

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100806.D
 Acq On : 22 Nov 2017 3:46
 Operator : SJ/JU
 Sample : I6466-08MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(4-5)MSD

Manual Integrations
 APPROVED

Sohil
 11/22/2017 5:04:51 PM

Quant Time: Nov 22 07:40:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	80561	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	310970	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	136684	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	217649	20.00	ng	0.00
75) Chrysene-d12	14.04	240	154579	20.00	ng	0.00
86) Perylene-d12	15.51	264	140236	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	477698	95.05	ng	0.00
7) Phenol-d6	6.50	99	579820	93.56	ng	0.00
23) Nitrobenzene-d5	7.44	82	351739	74.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	131383	94.33	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	658037	73.31	ng	0.00
78) Terphenyl-d14	12.98	244	419858	62.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	59815	24.423	ng	97
3) Pyridine	3.49	79	152213	22.780	ng	92
4) n-Nitrosodimethylamine	3.44	42	85085	26.227	ng	97
6) Aniline	6.54	93	138327	15.799	ng	98
8) 2-Chlorophenol	6.66	128	179582	33.777	ng	94
9) Benzaldehyde	6.43	77	68638	15.509	ng	93
10) Phenol	6.52	94	240992	37.042	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	165254	30.241	ng	97
12) 1,3-Dichlorobenzene	6.82	146	199302	32.514	ng	98
13) 1,4-Dichlorobenzene	6.89	146	199811	32.207	ng	96
14) 1,2-Dichlorobenzene	7.05	146	193850	33.794	ng	97
15) Benzyl Alcohol	7.02	79	150417	31.099	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	277120	31.707	ng	98
17) 2-Methylphenol	7.12	107	148483	32.681	ng	99
18) Hexachloroethane	7.39	117	53596	26.201	ng	90
19) n-Nitroso-di-n-propylamine	7.29	70	122276	28.450	ng	98
20) 3+4-Methylphenols	7.27	107	187550	32.621	ng	# 86
22) Acetophenone	7.29	105	241733	31.879	ng	# 97
24) Nitrobenzene	7.46	77	177196	36.602	ng	96
25) Isophorone	7.69	82	326956	33.079	ng	100
26) 2-Nitrophenol	7.77	139	87397	39.568	ng	95
27) 2,4-Dimethylphenol	7.80	122	163057	36.800	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	210805	32.605	ng	98
29) 2,4-Dichlorophenol	8.01	162	154538	36.534	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	160073	34.985	ng	94
31) Naphthalene	8.18	128	510027	34.052	ng	99
32) Benzoic acid	7.86	122	4758m	10.499	ng	
33) 4-Chloroaniline	8.22	127	99162	15.905	ng	98
34) Hexachlorobutadiene	8.29	225	91544	33.650	ng	99
35) Caprolactam	8.59	113	40614m	27.978	ng	
36) 4-Chloro-3-methylphenol	8.70	107	155275	34.179	ng	98
37) 2-Methylnaphthalene	8.87	142	346461	34.842	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	159643	35.217	ng	# 97
40) Hexachlorocyclopentadiene	9.02	237	13544	6.348	ng	98

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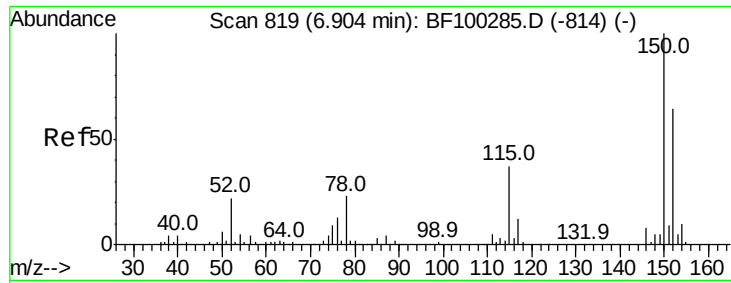
Manual Integrations
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Sohil
 11/22/2017 5:04:51 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	109990	38.284	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	109691	36.850	nq	92
45) 1,1'-Biphenyl	9.33	154	402947	34.085	nq	97
46) 2-Chloronaphthalene	9.36	162	311451	36.316	nq	97
47) 2-Nitroaniline	9.46	65	94393	37.872	nq	92
48) Acenaphthylene	9.77	152	471566	33.179	nq	99
49) Dimethylphthalate	9.63	163	391839	37.547	nq	99
50) 2,6-Dinitrotoluene	9.70	165	78342	37.924	nq #	79
51) Acenaphthene	9.95	154	274350	31.739	nq	98
52) 3-Nitroaniline	9.86	138	71679	29.385	nq	94
53) 2,4-Dinitrophenol	9.97	184	2843	12.064	nq #	13
54) Dibenzofuran	10.12	168	410915	33.918	nq	98
55) 4-Nitrophenol	10.02	139	104665	52.842	nq	93
56) 2,4-Dinitrotoluene	10.10	165	96291	36.949	nq #	91
57) Fluorene	10.46	166	306933	34.584	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	78953	32.363	nq #	85
59) Diethylphthalate	10.33	149	347518	33.276	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	156715	35.995	nq	90
61) 4-Nitroaniline	10.47	138	72911	31.522	nq	88
62) Azobenzene	10.61	77	319174	32.449	nq	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	6959	13.772	nq	80
65) n-Nitrosodiphenylamine	10.57	169	289070	38.197	nq	96
66) 4-Bromophenyl-phenylether	10.94	248	93469	40.061	nq #	88
67) Hexachlorobenzene	11.01	284	88677	36.340	nq #	82
68) Atrazine	11.09	200	87178	38.055	nq	97
69) Pentachlorophenol	11.20	266	77546	44.318	nq	99
70) Phenanthrene	11.42	178	400144	34.918	nq	98
71) Anthracene	11.47	178	393506	33.846	nq	100
72) Carbazole	11.63	167	339195	31.619	nq	99
73) Di-n-butylphthalate	11.95	149	470377	37.469	nq	98
74) Fluoranthene	12.61	202	359204	29.576	nq	97
76) Benzidine	12.73	184	105850	17.099	nq	98
77) Pyrene	12.84	202	360381	32.705	nq	99
79) Butylbenzylphthalate	13.45	149	141014	31.380	nq	90
80) Benzo(a)anthracene	14.03	228	331198	35.579	nq	98
81) 3,3'-Dichlorobenzidine	13.99	252	110118	33.017	nq #	96
82) Chrysene	14.06	228	315135	34.960	nq	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	193485	32.737	nq	100
84) Di-n-octyl phthalate	14.62	149	342152	33.698	nq	99
85) Indeno(1,2,3-cd)pyrene	16.99	276	217771	29.868	nq	95
87) Benzo(b)fluoranthene	15.08	252	304768	36.683	nq	98
88) Benzo(k)fluoranthene	15.11	252	282002	35.923	nq #	95
89) Benzo(a)pyrene	15.45	252	263797	35.815	nq	98
90) Dibenzo(a,h)anthracene	17.01	278	186719	30.998	nq #	94
91) Benzo(g,h,i)perylene	17.44	276	172004	29.171	nq #	93

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



#1

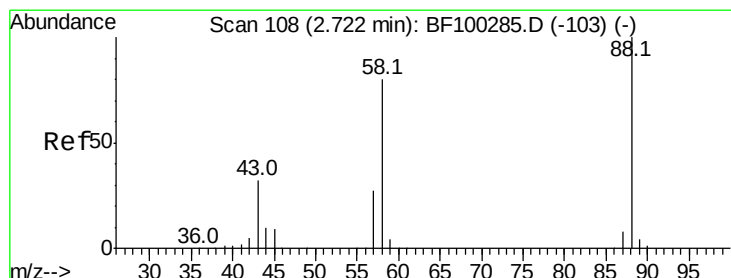
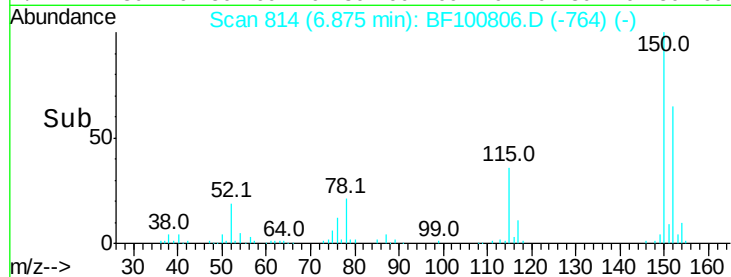
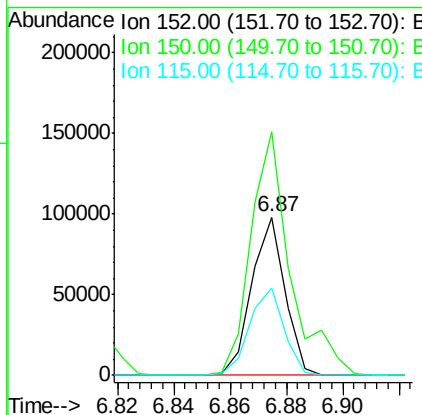
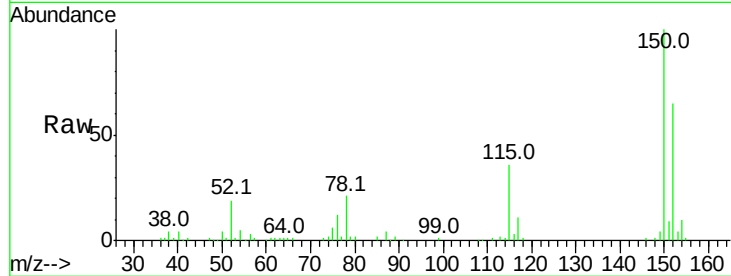
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	55.5	50.1	75.1

Manual Integrations
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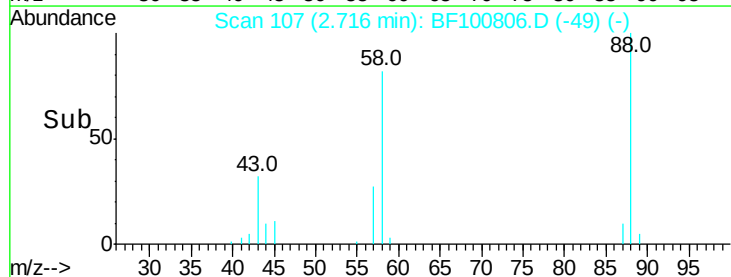
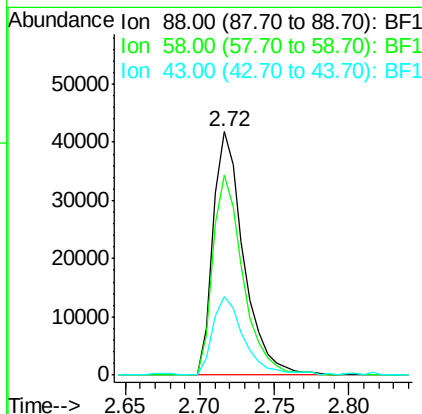
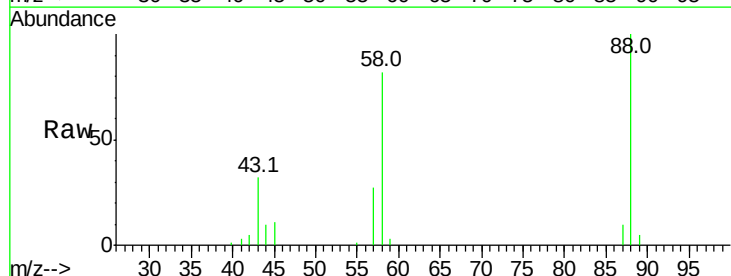
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11/22/2017 5:04:51 PM

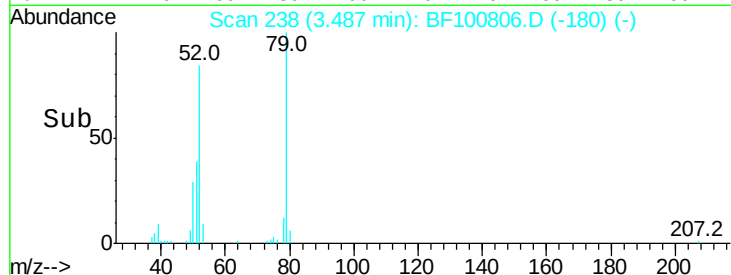
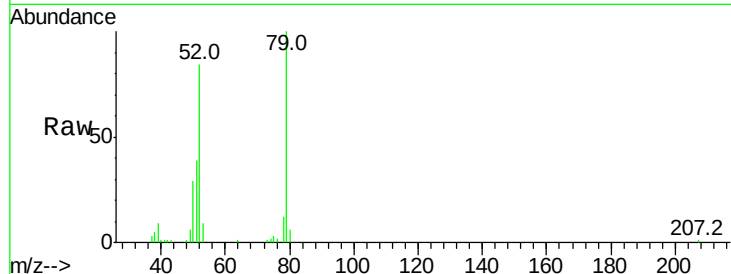
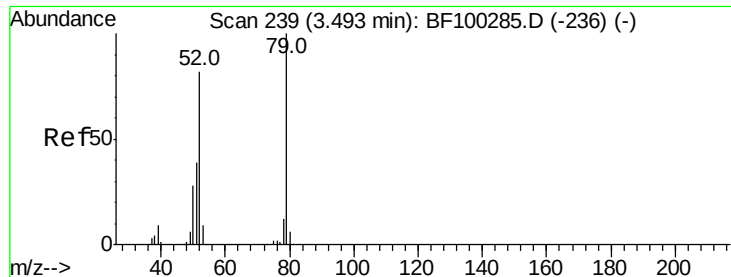


#2

1,4-Dioxane
Concen: 24.423 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.04 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.1	62.6	93.8
43	32.9	24.6	37.0





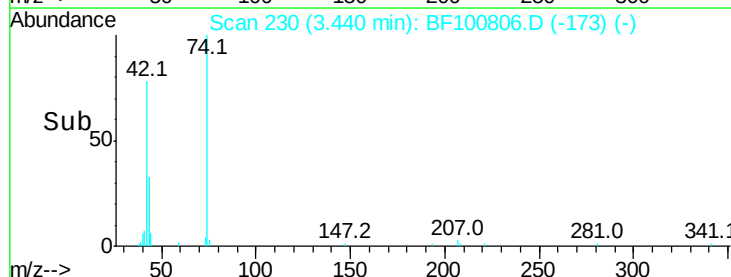
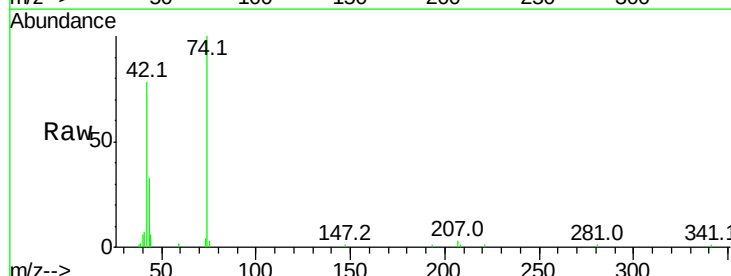
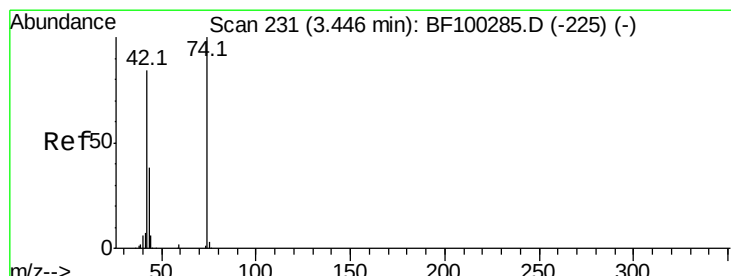
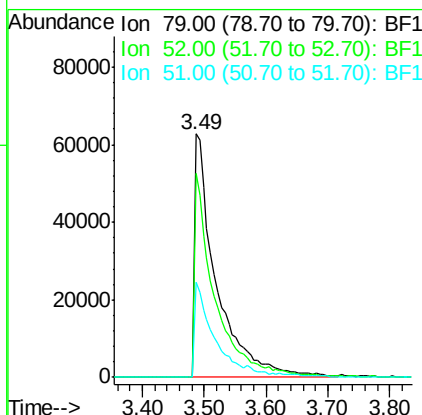
#3
Pvridine
Concen: 22.780 ng
RT: 3.49 min Scan# 238
Delta R.T. 0.04 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.6	59.8	89.6
51	39.0	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MSD

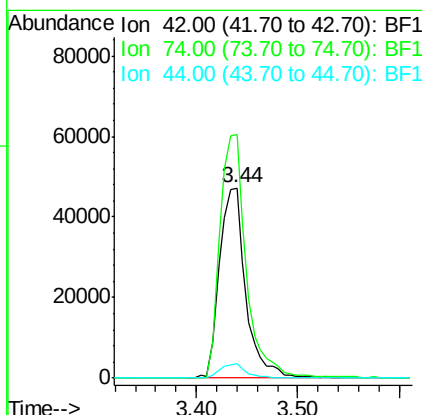
Manual Integrations
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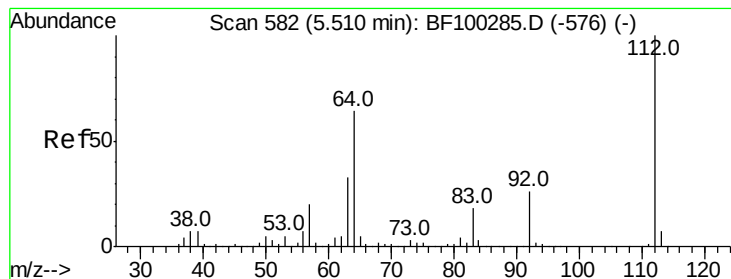
Sohil
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#4
n-Nitrosodimethylamine
Concen: 26.227 ng
RT: 3.44 min Scan# 230
Delta R.T. 0.04 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.9	104.9	157.3
44	7.8	6.9	10.3





#5

2-Fluorophenol

Concen: 95.051 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

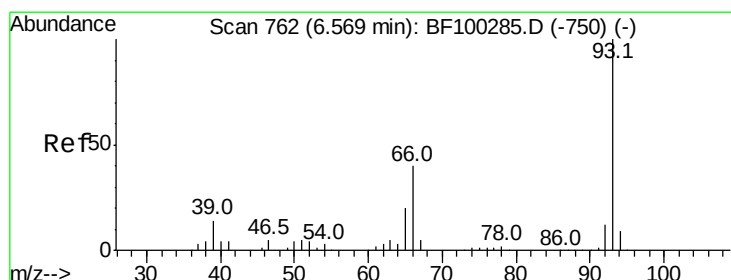
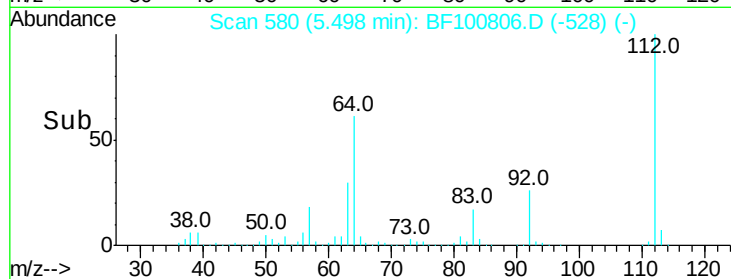
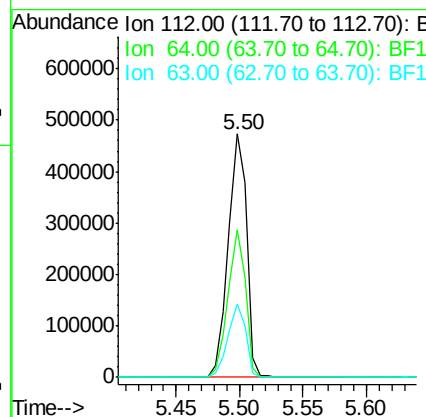
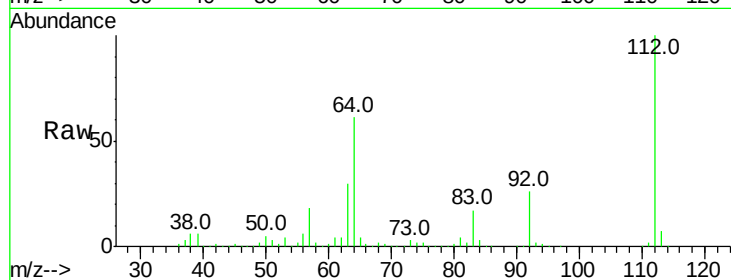
ClientSampleId :

CHAP-2-E(4-5)MSD

Tot Ion:	112	Resp:	477698
Ion Ratio	Lower	Upper	
112	100		
64	60.6	47.9	71.9
63	30.3	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 15.799 ng

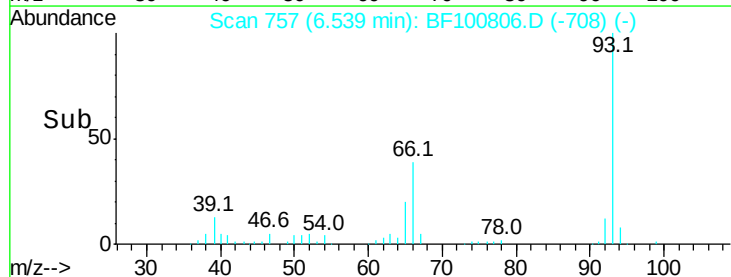
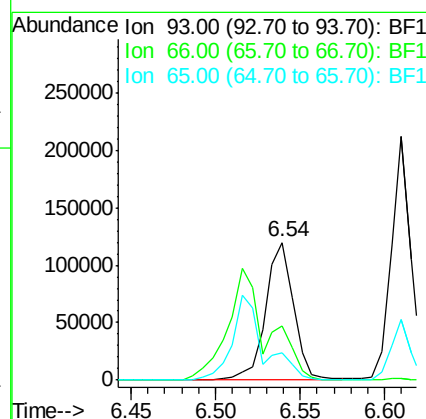
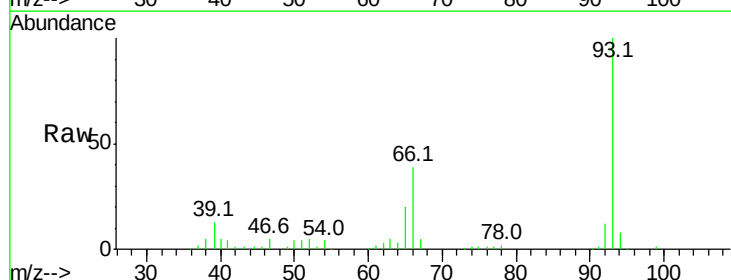
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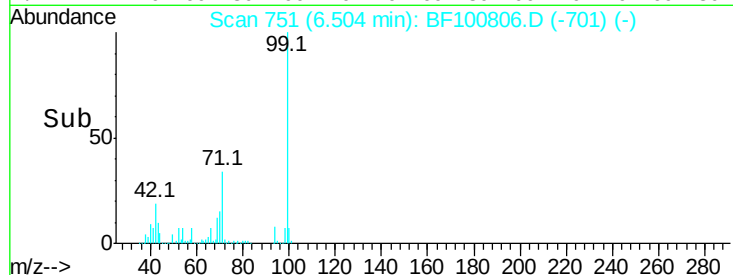
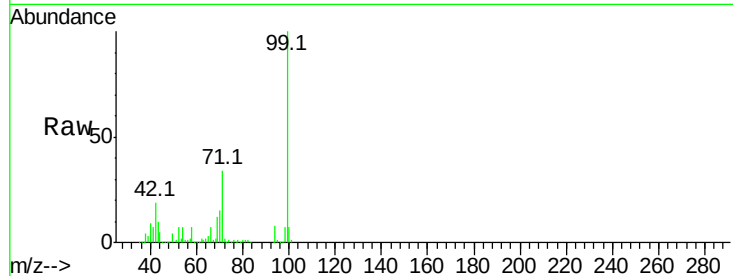
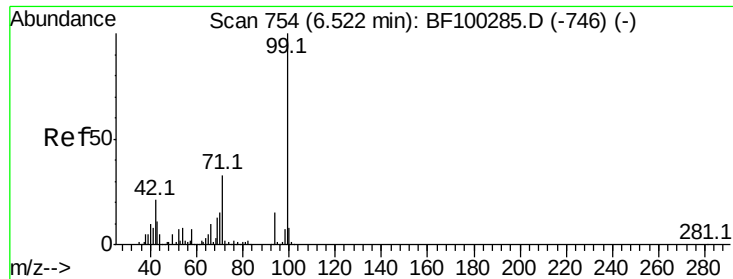
Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Tgt Ion:	93	Resp:	138327
Ion Ratio	Lower	Upper	
93	100		
66	39.0	32.2	48.2
65	19.6	16.4	24.6





#7

Phenol-d6

Concen: 93.560 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Tot Ion	99	Resp	579820
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.5	21.7
71	33.8	25.4	38.0

Instrument :

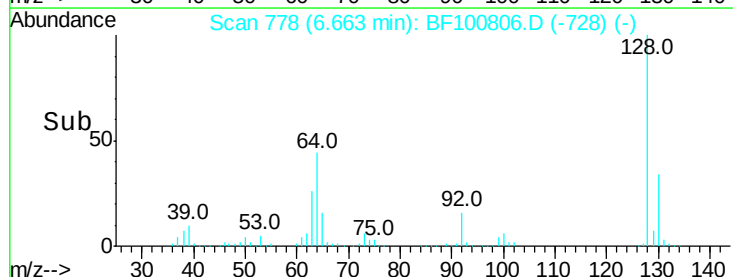
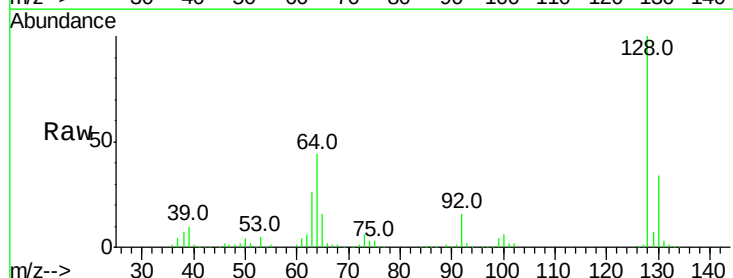
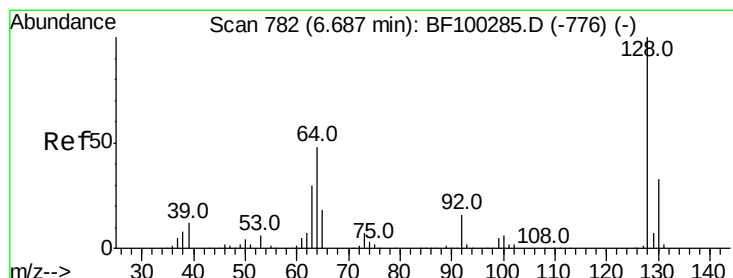
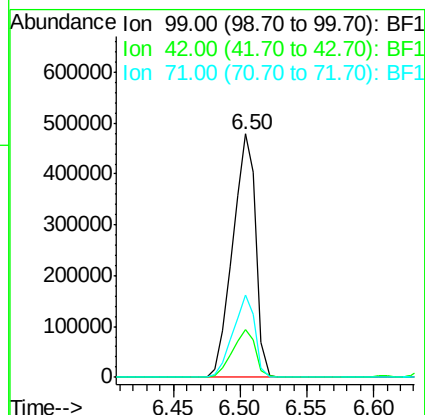
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#8

2-Chlorophenol

Concen: 33.777 ng

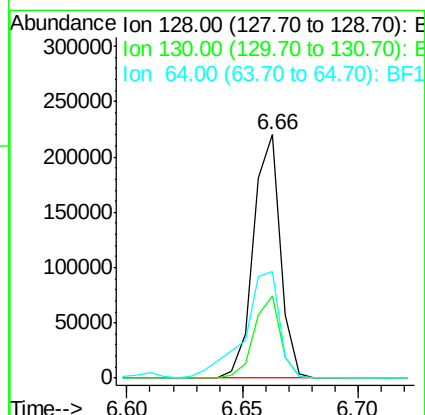
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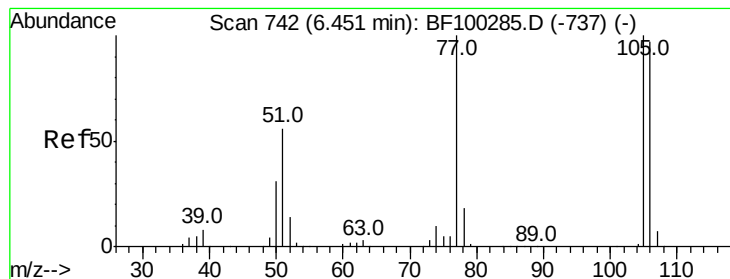
Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Tgt Ion	128	Resp	179582
Ion Ratio	Lower	Upper	
128	100		
130	33.8	13.0	53.0
64	43.6	29.4	69.4





#9

Benzaldehyde

Concen: 15.509 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampleId :

CHAP-2-E(4-5)MSD

Tot Ion: 77 Resp: 68638

Ion Ratio Lower Upper

77 100

105 109.8 81.1 121.1

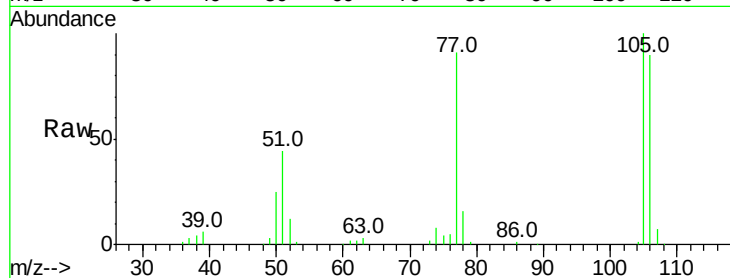
106 98.7 74.5 114.5

Manual Integrations

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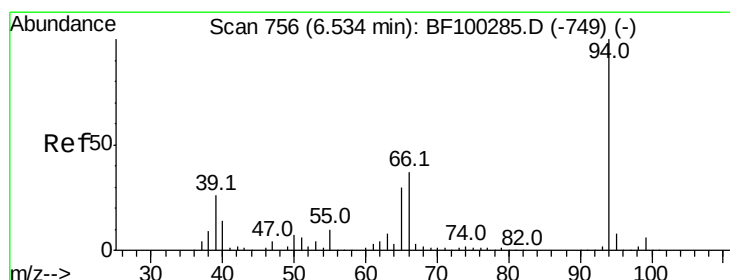
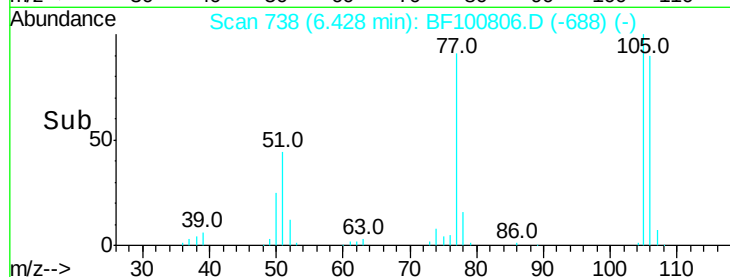
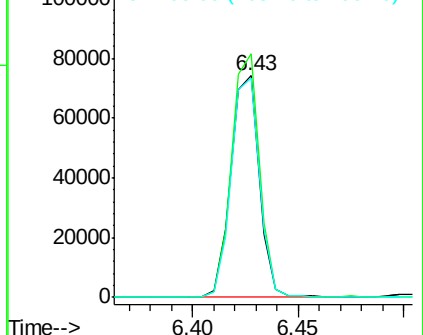
11/22/2017 5:04:51 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.042 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

