sohil

12/1/2017 11:12:57 AM



#26

2-Nitrophenol

Concen: 16.709 ng

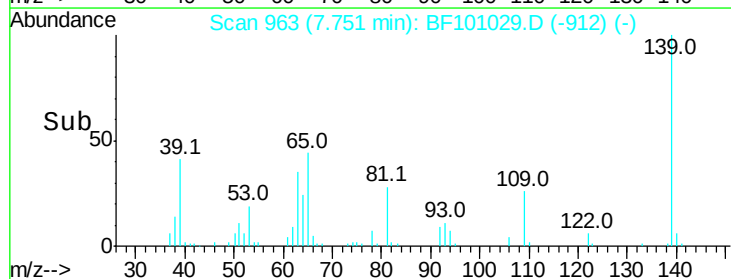
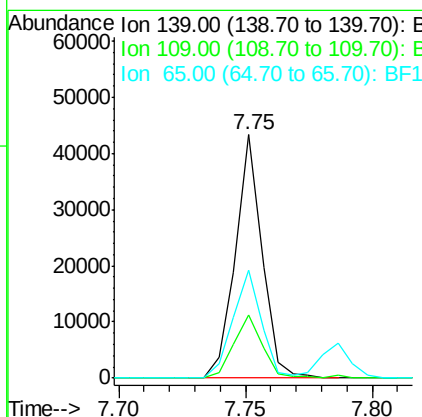
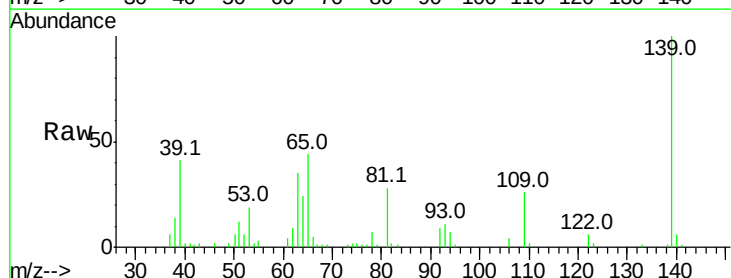
RT: 7.75 min Scan# 963

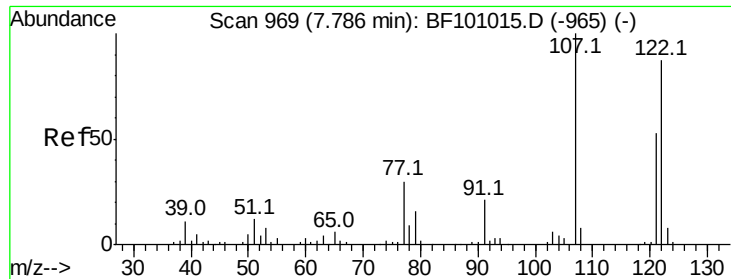
Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Tgt Ion:	139	Resp:	31697
Ion Ratio		Lower	Upper
139	100		
109	26.0	22.7	34.1
65	44.3	40.5	60.7



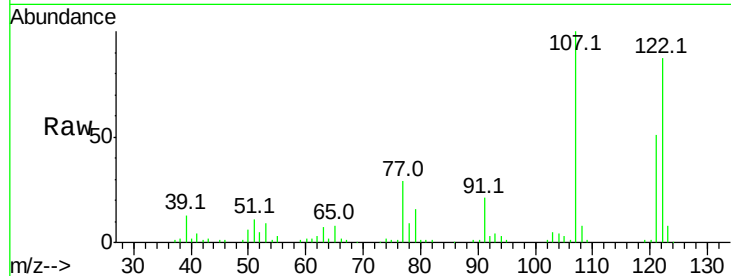


#27
 2,4-Dimethylphenol
 Concen: 19.080 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(0-2)-20171127MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.5	91.2	136.8
121	58.3	47.2	70.8

Manual Integrations
 APPROVED

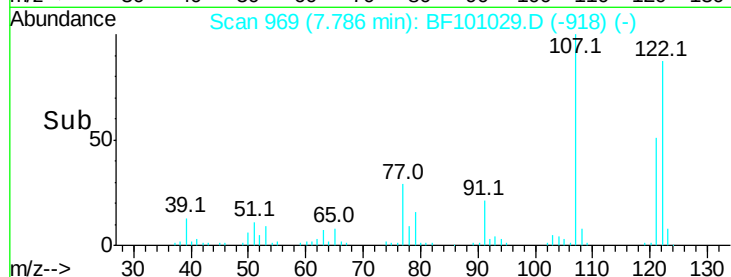
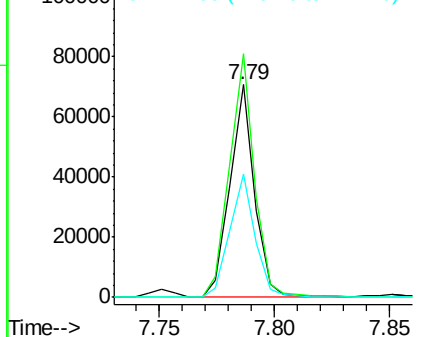


Abundance

Ion 122.00 (121.70 to 122.70): E

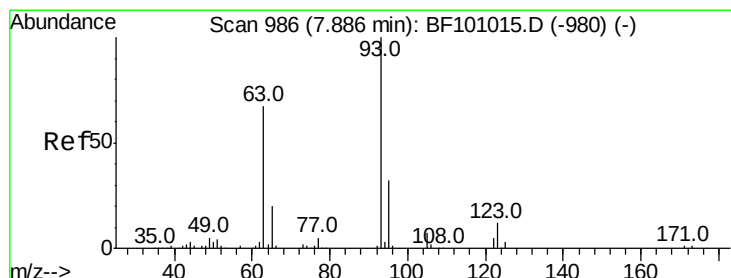
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



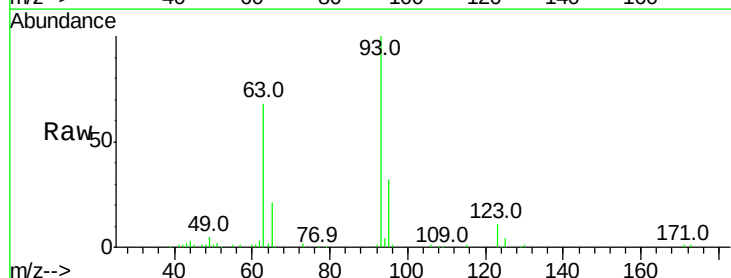
Sohil

12/1/2017 11:12:57 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 16.806 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.3	39.5
123	10.9	9.8	14.6

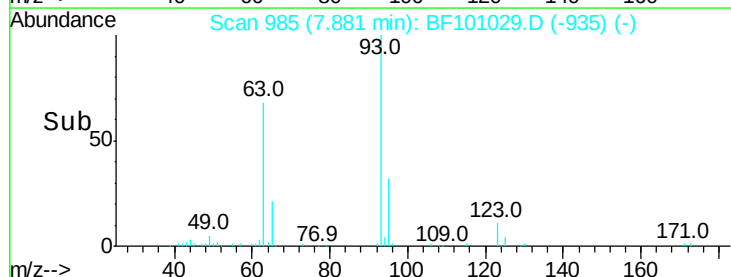
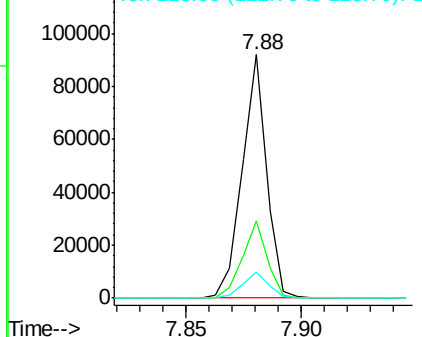


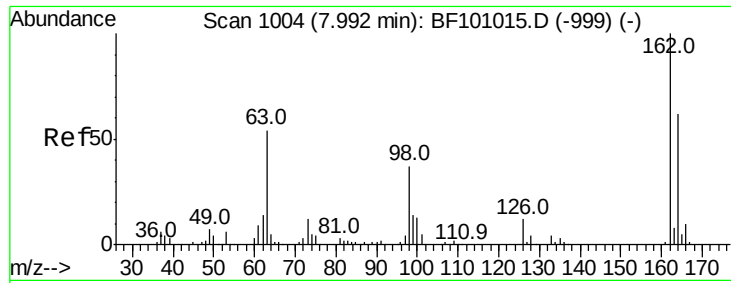
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E



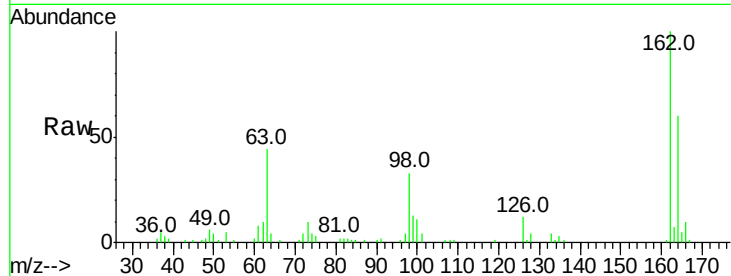


#29
2,4-Dichlorophenol
Concen: 17.515 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

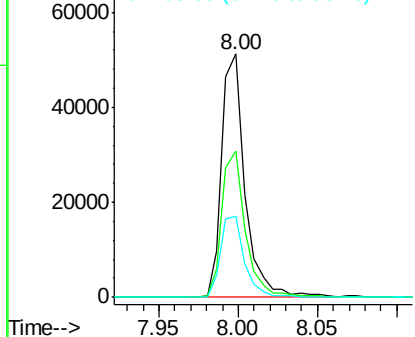
Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	52316		
164	59.9		42.7	82.7
98	33.5		18.1	58.1

Manual Integrations
APPROVED

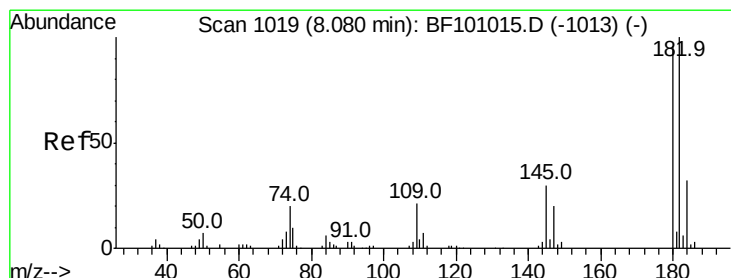
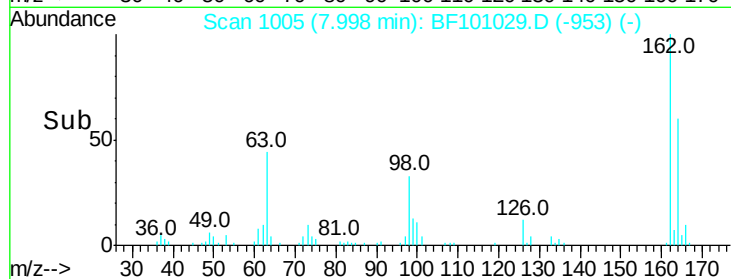


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



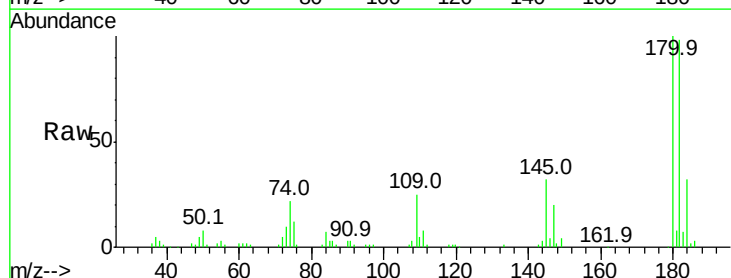
Sohil

12/1/2017 11:12:57 AM

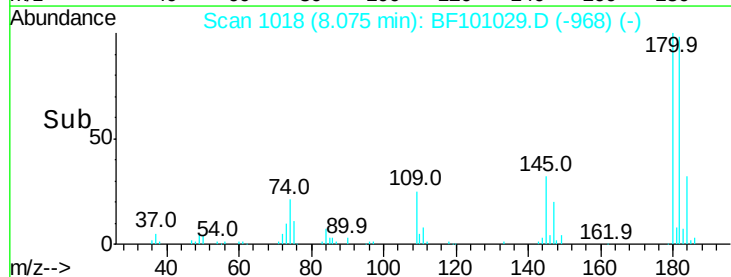
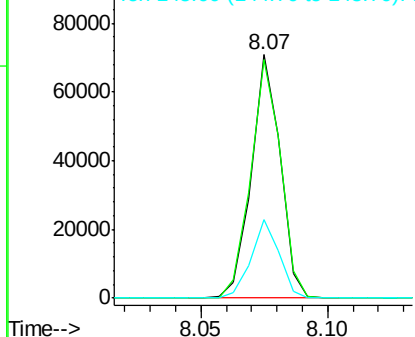


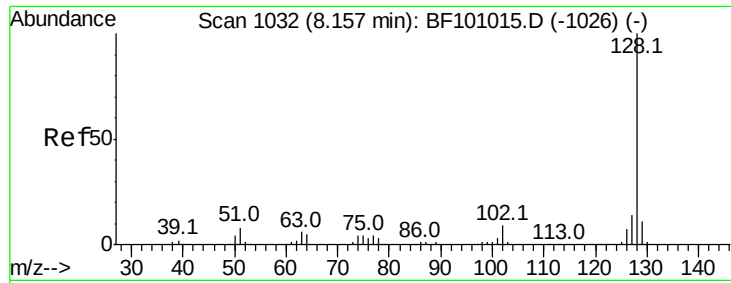
#30
1,2,4-Trichlorobenzene
Concen: 17.197 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	56484		
182	97.8		76.8	115.2
145	32.1		26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



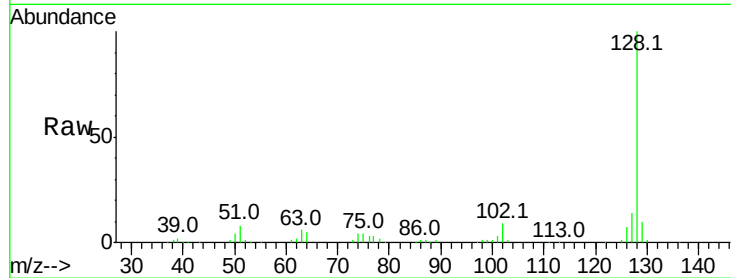


#31
Naphthalene
Concen: 21.011 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	13.8	10.9	16.3

Manual Integrations
APPROVED

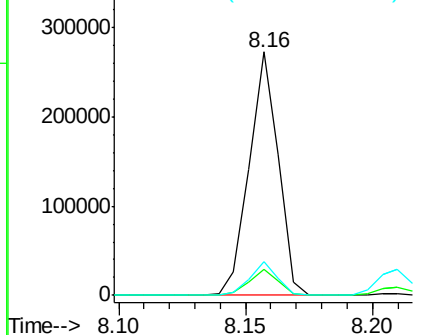


Abundance

Ion 128.00 (127.70 to 128.70): E

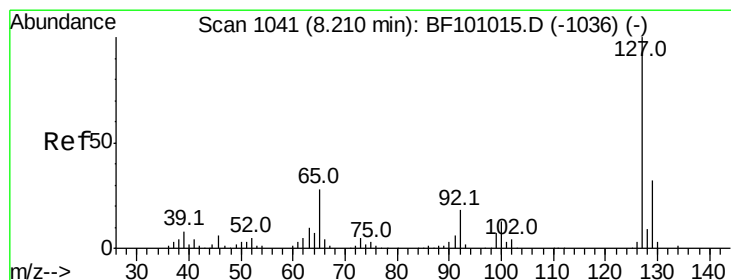
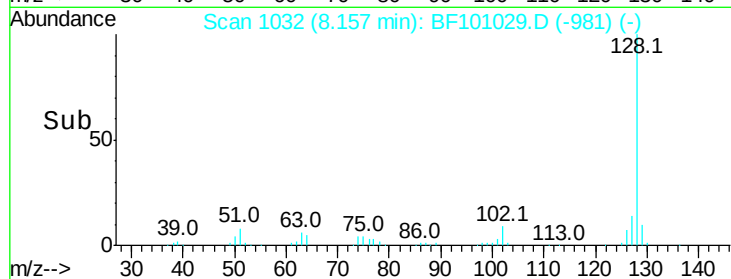
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Sohil

12/1/2017 11:12:57 AM



#33
4-Chloroaniline
Concen: 7.276 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	29.1	25.0	37.4
92	17.7	15.2	22.8

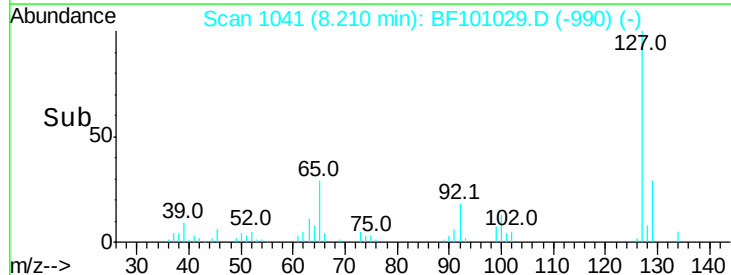
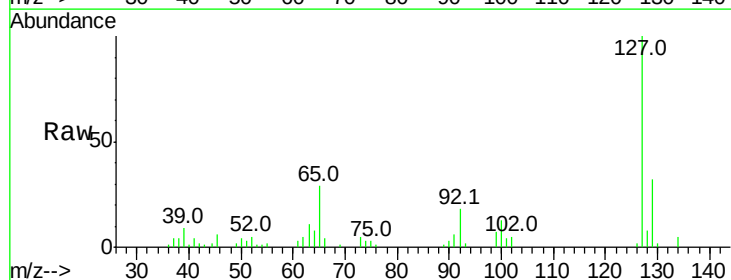
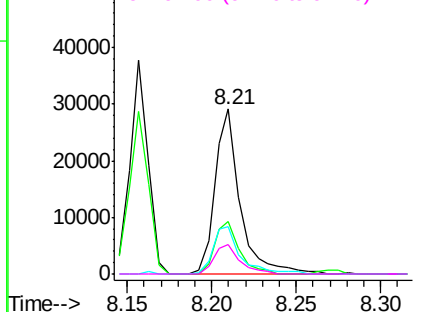
Abundance

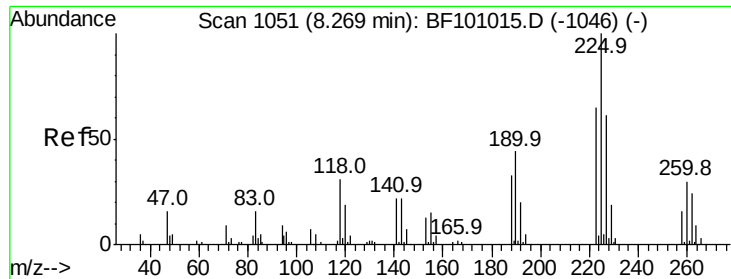
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



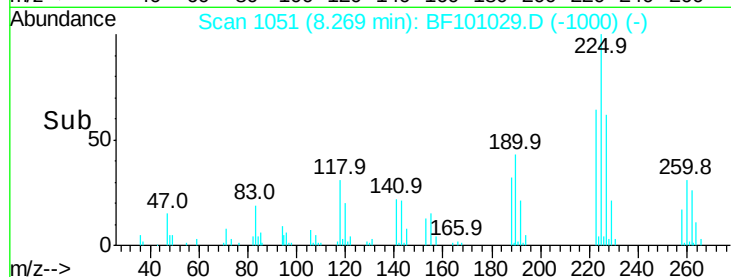
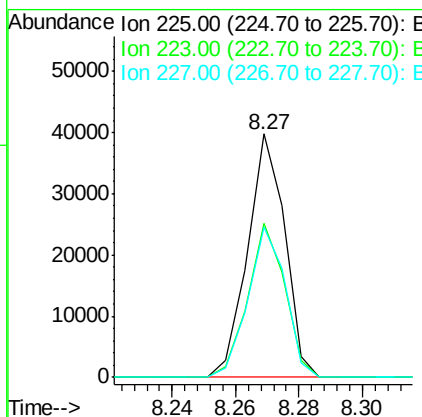
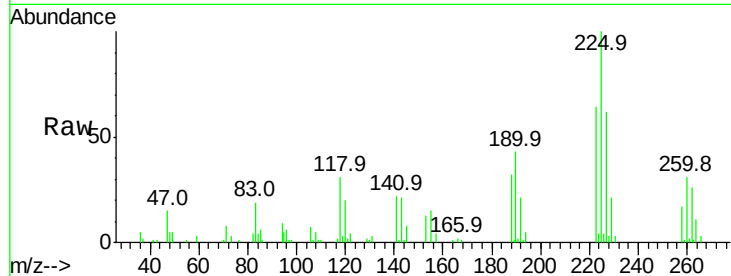


#34
Hexachlorobutadiene
Concen: 16.036 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

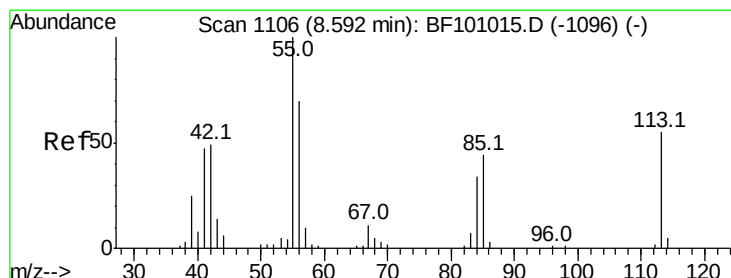
Tot Ion:	225	Resp:	32304
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.6	76.0
227	61.9	51.9	77.9

