

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088646.D
 Acq On : 3 Jul 2016 13:37
 Operator : UM/SJ
 Sample : PB91593BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Manual Integrations

umangi
 7/5/2016 7:52:02 PM

Quant Time: Jul 04 05:44:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114729	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	448727	20.00	ng	-0.03
38) Acenaphthene-d10	9.83	164	215536	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	430371	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	300030	20.00	ng	-0.02
86) Perylene-d12	15.31	264	249374	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	764189	99.83	ng	-0.01
7) Phenol-d6	6.42	99	897874	90.77	ng	-0.02
23) Nitrobenzene-d5	7.35	82	622649	72.72	ng	-0.03
41) 2,4,6-Tribromophenol	10.62	330	233215	116.52	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1125162	82.46	ng	-0.02
78) Terphenyl-d14	12.88	244	895406	66.47	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	93084	24.53	ng	# 31
3) Pyridine	3.08	79	270436	24.56	ng	95
4) n-Nitrosodimethylamine	3.04	42	119625	28.43	ng	87
6) Aniline	6.44	93	201300	13.96	ng	# 83
8) 2-Chlorophenol	6.57	128	282650	34.35	ng	95
10) Phenol	6.43	94	284990	25.24	ng	72
11) bis(2-Chloroethyl)ether	6.52	93	285773	33.95	ng	89
12) 1,3-Dichlorobenzene	6.73	146	272110m	30.05	ng	
13) 1,4-Dichlorobenzene	6.80	146	273842	30.47	ng	95
14) 1,2-Dichlorobenzene	6.96	146	280182	33.31	ng	96
15) Benzyl Alcohol	6.94	79	254273	34.93	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	360541	29.57	ng	91
17) 2-Methylphenol	7.05	107	259093	38.60	ng	100
18) Hexachloroethane	7.30	117	114625	32.98	ng	94
19) n-Nitroso-di-n-propylamine	7.21	70	211489	31.83	ng	# 83
20) 3+4-Methylphenols	7.20	107	271932	33.76	ng	# 75
22) Acetophenone	7.20	105	387537	35.58	ng	# 88
24) Nitrobenzene	7.37	77	345807	40.05	ng	88
25) Isophorone	7.61	82	560384	35.33	ng	97
26) 2-Nitrophenol	7.69	139	149835	42.32	ng	# 81
27) 2,4-Dimethylphenol	7.74	122	276204	37.46	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	379081	36.73	ng	# 96
29) 2,4-Dichlorophenol	7.93	162	237351	39.83	ng	99
30) 1,2,4-Trichlorobenzene	8.01	180	227348	34.76	ng	99
31) Naphthalene	8.09	128	770874	34.85	ng	100
32) Benzoic acid	7.85	122	166474	31.10	ng	93
33) 4-Chloroaniline	8.14	127	108958	11.07	ng	96
34) Hexachlorobutadiene	8.22	225	126010	35.99	ng	99
35) Caprolactam	8.50	113	81534m	40.28	ng	
36) 4-Chloro-3-methylphenol	8.63	107	249446	35.40	ng	93
37) 2-Methylnaphthalene	8.79	142	556501	39.07	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	199489	27.83	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	207912	59.09	ng	99
42) 2,4,6-Trichlorophenol	9.06	196	162275	34.33	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.11	196	166347	40.90	nq	# 87
45) 1,1'-Biphenyl	9.24	154	601033	33.68	nq	98
46) 2-Chloronaphthalene	9.27	162	462847	33.03	nq	97
47) 2-Nitroaniline	9.36	65	158448	31.87	nq	93
48) Acenaphthylene	9.68	152	769324	34.51	nq	100
49) Dimethylphthalate	9.55	163	613051	39.92	nq	100
50) 2,6-Dinitrotoluene	9.61	165	145908	42.87	nq	# 72
51) Acenaphthene	9.85	154	543023	39.74	nq	99
52) 3-Nitroaniline	9.77	138	72763	16.82	nq	96
53) 2,4-Dinitrophenol	9.88	184	153633	102.24	nq	# 80
54) Dibenzofuran	10.03	168	696145	38.92	nq	99
55) 4-Nitrophenol	9.94	139	221276	67.30	nq	95
56) 2,4-Dinitrotoluene	10.01	165	178474	40.11	nq	# 60
57) Fluorene	10.36	166	471594	34.21	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	139552	44.35	nq	# 53
59) Diethylphthalate	10.25	149	576629	37.42	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	239908	37.46	nq	97
61) 4-Nitroaniline	10.39	138	142443	34.21	nq	90
62) Azobenzene	10.52	77	693824	39.47	nq	96
64) 4,6-Dinitro-2-methylphenol	10.41	198	84907	36.89	nq	# 76
65) n-Nitrosodiphenylamine	10.48	169	448475	30.79	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	147239	33.95	nq	# 88
67) Hexachlorobenzene	10.91	284	157304	32.77	nq	96
68) Atrazine	11.00	200	134276	29.58	nq	91
69) Pentachlorophenol	11.11	266	194434	68.43	nq	97
70) Phenanthrene	11.32	178	819184	34.82	nq	99
71) Anthracene	11.37	178	763448	32.64	nq	99
72) Carbazole	11.53	167	797332	36.21	nq	100
73) Di-n-butylphthalate	11.87	149	966146	37.73	nq	99
74) Fluoranthene	12.50	202	750465	31.47	nq	97
76) Benzidine	12.63	184	179129	11.81	nq	98
77) Pyrene	12.73	202	805411	31.66	nq	99
79) Butylbenzylphthalate	13.36	149	394162	34.74	nq	# 81
80) Benzo(a)anthracene	13.92	228	675025	34.94	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	124470	17.14	nq	99
82) Chrysene	13.95	228	681818	35.67	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	470373	36.31	nq	98
84) Di-n-octyl phthalate	14.53	149	886580	40.28	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.65	276	531516	36.14	nq	# 100
87) Benzo(b)fluoranthene	14.93	252	595192	38.05	nq	# 97
88) Benzo(k)fluoranthene	14.96	252	587388m	43.13	nq	
89) Benzo(a)pyrene	15.26	252	538976	40.69	nq	100
90) Dibenzo(a,h)anthracene	16.66	278	447661	40.48	nq	98
91) Benzo(q,h,i)perylene	17.05	276	447701	39.12	nq	100

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



#1

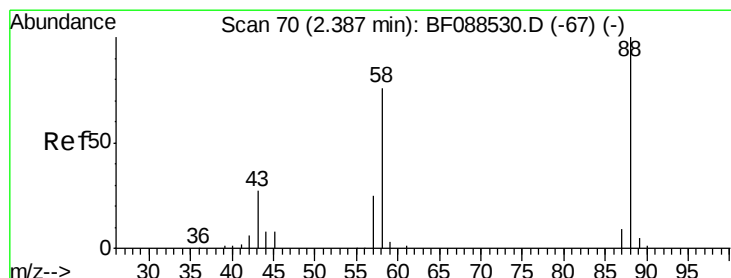
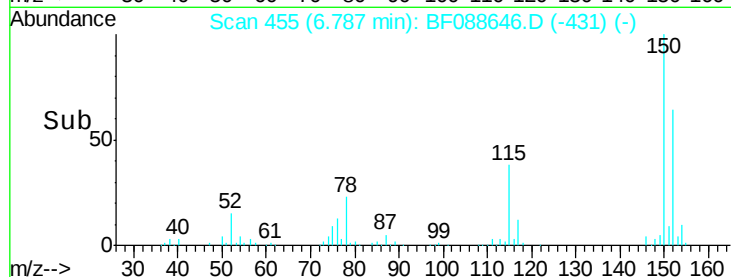
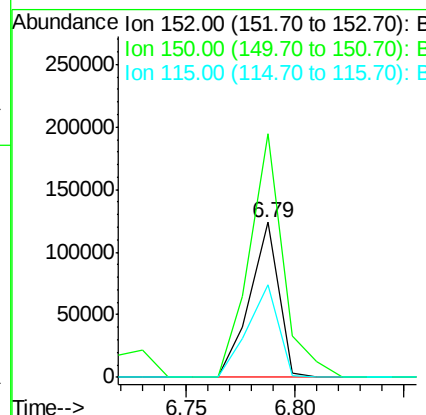
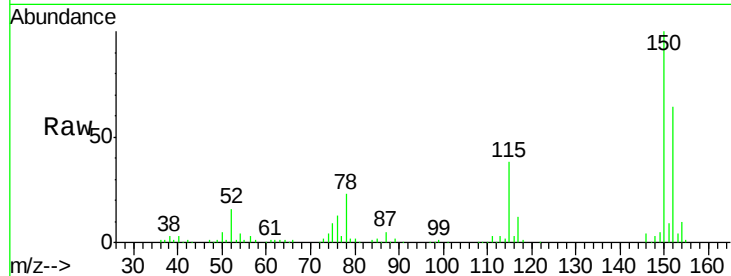
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampled :
PB91593BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.8	185.6
115	59.4	39.6	59.4

Manual Integrations

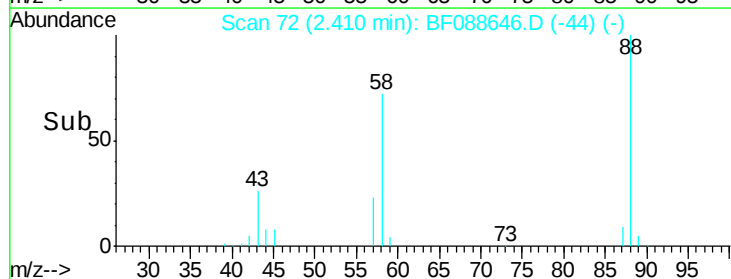
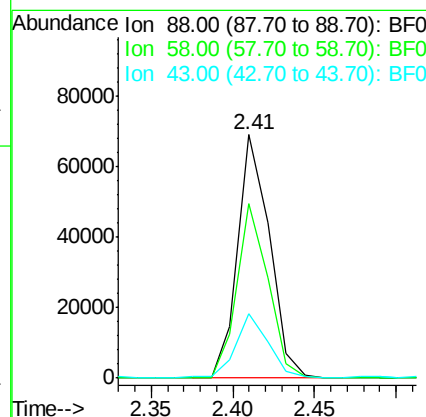
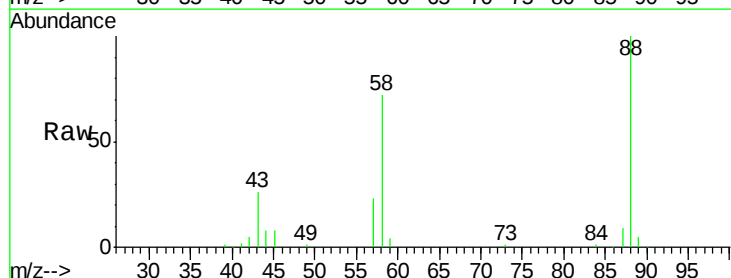
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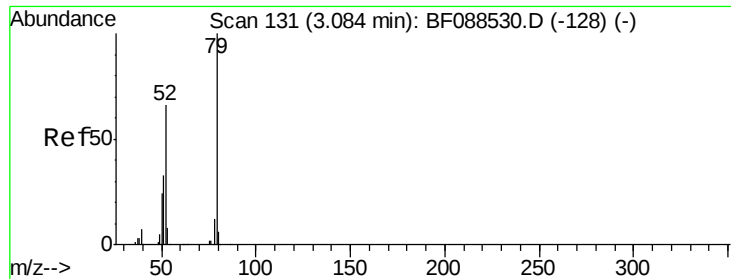


#2

1,4-Dioxane
Concen: 24.53 ng
RT: 2.41 min Scan# 72
Delta R.T. 0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.1	0.0	0.0
43	27.2	3.4	5.2





#3

Pvridine

Concen: 24.56 ng

RT: 3.08 min Scan# 131

Delta R.T. -0.00 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

Instrument :

BNA_F

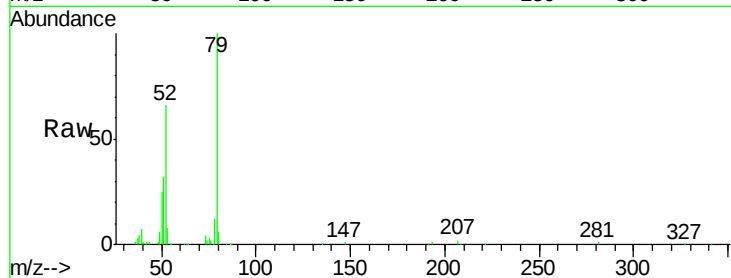
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PB91593BS

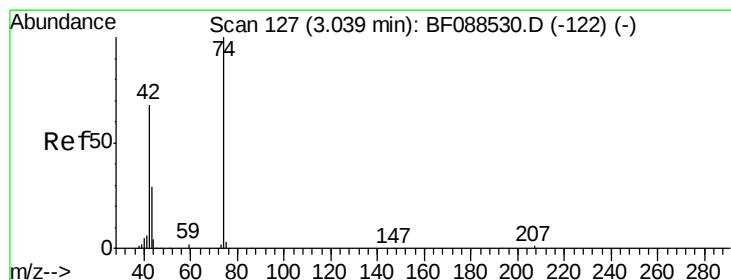
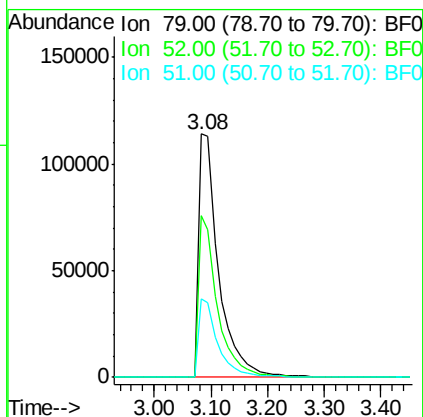
Manual Integrations

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Tot Ion	79	Resp	270436
Ion	Ratio	Lower	Upper
79	100		
52	66.2	56.3	84.5
51	32.3	27.4	41.2