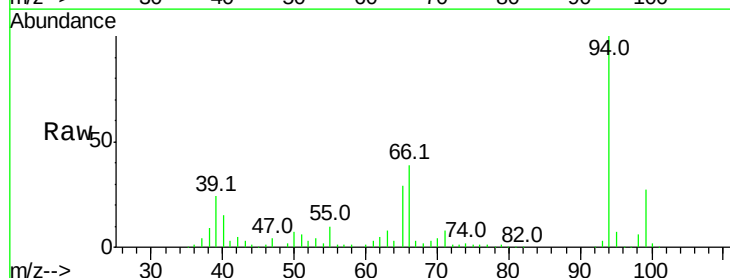
Tgt Ion: 94 Resp: 240992

Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

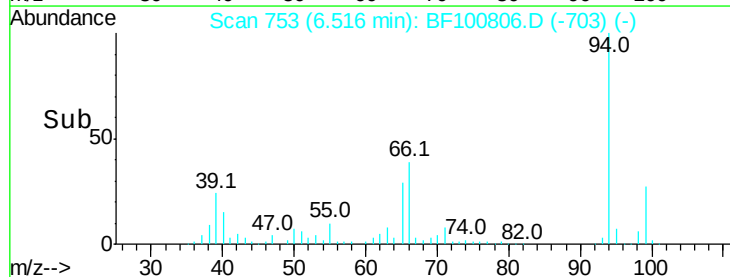
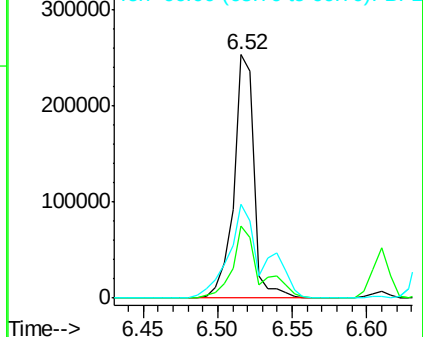
66 38.6 16.2 56.2

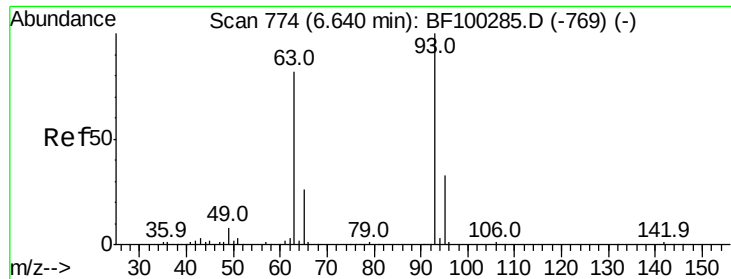


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 30.241 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

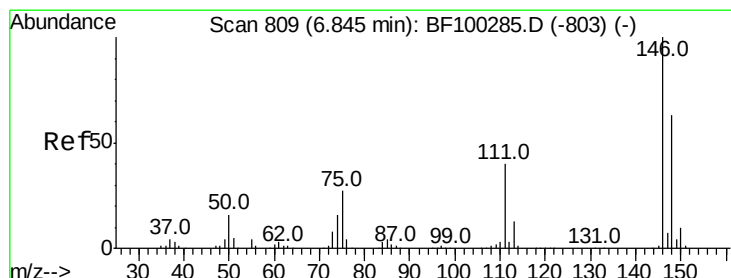
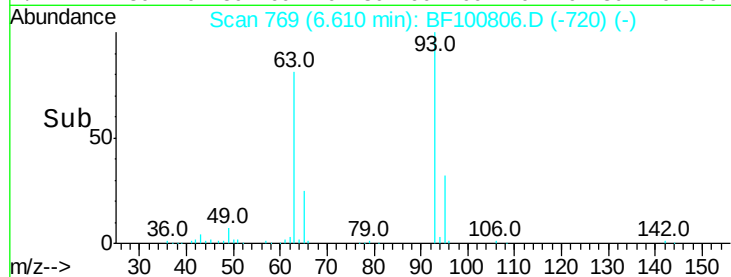
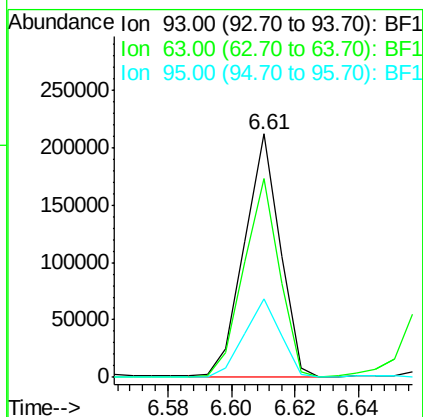
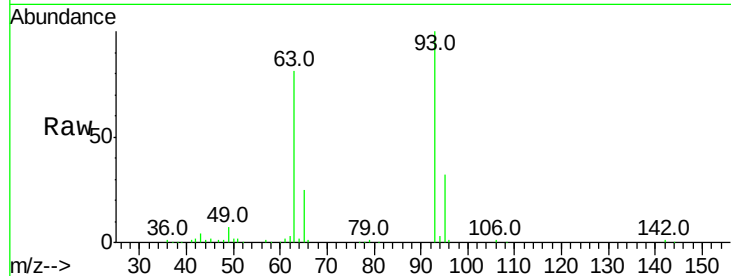
ClientSampleId :

CHAP-2-E(4-5)MSD

Tot Ion:	93	Resp:	165254
Ion Ratio	Lower	Upper	
93	100		
63	81.5	58.6	98.6
95	32.1	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 32.514 ng

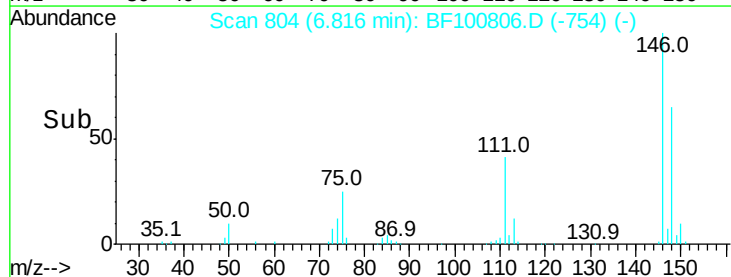
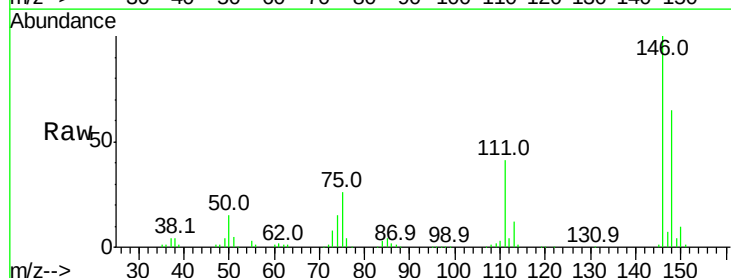
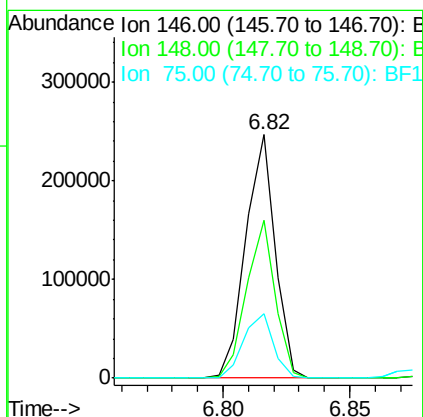
RT: 6.82 min Scan# 804

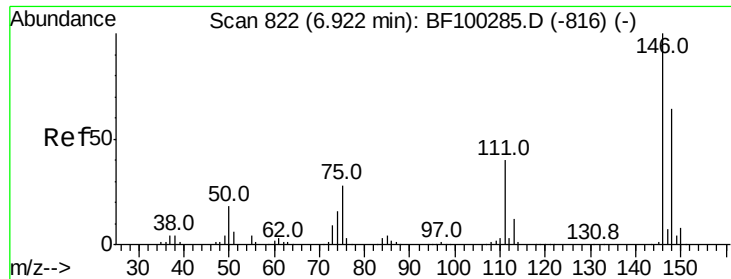
Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Tgt Ion:	146	Resp:	199302
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.8	77.8
75	26.3	24.2	36.4





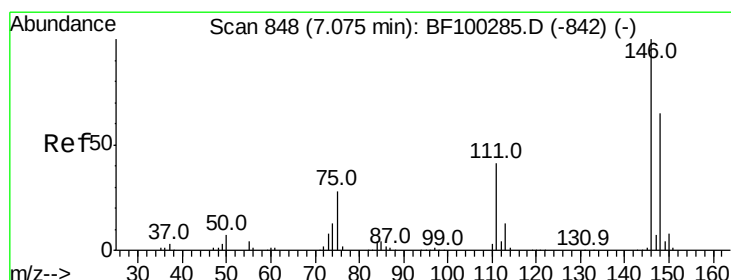
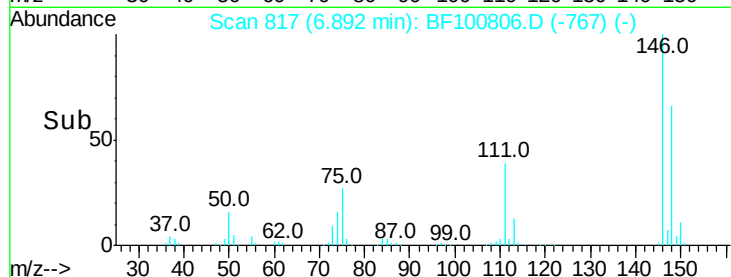
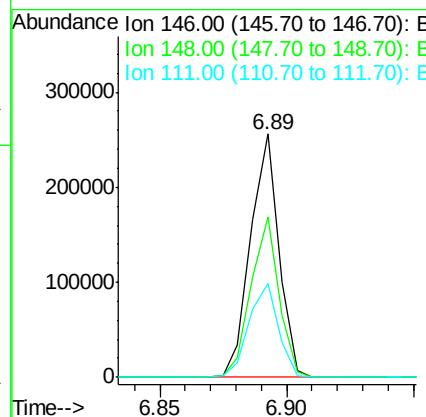
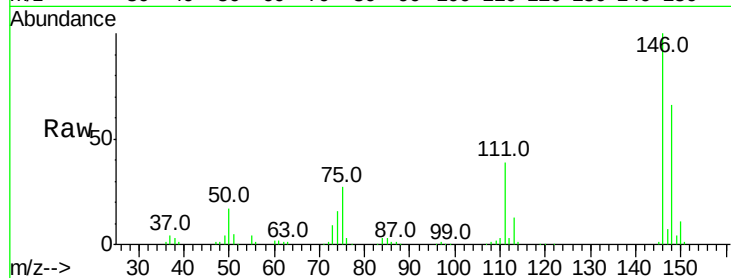
#13
 1,4-Dichlorobenzene
 Concen: 32.207 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.8	76.2
111	38.6	34.2	51.2

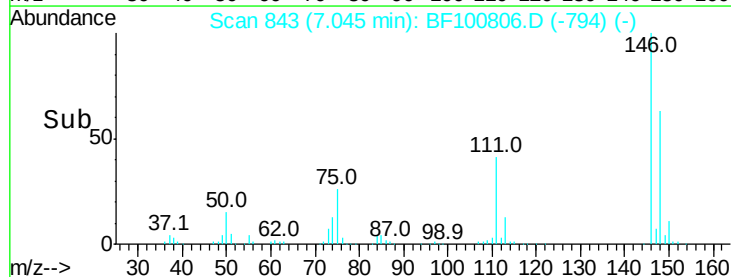
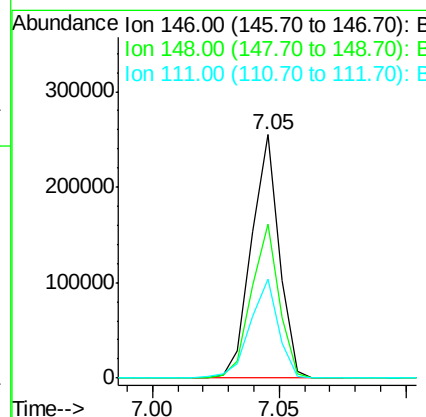
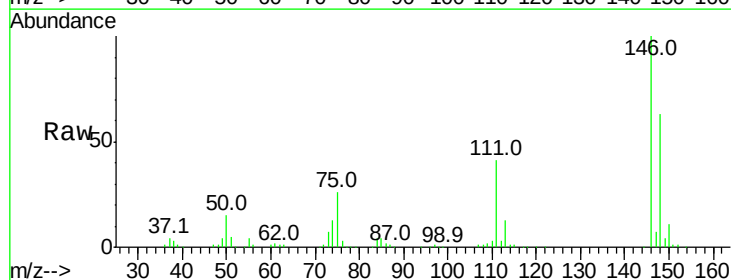
Manual Integrations
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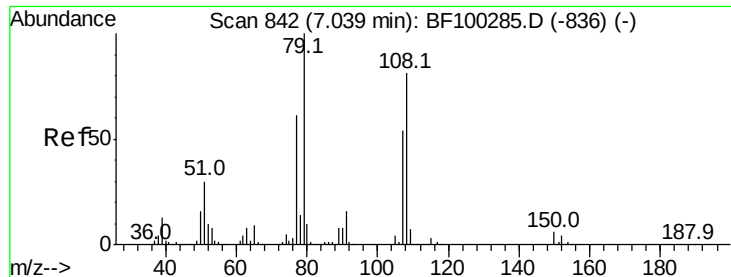
Sohil
 11/22/2017 5:04:51 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.794 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
111	40.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 31.099 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

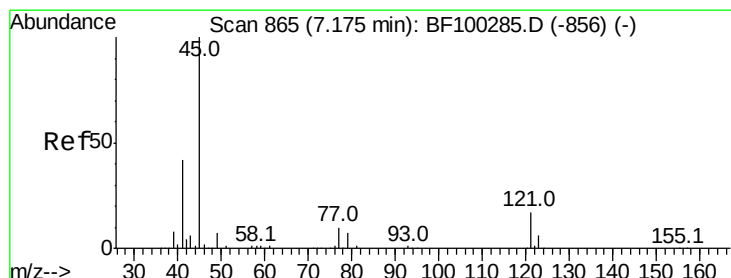
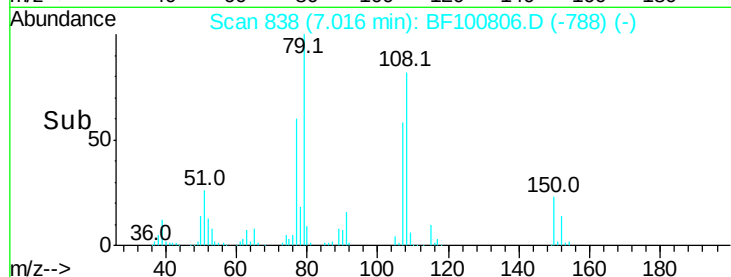
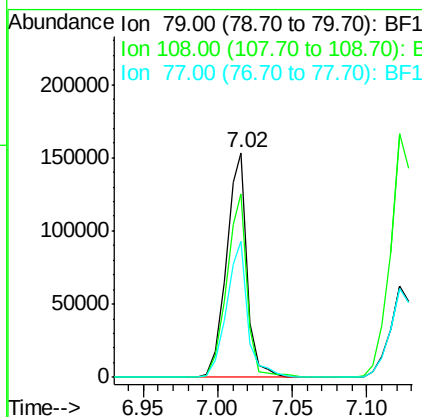
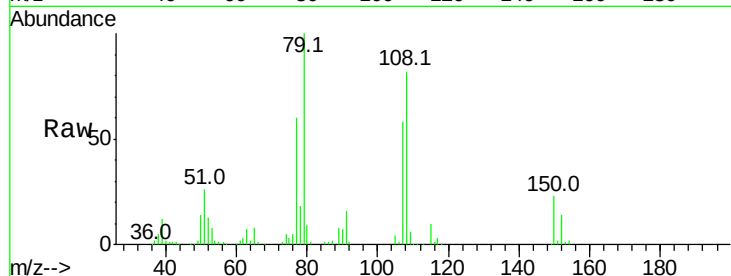
ClientSampleId :

CHAP-2-E(4-5)MSD

Tot Ion:	79	Resp:	150417
Ion Ratio	Lower	Upper	
79	100		
108	81.8	65.1	97.7
77	60.4	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.707 ng

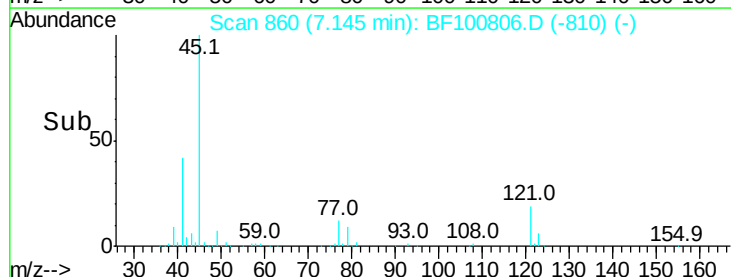
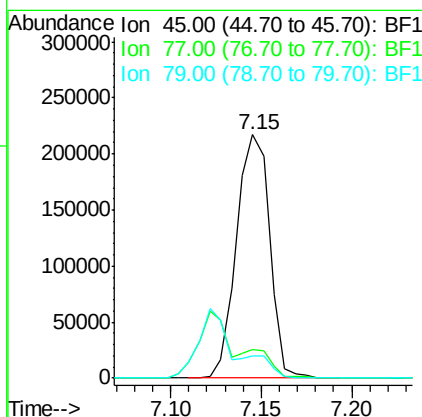
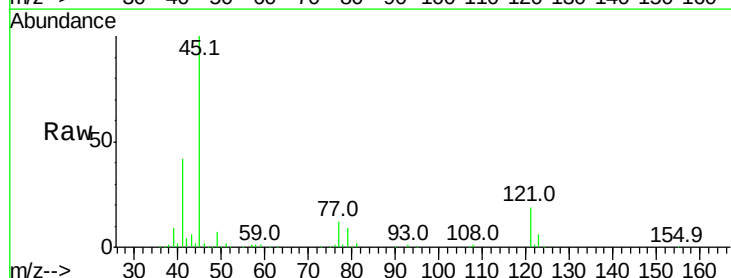
RT: 7.15 min Scan# 860

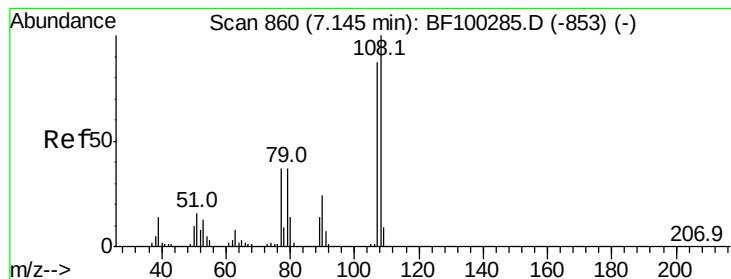
Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Tgt Ion:	45	Resp:	277120
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	32.9
79	9.2	0.0	29.6





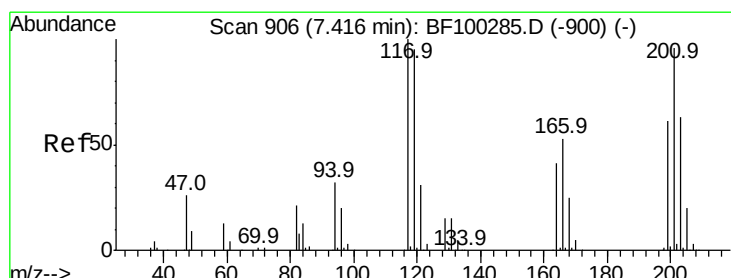
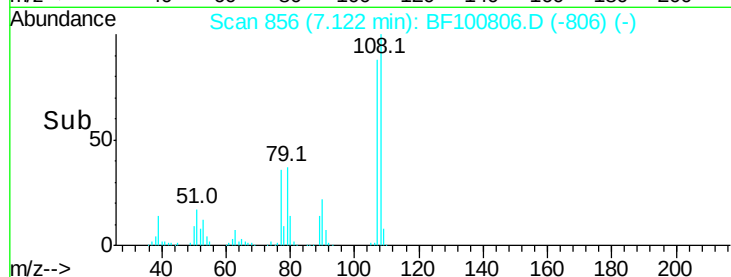
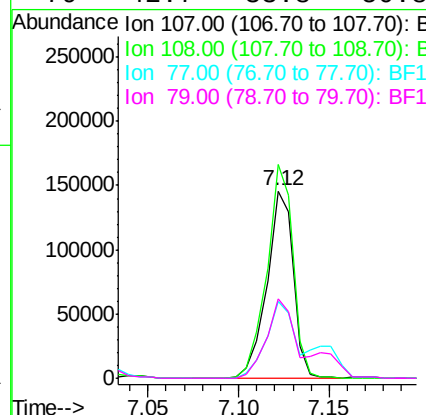
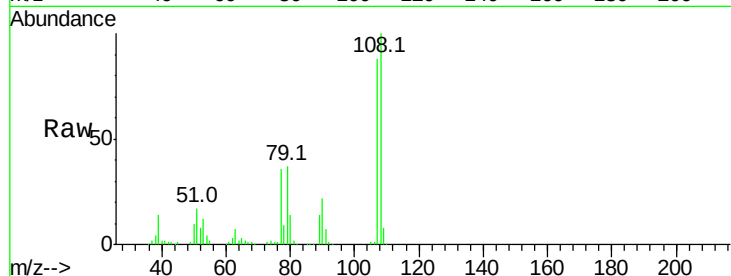
#17
2-Methylphenol
Concen: 32.681 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.7	137.5
77	41.3	33.8	50.8
79	42.7	33.8	50.8

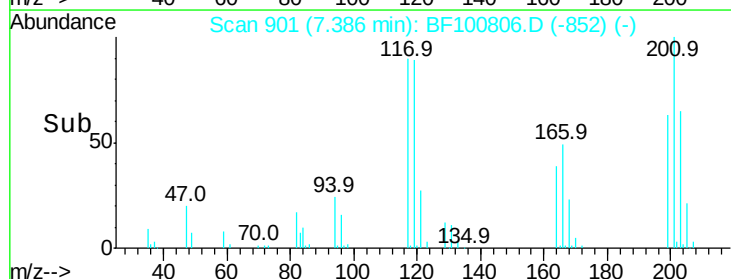
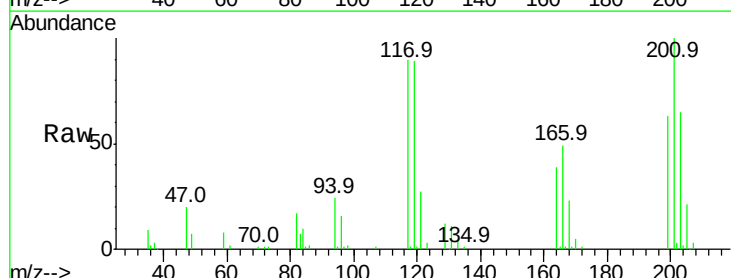
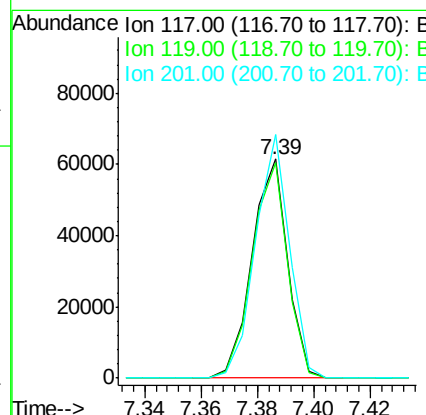
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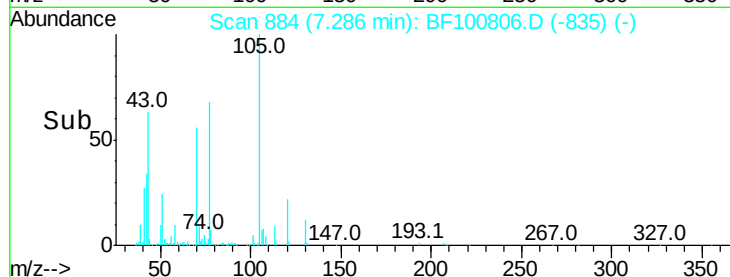
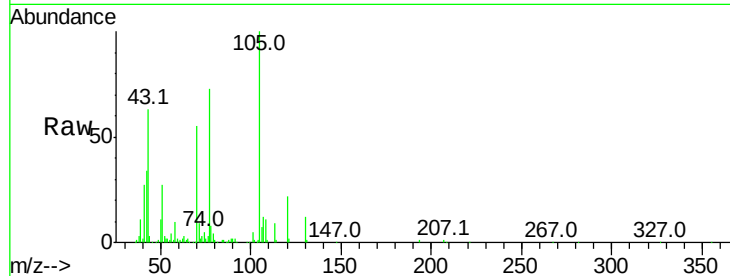
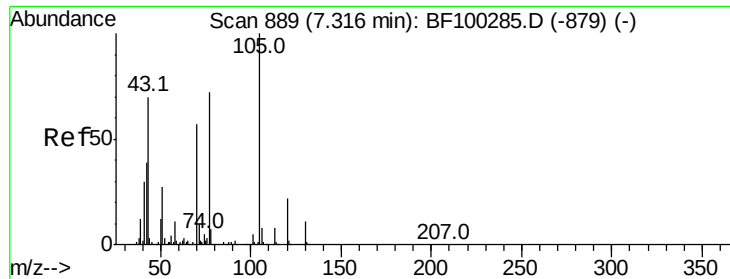
Sohil
11/22/2017 5:04:51 PM



#18
Hexachloroethane
Concen: 26.201 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.8	113.8
201	111.1	75.7	113.5





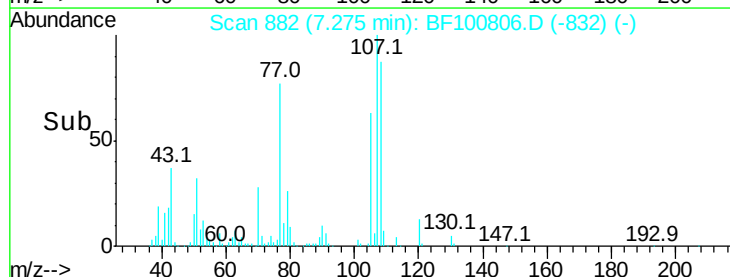
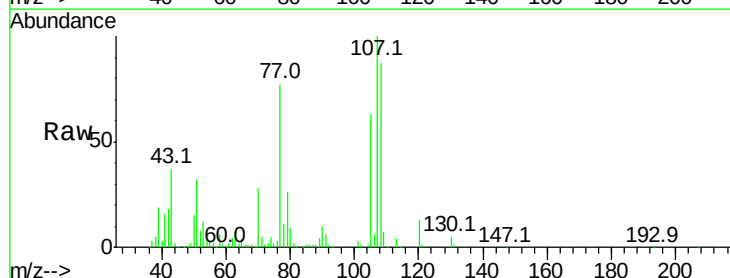
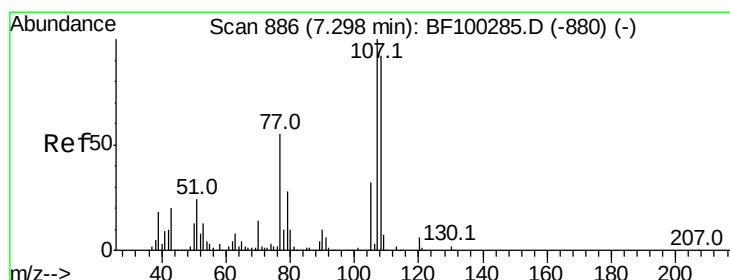
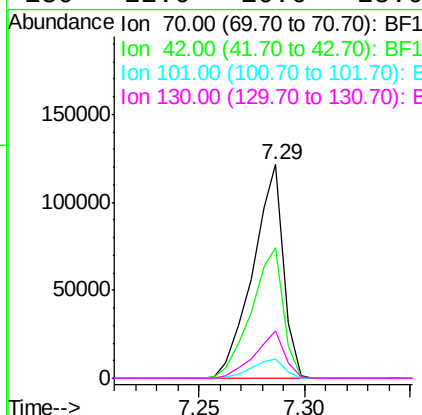
#19
n-Nitroso-di-n-propylamine
Concen: 28.450 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MSD

Tot Ion	70	Resp	122276
Ion Ratio	Lower	Upper	
70	100		
42	61.0	47.5	71.3
101	9.0	7.4	11.2
130	22.0	16.6	25.0

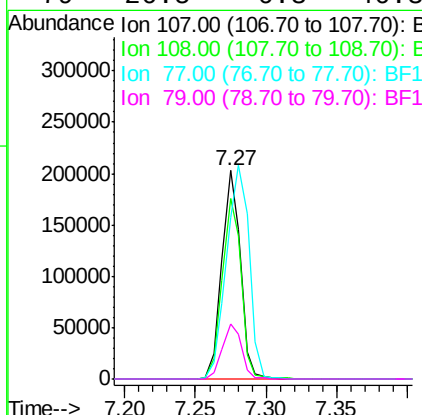
Manual Integrations
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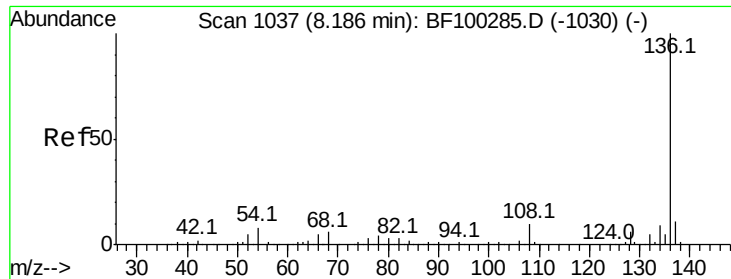
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#20
3+4-Methylphenols
Concen: 32.621 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	107	Resp	187550
Ion Ratio	Lower	Upper	
107	100		
108	86.5	68.2	108.2
77	77.1	26.7	66.7#
79	26.5	6.3	46.3





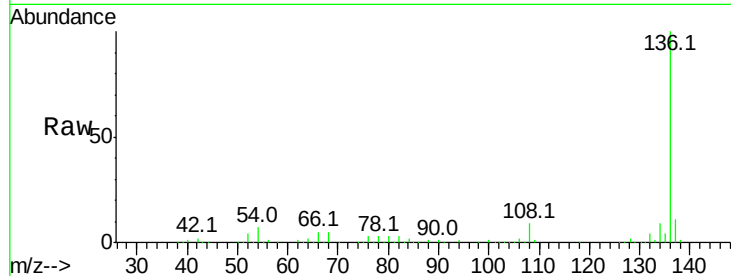
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MSD