Manual Integrations
APPROVED



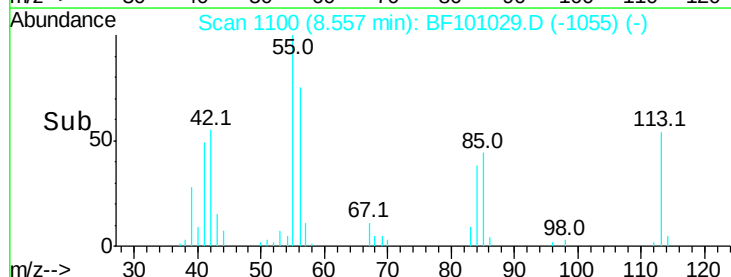
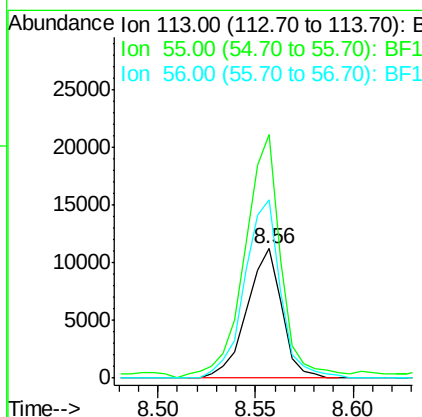
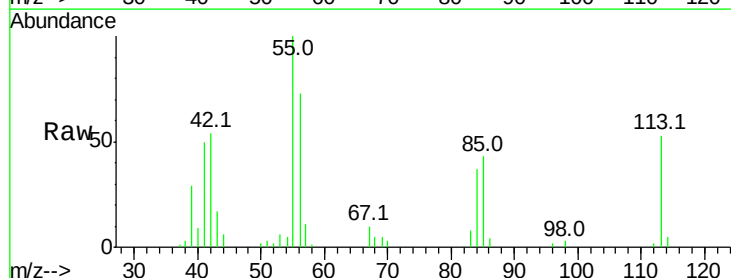
Sohil

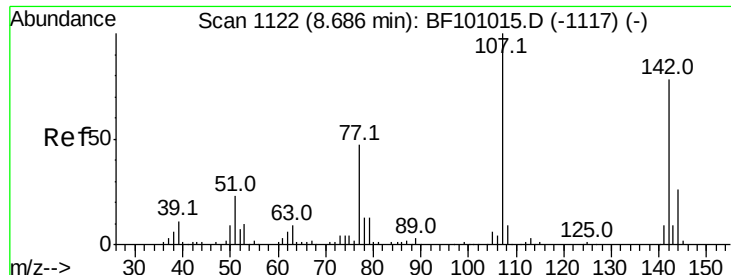
12/1/2017 11:12:57 AM



#35
Caprolactam
Concen: 14.913 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.04 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion:	113	Resp:	13882
Ion Ratio	Lower	Upper	
113	100		
55	188.6	163.3	203.3
56	138.1	115.7	155.7



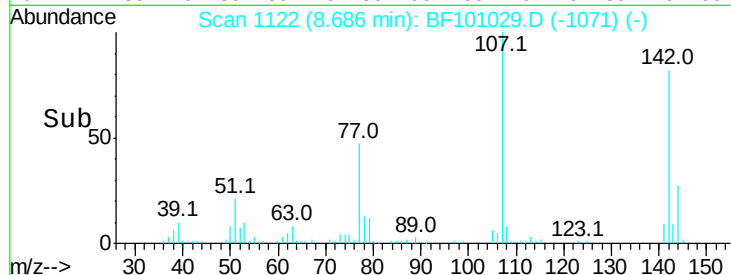
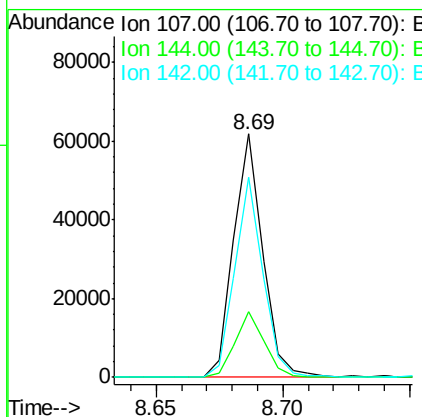
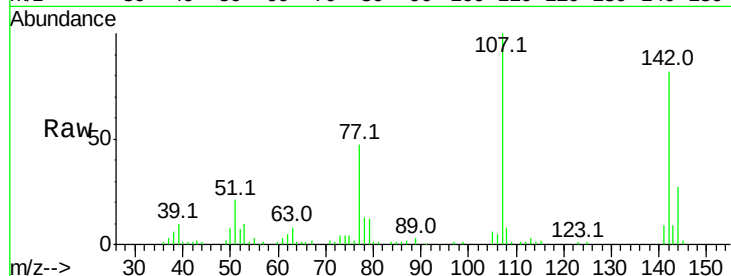


#36
 4-Chloro-3-methylphenol
 Concen: 15.968 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(0-2)-20171127MSD

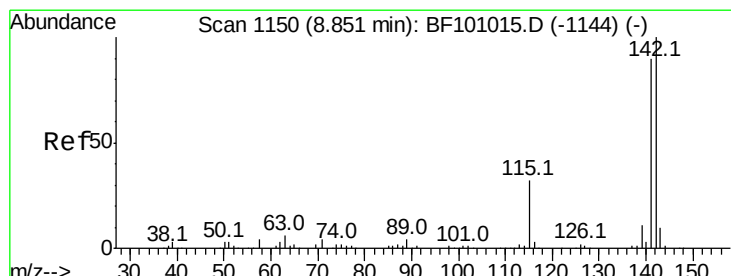
Tot Ion:	107	Resp:	49407
Ion Ratio	Lower	Upper	
107	100		
144	27.2	20.5	30.7
142	82.1	62.0	93.0

Manual Integrations
 APPROVED



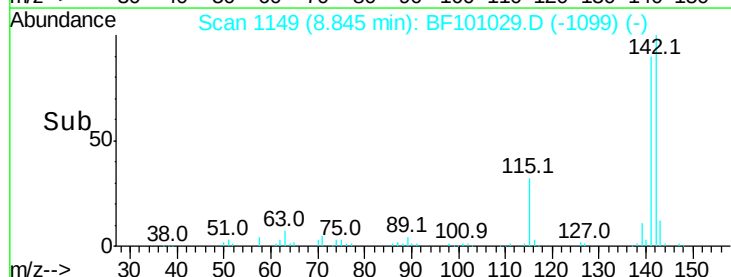
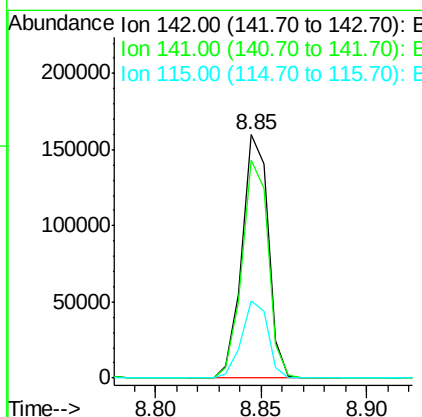
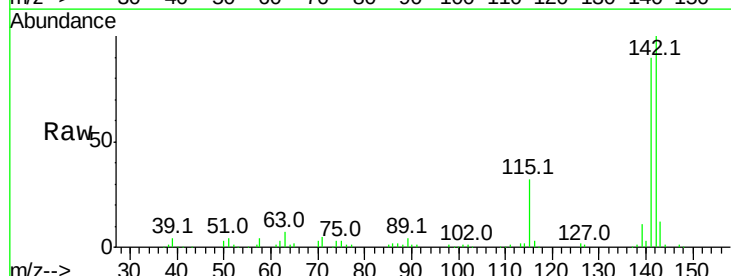
Sohil

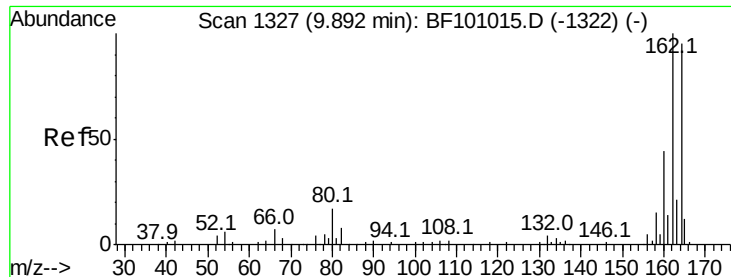
12/1/2017 11:12:57 AM



#37
 2-Methylnaphthalene
 Concen: 19.552 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion:	142	Resp:	137717
Ion Ratio	Lower	Upper	
142	100		
141	89.7	70.8	106.2
115	31.7	26.1	39.1



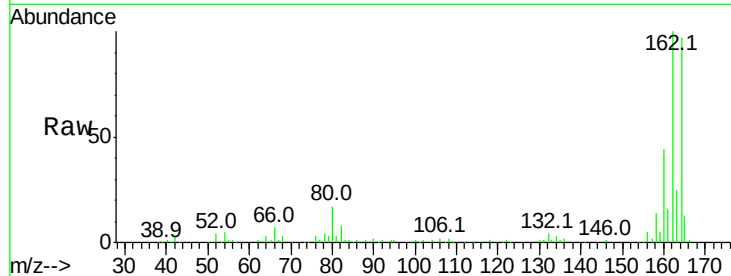


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	45.7	38.3	57.5

Manual Integrations
APPROVED

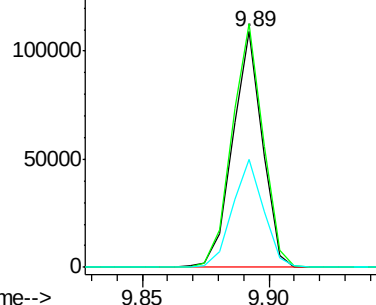


Abundance

Ion 164.00 (163.70 to 164.70): E

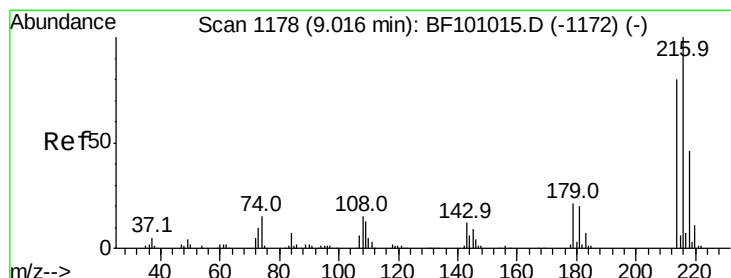
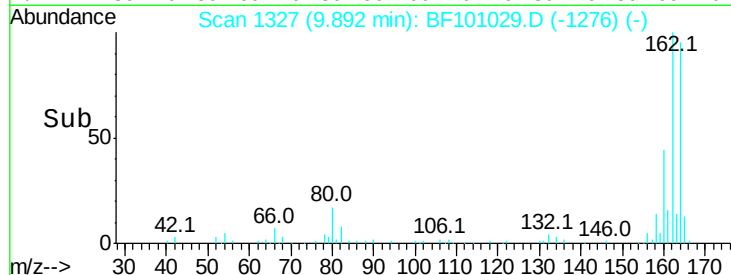
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Sohil

12/1/2017 11:12:57 AM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 16.833 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	20.5	18.1	27.1
108	13.7	17.2	25.8#

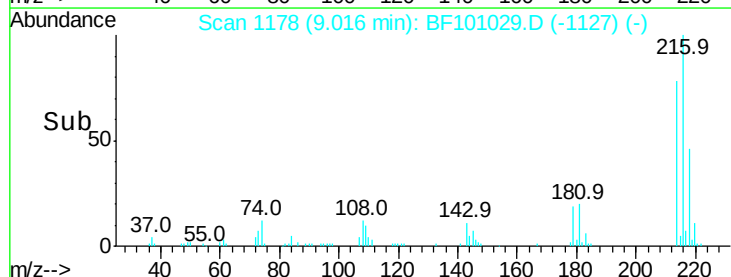
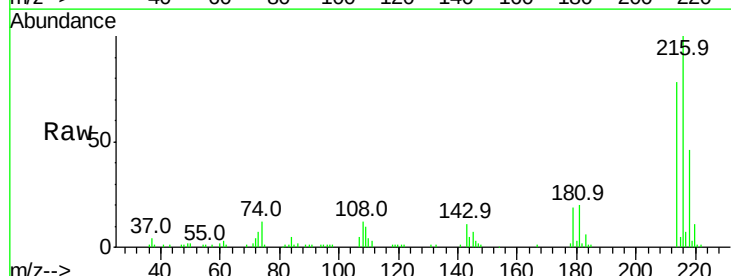
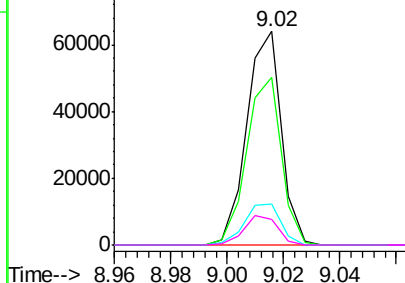
Abundance

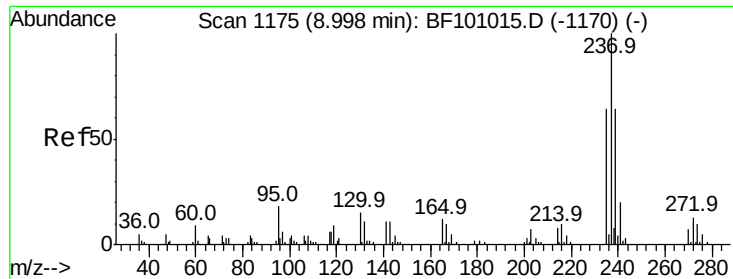
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



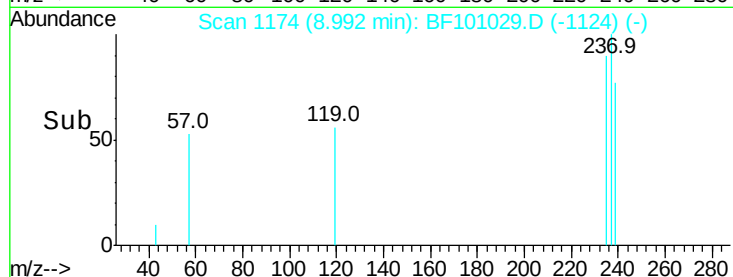
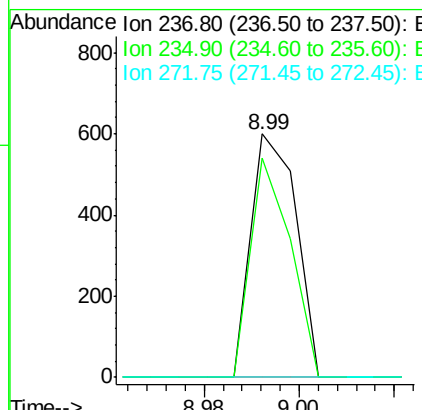
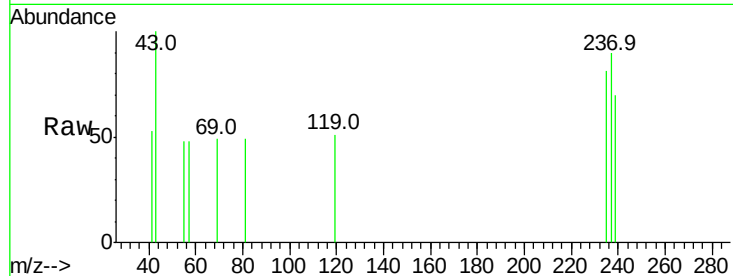


#40
Hexachlorocyclopentadiene
Concen: 6.164 ng/mL
RT: 8.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

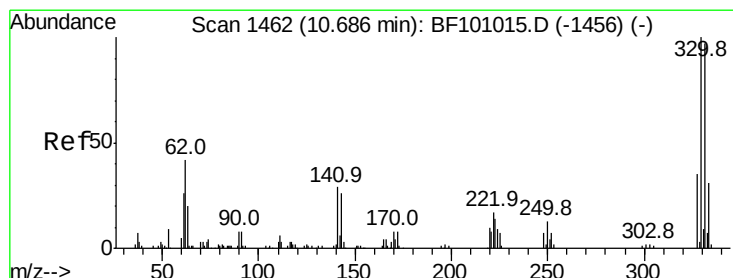
Tot Ion	Ratio	Lower	Upper
237	100		
235	90.0	44.8	84.8#
272	0.0	0.0	33.3

Manual Integrations
APPROVED



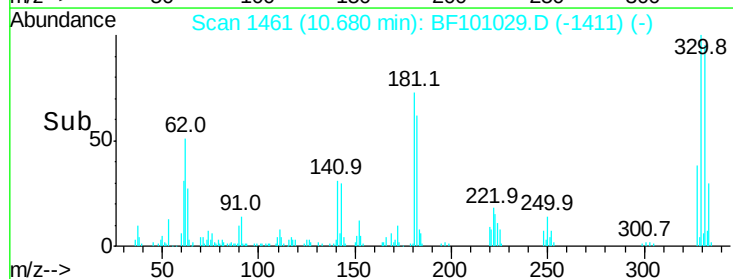
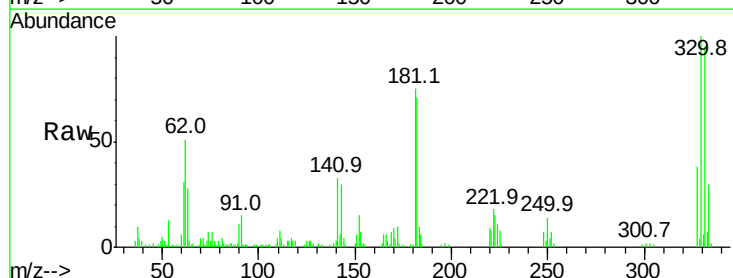
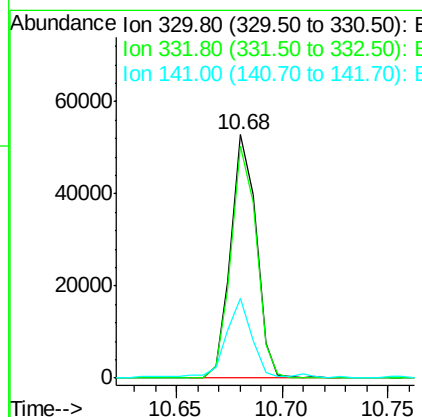
Sohil

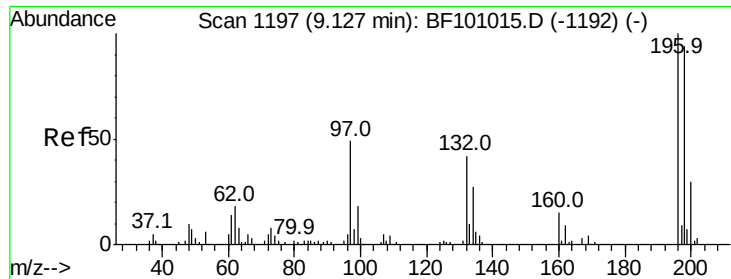
12/1/2017 11:12:57 AM



#41
2,4,6-Tribromophenol
Concen: 41.304 ng/mL
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	34.1	29.9	44.9



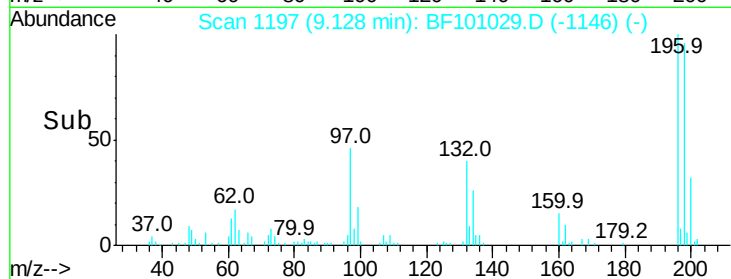
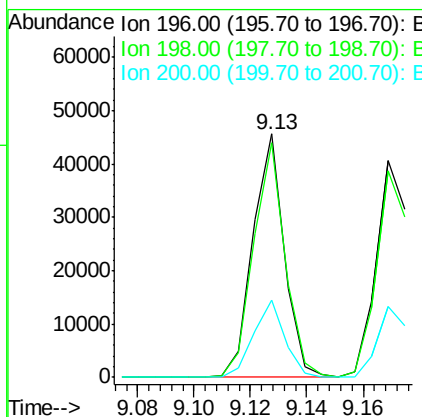
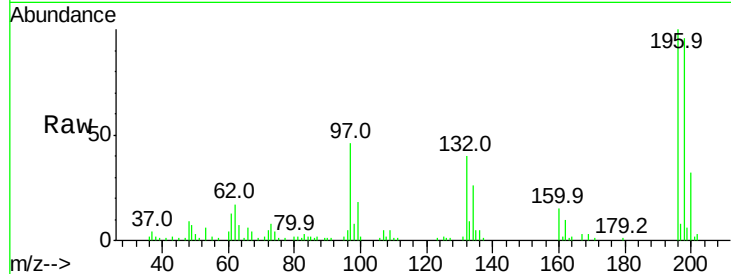


#42
 2,4,6-Trichlorophenol
 Concen: 18.585 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(0-2)-20171127MSD

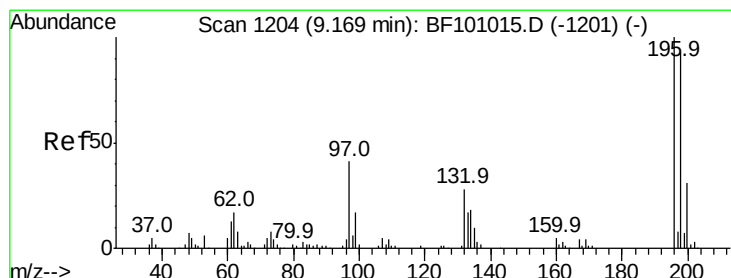
Tot Ion:	196	Resp:	35127
Ion Ratio	Lower	Upper	
196	100		
198	96.4	75.7	113.5
200	31.7	24.5	36.7