#4

n-Nitrosodimethylamine

Concen: 28.43 ng

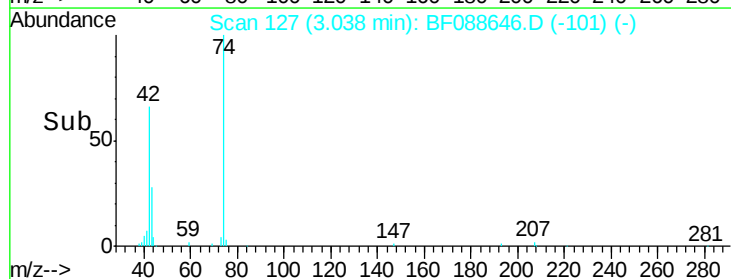
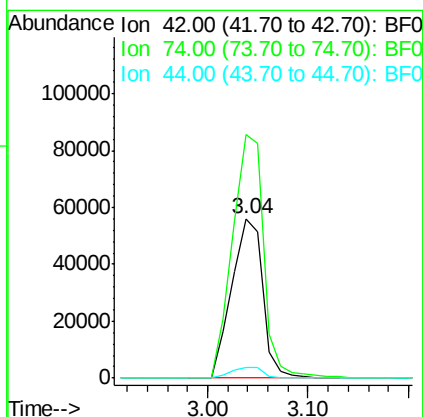
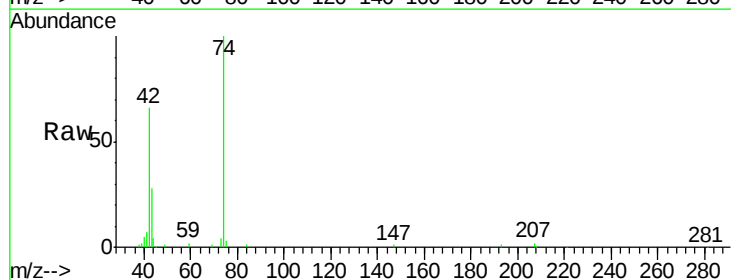
RT: 3.04 min Scan# 127

Delta R.T. -0.00 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

Tgt Ion	42	Resp	119625
Ion	Ratio	Lower	Upper
42	100		
74	152.7	108.6	163.0
44	6.8	5.5	8.3





#5

2-Fluorophenol

Concen: 99.83 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

Instrument :

BNA_F

ClientSampled :

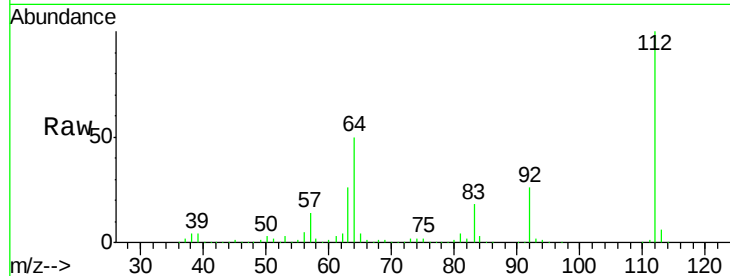
PB91593BS

Tot Ion:	112	Resp:	764189
Ion Ratio	Lower	Upper	
112	100		
64	49.7	42.2	63.2
63	25.8	21.8	32.8

Manual Integrations

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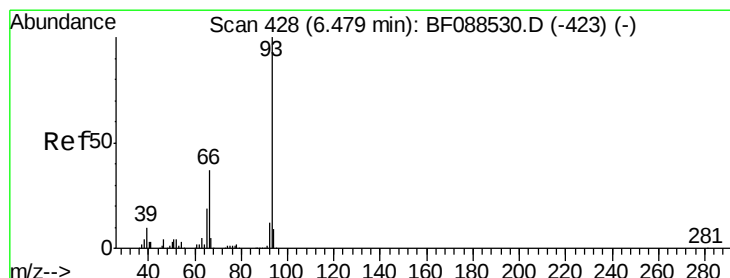
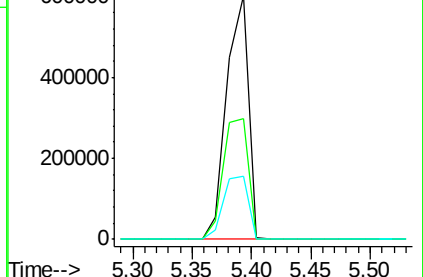
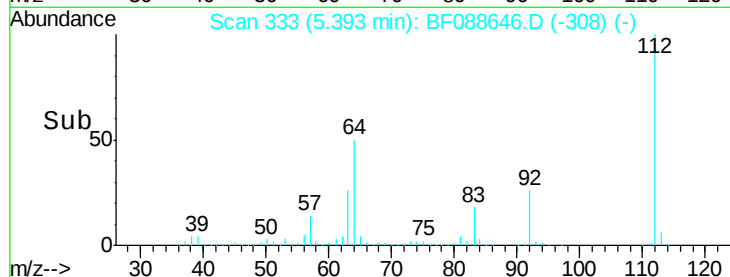
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.96 ng

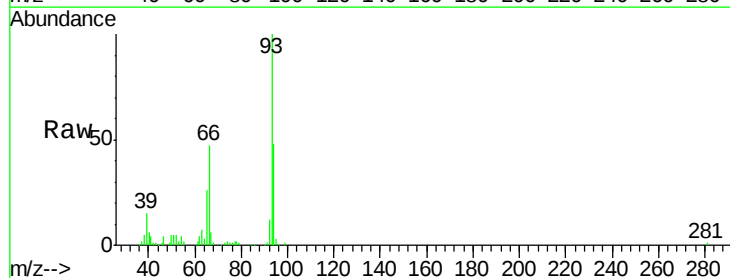
RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

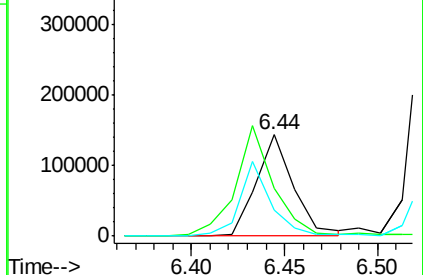
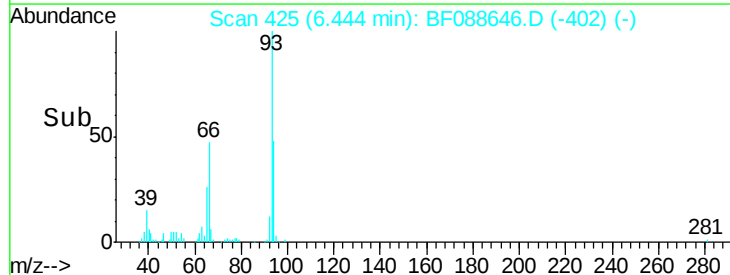
Tgt Ion:	93	Resp:	201300
Ion Ratio	Lower	Upper	
93	100		
66	47.3	29.8	44.8#
65	25.9	14.9	22.3#

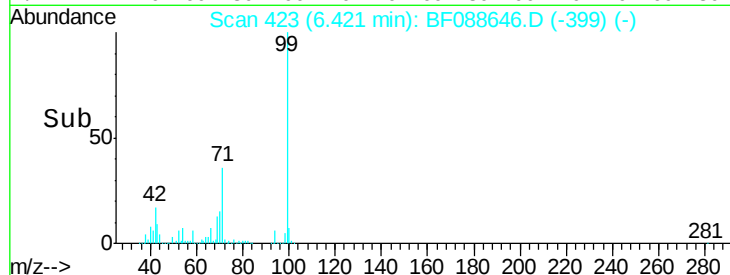
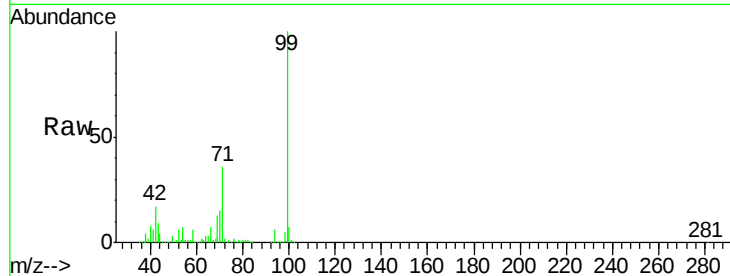


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 90.77 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

Tot Ion: 99 Resp: 897874

Ion Ratio Lower Upper

99 100

42 17.4 12.2 18.2

71 35.8 23.4 35.0#

Instrument :

BNA_F

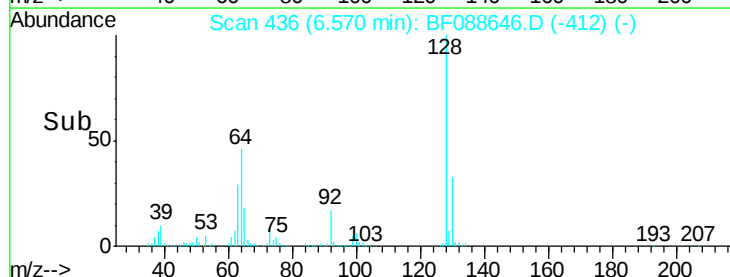
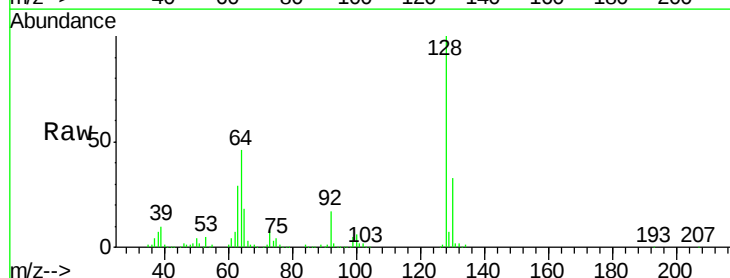
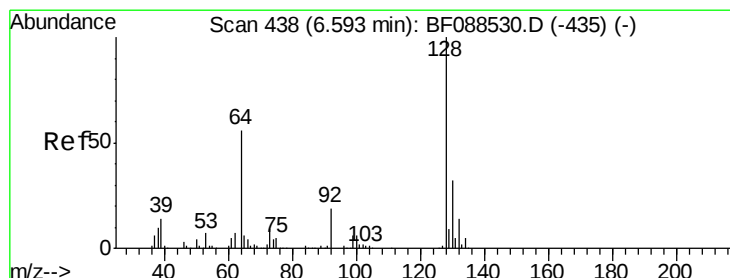
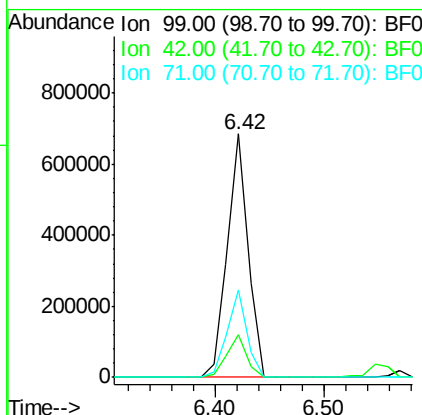
ClientSampleId :

PB91593BS

Manual Integrations

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#8

2-Chlorophenol

Concen: 34.35 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

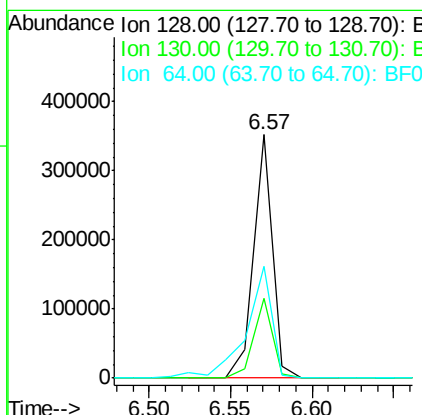
Tgt Ion:128 Resp: 282650

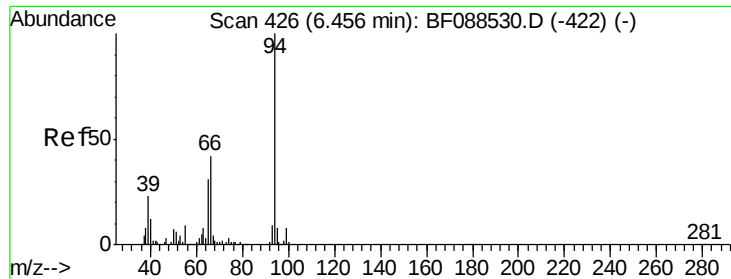
Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