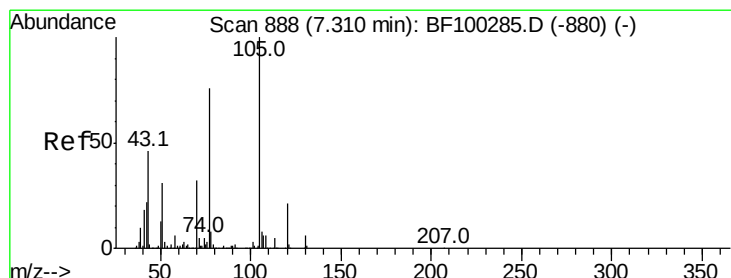
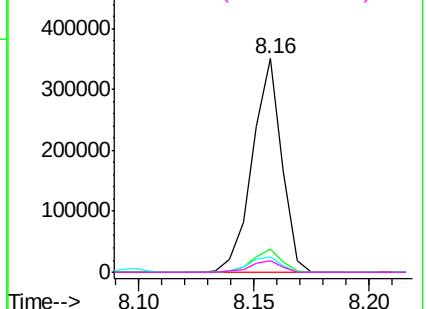
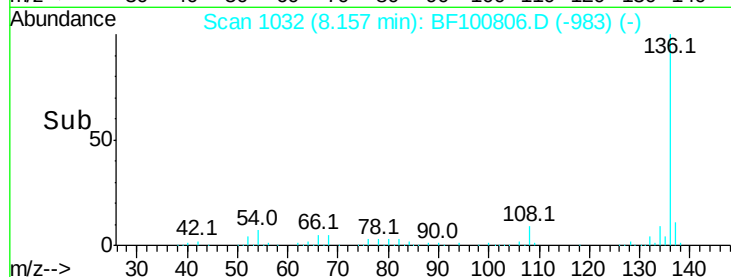
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.9	13.3	
54	7.4	6.6	9.8	
68	5.2	5.0	7.4	

Manual Integrations
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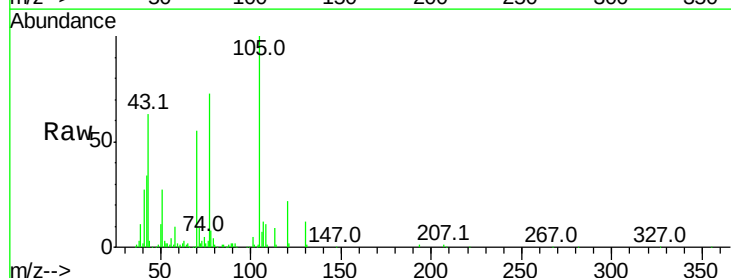


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

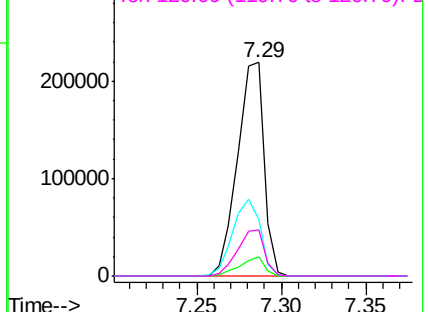
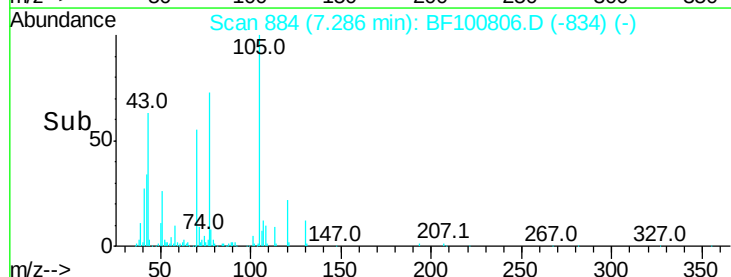


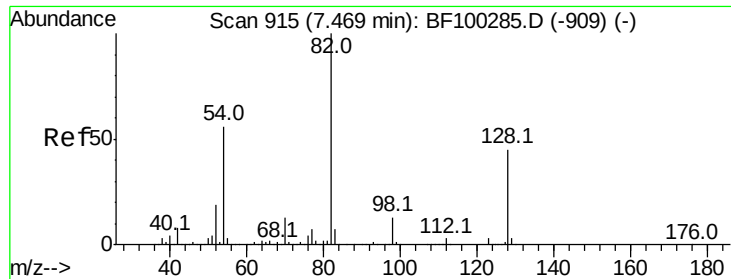
#22
Acetophenone
Concen: 31.879 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.2	4.4	6.6#	
51	26.7	22.3	33.5	
120	21.5	16.9	25.3	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





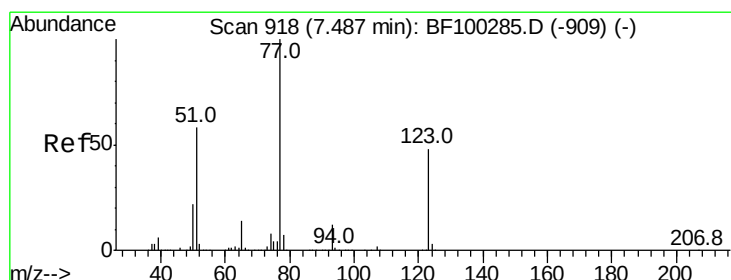
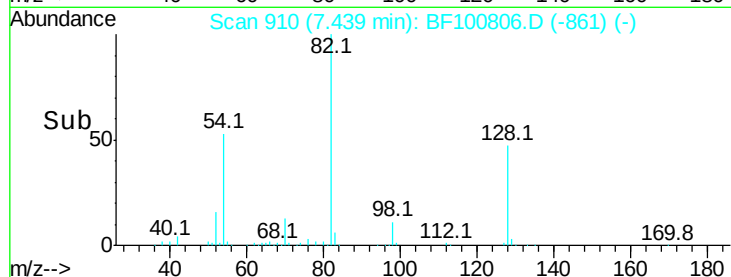
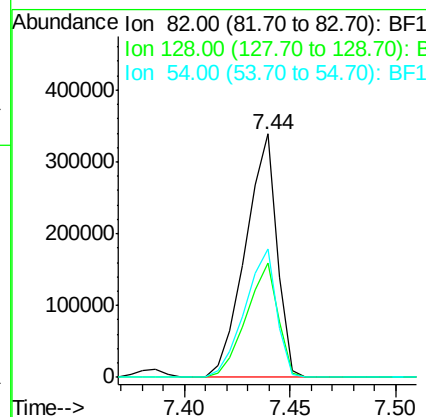
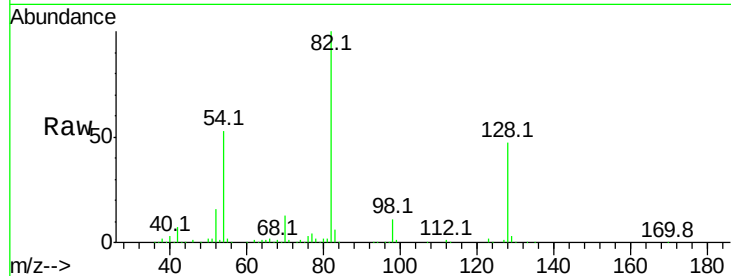
#23
Nitrobenzene-d5
Concen: 74.781 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	52.8	41.4	62.2

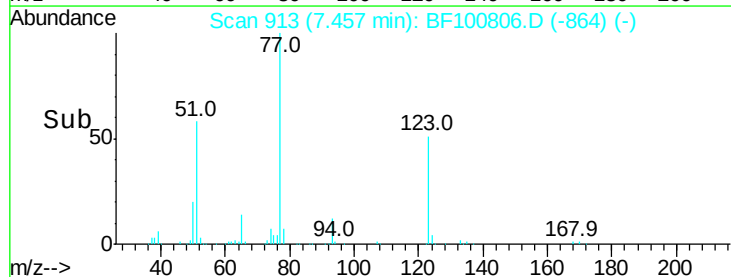
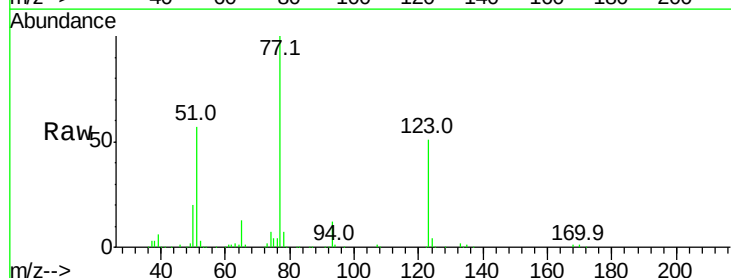
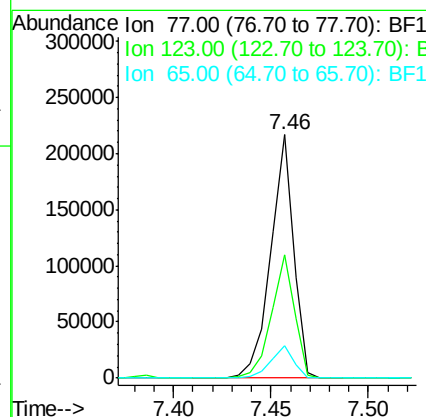
Manual Integrations
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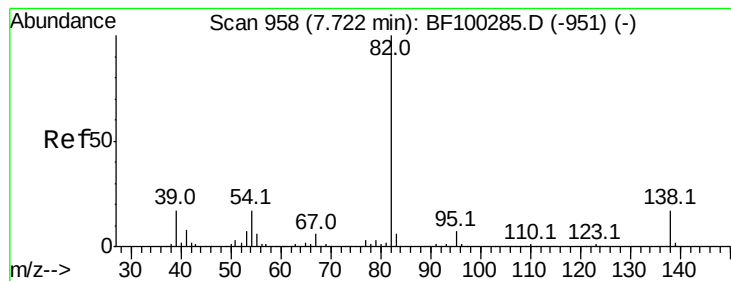
Sohil
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#24
Nitrobenzene
Concen: 36.602 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.8	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 33.079 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

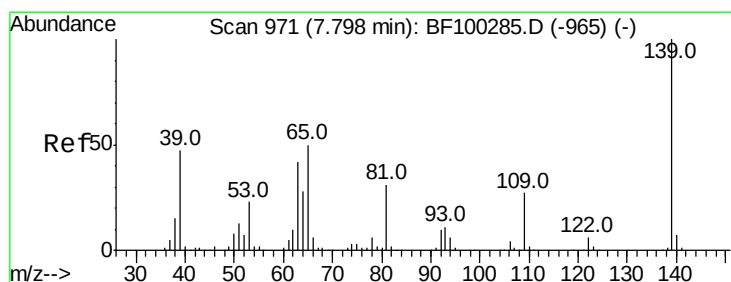
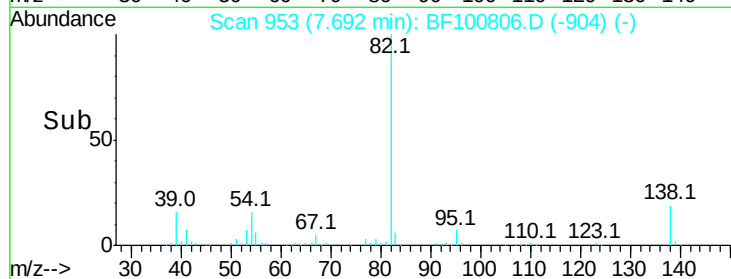
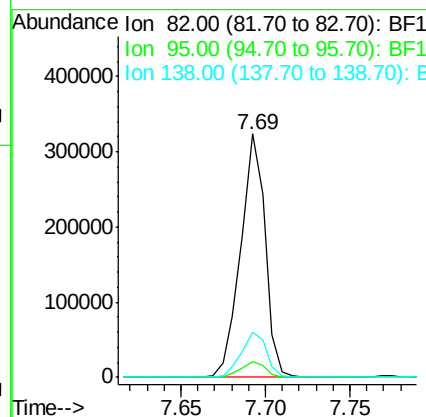
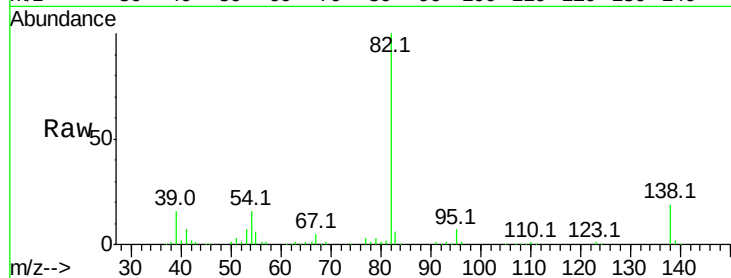
ClientSampleId :

CHAP-2-E(4-5)MSD

Tot Ion:	82	Resp:	326956
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.2	7.8
138	18.6	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.568 ng

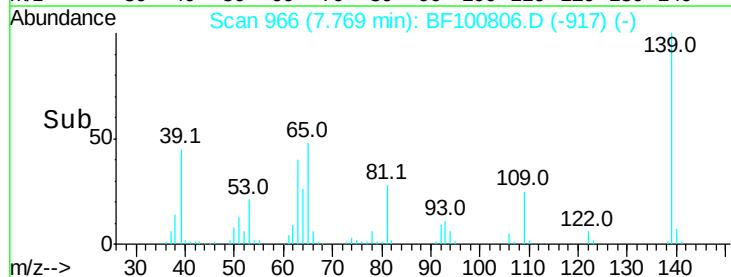
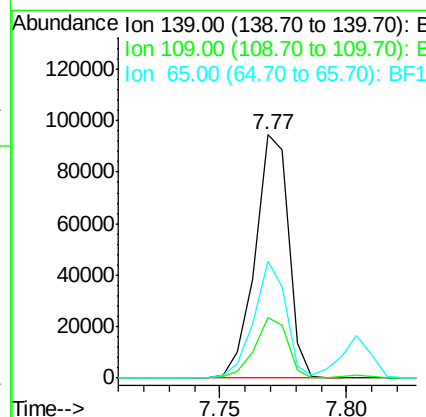
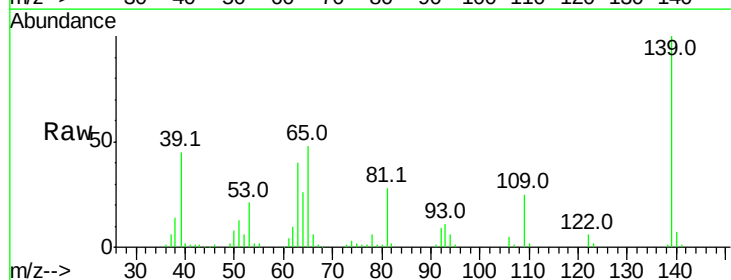
RT: 7.77 min Scan# 966

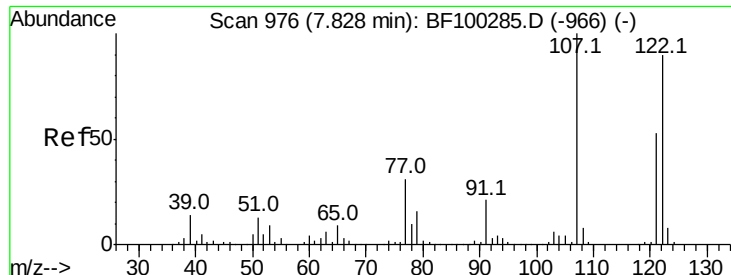
Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Tgt Ion:	139	Resp:	87397
Ion Ratio		Lower	Upper
139	100		
109	24.8	22.7	34.1
65	47.9	40.5	60.7





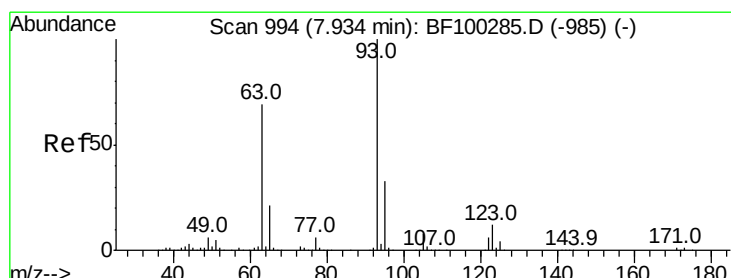
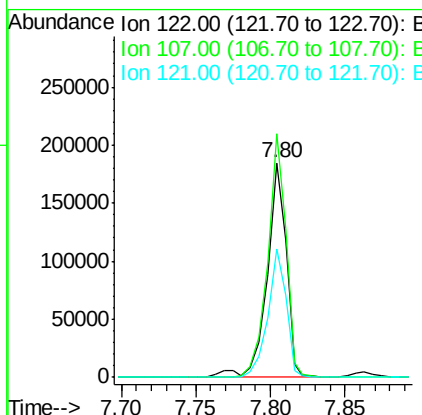
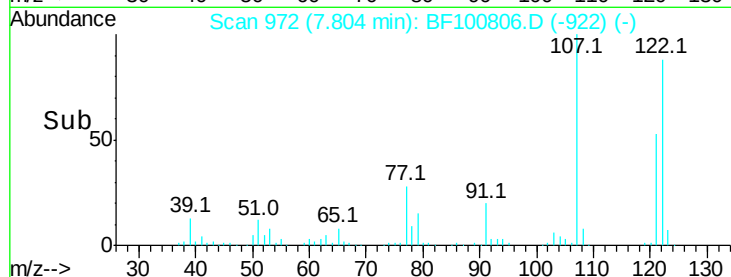
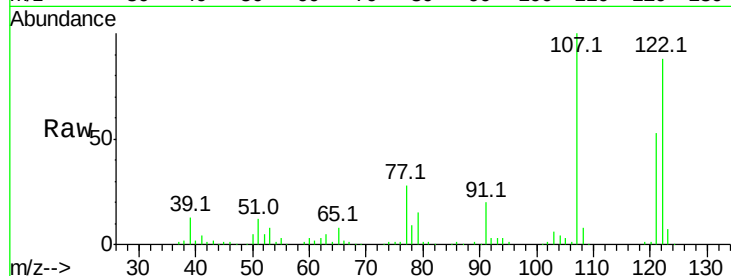
#27
 2,4-Dimethylphenol
 Concen: 36.800 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(4-5)MSD

Tot Ion:	122	Resp:	163057
Ion Ratio	Lower	Upper	
122	100		
107	113.4	91.2	136.8
121	60.0	47.2	70.8

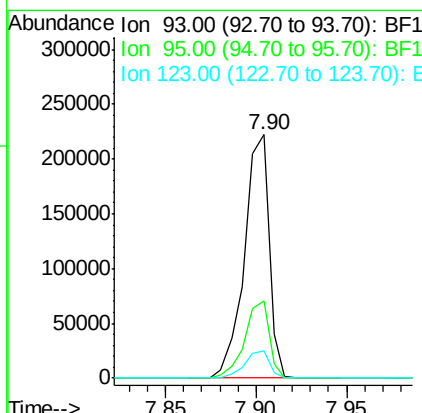
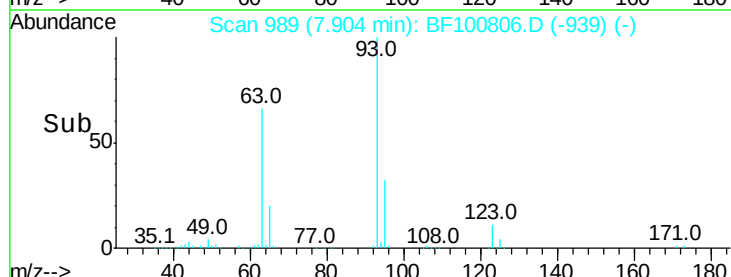
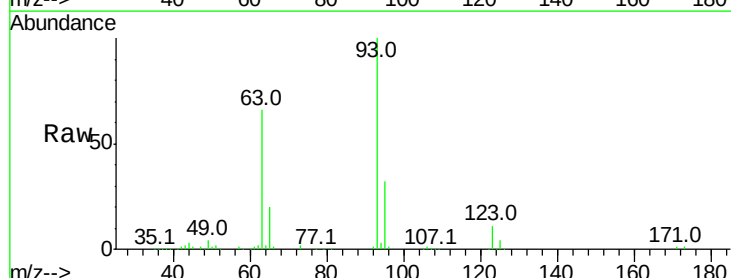
Manual Integrations
 APPROVED

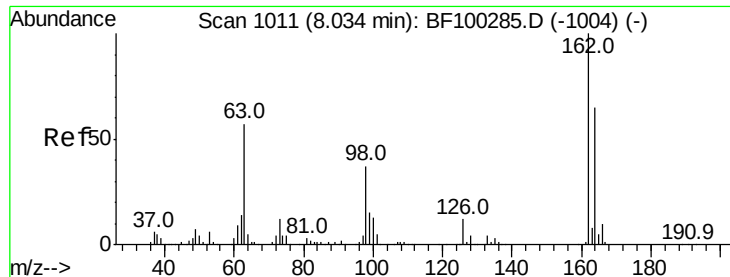
Sohil
 11/22/2017 5:04:51 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.605 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Tgt Ion:	93	Resp:	210805
Ion Ratio	Lower	Upper	
93	100		
95	31.8	26.3	39.5
123	11.3	9.8	14.6





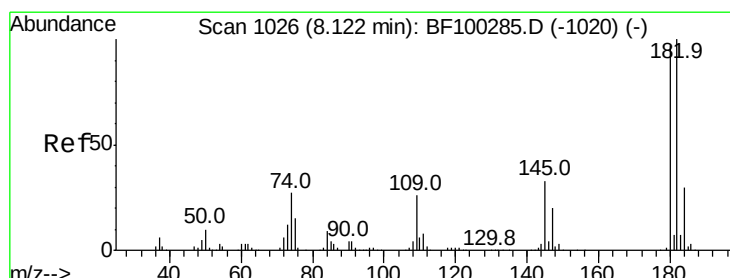
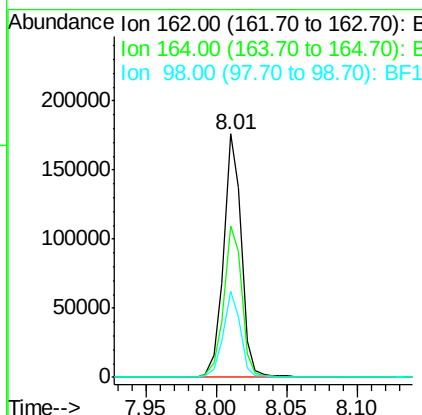
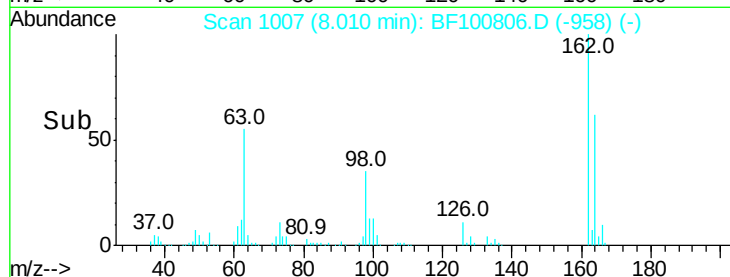
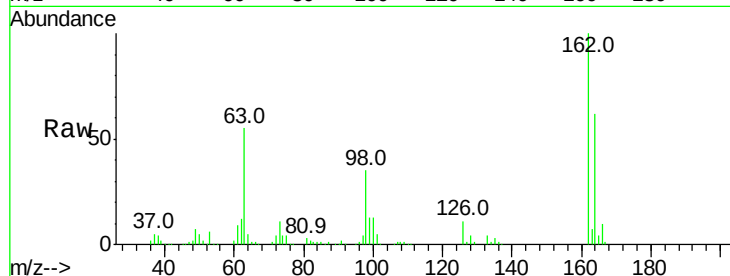
#29
2,4-Dichlorophenol
Concen: 36.534 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	154538		
164	62.1		42.7	82.7
98	35.3		18.1	58.1

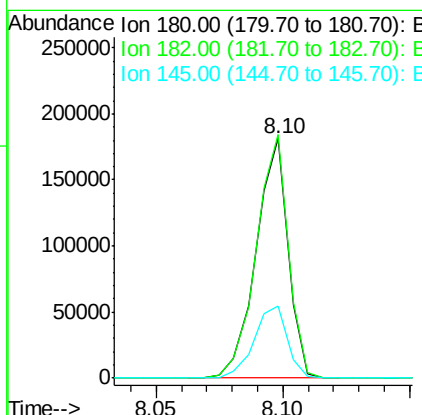
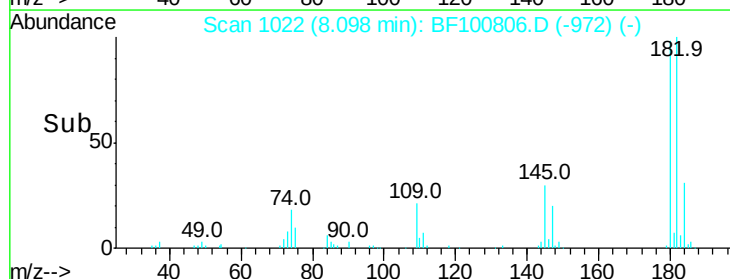
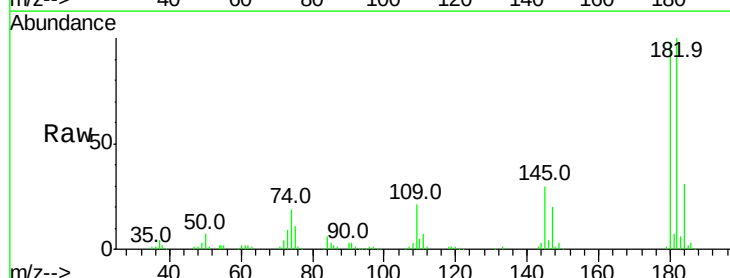
Manual Integrations
APPROVED

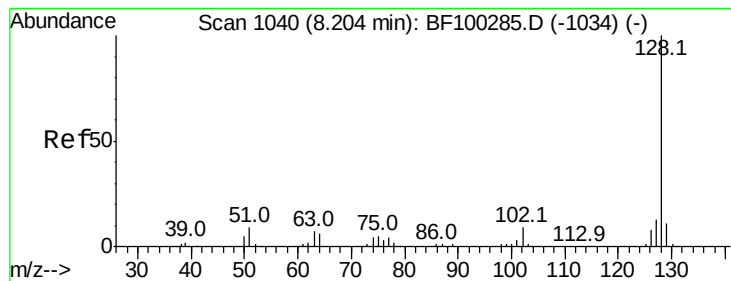
Sohil
11/22/2017 5:04:51 PM



#30
1,2,4-Trichlorobenzene
Concen: 34.985 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	160073		
182	101.7		76.8	115.2
145	30.3		26.5	39.7





#31

Naphthalene

Concen: 34.052 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

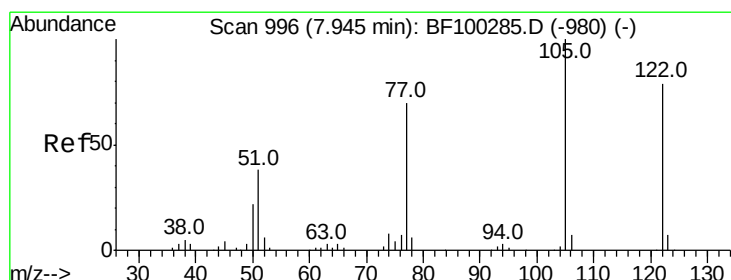
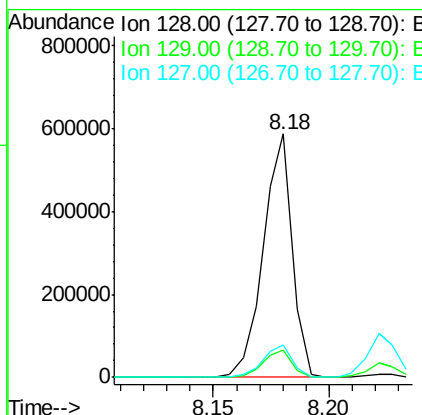
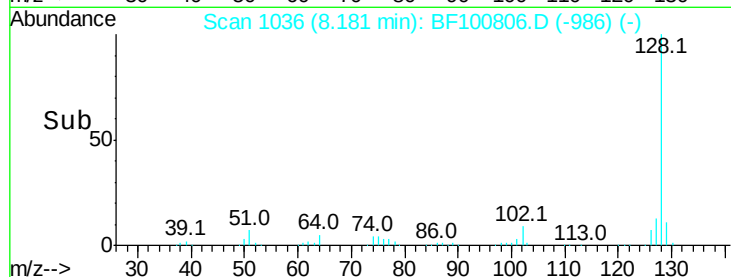
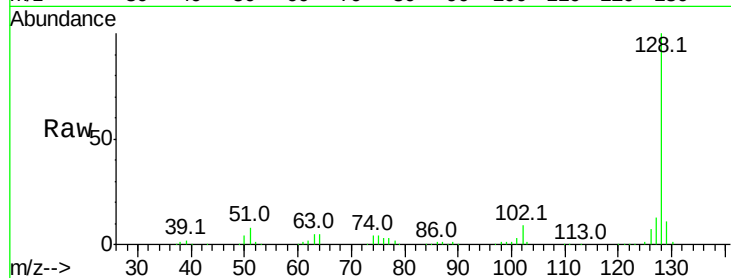
ClientSampleId :

CHAP-2-E(4-5)MSD

Tot Ion:	128	Resp:	510027
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	13.1	10.9	16.3

Manual Integrations
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#32

Benzoic acid

Concen: 10.499 ng m

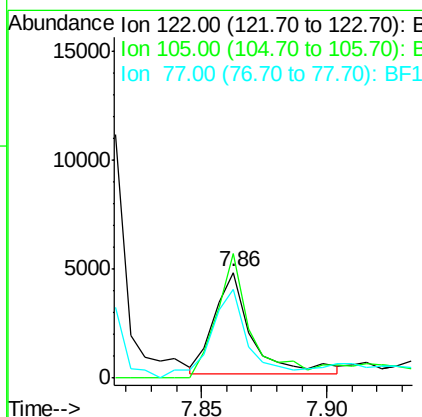
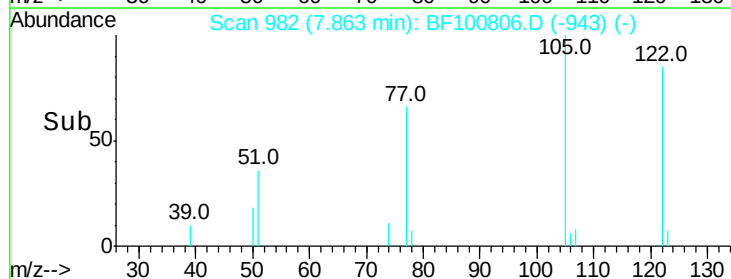
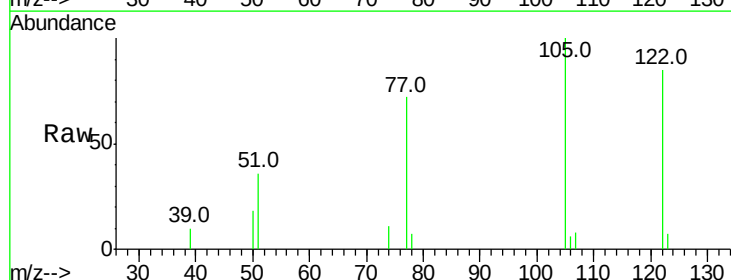
RT: 7.86 min Scan# 982

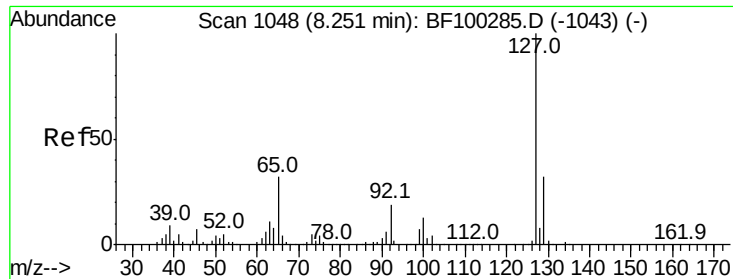
Delta R.T. -0.07 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Tgt Ion:	122	Resp:	4758
Ion Ratio	Lower	Upper	
122	100		
105	117.4	101.1	141.1
77	84.1	70.7	110.7