Manual Integrations
 APPROVED



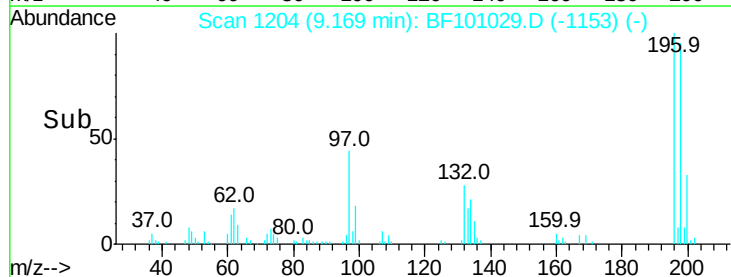
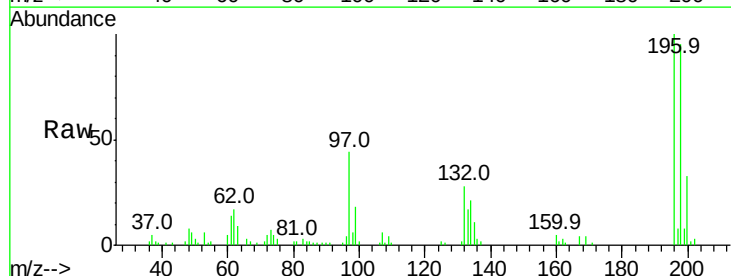
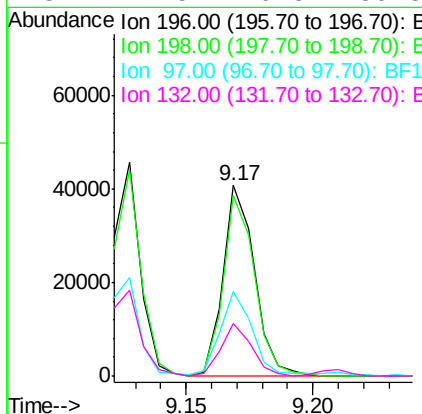
Sohil

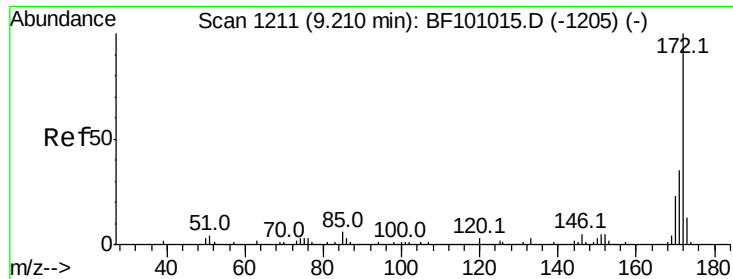
12/1/2017 11:12:57 AM



#43
 2,4,5-Trichlorophenol
 Concen: 17.498 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion:	196	Resp:	35357
Ion Ratio	Lower	Upper	
196	100		
198	95.0	74.6	112.0
97	44.2	42.9	64.3
132	27.5	26.3	39.5



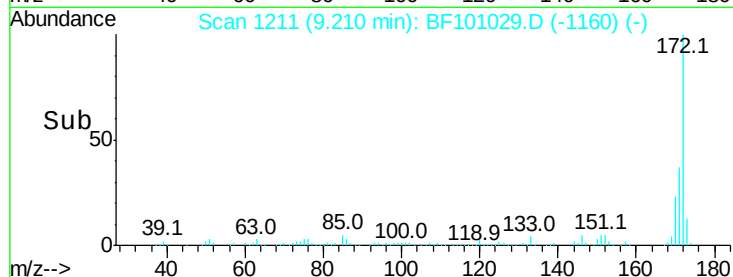
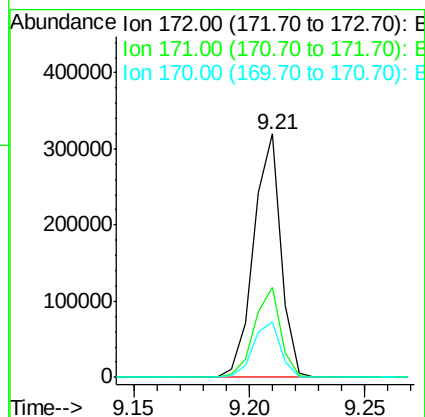
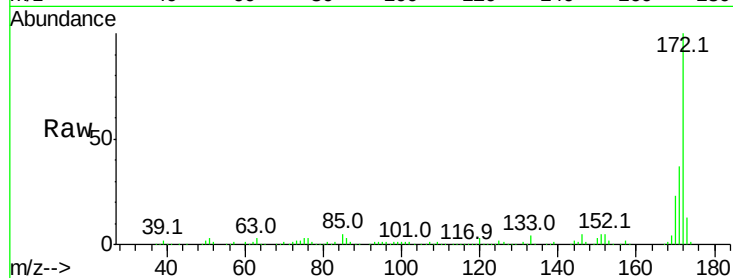


#44
2-Fluorobiphenyl
Concen: 40.594 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

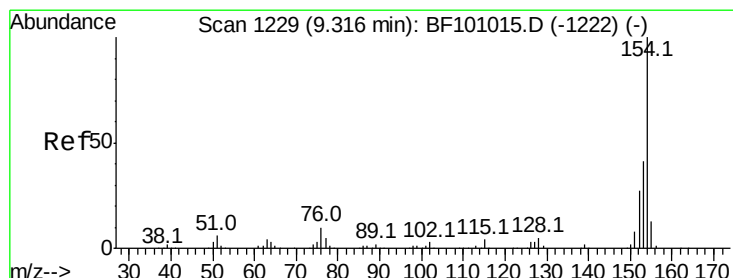
Tot Ion	Ratio	Resp	Lower	Upper
172	100	263321		
171	37.1		29.7	44.5
170	22.5		19.6	29.4

Manual Integrations
APPROVED



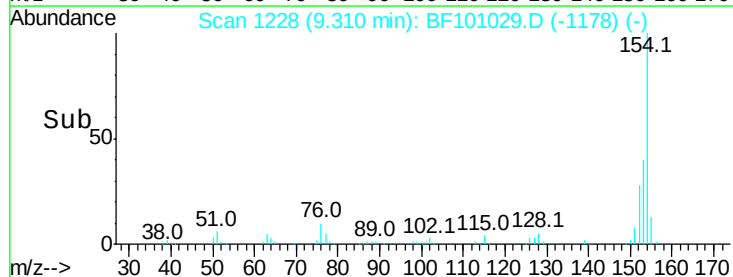
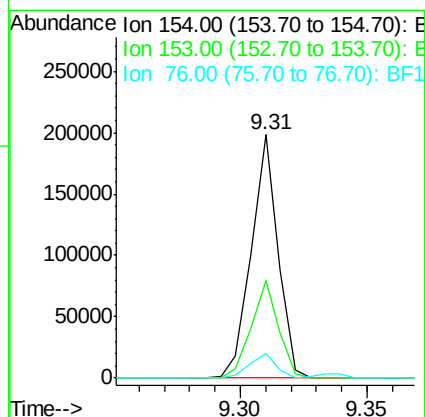
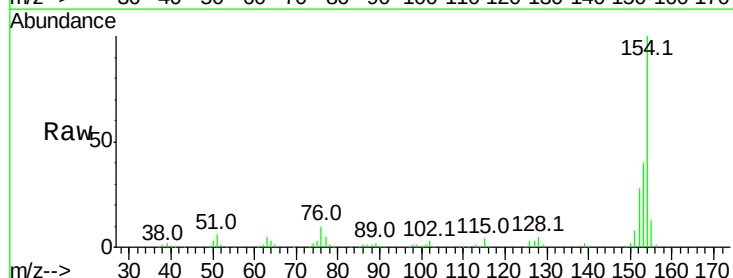
Sohil

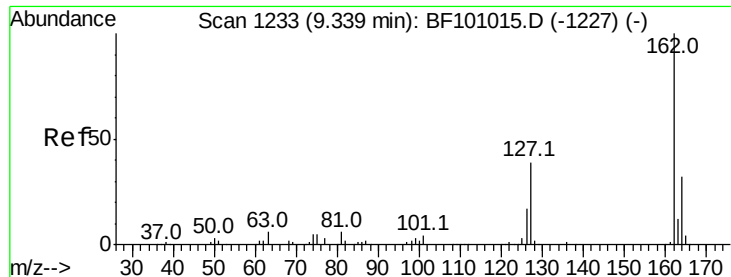
12/1/2017 11:12:57 AM



#45
1,1'-Biphenyl
Concen: 17.919 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	145710		
153	40.1		21.3	61.3
76	10.0		0.0	34.0



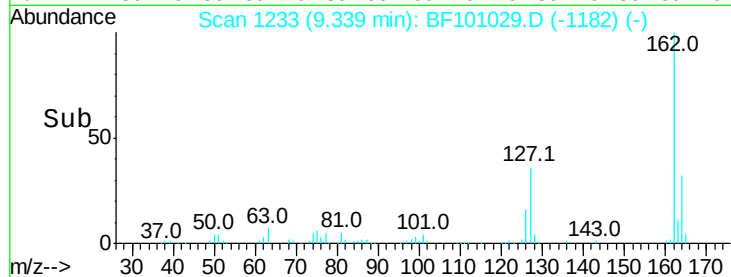
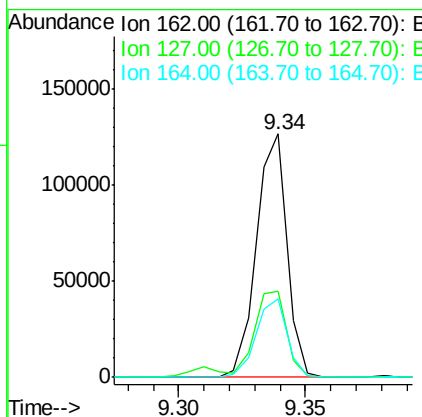
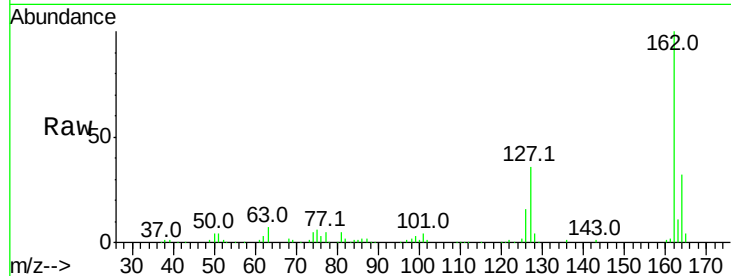


#46
2-Chloronaphthalene
Concen: 18.466 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

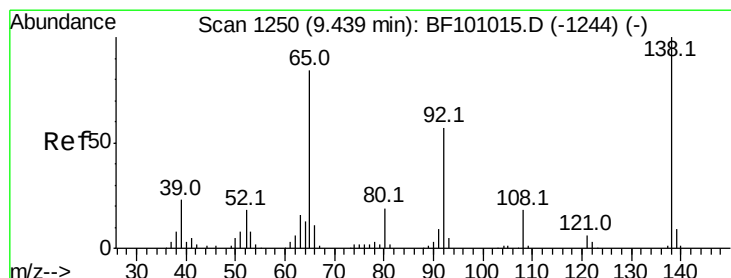
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.5	33.9	50.9	
164	32.0	26.5	39.7	

Manual Integrations
APPROVED



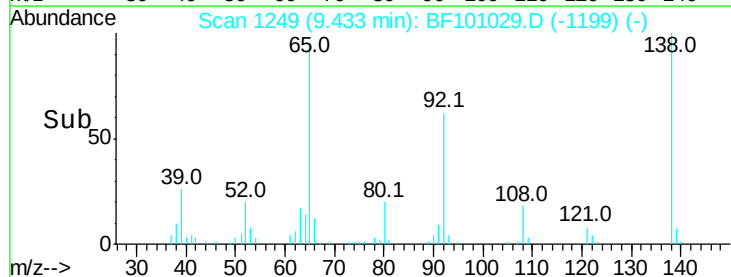
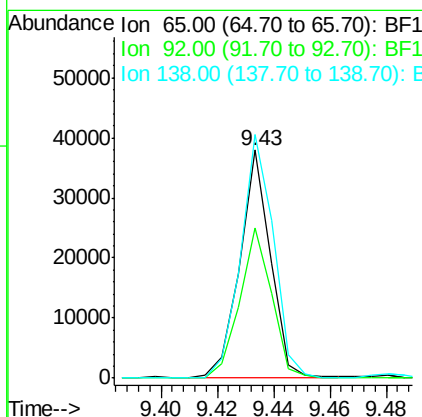
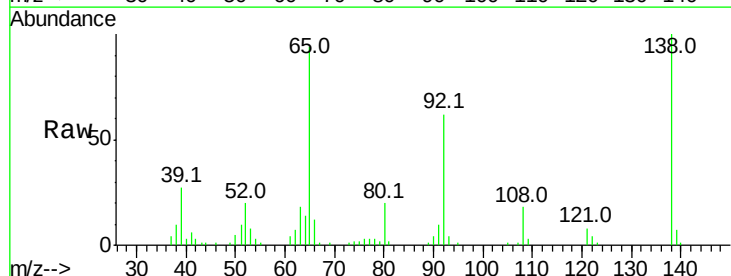
Sohil

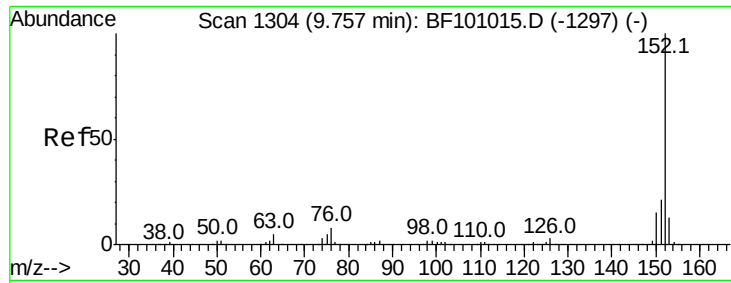
12/1/2017 11:12:57 AM



#47
2-Nitroaniline
Concen: 16.829 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	65.9	55.8	83.6	
138	106.9	91.2	136.8	



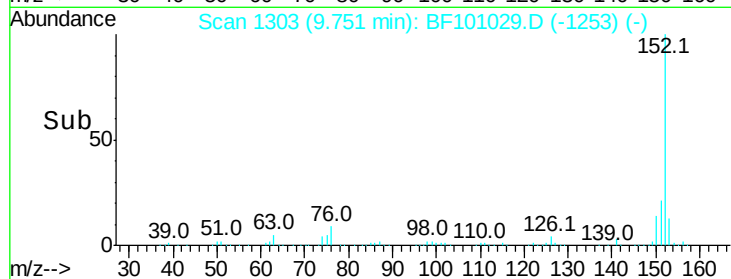
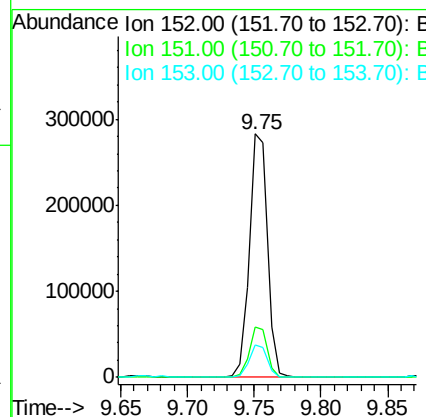
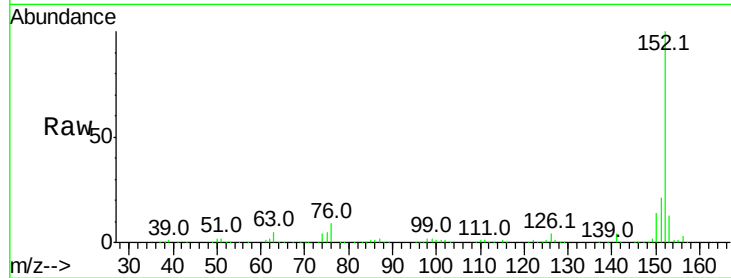


#48
Acenaphthylene
Concen: 27.842 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

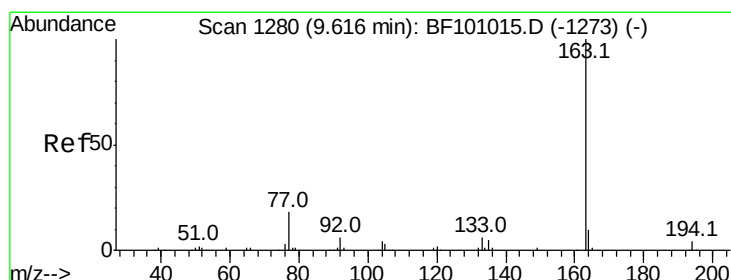
Tot Ion	Ratio	Resp	Lower	Upper
152	100	264226		
151	20.5		16.3	24.5
153	13.4		10.7	16.1

Manual Integrations
APPROVED



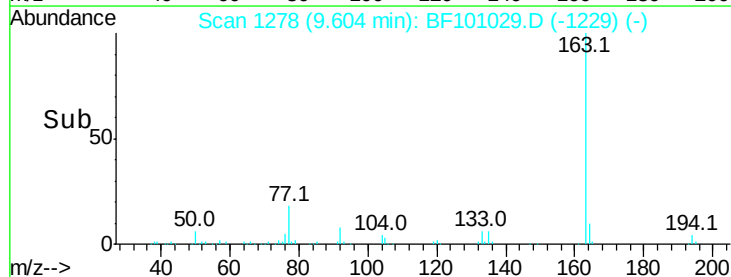
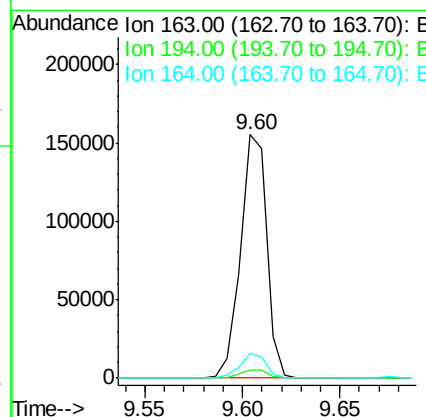
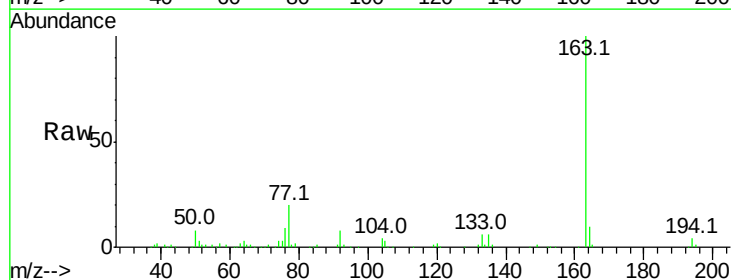
Sohil

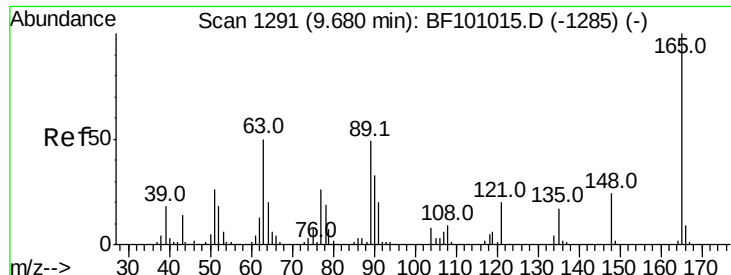
12/1/2017 11:12:57 AM



#49
Dimethylphthalate
Concen: 20.227 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	144781		
194	3.6		2.7	4.1
164	10.1		8.2	12.2



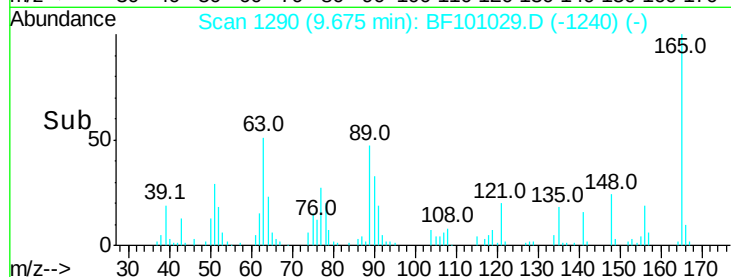
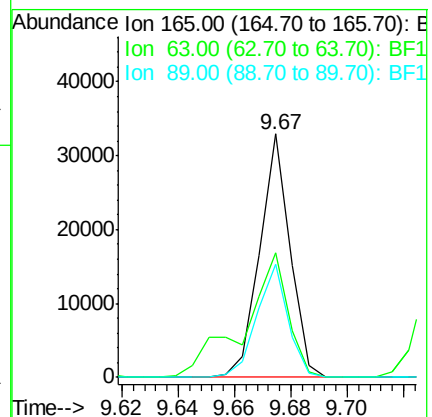
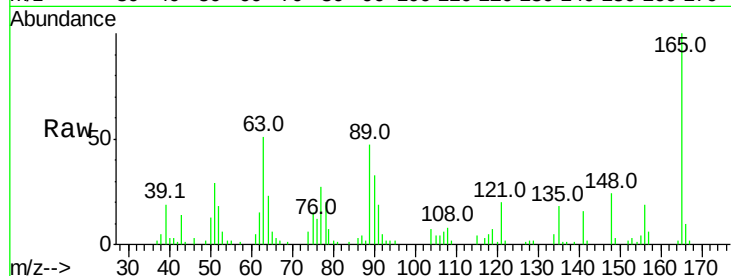


#50
2,6-Dinitrotoluene
Concen: 16.260 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

