

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100267.D
 Acq On : 6 Nov 2017 22:42
 Operator : SJ/JU
 Sample : I6332-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S22-0029MS

Manual Integrations
 APPROVED

Sohil

11/7/2017 5:39:57 PM

Quant Time: Nov 07 10:55:15 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	98037	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	404681	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	189238	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	328535	20.00	ng	0.00
75) Chrysene-d12	13.94	240	187952	20.00	ng	0.00
86) Perylene-d12	15.40	264	177393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	371691	59.52	ng	0.02
7) Phenol-d6	6.42	99	262103	35.40	ng	0.00
23) Nitrobenzene-d5	7.34	82	524019	83.37	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	202506	117.42	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1039958	84.79	ng	0.00
78) Terphenyl-d14	12.87	244	887361	103.18	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.50	88	40217	14.584	ng	# 87
3) Pyridine	3.36	79	57955m	8.740	ng	
4) n-Nitrosodimethylamine	3.27	42	32489m	13.714	ng	# 79
6) Aniline	6.44	93	151210	15.750	ng	
8) 2-Chlorophenol	6.56	128	231886	34.842	ng	92
9) Benzaldehyde	6.53	77	12201	2.758	ng	90
10) Phenol	6.43	94	95103	11.699	ng	# 1
11) bis(2-Chloroethyl)ether	6.50	93	255131	40.641	ng	93
12) 1,3-Dichlorobenzene	6.70	146	279382m	37.387	ng	98
13) 1,4-Dichlorobenzene	6.77	146	284957	37.572	ng	
14) 1,2-Dichlorobenzene	6.93	146	263228	38.082	ng	96
15) Benzyl Alcohol	6.92	79	123210	26.166	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	329721	47.282	ng	92
17) 2-Methylphenol	7.04	107	152595	27.411	ng	# 91
18) Hexachloroethane	7.26	117	90380	35.719	ng	93
19) n-Nitroso-di-n-propylamine	7.18	70	181077	41.732	ng	89
20) 3+4-Methylphenols	7.20	107	188240	29.040	ng	96
22) Acetophenone	7.18	105	381946	41.452	ng	# 90
24) Nitrobenzene	7.36	77	269399	42.536	ng	89
25) Isophorone	7.59	82	505500	44.319	ng	97
26) 2-Nitrophenol	7.67	139	154446	42.576	ng	91
27) 2,4-Dimethylphenol	7.71	122	276259	51.687	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	346985	43.438	ng	99
29) 2,4-Dichlorophenol	7.93	162	235233	42.367	ng	95
30) 1,2,4-Trichlorobenzene	7.99	180	225377	37.990	ng	99
31) Naphthalene	8.06	128	777347	39.794	ng	99
32) Benzoic acid	7.86	122	35699	7.588	ng	100
33) 4-Chloroaniline	8.14	127	128348	15.912	ng	# 93
34) Hexachlorobutadiene	8.16	225	105568	34.596	ng	98
35) Caprolactam	8.57	113	11608m	6.648	ng	93
36) 4-Chloro-3-methylphenol	8.62	107	219038	38.651	ng	
37) 2-Methylnaphthalene	8.76	142	547903	41.854	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	229757	37.592	ng	# 98
40) Hexachlorocyclopentadiene	8.89	237	28505	33.890	ng	96

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Manual Integrations
 APPROVED

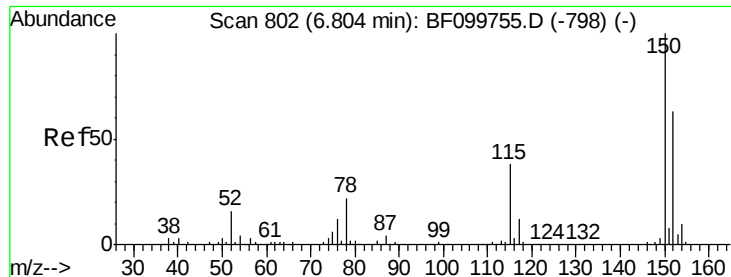
Sohil

11/7/2017 5:39:57 PM

Quant Time: Nov 07 10:55:15 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	150145	40.613	ng	99
43) 2,4,5-Trichlorophenol	9.10	196	139409	35.535	ng	# 94
45) 1,1'-Biphenyl	9.22	154	662939	38.725	ng	97
46) 2-Chloronaphthalene	9.25	162	514362	41.372	ng	97
47) 2-Nitroaniline	9.36	65	136806	41.926	ng	90
48) Acenaphthylene	9.66	152	779245	40.694	ng	99
49) Dimethylphthalate	9.53	163	598170	39.915	ng	99
50) 2,6-Dinitrotoluene	9.60	165	133548	42.390	ng	# 86
51) Acenaphthene	9.83	154	463630	39.625	ng	99
52) 3-Nitroaniline	9.79	138	66083	17.802	ng	88
53) 2,4-Dinitrophenol	9.91	184	108158	86.452	ng	# 84
54) Dibenzofuran	10.00	168	710769	43.036	ng	99
56) 2,4-Dinitrotoluene	10.02	165	187872	49.518	ng	# 80
57) Fluorene	10.35	166	570738	41.737	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	126591	46.022	ng	# 85
59) Diethylphthalate	10.22	149	582533	39.805	ng	98
60) 4-Chlorophenyl-phenylether	10.33	204	262470	40.783	ng	94
61) 4-Nitroaniline	10.40	138	130786	36.928	ng	84
62) Azobenzene	10.50	77	498268	40.616	ng	88
64) 4,6-Dinitro-2-methylphenol	10.44	198	66353	32.129	ng	# 76
65) n-Nitrosodiphenylamine	10.46	169	500460	41.266	ng	99
66) 4-Bromophenyl-phenylether	10.82	248	152571	44.113	ng	93
67) Hexachlorobenzene	10.90	284	153095	43.266	ng	95
68) Atrazine	10.99	200	150981	41.444	ng	99
69) Pentachlorophenol	11.11	266	97045	64.185	ng	97
70) Phenanthrene	11.32	178	794486	42.851	ng	98
71) Anthracene	11.37	178	822981	43.729	ng	99
72) Carbazole	11.53	167	756033	42.719	ng	99
73) Di-n-butylphthalate	11.84	149	915837	40.572	ng	# 97
74) Fluoranthene	12.51	202	779084	40.434	ng	97
76) Benzidine	12.64	184	137597	16.731	ng	97
77) Pyrene	12.74	202	770985	53.946	ng	98
79) Butylbenzylphthalate	13.34	149	348415	49.507	ng	# 85
80) Benzo(a)anthracene	13.93	228	499563	41.928	ng	99
81) 3,3'-Dichlorobenzidine	13.89	252	101402	23.445	ng	100
82) Chrysene	13.97	228	487744	43.542	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	437366	44.254	ng	98
84) Di-n-octyl phthalate	14.50	149	618576	36.466	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.87	276	515919	50.171	ng	97
87) Benzo(b)fluoranthene	14.98	252	429953	38.383	ng	98
88) Benzo(k)fluoranthene	15.01	252	462397	43.777	ng	99
89) Benzo(a)pyrene	15.34	252	449683	44.691	ng	99
90) Dibenzo(a,h)anthracene	16.86	278	435292	48.686	ng	97
91) Benzo(g,h,i)perylene	17.32	276	447168	51.121	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

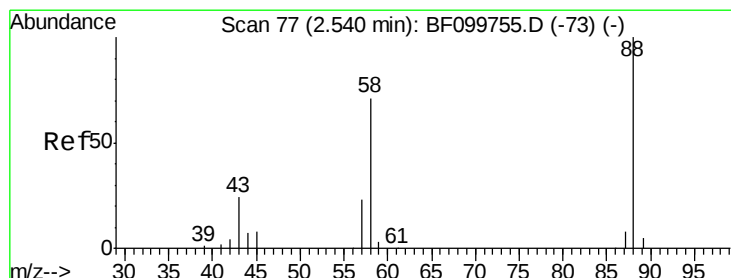
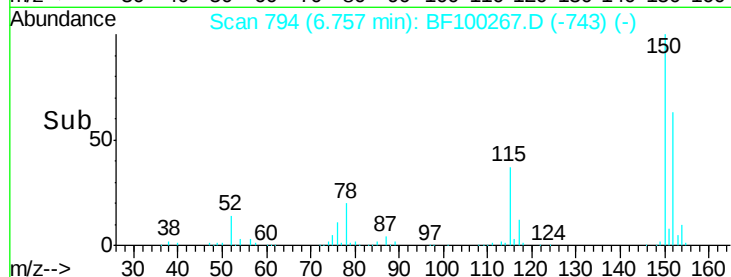
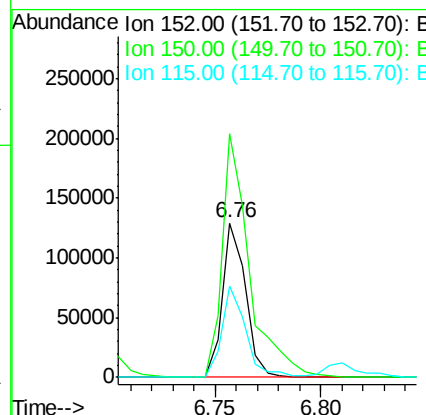
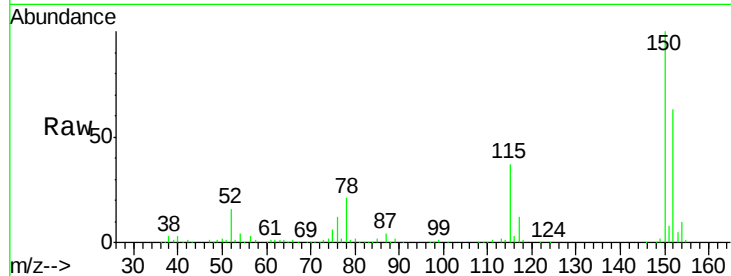
Instrument :
 BNA_F
 ClientSampled :
 S22-0029MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	58.9	50.1	75.1

Manual Integrations
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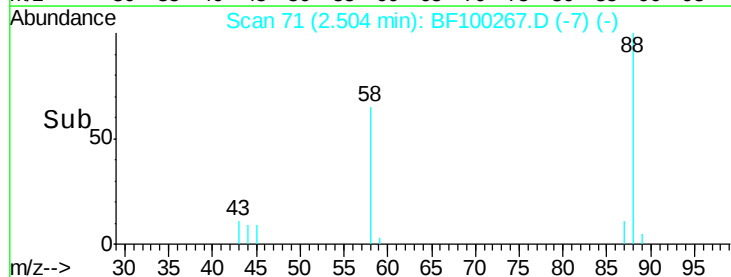
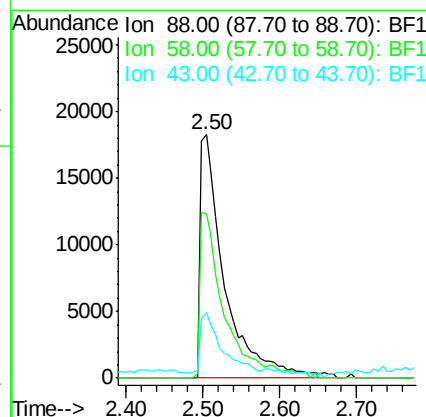
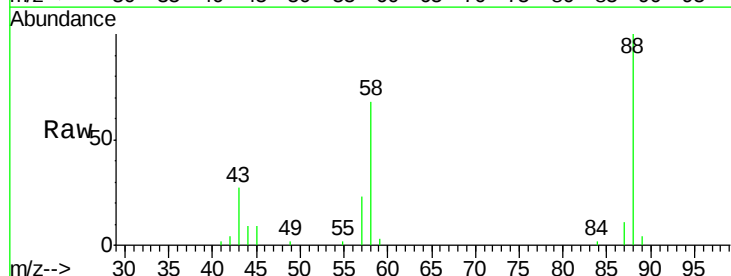
Sohil

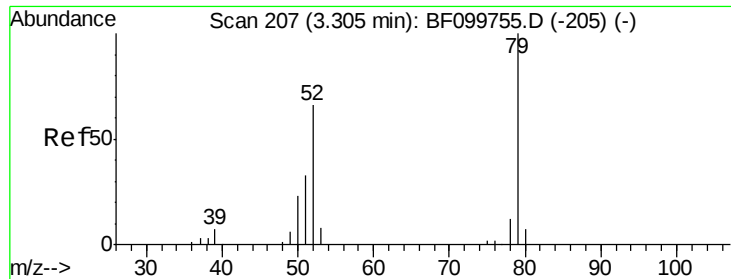
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#2
 1,4-Dioxane
 Concen: 14.584 ng
 RT: 2.50 min Scan# 71
 Delta R.T. 0.08 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	62.6	93.8
43	20.6	24.6	37.0





#3
 Pyridine
 Concen: 8.740 ng m
 RT: 3.36 min Scan# 216
 Delta R.T. 0.17 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

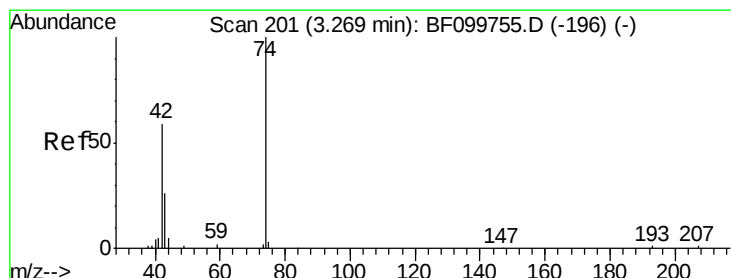
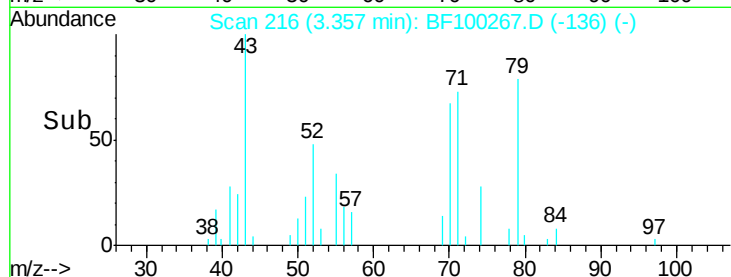
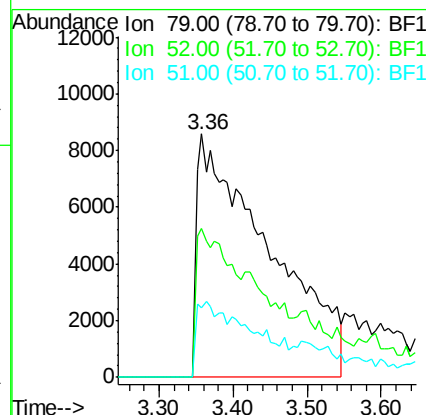
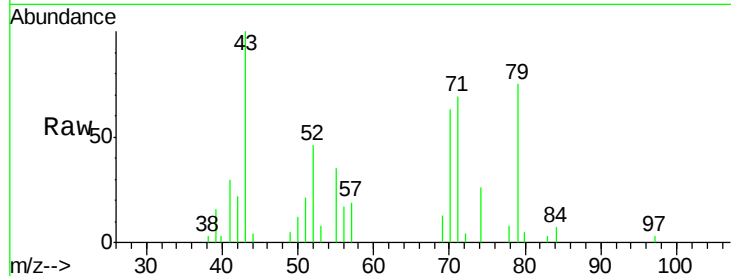
Instrument :
 BNA_F
 ClientSampleId :
 S22-0029MS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	61.2	59.8	89.6
51	28.6	29.8	44.8#

Manual Integrations
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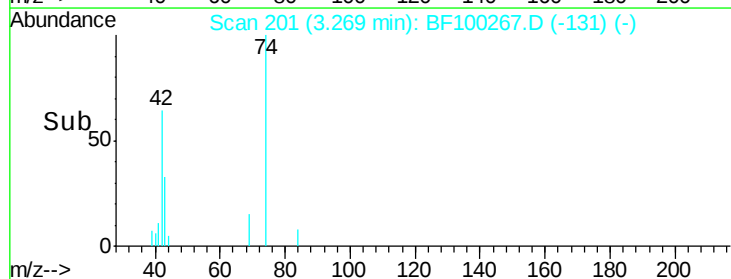
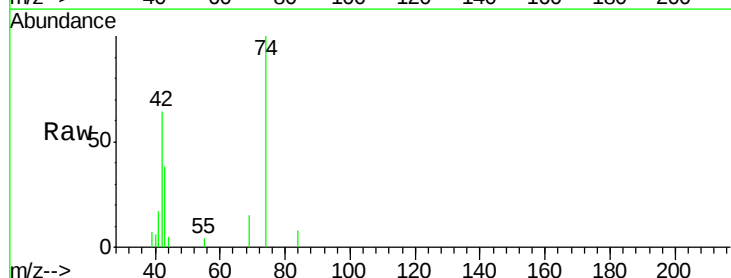
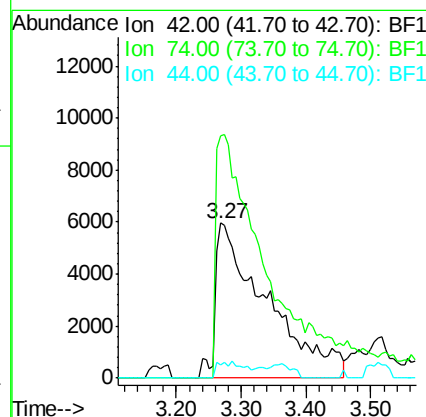
Sohil

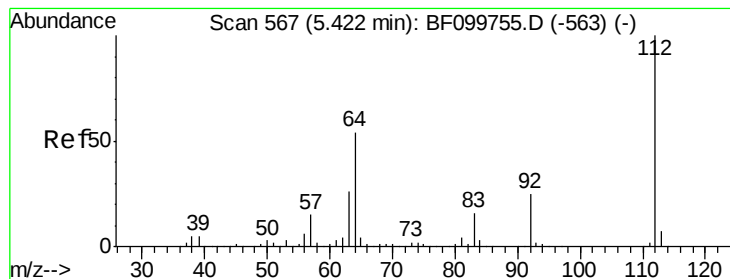
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#4
 n-Nitrosodimethylamine
 Concen: 13.714 ng m
 RT: 3.27 min Scan# 201
 Delta R.T. 0.11 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
42	100		
74	156.3	104.9	157.3
44	8.5	6.9	10.3





#5

2-Fluorophenol

Concen: 59.523 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.02 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampled :

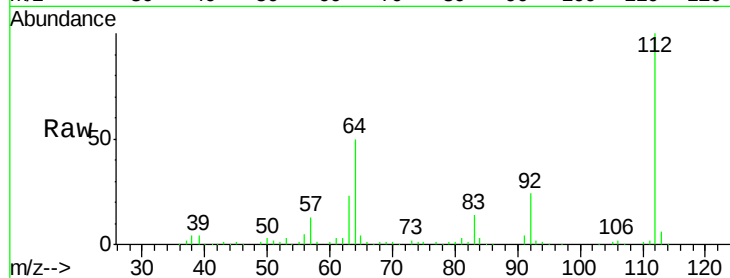
S22-0029MS

Tgt Ion:	112	Resp:	371691
Ion Ratio	Lower	Upper	
112	100		
64	49.8	47.9	71.9
63	22.7	23.7	35.5#

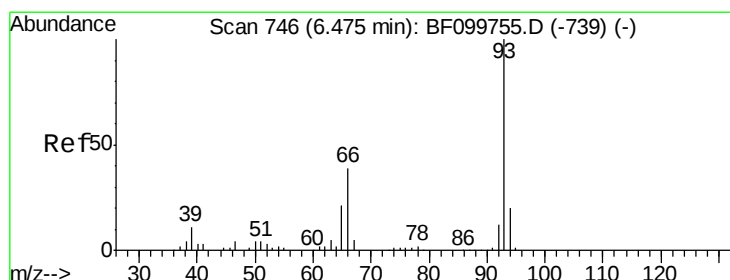
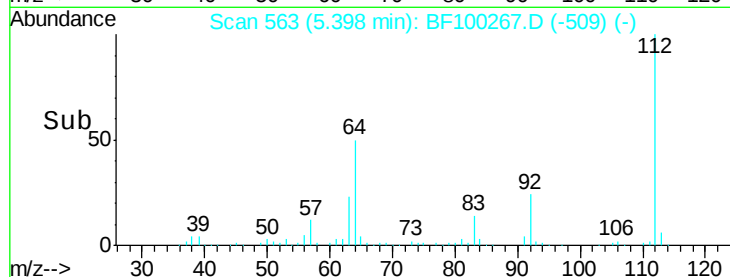
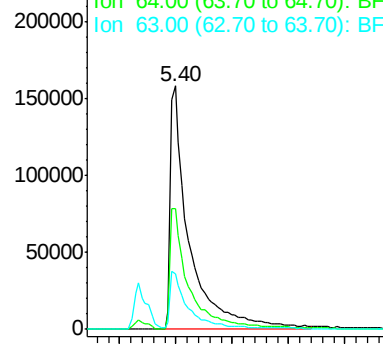
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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 15.750 ng

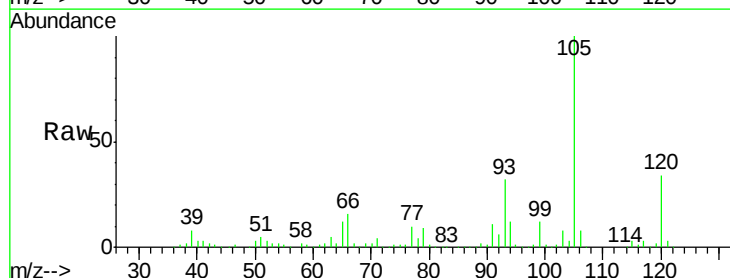
RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

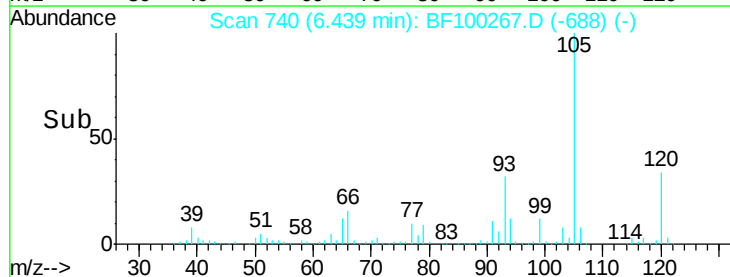
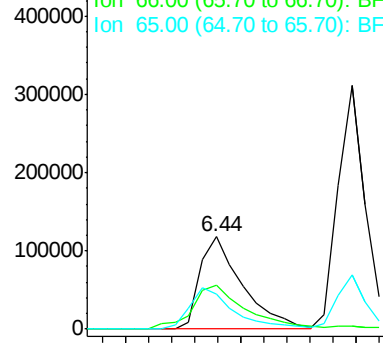
Lab File: BF100267.D

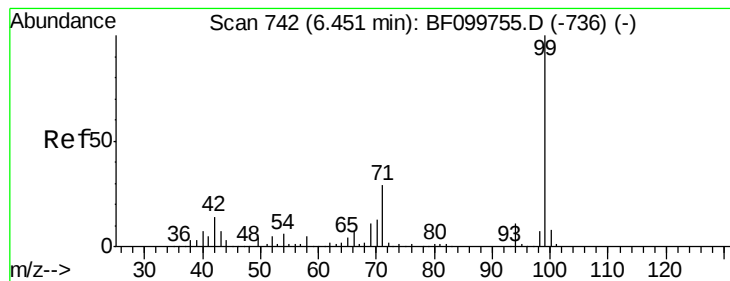
Acq: 6 Nov 2017 22:42

Tgt Ion:	93	Resp:	151210
Ion Ratio	Lower	Upper	
93	100		
66	48.1	32.2	48.2
65	37.4	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 35.399 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampled :

S22-0029MS

Tgt Ion: 99 Resp: 262103
Ion Ratio Lower Upper

99 100

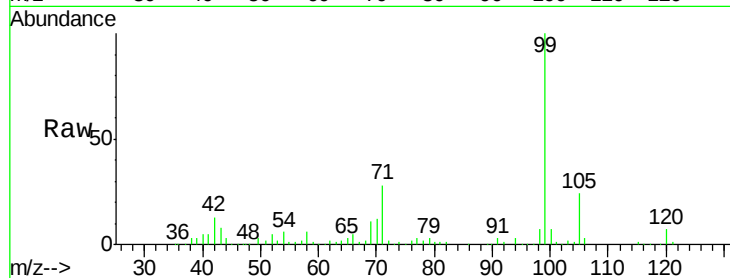
42 13.5 14.5 21.7#

71 28.1 25.4 38.0

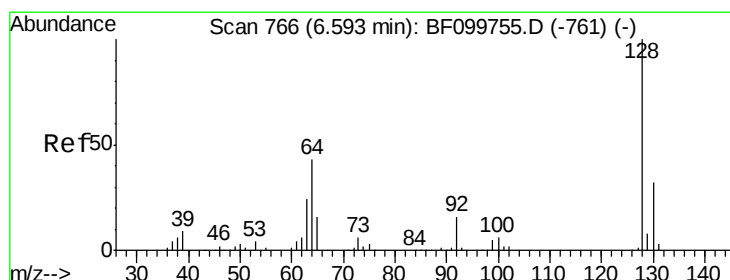
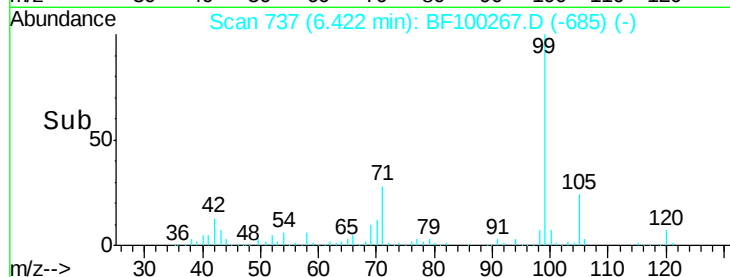
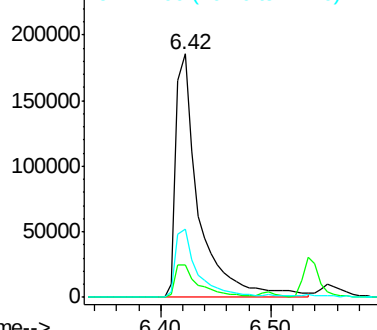
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.842 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF100267.D

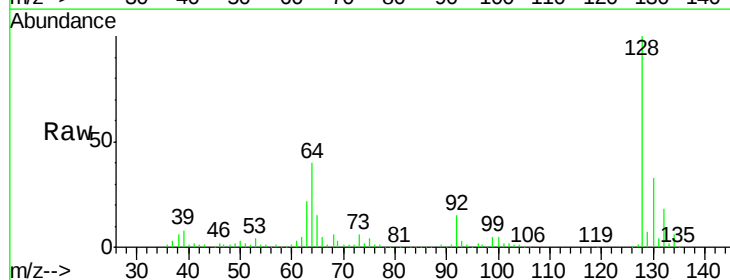
Acq: 6 Nov 2017 22:42

Tgt Ion: 128 Resp: 231886
Ion Ratio Lower Upper

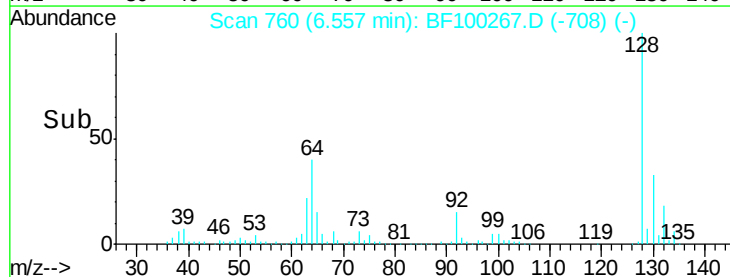
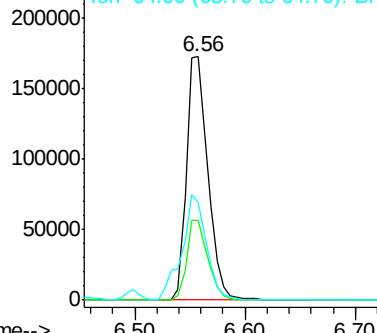
128 100

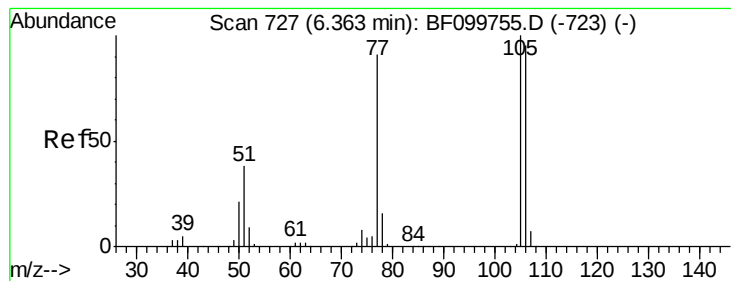
130 32.8 13.0 53.0

64 40.0 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 2.758 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.21 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

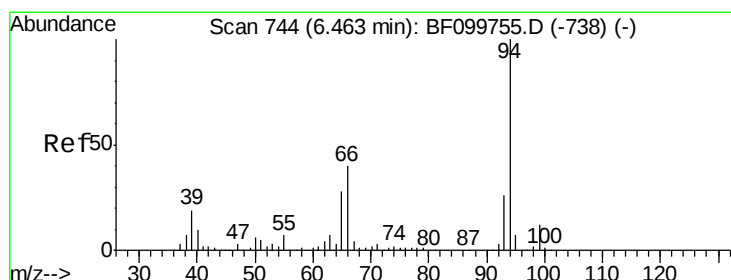
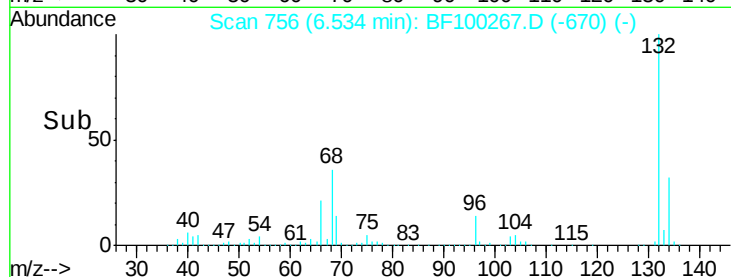
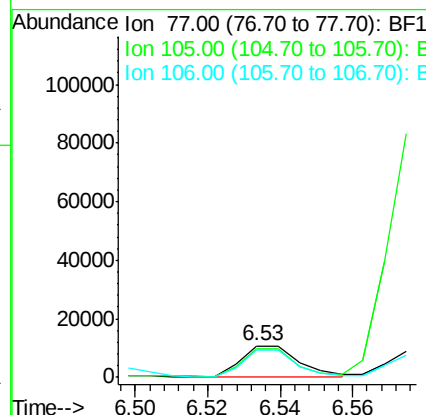
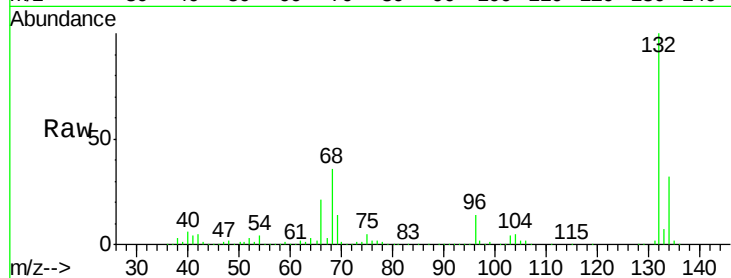
S22-0029MS