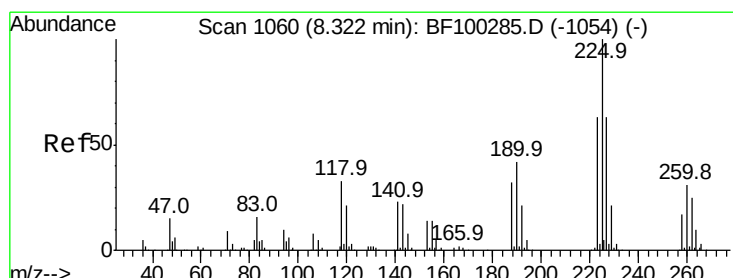
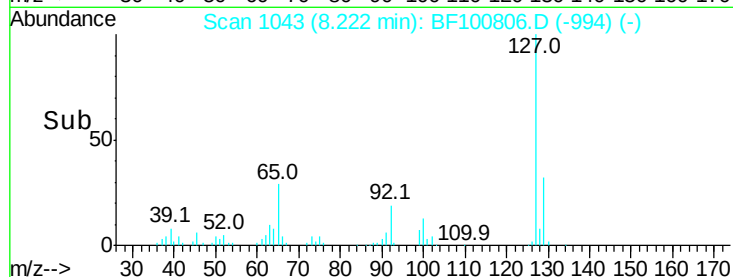
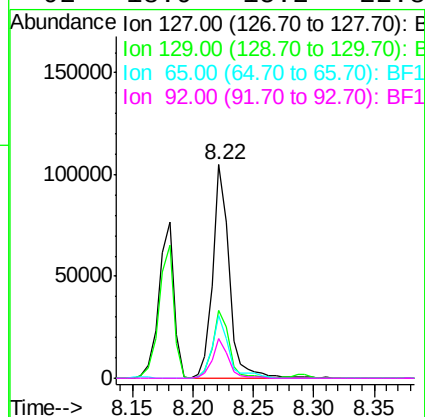
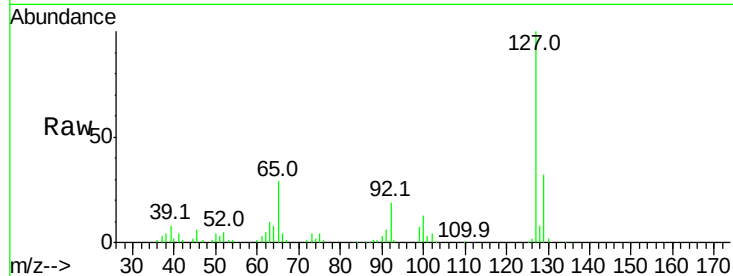
#33
4-Chloroaniline
Concen: 15.905 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	25.9	38.9		
65	29.3	25.0	37.4		
92	18.9	15.2	22.8		

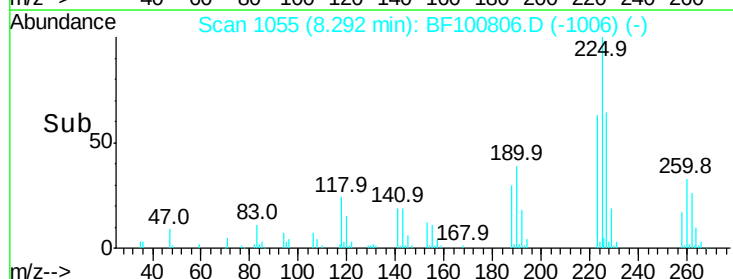
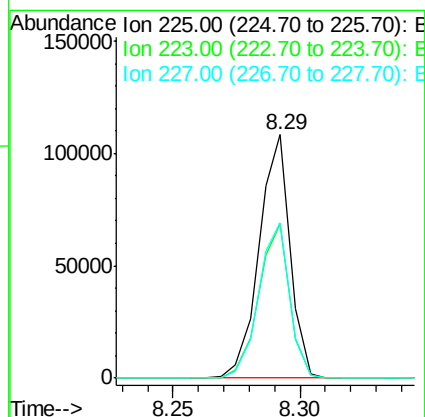
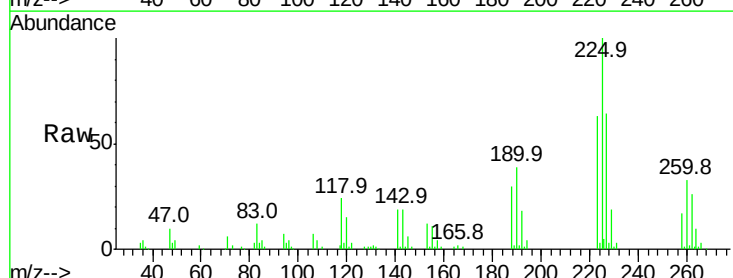
Manual Integrations
APPROVED

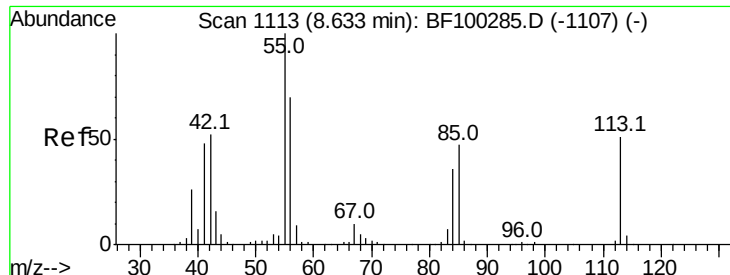
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#34
Hexachlorobutadiene
Concen: 33.650 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	50.6	76.0		
227	63.8	51.9	77.9		





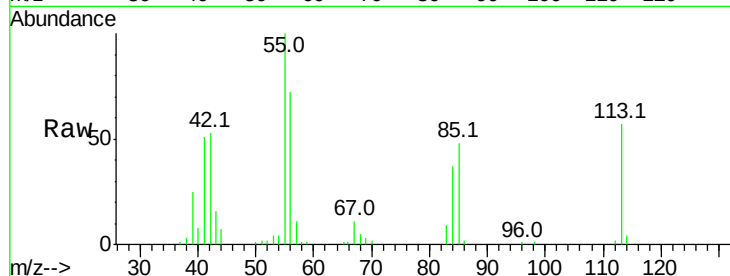
#35
 Caprolactam
 Concen: 27.978 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(4-5)MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	175.8	163.3	203.3	
56	126.3	115.7	155.7	

Manual Integrations
 APPROVED

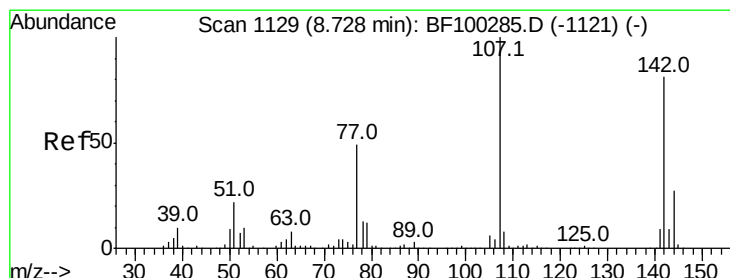
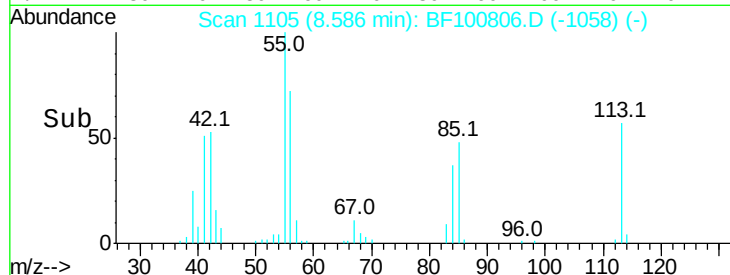
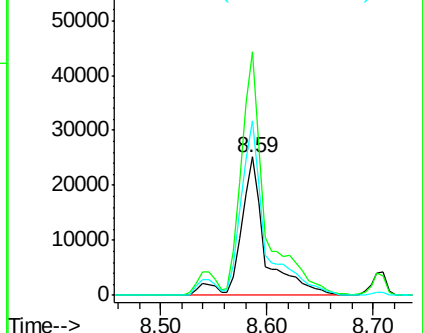
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Abundance Ion 113.00 (112.70 to 113.70): E

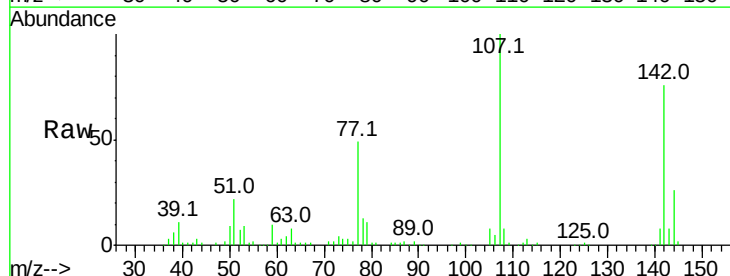
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 34.179 ng/ml
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

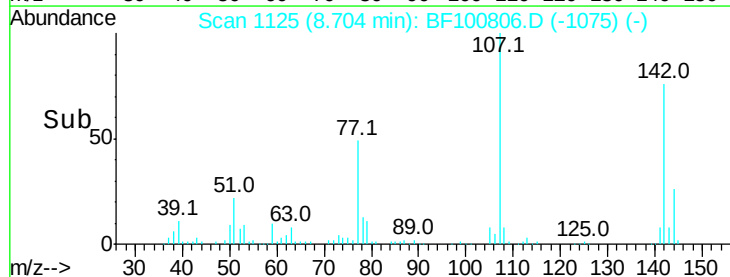
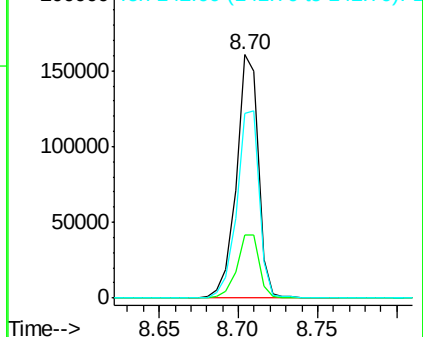
Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.2	20.5	30.7	
142	76.0	62.0	93.0	

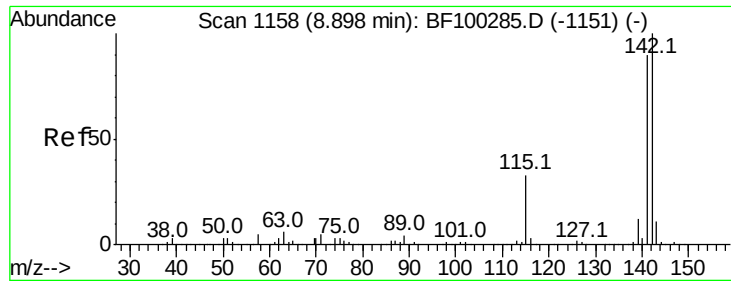


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





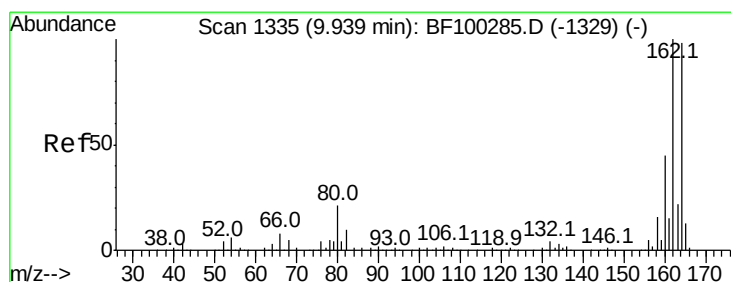
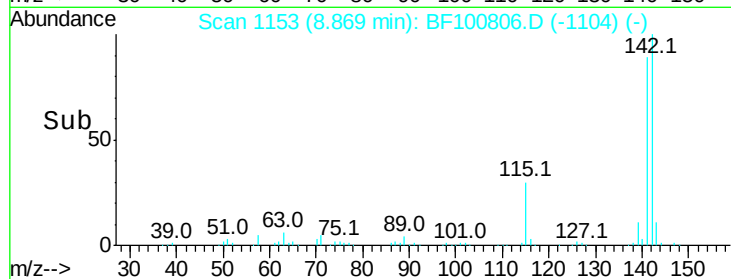
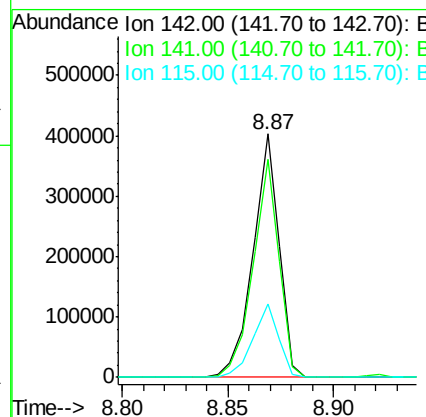
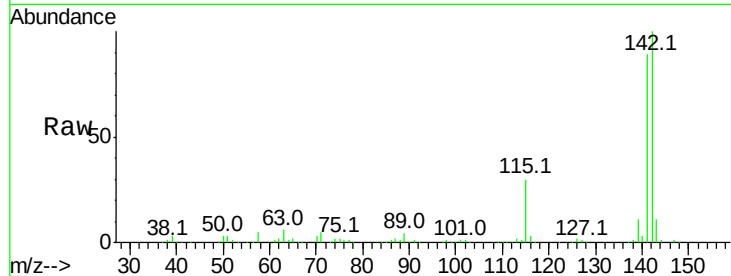
#37
2-Methylnaphthalene
Concen: 34.842 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	30.2	26.1	39.1

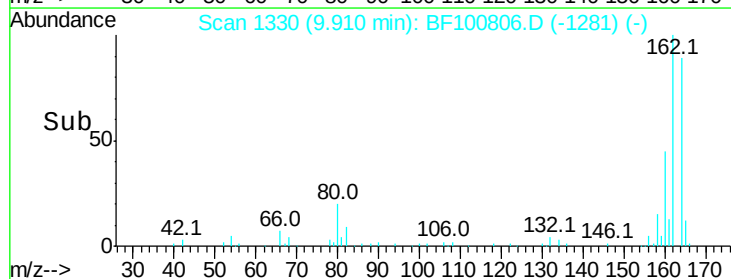
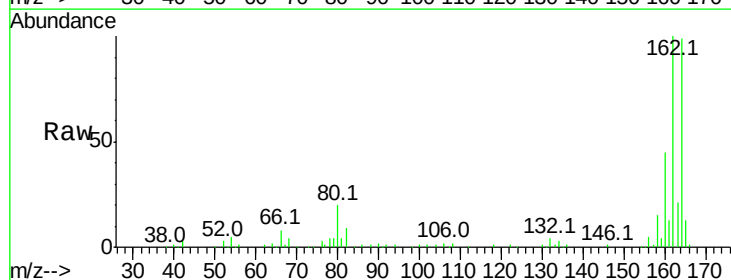
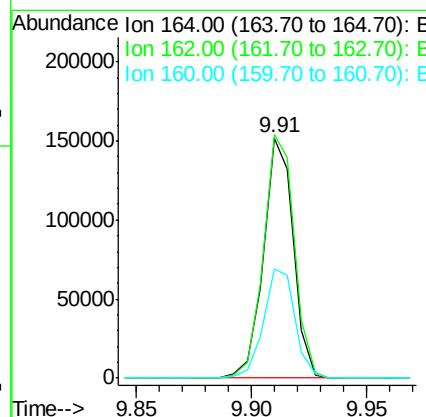
Manual Integrations
APPROVED

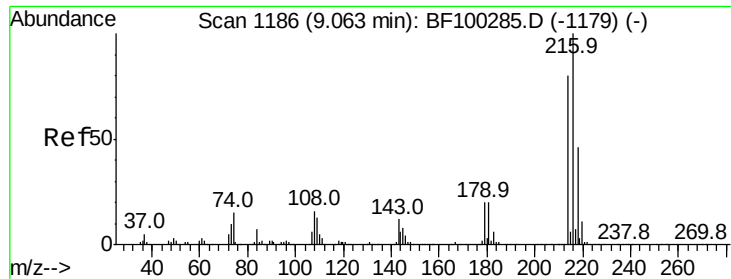
Sohil
11/22/2017 5:04:51 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	45.3	38.3	57.5





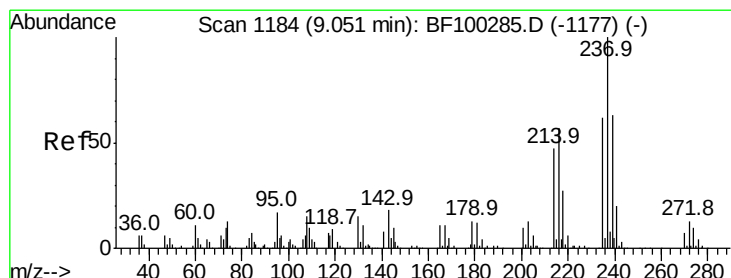
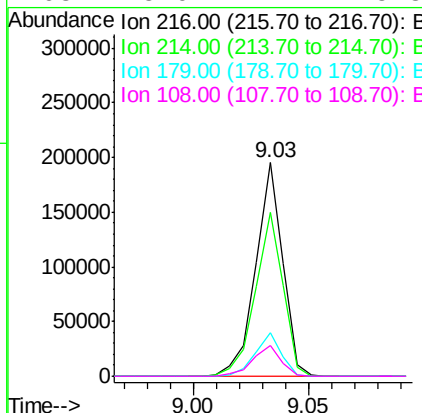
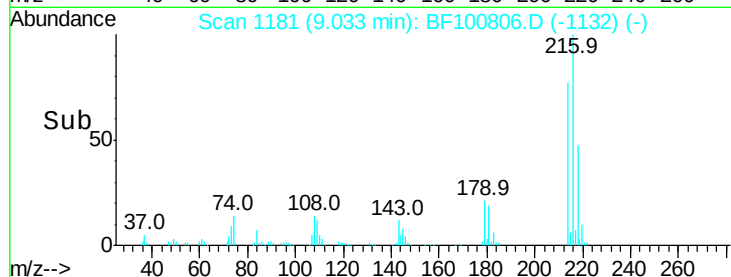
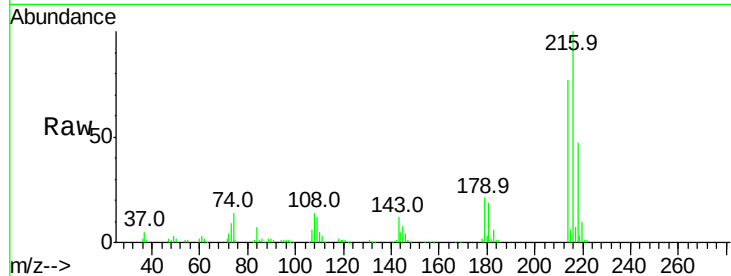
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.217 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	159643		
214	78.8	63.0	94.4	
179	20.1	18.1	27.1	
108	15.0	17.2	25.8	

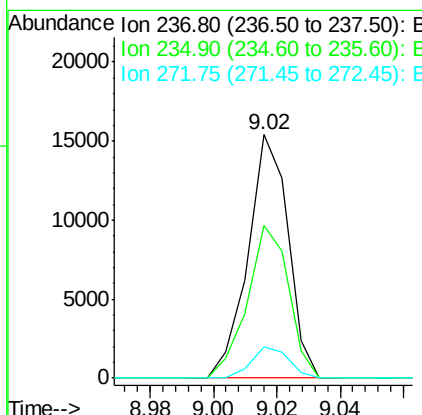
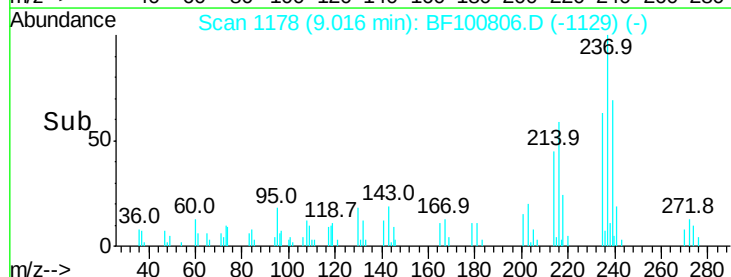
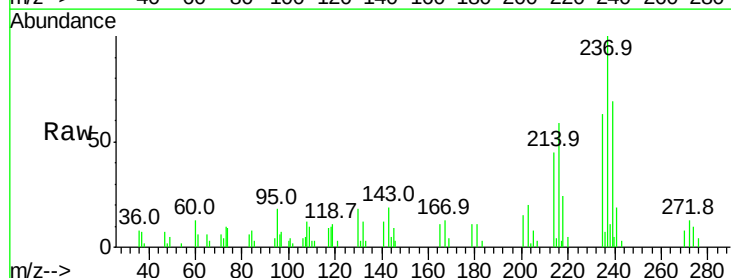
Manual Integrations
 APPROVED

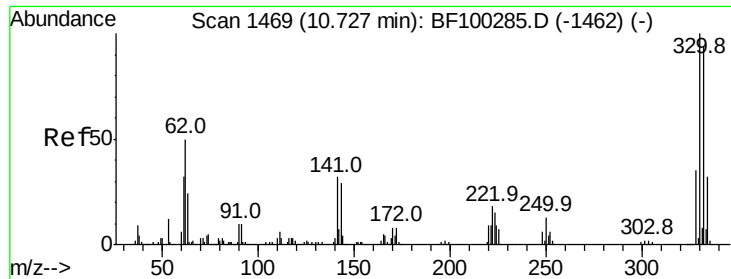
Sohil
 11/22/2017 5:04:51 PM



#40
 Hexachlorocyclopentadiene
 Concen: 6.348 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	13544		
235	62.8	44.8	84.8	
272	12.6	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 94.329 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

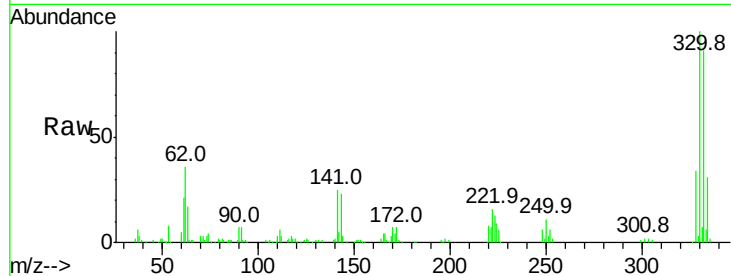
ClientSampleId :

CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	77.0	115.6	
141	29.0	29.9	44.9#	

Manual Integrations
APPROVED

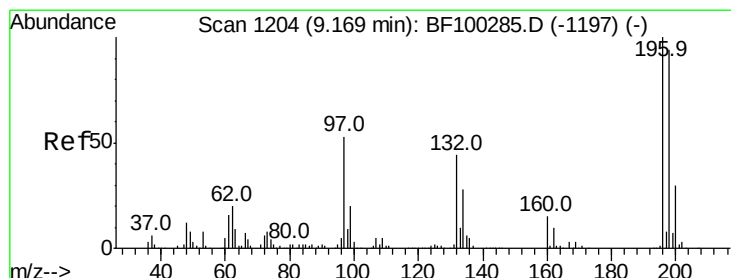
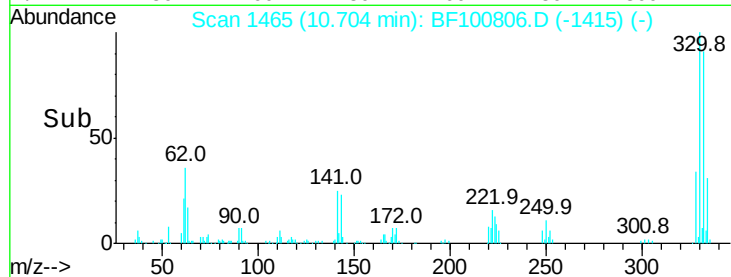
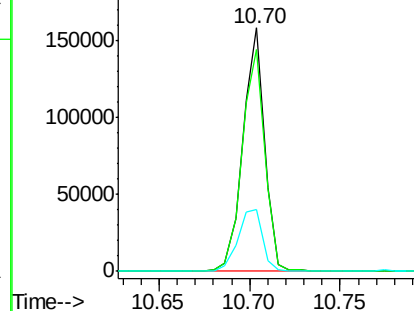
Sohil
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 38.284 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF100806.D

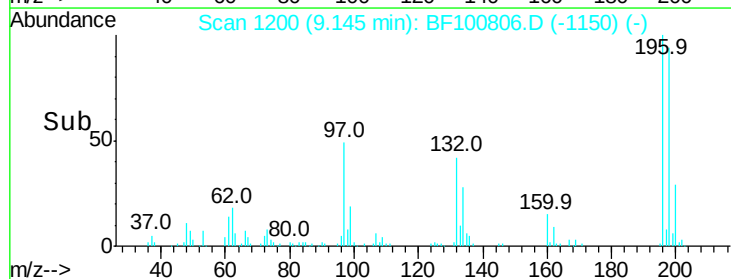
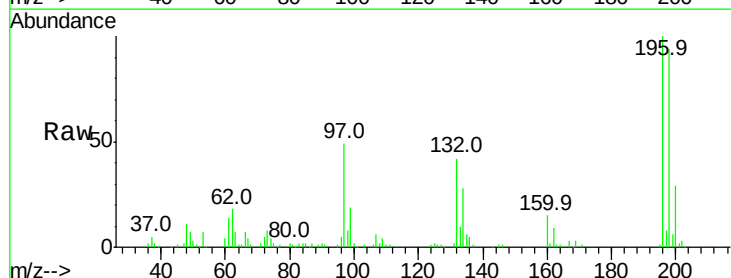
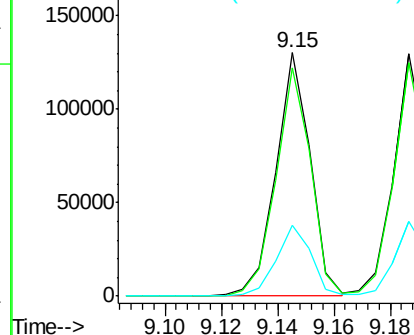
Acq: 22 Nov 2017 3:46

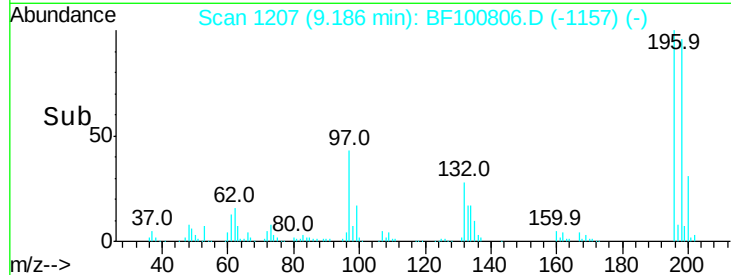
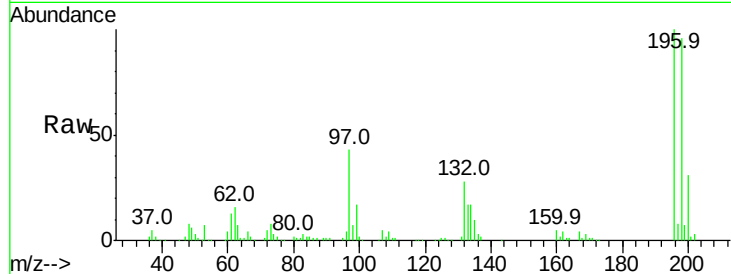
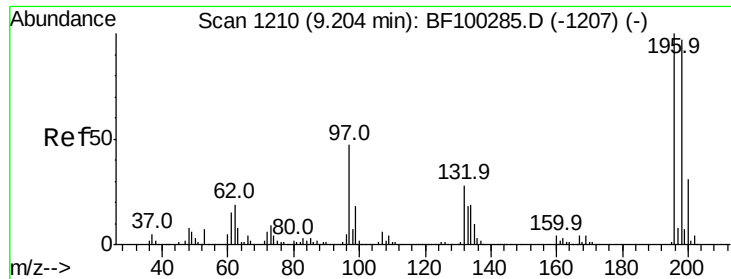
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.7	75.7	113.5	
200	29.2	24.5	36.7	

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





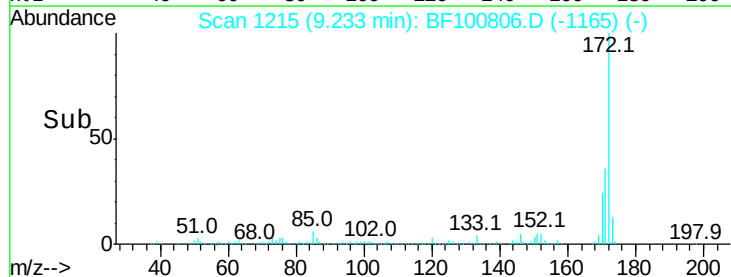
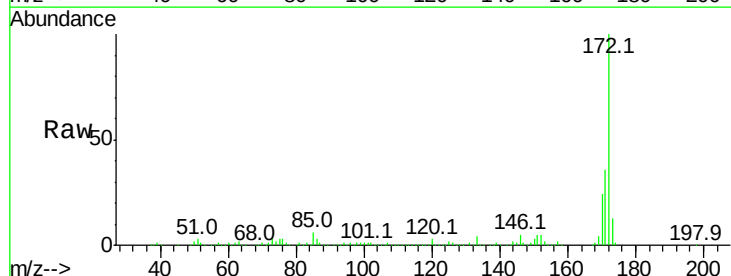
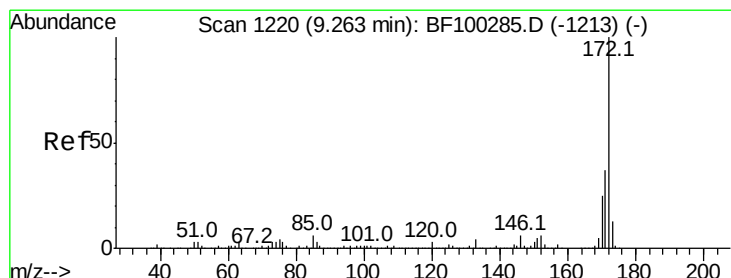
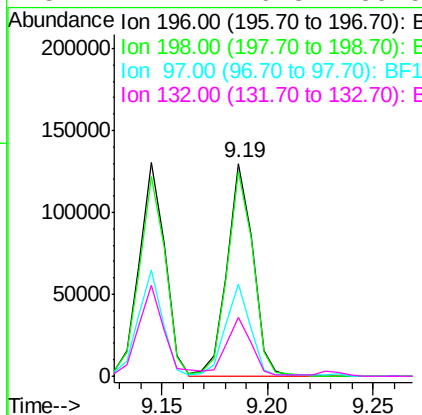
#43
2,4,5-Trichlorophenol
Concen: 36.850 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tot Ion	Ratio	Resp	Lower	Upper
196	100	109691		
198	96.2	74.6	112.0	
97	43.3	42.9	64.3	
132	27.7	26.3	39.5	