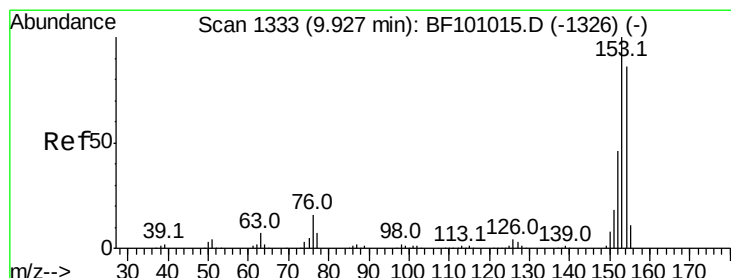
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.2	44.7	67.1	
89	46.6	44.0	66.0	

Manual Integrations
APPROVED



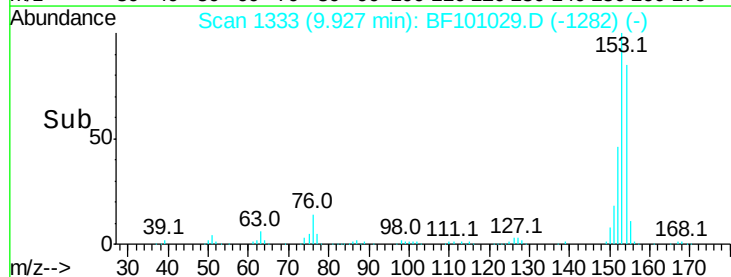
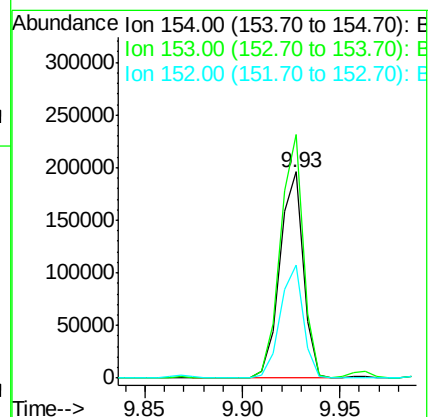
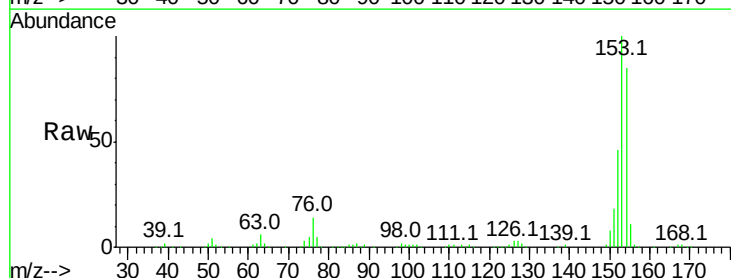
Sohil

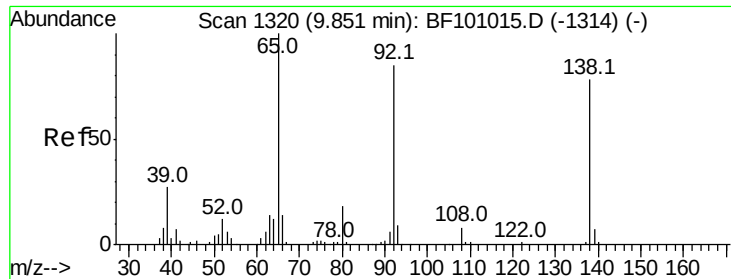
12/1/2017 11:12:57 AM



#51
Acenaphthene
Concen: 28.849 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	118.1	91.2	136.8	
152	54.9	43.8	65.8	



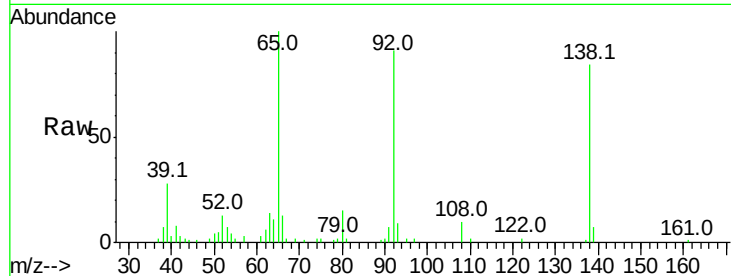


#52
3-Nitroaniline
Concen: 10.745 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

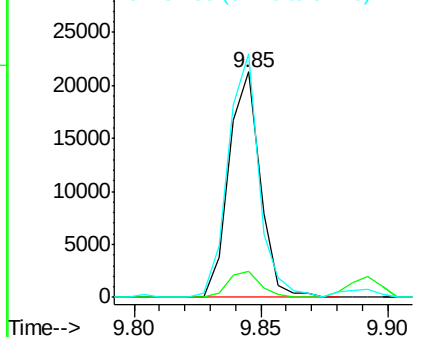
Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.4	14.0
92	108.1	89.4	134.2

Manual Integrations
APPROVED

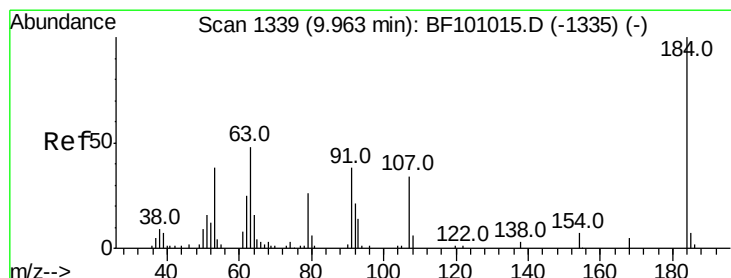
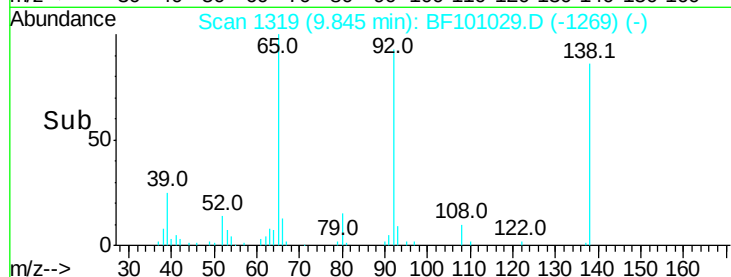


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1



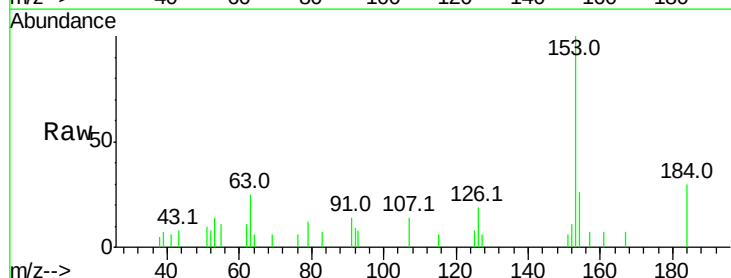
Sohil

12/1/2017 11:12:57 AM

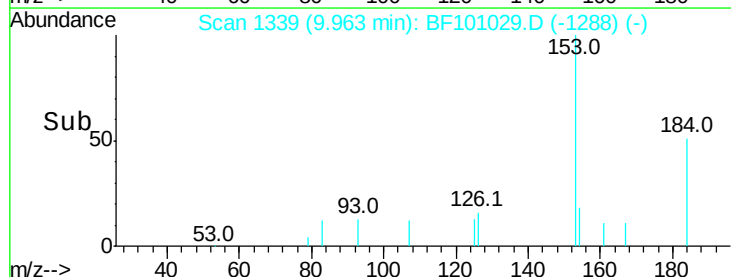
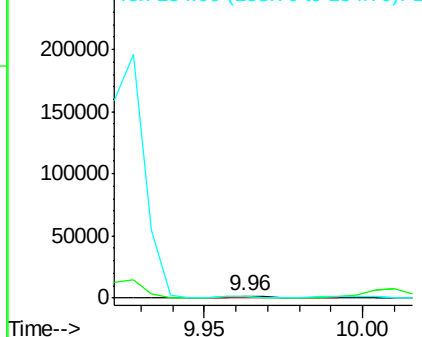


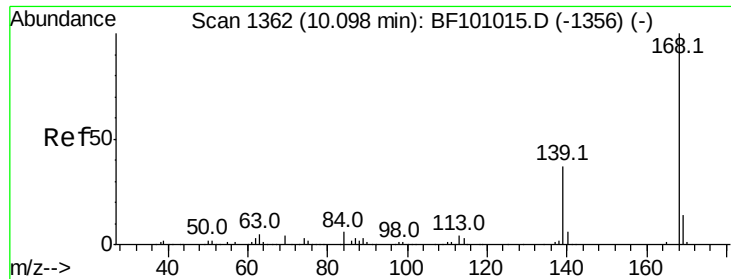
#53
2,4-Dinitrophenol
Concen: 6.867 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	82.0	54.2	81.2#
154	86.8	184.0	276.0#



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





#54

Dibenzofuran

Concen: 22.841 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

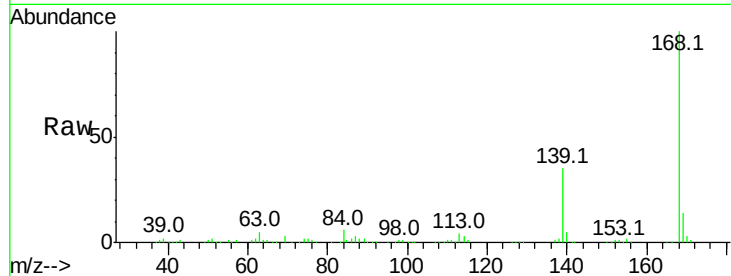
BNA_F

ClientSampleId :

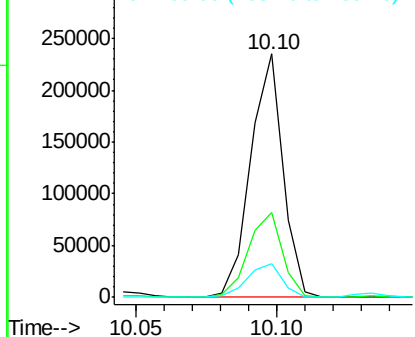
SB-12(0-2)-20171127MSD

Tot Ion:168	Resp:	187053
Ion Ratio	Lower	Upper
168 100		
139 34.9	30.1	45.1
169 13.6	10.9	16.3

Manual Integrations
APPROVED

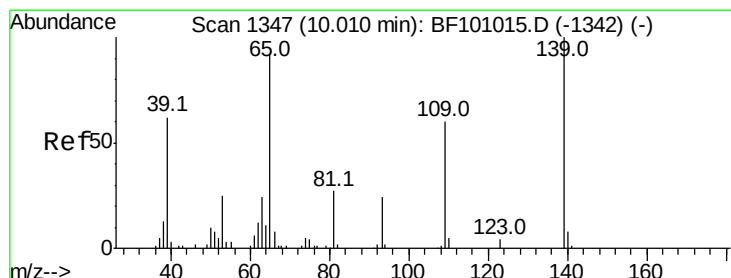
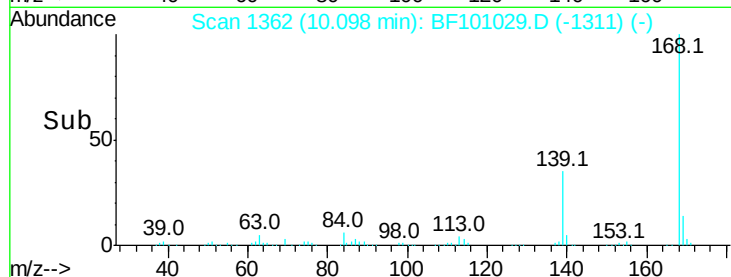


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



Sohil

12/1/2017 11:12:57 AM



#55

4-Nitrophenol

Concen: 27.216 ng

RT: 10.01 min Scan# 1347

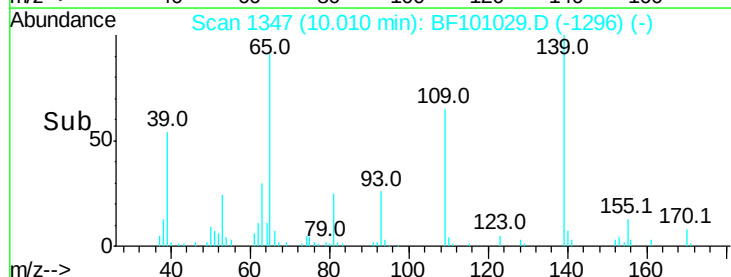
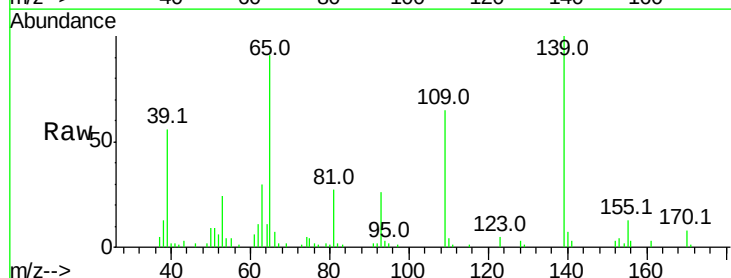
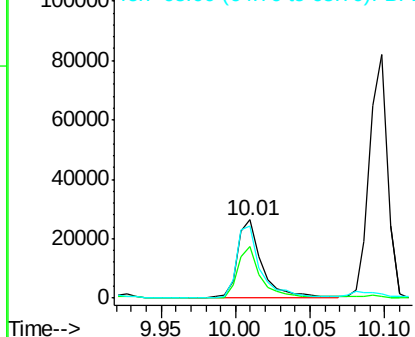
Delta R.T. 0.00 min

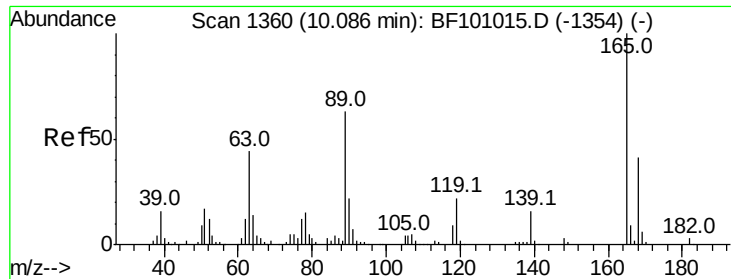
Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Tgt Ion:139	Resp:	31118
Ion Ratio	Lower	Upper
139 100		
109 65.2	48.4	88.4
65 91.4	72.6	112.6

Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1



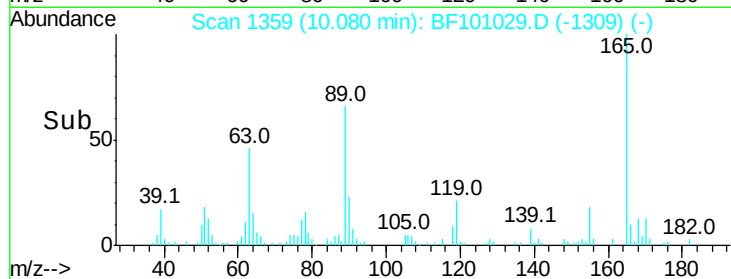
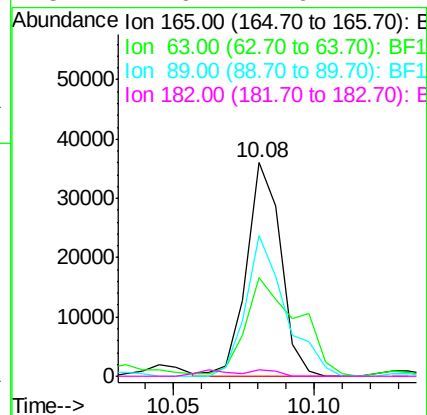
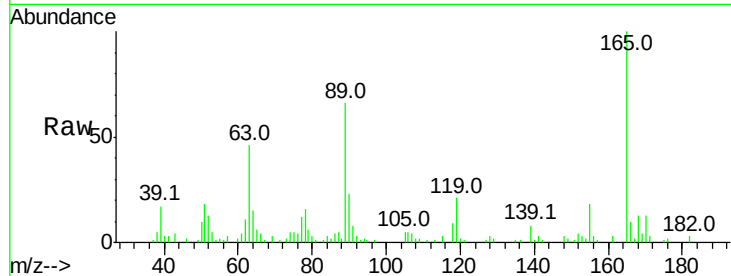


#56
 2,4-Dinitrotoluene
 Concen: 15.013 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(0-2)-20171127MSD

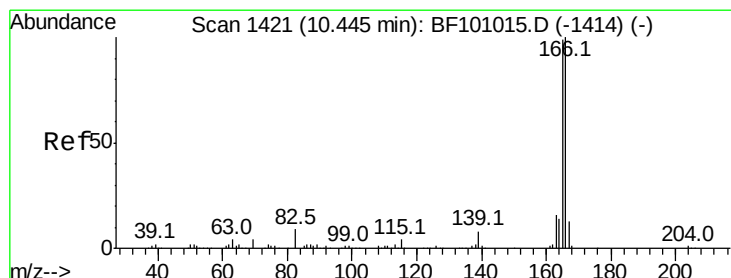
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.3	36.4	54.6	
89	65.7	57.8	86.6	
182	2.9	1.6	2.4	

Manual Integrations
 APPROVED



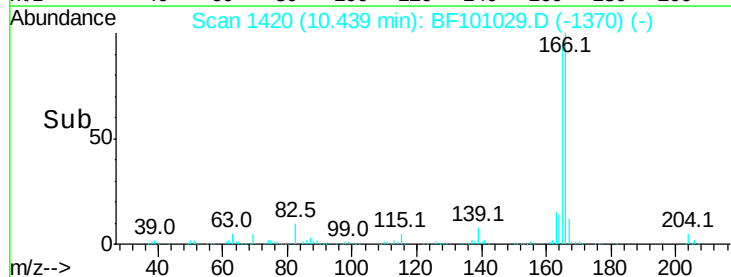
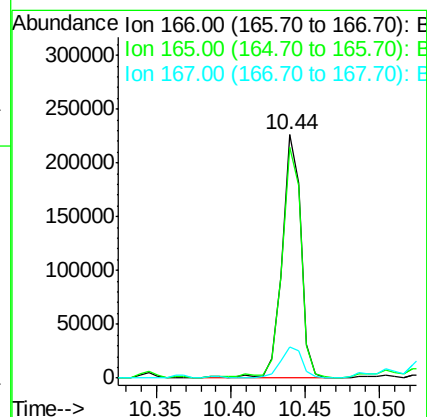
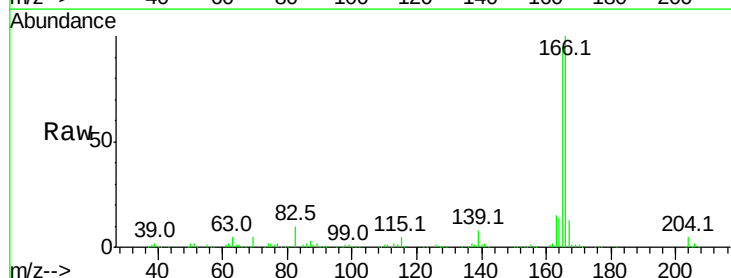
Sohil

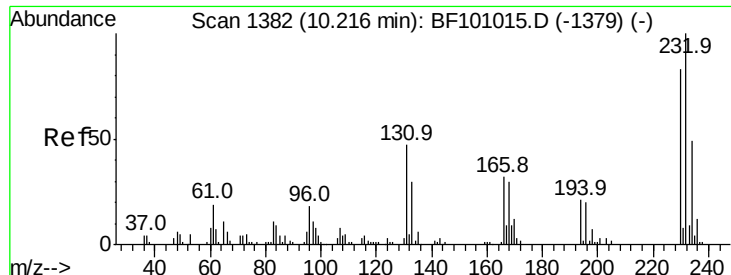
12/1/2017 11:12:57 AM



#57
 Fluorene
 Concen: 29.727 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.6	79.8	119.8	
167	12.8	10.6	16.0	



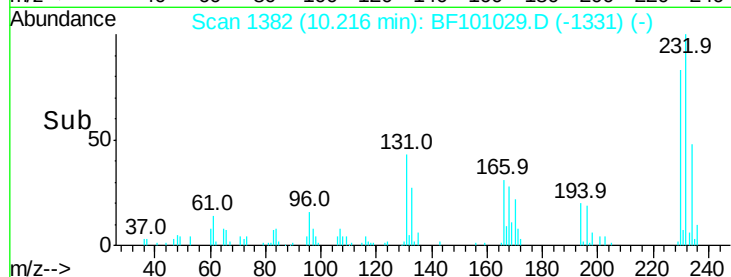
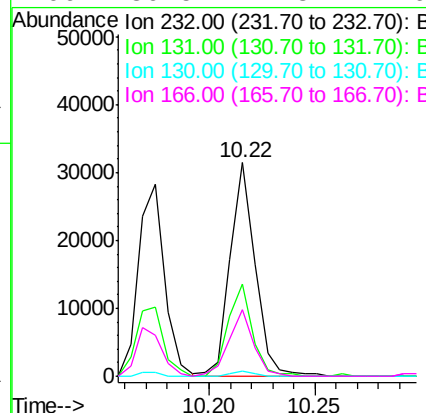
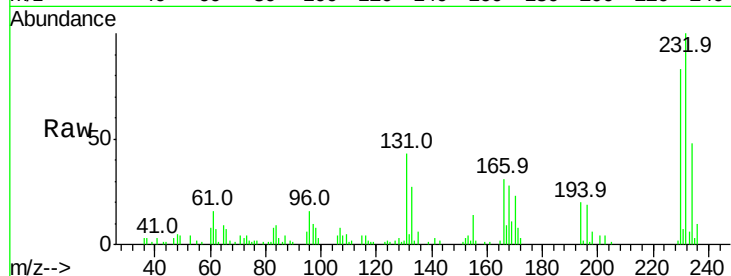


#58
2,3,4,6-Tetrachlorophenol
Concen: 16.029 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