Tgt Ion:	77	Resp:	12201
Ion	Ratio	Lower	Upper
77	100		
105	90.0	81.1	121.1
106	84.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 11.699 ng

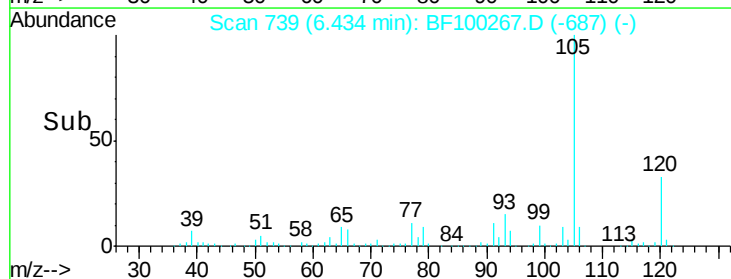
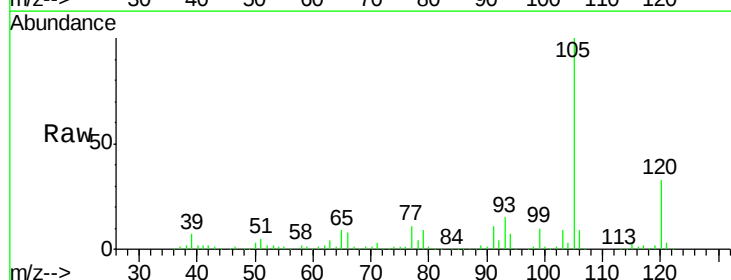
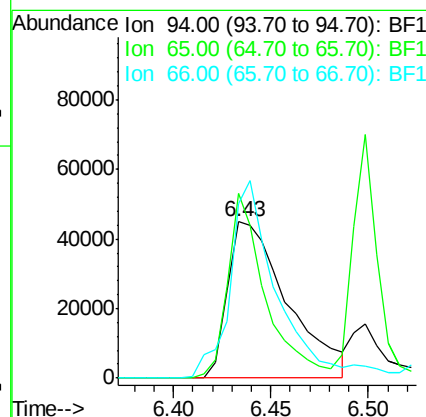
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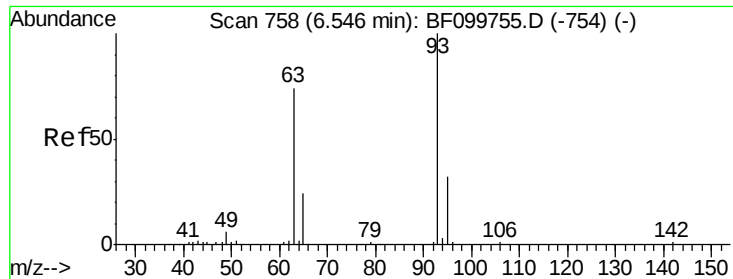
Delta R.T. 0.01 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Tgt Ion:	94	Resp:	95103
Ion	Ratio	Lower	Upper
94	100		
65	118.4	7.9	47.9#
66	111.5	16.2	56.2#





#11
bis(2-Chloroethyl)ether
Concen: 40.641 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

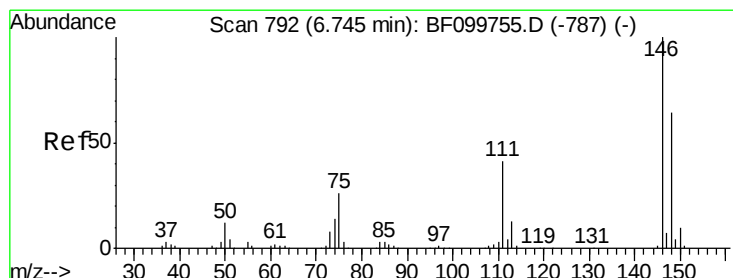
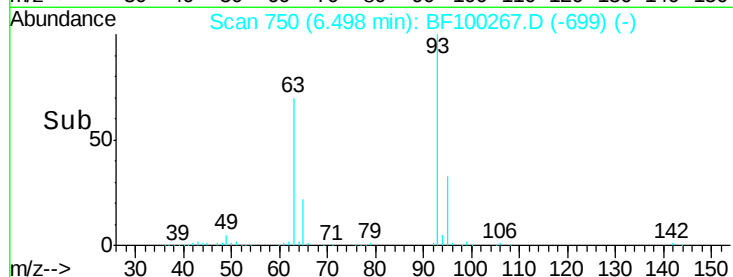
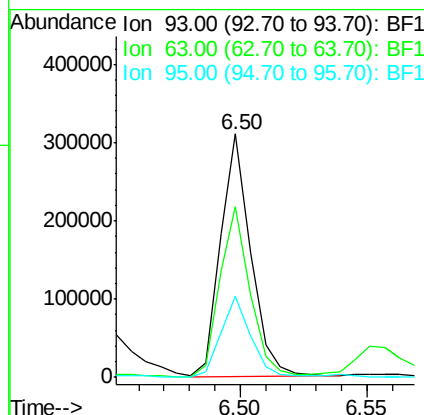
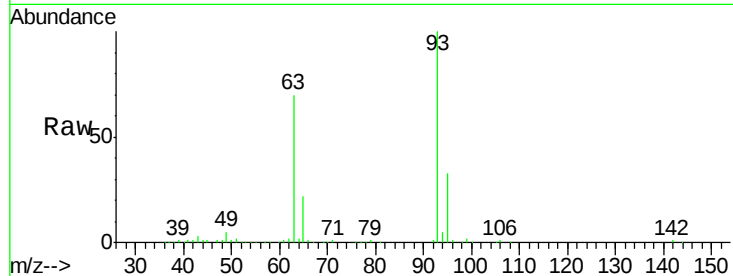
Instrument :
BNA_F
ClientSampleId :
S22-0029MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	255131		
63	70.3	58.6	98.6	
95	33.2	11.8	51.8	

Manual Integrations
APPROVED

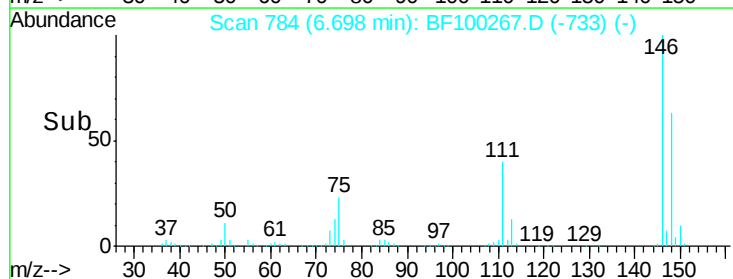
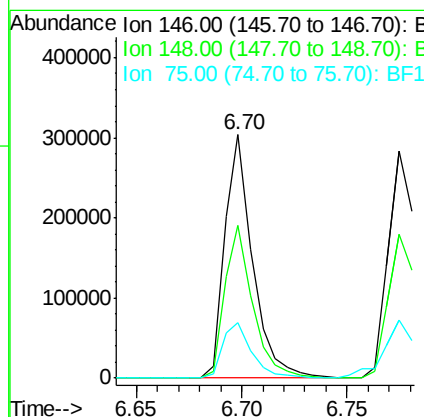
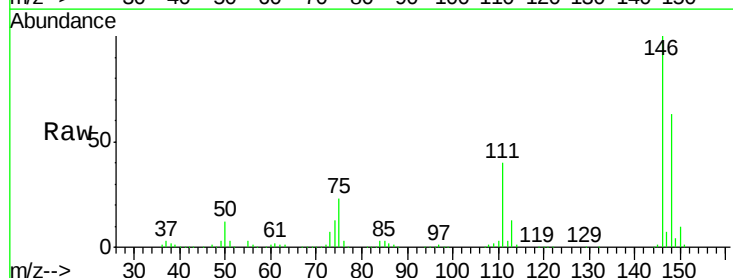
Sohil

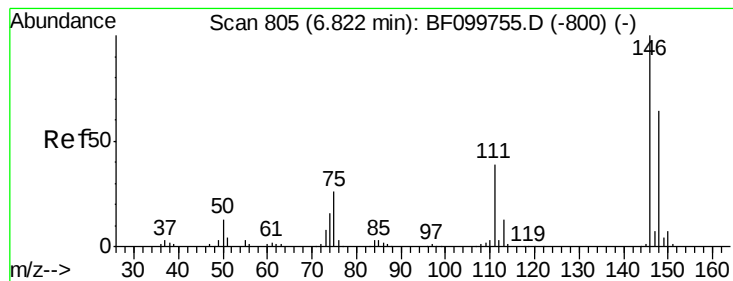
11/7/2017 5:39:57 PM



#12
1,3-Dichlorobenzene
Concen: 37.387 ng m
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	279382		
148	63.0	51.8	77.8	
75	22.9	24.2	36.4#	





#13

1,4-Dichlorobenzene

Concen: 37.572 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampled :

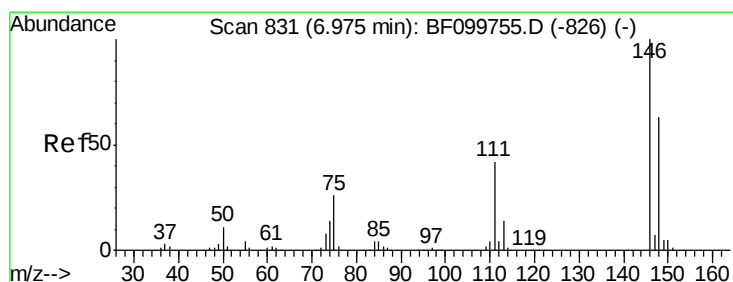
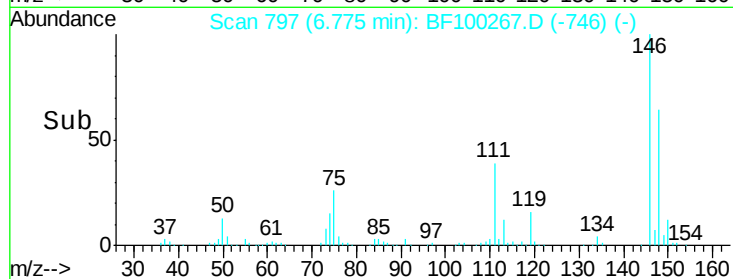
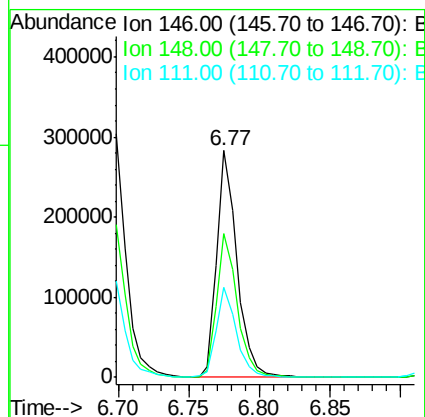
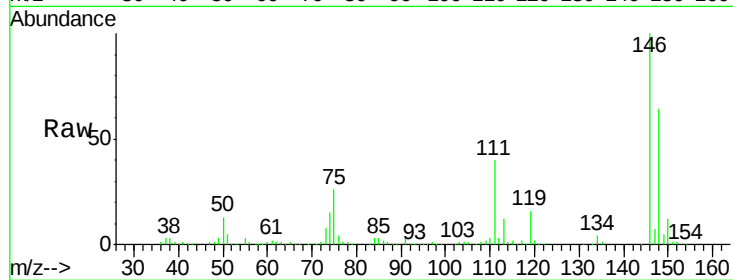
S22-0029MS

Tgt Ion:	146	Resp:	284957
Ion Ratio		Lower	Upper
146	100		
148	63.6	50.8	76.2
111	39.7	34.2	51.2

Manual Integrations
APPROVED

Sohil

11/7/2017 5:39:57 PM



#14

1,2-Dichlorobenzene

Concen: 38.082 ng

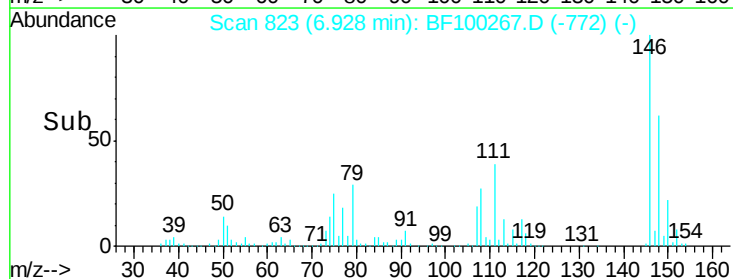
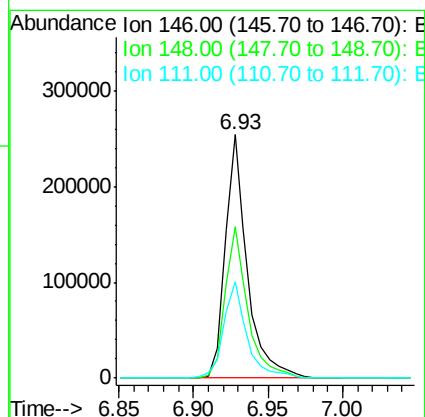
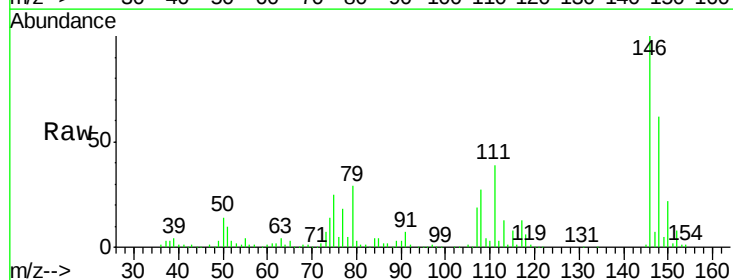
RT: 6.93 min Scan# 823

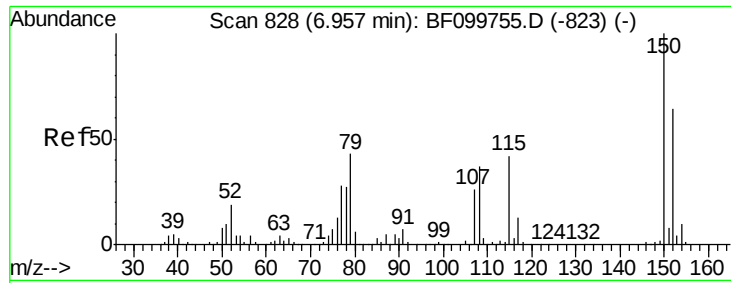
Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Tgt Ion:	146	Resp:	263228
Ion Ratio		Lower	Upper
146	100		
148	62.5	50.6	75.8
111	39.4	36.0	54.0





#15
Benzyl Alcohol
Concen: 26.166 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

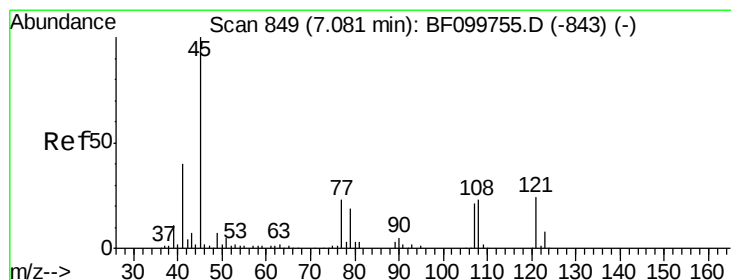
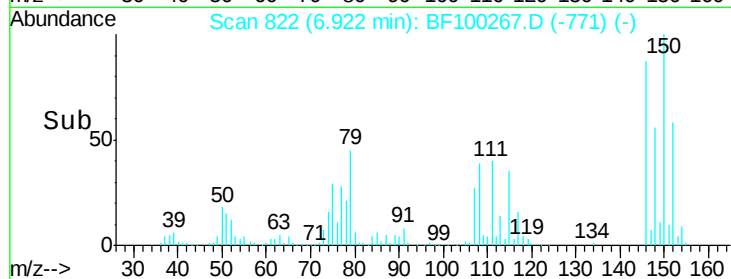
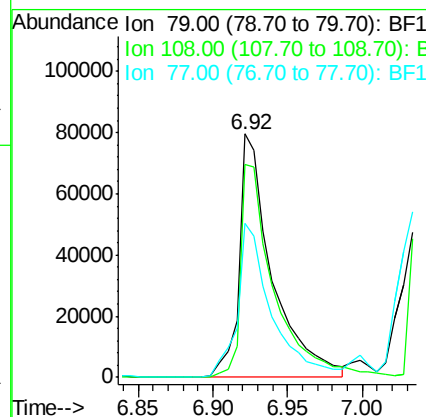
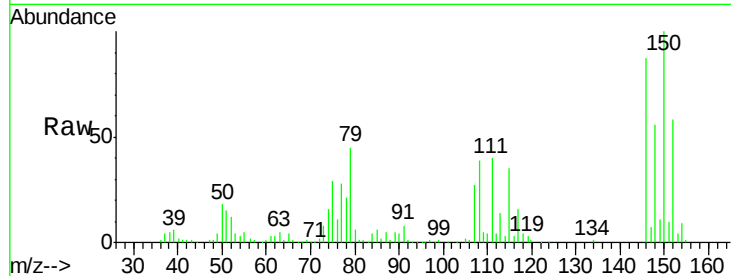
Instrument :
BNA_F
ClientSampled :
S22-0029MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	87.3	65.1	97.7
77	63.2	50.6	75.8

Manual Integrations
APPROVED

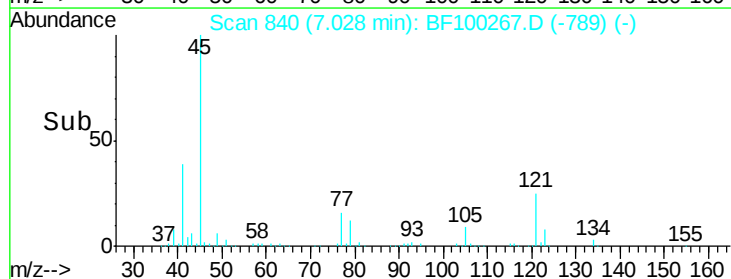
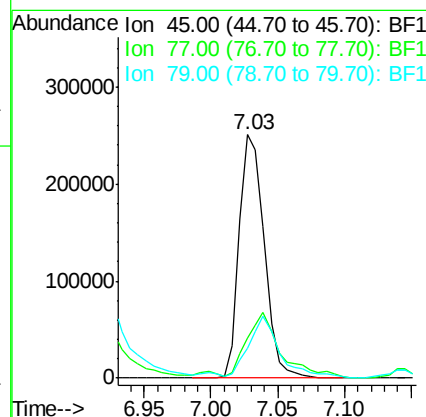
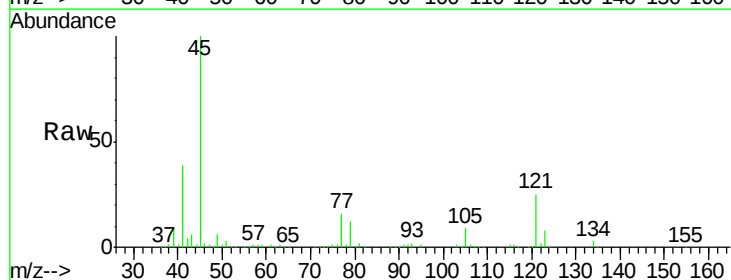
Sohil

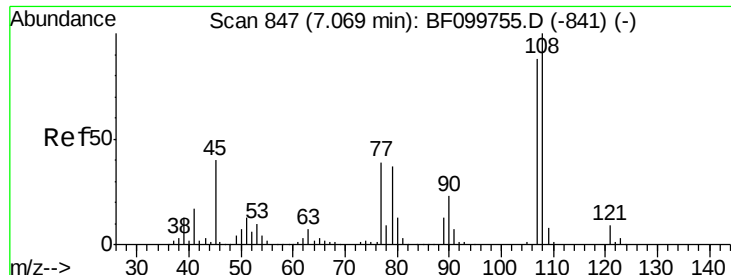
11/7/2017 5:39:57 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.282 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	32.9
79	12.1	0.0	29.6





#17
2-Methylphenol
Concen: 27.411 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

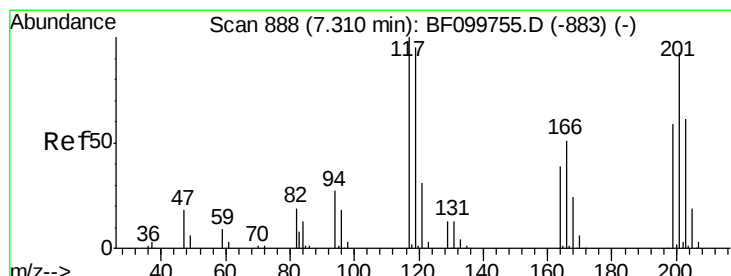
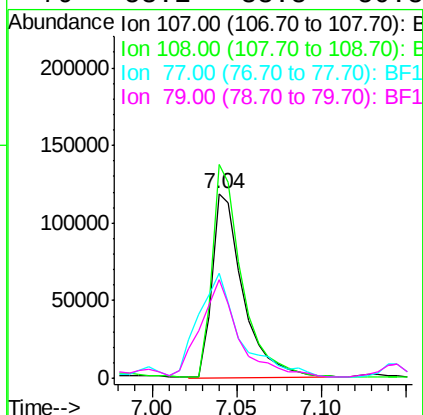
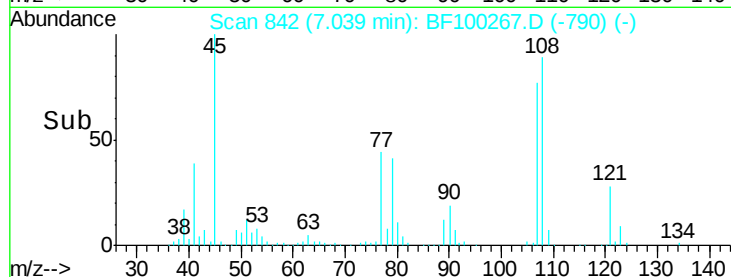
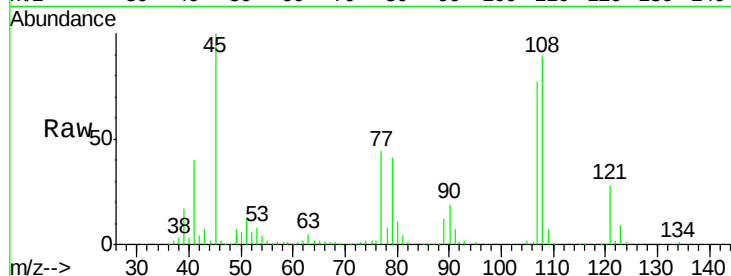
Instrument :
BNA_F
ClientSampled :
S22-0029MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	152595		
108	115.7	91.7	137.5	
77	57.2	33.8	50.8#	
79	53.1	33.8	50.8#	

Manual Integrations
APPROVED

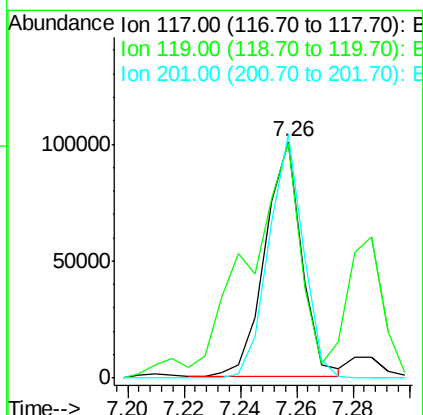
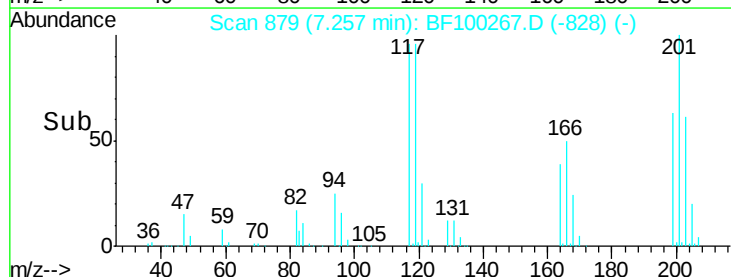
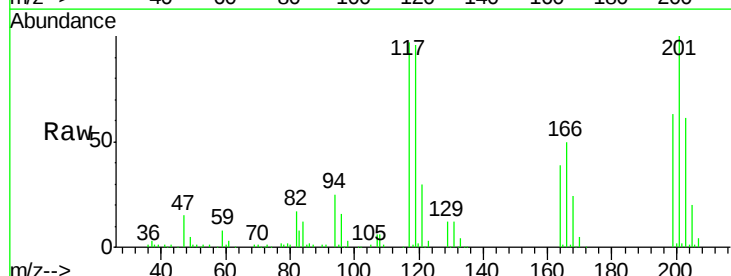
Sohil

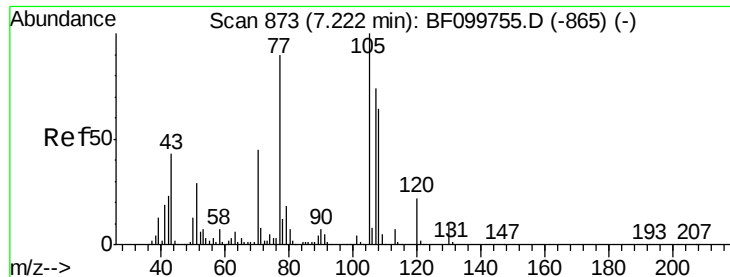
11/7/2017 5:39:57 PM



#18
Hexachloroethane
Concen: 35.719 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	90380		
119	99.4	75.8	113.8	
201	103.0	75.7	113.5	





#19
n-Nitroso-di-n-propylamine
Concen: 41.732 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

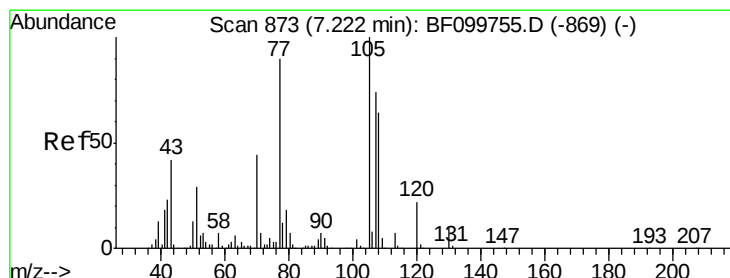
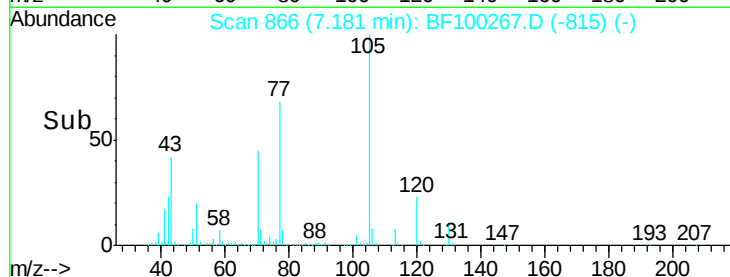
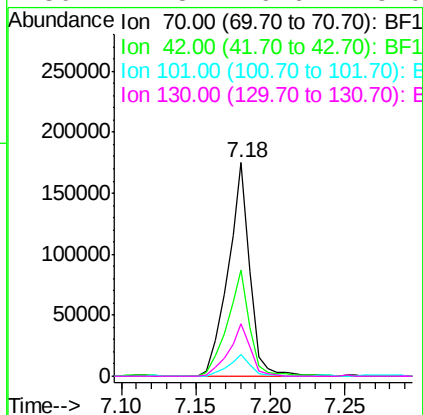
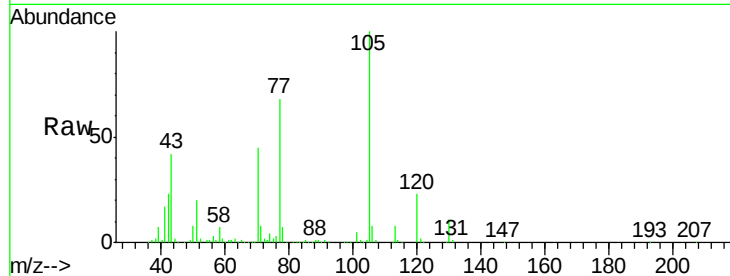
Instrument :
BNA_F
ClientSampled :
S22-0029MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.5	71.3
101	10.3	7.4	11.2
130	24.8	16.6	25.0

Manual Integrations
APPROVED

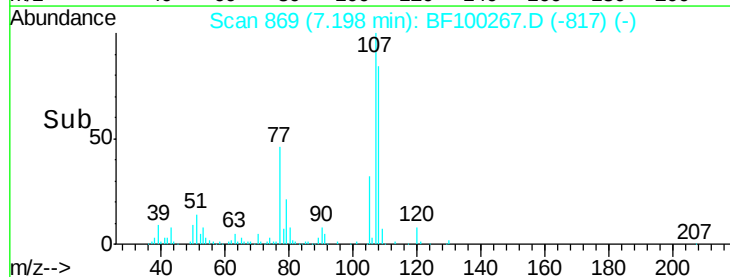
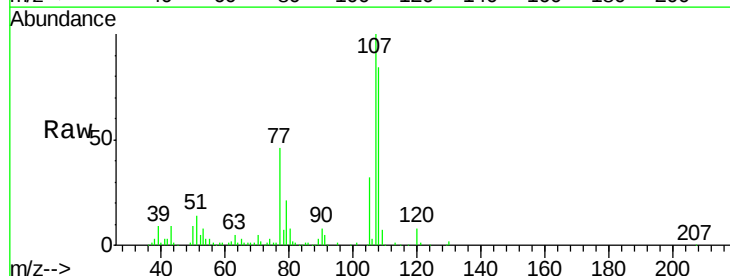
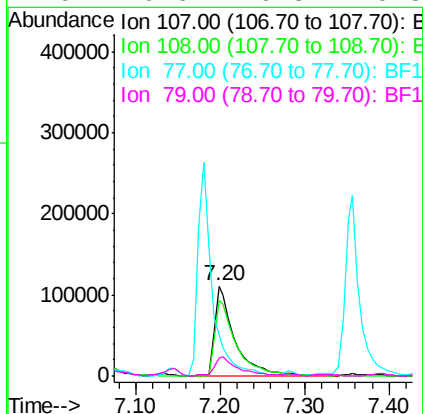
Sohil

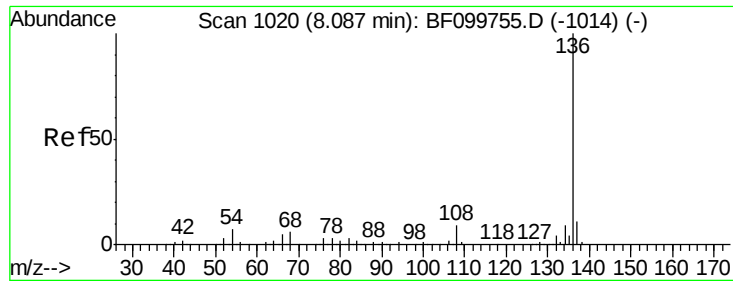
11/7/2017 5:39:57 PM



#20
3+4-Methylphenols
Concen: 29.040 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.3	68.2	108.2
77	46.1	26.7	66.7
79	20.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