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MSD

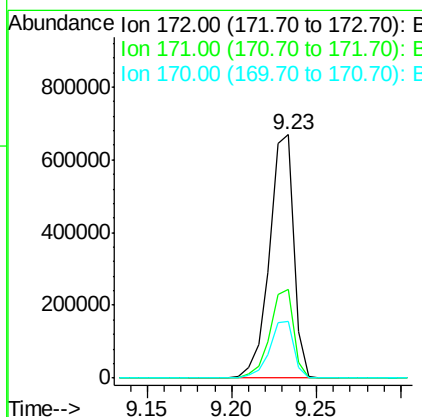
Manual Integrations
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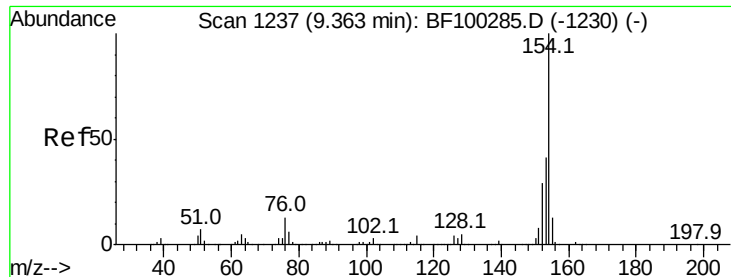
Sohil
11/22/2017 5:04:51 PM



#44
2-Fluorobiphenyl
Concen: 73.308 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	658037		
171	36.3	29.7	44.5	
170	23.5	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 34.085 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

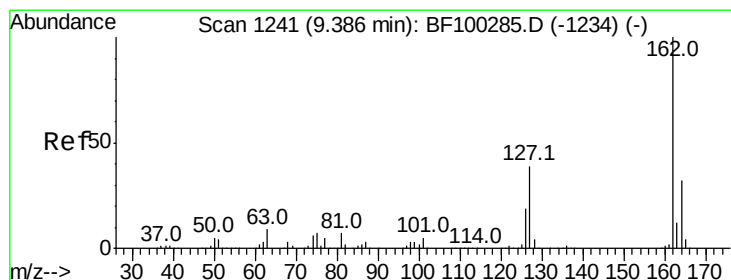
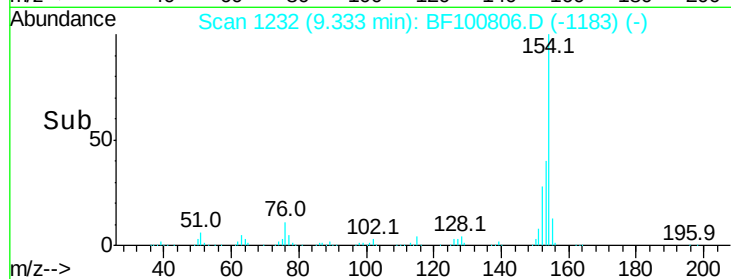
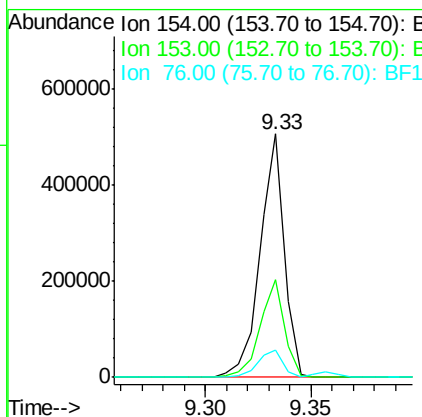
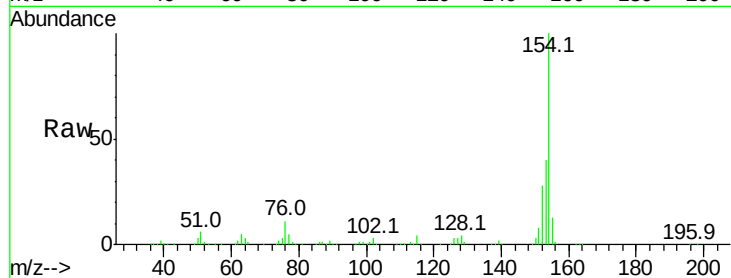
ClientSampleId :

CHAP-2-E(4-5)MSD

Tot Ion:154	Resp:	402947
Ion Ratio	Lower	Upper
154 100		
153 40.2	21.3	61.3
76 11.2	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 36.316 ng

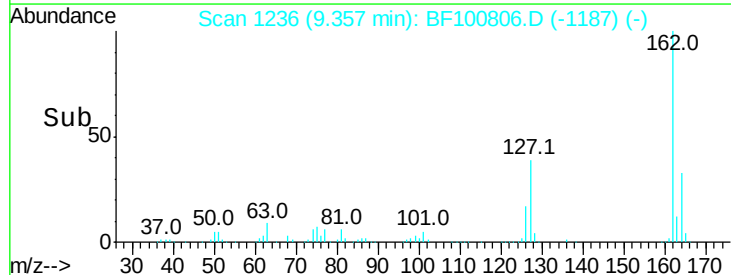
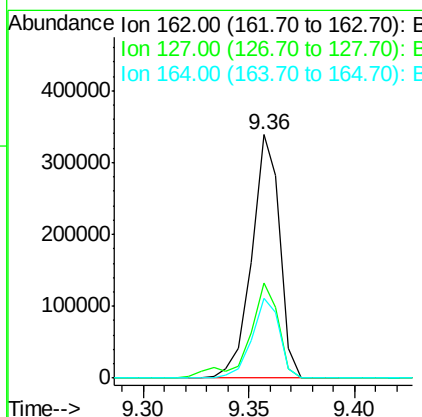
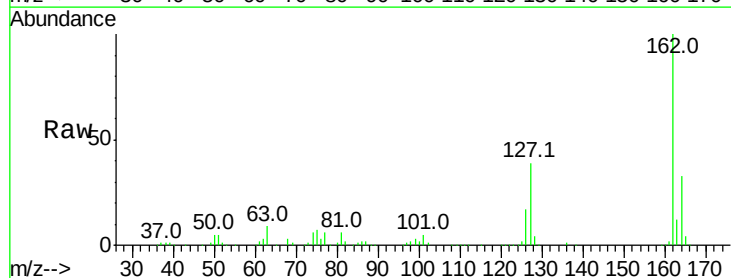
RT: 9.36 min Scan# 1236

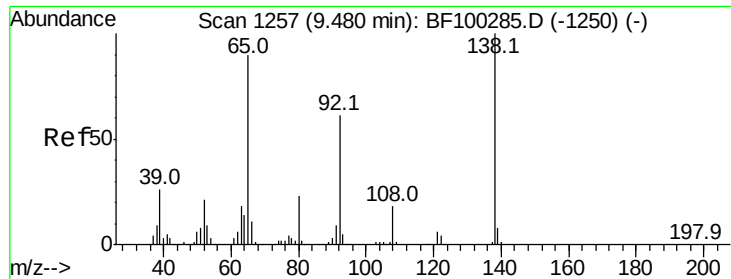
Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Tgt Ion:162	Resp:	311451
Ion Ratio	Lower	Upper
162 100		
127 39.2	33.9	50.9
164 32.8	26.5	39.7





#47

2-Nitroaniline

Concen: 37.872 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampleId :

CHAP-2-E(4-5)MSD

Tot Ion: 65 Resp: 94393

Ion Ratio Lower Upper

65 100

92 73.1 55.8 83.6

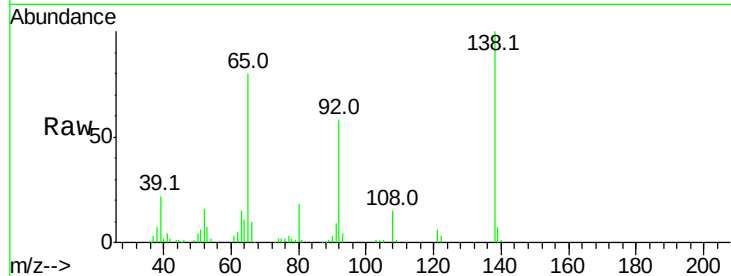
138 125.1 91.2 136.8

Manual Integrations

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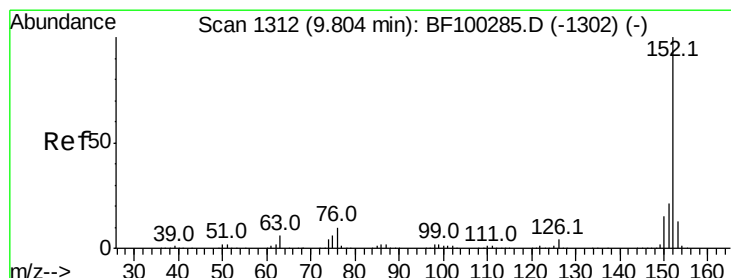
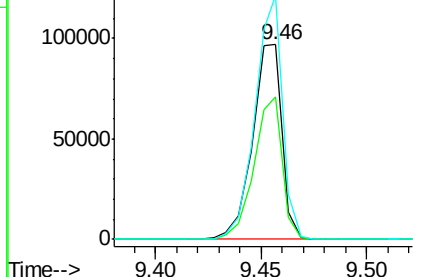
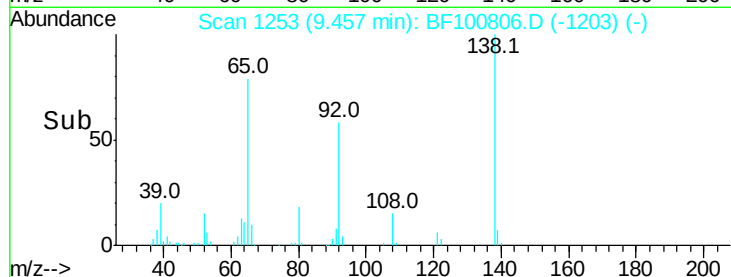
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Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 33.179 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

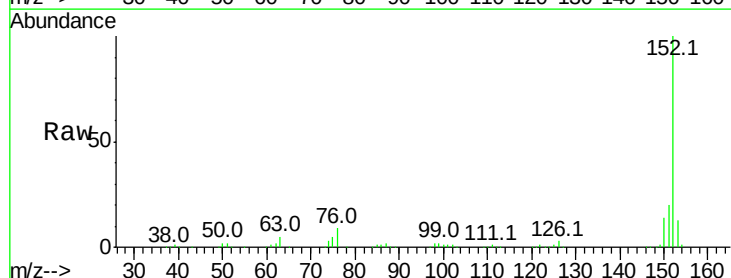
Tgt Ion: 152 Resp: 471566

Ion Ratio Lower Upper

152 100

151 19.7 16.3 24.5

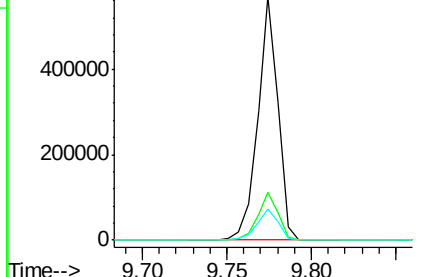
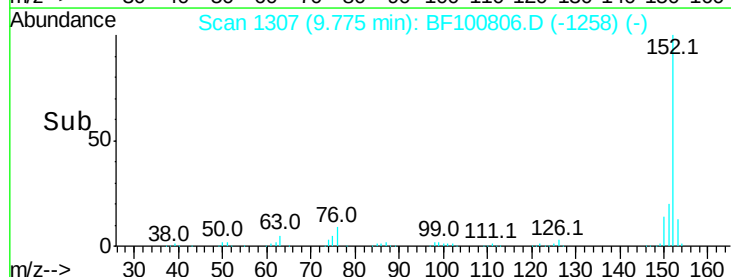
153 12.8 10.7 16.1

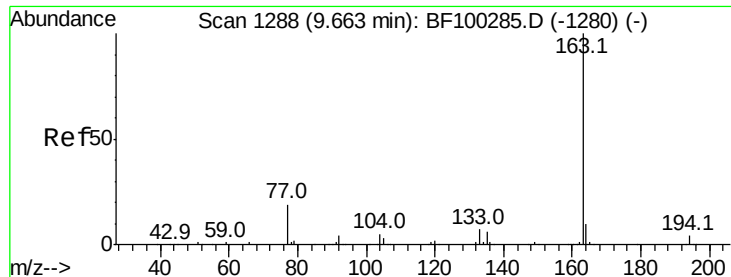


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





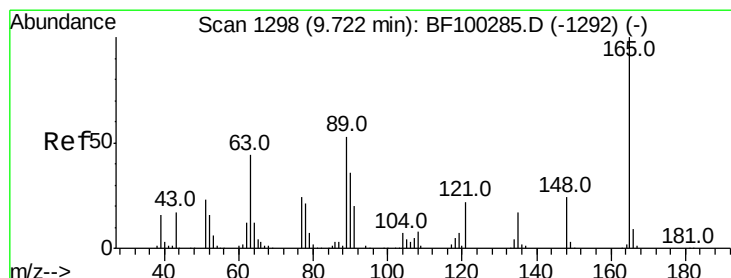
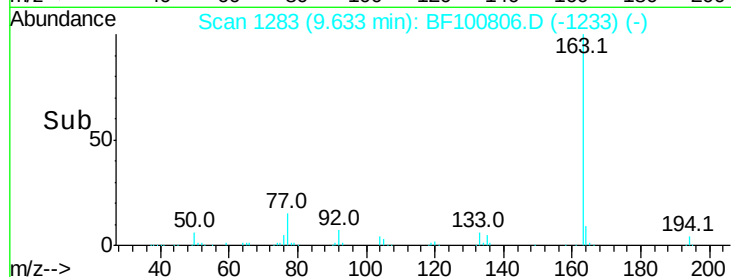
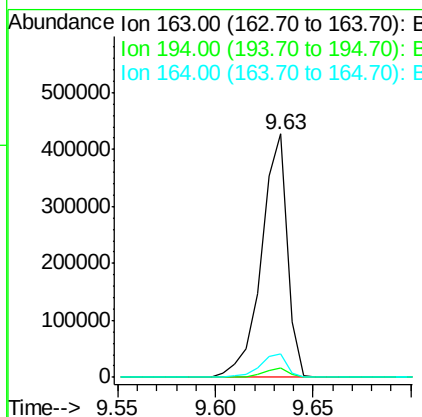
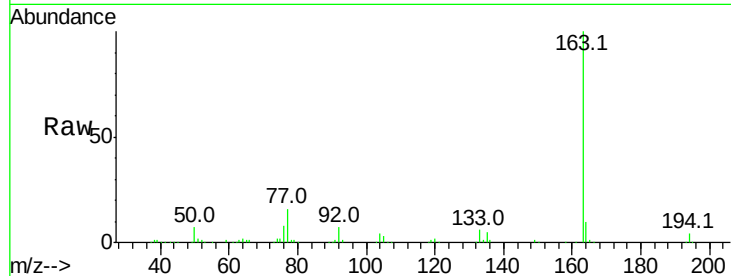
#49
 Dimethylphthalate
 Concen: 37.547 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	391839		
194	3.7		2.7	4.1
164	9.6		8.2	12.2

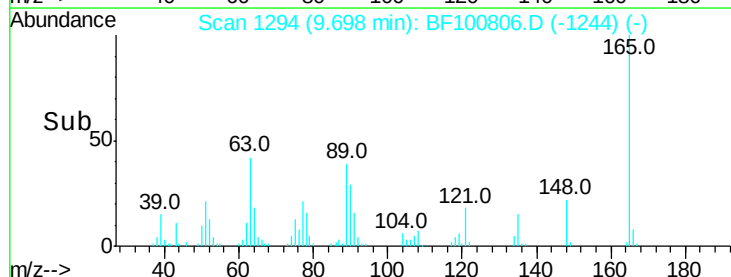
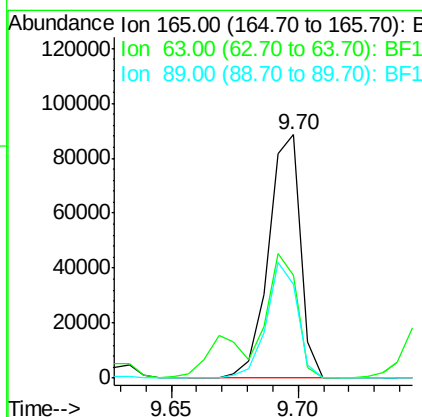
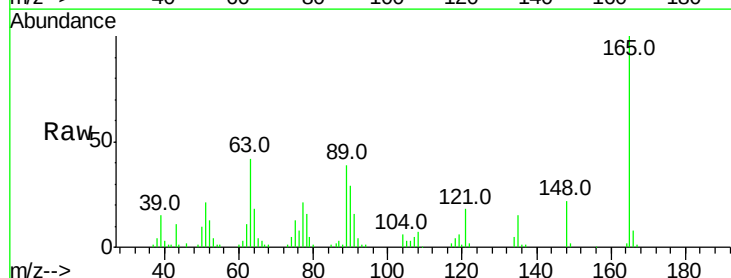
Manual Integrations
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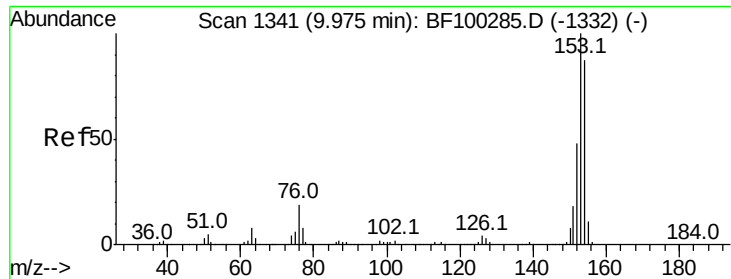
Sohil
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#50
 2,6-Dinitrotoluene
 Concen: 37.924 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	78342		
63	42.3		44.7	67.1#
89	38.7		44.0	66.0#





#51

Acenaphthene

Concen: 31.739 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

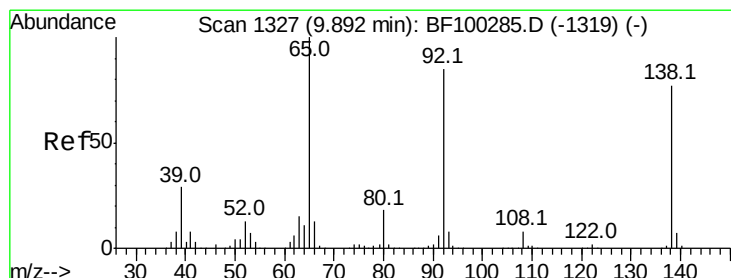
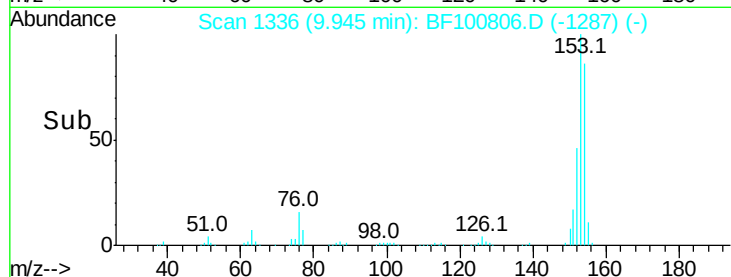
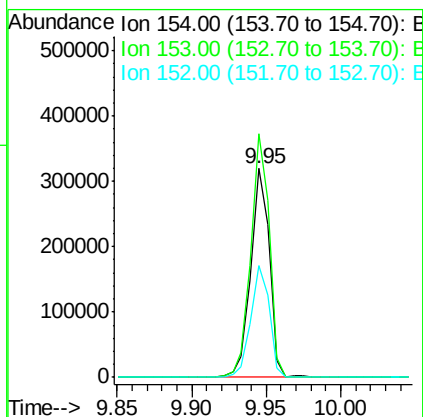
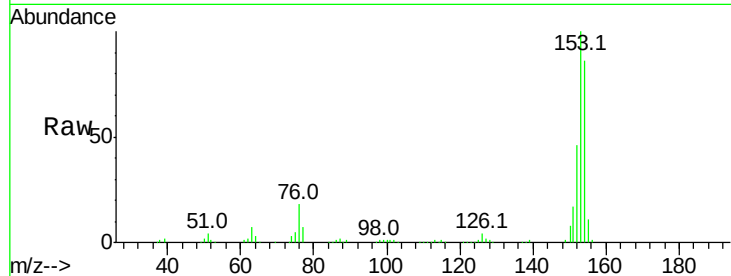
ClientSampleId :

CHAP-2-E(4-5)MSD

Tot Ion:	154	Resp:	274350
Ion Ratio	Lower	Upper	
154	100		
153	116.5	91.2	136.8
152	53.3	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 29.385 ng

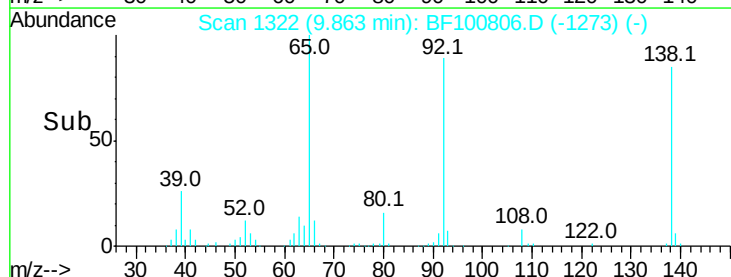
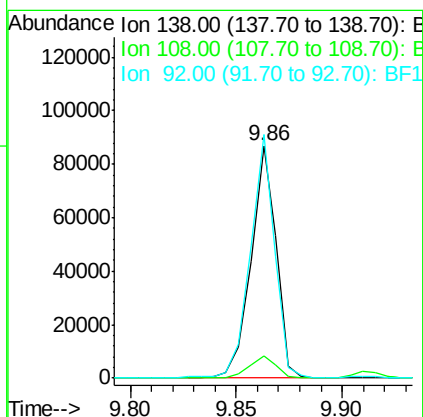
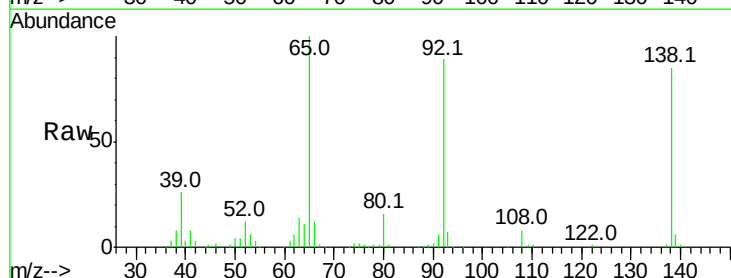
RT: 9.86 min Scan# 1322

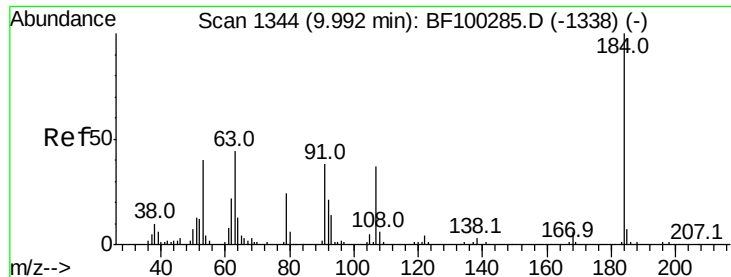
Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Tgt Ion:	138	Resp:	71679
Ion Ratio	Lower	Upper	
138	100		
108	9.7	9.4	14.0
92	104.9	89.4	134.2





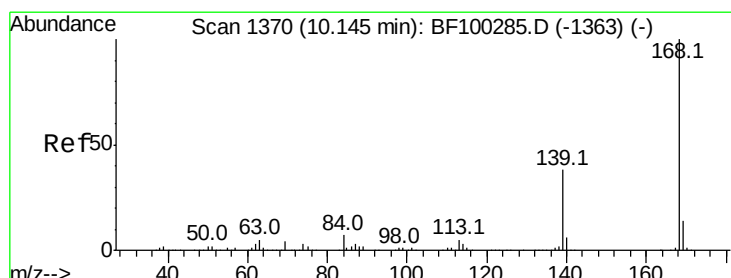
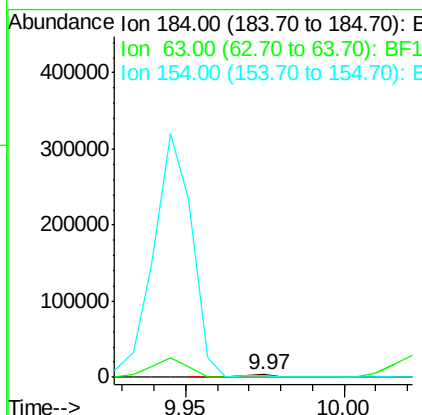
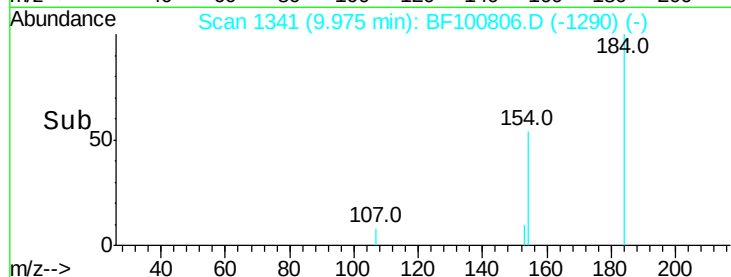
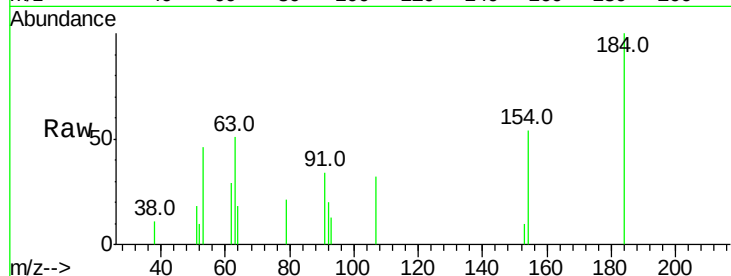
#53
2,4-Dinitrophenol
Concen: 12.064 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	51.3	54.2	81.2#
154	54.0	184.0	276.0#

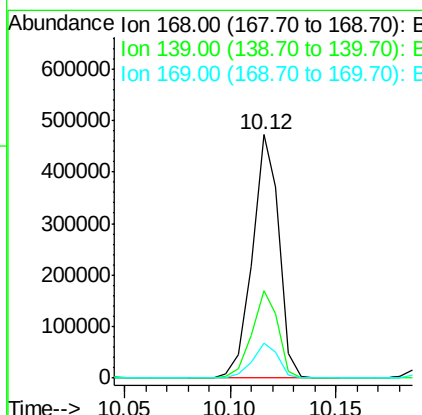
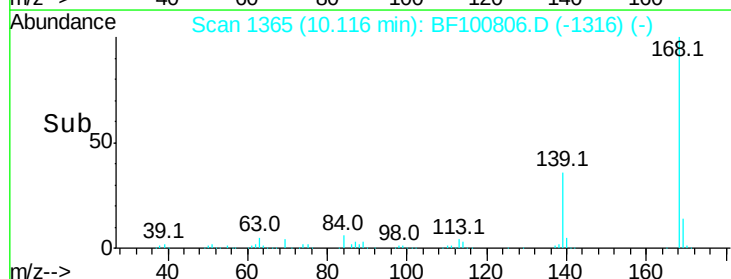
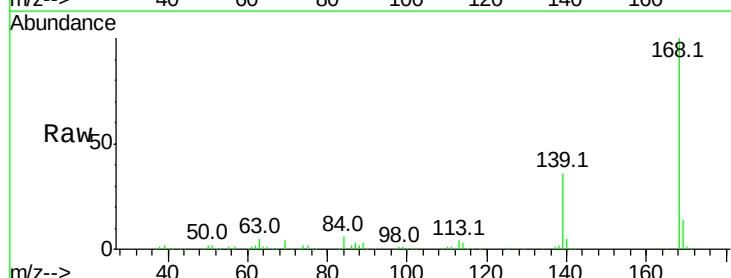
Manual Integrations
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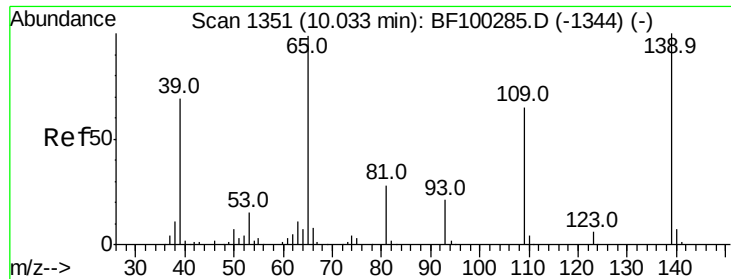
Sohil
11/22/2017 5:04:51 PM



#54
Dibenzofuran
Concen: 33.918 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.1	30.1	45.1
169	14.2	10.9	16.3





#55

4-Nitrophenol

Concen: 52.842 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

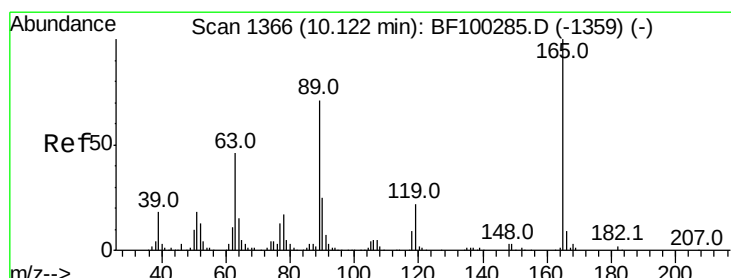
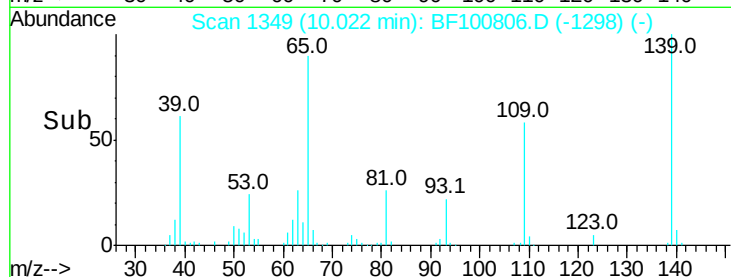
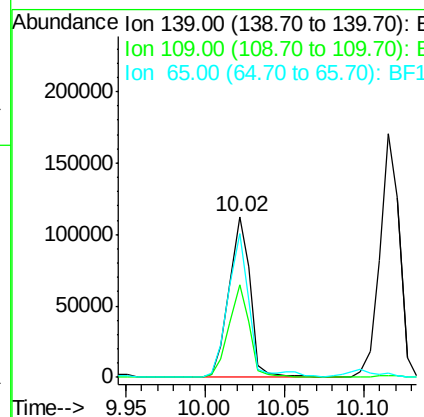
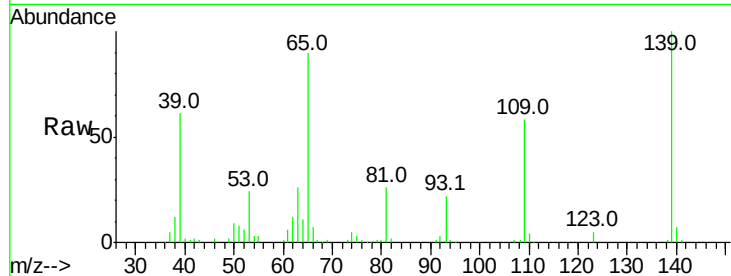
ClientSampleId :

CHAP-2-E(4-5)MSD

Tot Ion:	139	Resp:	104665
Ion Ratio	Lower	Upper	
139	100		
109	58.0	48.4	88.4
65	89.7	72.6	112.6