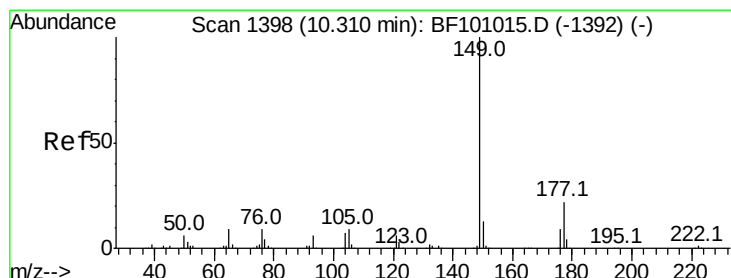
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.1	43.8	65.8#
130	2.0	2.1	3.1#
166	30.5	27.8	41.6

Manual Integrations
APPROVED



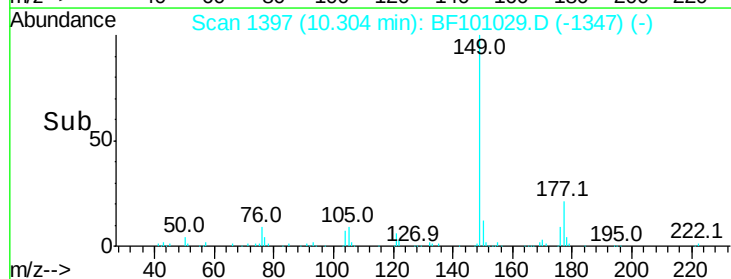
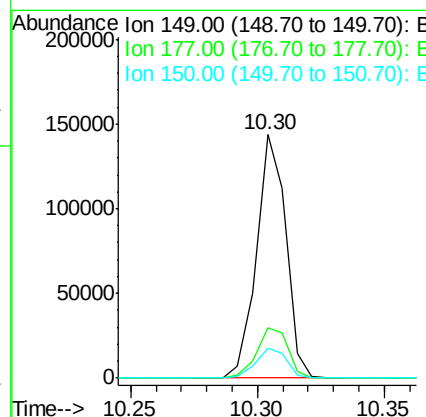
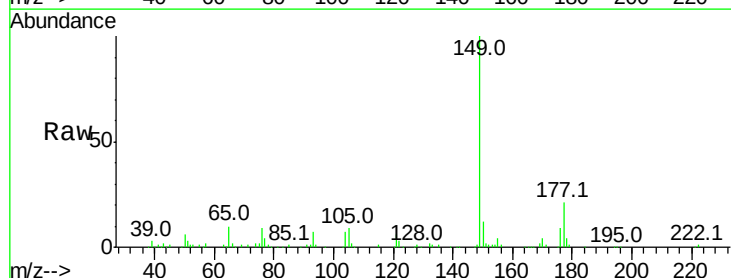
Sohil

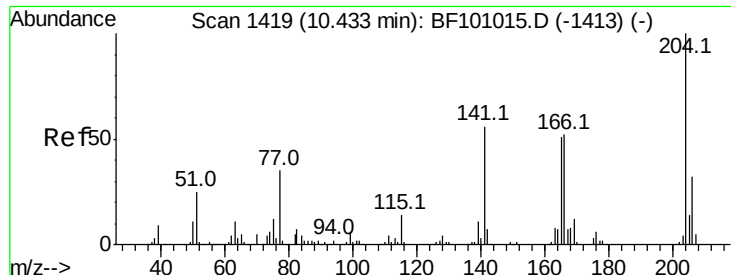
12/1/2017 11:12:57 AM



#59
Diethylphthalate
Concen: 16.457 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.1	24.1
150	12.2	10.1	15.1



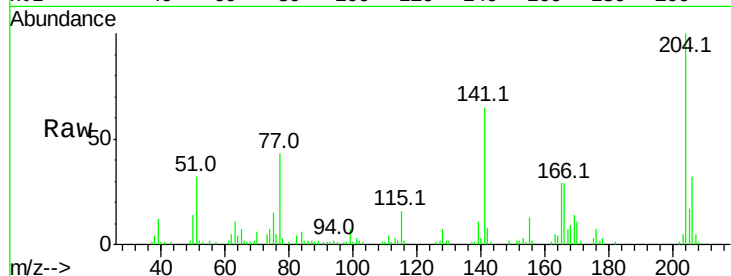


#60
4-Chlorophenyl-phenylether
Concen: 16.030 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.5	39.7
141	65.3	54.6	81.8

Manual Integrations
APPROVED

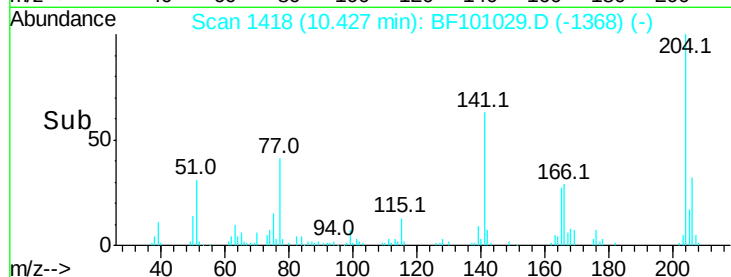
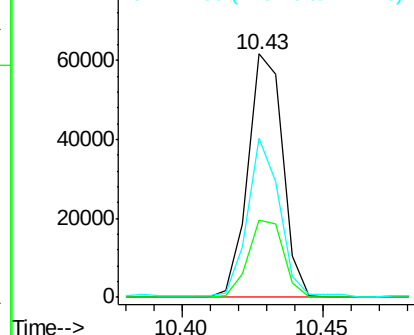


Abundance

Ion 204.00 (203.70 to 204.70): E

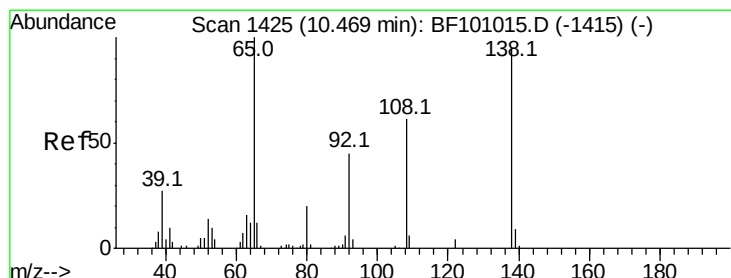
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



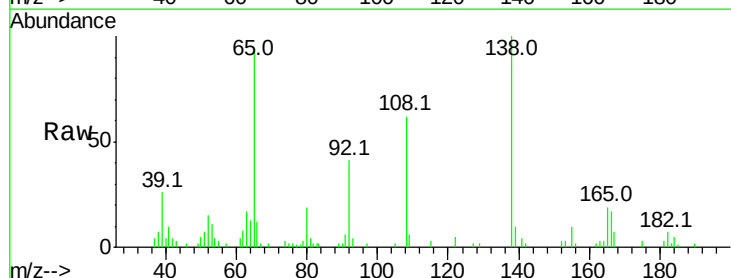
Sohil

12/1/2017 11:12:57 AM



#61
4-Nitroaniline
Concen: 11.971 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	40.9	30.2	70.2
108	61.9	52.5	92.5

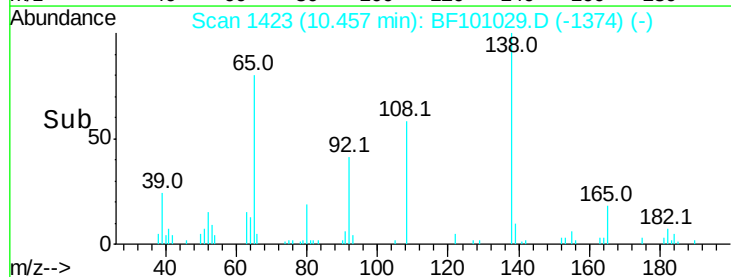
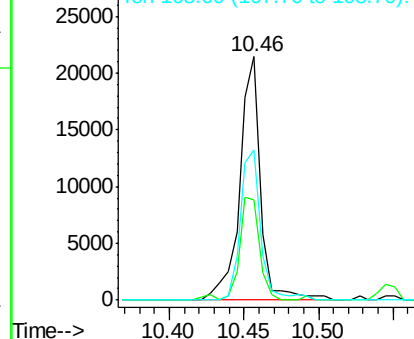


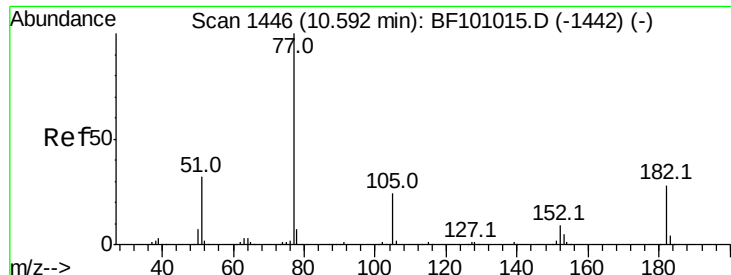
Abundance

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





#62

Azobenzene

Concen: 15.674 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

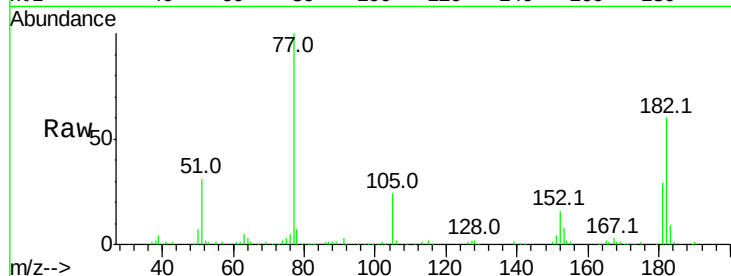
BNA_F

ClientSampleId :

SB-12(0-2)-20171127MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	60.0	1.7	41.7#	
105	24.4	3.0	43.0	
51	31.0	9.9	49.9	

Manual Integrations
APPROVED

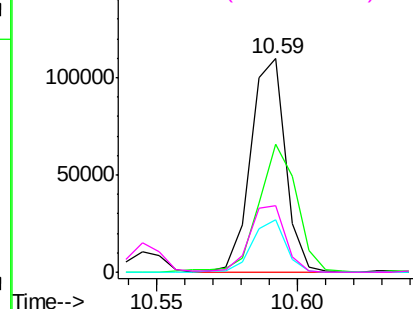
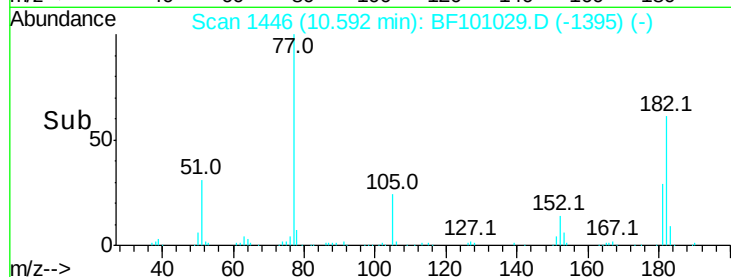


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

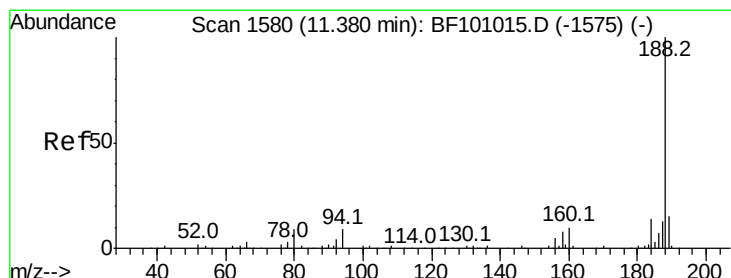
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Sohil

12/1/2017 11:12:57 AM



#63

Phenanthrene-d10

Concen: 20.000 ng

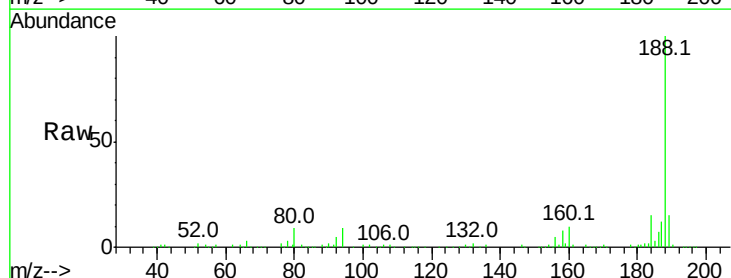
RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

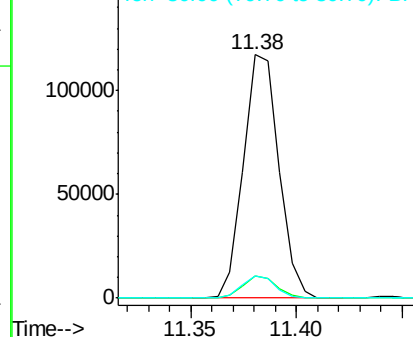
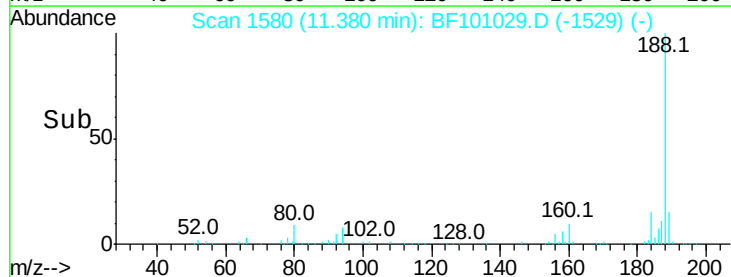
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	8.5	12.7	
80	9.3	9.2	13.8	

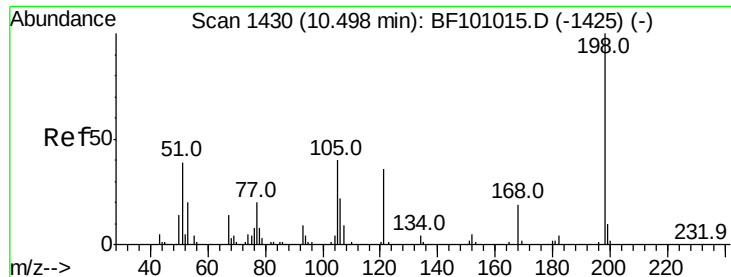


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 2.625 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SB-12(0-2)-20171127MSD

Tot Ion:198 Resp: 2407

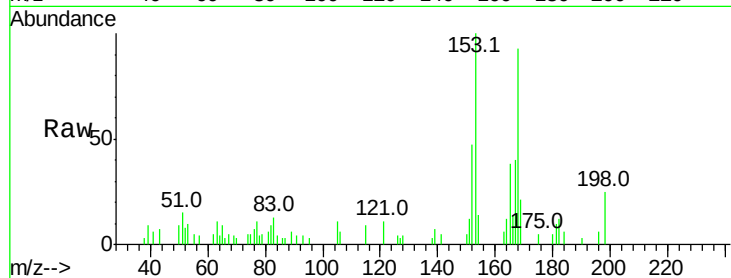
Ion Ratio Lower Upper

198 100

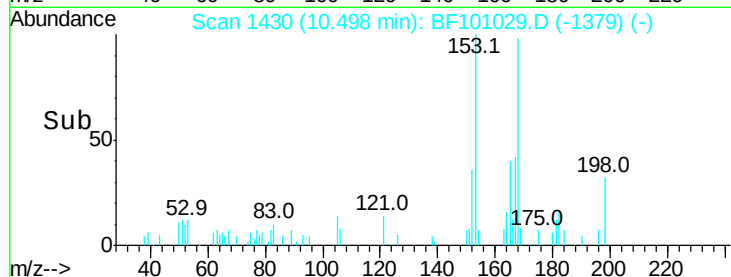
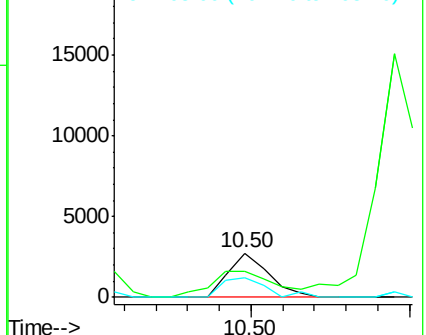
51 60.3 37.7 77.7

105 43.6 36.3 76.3

Manual Integrations
APPROVED

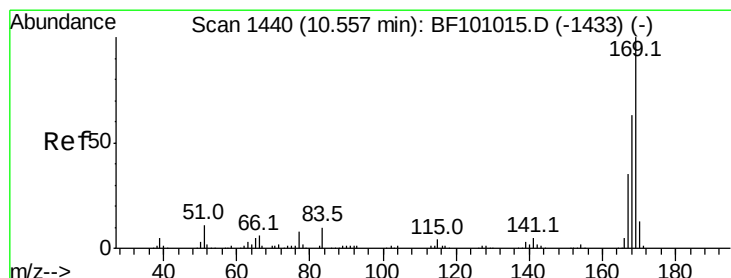


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



Sohil

12/1/2017 11:12:57 AM



#65

n-Nitrosodiphenylamine

Concen: 21.281 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

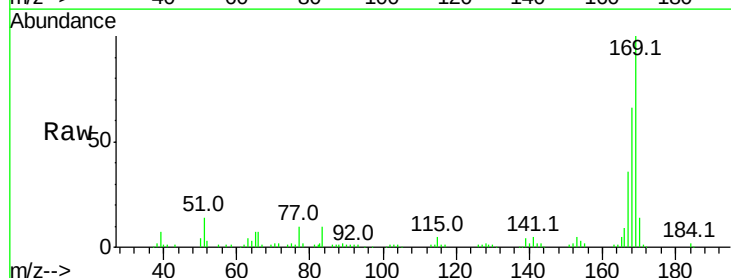
Tgt Ion:169 Resp: 102639

Ion Ratio Lower Upper

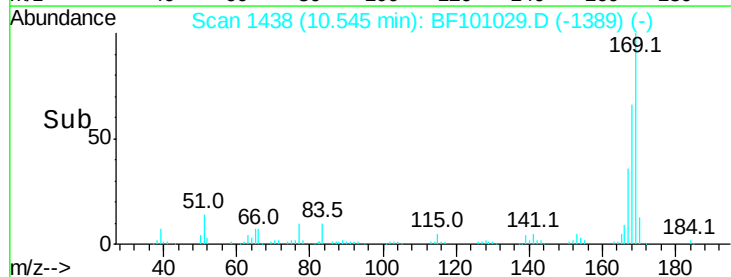
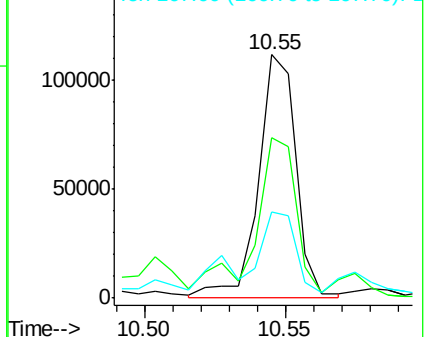
169 100

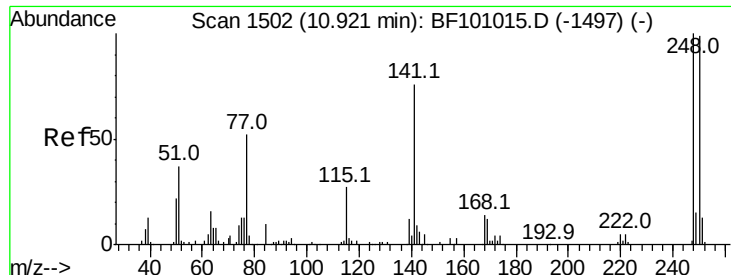
168 66.1 54.4 81.6

167 35.6 29.8 44.6



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



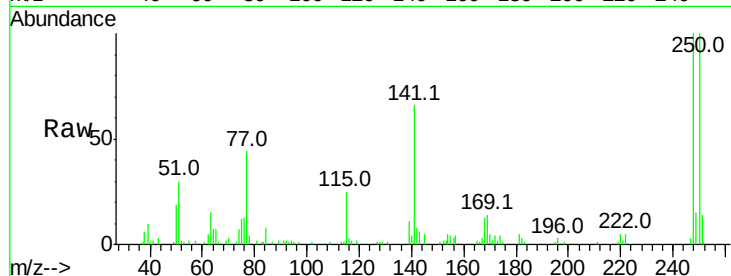


#66
4-Bromophenyl-phenylether
Concen: 19.893 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	76.9	115.3
141	65.8	74.4	111.6

Manual Integrations
APPROVED

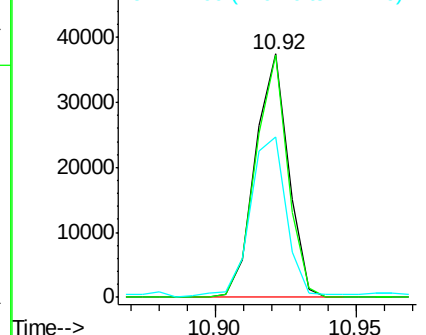


Abundance

Ion 248.00 (247.70 to 248.70): E

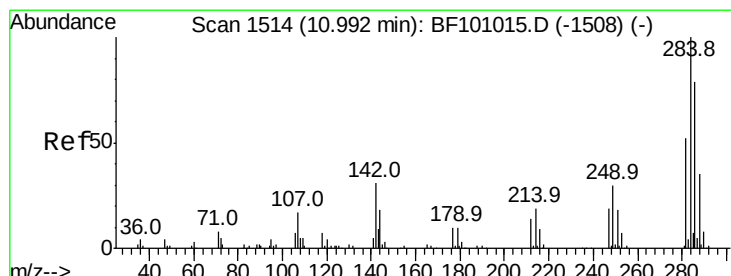
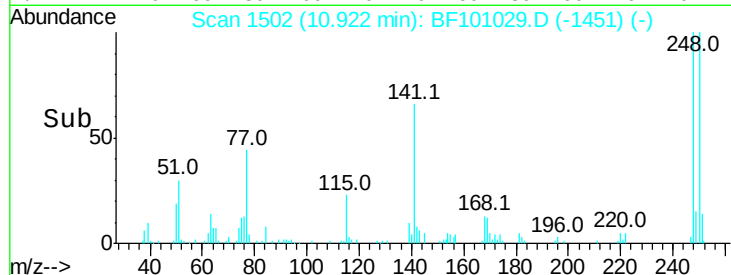
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