64 46.0 30.8 70.8





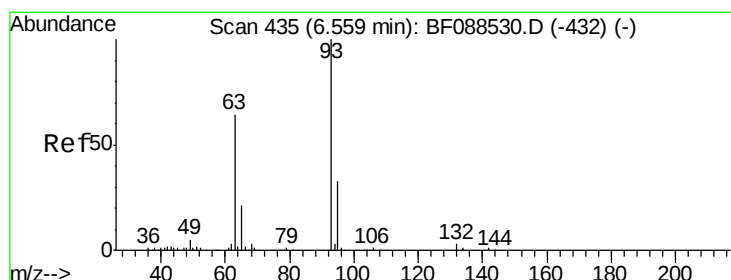
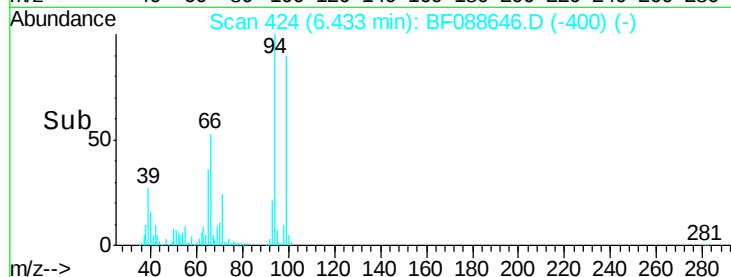
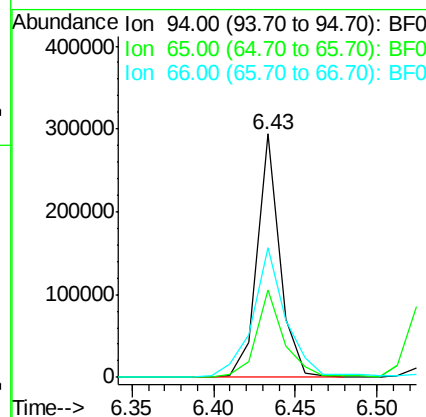
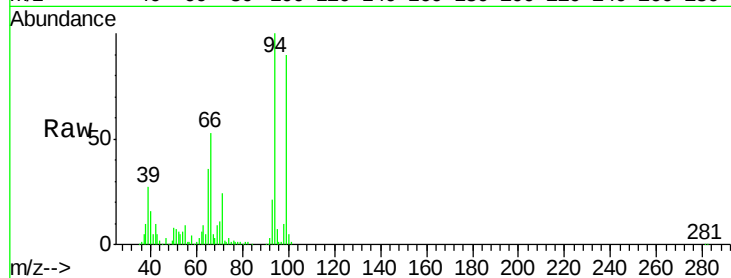
#10
Phenol
Concen: 25.24 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion:	94	Resp:	284990
Ion	Ratio	Lower	Upper
94	100		
65	36.1	5.9	45.9
66	53.3	14.0	54.0

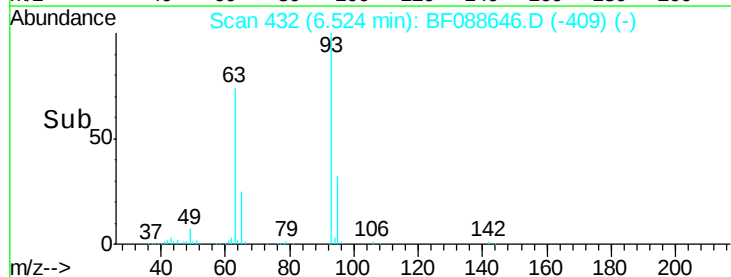
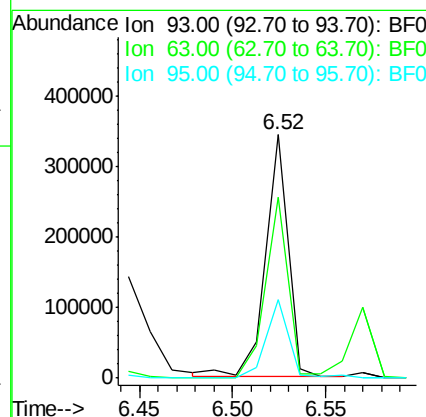
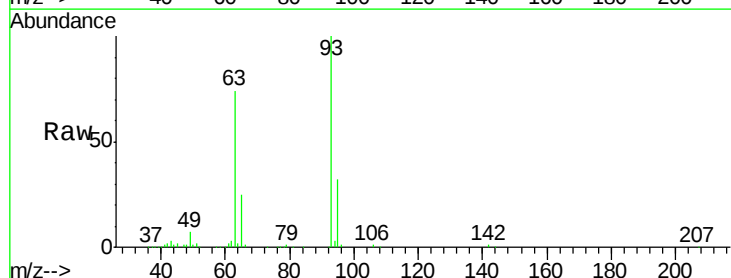
Manual Integrations

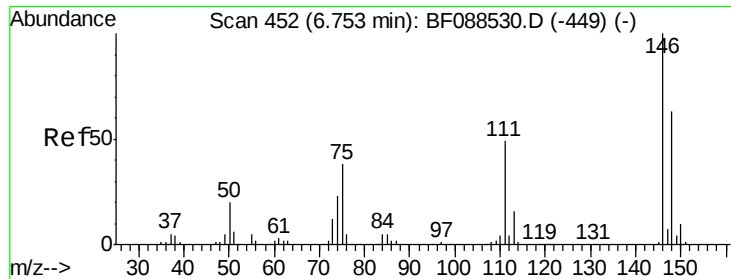
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#11
bis(2-Chloroethyl)ether
Concen: 33.95 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion:	93	Resp:	285773
Ion	Ratio	Lower	Upper
93	100		
63	74.1	67.6	107.6
95	32.0	12.5	52.5





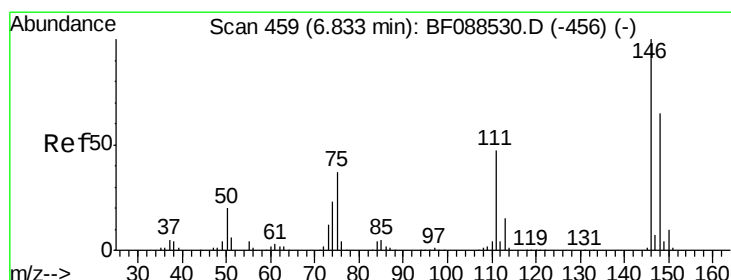
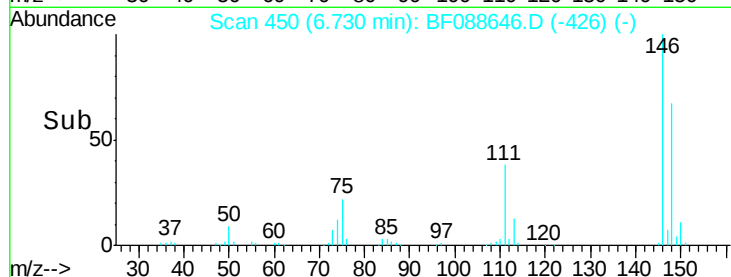
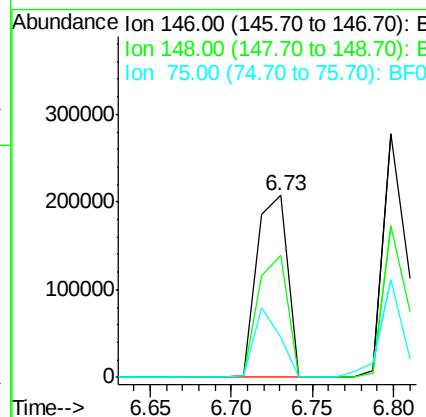
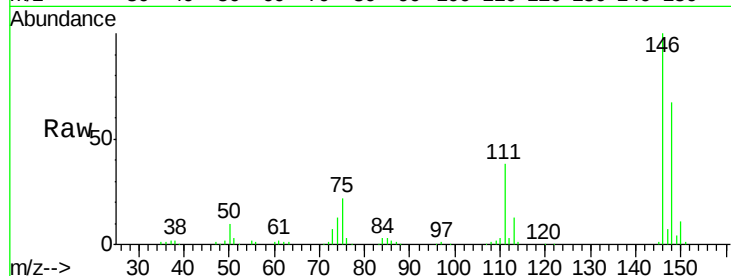
#12
 1,3-Dichlorobenzene
 Concen: 30.05 ng/ml
 RT: 6.73 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF088646.D
 Acq: 3 Jul 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	50.9	76.3
75	22.1	25.6	38.4

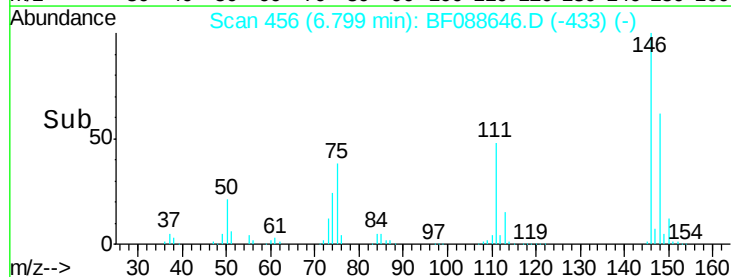
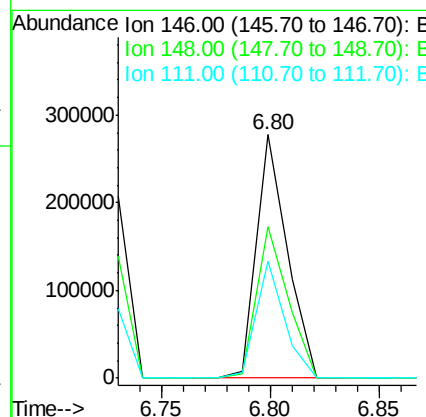
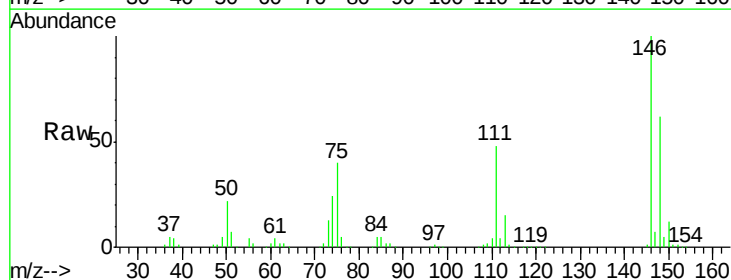
Manual Integrations

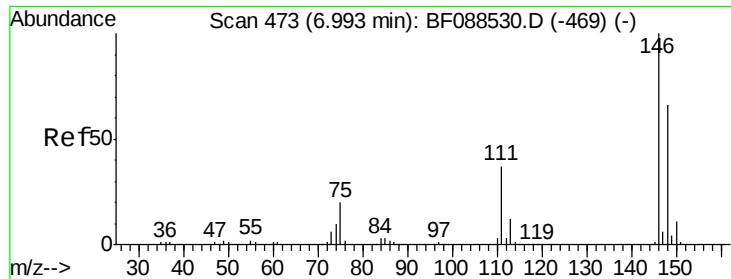
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#13
 1,4-Dichlorobenzene
 Concen: 30.47 ng/ml
 RT: 6.80 min Scan# 456
 Delta R.T. -0.03 min
 Lab File: BF088646.D
 Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.0	78.0
111	47.9	33.8	50.8





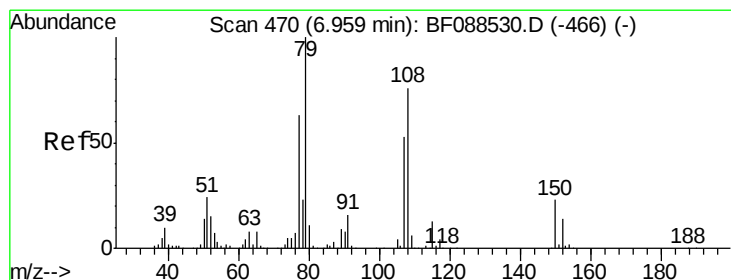
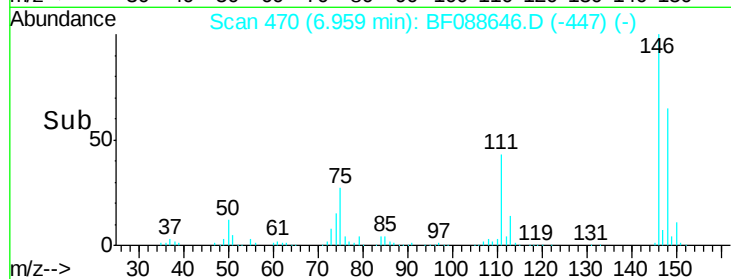
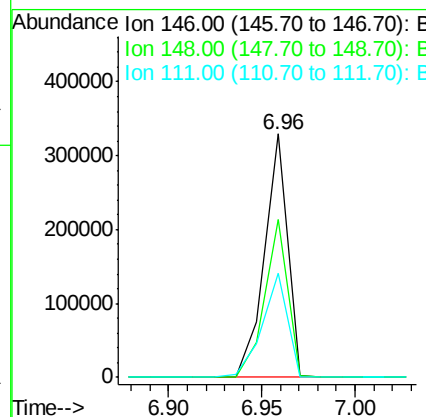
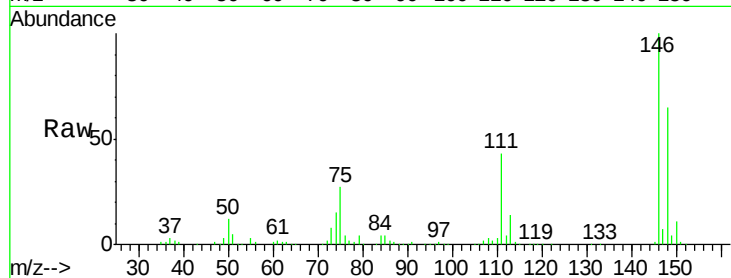
#14
 1,2-Dichlorobenzene
 Concen: 33.31 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF088646.D
 Acq: 3 Jul 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.3	78.5
111	42.5	28.7	43.1

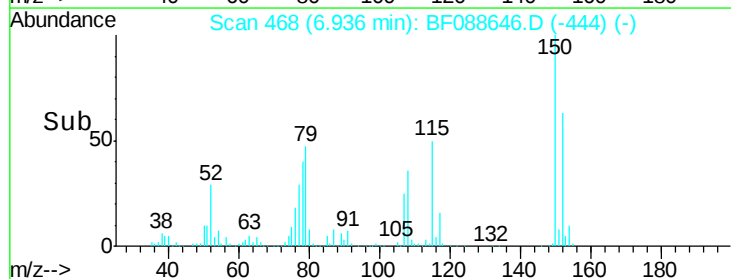
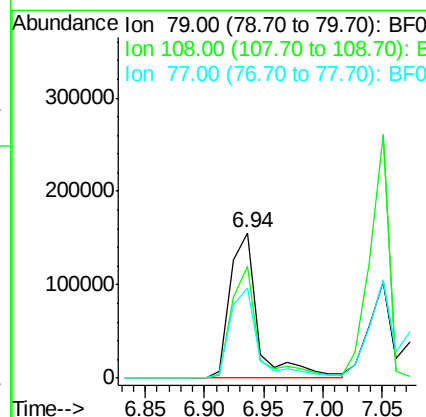
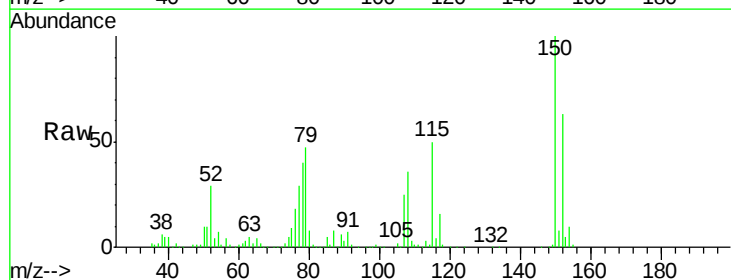
Manual Integrations