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 36.949 ng

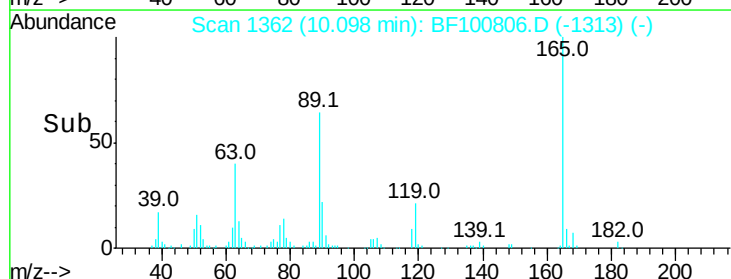
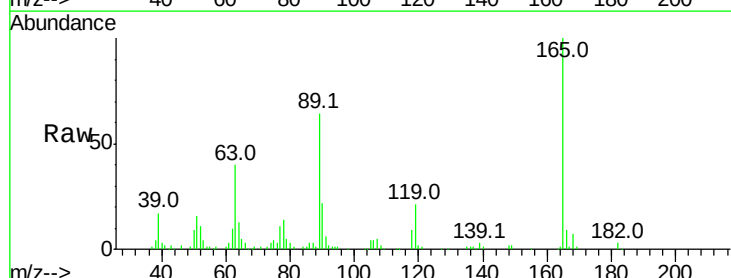
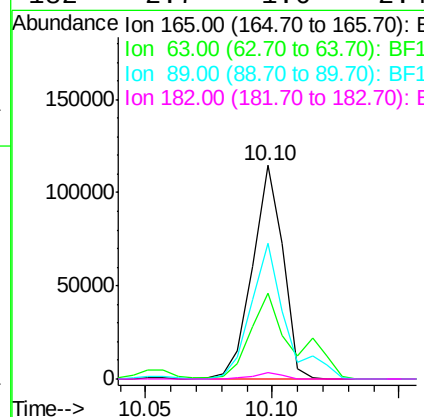
RT: 10.10 min Scan# 1362

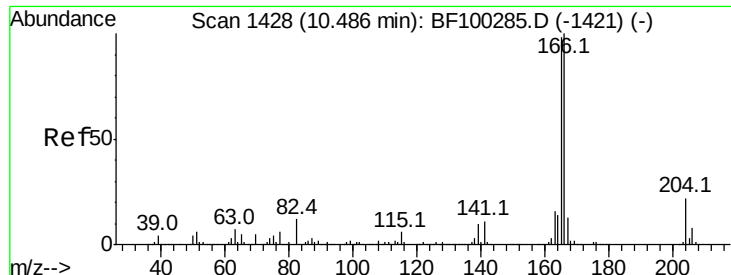
Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Tgt Ion:	165	Resp:	96291
Ion Ratio	Lower	Upper	
165	100		
63	40.4	36.4	54.6
89	63.7	57.8	86.6
182	2.7	1.6	2.4#





#57

Fluorene

Concen: 34.584 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

ClientSampleId :

CHAP-2-E(4-5)MSD

Tot Ion:166 Resp: 306933

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.8

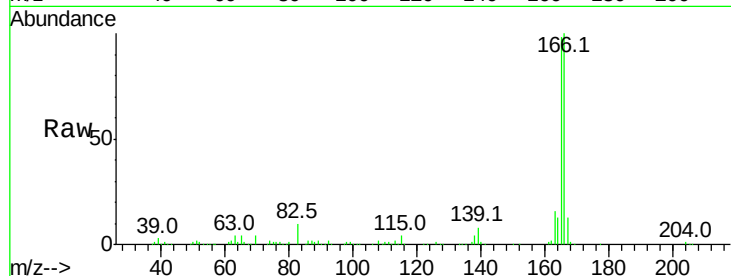
167 13.1 10.6 16.0

Manual Integrations

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Sohil

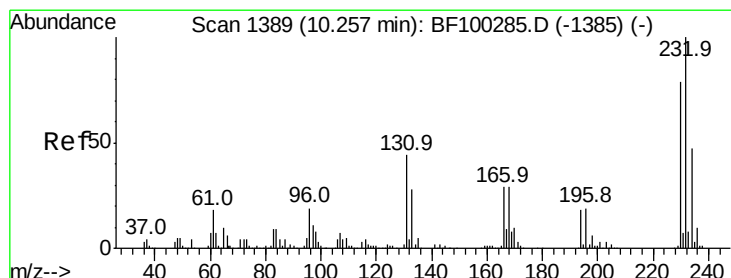
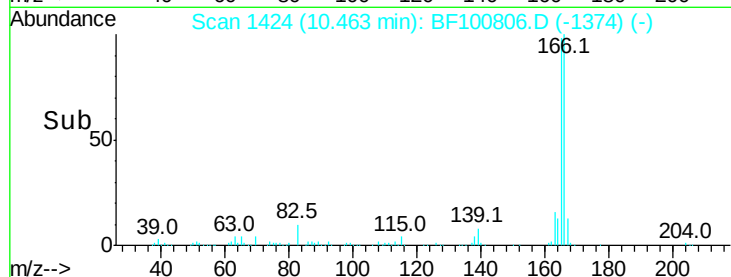
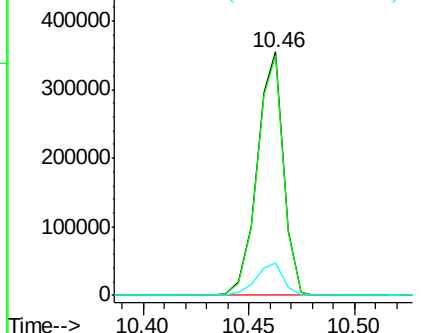
11/22/2017 5:04:51 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.363 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Tgt Ion:232 Resp: 78953

Ion Ratio Lower Upper

232 100

131 40.7 43.8 65.8#

130 2.1 2.1 3.1

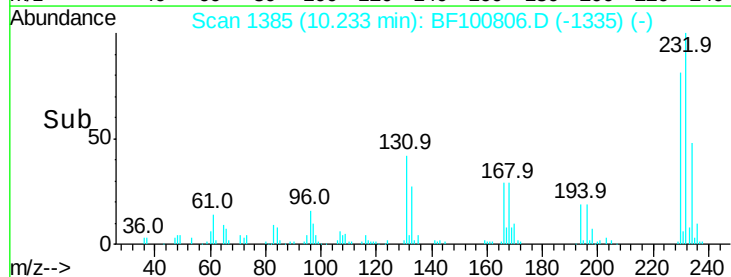
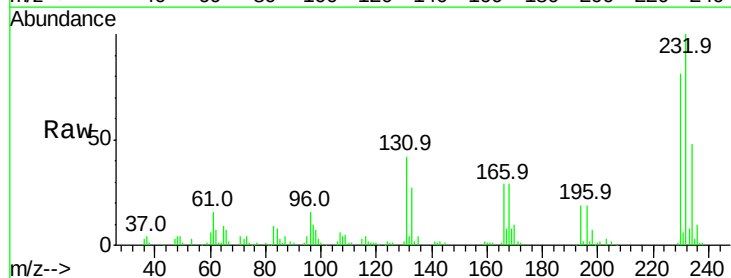
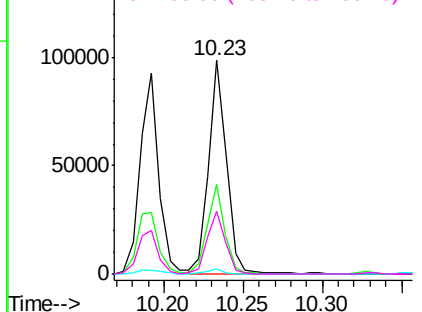
166 29.3 27.8 41.6

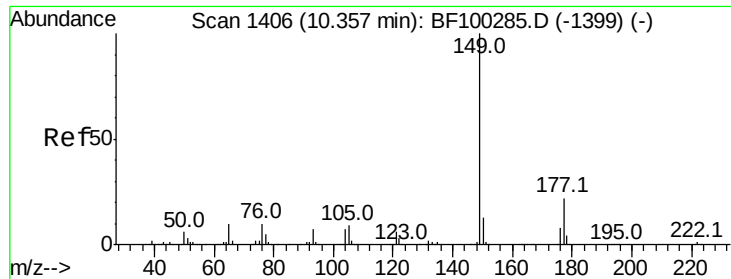
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





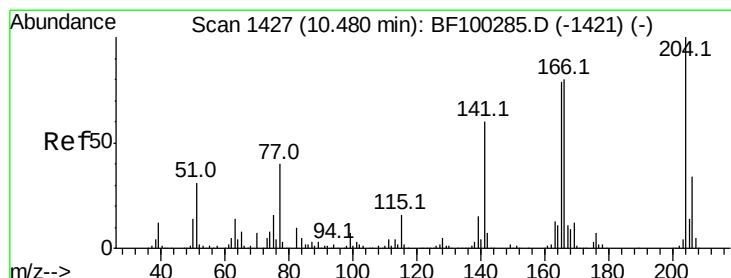
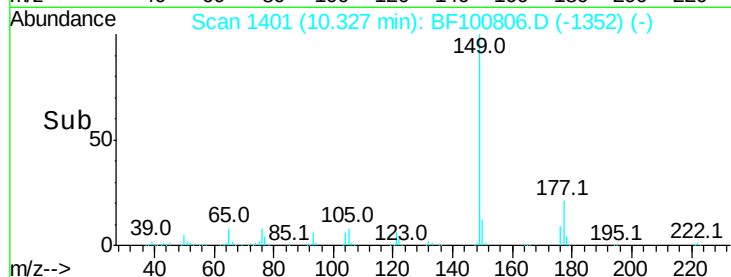
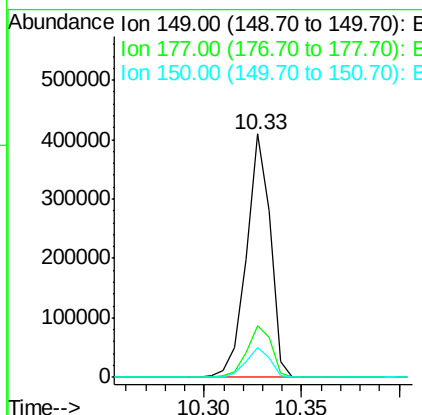
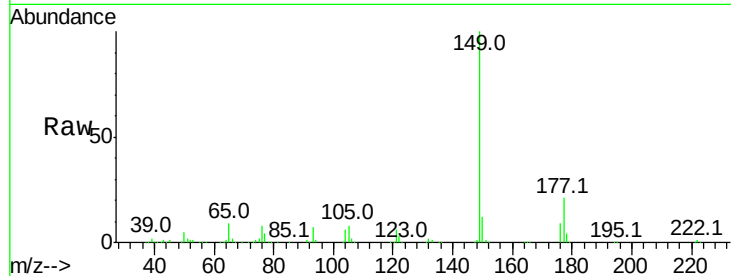
#59
Diethylphthalate
Concen: 33.276 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	347518		
177	21.4	16.1	24.1	
150	12.4	10.1	15.1	

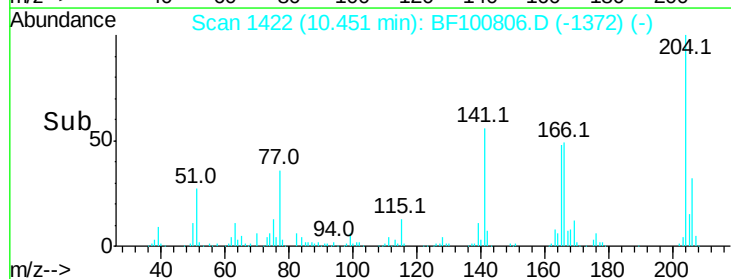
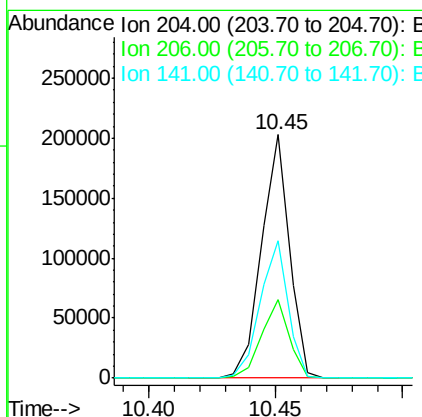
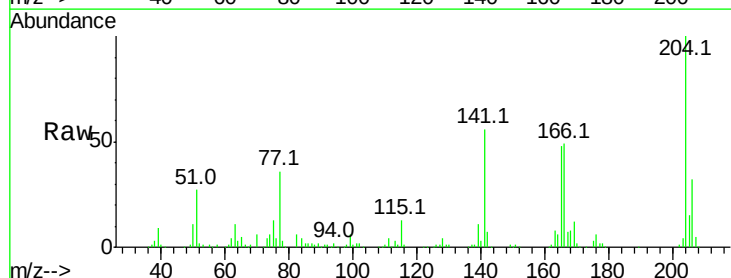
Manual Integrations
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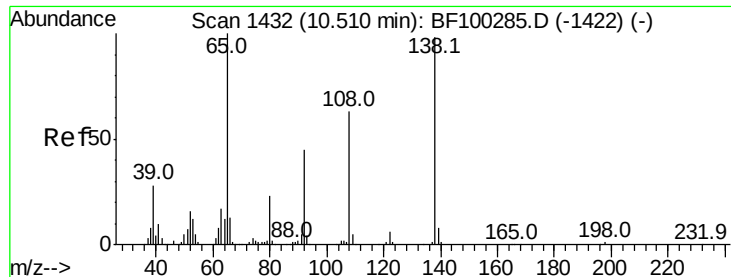
Sohil
11/22/2017 5:04:51 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.995 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	156715		
206	32.5	26.5	39.7	
141	56.2	54.6	81.8	





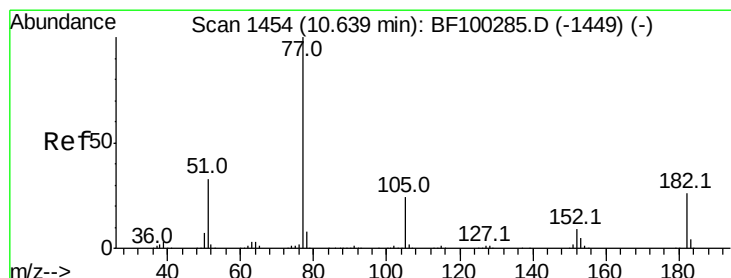
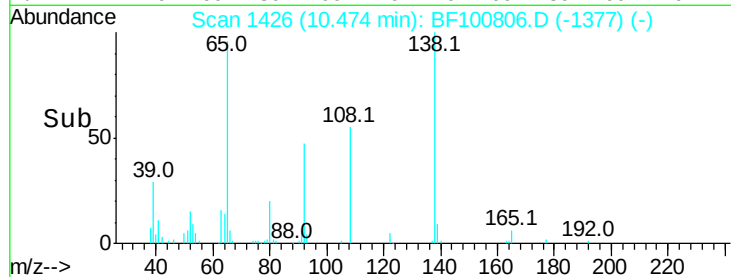
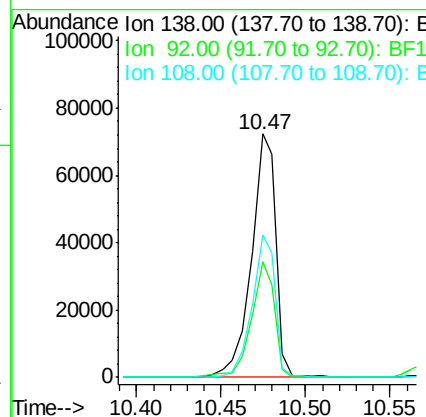
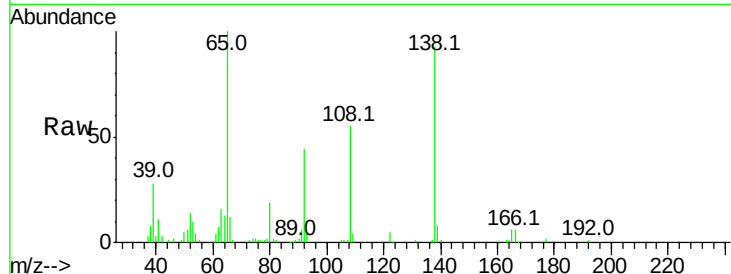
#61
4-Nitroaniline
Concen: 31.522 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.3	30.2	70.2
108	58.5	52.5	92.5

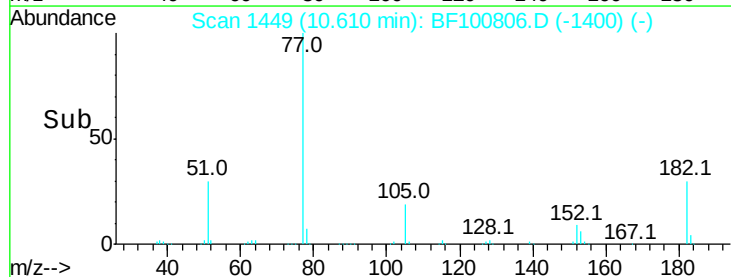
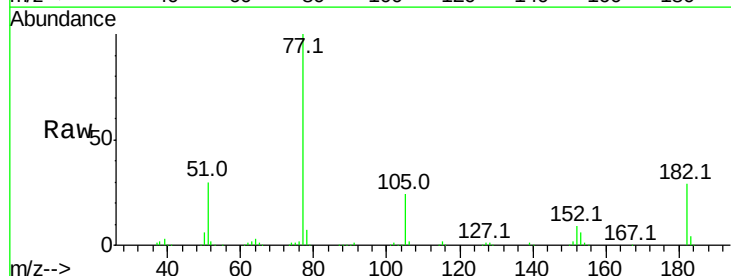
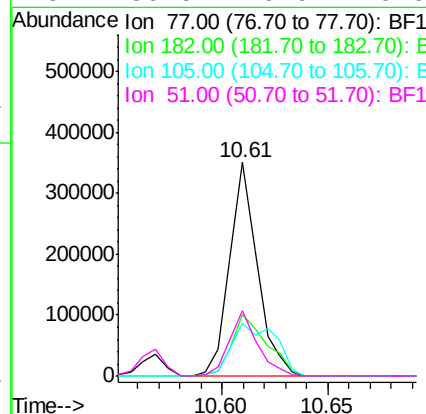
Manual Integrations
APPROVED

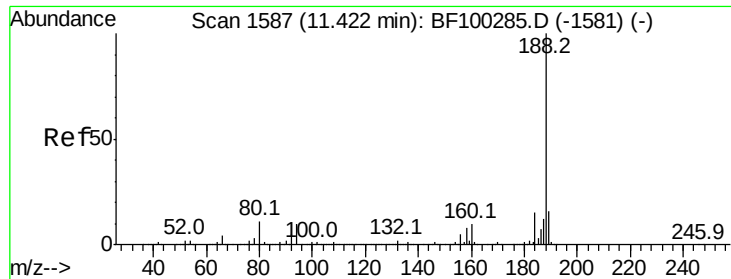
Sohil
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#62
Azobenzene
Concen: 32.449 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.0	1.7	41.7
105	24.5	3.0	43.0
51	30.5	9.9	49.9





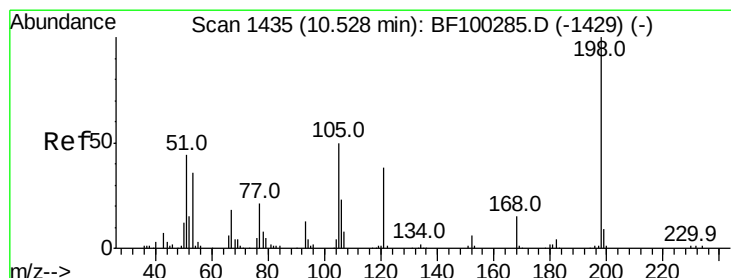
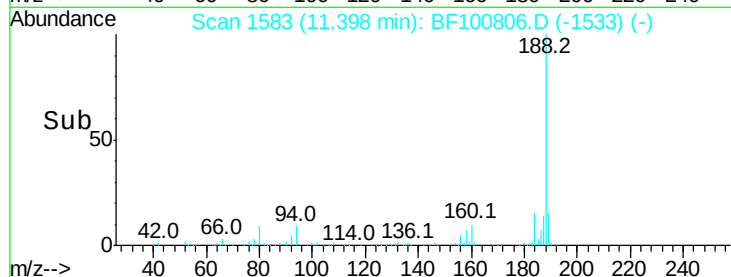
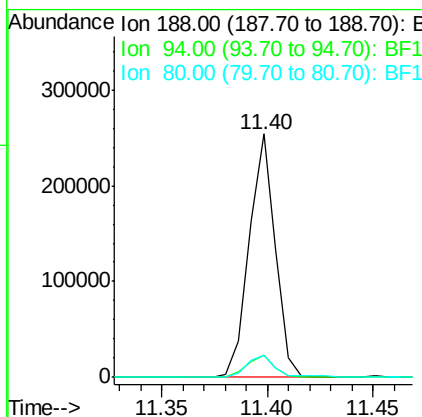
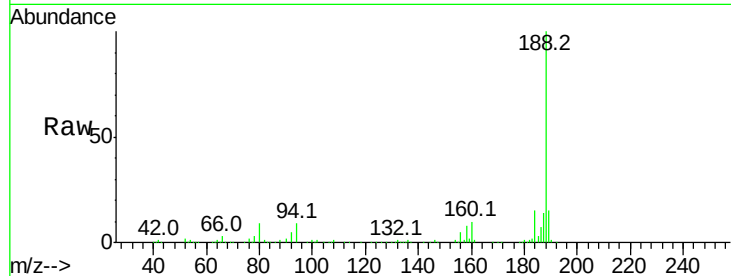
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.2	9.2	13.8

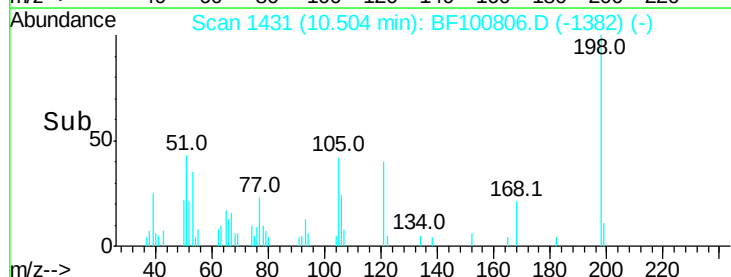
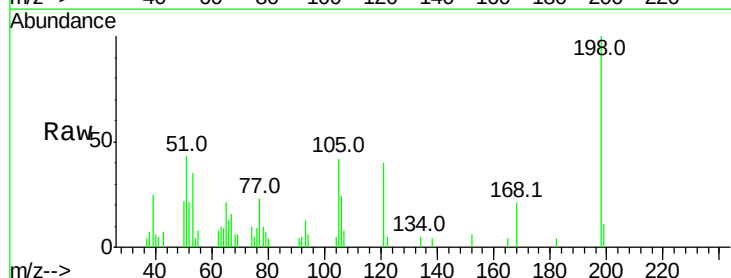
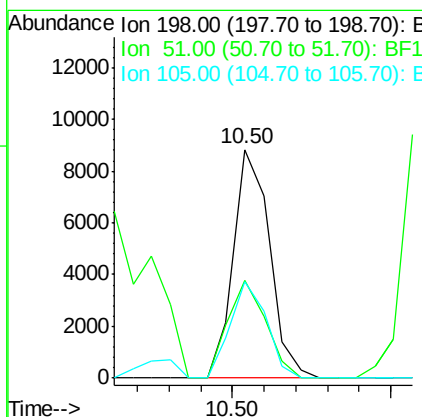
Manual Integrations
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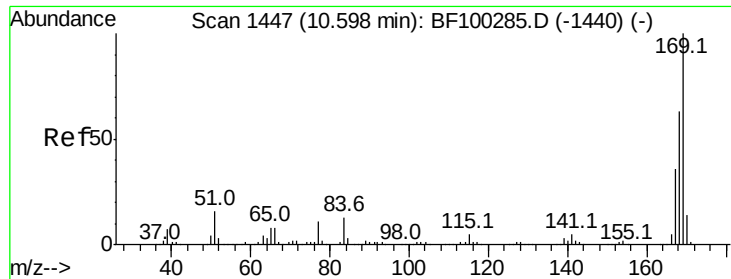
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 13.772 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	42.7	37.7	77.7
105	42.1	36.3	76.3





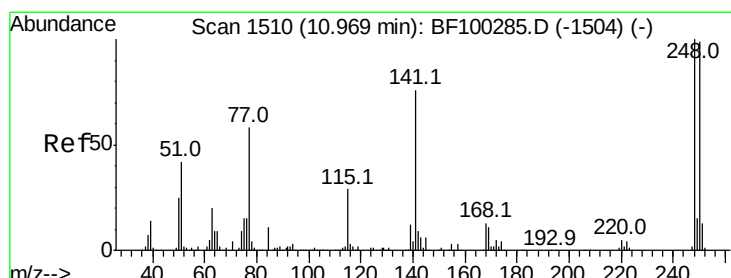
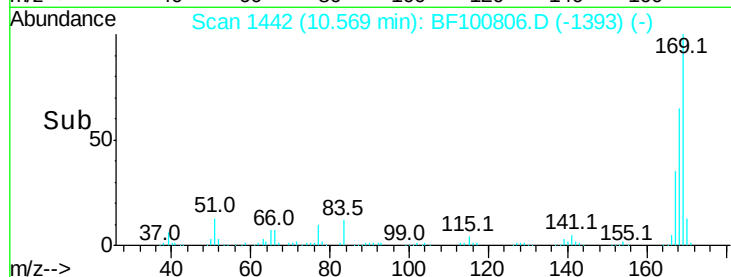
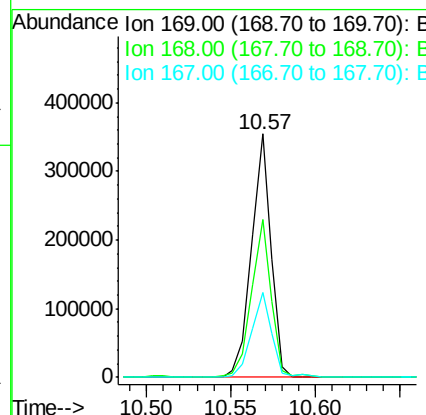
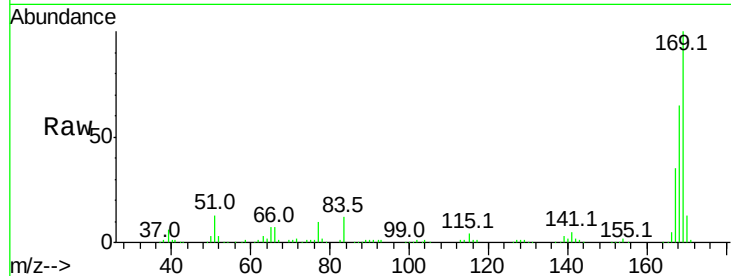
#65
 n-Nitrosodiphenylamine
 Concen: 38.197 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	289070		
168	65.1		54.4	81.6
167	35.1		29.8	44.6

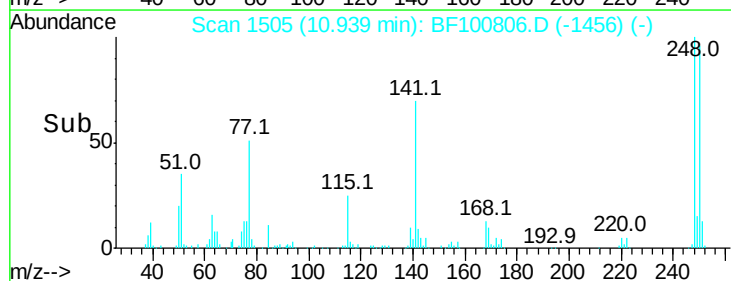
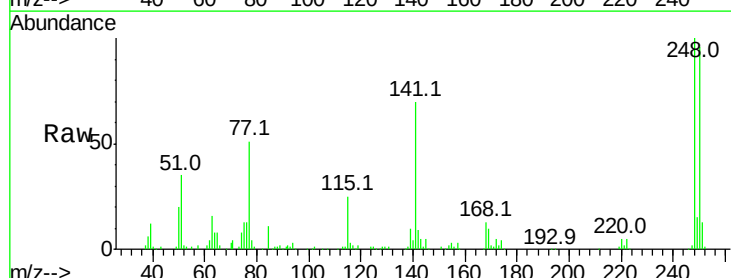
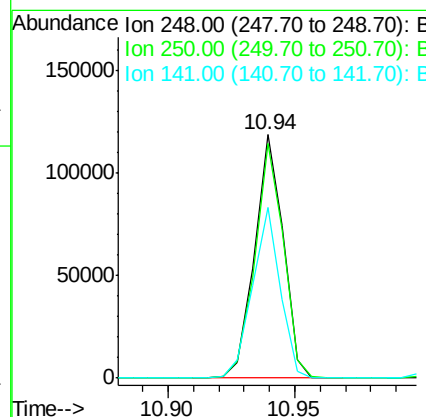
Manual Integrations
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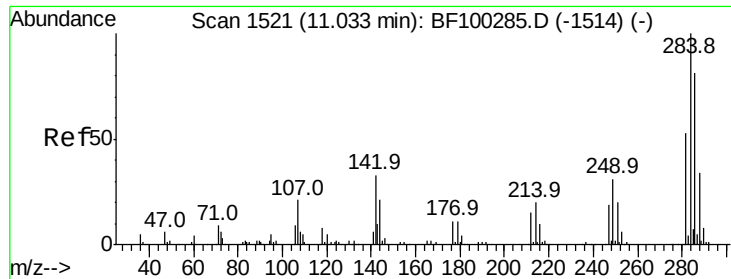
Sohil
 11/22/2017 5:04:51 PM



#66
 4-Bromophenyl-phenylether
 Concen: 40.061 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	93469		
250	96.4		76.9	115.3
141	70.0		74.4	111.6#





#67

Hexachlorobenzene

Concen: 36.340 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

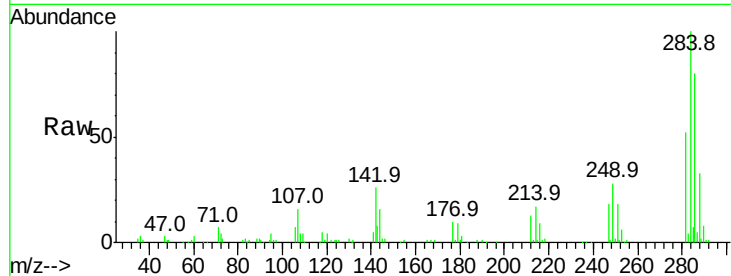
ClientSampleId :

CHAP-2-E(4-5)MSD

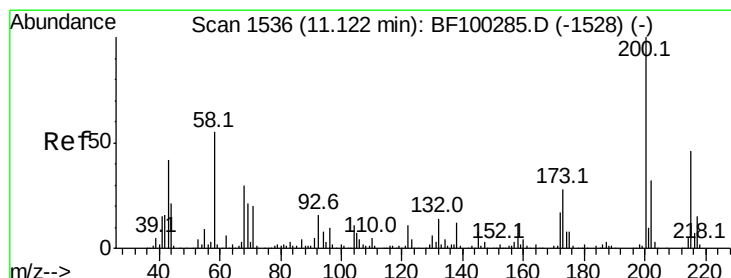
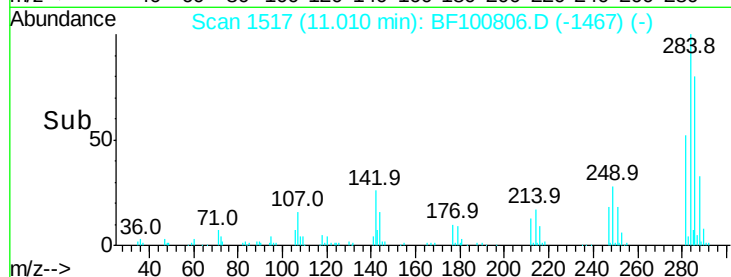
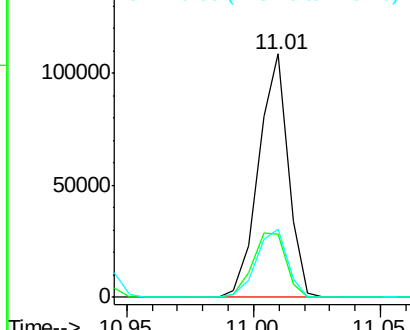
Tot Ion:	284	Resp:	88677
Ion Ratio		Lower	Upper
284	100		
142	25.9	34.6	52.0#
249	27.8	24.8	37.2