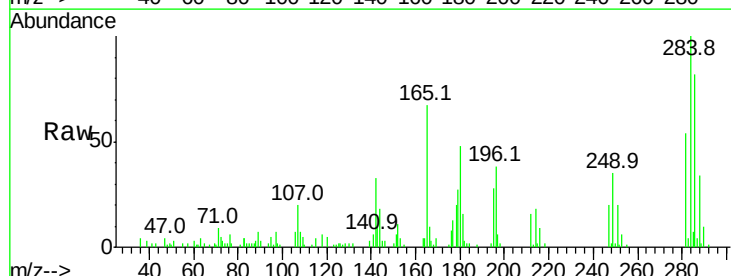
Sohil

12/1/2017 11:12:57 AM



#67
Hexachlorobenzene
Concen: 16.936 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	34.6	52.0
249	35.0	24.8	37.2

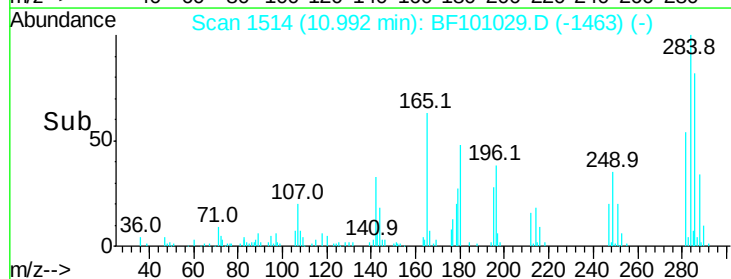
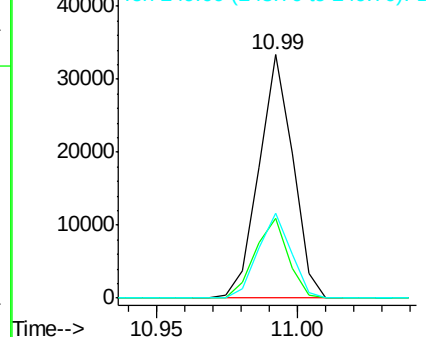


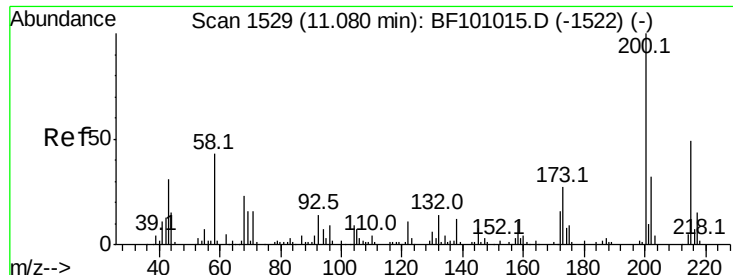
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



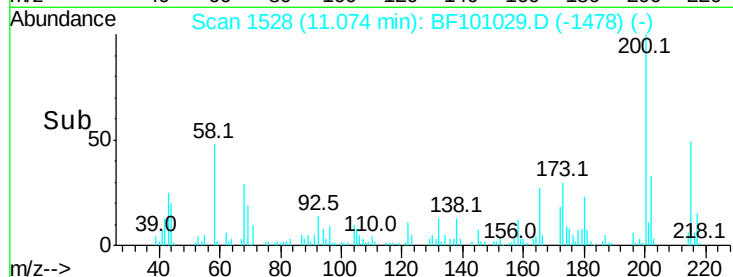
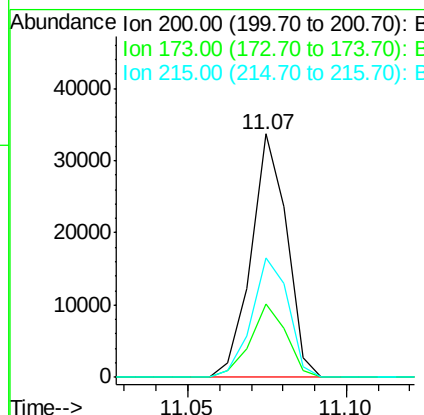
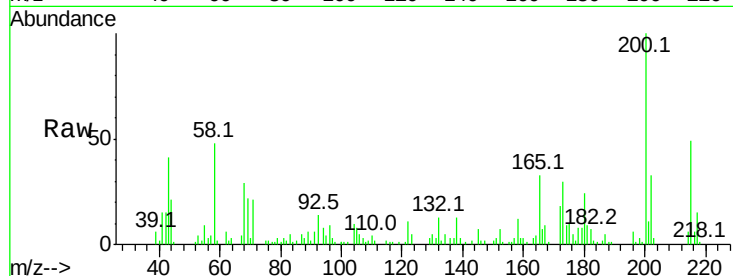


#68
Atrazine
Concen: 17.734 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

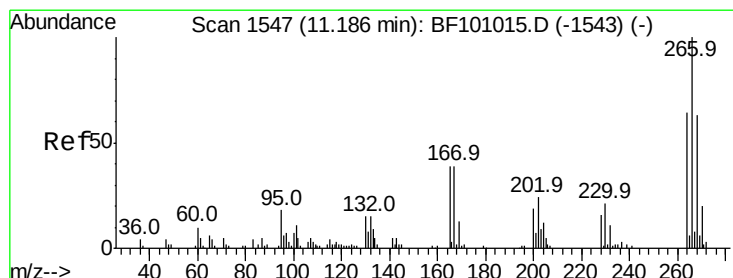
Tot Ion	Ratio	Lower	Upper
200	100		
173	30.2	8.6	48.6
215	49.0	25.1	65.1

Manual Integrations
APPROVED



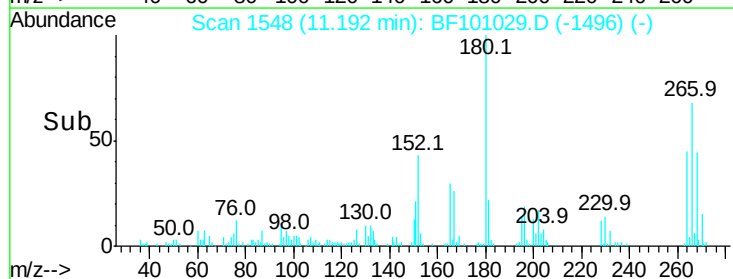
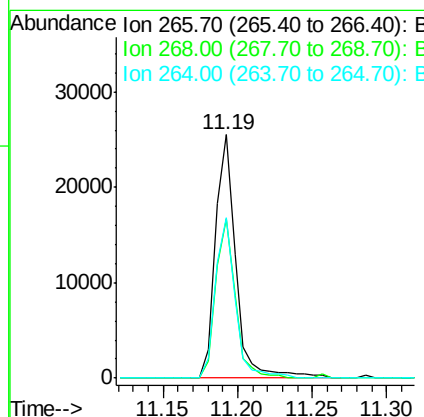
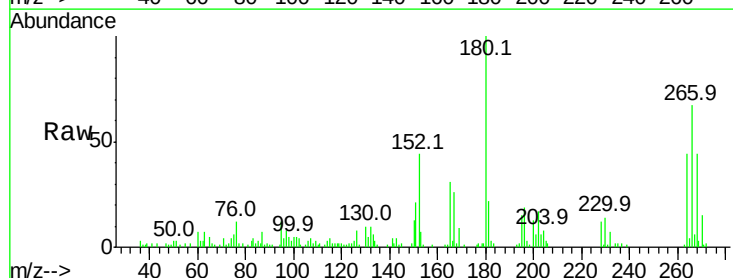
Sohil

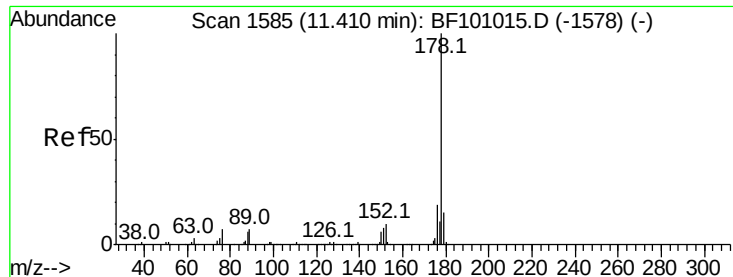
12/1/2017 11:12:57 AM



#69
Pentachlorophenol
Concen: 26.870 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.1	76.7
264	65.7	49.5	74.3



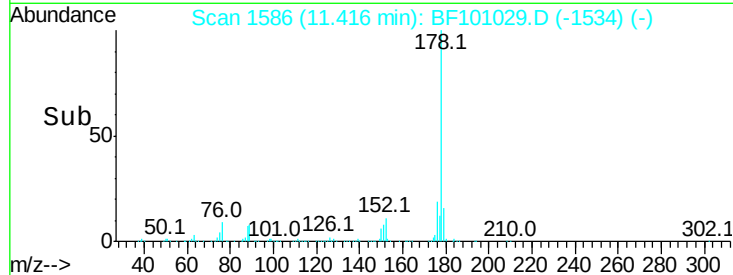
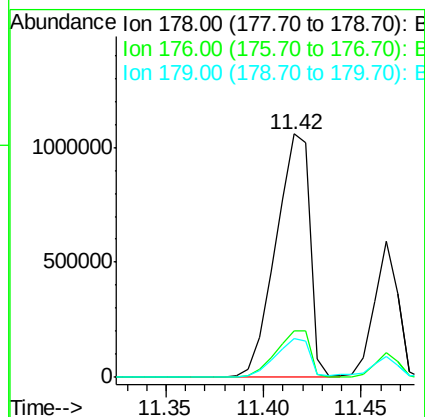
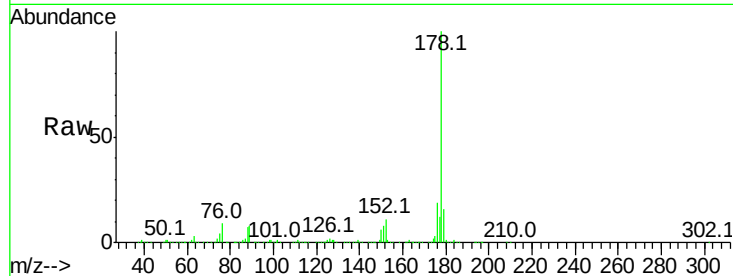


#70
Phenanthrene
Concen: 169.481 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

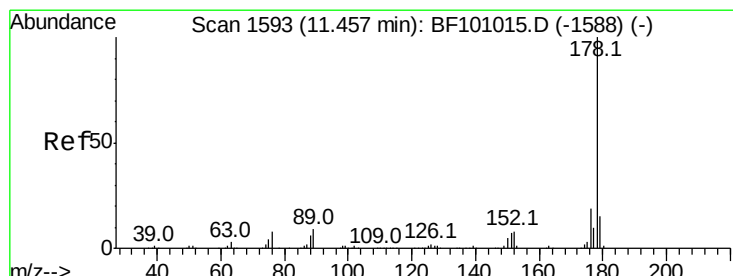
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.7	13.0	19.6

Manual Integrations
APPROVED



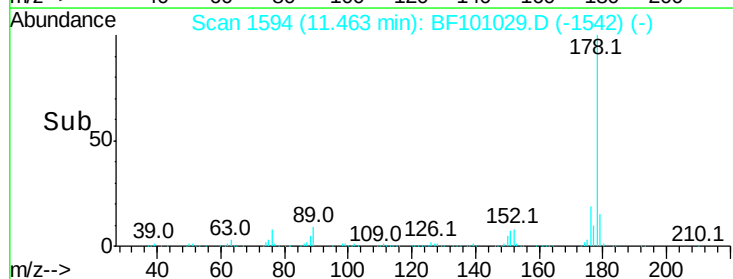
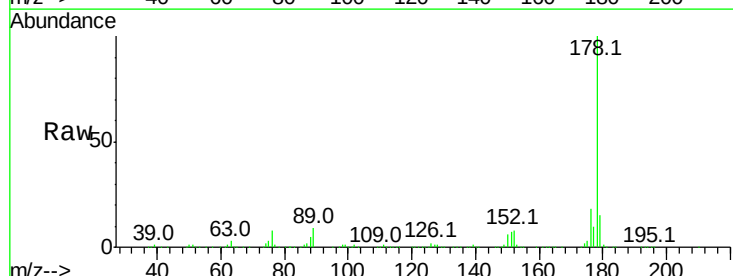
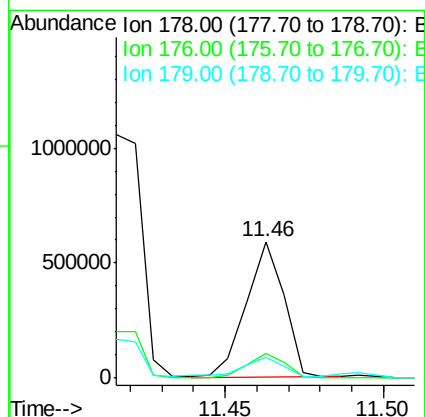
Sohil

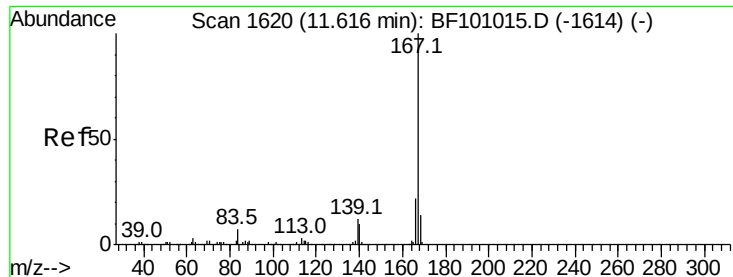
12/1/2017 11:12:57 AM



#71
Anthracene
Concen: 63.984 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.2	12.6	19.0





#72

Carbazole

Concen: 25.211 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

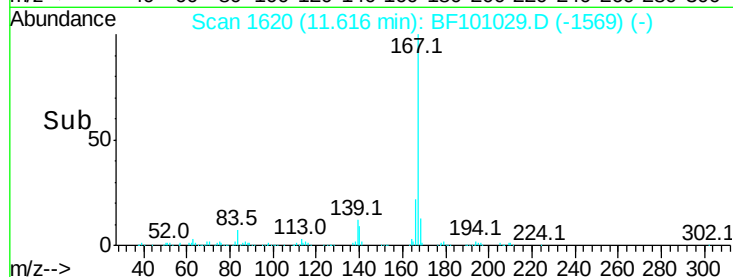
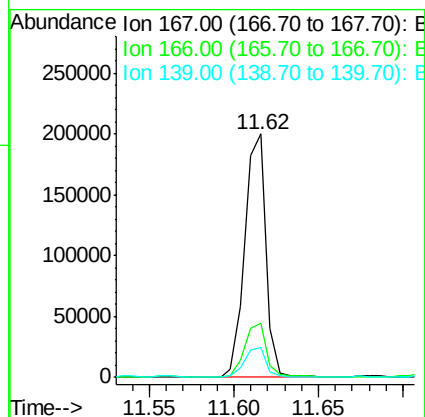
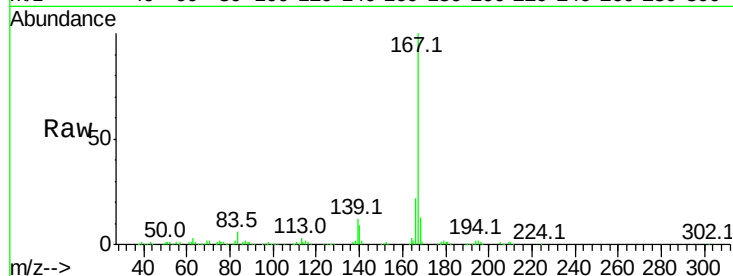
BNA_F

ClientSampleId :

SB-12(0-2)-20171127MSD

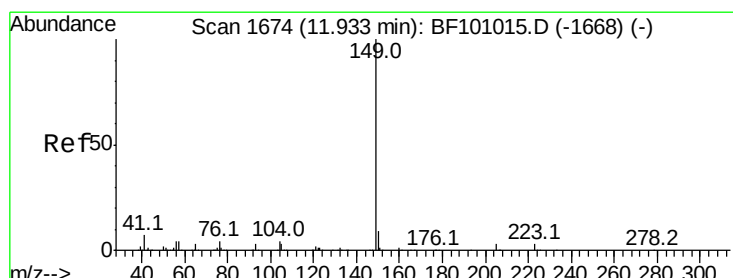
Tot Ion:	167	Resp:	175516
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.6	26.4
139	12.1	10.9	16.3

Manual Integrations
APPROVED



Sohil

12/1/2017 11:12:57 AM



#73

Di-n-butylphthalate

Concen: 17.443 ng

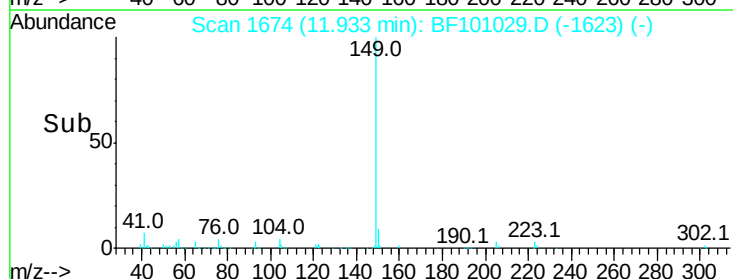
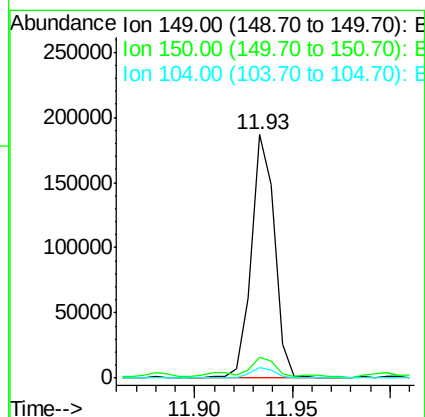
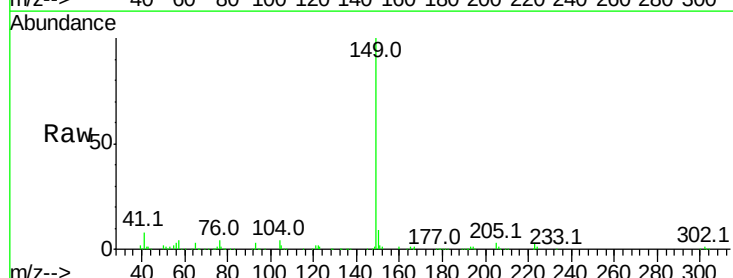
RT: 11.93 min Scan# 1674

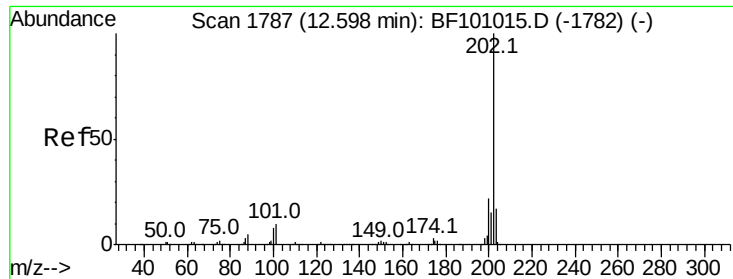
Delta R.T. 0.00 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Tgt Ion:	149	Resp:	152212
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.8	11.6
104	4.4	3.8	5.8



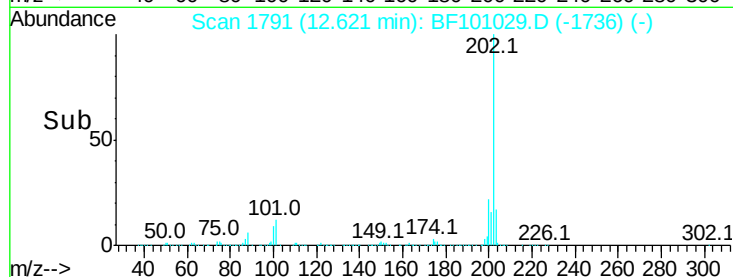
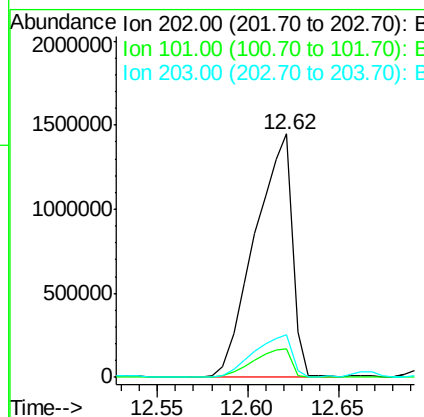
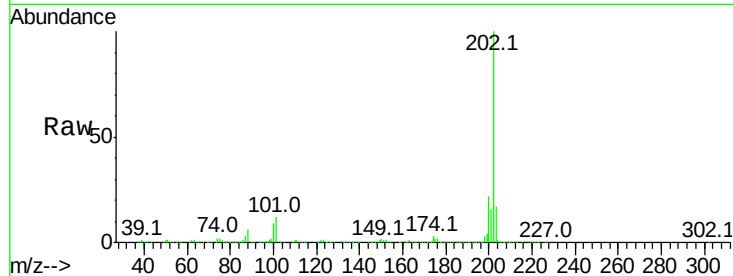


#74
 Fluoranthene
 Concen: 247.450 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.02 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(0-2)-20171127MSD