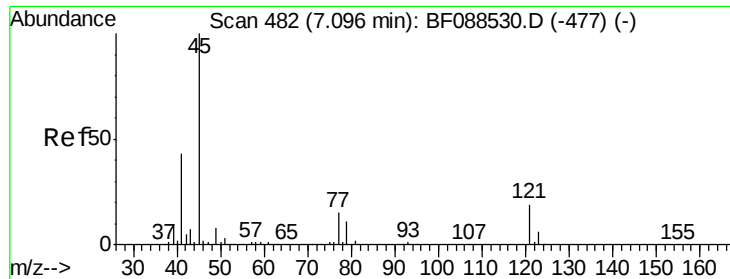
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#15
 Benzyl Alcohol
 Concen: 34.93 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF088646.D
 Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
79	100		
108	77.2	65.0	97.6
77	62.3	50.3	75.5





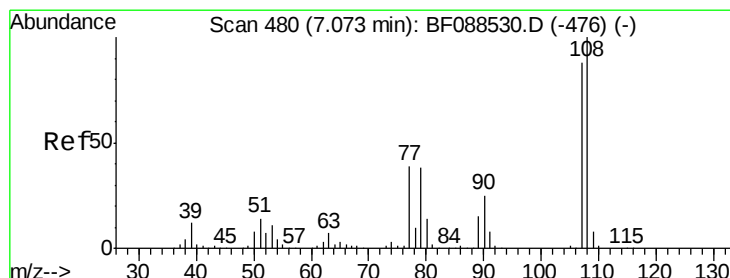
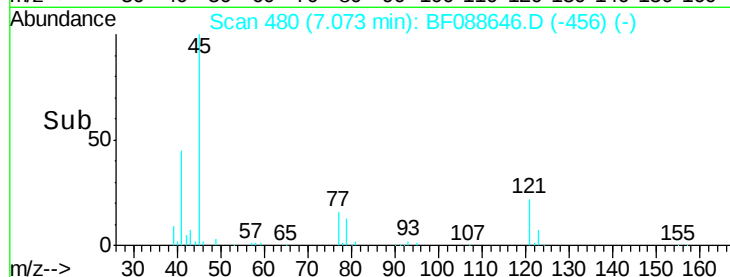
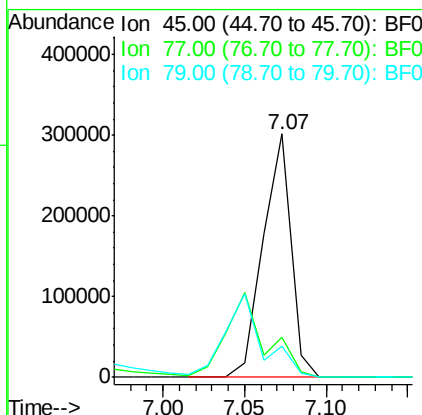
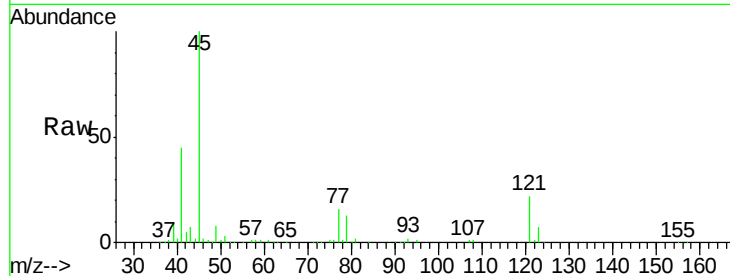
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 29.57 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	32.5
79	12.8	0.0	29.5

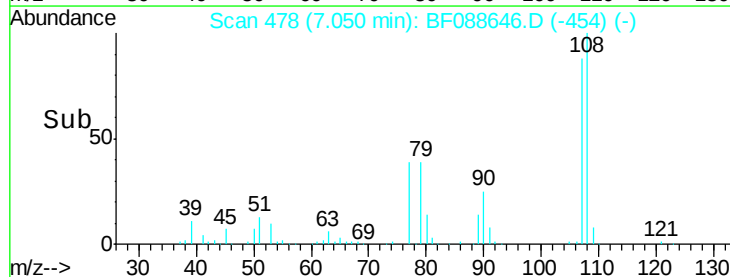
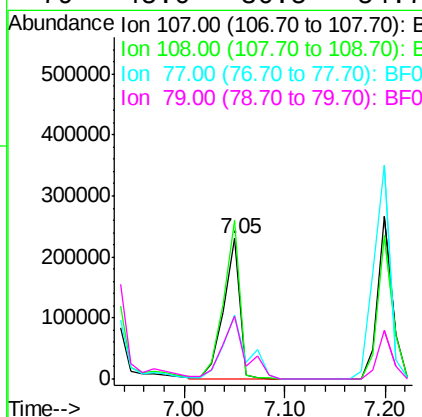
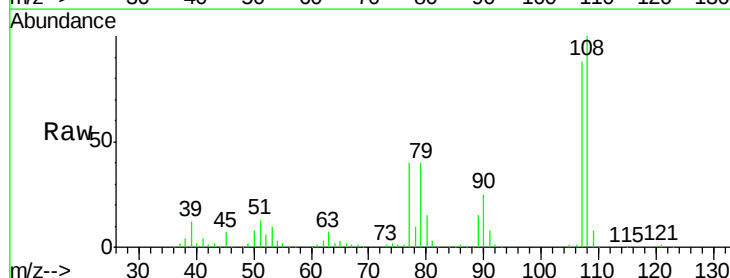
Manual Integrations

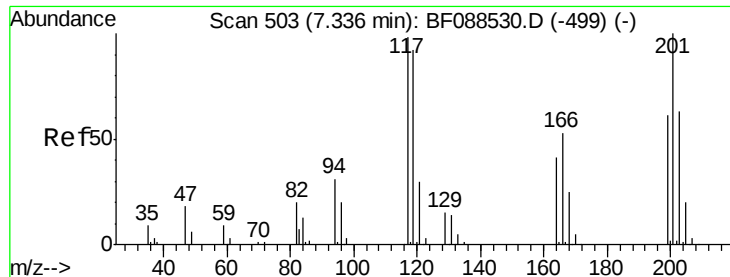
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#17
2-Methylphenol
Concen: 38.60 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.9	136.3
77	45.5	36.6	55.0
79	45.0	36.5	54.7





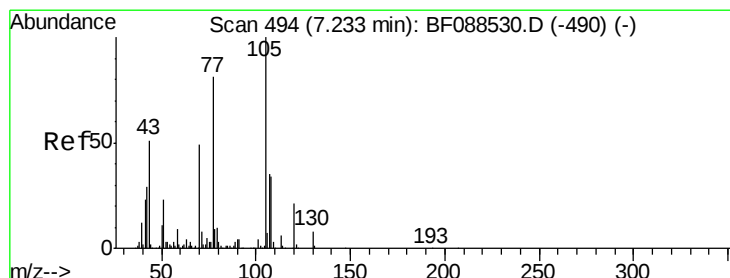
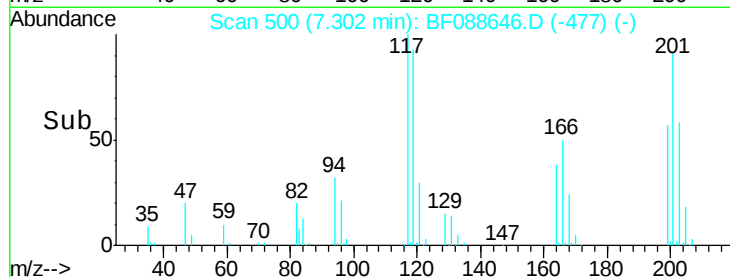
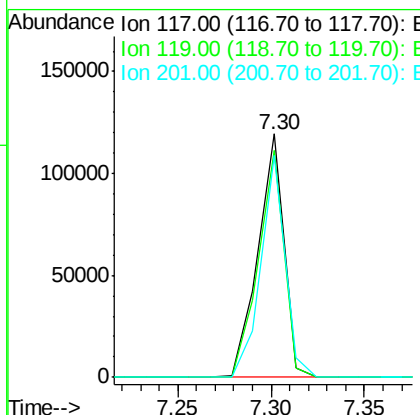
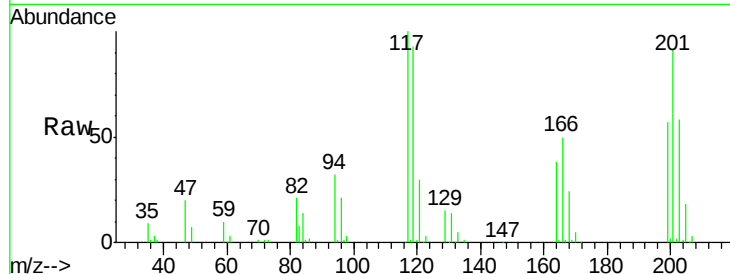
#18
Hexachloroethane
Concen: 32.98 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.3	77.4	116.2
201	91.2	80.4	120.6

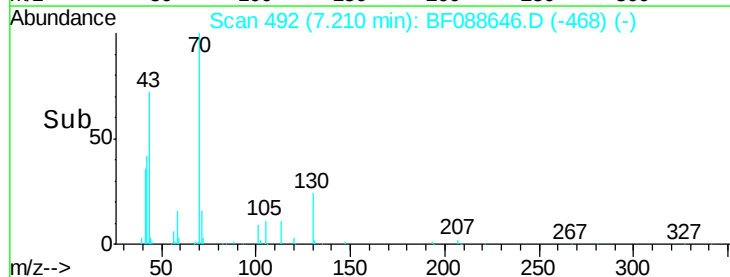
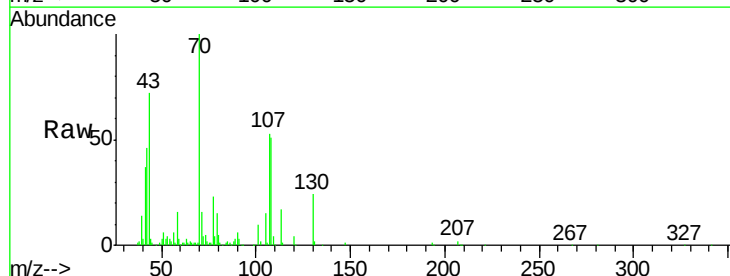
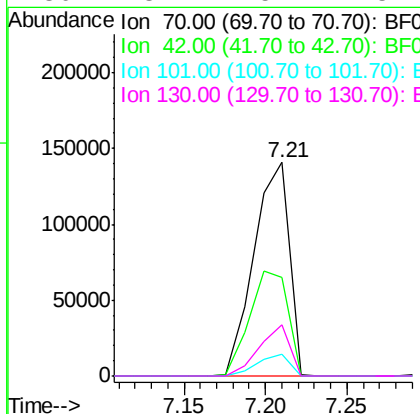
Manual Integrations

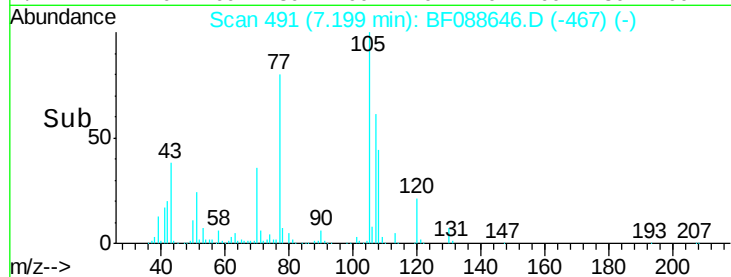
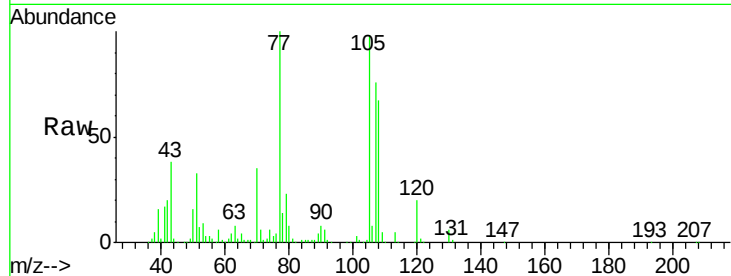
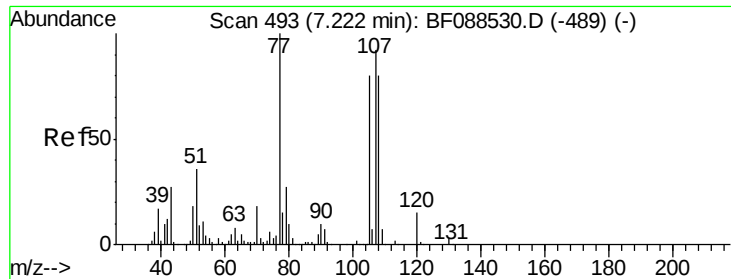
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#19
n-Nitroso-di-n-propylamine
Concen: 31.83 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.1	49.6	74.4#
101	10.2	7.1	10.7
130	23.7	15.4	23.2#





#20

3+4-Methylphenols

Concen: 33.76 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	271932		
108	108	87.7	67.8	107.8	
77	77	130.9	59.3	99.3	
79	79	30.2	7.0	47.0	