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.055 ng

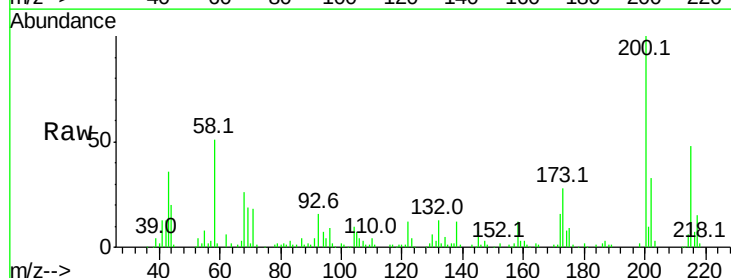
RT: 11.09 min Scan# 1531

Delta R.T. -0.01 min

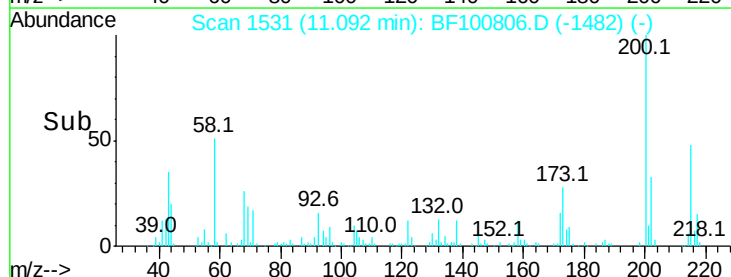
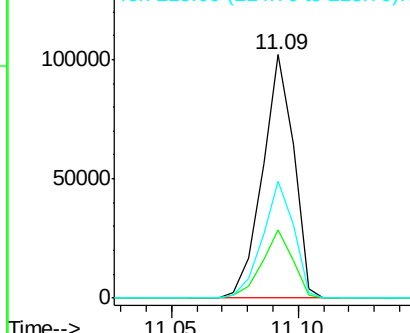
Lab File: BF100806.D

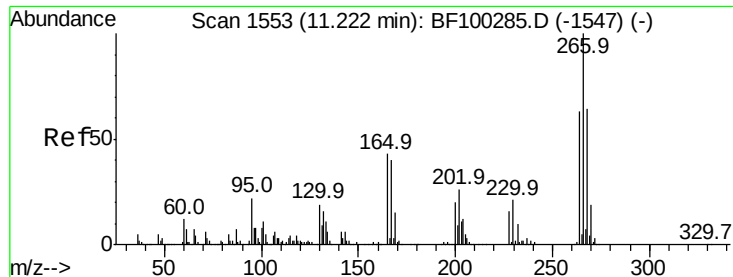
Acq: 22 Nov 2017 3:46

Tgt Ion:	200	Resp:	87178
Ion Ratio		Lower	Upper
200	100		
173	27.8	8.6	48.6
215	47.8	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





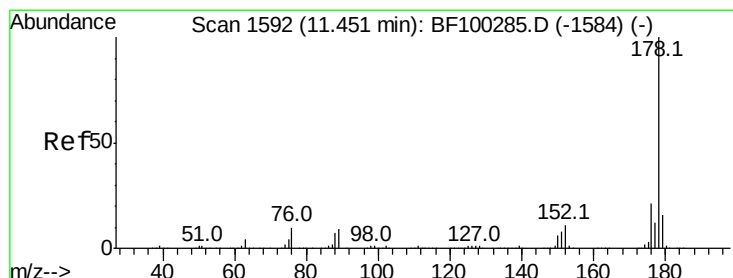
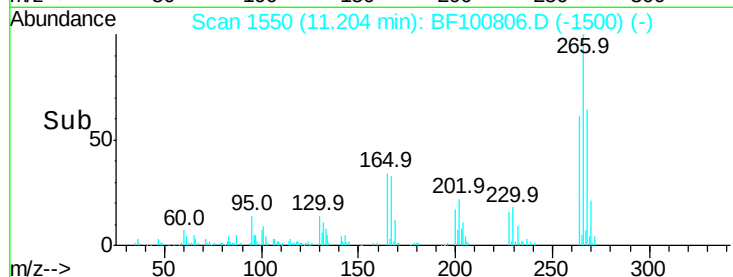
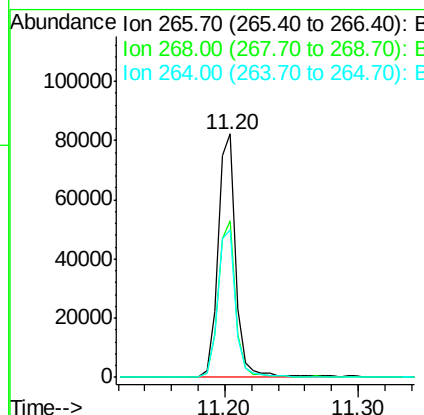
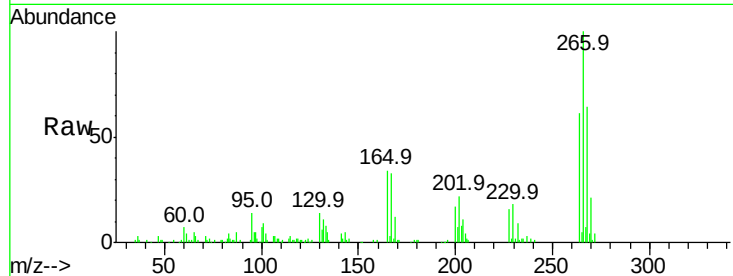
#69
 Pentachlorophenol
 Concen: 44.318 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	60.8	49.5	74.3

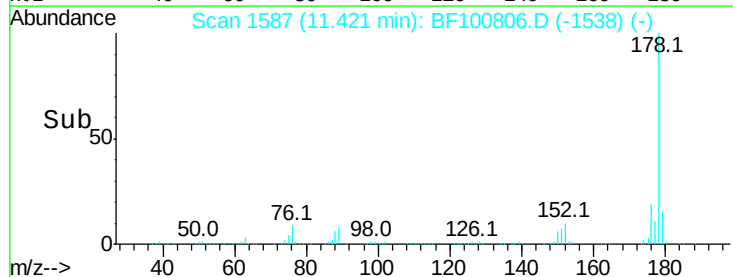
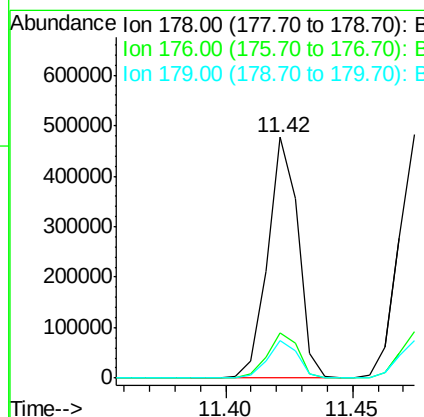
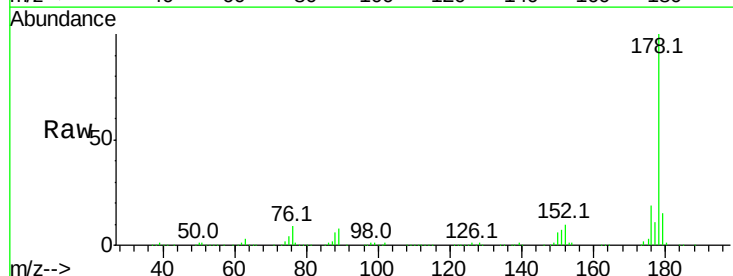
Manual Integrations
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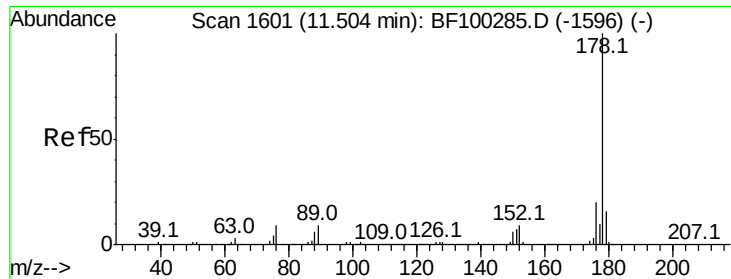
Sohil
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#70
 Phenanthrene
 Concen: 34.918 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.4	13.0	19.6





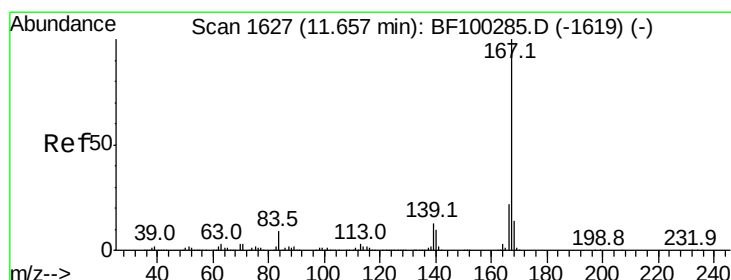
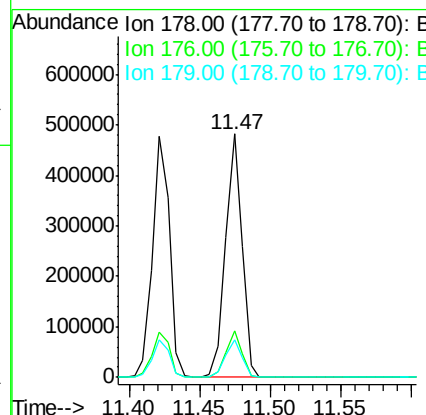
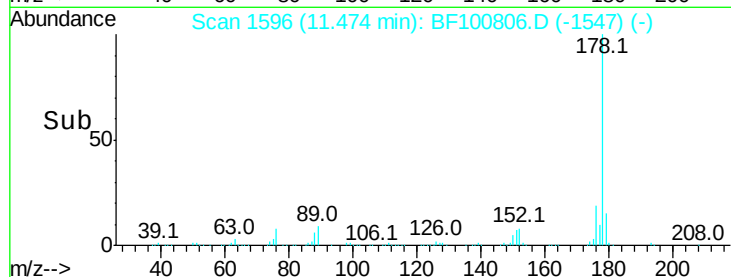
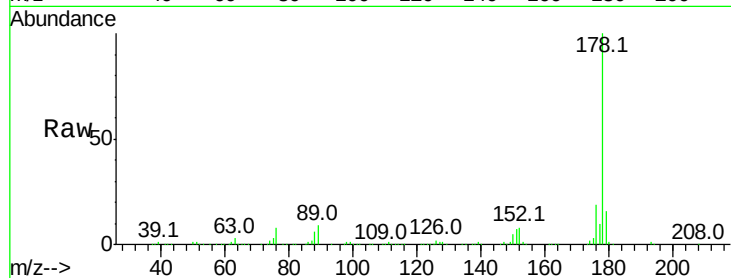
#71
 Anthracene
 Concen: 33.846 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.6	19.0

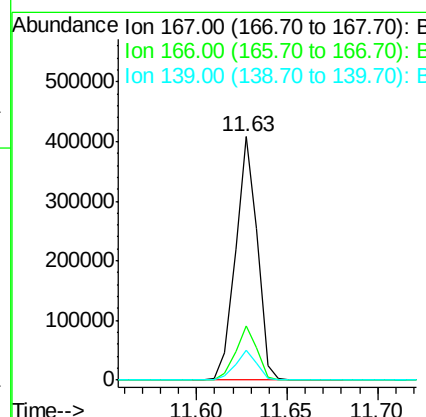
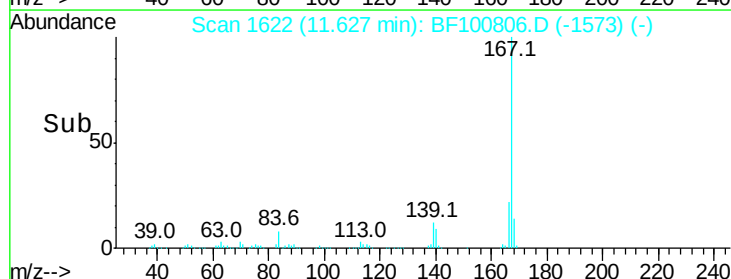
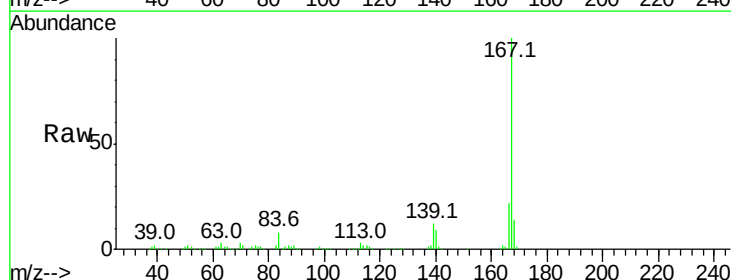
Manual Integrations
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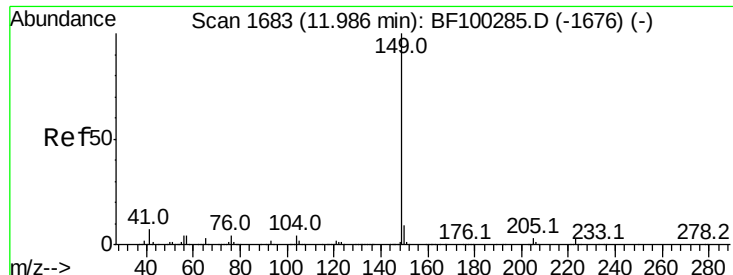
Sohil
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#72
 Carbazole
 Concen: 31.619 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	12.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.469 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

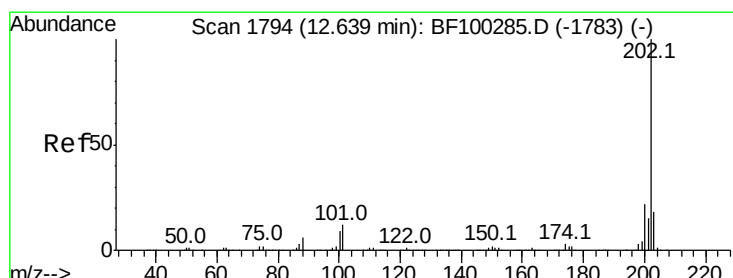
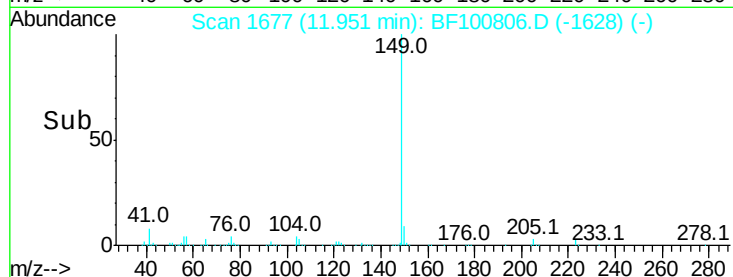
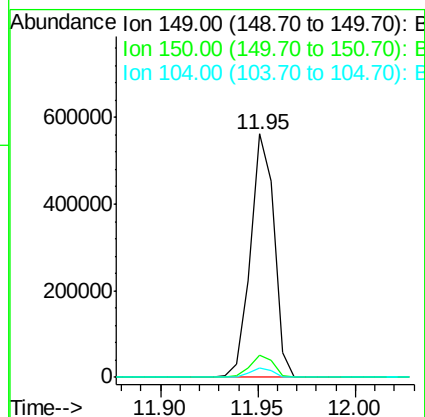
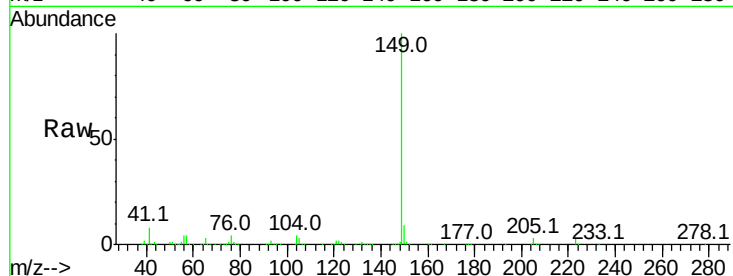
ClientSampleId :

CHAP-2-E(4-5)MSD

Tot Ion:	149	Resp:	470377
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.1	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 29.576 ng

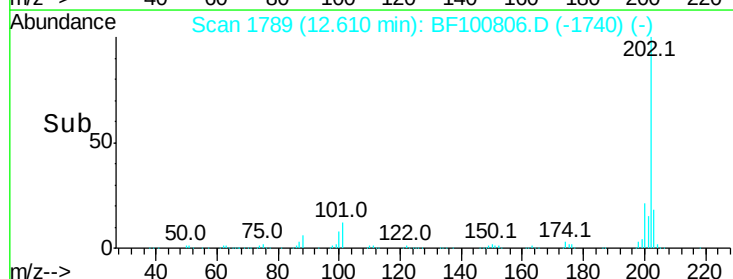
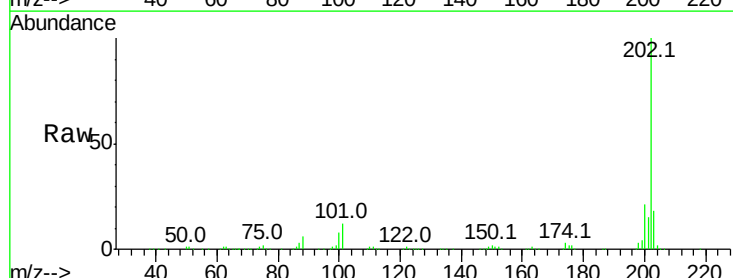
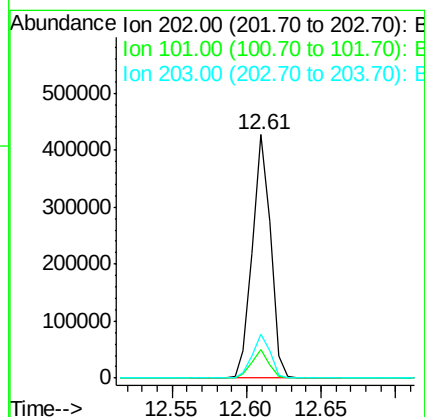
RT: 12.61 min Scan# 1789

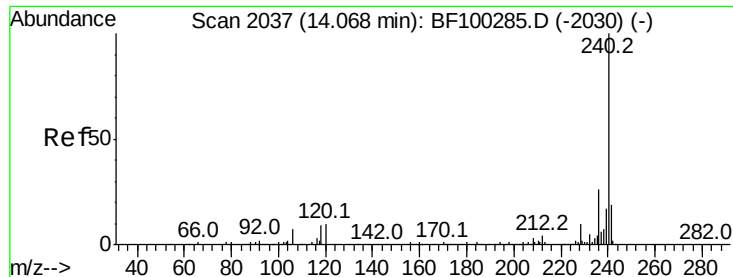
Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Tgt Ion:	202	Resp:	359204
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

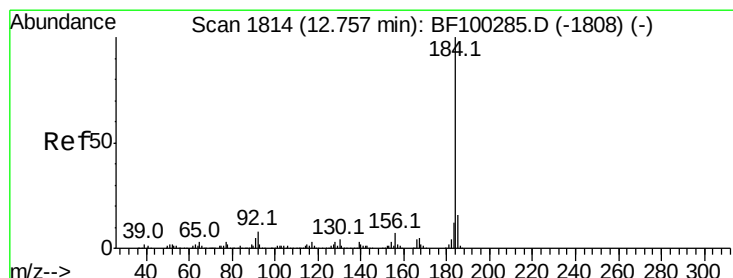
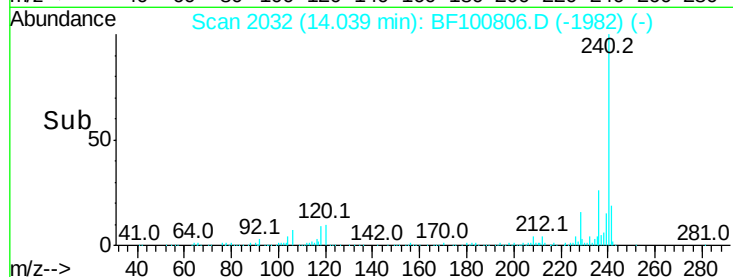
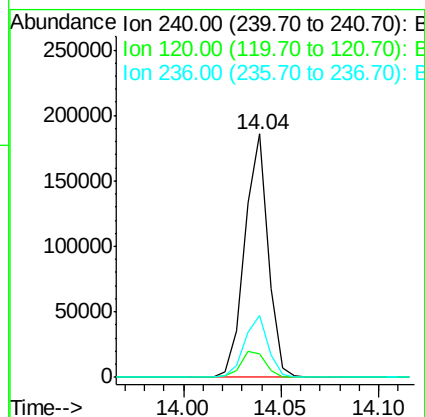
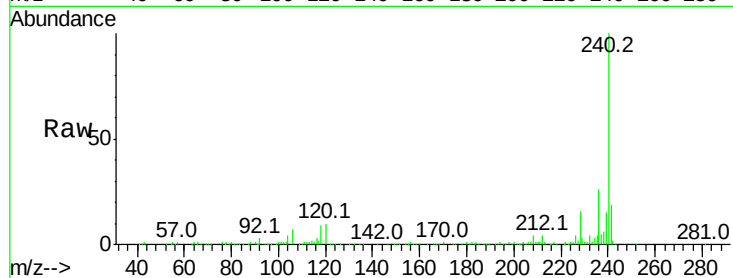
ClientSampleId :

CHAP-2-E(4-5)MSD

Tot Ion:	240	Resp:	154579
Ion Ratio	Lower	Upper	
240	100		
120	9.8	9.5	14.3
236	25.6	20.7	31.1

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#76

Benzidine

Concen: 17.099 ng

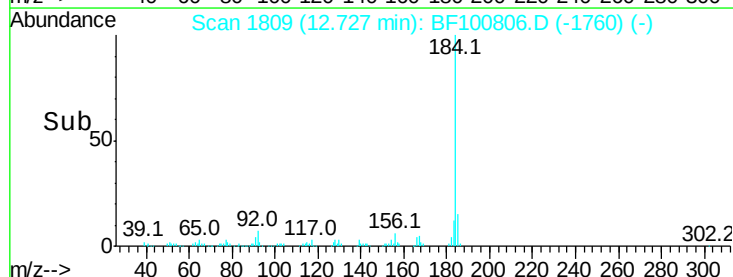
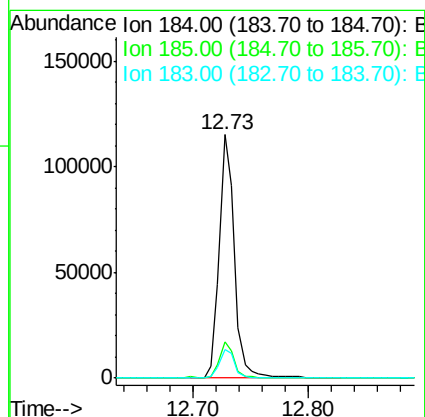
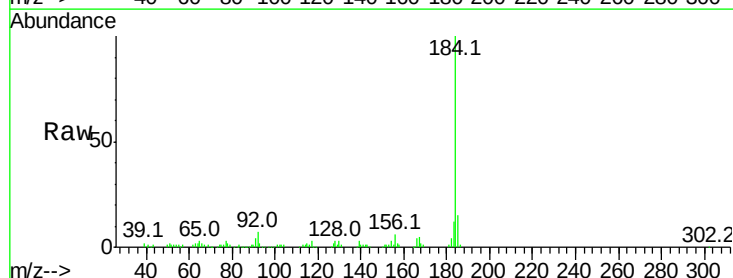
RT: 12.73 min Scan# 1809

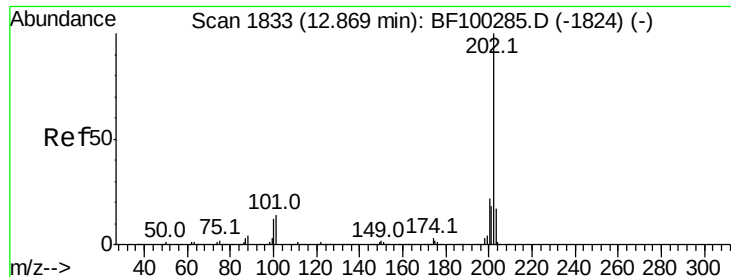
Delta R.T. -0.01 min

Lab File: BF100806.D

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Tgt Ion:	184	Resp:	105850
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	18.8
183	11.9	9.3	13.9





#77

Pvrene

Concen: 32.705 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

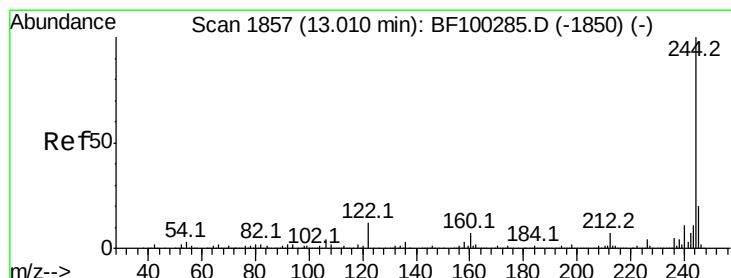
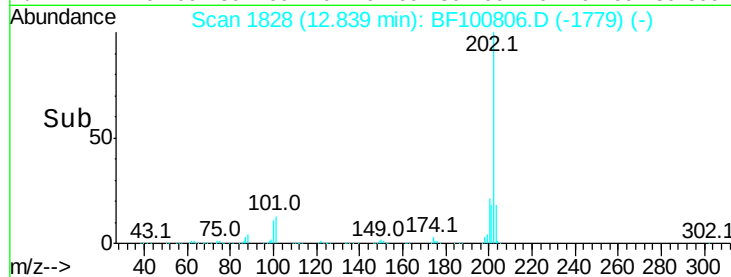
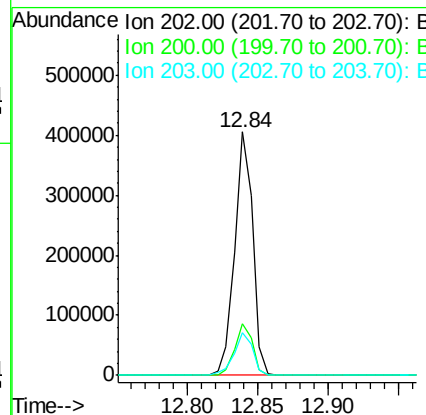
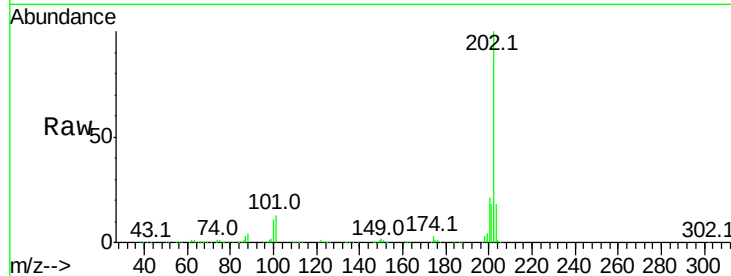
ClientSampleId :

CHAP-2-E(4-5)MSD

Tot Ion:	202	Resp:	360381
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.4	26.2
203	17.7	14.3	21.5

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#78

Terphenyl-d14

Concen: 62.409 ng

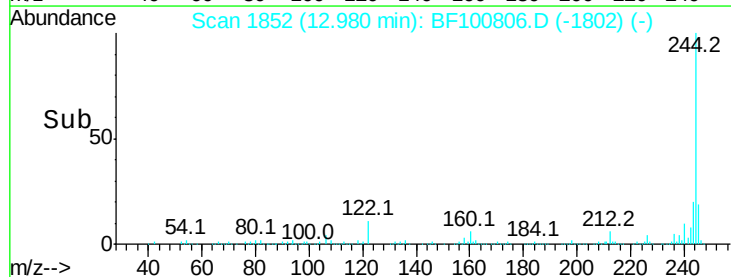
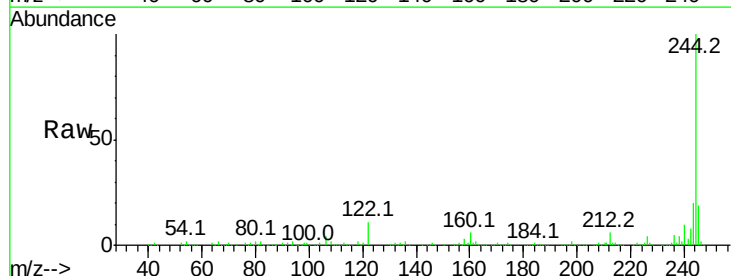
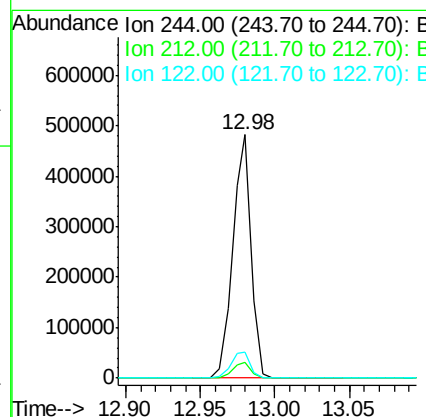
RT: 12.98 min Scan# 1852

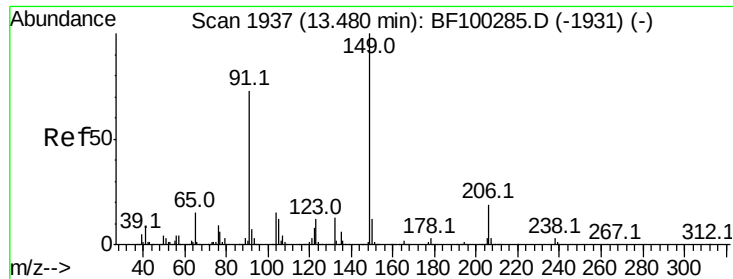
Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Tgt Ion:	244	Resp:	419858
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	10.6	11.0	16.4#