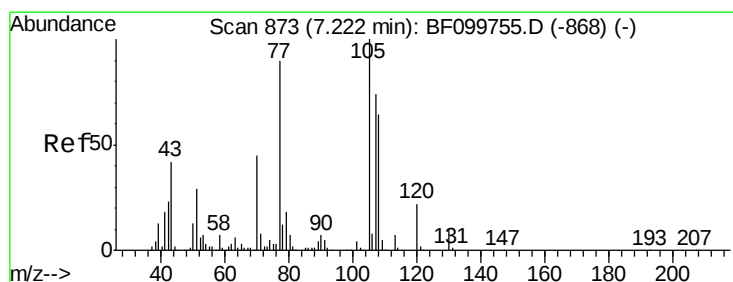
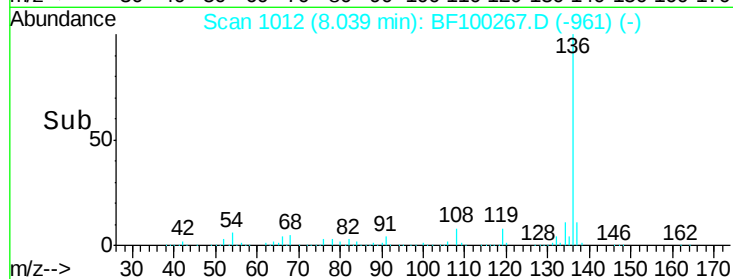
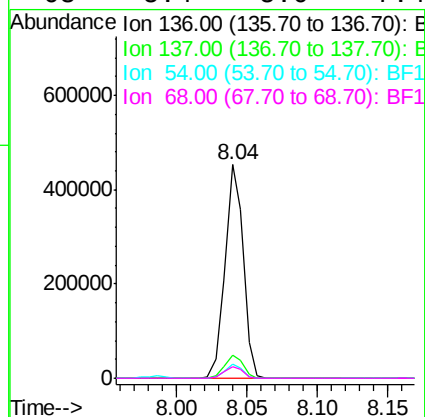
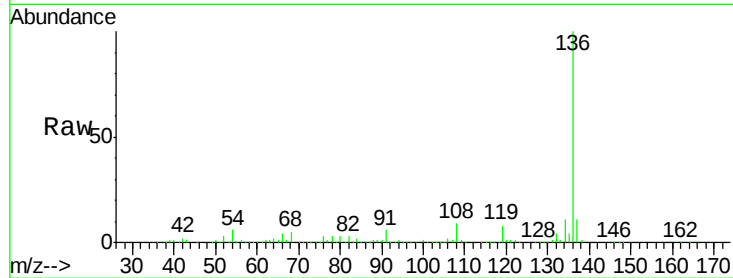
S22-0029MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	404681		
137	10.7	8.9	13.3	
54	6.4	6.6	9.8	
68	5.4	5.0	7.4	

Manual Integrations
APPROVED

Sohil

11/7/2017 5:39:57 PM



#22

Acetophenone

Concen: 41.452 ng

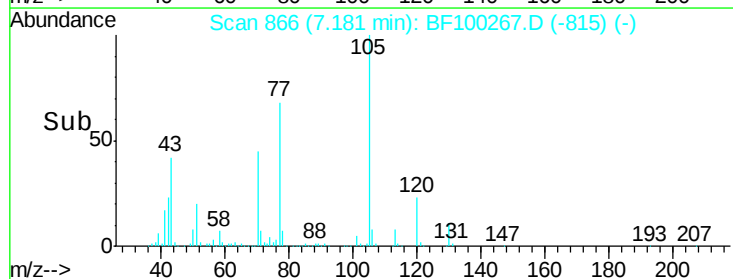
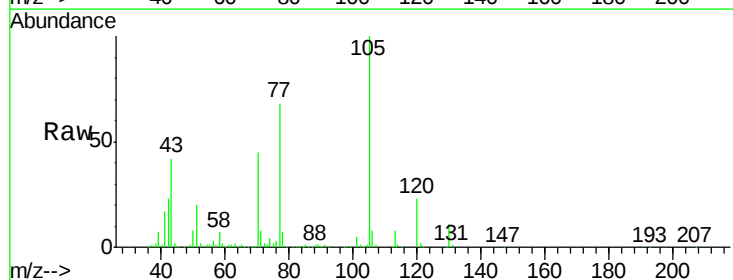
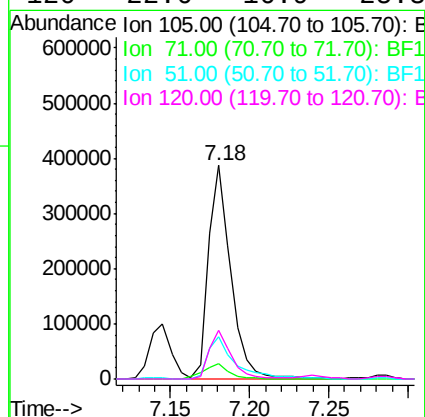
RT: 7.18 min Scan# 866

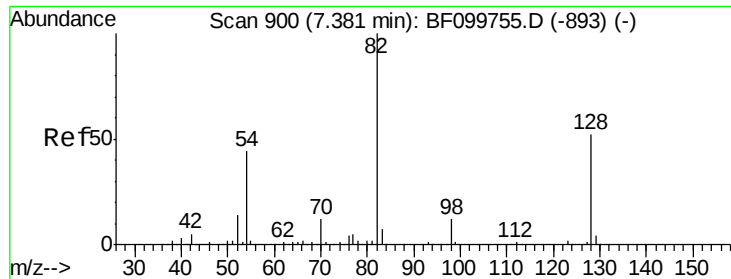
Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	381946		
71	7.5	4.4	6.6	
51	19.5	22.3	33.5	
120	22.6	16.9	25.3	





#23
Nitrobenzene-d5
Concen: 83.366 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

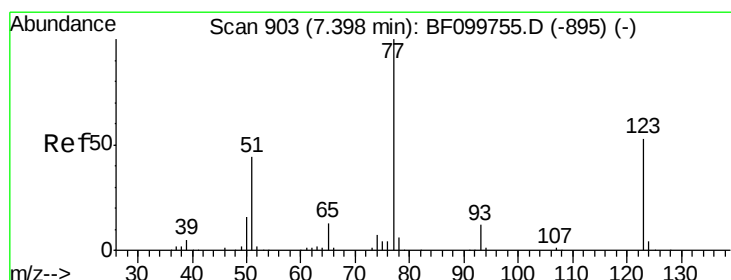
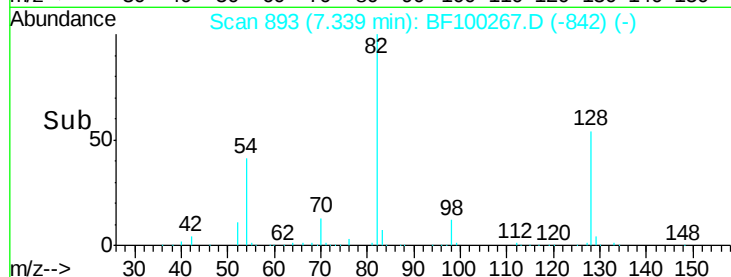
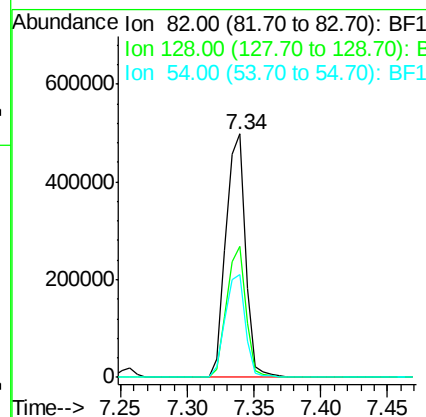
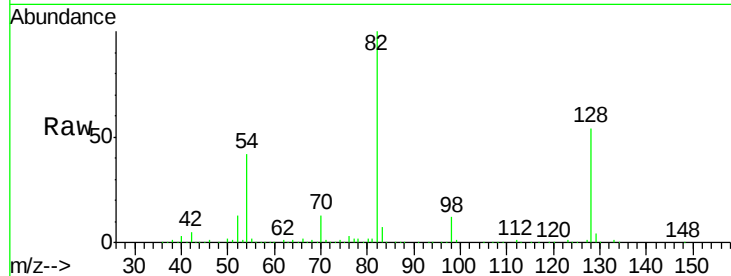
Instrument :
BNA_F
ClientSampleId :
S22-0029MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.6	36.1	54.1
54	42.5	41.4	62.2

Manual Integrations
APPROVED

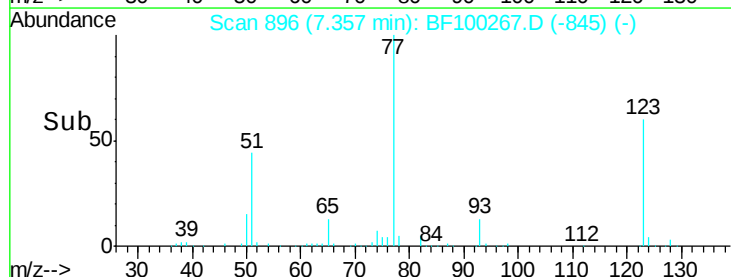
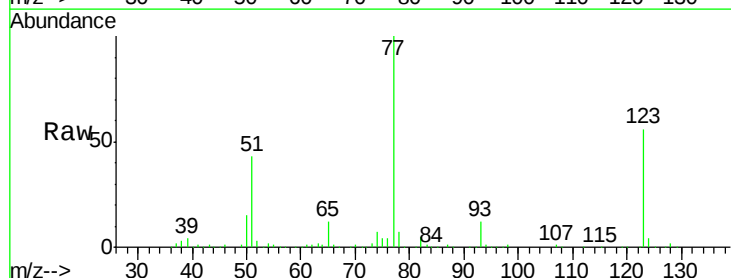
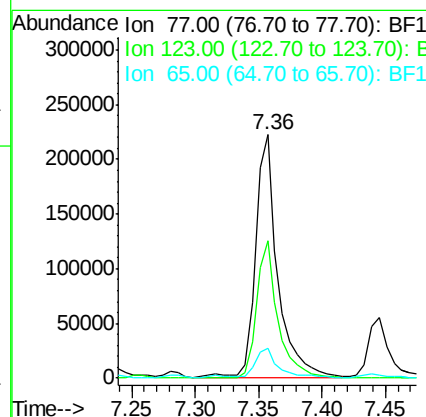
Sohil

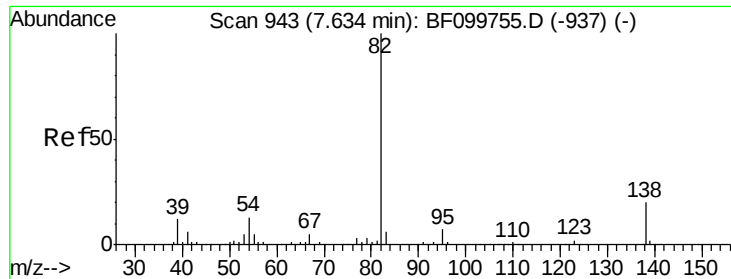
11/7/2017 5:39:57 PM



#24
Nitrobenzene
Concen: 42.536 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.4	37.9	56.9
65	12.5	11.0	16.4





#25

Isophorone

Concen: 44.319 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

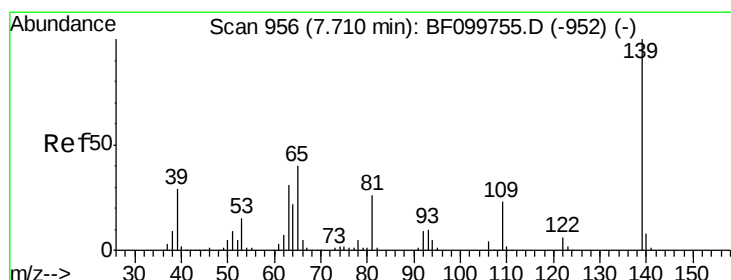
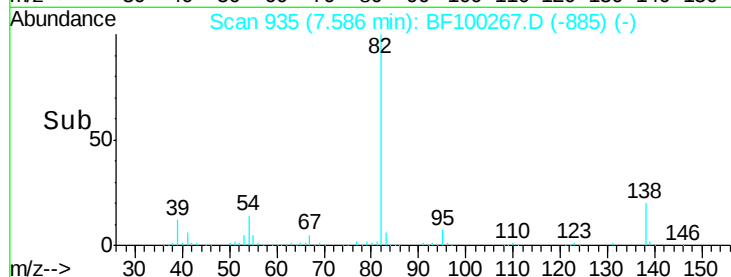
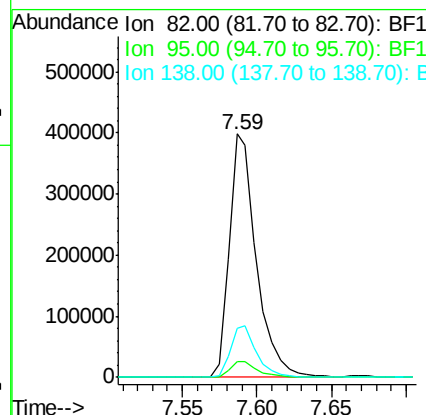
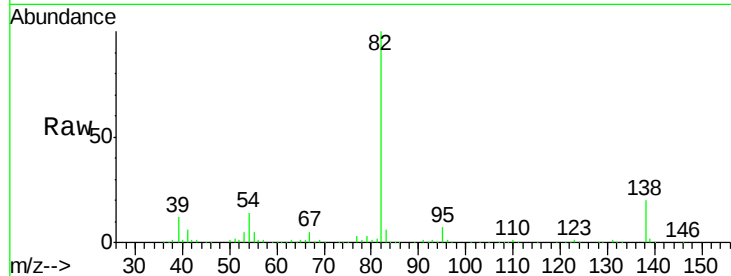
S22-0029MS

Tgt Ion:	82	Resp:	505500
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.2	7.8
138	20.2	14.9	22.3

Manual Integrations
APPROVED

Sohil

11/7/2017 5:39:57 PM



#26

2-Nitrophenol

Concen: 42.576 ng

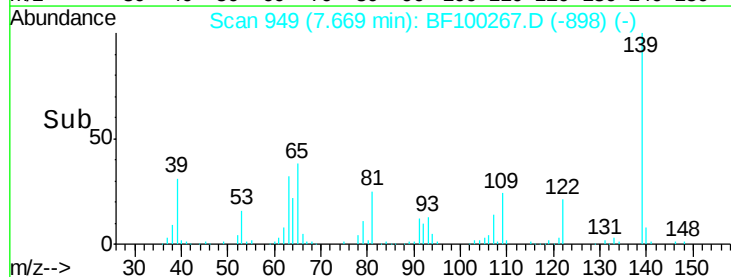
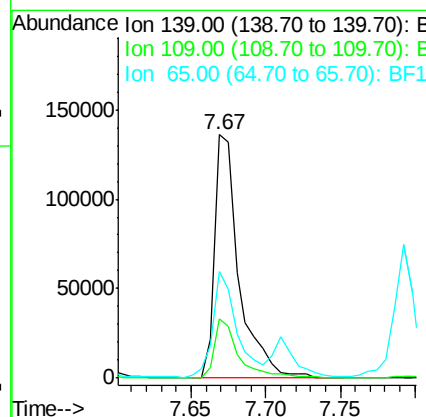
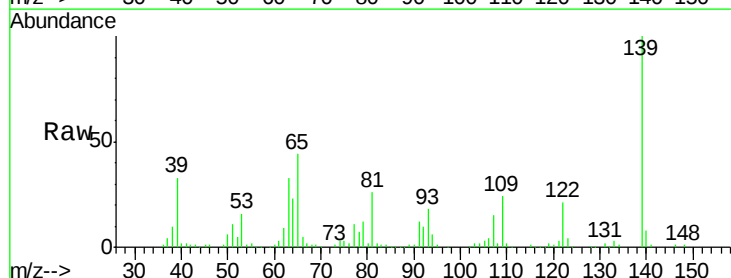
RT: 7.67 min Scan# 949

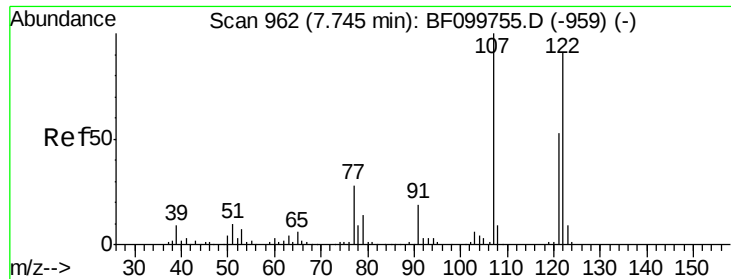
Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Tgt Ion:	139	Resp:	154446
Ion Ratio		Lower	Upper
139	100		
109	24.2	22.7	34.1
65	43.6	40.5	60.7





#27
 2,4-Dimethylphenol
 Concen: 51.687 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

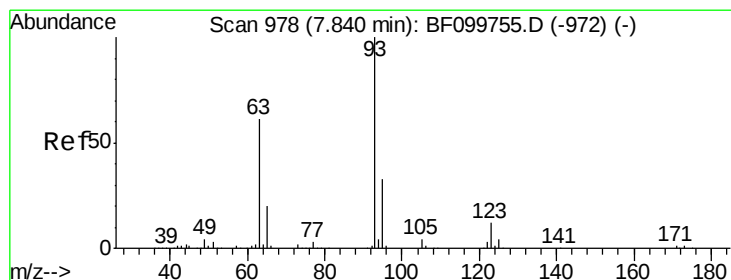
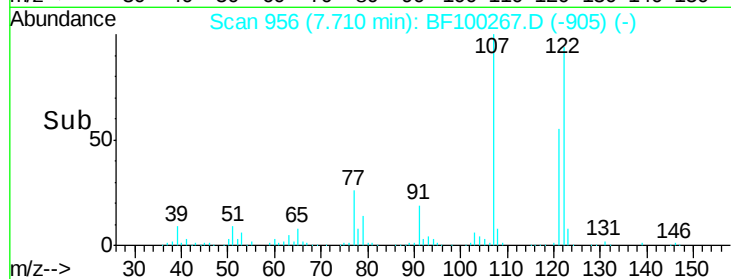
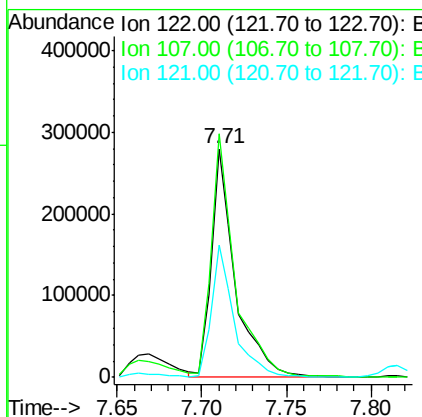
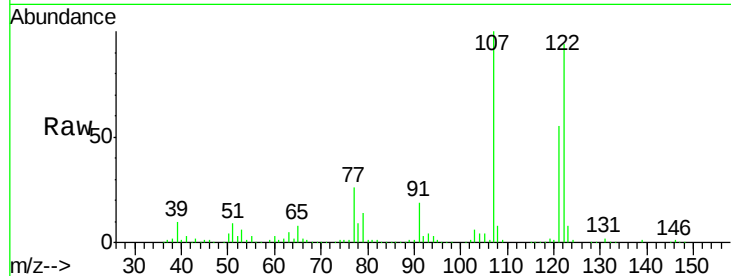
Instrument :
 BNA_F
 ClientSampleId :
 S22-0029MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	106.6	91.2	136.8
121	58.1	47.2	70.8

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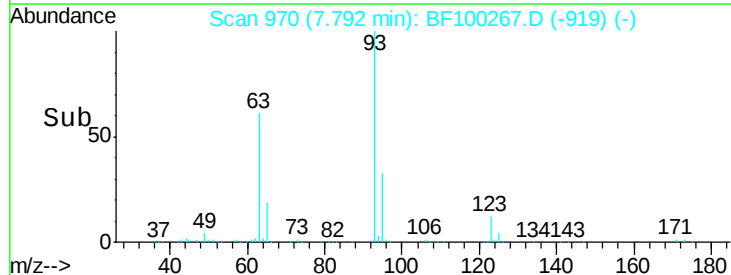
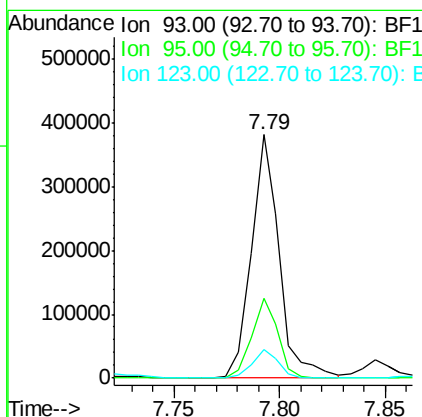
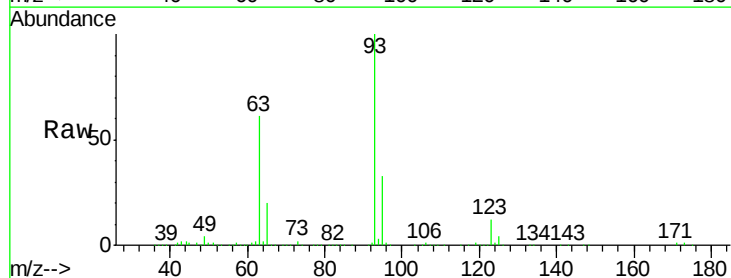
Sohil

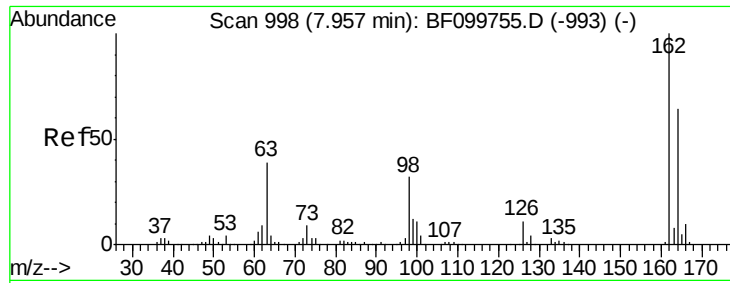
11/7/2017 5:39:57 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.438 ng
 RT: 7.79 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.6	9.8	14.6





#29
2,4-Dichlorophenol
Concen: 42.367 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

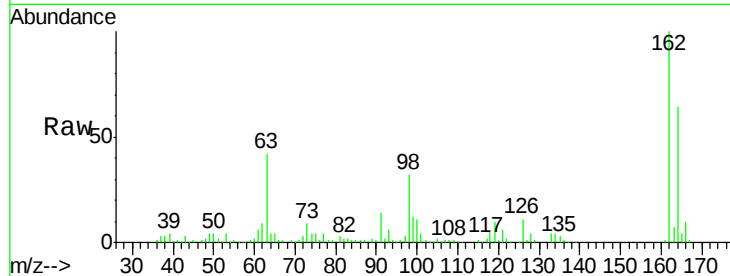
Instrument :
BNA_F
ClientSampleId :
S22-0029MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.2	42.7	82.7
98	31.6	18.1	58.1

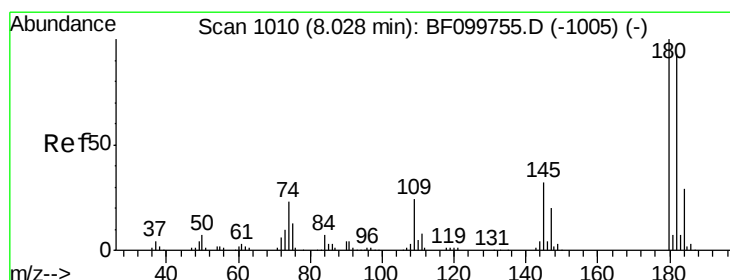
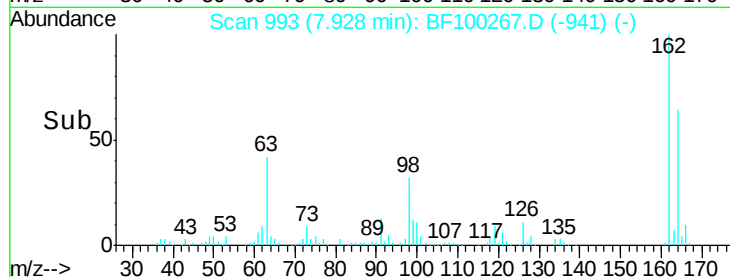
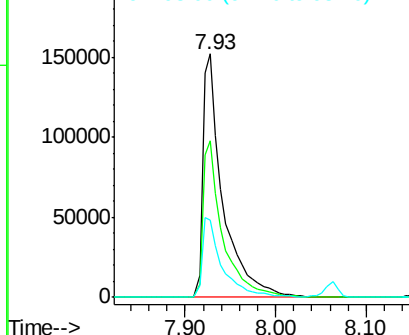
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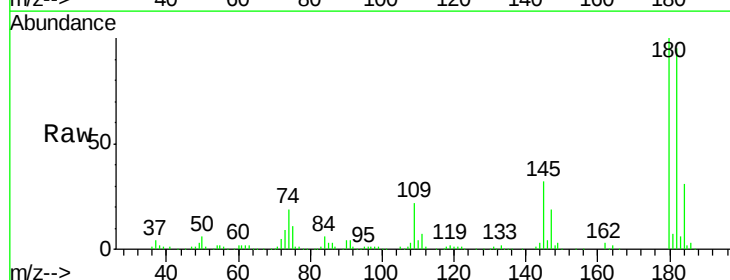


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

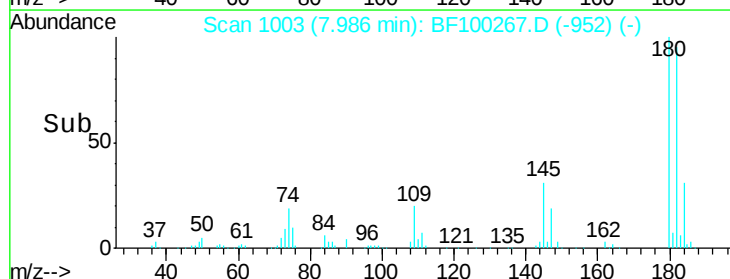
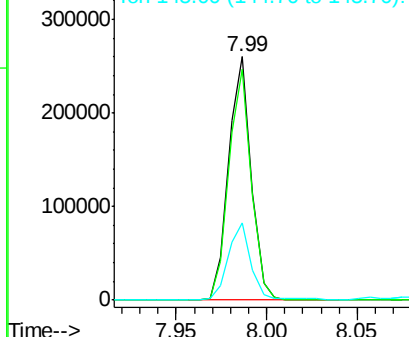


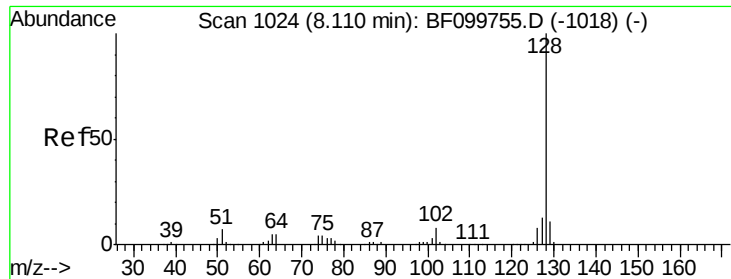
#30
1,2,4-Trichlorobenzene
Concen: 37.990 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	76.8	115.2
145	31.6	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: 39.794 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

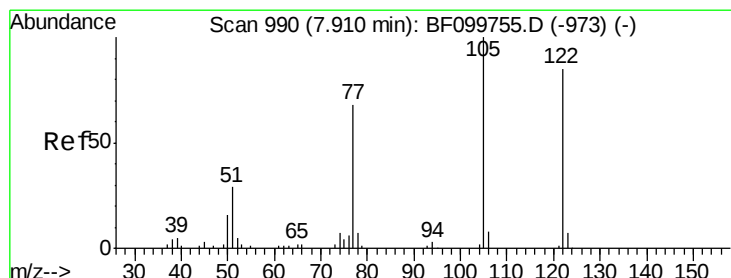
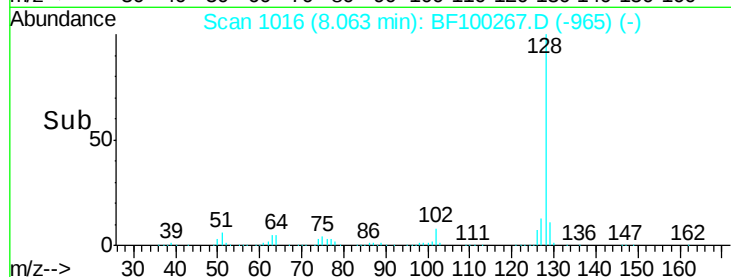
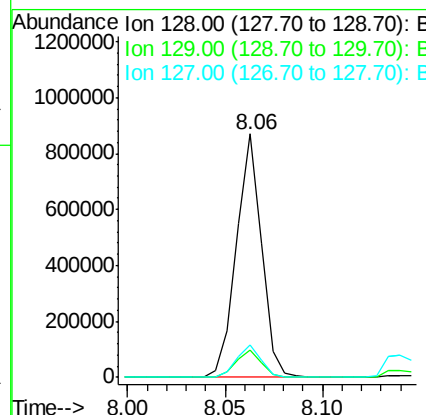
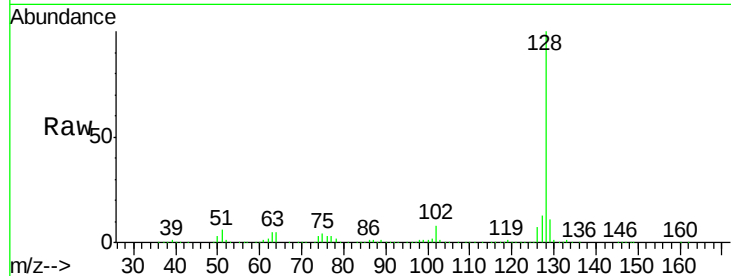
Instrument :
BNA_F
ClientSampleId :
S22-0029MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.3	10.9	16.3

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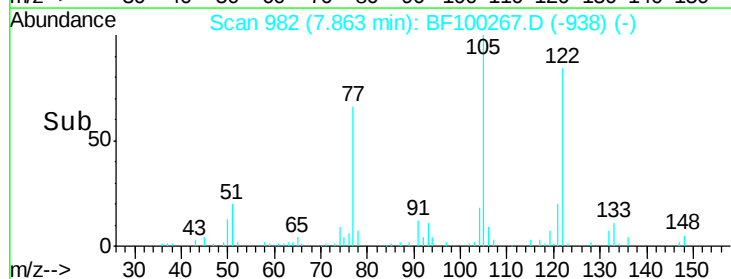
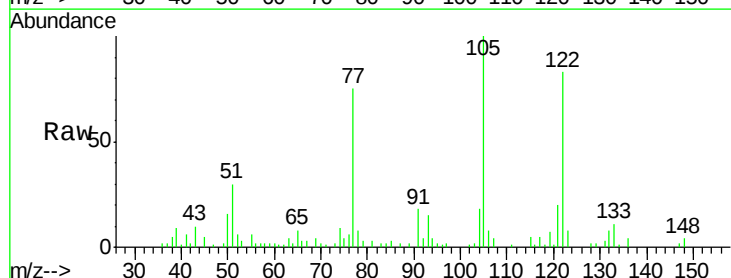
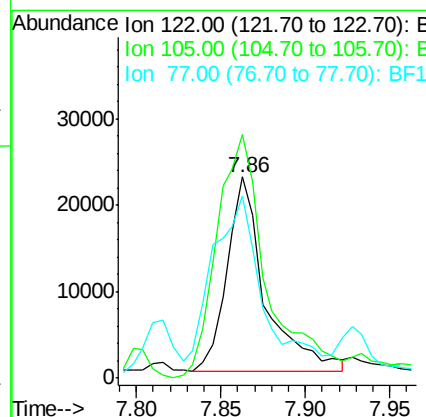
Sohil