Instrument :

BNA_F

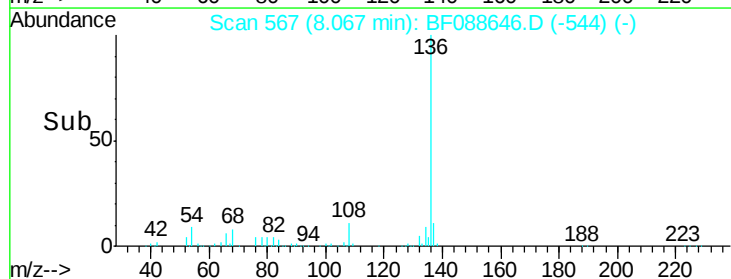
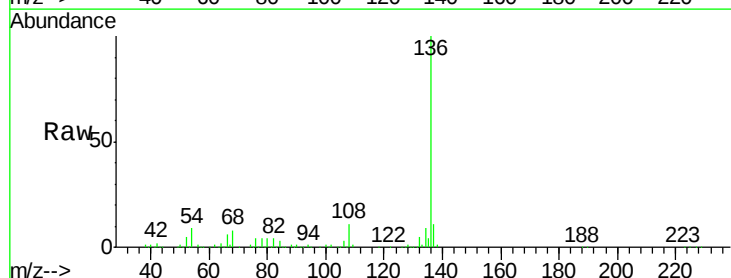
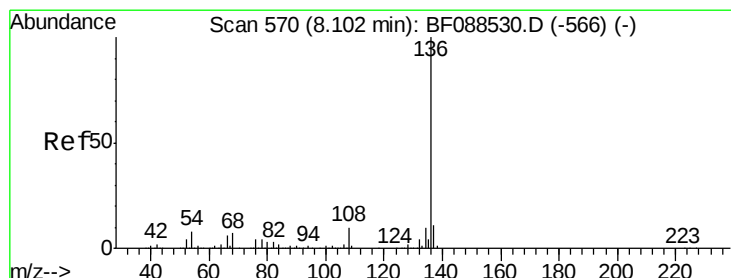
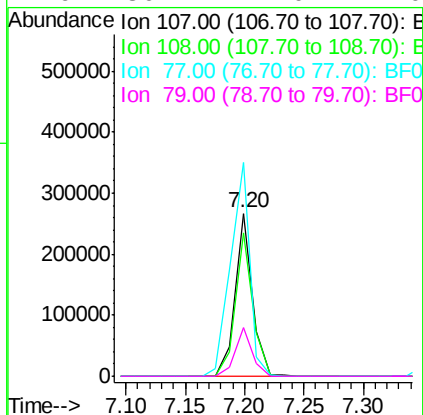
ClientSampleId :

PB91593BS

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.00 ng

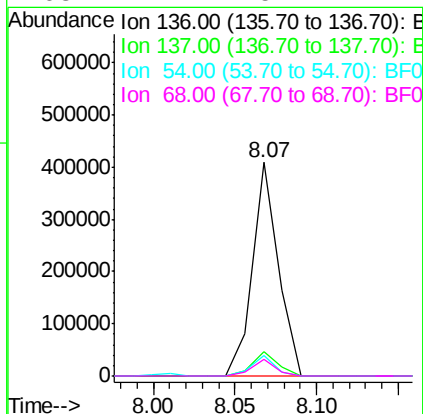
RT: 8.07 min Scan# 567

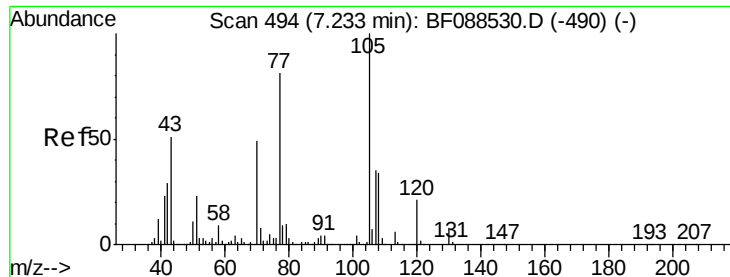
Delta R.T. -0.03 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	448727		
137	137	11.4	9.1	13.7	
54	54	9.3	6.6	10.0	
68	68	7.7	5.1	7.7	





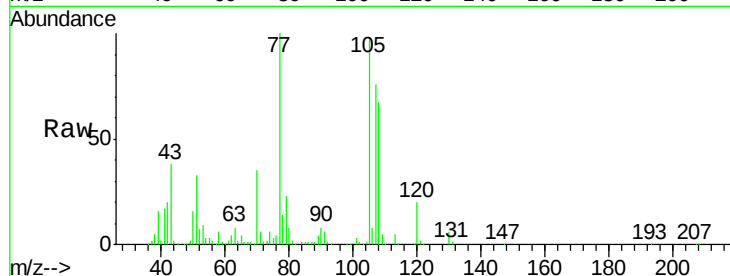
#22
Acetophenone
Concen: 35.58 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampled :
PB91593BS

Tot Ion	Ion	Ratio	Lower	Upper
105	105	100		
71	71	5.8	5.3	7.9
51	51	33.2	18.2	27.4
120	120	20.5	18.0	27.0

Manual Integrations

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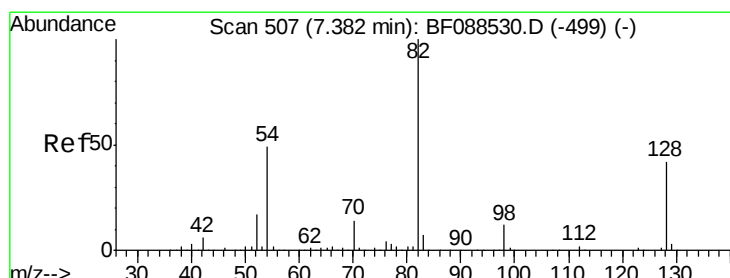
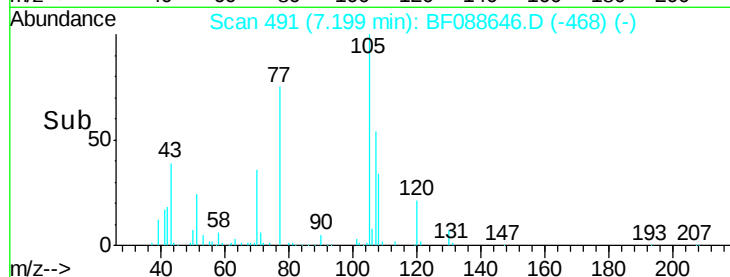
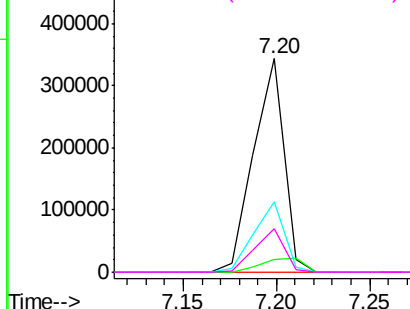
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

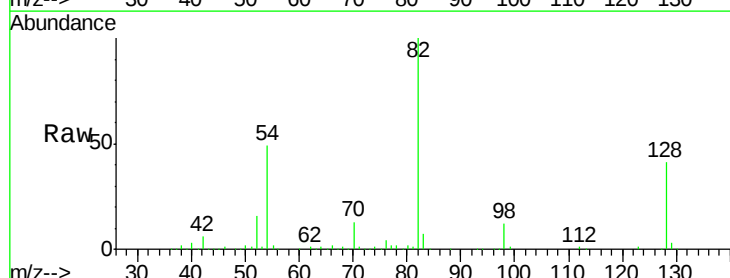
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23
Nitrobenzene-d5
Concen: 72.72 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ion	Ratio	Lower	Upper
82	82	100		
128	128	41.1	35.9	53.9
54	54	48.7	40.9	61.3

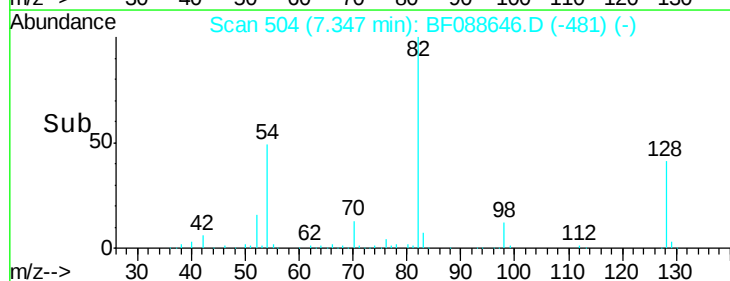
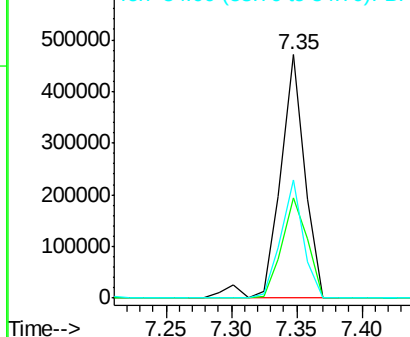


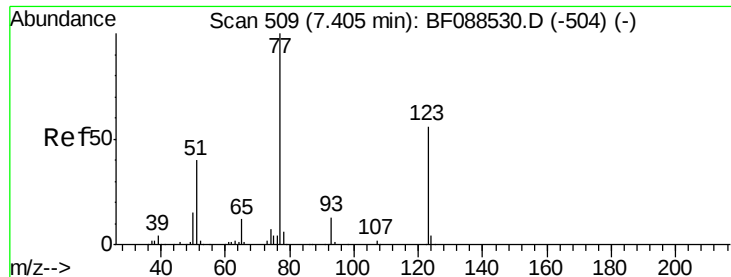
Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





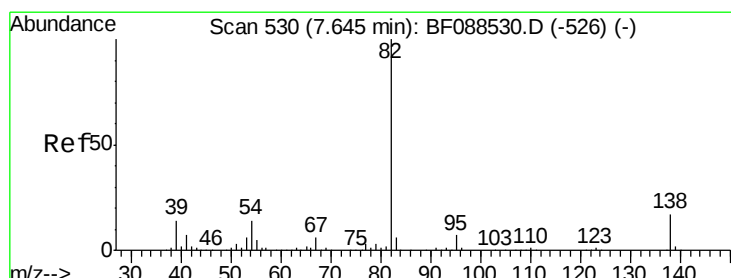
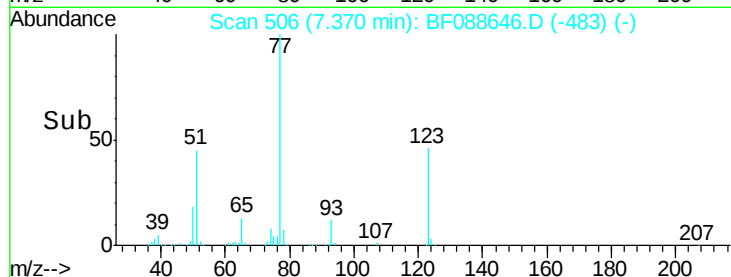
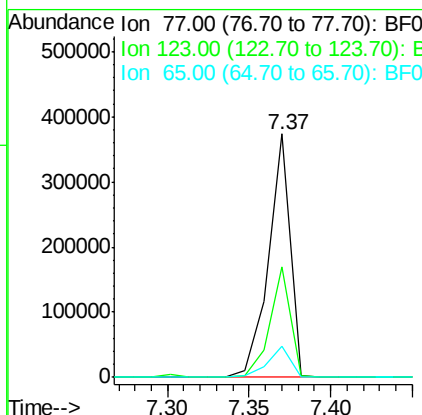
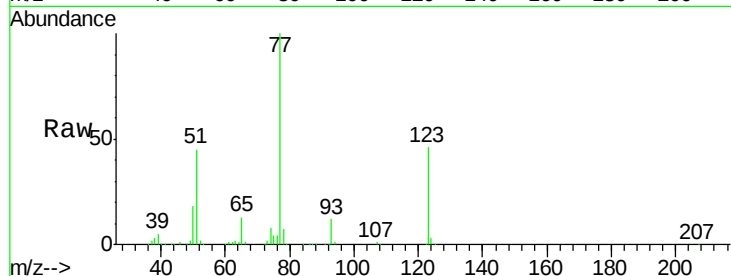
#24
Nitrobenzene
Concen: 40.05 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleID :
PB91593BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	45.5	45.0	67.4
65	12.6	10.2	15.2

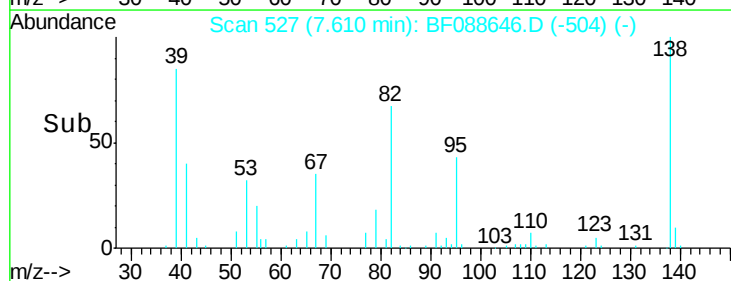
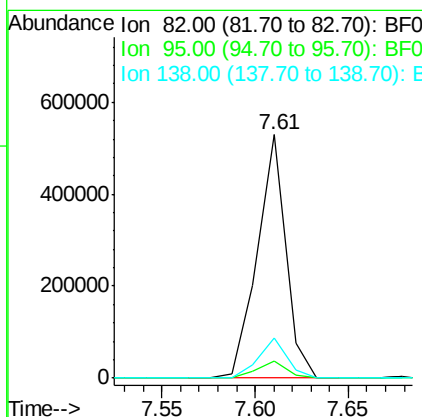
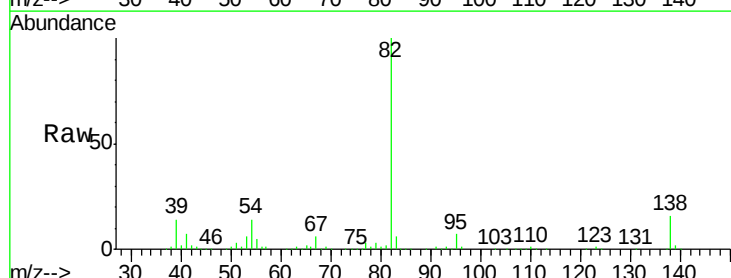
Manual Integrations