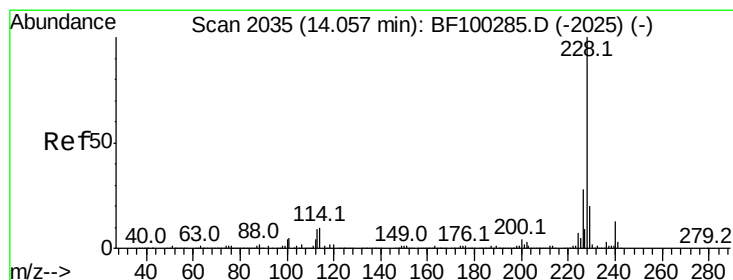
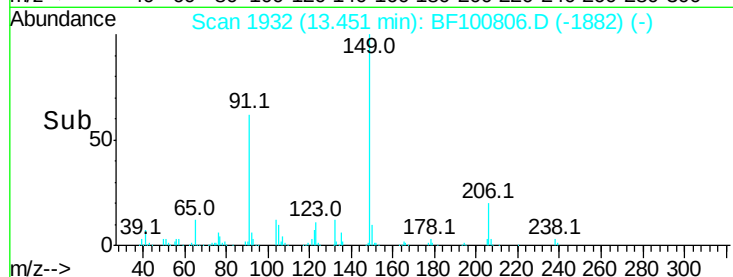
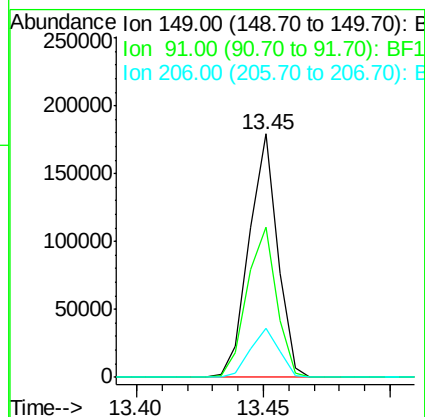
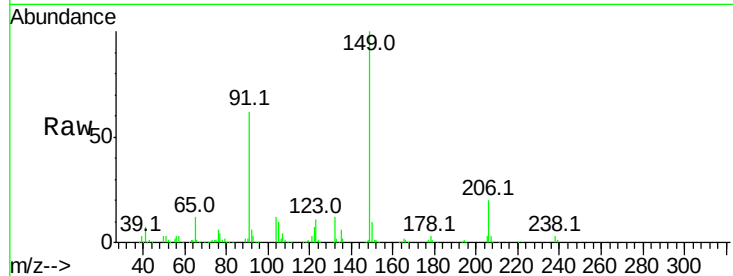
#79
Butylbenzylphthalate
Concen: 31.380 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	141014		
91	61.9	56.8	85.2	
206	20.3	14.1	21.1	

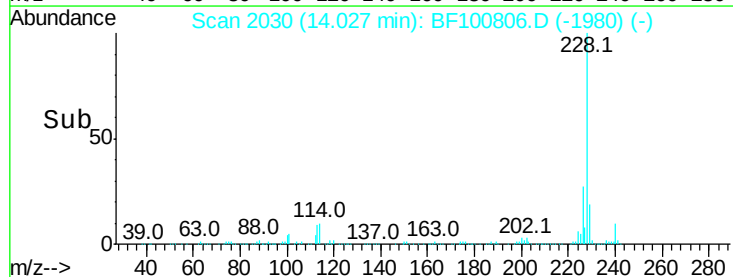
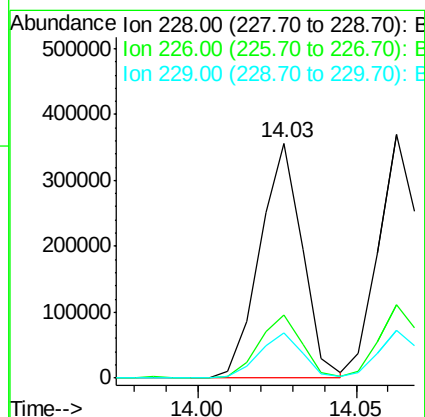
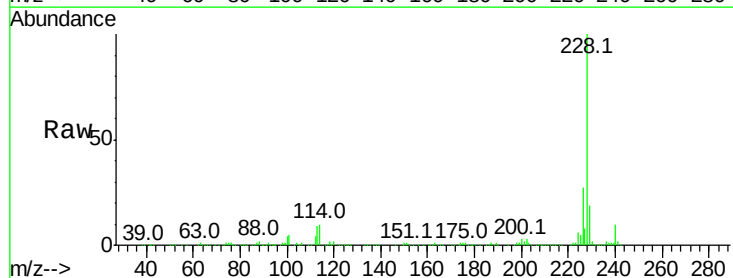
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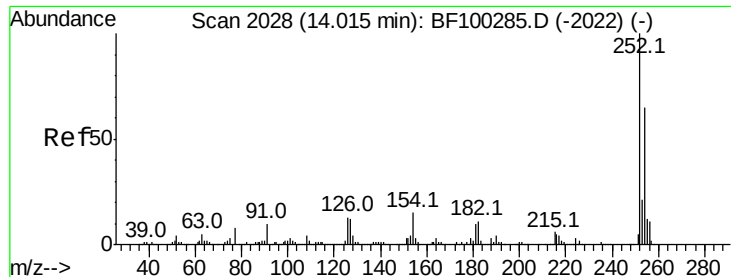
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#80
Benzo(a)anthracene
Concen: 35.579 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	331198		
226	27.0	22.6	33.8	
229	19.4	15.8	23.6	





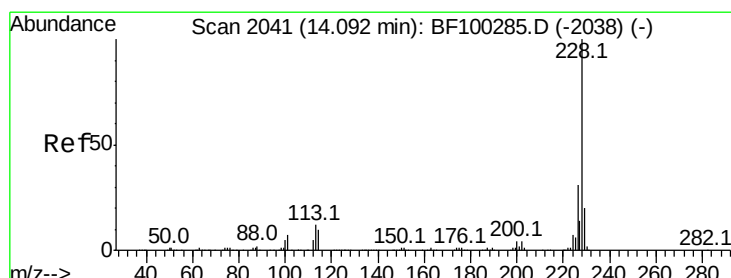
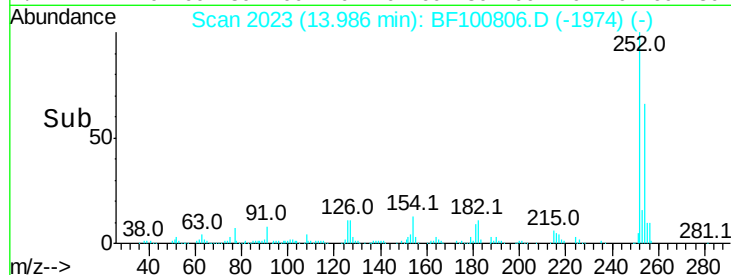
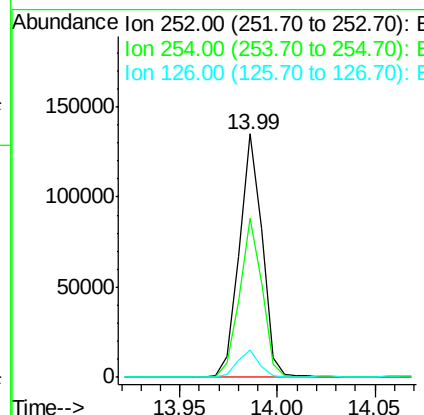
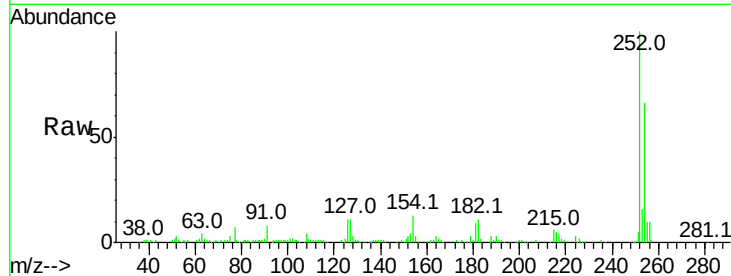
#81
 3,3'-Dichlorobenzidine
 Concen: 33.017 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.6	50.4	75.6
126	11.1	11.3	16.9

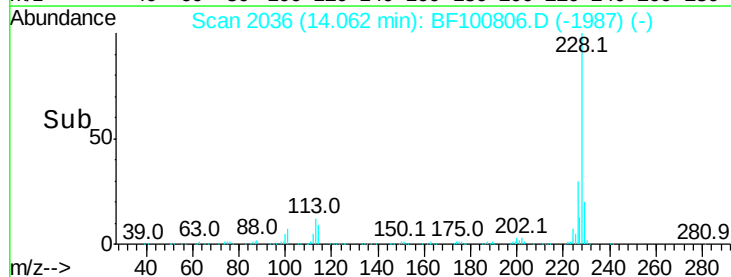
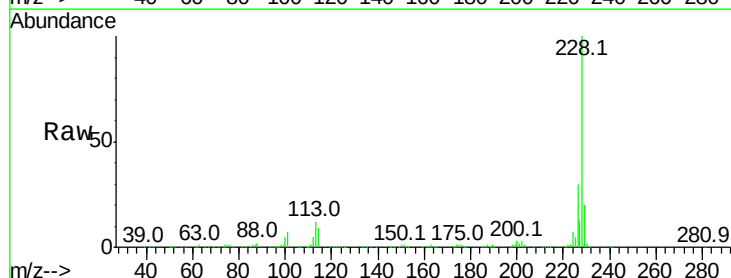
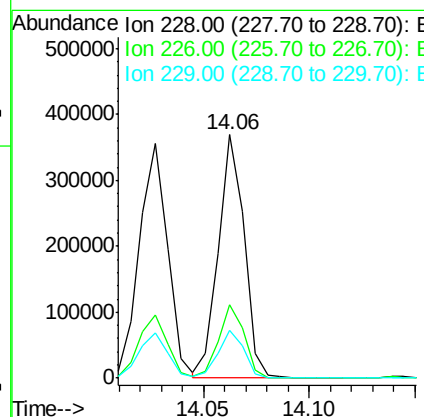
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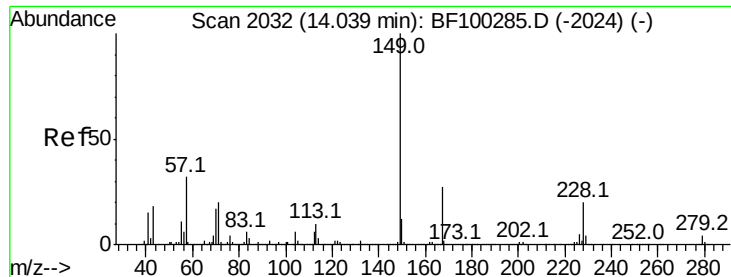
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#82
 Chrysene
 Concen: 34.960 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.9	16.2	24.4





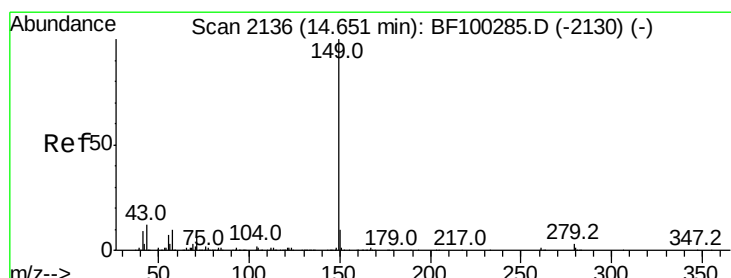
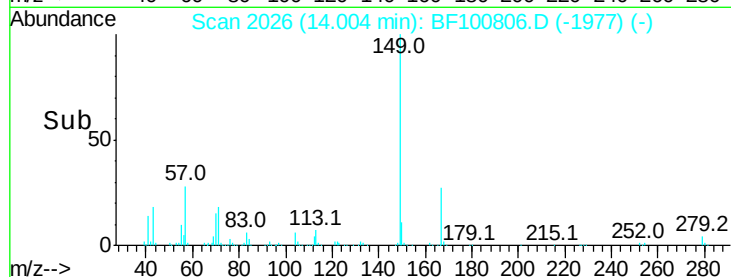
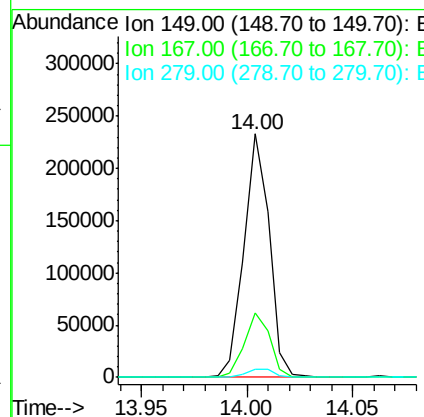
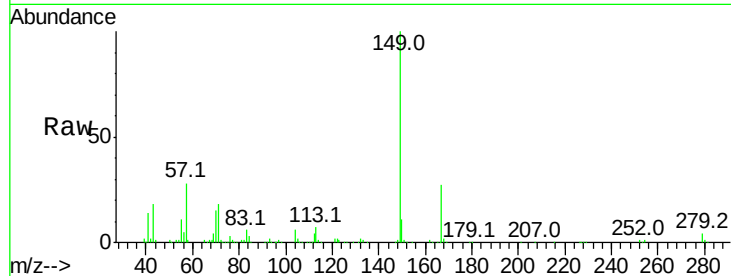
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.737 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.5	3.0	4.4

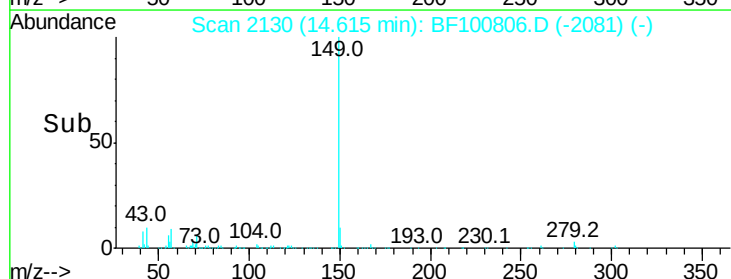
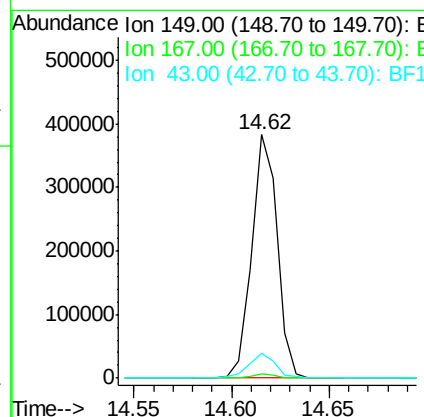
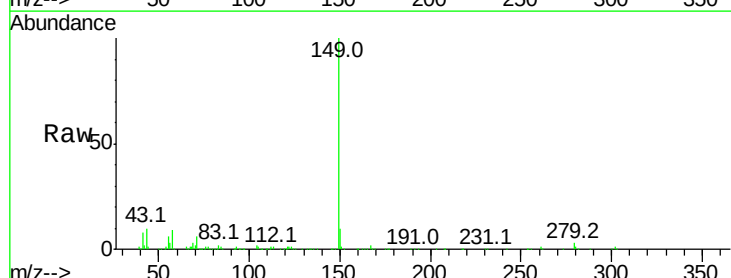
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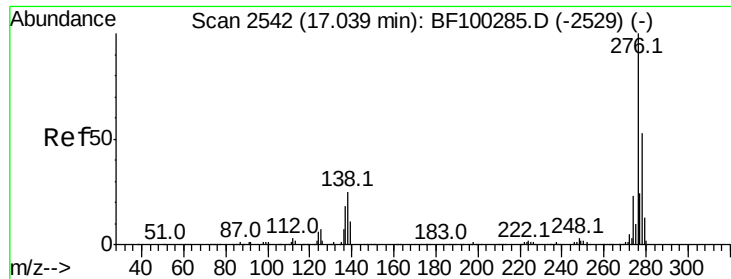
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#84
 Di-n-octyl phthalate
 Concen: 33.698 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.0	8.4	12.6





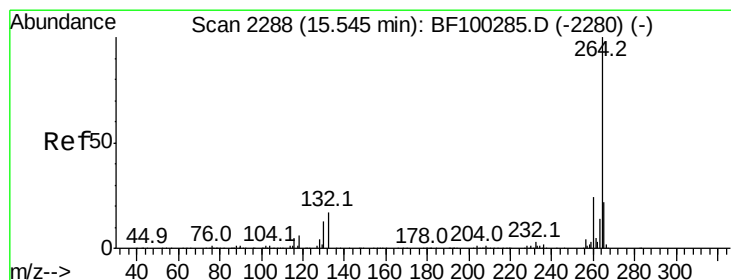
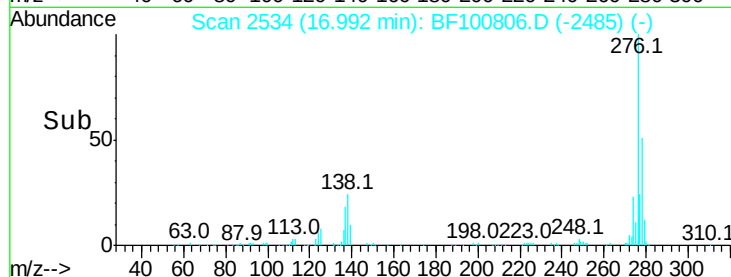
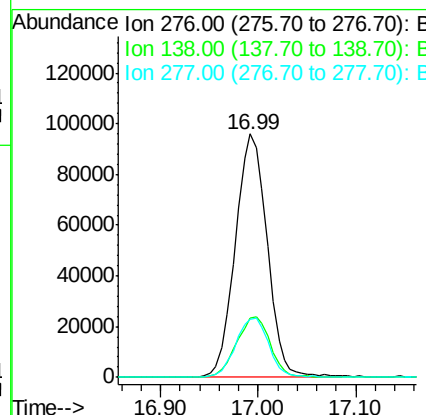
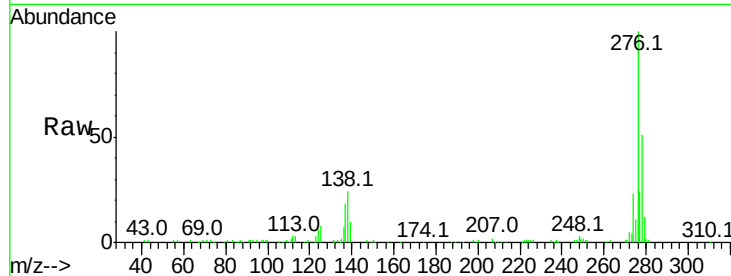
#85
Indeno(1,2,3-cd)pyrene
Concen: 29.868 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	25.0	37.6
277	25.2	20.1	30.1

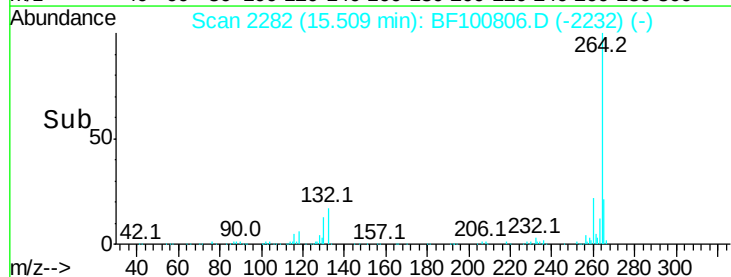
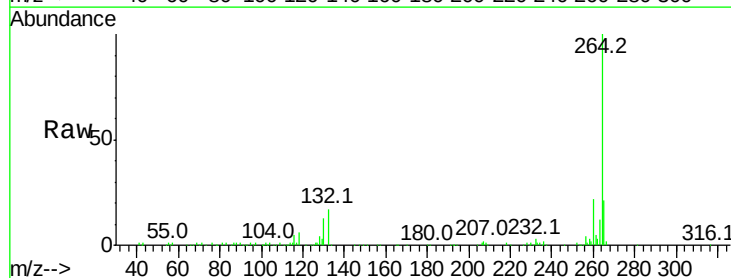
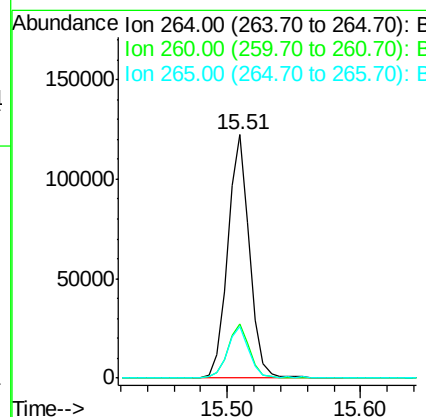
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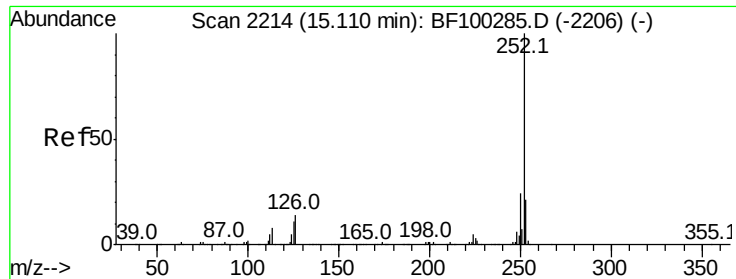
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 36.683 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Instrument :

BNA_F

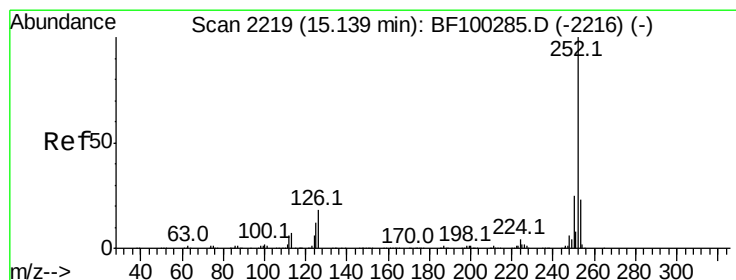
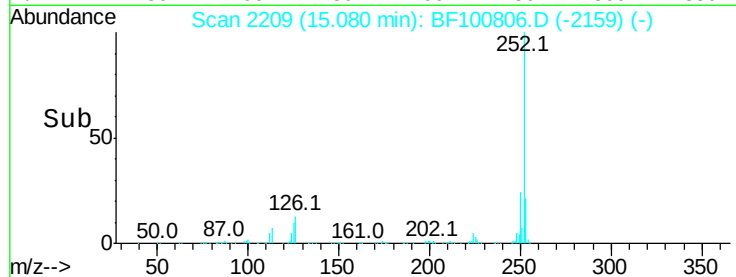
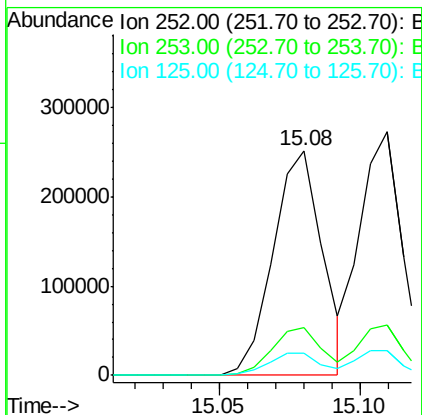
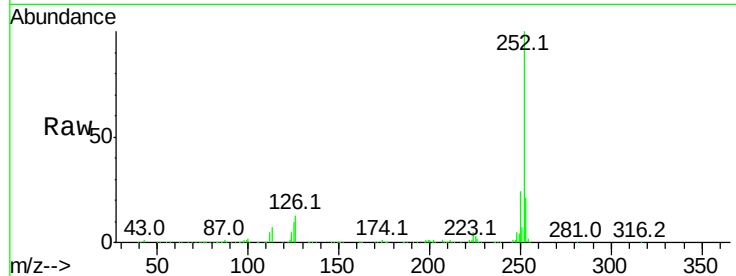
ClientSampleId :

CHAP-2-E(4-5)MSD

Tot Ion:	252	Resp:	304768
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.0	25.6
125	9.7	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 35.923 ng

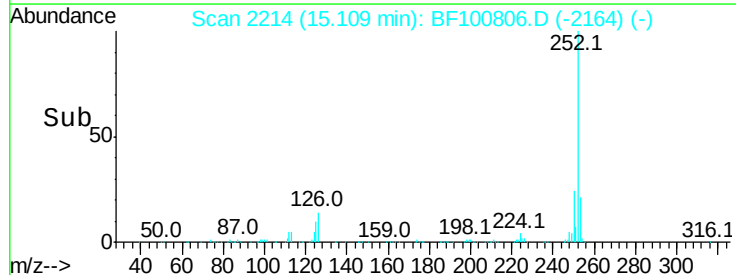
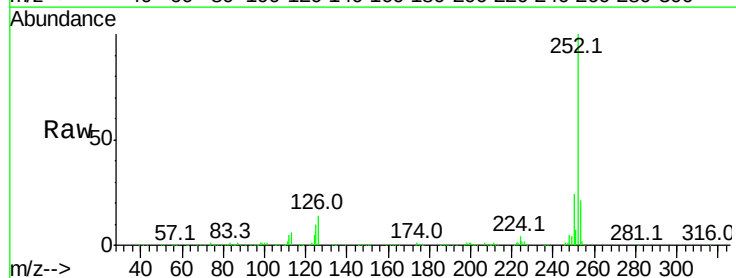
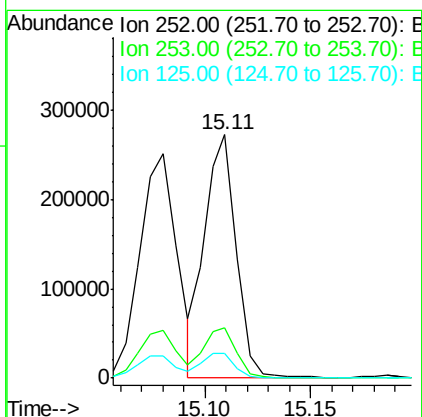
RT: 15.11 min Scan# 2214

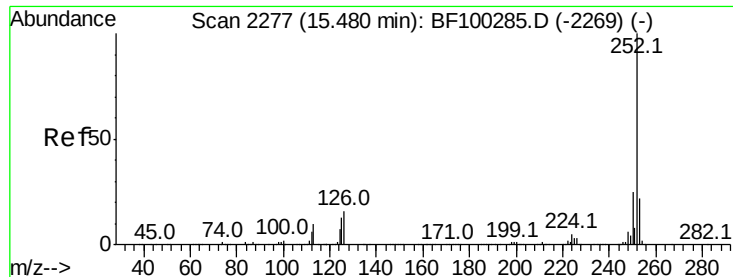
Delta R.T. -0.01 min

Lab File: BF100806.D

Acq: 22 Nov 2017 3:46

Tgt Ion:	252	Resp:	282002
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.9	26.9
125	10.0	10.2	15.2#





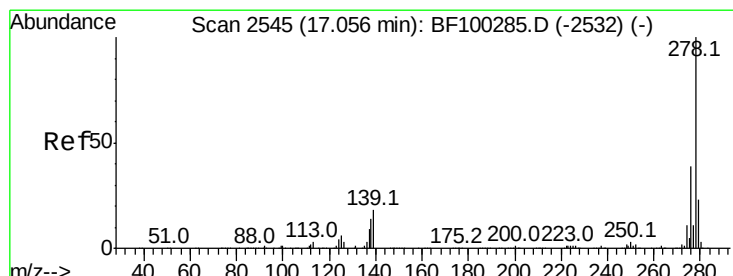
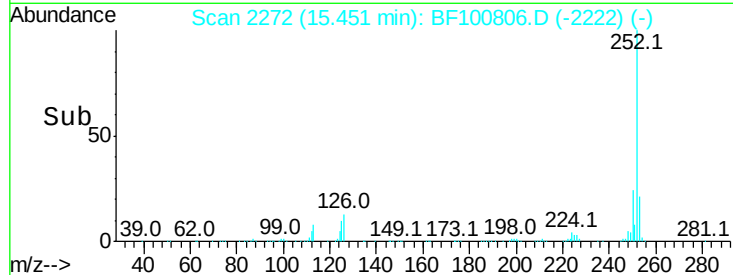
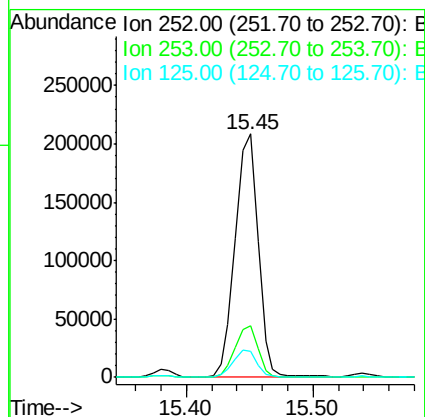
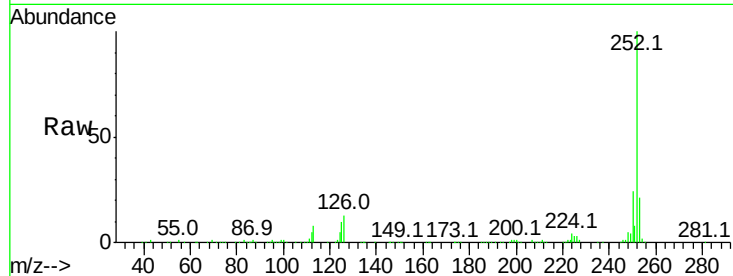
#89
Benzo(a)pyrene
Concen: 35.815 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	10.4	9.8	14.6

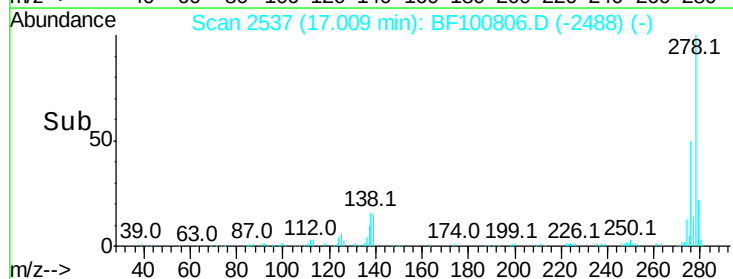
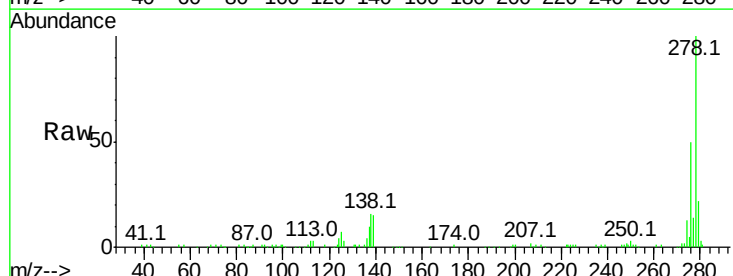
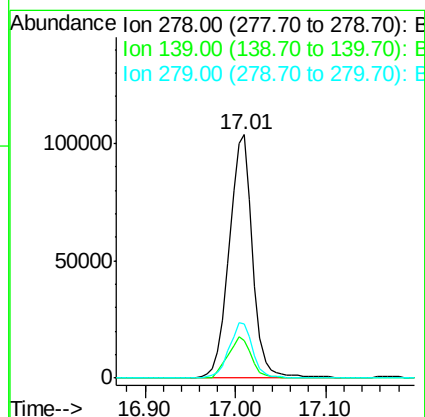
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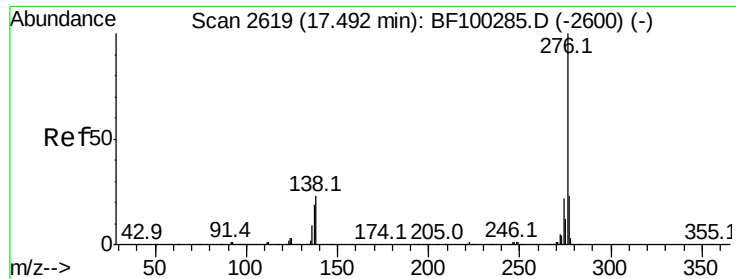
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#90
Dibenzo(a,h)anthracene
Concen: 30.998 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF100806.D
Acq: 22 Nov 2017 3:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	15.9	23.9#
279	22.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 29.171 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF100806.D
 Acq: 22 Nov 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(4-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.0	17.9	26.9
138	21.6	21.8	32.8#

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