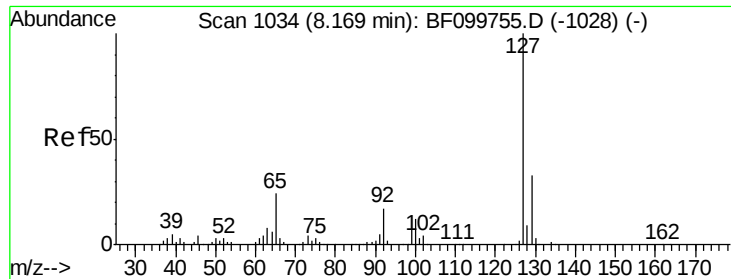
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#32
Benzoic acid
Concen: 7.588 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.04 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.2	101.1	141.1
77	90.9	70.7	110.7





#33
4-Chloroaniline
Concen: 15.912 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

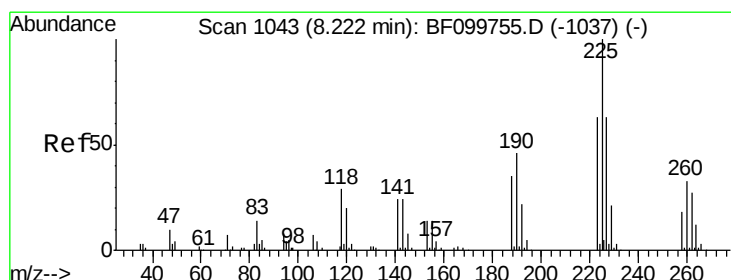
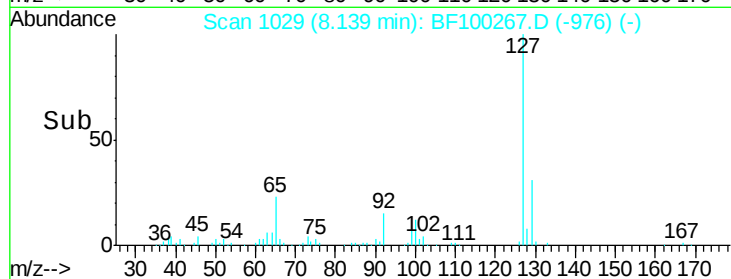
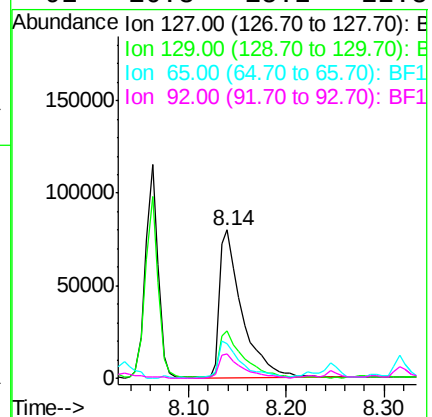
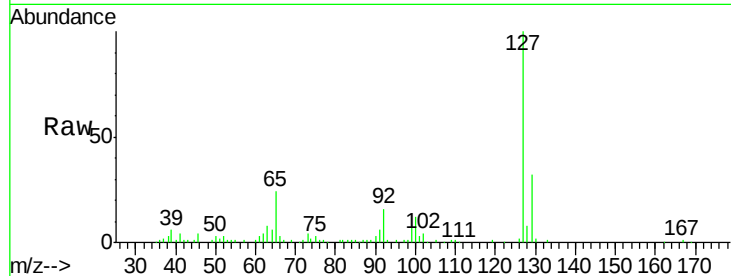
Instrument :
BNA_F
ClientSampleId :
S22-0029MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.0	25.9	38.9
65	23.8	25.0	37.4
92	16.3	15.2	22.8

Manual Integrations
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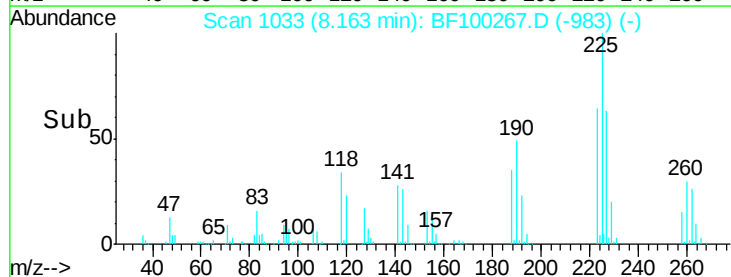
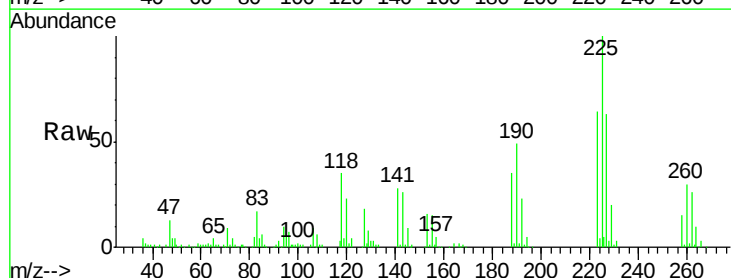
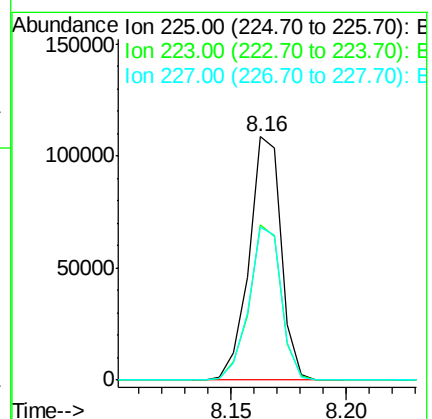
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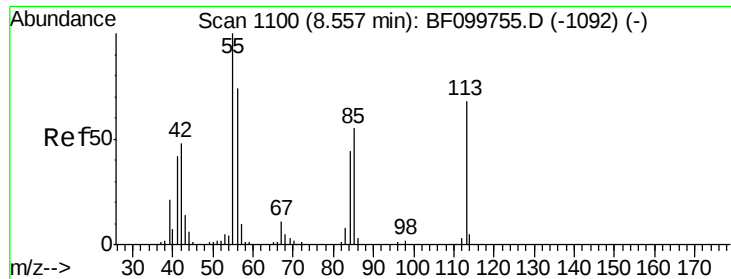
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#34
Hexachlorobutadiene
Concen: 34.596 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.0	50.6	76.0
227	62.7	51.9	77.9





#35
Caprolactam
Concen: 6.648 ng m
RT: 8.57 min Scan# 1103
Delta R.T. 0.06 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

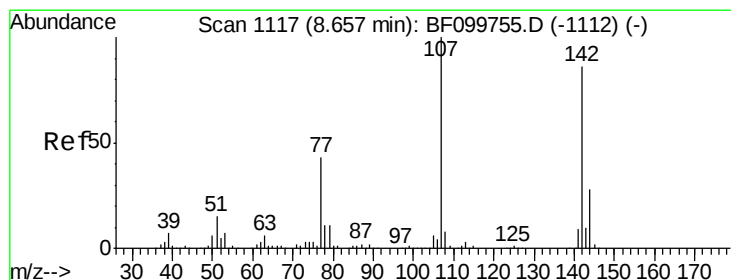
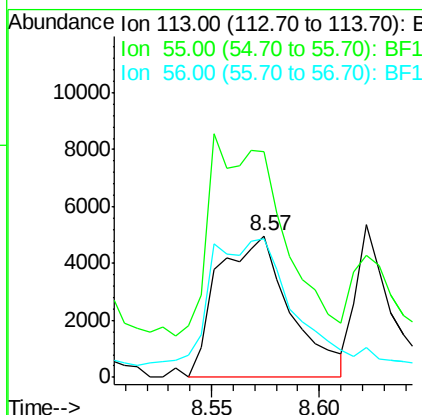
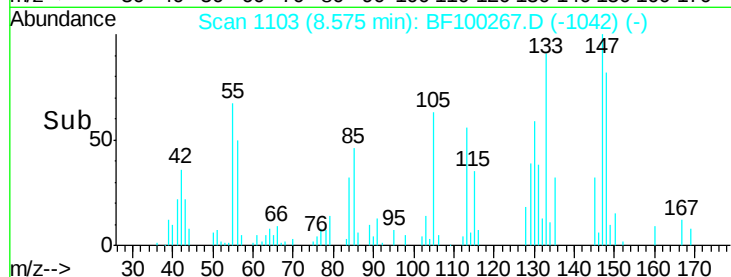
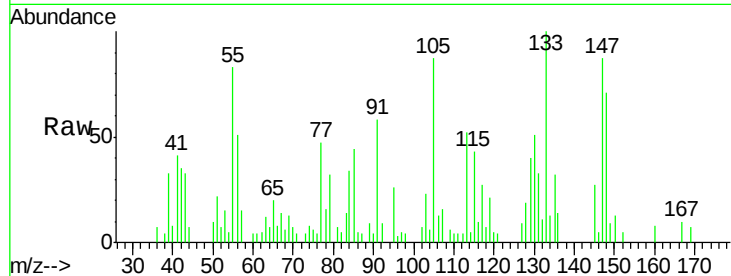
Instrument :
BNA_F
ClientSampled :
S22-0029MS

Tgt Ion:113 Resp: 11608
Ion Ratio Lower Upper
113 100
55 159.4 163.3 203.3#
56 97.7 115.7 155.7#

Manual Integrations
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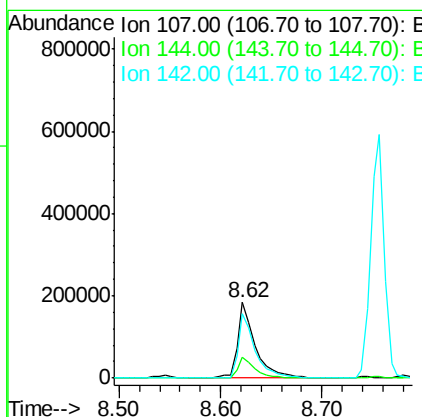
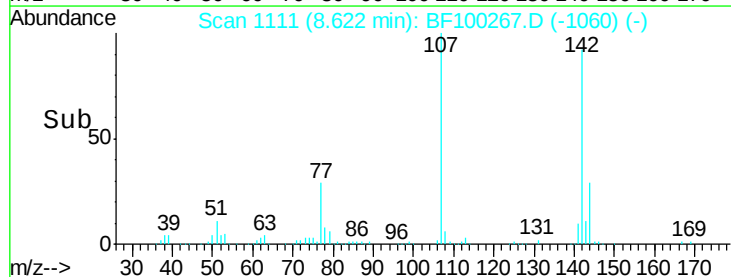
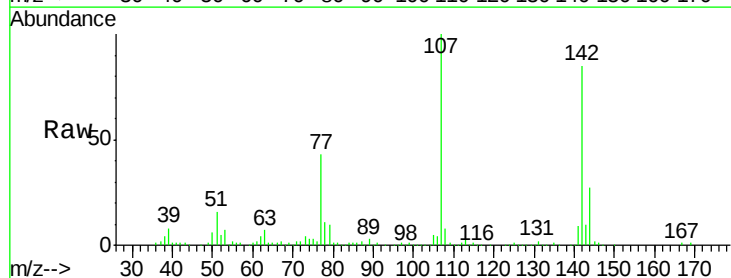
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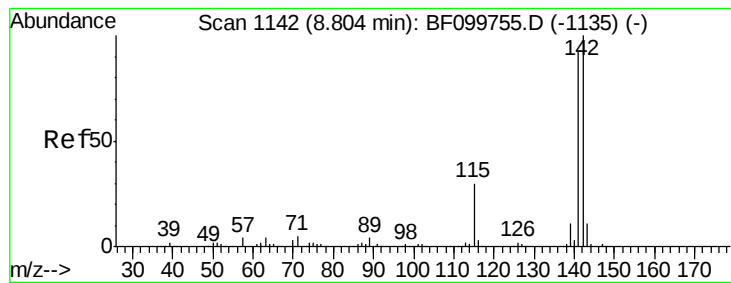
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#36
4-Chloro-3-methylphenol
Concen: 38.651 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

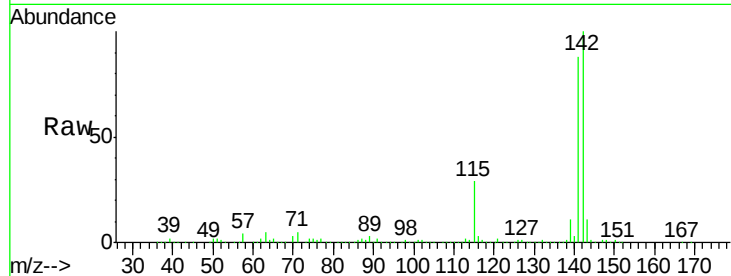
Tgt Ion:107 Resp: 219038
Ion Ratio Lower Upper
107 100
144 27.0 20.5 30.7
142 84.7 62.0 93.0





#37
 2-Methylnaphthalene
 Concen: 41.854 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :
 S22-0029MS

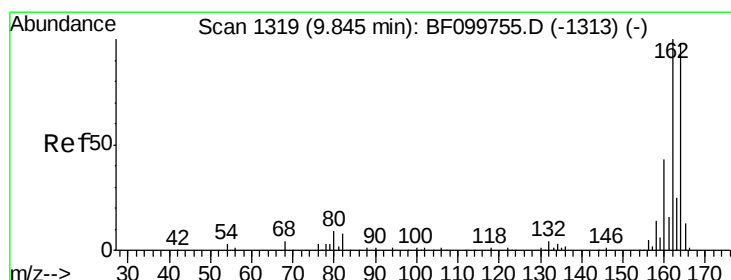
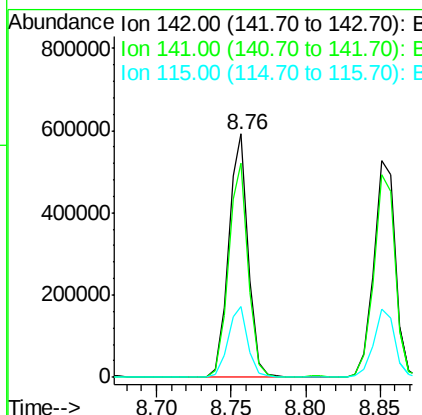
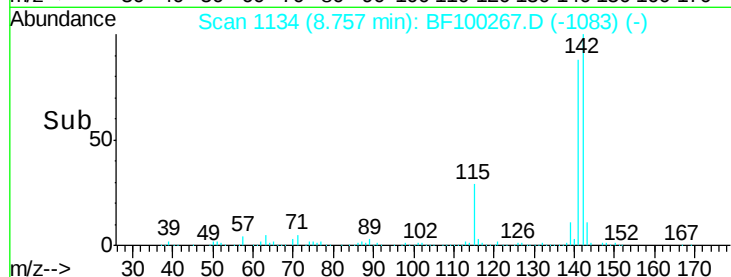


Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.8	106.2
115	28.9	26.1	39.1

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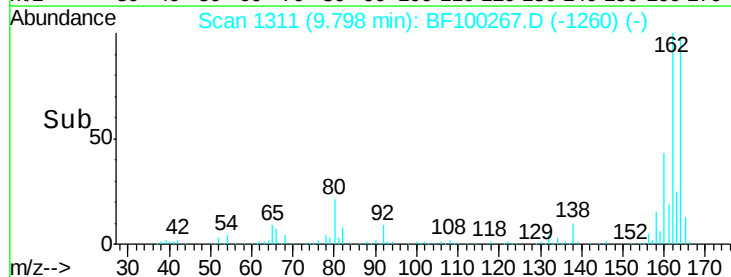
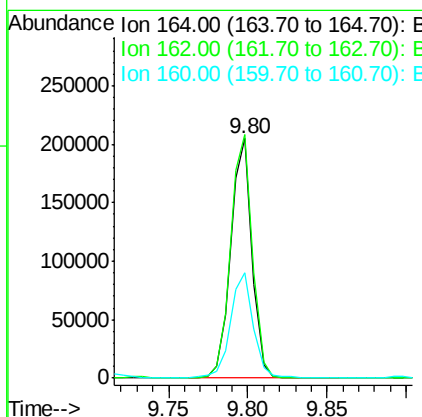
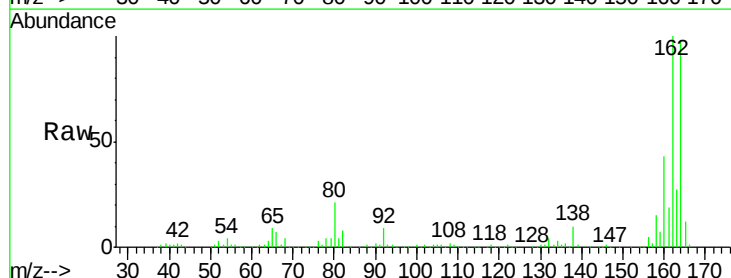
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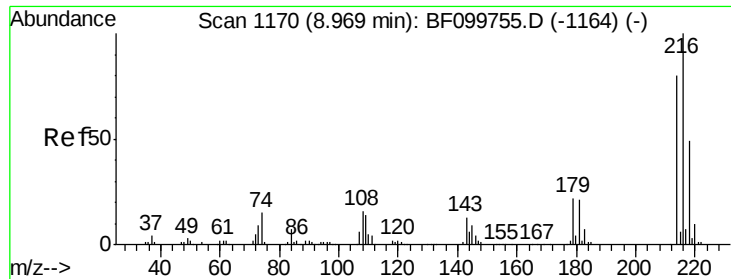
11/7/2017 5:39:57 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	44.0	38.3	57.5





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.592 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

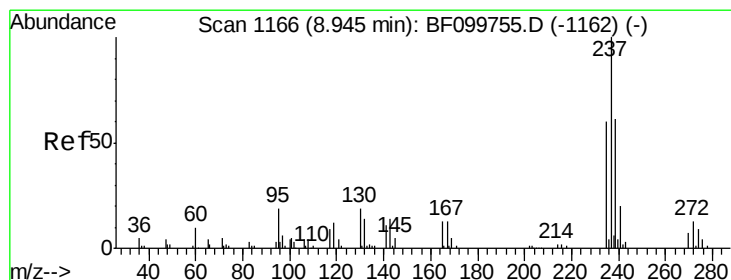
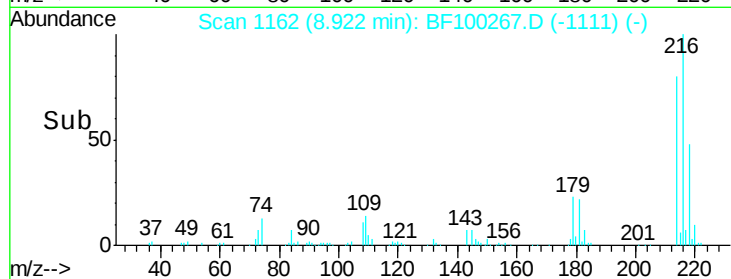
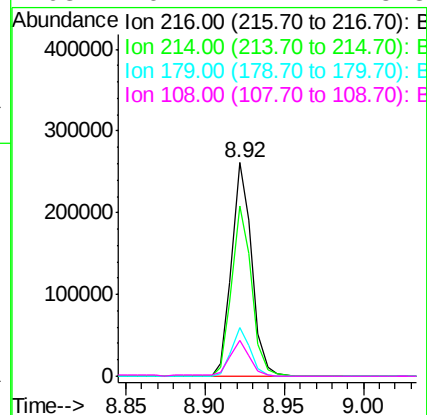
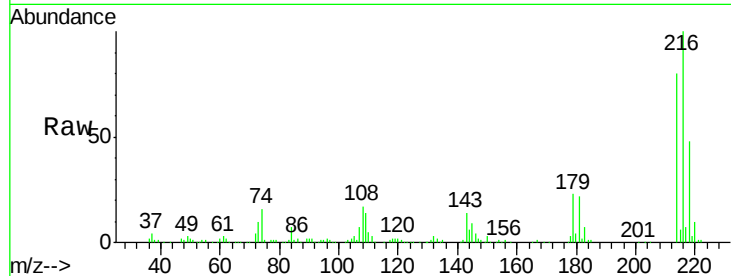
Instrument :
 BNA_F
 ClientSampleId :
 S22-0029MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	229757		
214	78.7	63.0	94.4	
179	21.9	18.1	27.1	
108	16.2	17.2	25.8	

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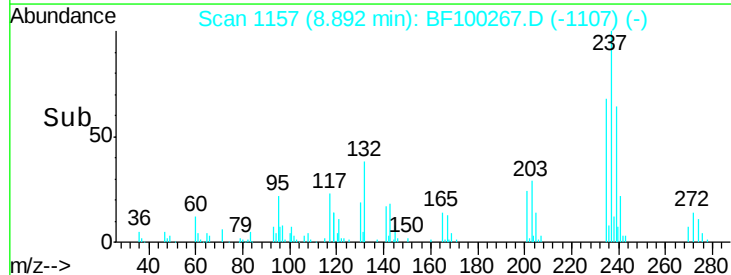
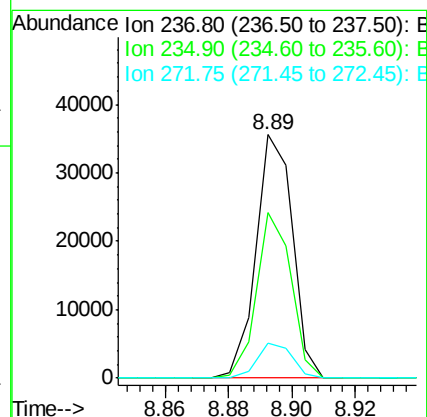
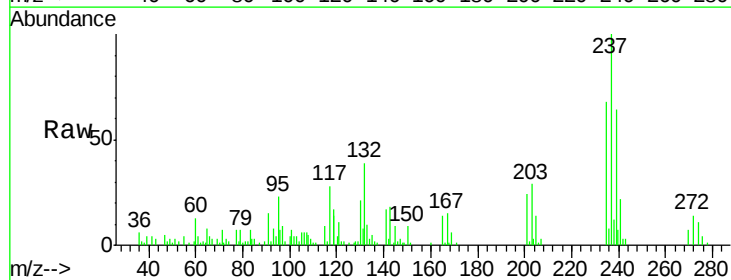
Sohil

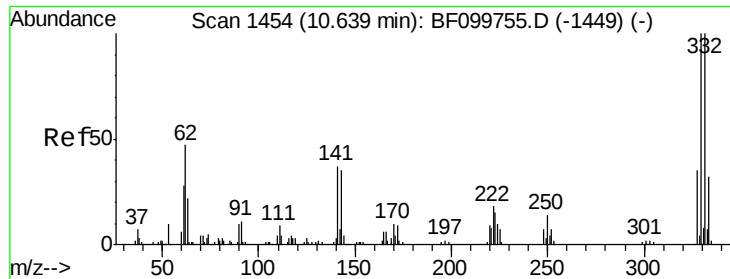
11/7/2017 5:39:57 PM



#40
 Hexachlorocyclopentadiene
 Concen: 33.890 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	28505		
235	68.2	44.8	84.8	
272	14.2	0.0	33.3	





#41
 2,4,6-Tribromophenol
 Concen: 117.425 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

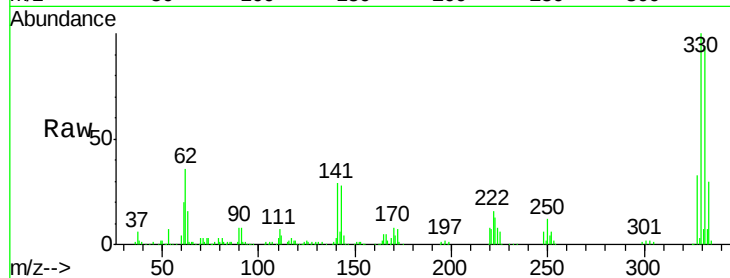
Instrument :
 BNA_F
 ClientSampled :
 S22-0029MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	202506		
332	96.5	77.0	115.6	
141	32.7	29.9	44.9	

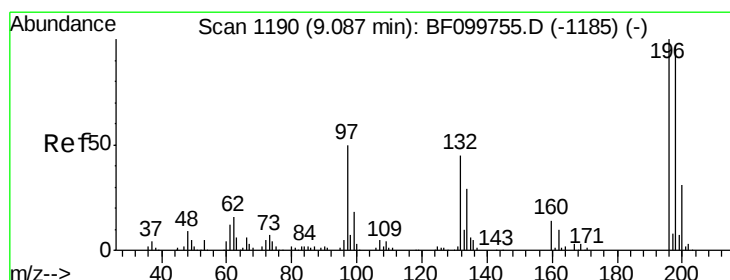
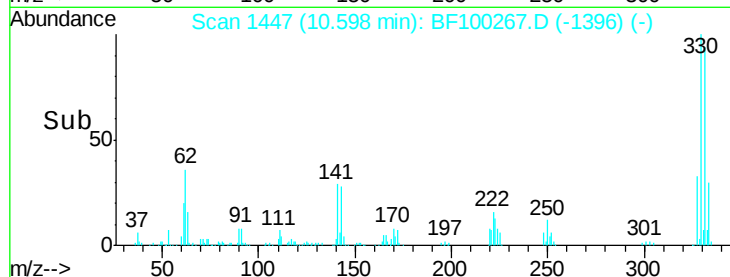
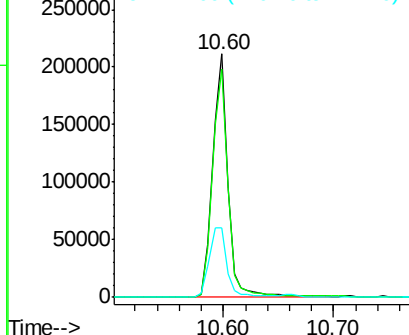
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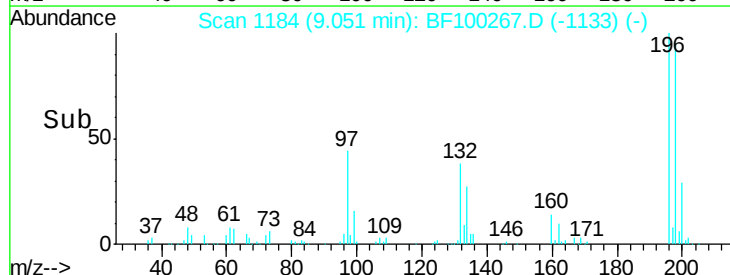
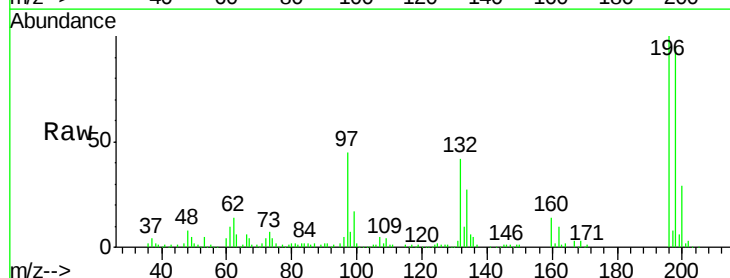
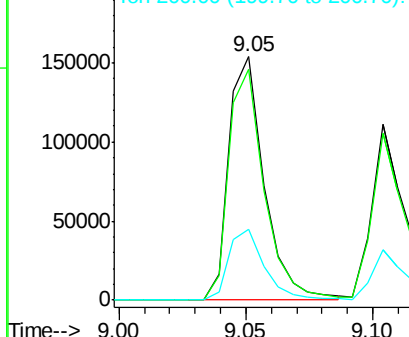
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

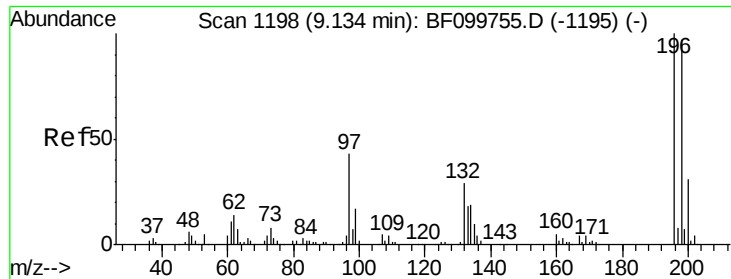


#42
 2,4,6-Trichlorophenol
 Concen: 40.613 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	150145		
198	94.6	75.7	113.5	
200	29.1	24.5	36.7	

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





#43
 2,4,5-Trichlorophenol
 Concen: 35.535 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

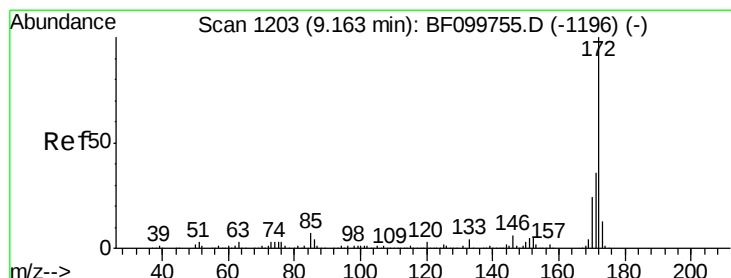
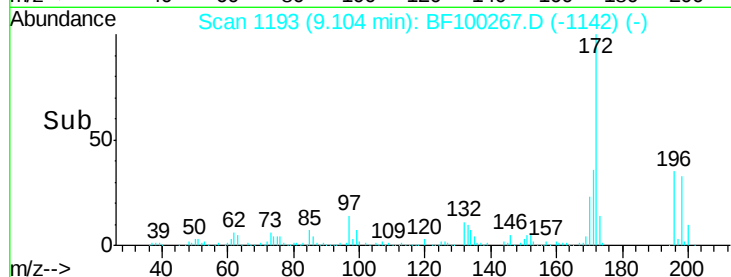
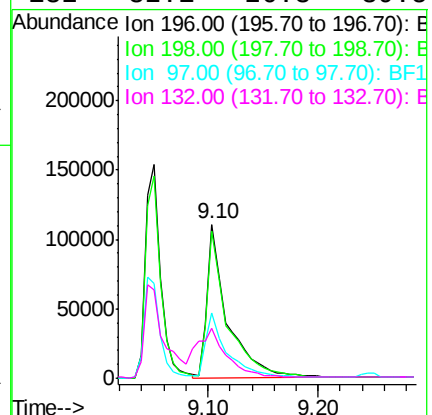
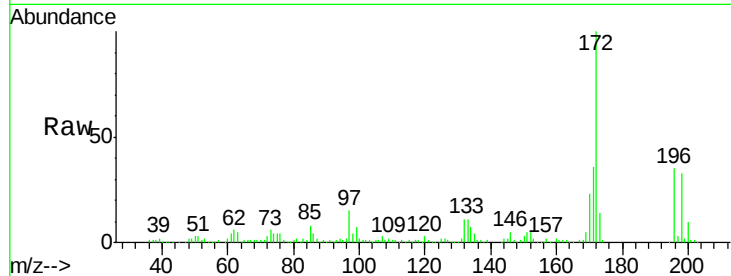
Instrument :
 BNA_F
 ClientSampleId :
 S22-0029MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	139409		
198	95.2	74.6	112.0	
97	42.7	42.9	64.3	
132	32.1	26.3	39.5	