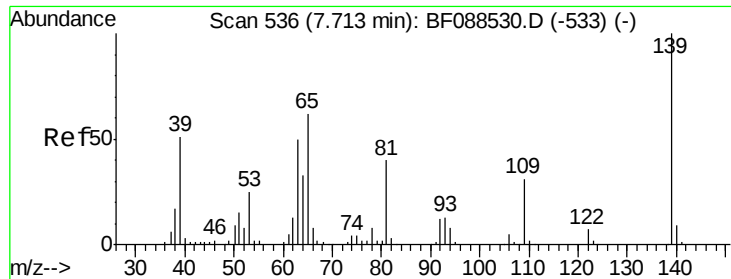
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#25
Isophorone
Concen: 35.33 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	16.4	14.6	21.8





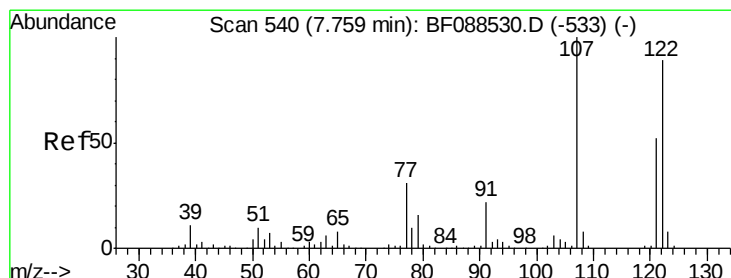
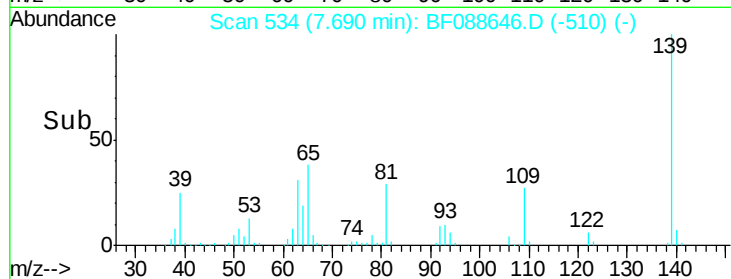
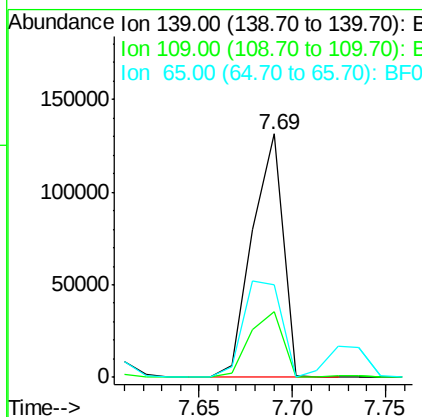
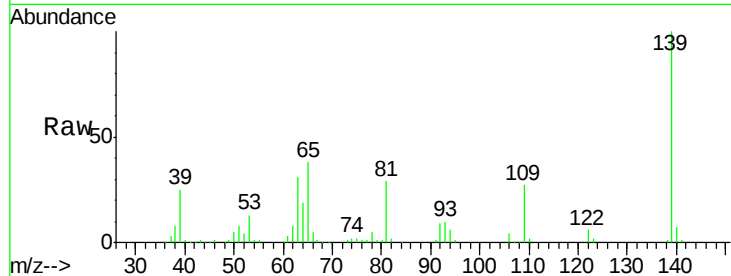
#26
2-Nitrophenol
Concen: 42.32 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	149835		
109	26.9	23.0	34.4	
65	38.0	45.8	68.8	

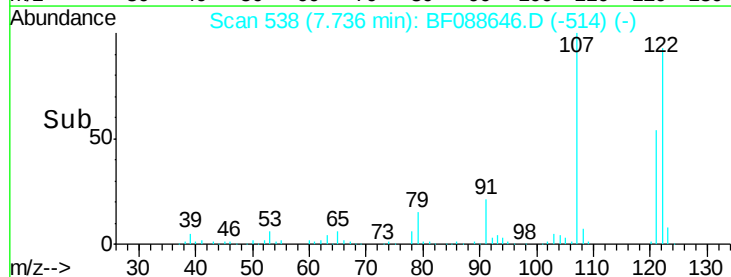
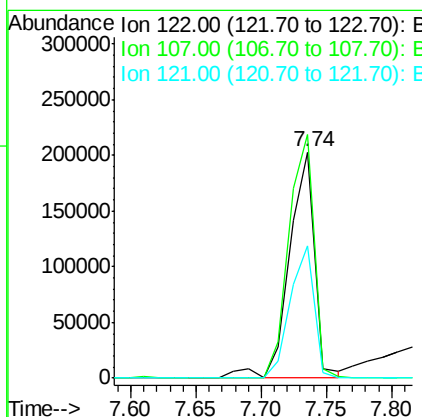
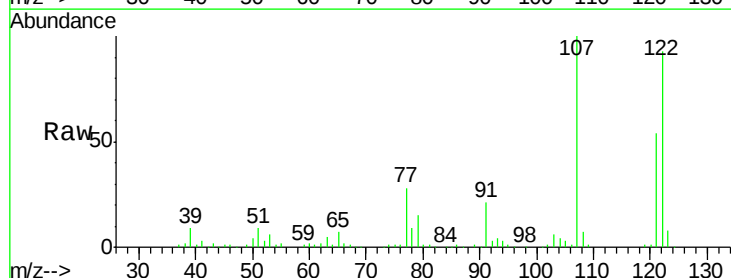
Manual Integrations

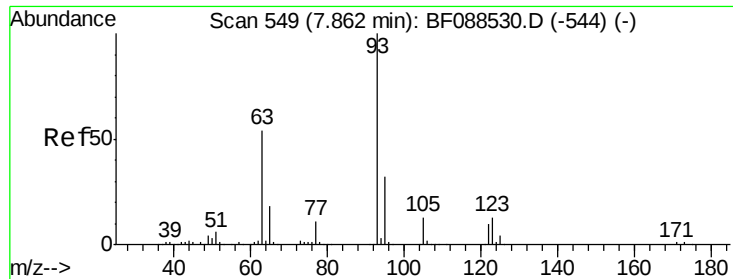
umangi
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#27
2,4-Dimethylphenol
Concen: 37.46 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	276204		
107	107.8	82.4	123.6	
121	58.6	46.3	69.5	





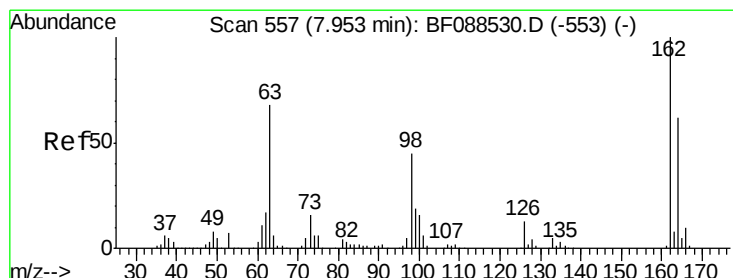
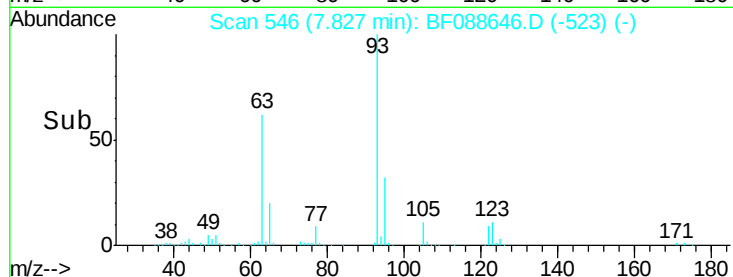
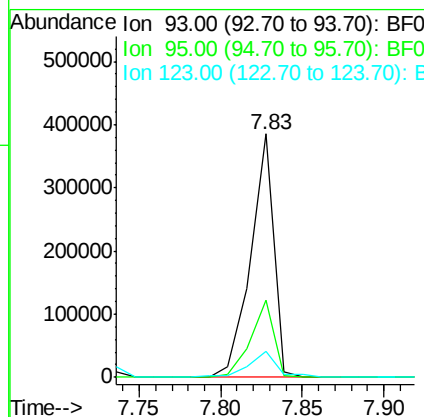
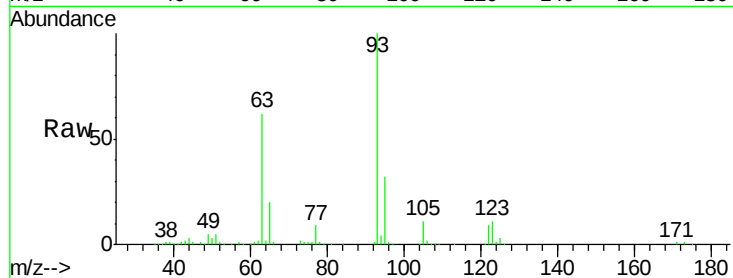
#28
bis(2-Chloroethoxy)methane
Concen: 36.73 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.5	39.7
123	10.9	11.6	17.4

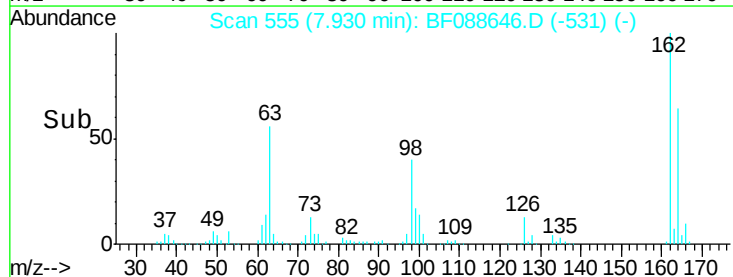
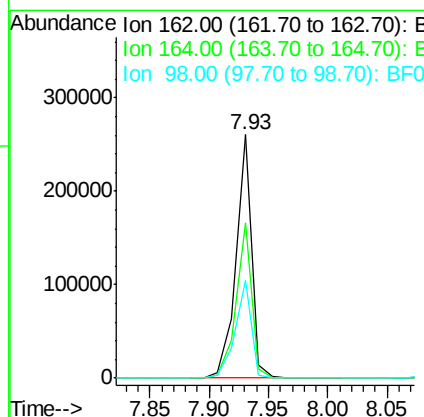
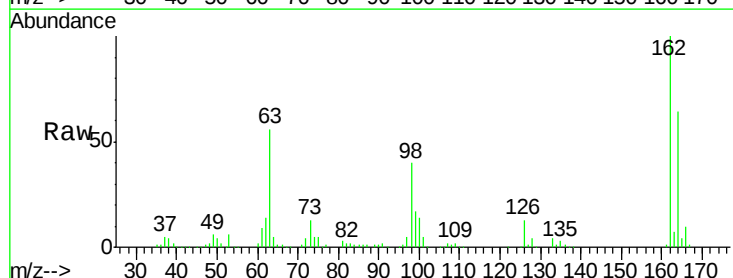
Manual Integrations

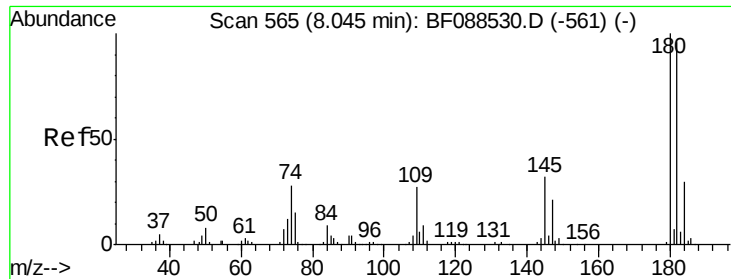
umangi
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#29
2,4-Dichlorophenol
Concen: 39.83 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.8	83.8
98	40.4	21.3	61.3





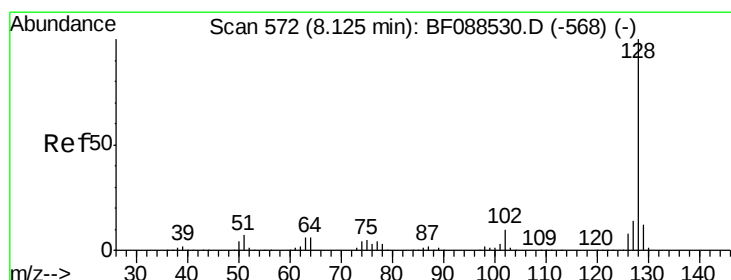
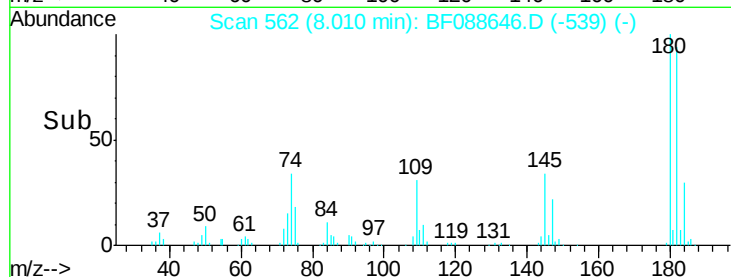
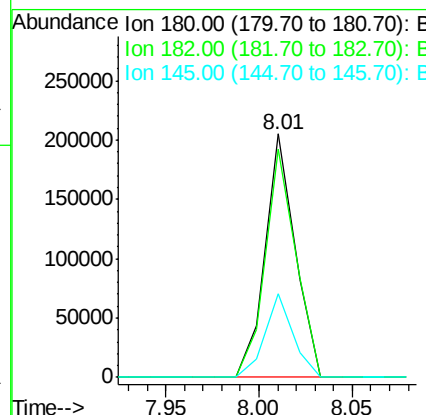
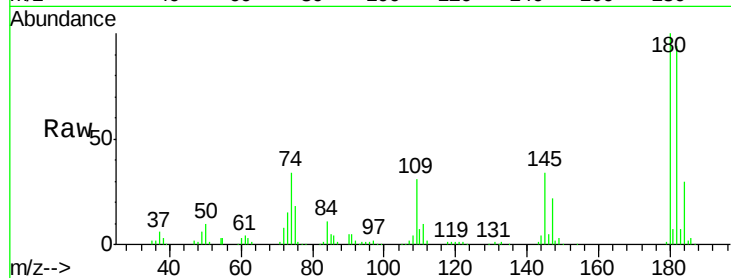
#30
1,2,4-Trichlorobenzene
Concen: 34.76 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampled :
PB91593BS