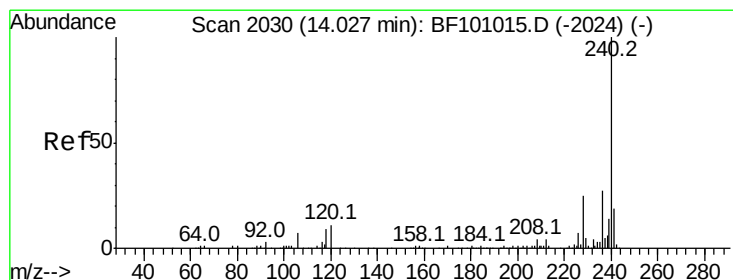
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	17.4	0.0	38.1

Manual Integrations
 APPROVED



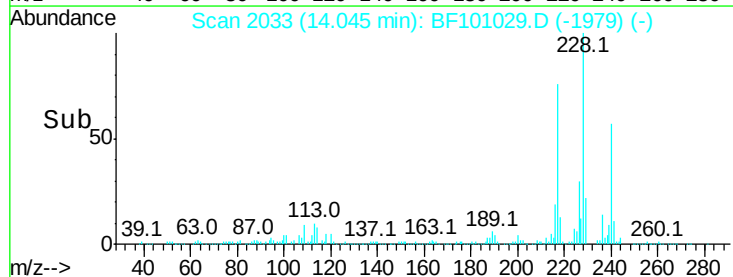
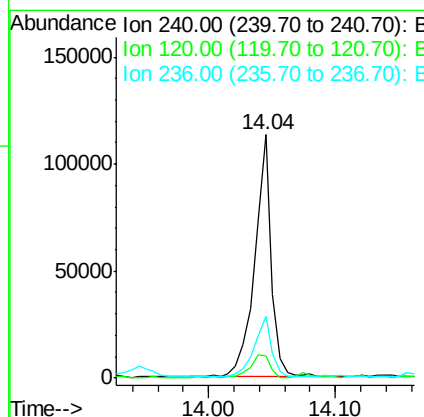
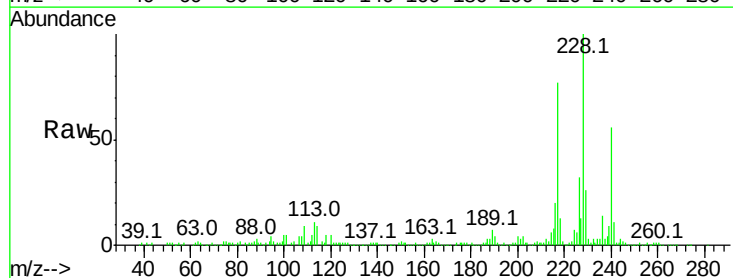
Sohil

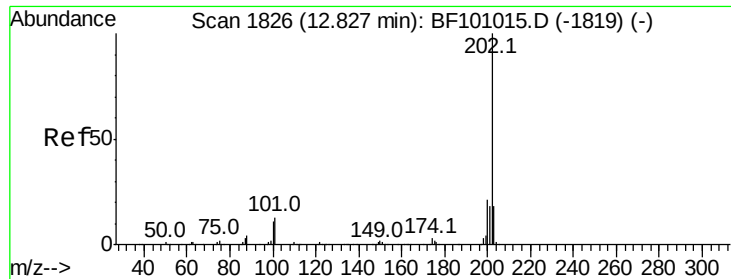
12/1/2017 11:12:57 AM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.02 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	25.4	20.7	31.1





#77

Pvrene

Concen: 265.899 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.02 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SB-12(0-2)-20171127MSD

Tot Ion:202 Resp: 1920379

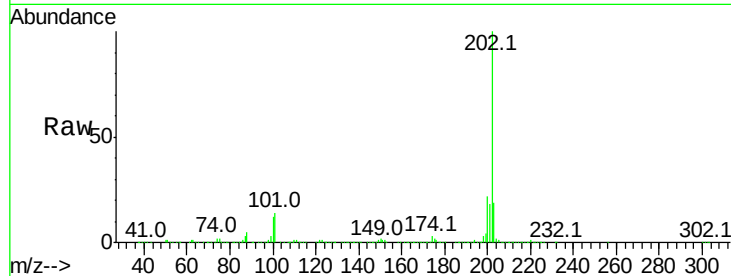
Ion Ratio Lower Upper

202 100

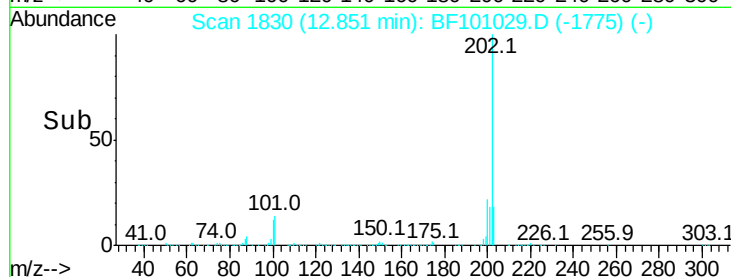
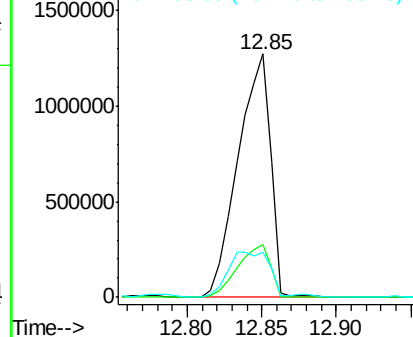
200 21.9 17.4 26.2

203 18.5 14.3 21.5

Manual Integrations
APPROVED

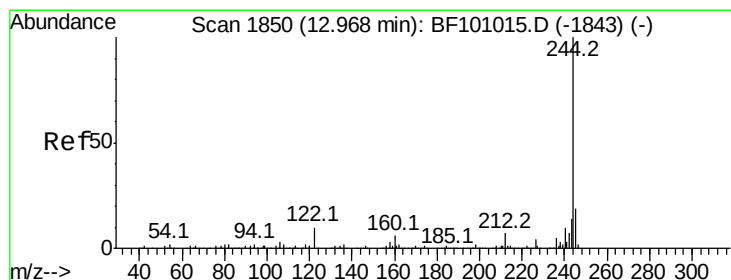


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Sohil

12/1/2017 11:12:57 AM



#78

Terphenyl-d14

Concen: 37.964 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF101029.D

Acq: 30 Nov 2017 20:38

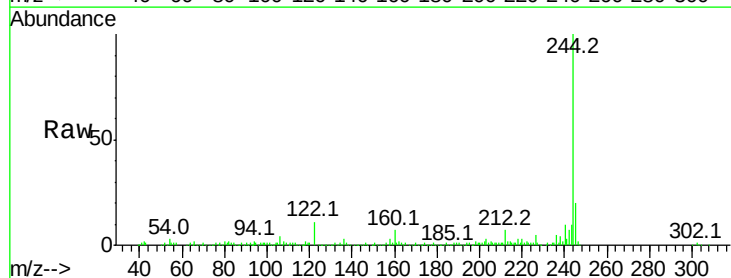
Tgt Ion:244 Resp: 181666

Ion Ratio Lower Upper

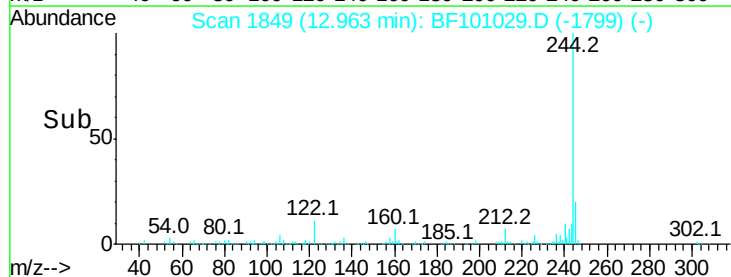
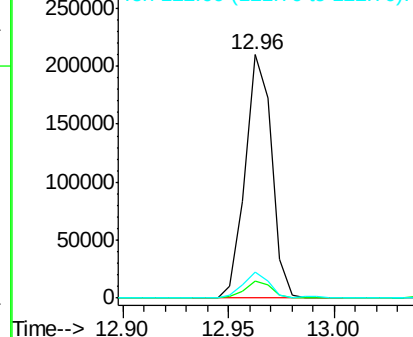
244 100

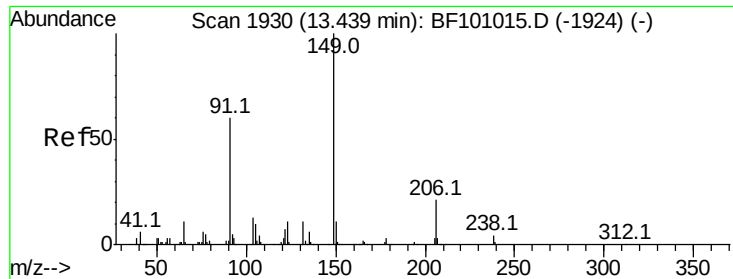
212 6.8 5.4 8.0

122 10.6 11.0 16.4#



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



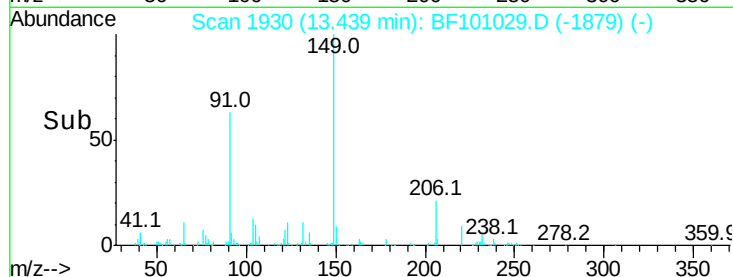
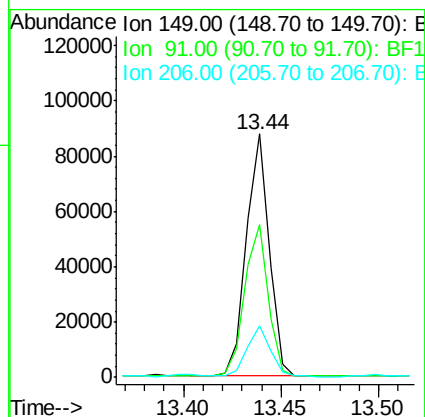
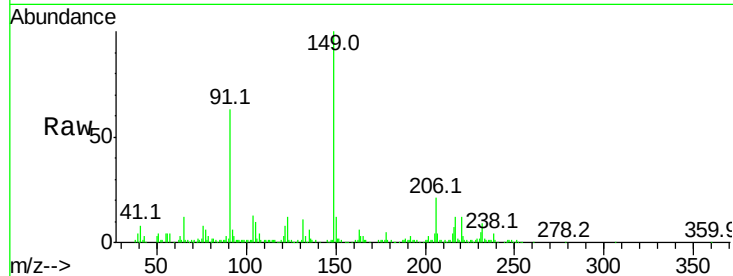


#79
Butylbenzylphthalate
Concen: 22.420 ng
RT: 13.44 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

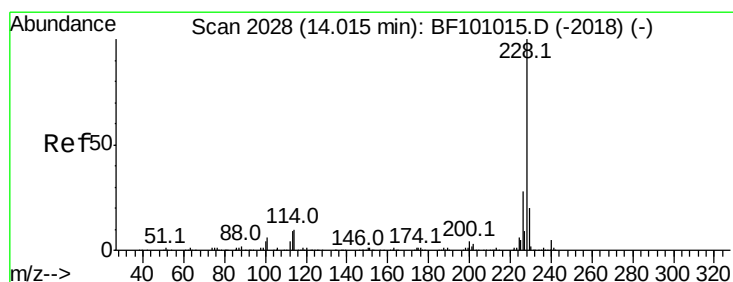
Tot Ion	Ratio	Lower	Upper
149	100		
91	62.9	56.8	85.2
206	21.4	14.1	21.1

Manual Integrations
APPROVED



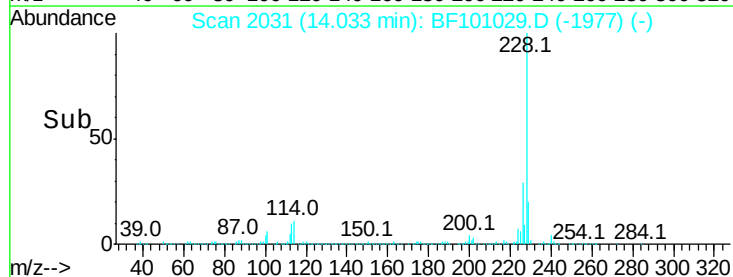
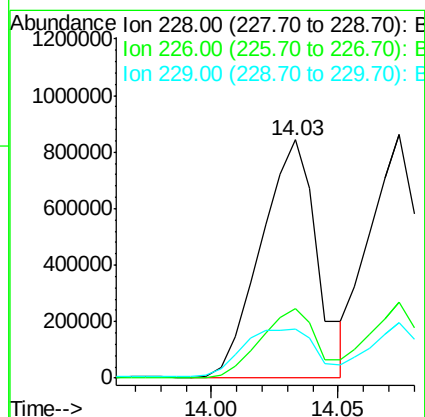
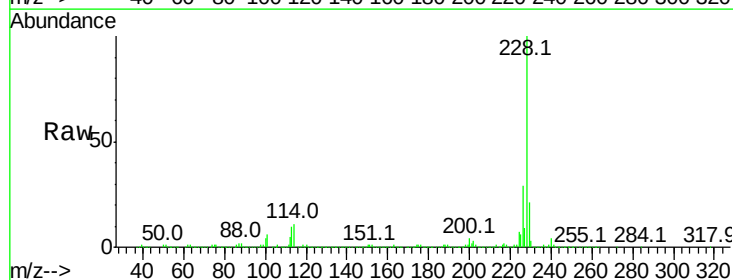
Sohil

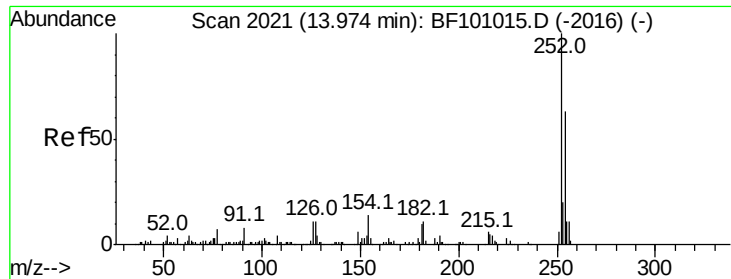
12/1/2017 11:12:57 AM



#80
Benzo(a)anthracene
Concen: 196.437 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.02 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	20.7	15.8	23.6



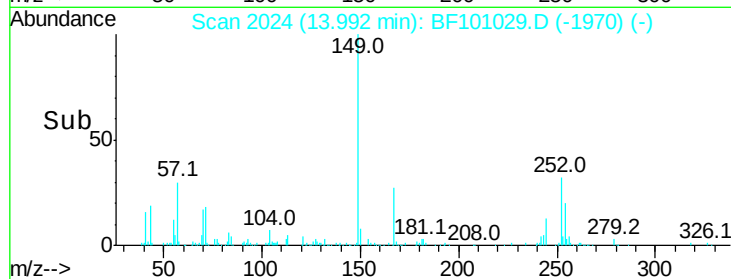
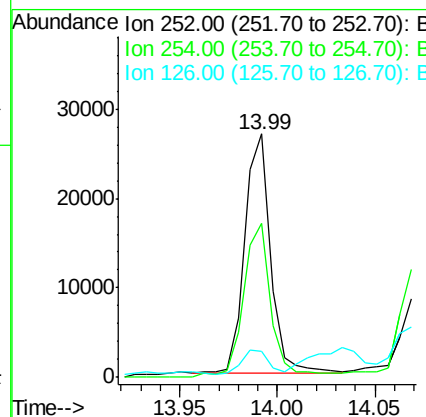
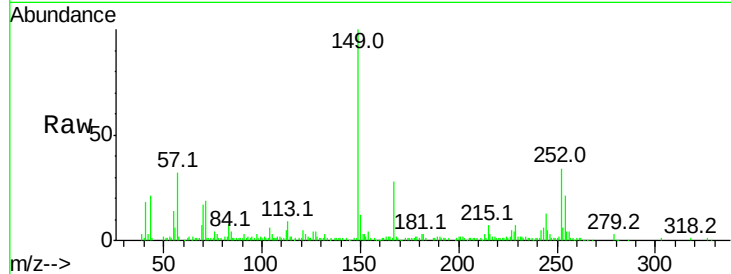


#81
 3,3'-Dichlorobenzidine
 Concen: 10.842 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.02 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(0-2)-20171127MSD

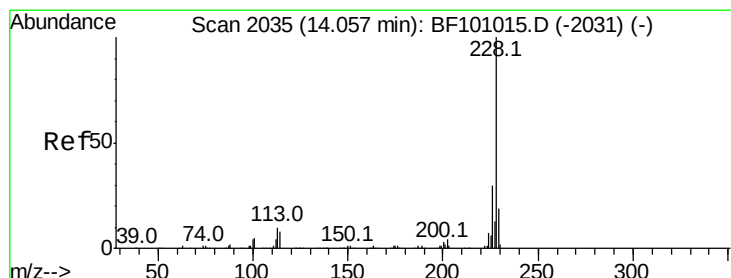
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.4	75.6
126	10.6	11.3	16.9

Manual Integrations
 APPROVED



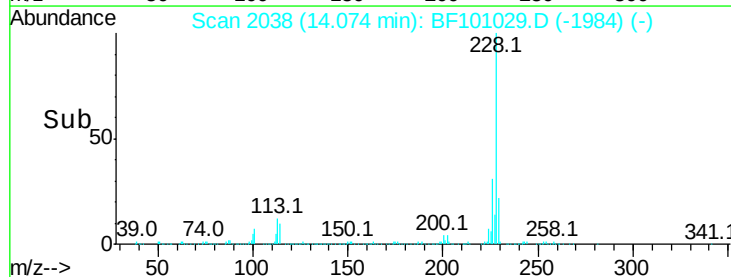
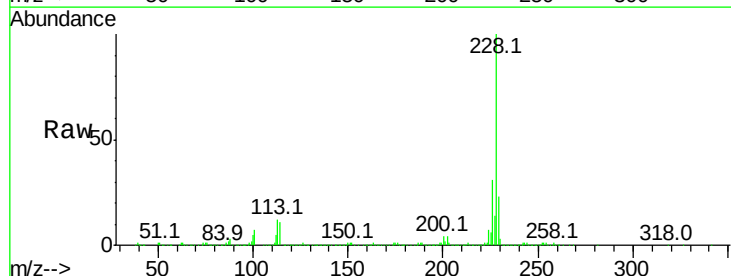
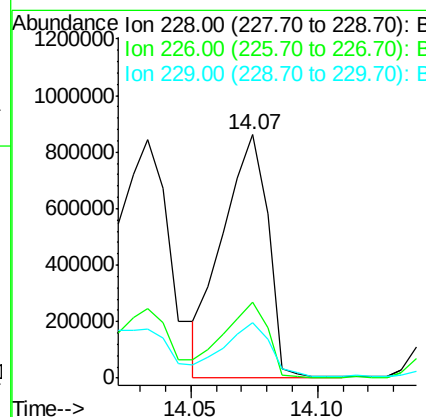
Sohil

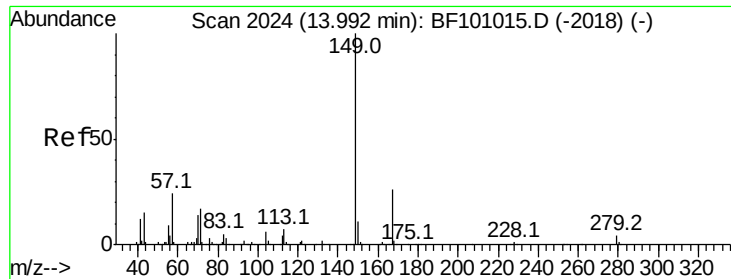
12/1/2017 11:12:57 AM



#82
 Chrysene
 Concen: 173.403 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.02 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	22.9	16.2	24.4



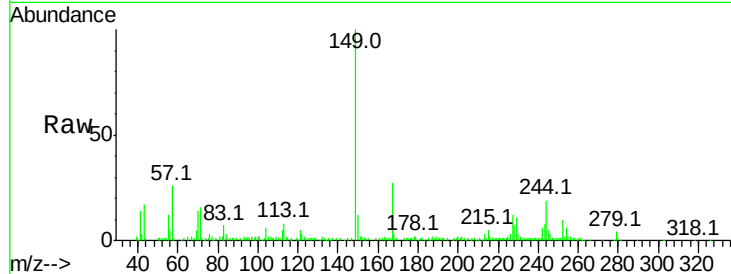


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 18.933 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

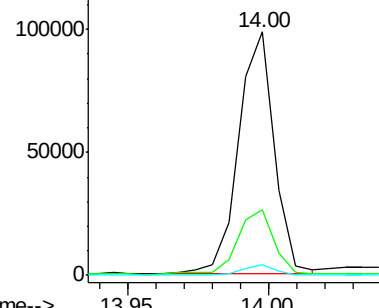
Instrument :
 BNA_F
 ClientSampleId :
 SB-12(0-2)-20171127MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	4.3	3.0	4.4