Manual Integrations
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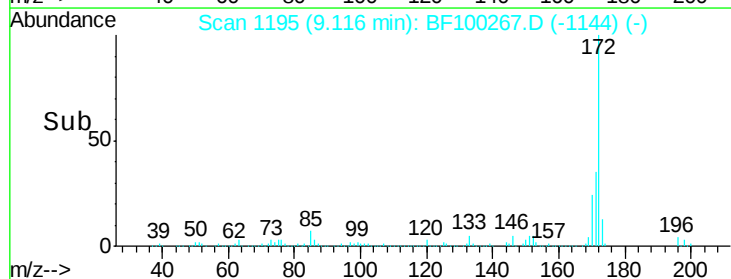
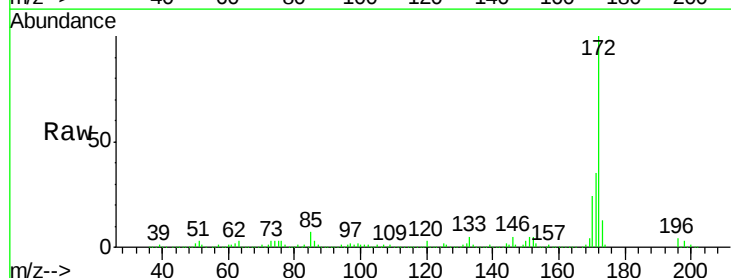
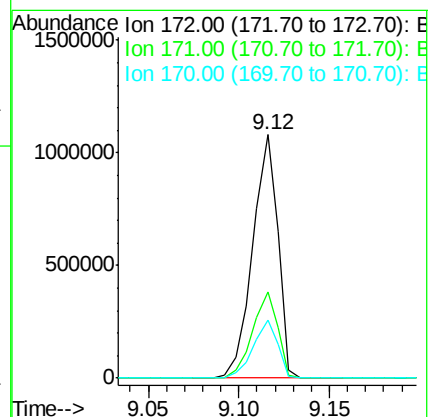
Sohil

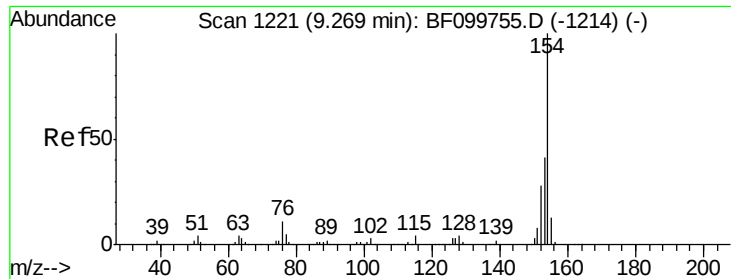
11/7/2017 5:39:57 PM



#44
 2-Fluorobiphenyl
 Concen: 84.787 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1039958		
171	35.4	29.7	44.5	
170	23.7	19.6	29.4	





#45
 1,1'-Biphenyl
 Concen: 38.725 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

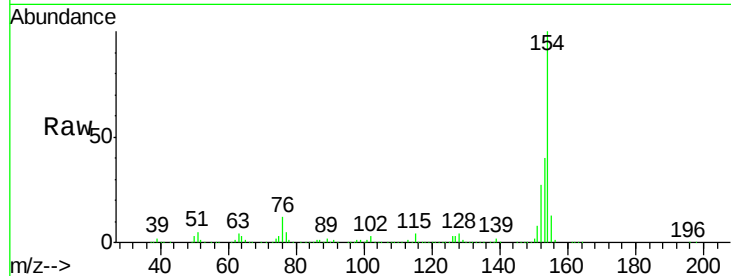
Instrument :
 BNA_F
 ClientSampleId :
 S22-0029MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	12.4	0.0	34.0

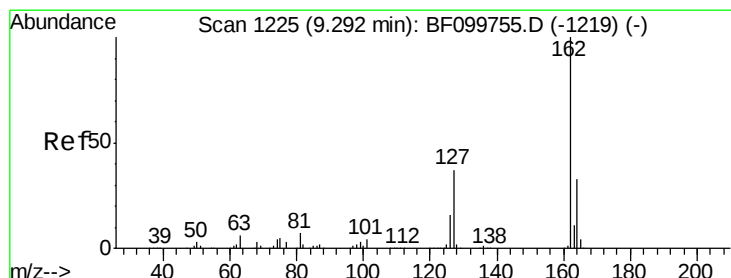
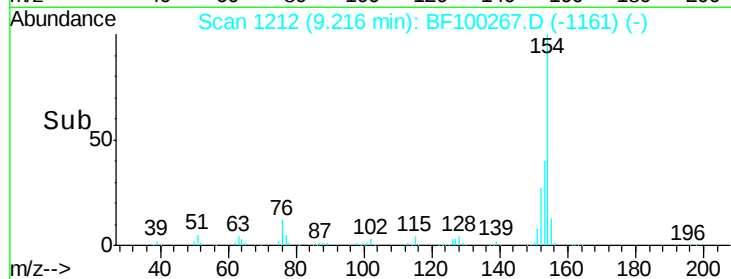
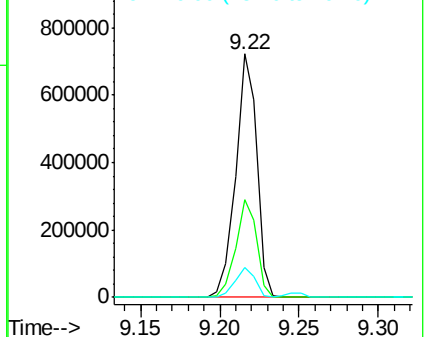
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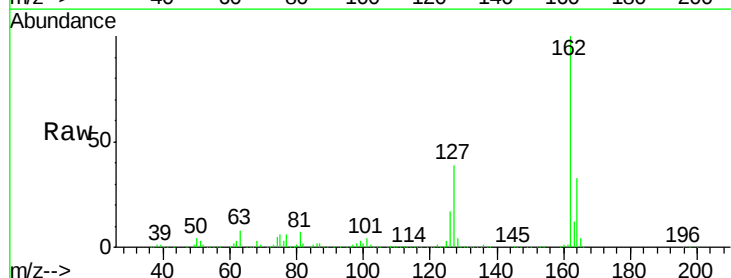


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

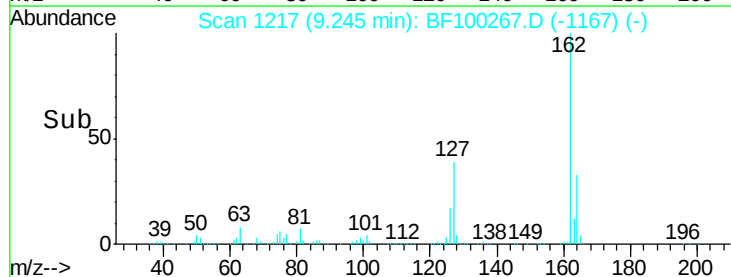
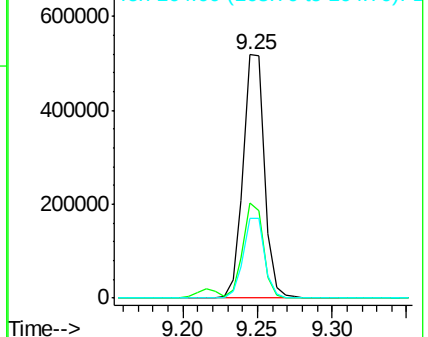


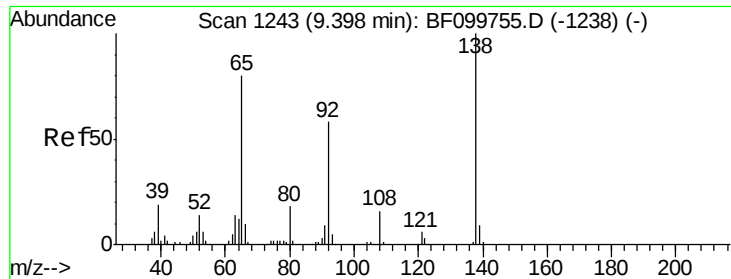
#46
 2-Chloronaphthalene
 Concen: 41.372 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	33.9	50.9
164	32.6	26.5	39.7



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





#47
2-Nitroaniline
Concen: 41.926 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

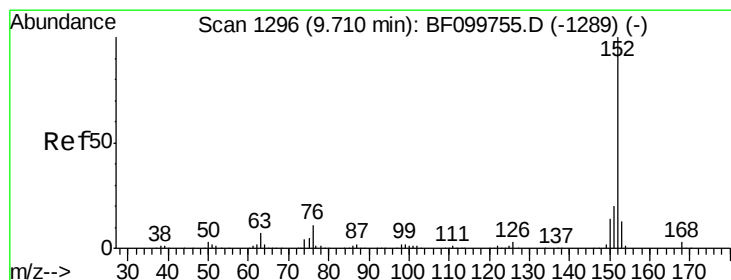
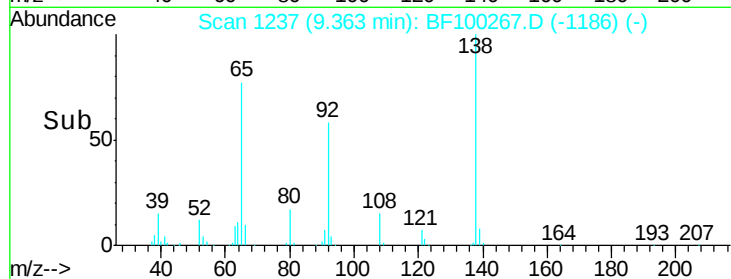
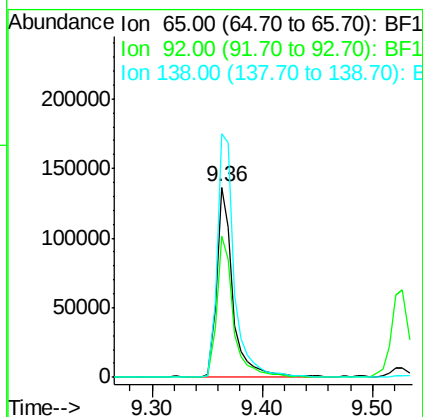
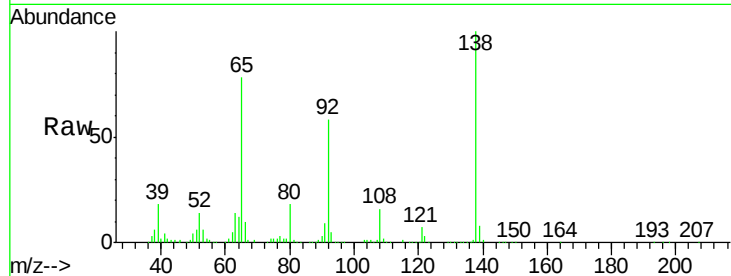
Instrument :
BNA_F
ClientSampleId :
S22-0029MS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	136806		
92	74.1	55.8	83.6	
138	128.0	91.2	136.8	

Manual Integrations
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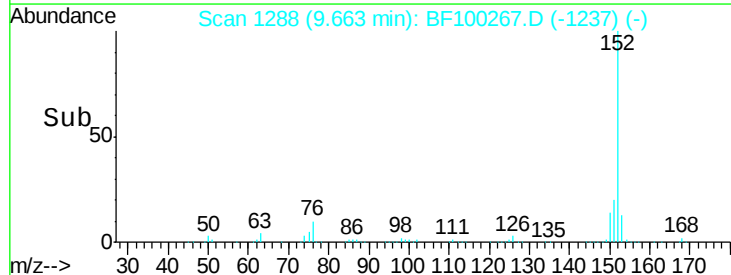
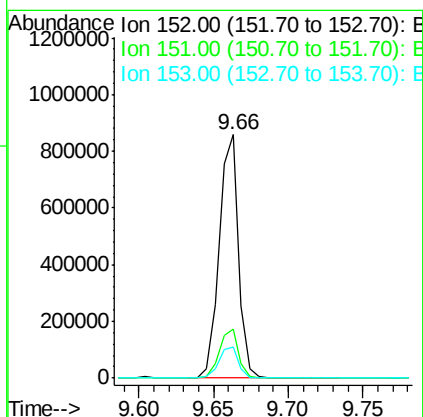
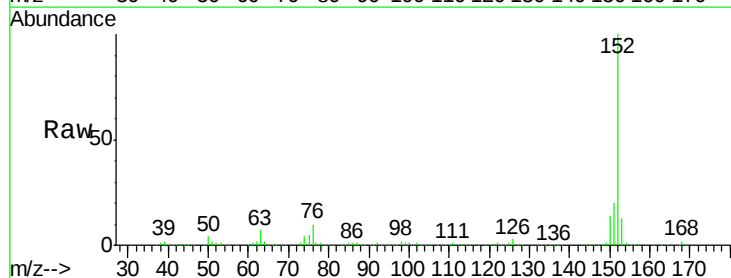
Sohil

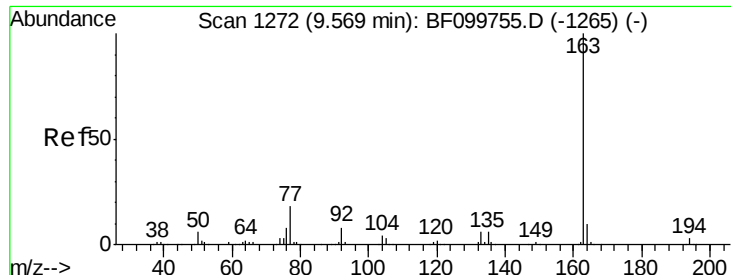
11/7/2017 5:39:57 PM



#48
Acenaphthylene
Concen: 40.694 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	779245		
151	20.0	16.3	24.5	
153	12.8	10.7	16.1	





#49
Dimethylphthalate
Concen: 39.915 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

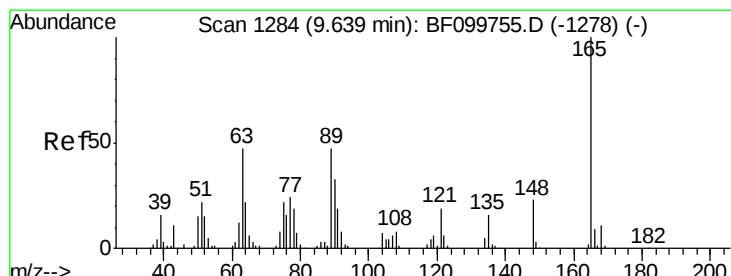
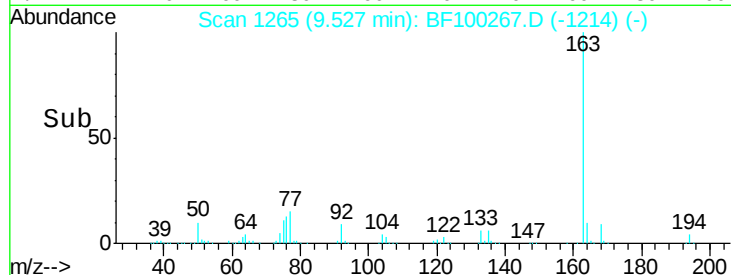
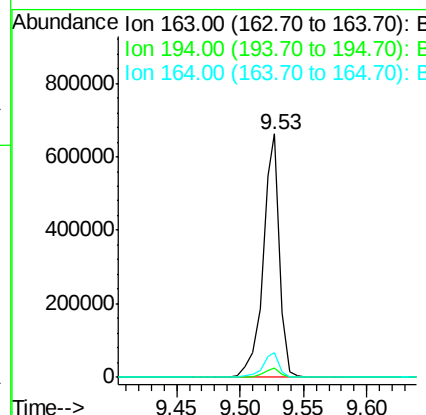
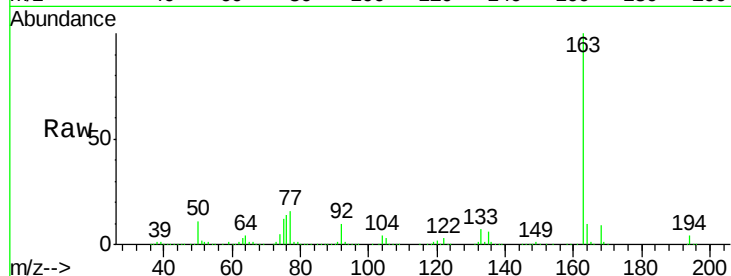
Instrument :
BNA_F
ClientSampleId :
S22-0029MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	2.7	4.1
164	9.9	8.2	12.2

Manual Integrations
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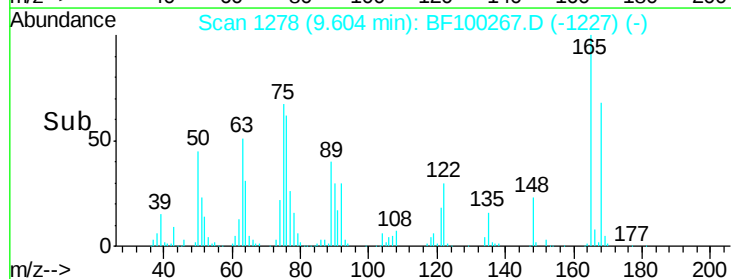
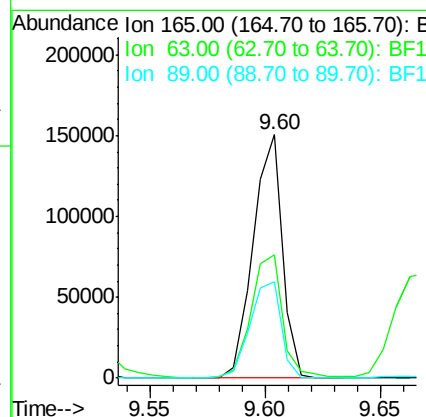
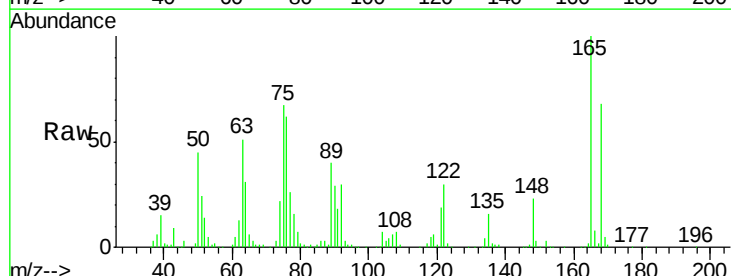
Sohil

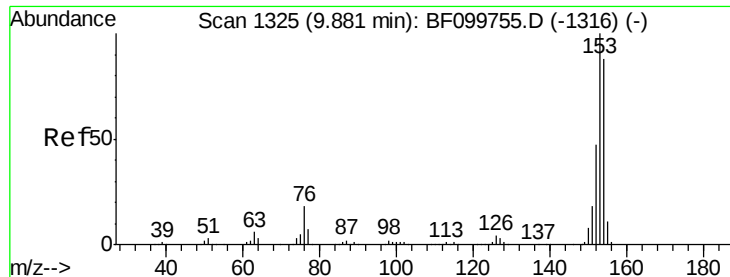
11/7/2017 5:39:57 PM



#50
2,6-Dinitrotoluene
Concen: 42.390 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	50.6	44.7	67.1
89	39.6	44.0	66.0





#51

Acenaphthene

Concen: 39.625 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

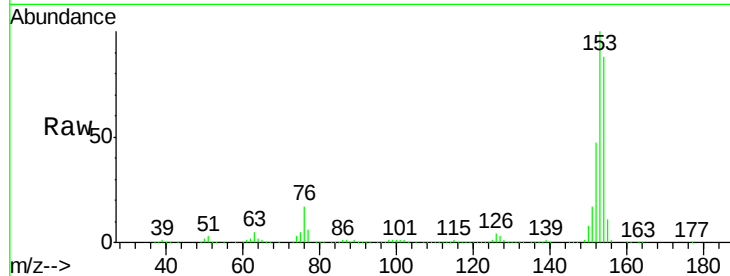
S22-0029MS

Tgt Ion:	154	Resp:	463630
Ion Ratio	Lower	Upper	
154	100		
153	113.5	91.2	136.8
152	53.6	43.8	65.8

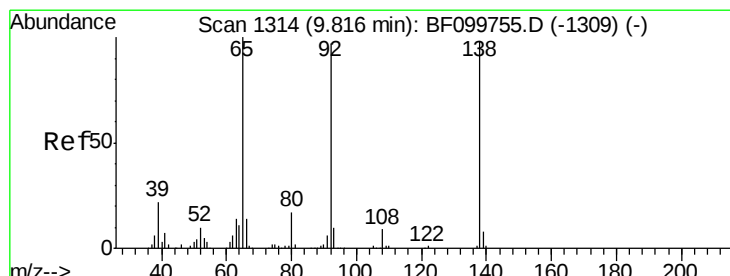
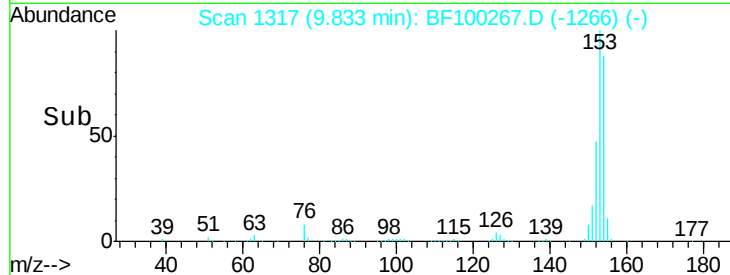
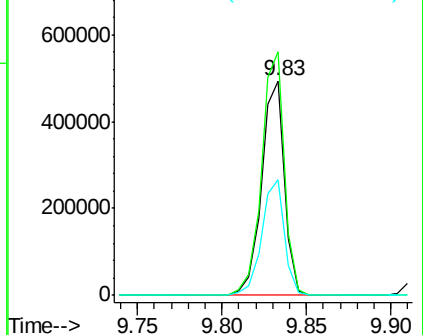
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.802 ng

RT: 9.79 min Scan# 1309

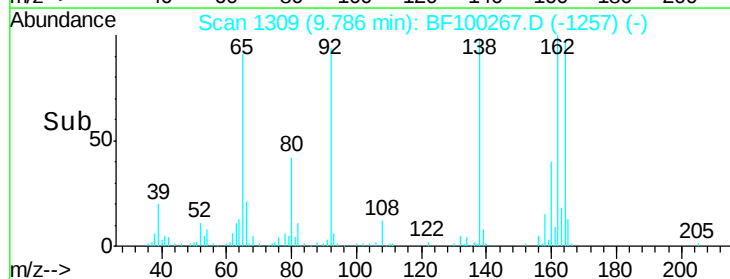
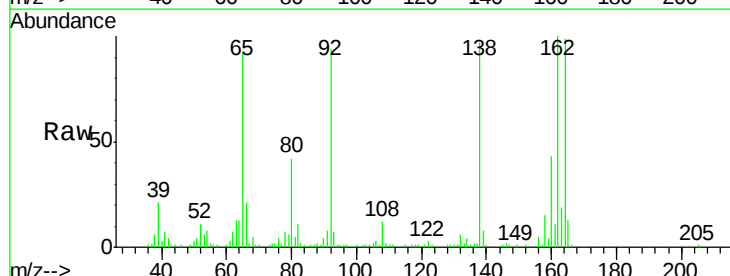
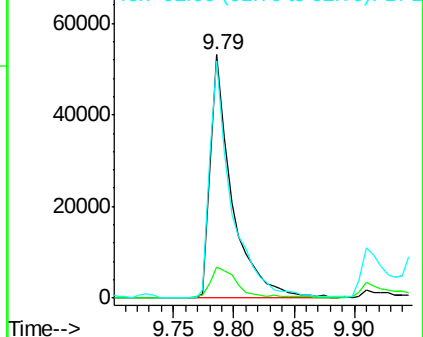
Delta R.T. 0.01 min

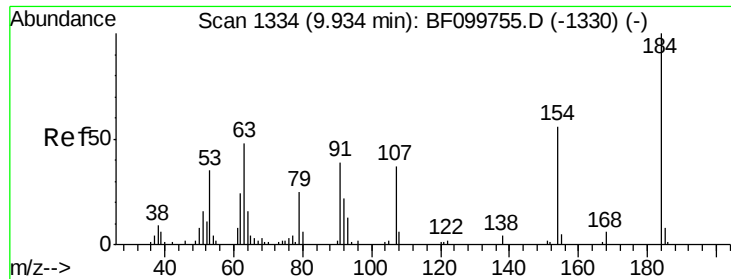
Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Tgt Ion:	138	Resp:	66083
Ion Ratio	Lower	Upper	
138	100		
108	12.6	9.4	14.0
92	97.6	89.4	134.2

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





#53
 2,4-Dinitrophenol
 Concen: 86.452 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

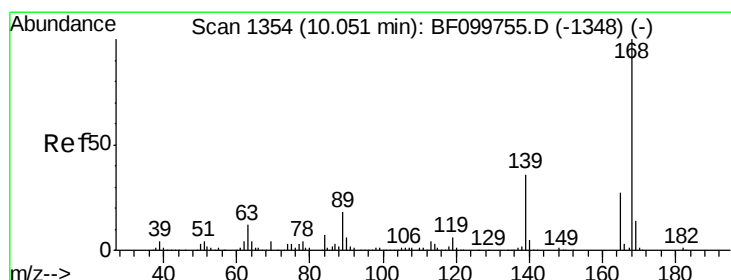
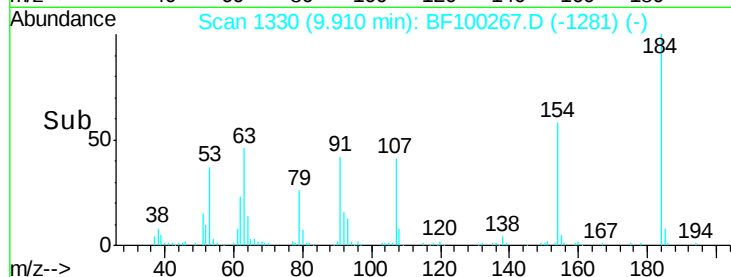
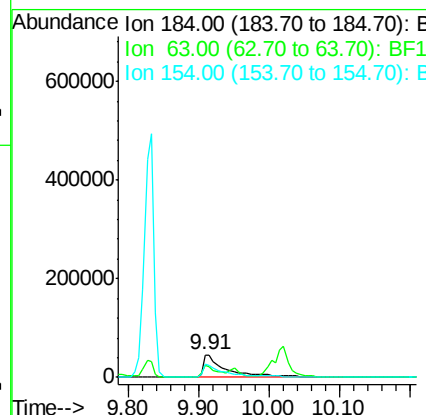
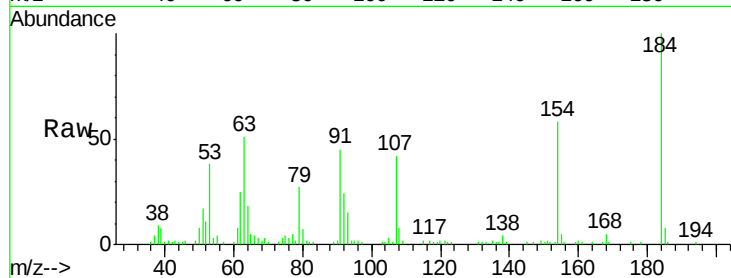
Instrument :
 BNA_F
 ClientSampled :
 S22-0029MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	108158		
63	51.5	54.2	81.2#	
154	57.8	53.5	80.3	

Manual Integrations
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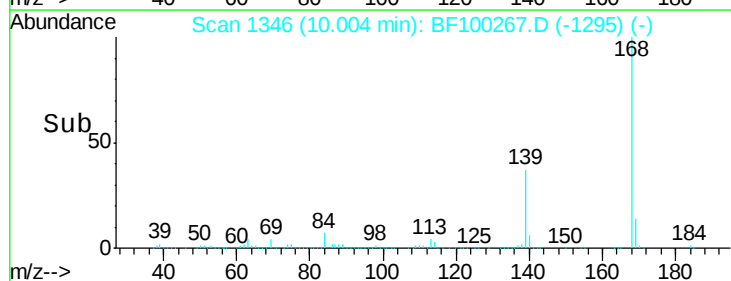
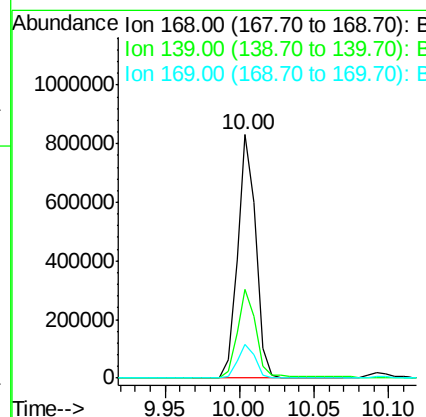
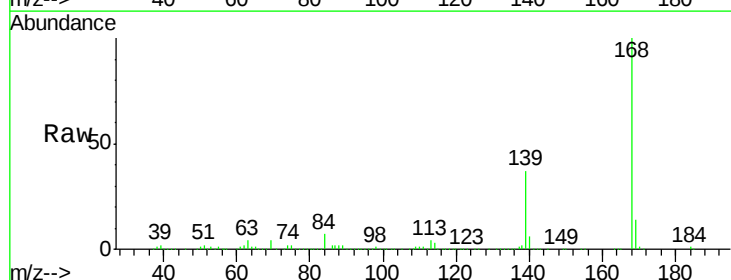
Sohil

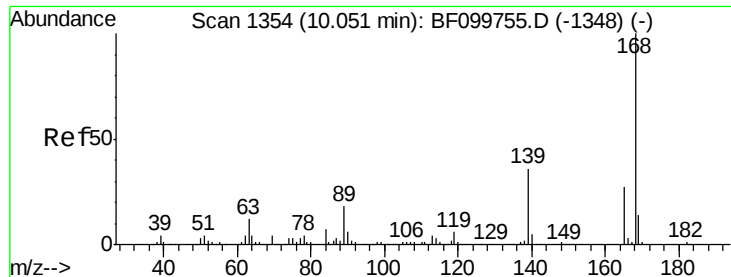
11/7/2017 5:39:57 PM



#54
 Dibenzofuran
 Concen: 43.036 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

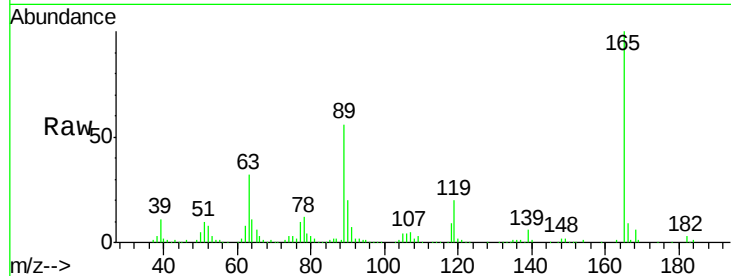
Tgt Ion	Ratio	Resp	Lower	Upper
168	100	710769		
139	36.6	30.1	45.1	
169	13.6	10.9	16.3	





#56
2,4-Dinitrotoluene
Concen: 49.518 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Instrument :
BNA_F
ClientSampleId :
S22-0029MS