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.0	114.0
145	34.5	26.5	39.7

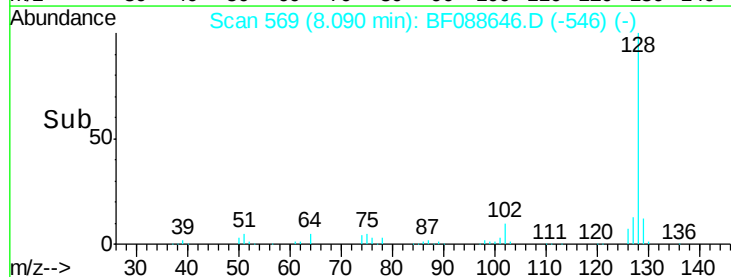
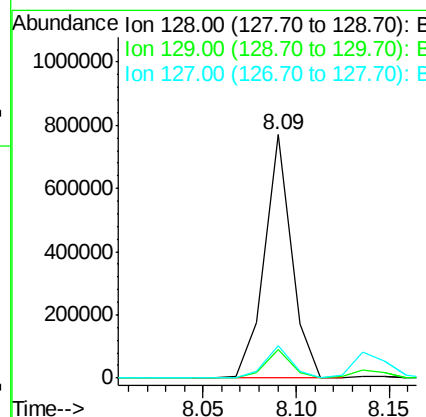
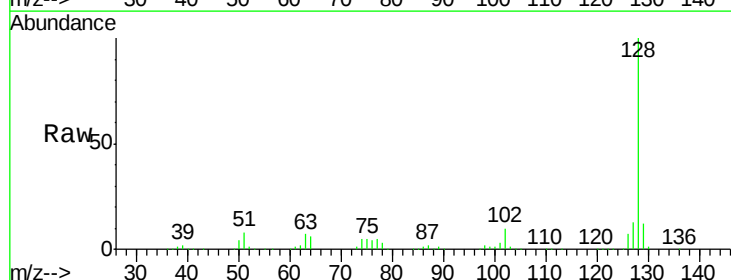
Manual Integrations

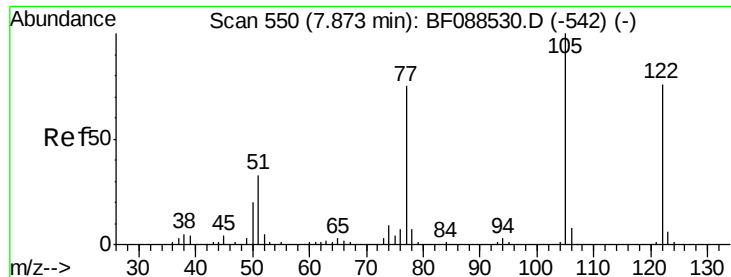
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#31
Naphthalene
Concen: 34.85 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.4	10.9	16.3





#32

Benzoic acid

Concen: 31.10 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

Instrument :

BNA_F

ClientSampled :

PB91593BS

Tot Ion:122 Resp: 166474

Ion Ratio Lower Upper

122 100

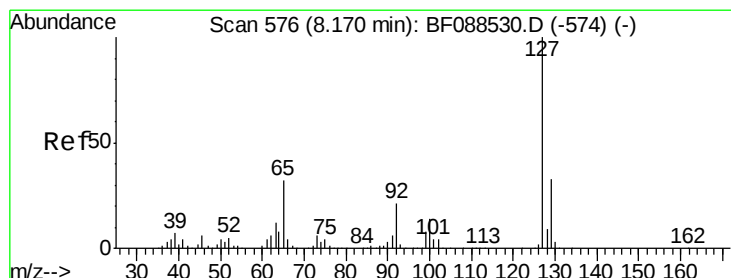
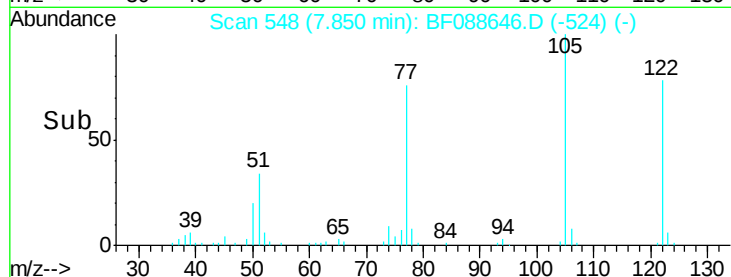
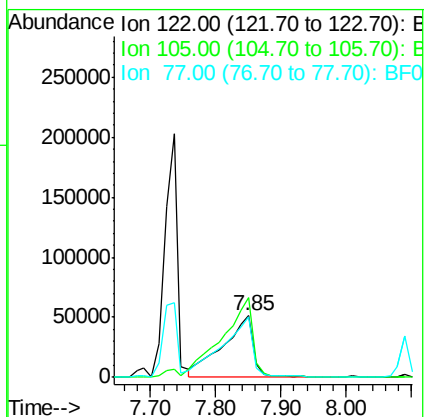
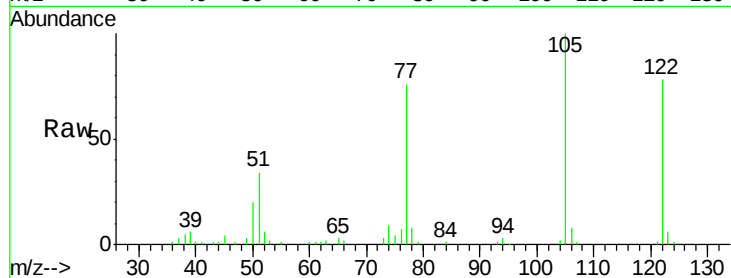
105 128.5 101.6 141.6

77 98.0 70.6 110.6

Manual Integrations

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#33

4-Chloroaniline

Concen: 11.07 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.03 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

Tgt Ion:127 Resp: 108958

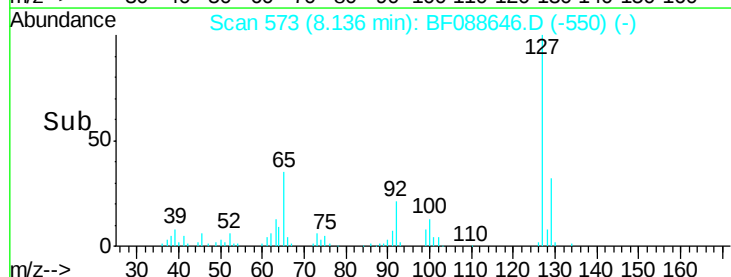
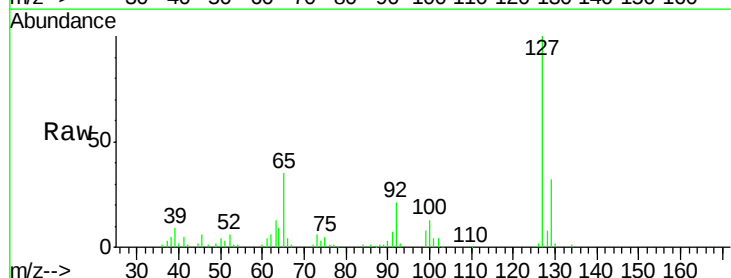
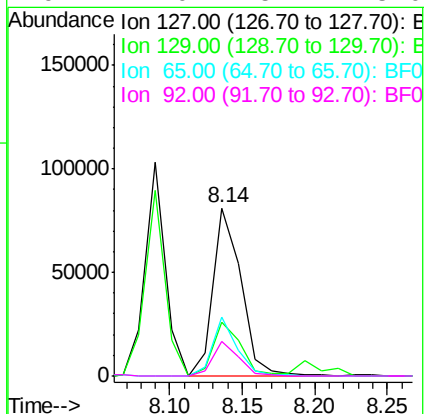
Ion Ratio Lower Upper

127 100

129 32.0 26.3 39.5

65 34.8 24.7 37.1

92 21.0 15.4 23.0





#34

Hexachlorobutadiene

Concen: 35.99 ng

RT: 8.22 min Scan# 580

Delta R.T. -0.03 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

Instrument :

BNA_F

ClientSampleId :

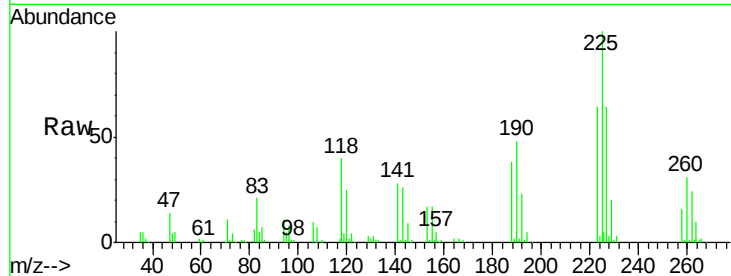
PB91593BS

Tot Ion:	225	Resp:	126010
Ion Ratio	Lower	Upper	
225	100		
223	63.7	50.9	76.3
227	63.8	51.9	77.9

Manual Integrations

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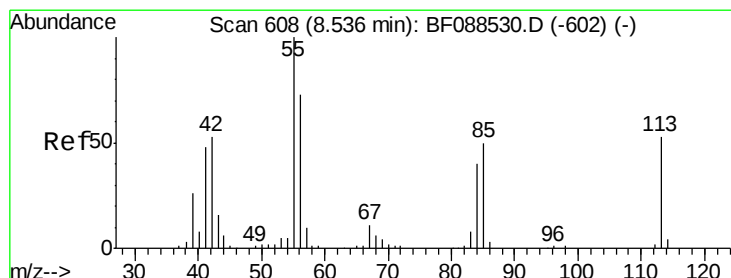
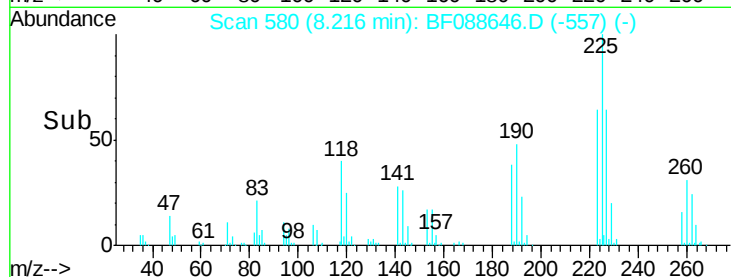
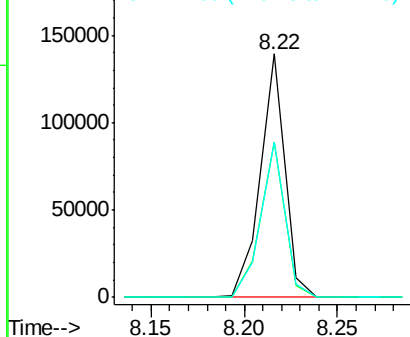
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Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 40.28 ng m

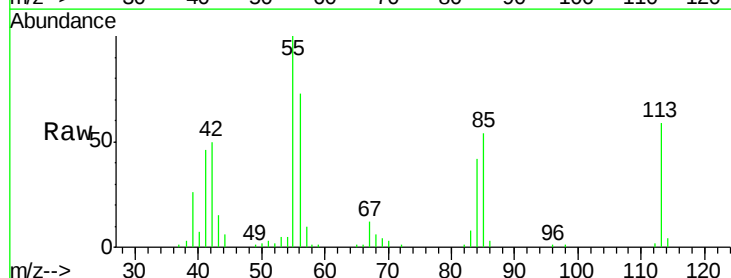
RT: 8.50 min Scan# 605

Delta R.T. -0.03 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

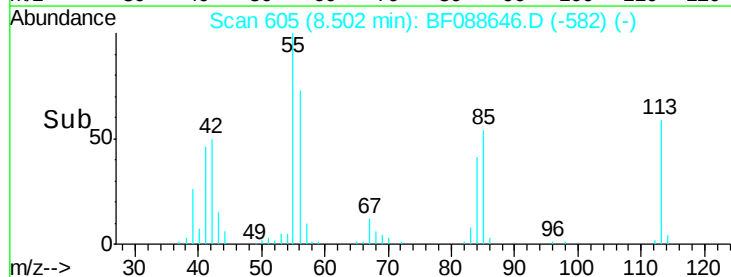
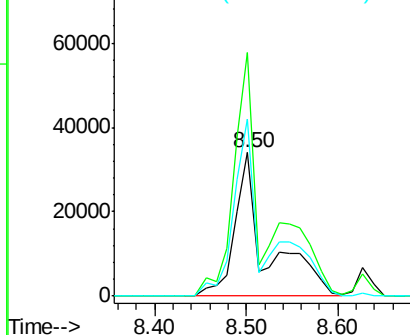
Tgt Ion:	113	Resp:	81534
Ion Ratio	Lower	Upper	
113	100		
55	170.1	158.6	198.6
56	123.5	110.6	150.6