Manual Integrations
 APPROVED

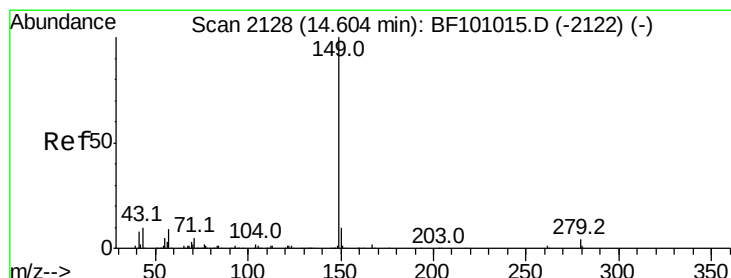
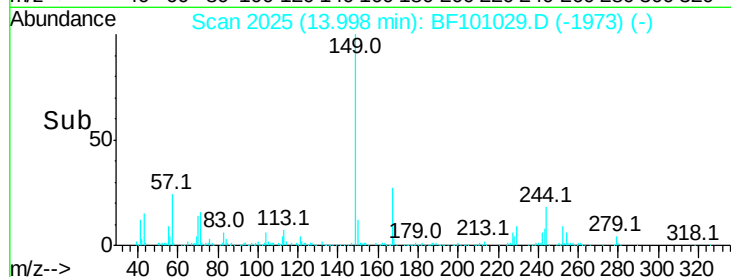


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



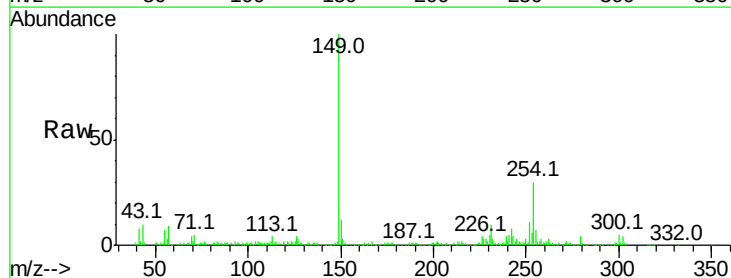
Sohil

12/1/2017 11:12:57 AM

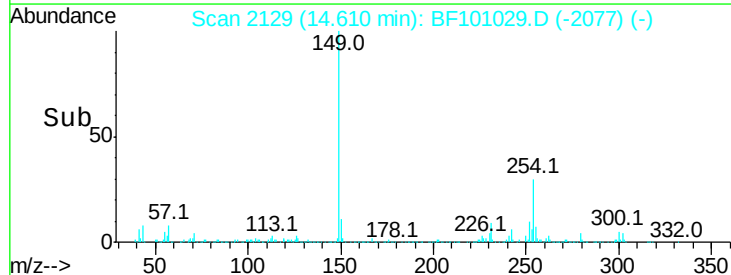
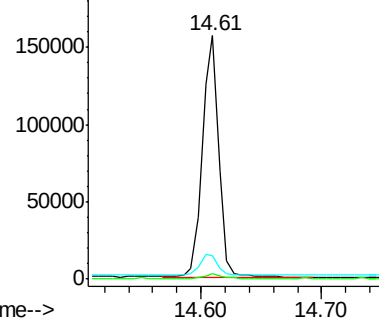


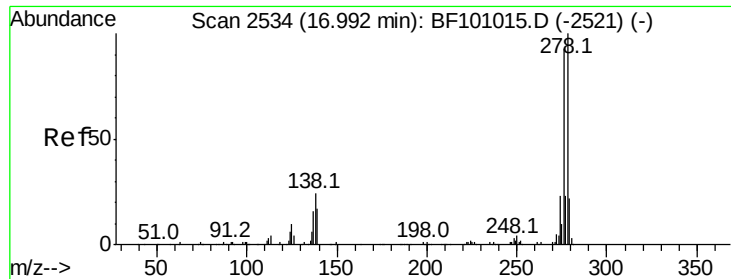
#84
 Di-n-octyl phthalate
 Concen: 19.763 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. 0.01 min
 Lab File: BF101029.D
 Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.2	1.8#
43	9.1	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1



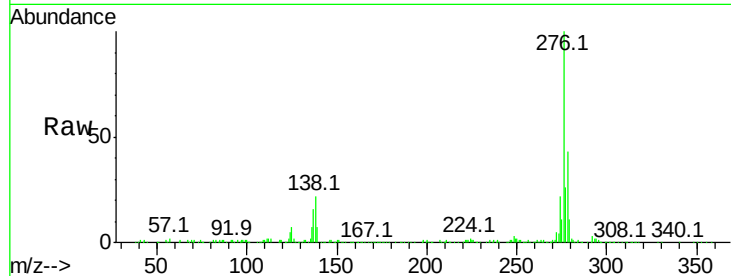


#85
Indeno(1,2,3-cd)pyrene
Concen: 88.591 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.03 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

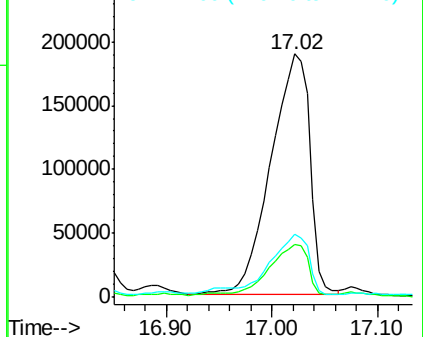
Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	25.0	37.6#
277	26.4	20.1	30.1

Manual Integrations
APPROVED

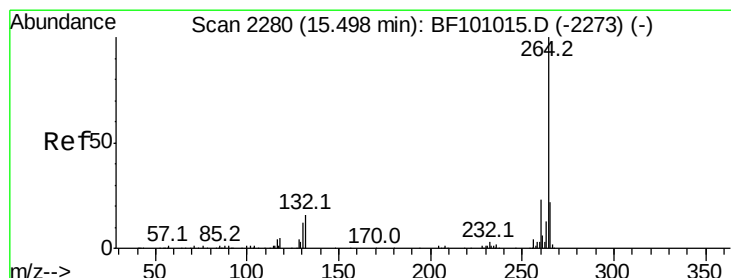
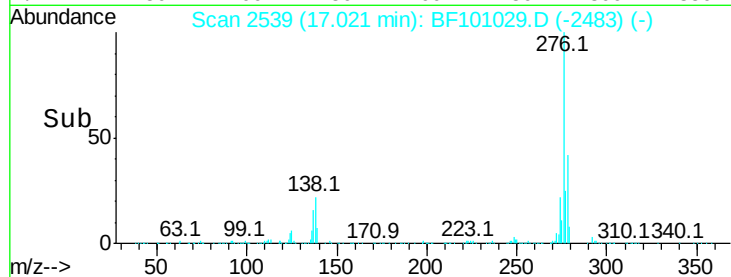


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



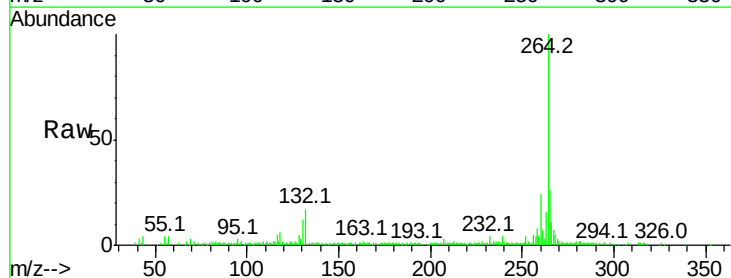
Sohil

12/1/2017 11:12:57 AM

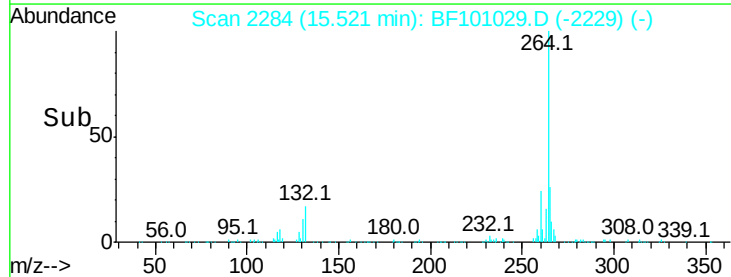
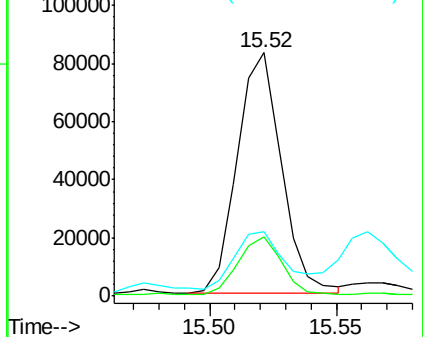


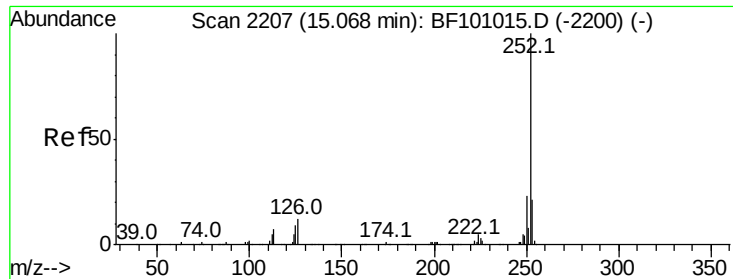
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	26.4	17.5	26.3#



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



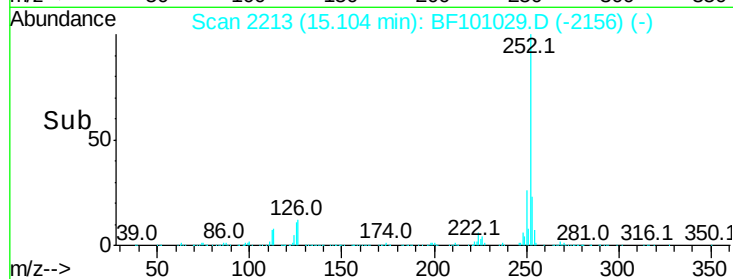
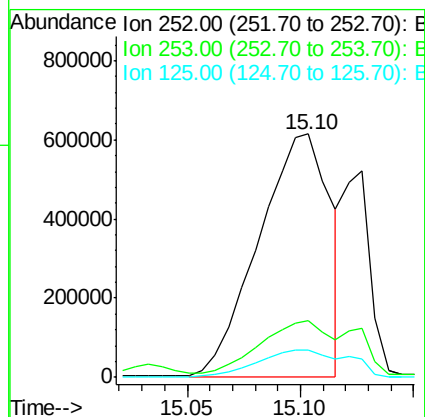
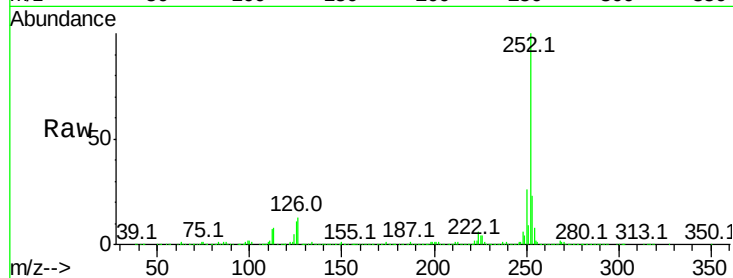


#87
Benzo(b)fluoranthene
Concen: 223.358 ng m
RT: 15.10 min Scan# 2213
Delta R.T. 0.04 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

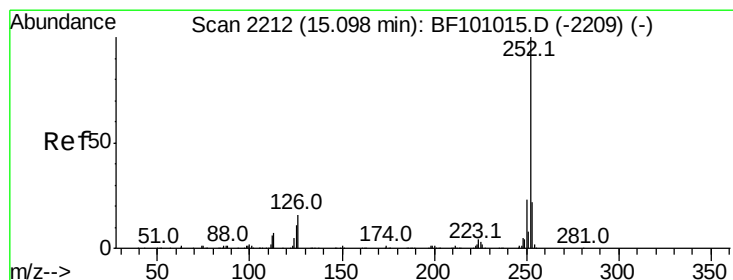
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	11.3	9.0	13.6

Manual Integrations
APPROVED



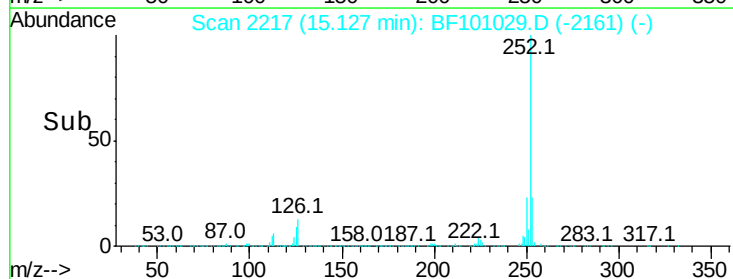
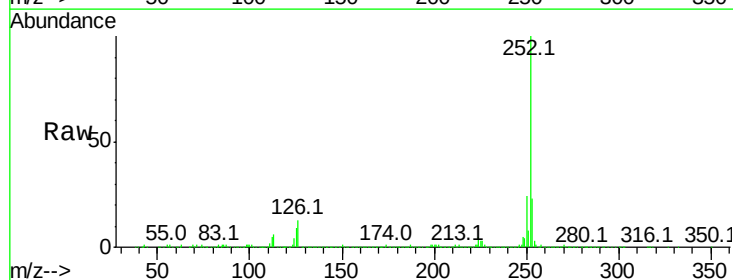
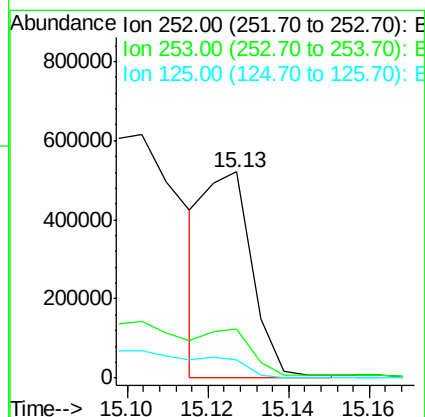
Sohil

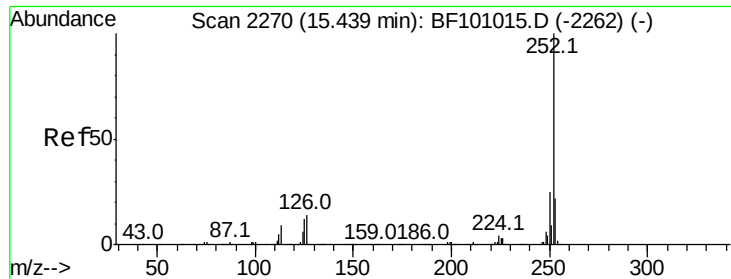
12/1/2017 11:12:57 AM



#88
Benzo(k)fluoranthene
Concen: 70.780 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.03 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	9.1	10.2	15.2#



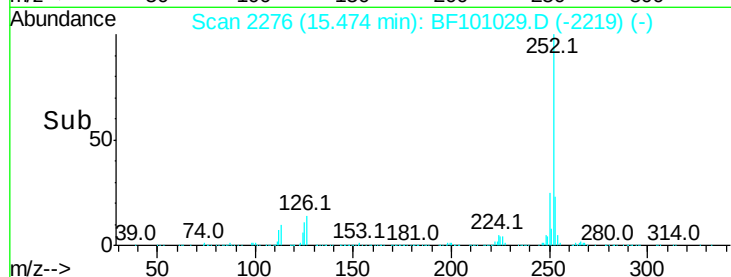
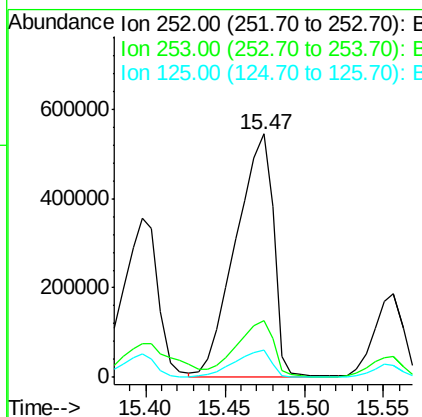
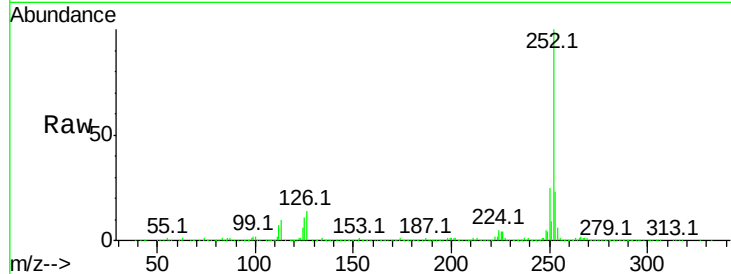


#89
Benzo(a)pyrene
Concen: 162.394 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.04 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

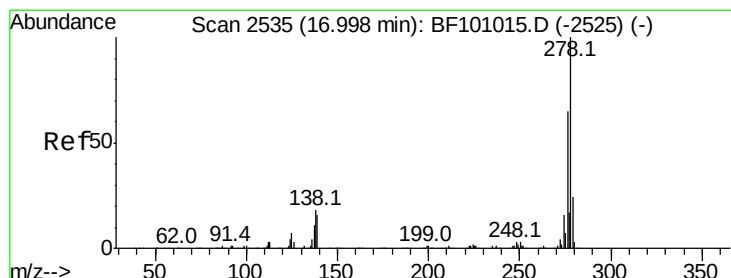
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	11.3	9.8	14.6

Manual Integrations
APPROVED



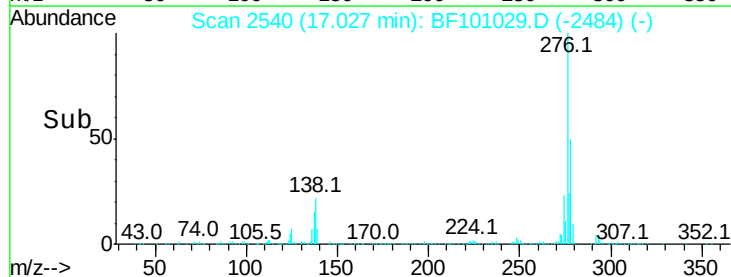
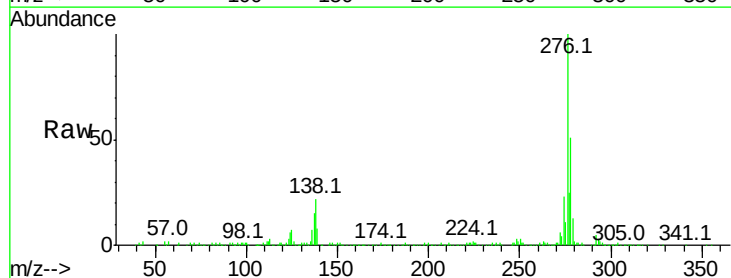
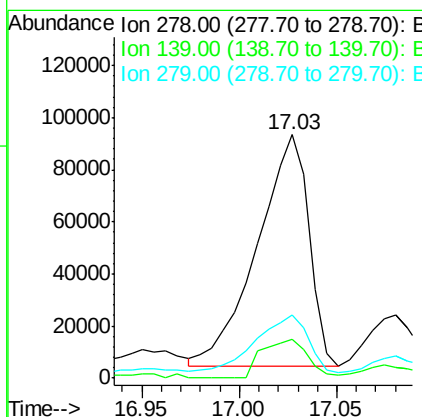
Sohil

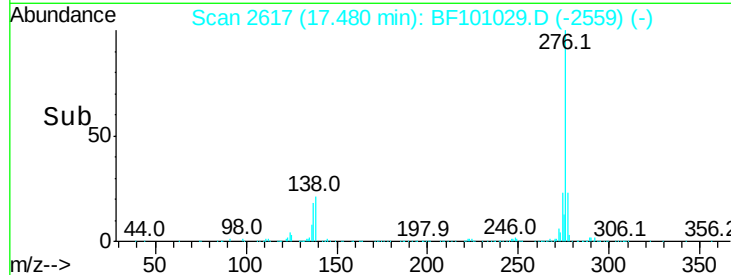
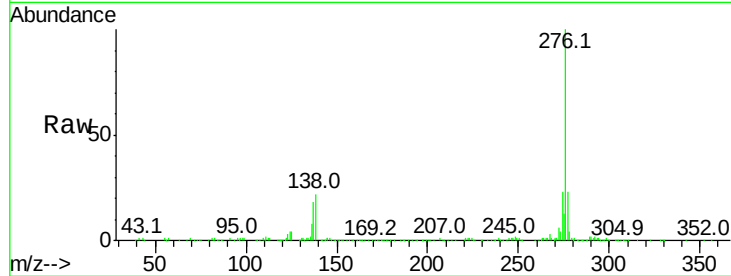
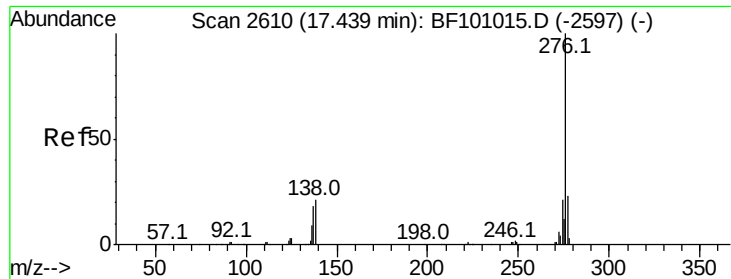
12/1/2017 11:12:57 AM



#90
Dibenzo(a,h)anthracene
Concen: 33.582 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.03 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	15.9	23.9
279	25.9	19.0	28.4



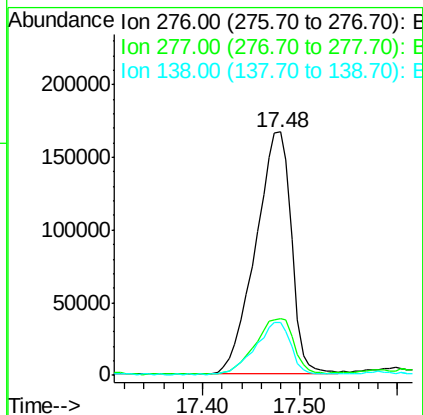


#91
Benzo(a,h,i)perylene
Concen: 93.657 ng
RT: 17.48 min Scan# 2617
Delta R.T. 0.04 min
Lab File: BF101029.D
Acq: 30 Nov 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	21.5	21.8	32.8

Manual Integrations
APPROVED



Sohil

12/1/2017 11:12:57 AM