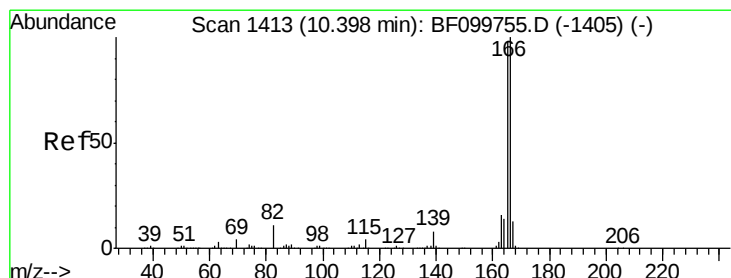
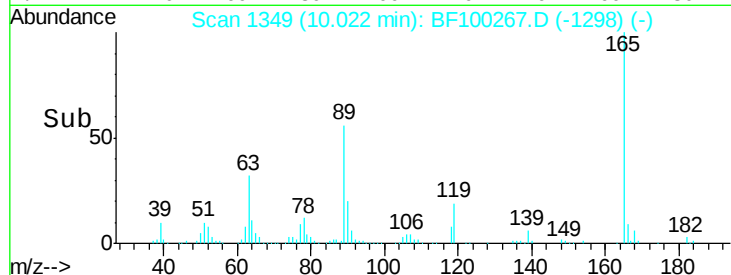
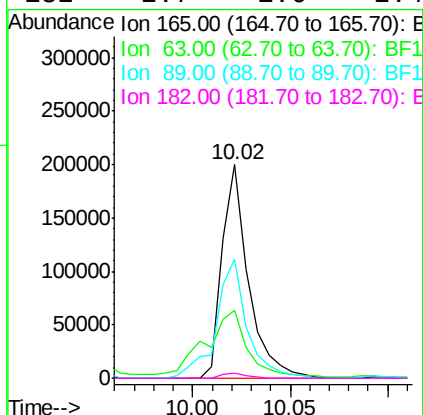


Tgt Ion	Ratio	Resp	Lower	Upper
165	100	187872		
63	32.0	36.4	54.6#	
89	55.6	57.8	86.6#	
182	2.7	1.6	2.4#	

Manual Integrations
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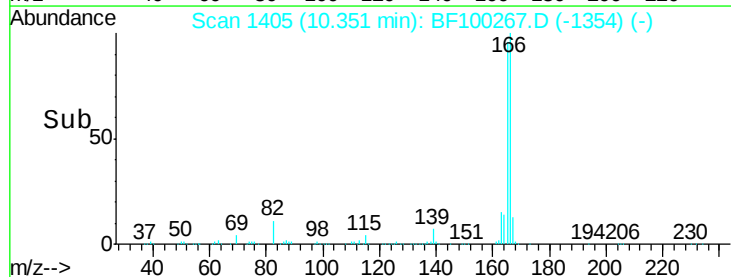
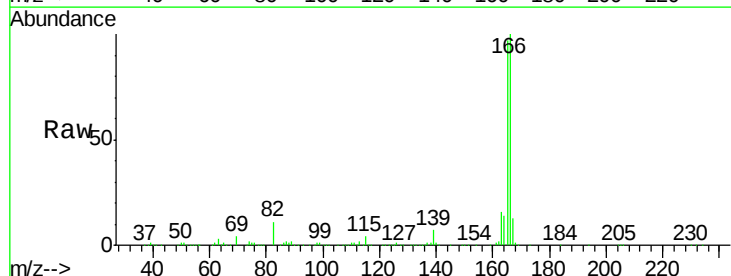
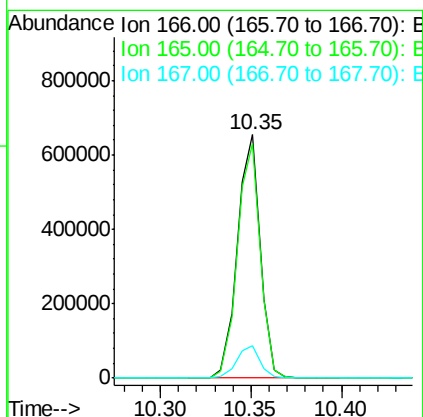
Sohil

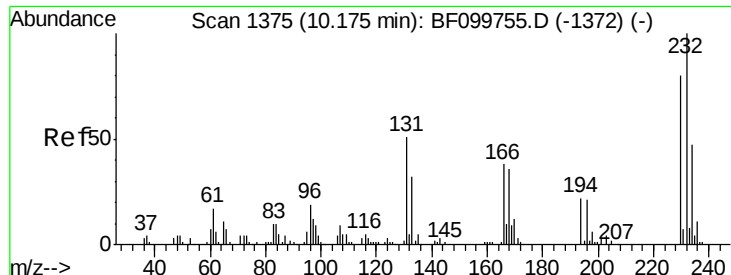
11/7/2017 5:39:57 PM



#57
Fluorene
Concen: 41.737 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	570738		
165	96.6	79.8	119.8	
167	13.2	10.6	16.0	





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.022 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

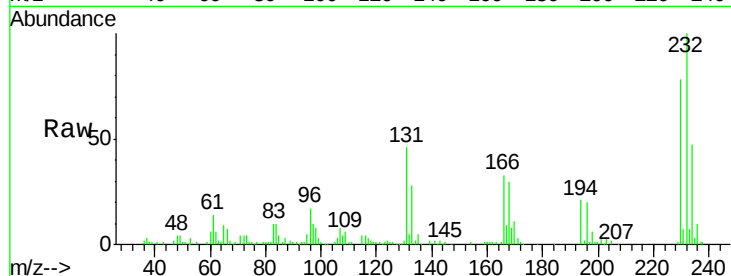
Instrument :
 BNA_F
 ClientSampled :
 S22-0029MS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	126591		
131	40.8	43.8	65.8#	
130	2.3	2.1	3.1	
166	28.8	27.8	41.6	

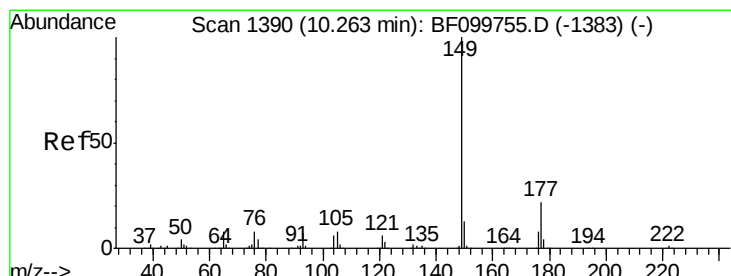
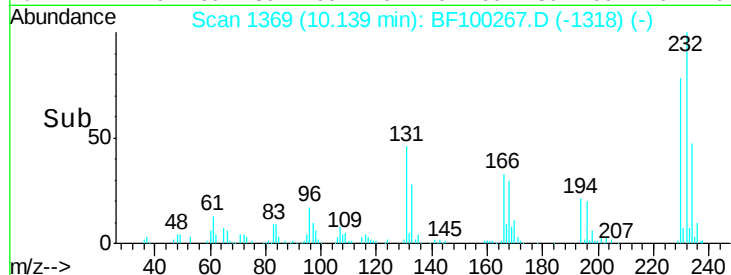
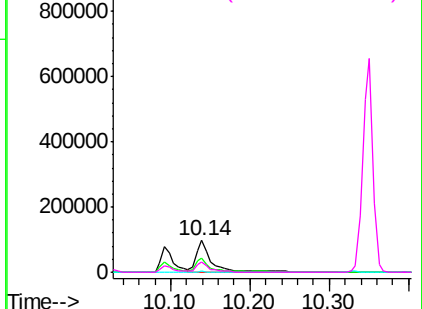
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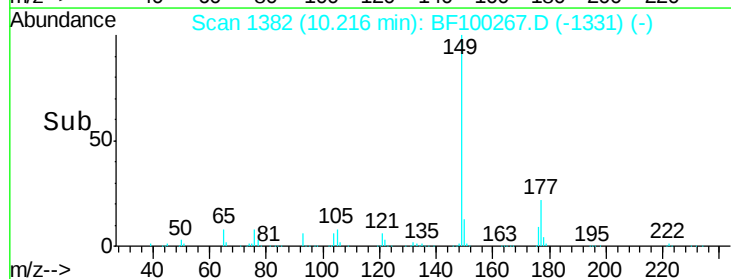
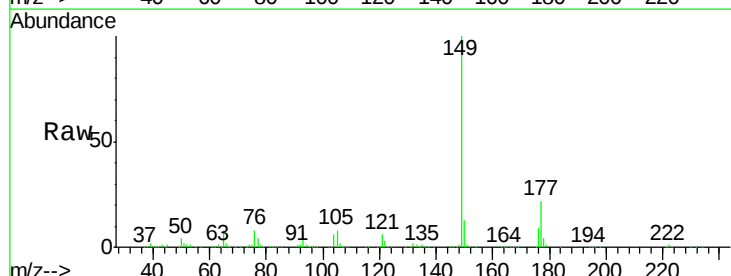
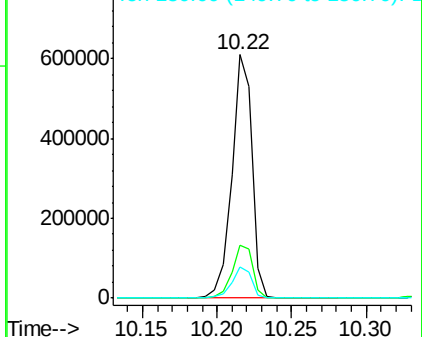
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

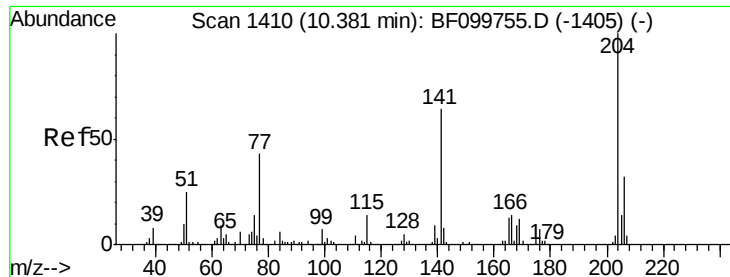


#59
 Diethylphthalate
 Concen: 39.805 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	582533		
177	21.8	16.1	24.1	
150	12.7	10.1	15.1	

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





#60
 4-Chlorophenyl-phenylether
 Concen: 40.783 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

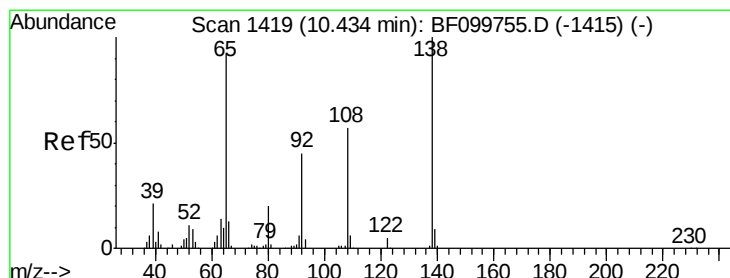
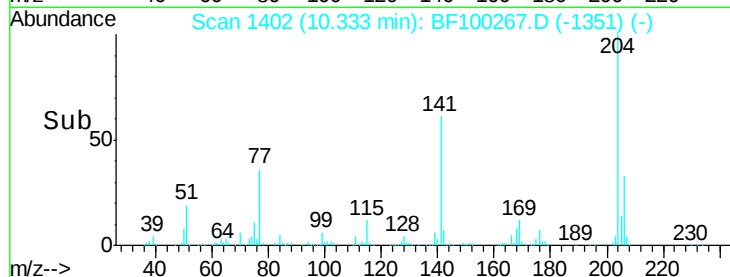
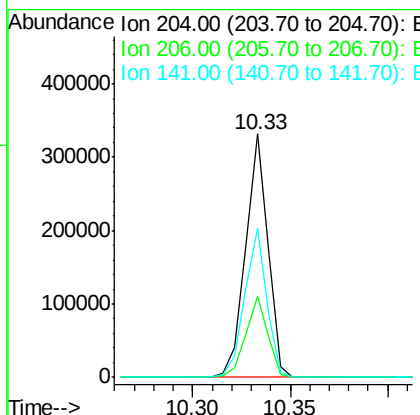
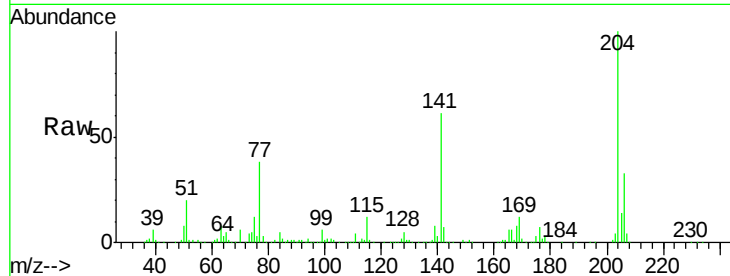
Instrument :
 BNA_F
 ClientSampled :
 S22-0029MS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	61.0	54.6	81.8

Manual Integrations
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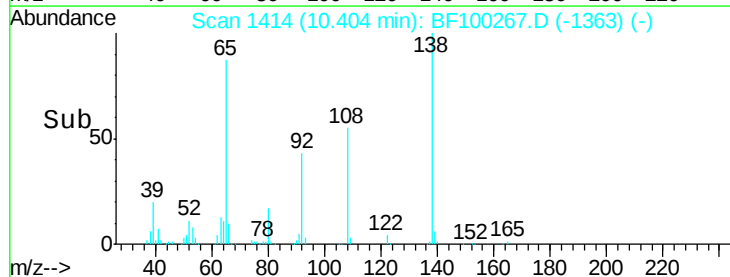
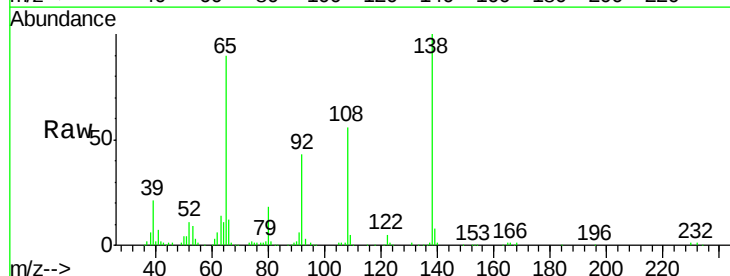
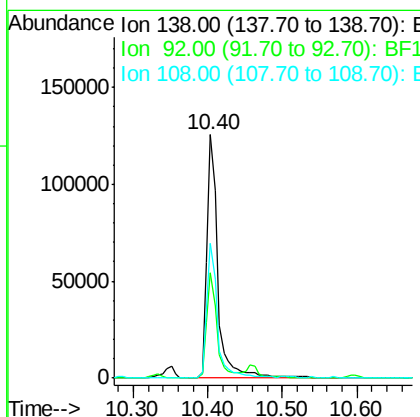
Sohil

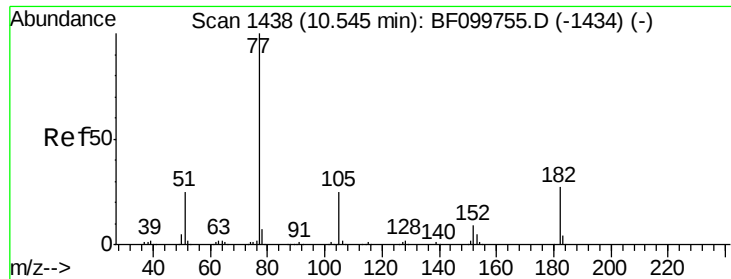
11/7/2017 5:39:57 PM



#61
 4-Nitroaniline
 Concen: 36.928 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.3	30.2	70.2
108	55.6	52.5	92.5





#62

Azobenzene

Concen: 40.616 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

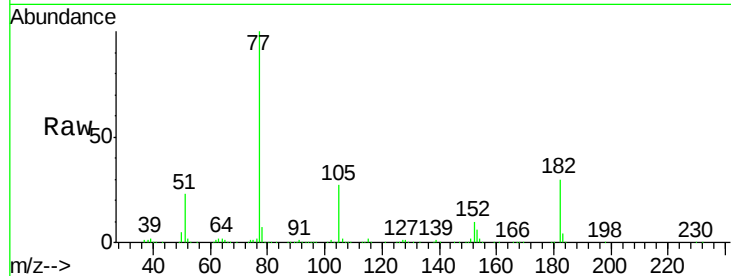
S22-0029MS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.0	1.7	41.7
105	26.8	3.0	43.0
51	23.3	9.9	49.9

Manual Integrations
APPROVED

Sohil

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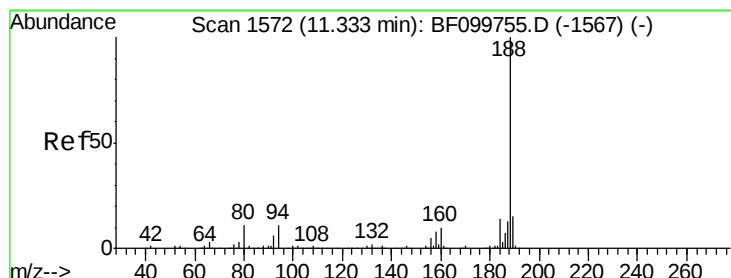
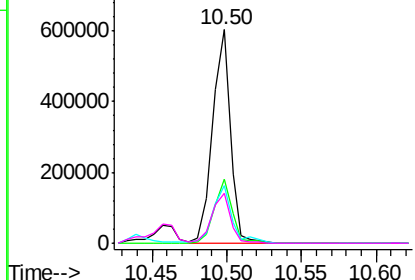
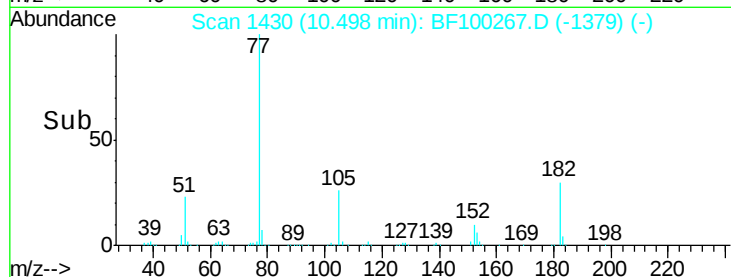


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

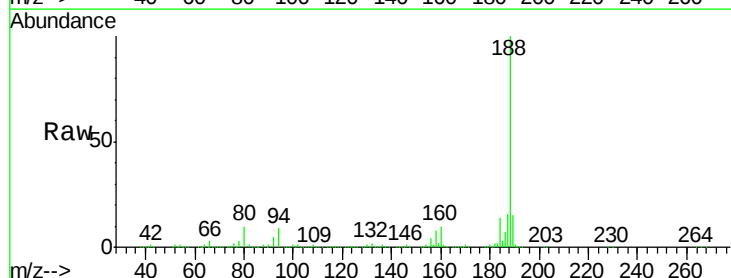
RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

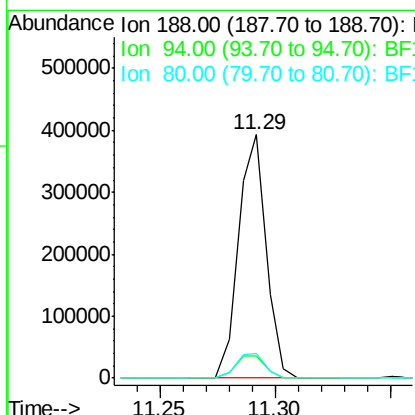
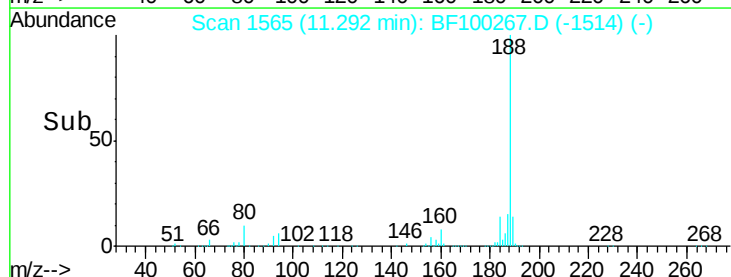
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.9	9.2	13.8

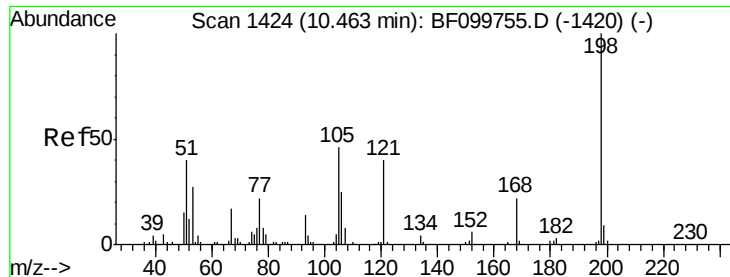


Abundance Ion 188.00 (187.70 to 188.70): E

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: 32.129 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

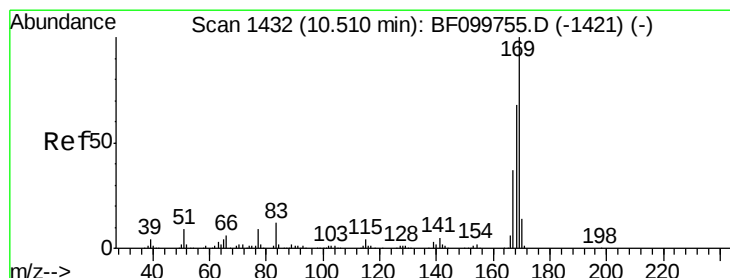
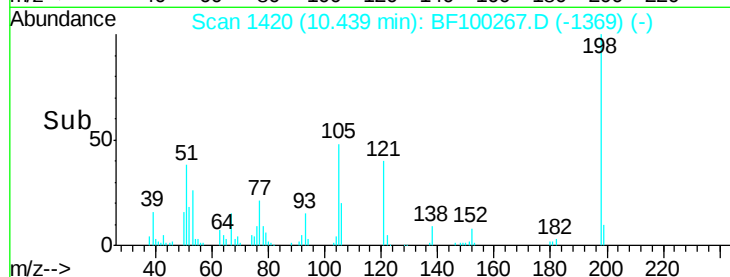
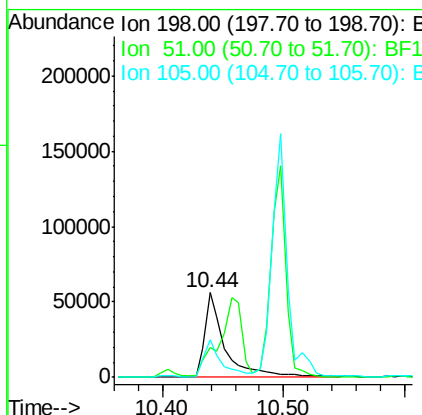
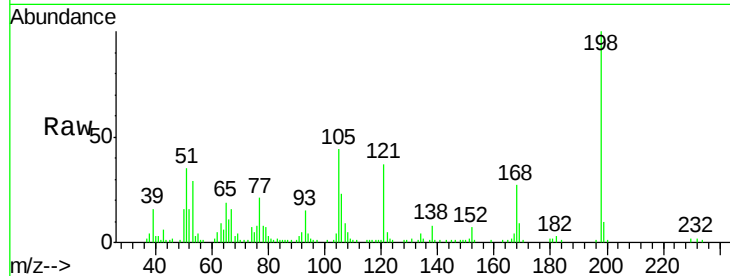
Instrument :
BNA_F
ClientSampled :
S22-0029MS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	34.6	37.7	77.7#
105	43.8	36.3	76.3

Manual Integrations
APPROVED

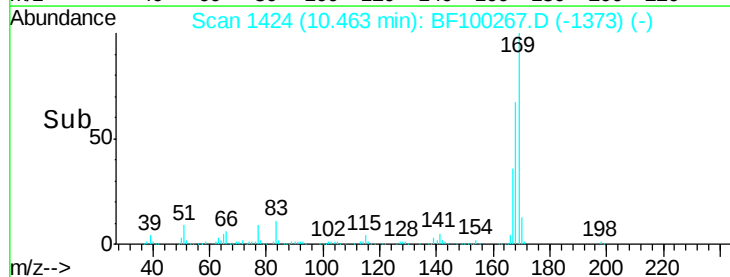
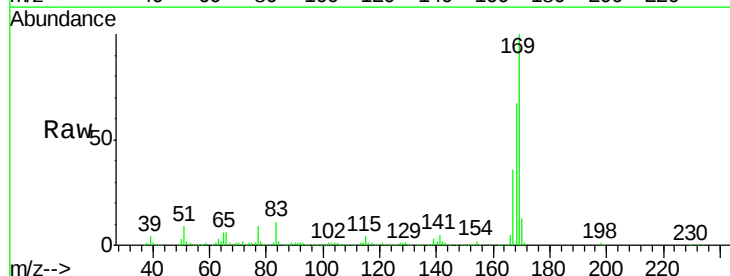
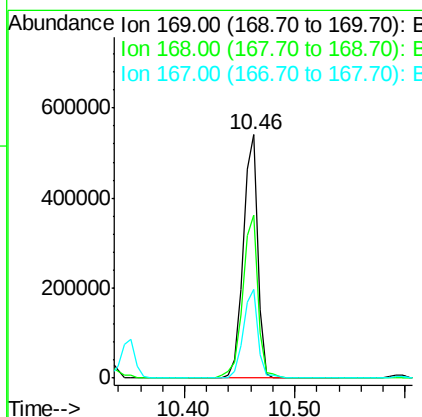
Sohil

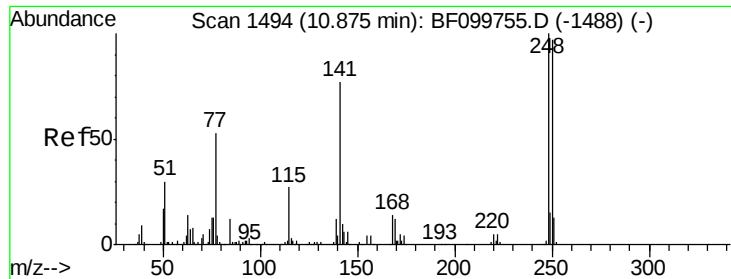
11/7/2017 5:39:57 PM



#65
n-Nitrosodiphenylamine
Concen: 41.266 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.4	81.6
167	36.3	29.8	44.6





#66
4-Bromophenyl-phenylether
Concen: 44.113 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

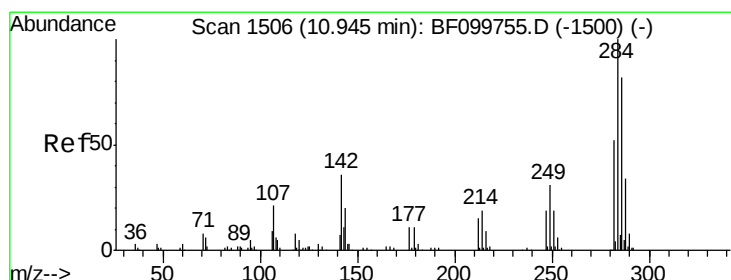
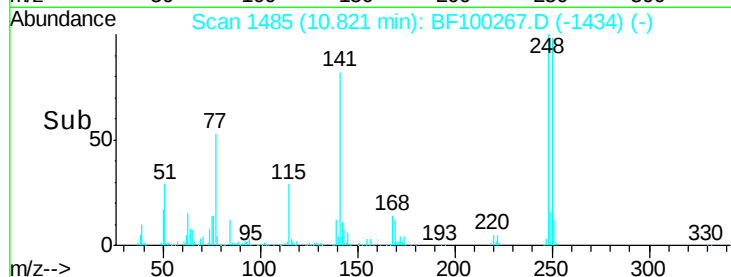
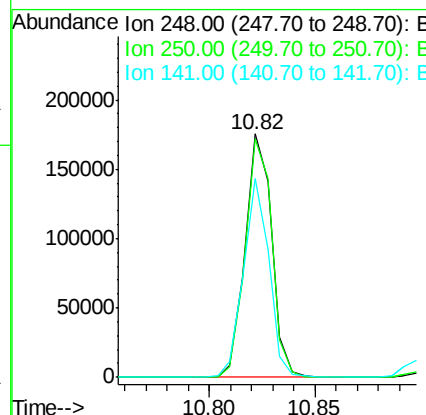
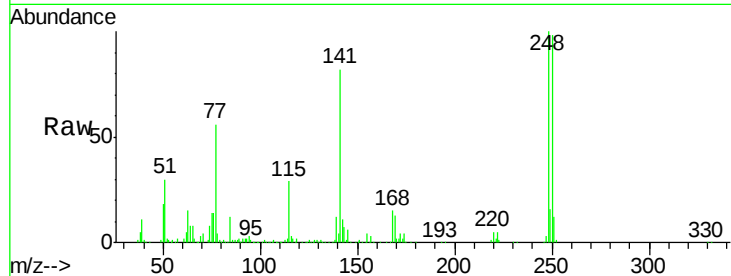
Instrument :
BNA_F
ClientSampleId :
S22-0029MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.9	115.3
141	81.7	74.4	111.6

Manual Integrations
APPROVED

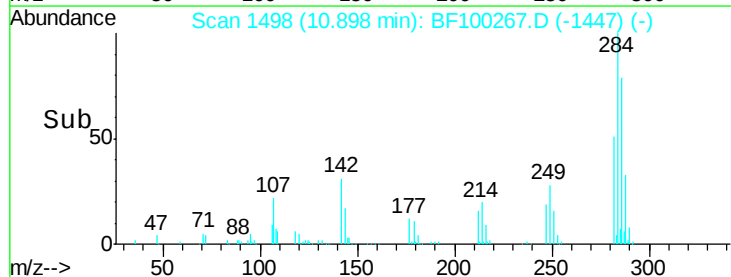
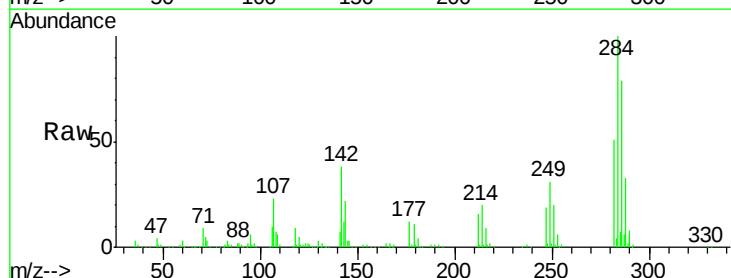
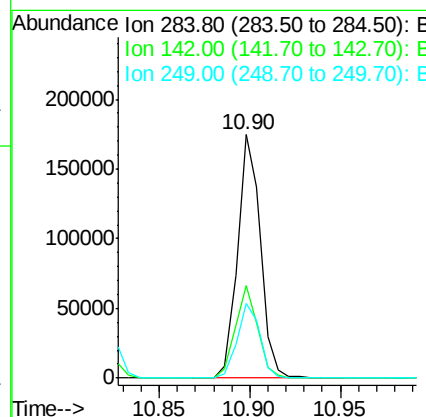
Sohil

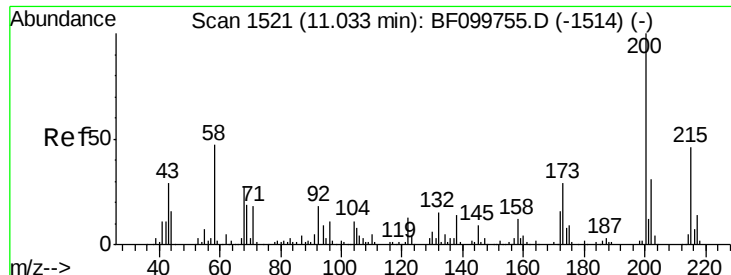
11/7/2017 5:39:57 PM



#67
Hexachlorobenzene
Concen: 43.266 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.2	34.6	52.0
249	30.7	24.8	37.2





#68
 Atrazine
 Concen: 41.444 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

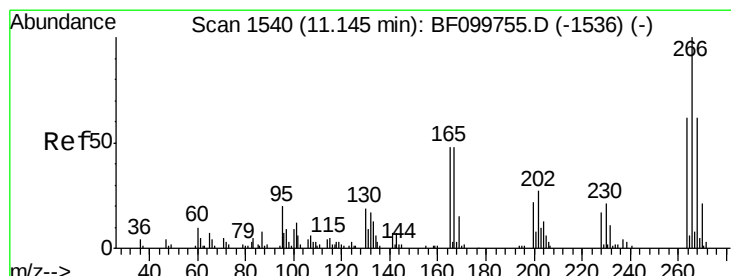
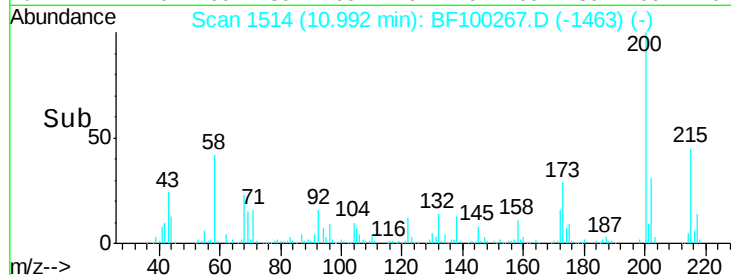
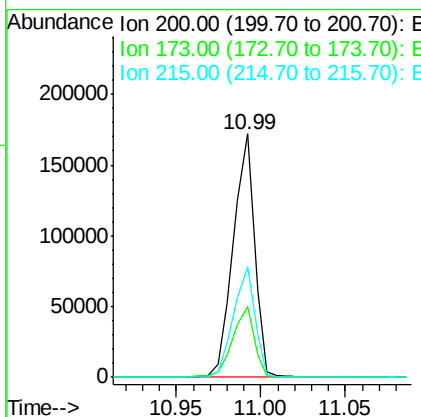
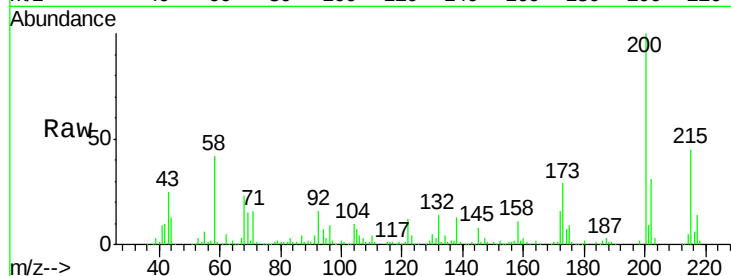
Instrument :
 BNA_F
 ClientSampleId :
 S22-0029MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.1	8.6	48.6
215	45.4	25.1	65.1

Manual Integrations
 APPROVED

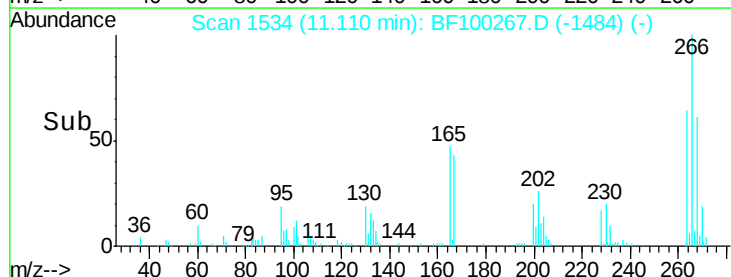
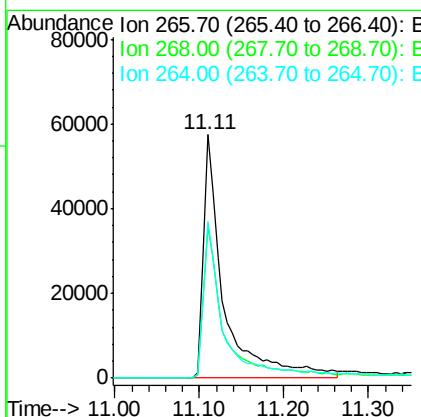
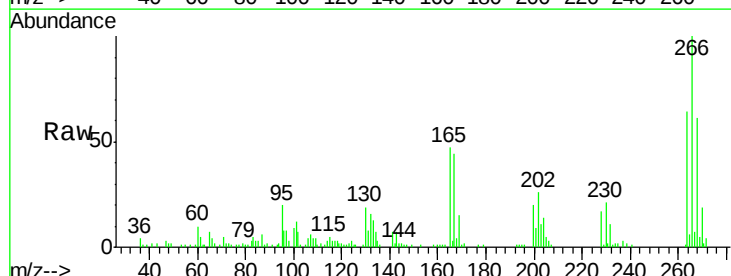
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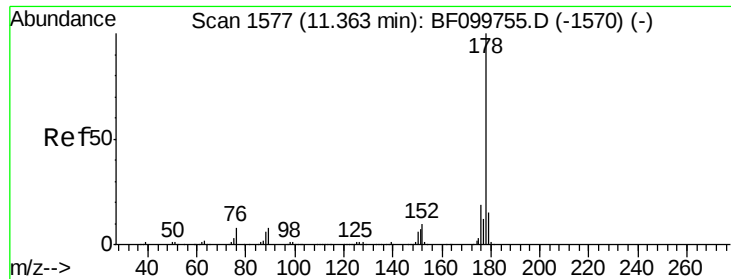
11/7/2017 5:39:57 PM



#69
 Pentachlorophenol
 Concen: 64.185 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.5	51.1	76.7
264	64.3	49.5	74.3





#70
Phenanthrene
Concen: 42.851 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

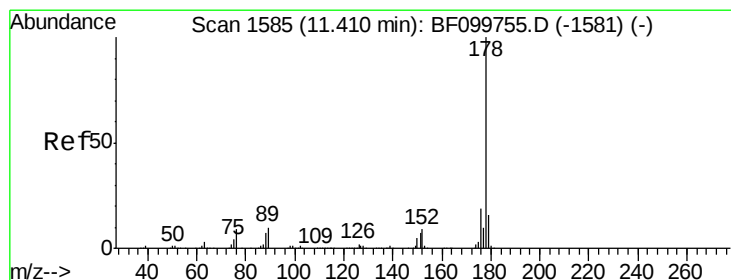
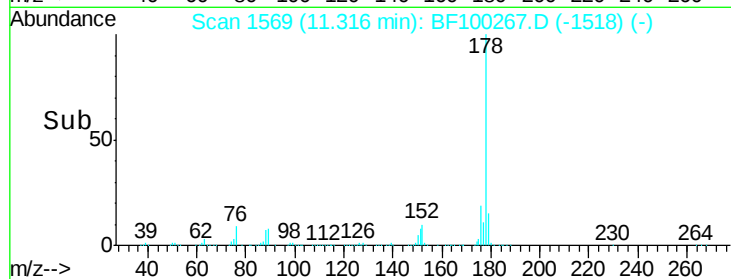
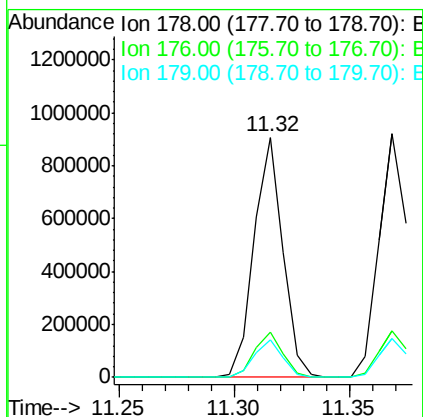
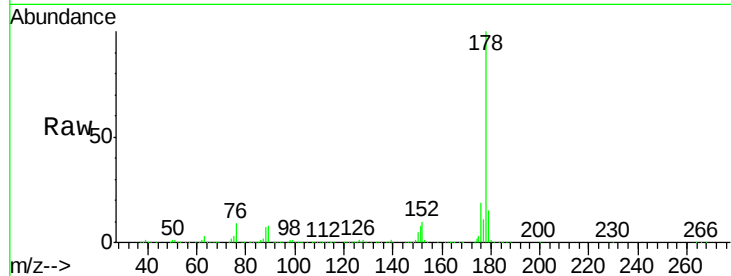
Instrument :
BNA_F
ClientSampleId :
S22-0029MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.4	13.0	19.6

Manual Integrations
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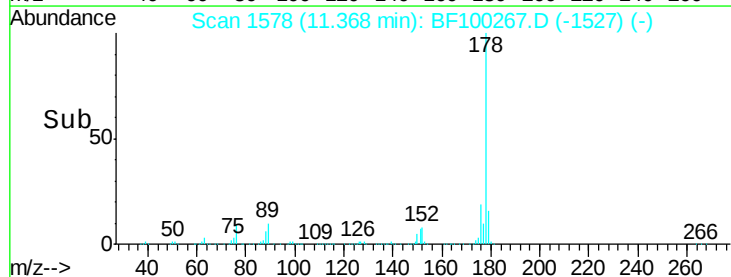
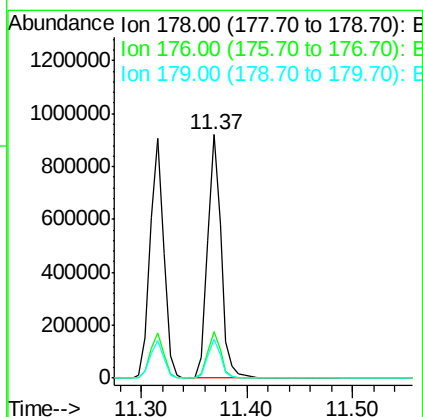
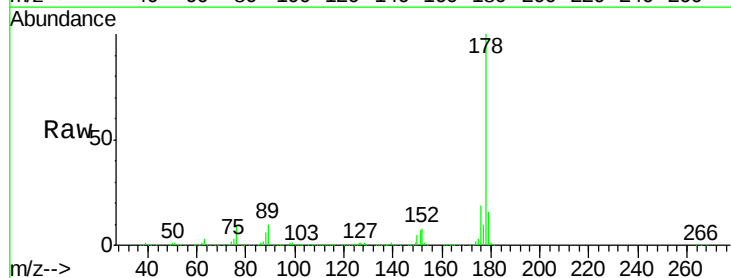
Sohil

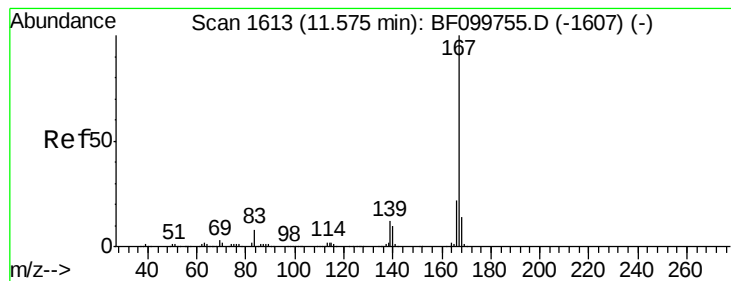
11/7/2017 5:39:57 PM



#71
Anthracene
Concen: 43.729 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.7	12.6	19.0





#72
 Carbazole
 Concen: 42.719 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

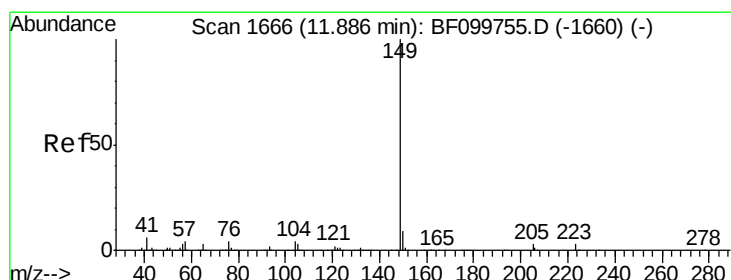
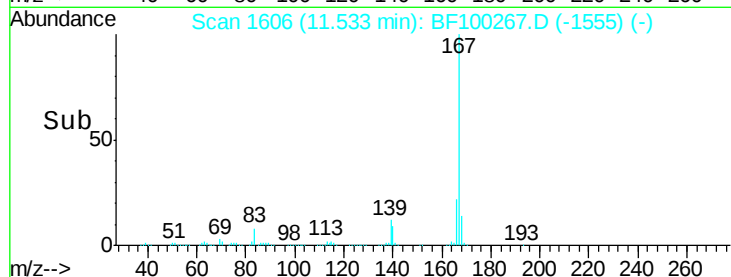
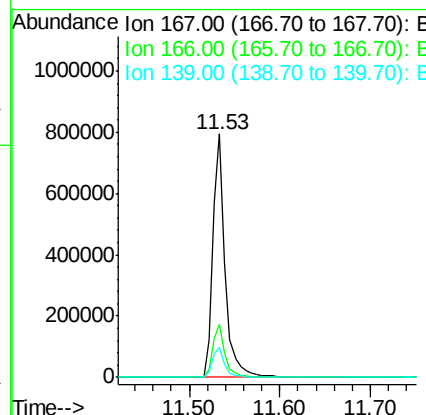
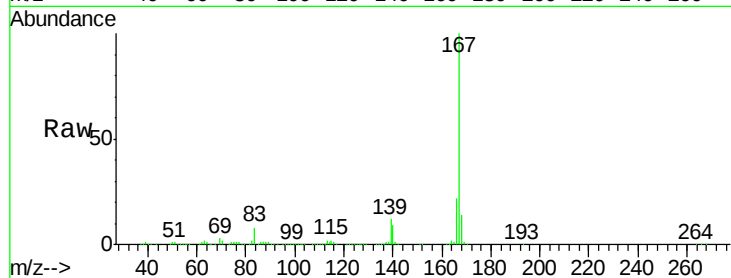
Instrument :
 BNA_F
 ClientSampleId :
 S22-0029MS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.3	10.9	16.3

Manual Integrations
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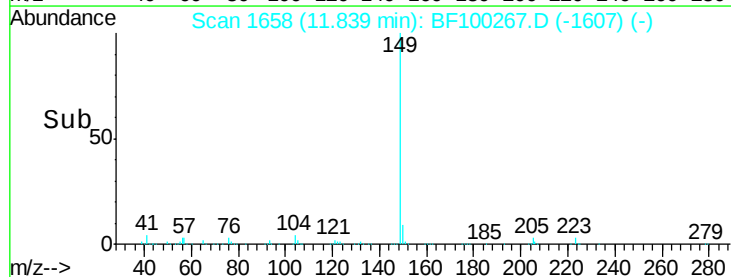
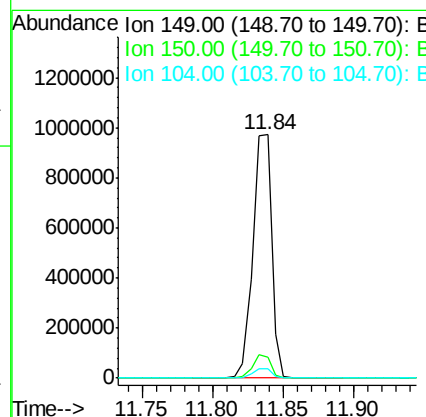
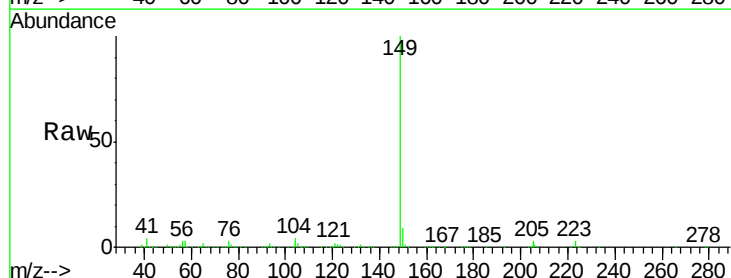
Sohil

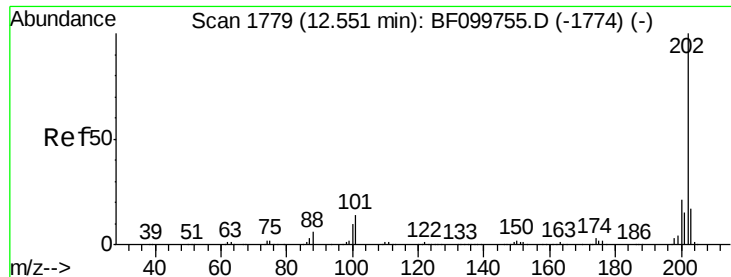
11/7/2017 5:39:57 PM



#73
 Di-n-butylphthalate
 Concen: 40.572 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.8	11.6
104	3.6	3.8	5.8





#74
Fluoranthene
 Concen: 40.434 ng
 RT: 12.51 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

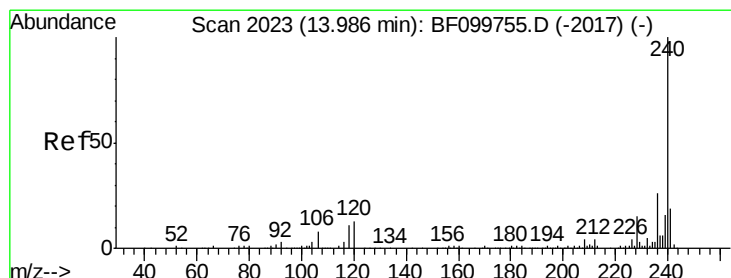
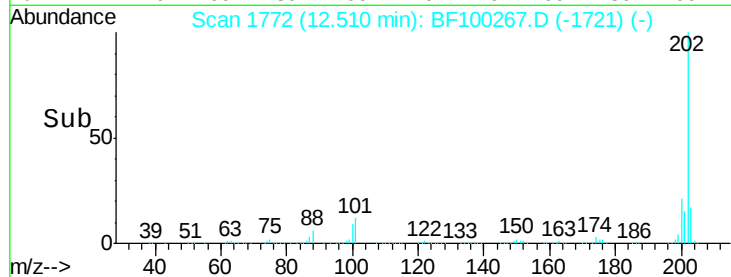
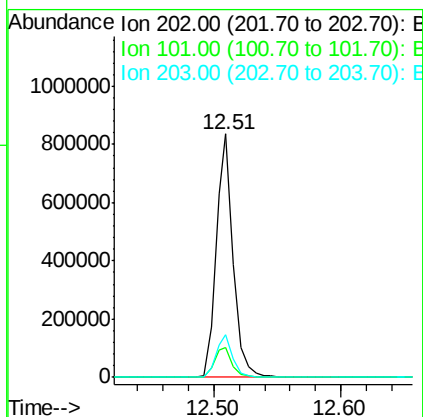
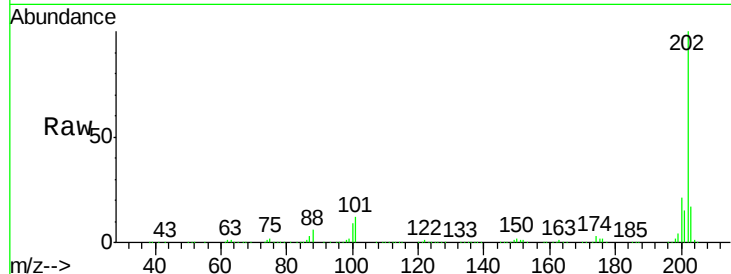
Instrument :
 BNA_F
 ClientSampled :
 S22-0029MS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	779084		
101	12.3	0.0	34.1	
203	17.5	0.0	38.1	

Manual Integrations
 APPROVED

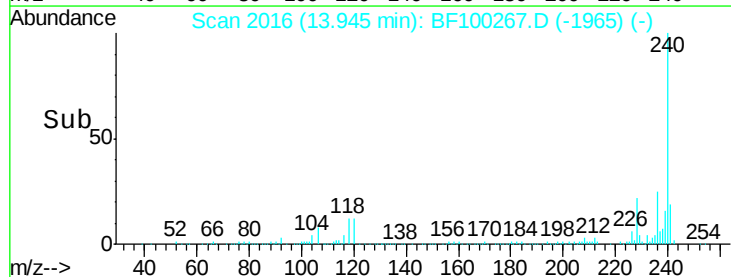
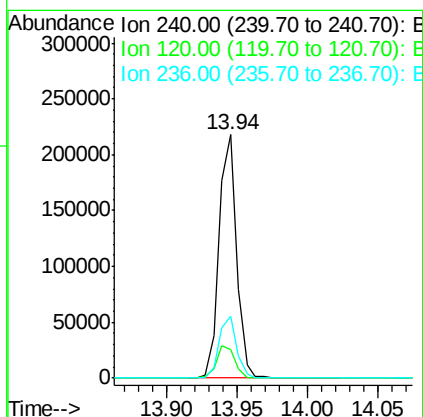
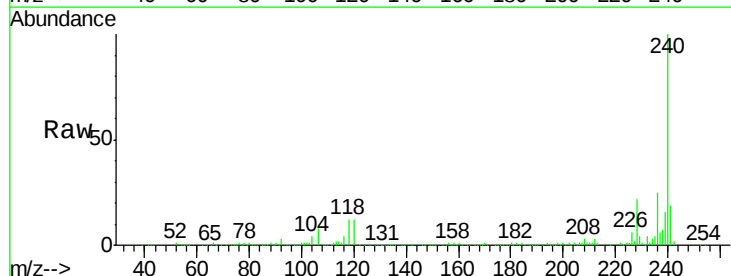
Sohil

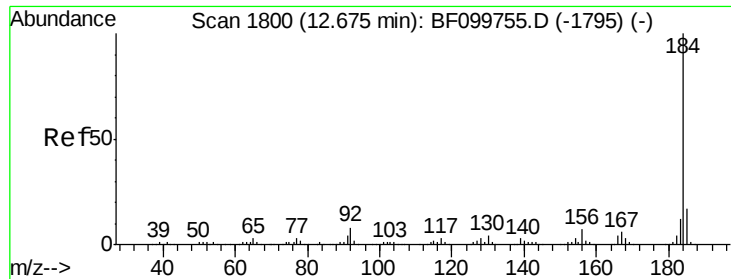
11/7/2017 5:39:57 PM



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	187952		
120	11.9	9.5	14.3	
236	25.2	20.7	31.1	





#76
Benzidine
Concen: 16.731 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

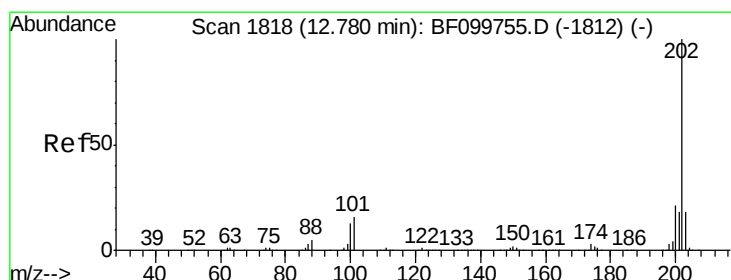
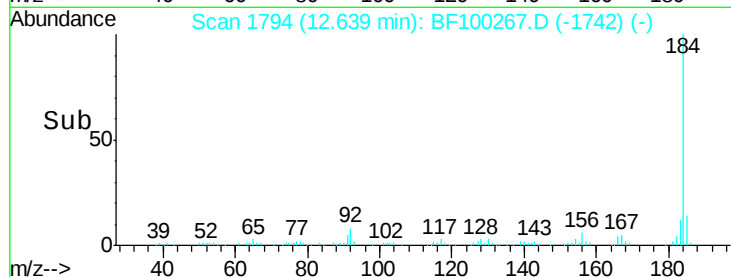
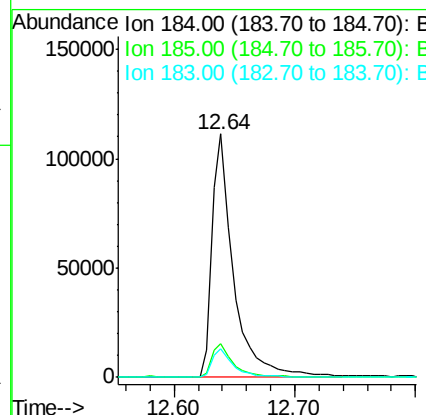
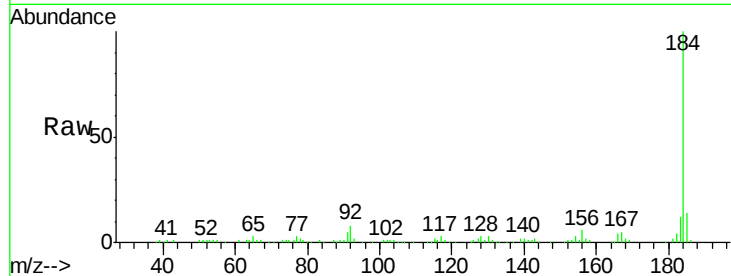
Instrument :
BNA_F
ClientSampleId :
S22-0029MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	137597		
185	13.7	12.6	18.8	
183	11.6	9.3	13.9	

Manual Integrations
APPROVED

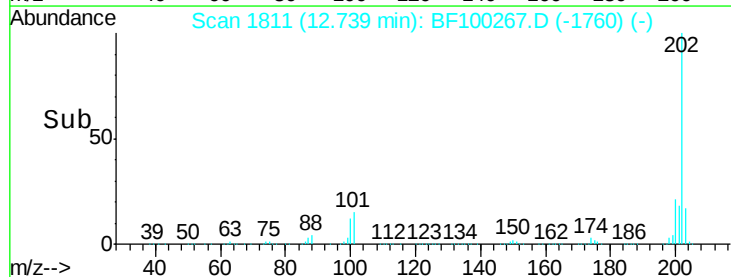
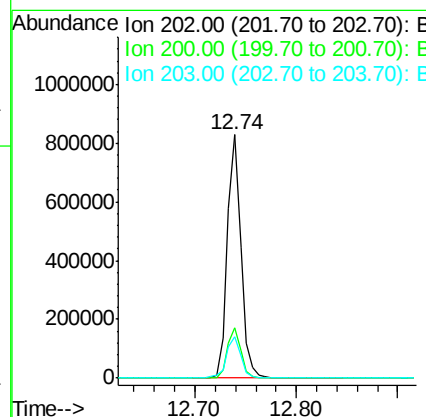
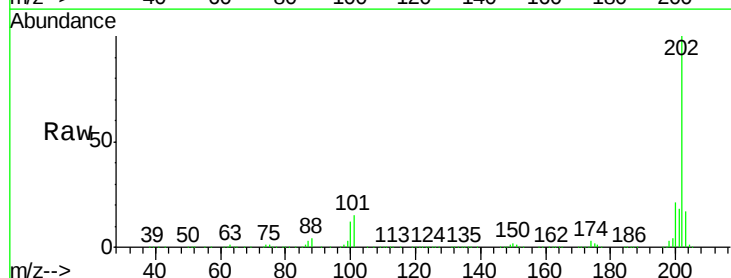
Sohil

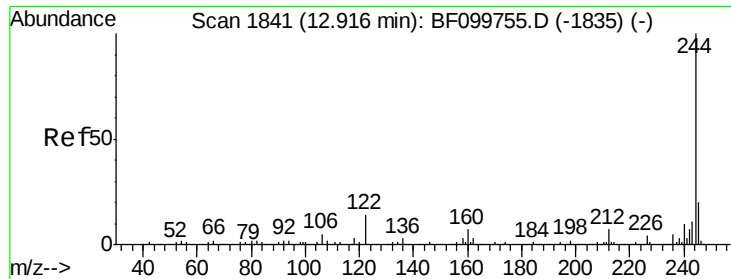
11/7/2017 5:39:57 PM



#77
Pyrene
Concen: 53.946 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	770985		
200	20.9	17.4	26.2	
203	17.1	14.3	21.5	





#78
 Terphenyl-d14
 Concen: 103.176 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

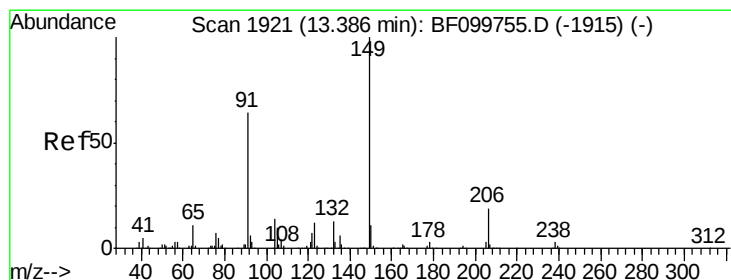
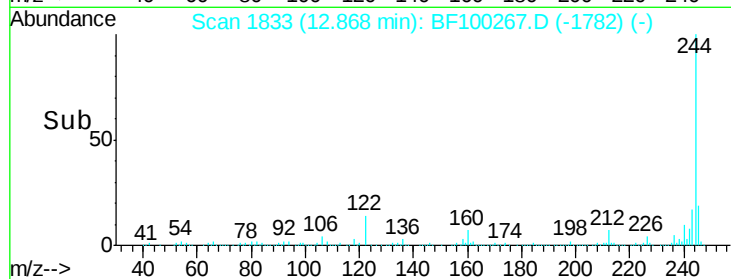
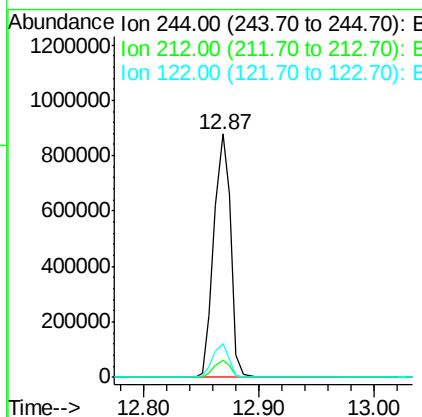
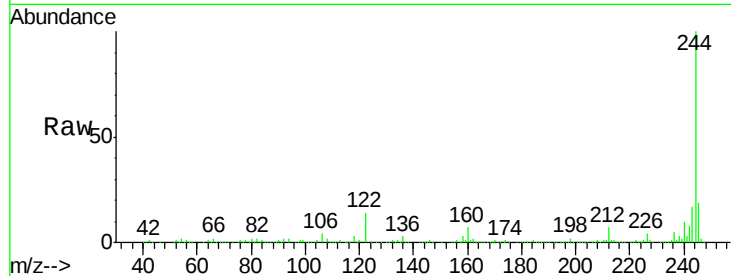
Instrument :
 BNA_F
 ClientSampled :
 S22-0029MS

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	887361		
212	6.9	5.4	8.0	
122	13.7	11.0	16.4	

Manual Integrations
 APPROVED

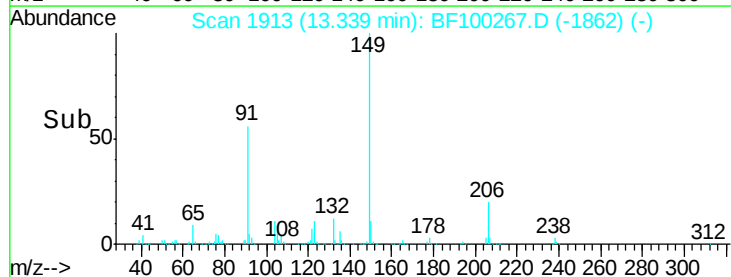
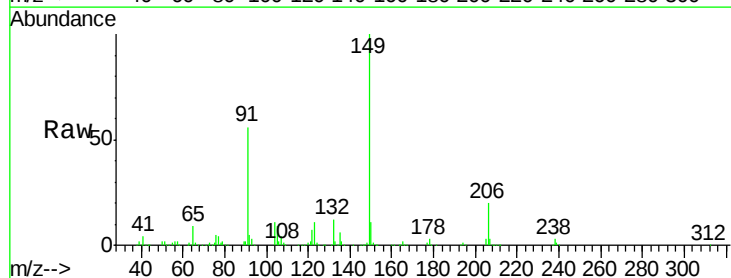
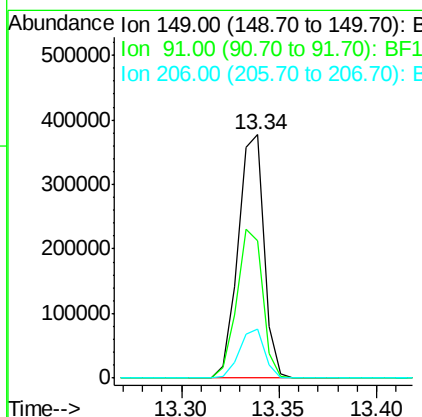
Sohil

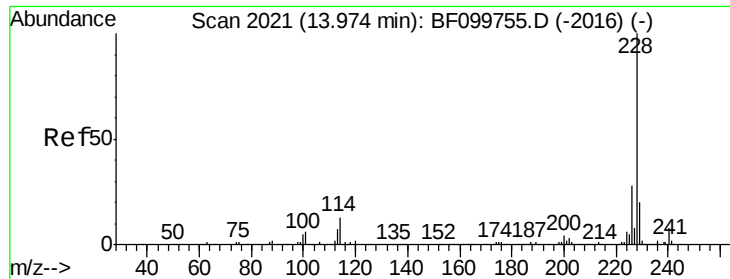
11/7/2017 5:39:57 PM



#79
 Butylbenzylphthalate
 Concen: 49.507 ng
 RT: 13.34 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: BF100267.D
 Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	348415		
91	56.3	56.8	85.2#	
206	20.3	14.1	21.1	





#80
Benzo(a)anthracene
Concen: 41.928 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

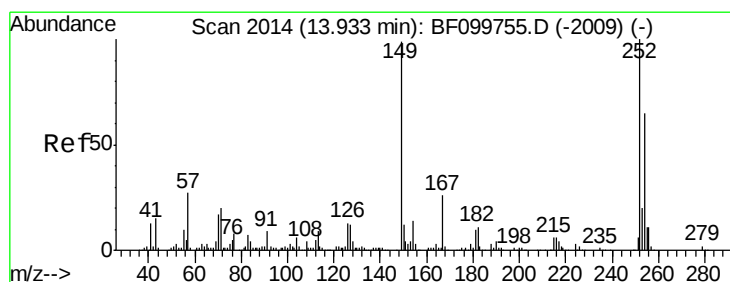
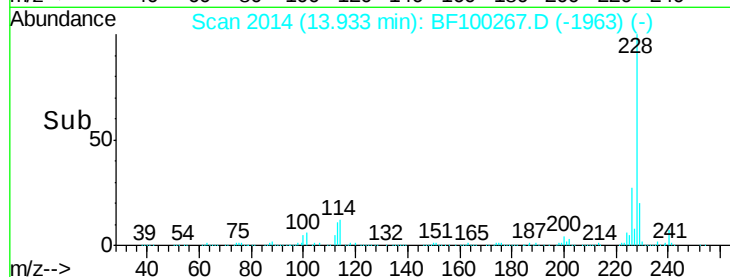
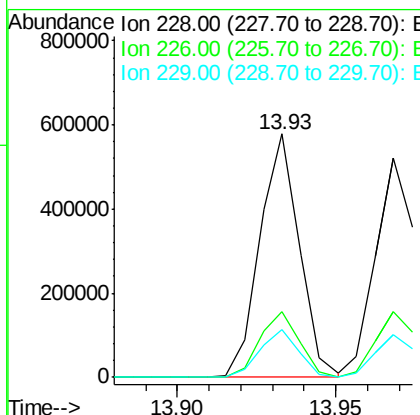
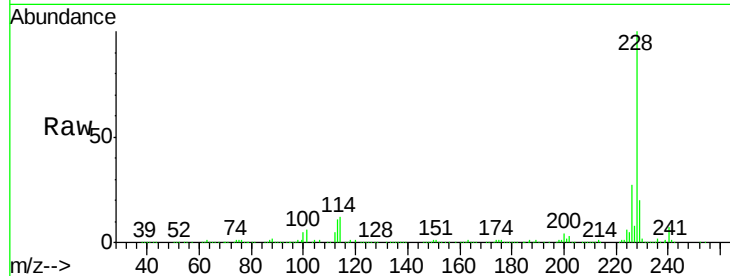
Instrument :
BNA_F
ClientSampleId :
S22-0029MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.6	15.8	23.6

Manual Integrations
APPROVED

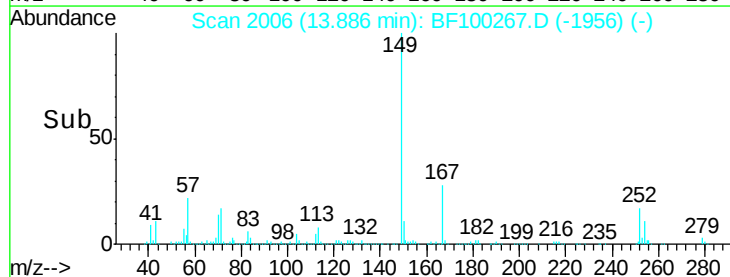
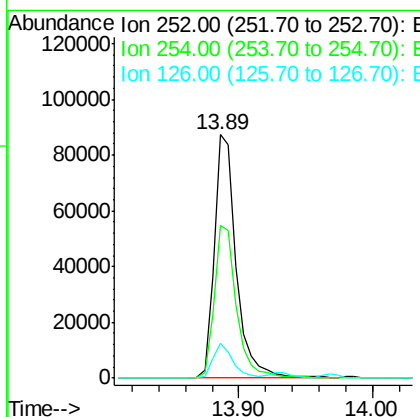
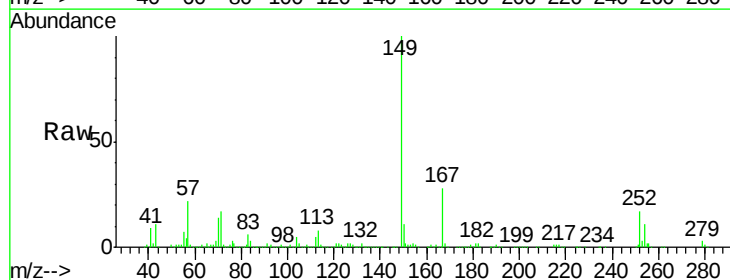
Sohil

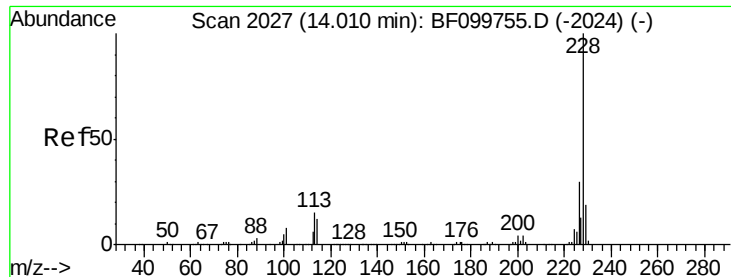
11/7/2017 5:39:57 PM



#81
3,3'-Dichlorobenzidine
Concen: 23.445 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	50.4	75.6
126	14.2	11.3	16.9





#82

Chrysene

Concen: 43.542 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

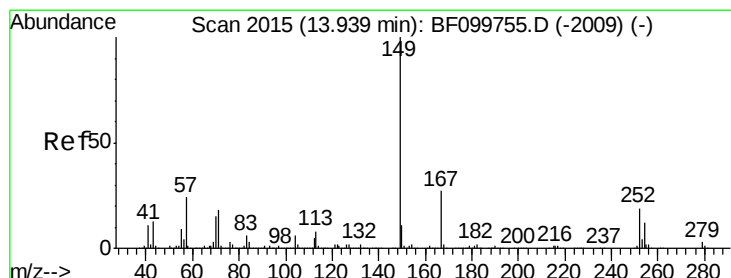
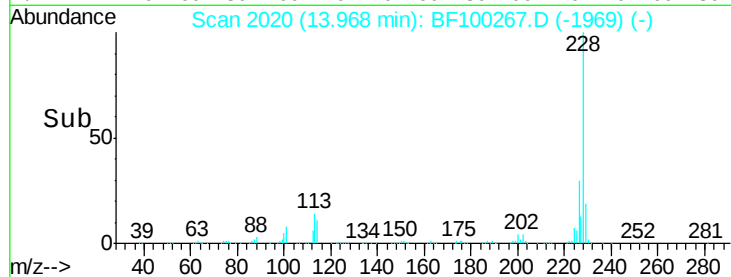
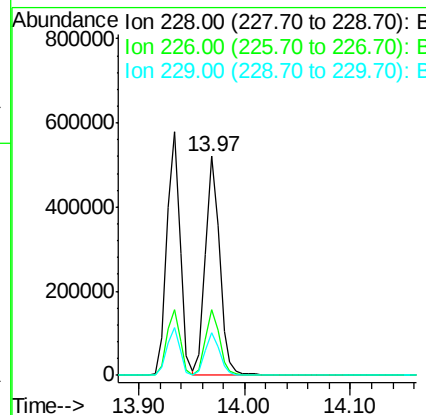
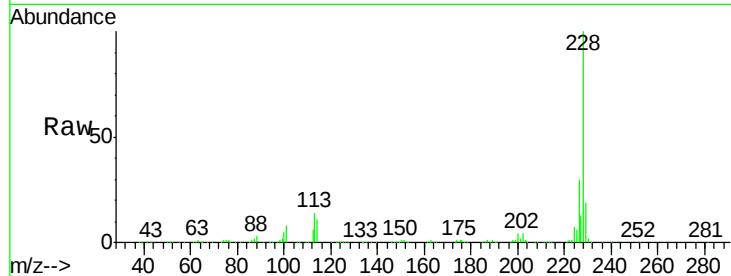
S22-0029MS

Tgt Ion:	228	Resp:	487744
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.0	37.6
229	19.3	16.2	24.4

Manual Integrations
APPROVED

Sohil

11/7/2017 5:39:57 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.254 ng

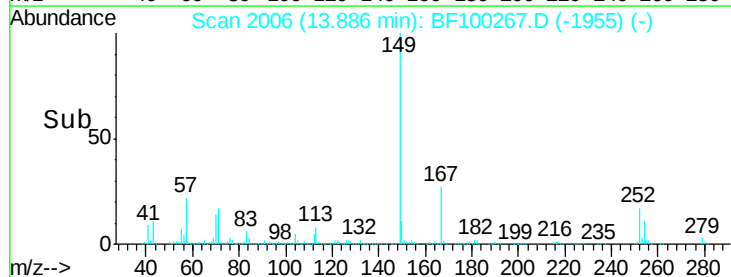
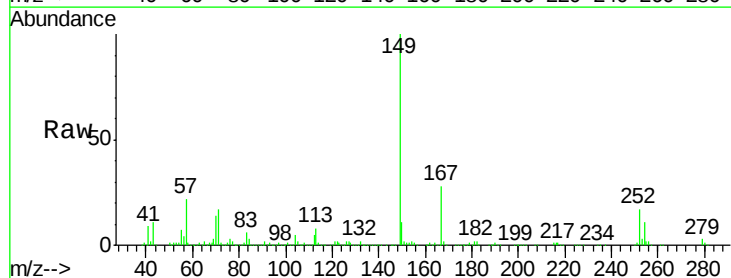
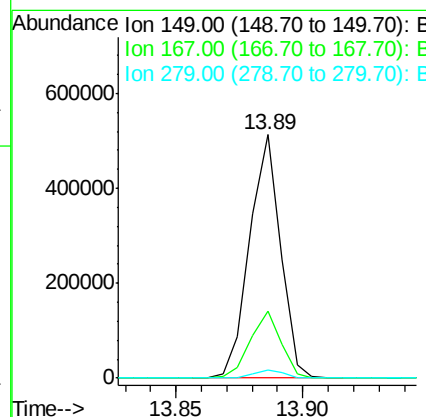
RT: 13.89 min Scan# 2006

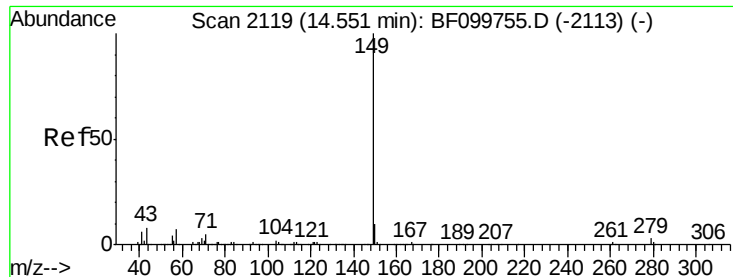
Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Tgt Ion:	149	Resp:	437366
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.3	31.9
279	3.4	3.0	4.4





#84
Di-n-octyl phthalate
Concen: 36.466 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

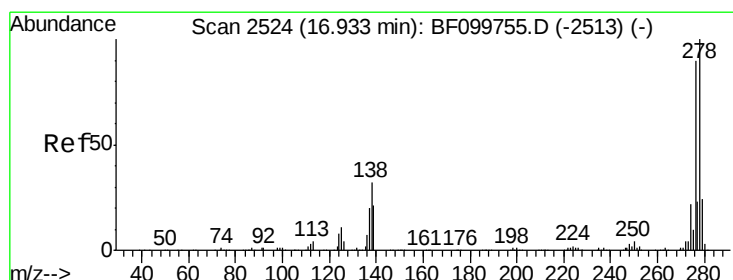
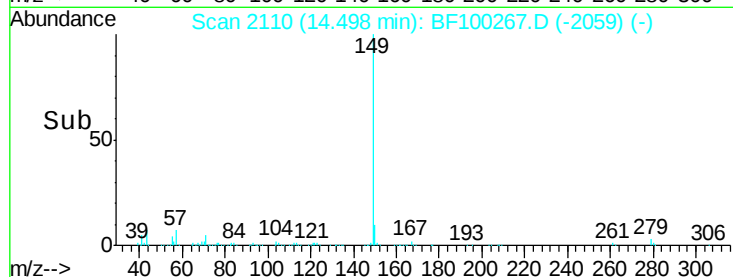
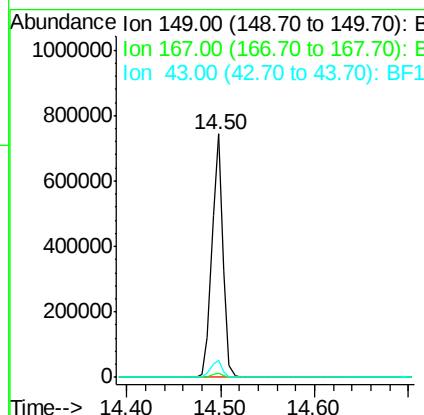
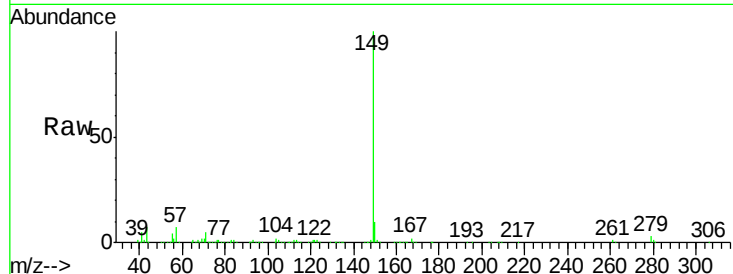
Instrument :
BNA_F
ClientSampleId :
S22-0029MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.2	1.8
43	7.4	8.4	12.6

Manual Integrations
APPROVED

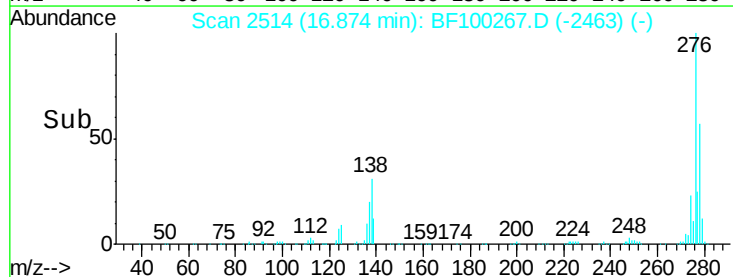
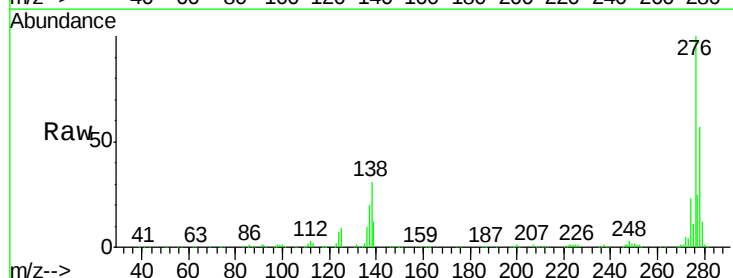
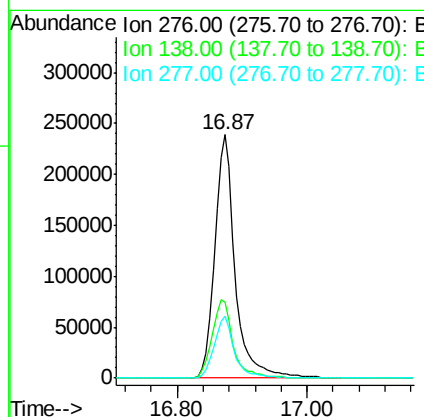
Sohil

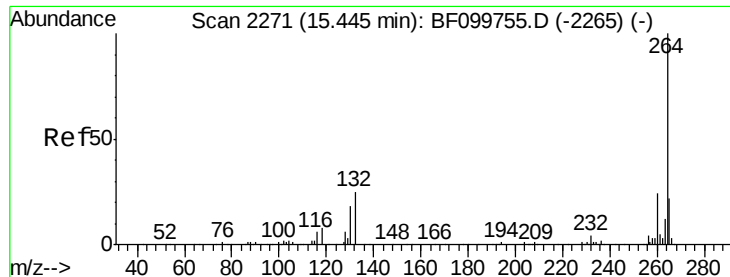
11/7/2017 5:39:57 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 50.171 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	34.0	25.0	37.6
277	25.4	20.1	30.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

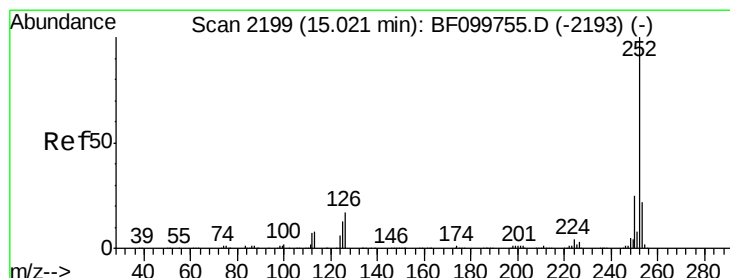
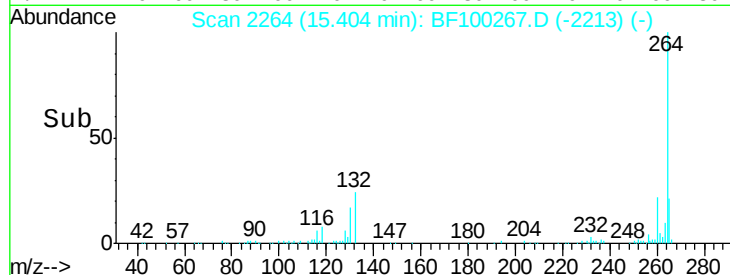
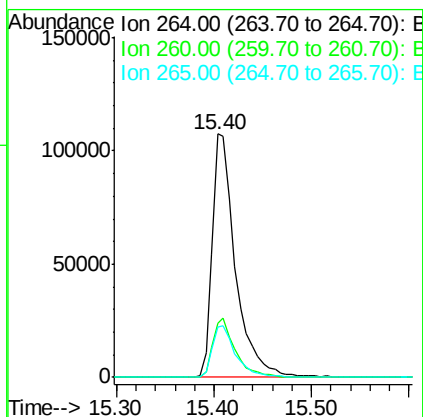
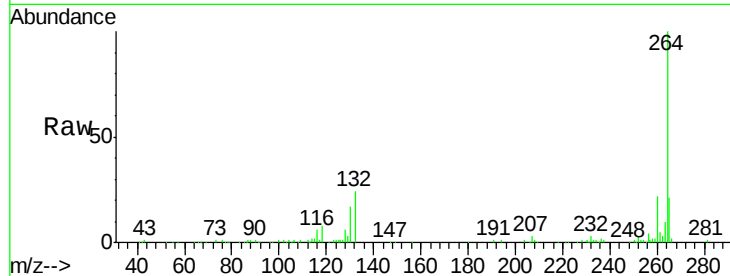
S22-0029MS

Tgt Ion:	264	Resp:	177393
Ion Ratio		Lower	Upper
264	100		
260	22.3	19.2	28.8
265	20.6	17.5	26.3

Manual Integrations
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Sohil

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#87

Benzo(b)fluoranthene

Concen: 38.383 ng

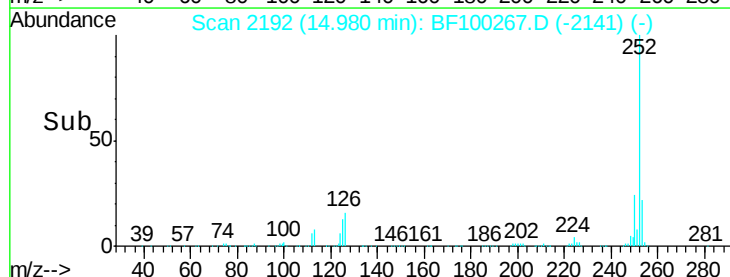
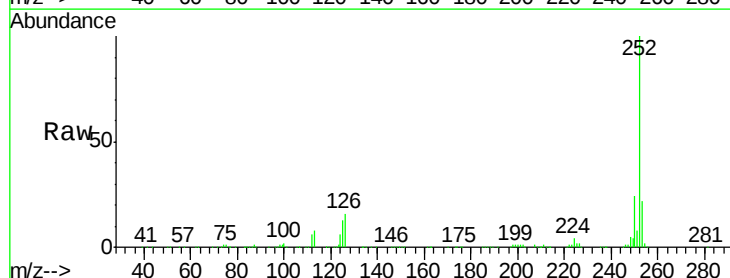
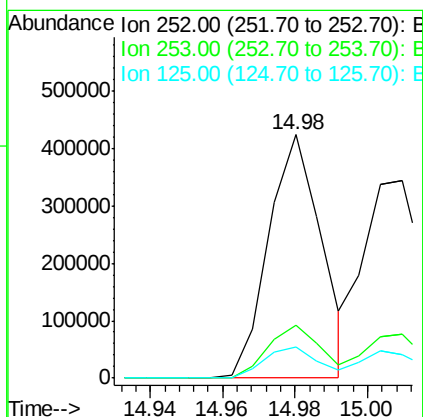
RT: 14.98 min Scan# 2192

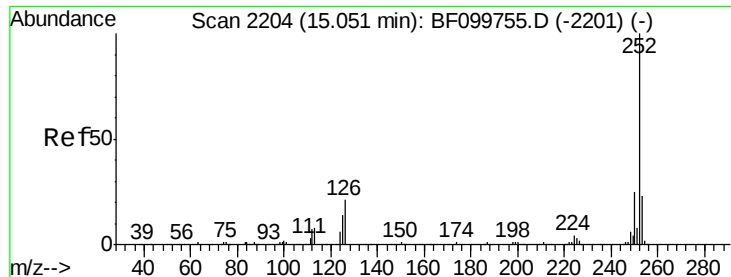
Delta R.T. -0.00 min

Lab File: BF100267.D

Acq: 6 Nov 2017 22:42

Tgt Ion:	252	Resp:	429953
Ion Ratio		Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.9	9.0	13.6





#88
Benzo(k)fluoranthene
Concen: 43.777 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

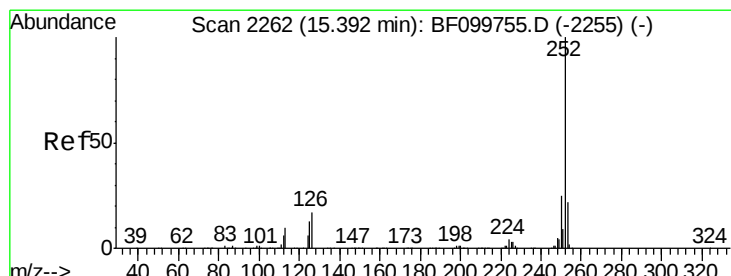
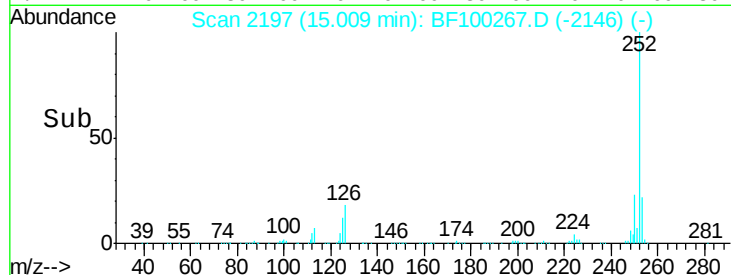
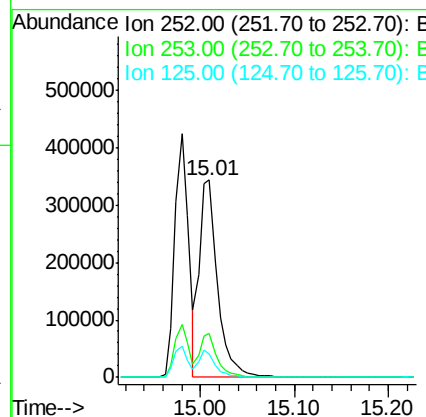
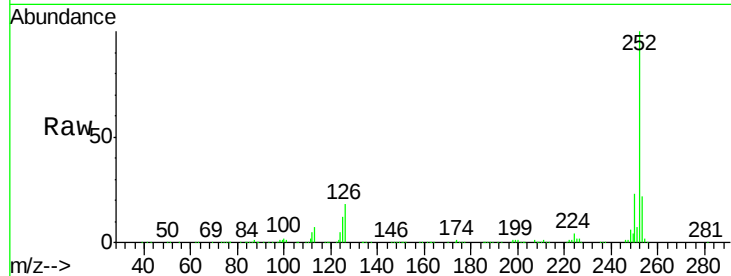
Instrument :
BNA_F
ClientSampleId :
S22-0029MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.8	10.2	15.2

Manual Integrations
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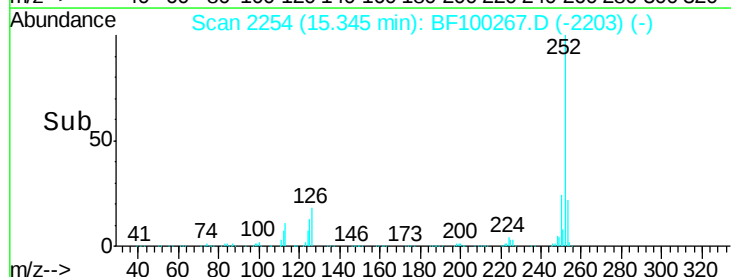
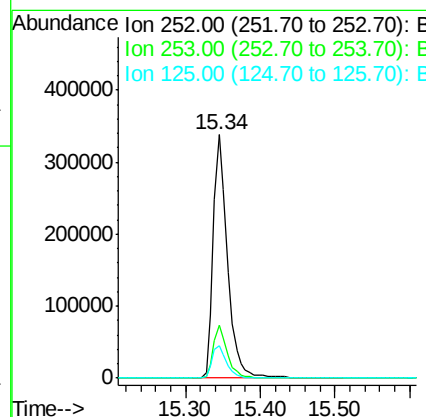
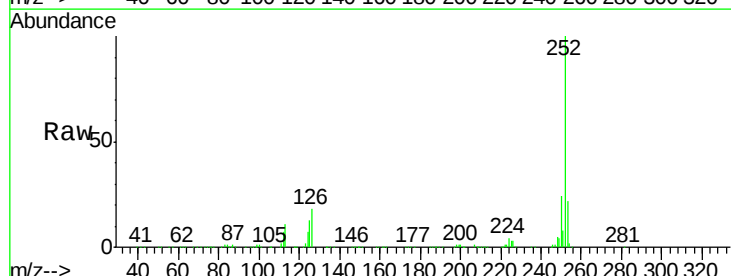
Sohil

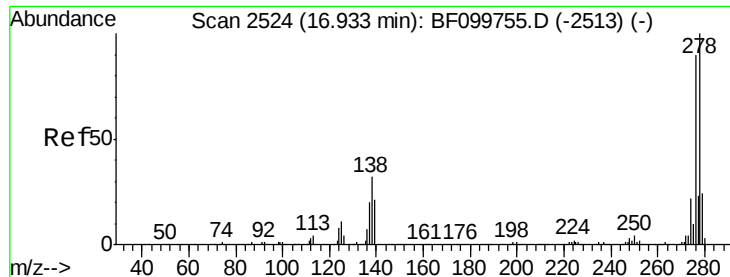
11/7/2017 5:39:57 PM



#89
Benzo(a)pyrene
Concen: 44.691 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	13.4	9.8	14.6





#90
Dibenzo(a,h)anthracene
Concen: 48.686 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

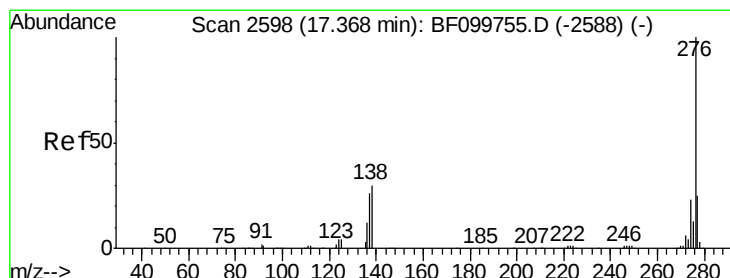
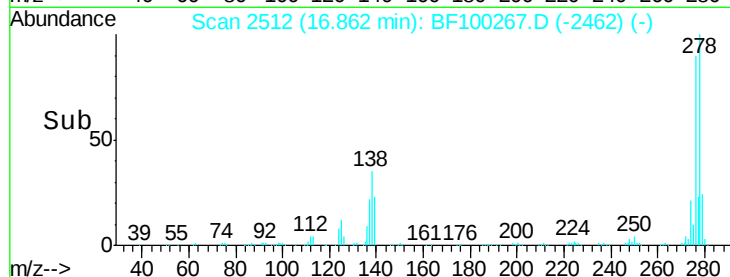
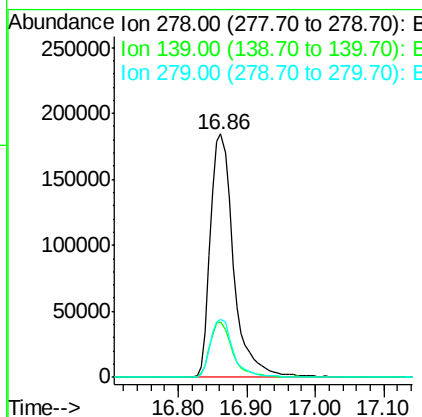
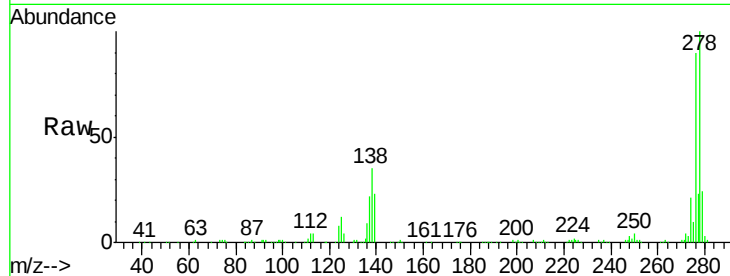
Instrument :
BNA_F
ClientSampleId :
S22-0029MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	15.9	23.9
279	23.8	19.0	28.4

Manual Integrations
APPROVED

Sohil

11/7/2017 5:39:57 PM



#91
Benzo(g,h,i)perylene
Concen: 51.121 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.00 min
Lab File: BF100267.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	29.0	21.8	32.8