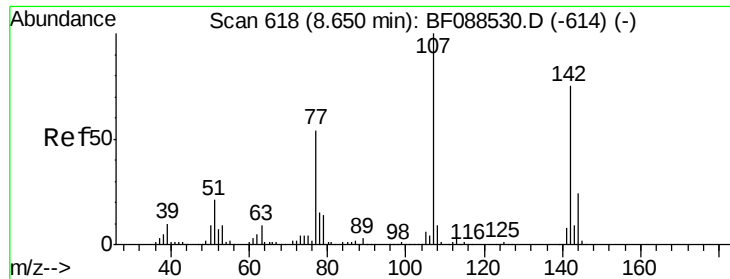


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





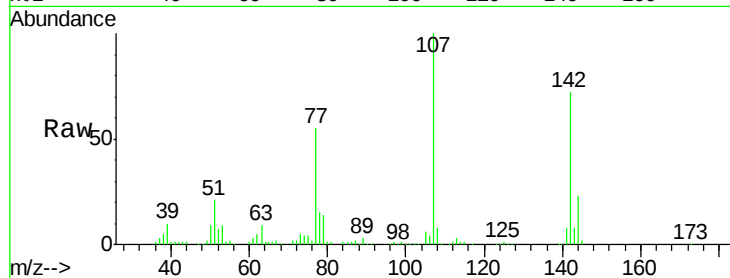
#36
4-Chloro-3-methylphenol
Concen: 35.40 ng
RT: 8.63 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

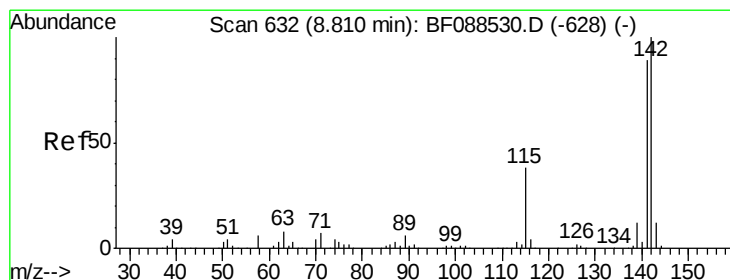
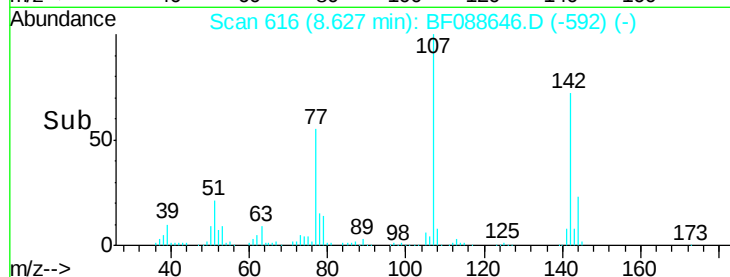
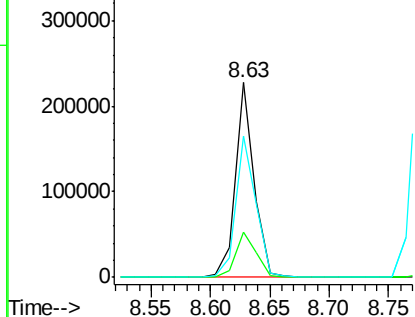
Tot Ion	Ratio	Lower	Upper
107	100		
144	23.3	20.8	31.2
142	72.4	63.4	95.2

Manual Integrations

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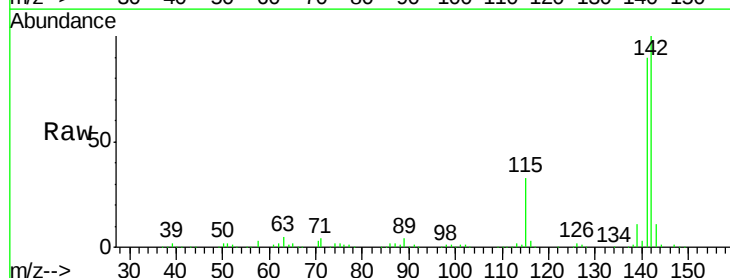


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

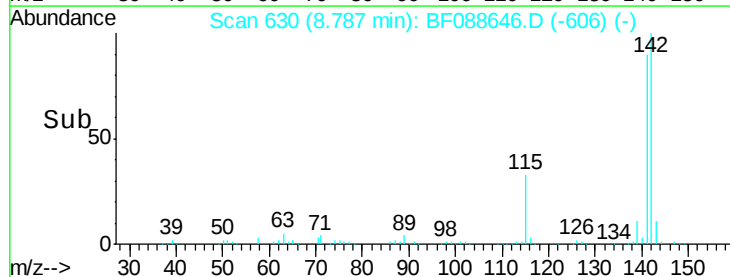
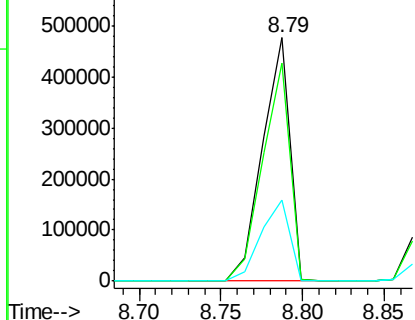


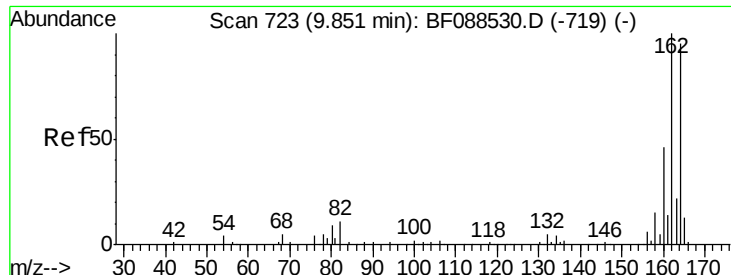
#37
2-Methylnaphthalene
Concen: 39.07 ng
RT: 8.79 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.6
115	33.3	22.6	33.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF088646.D

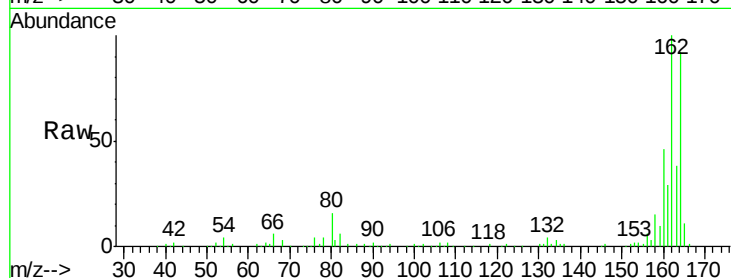
Acq: 3 Jul 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB91593BS



Tot Ion:164 Resp: 21536

Ion Ratio Lower Upper

164 100

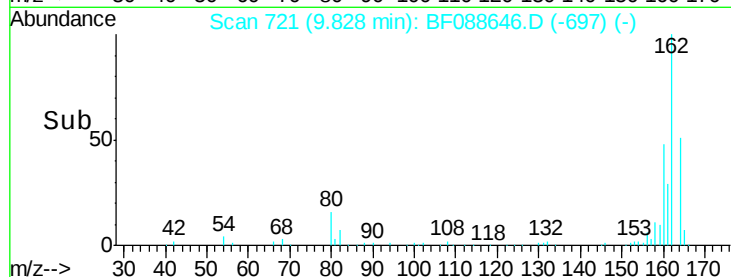
162 108.4 85.4 128.2

160 49.7 39.5 59.3

Manual Integrations

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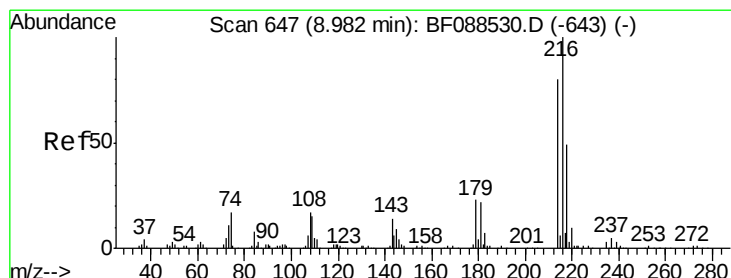
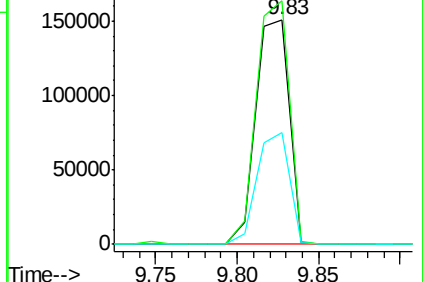
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.83 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

Tgt Ion:216 Resp: 199489

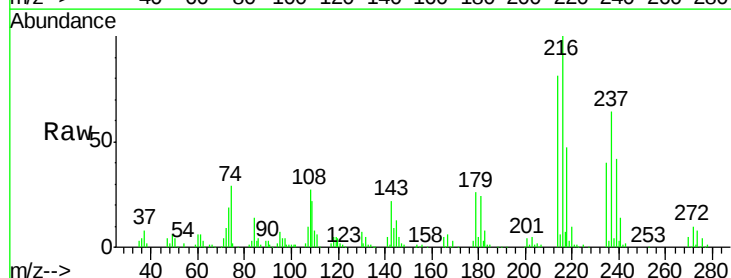
Ion Ratio Lower Upper

216 100

214 79.1 2.9 4.3#

179 23.5 0.0 0.0#

108 26.0 0.5 0.7#

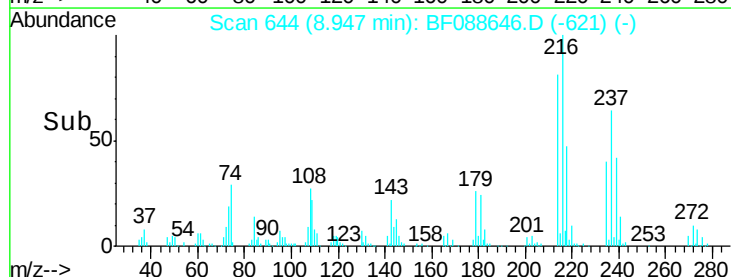
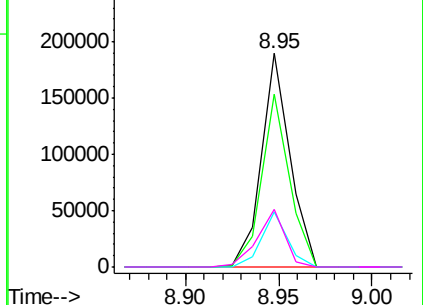


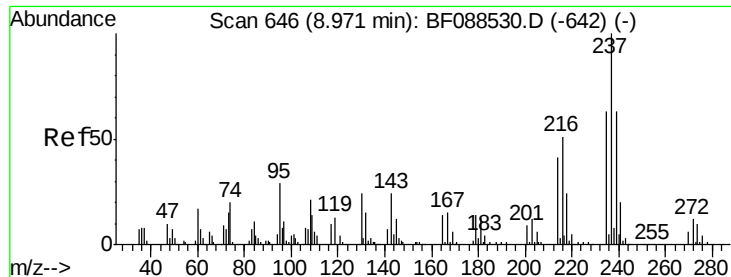
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





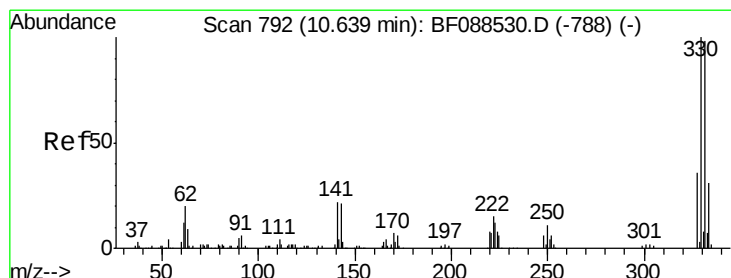
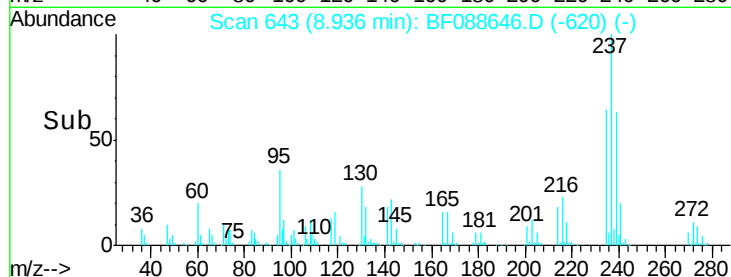
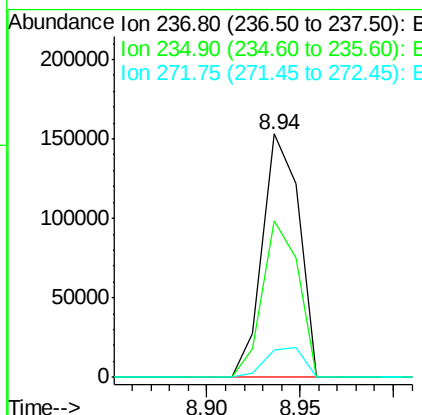
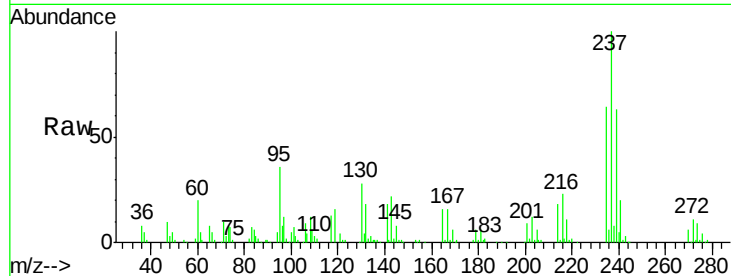
#40
Hexachlorocyclopentadiene
Concen: 59.09 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	207912		
235	64.2		43.4	83.4
272	11.4		0.0	32.3

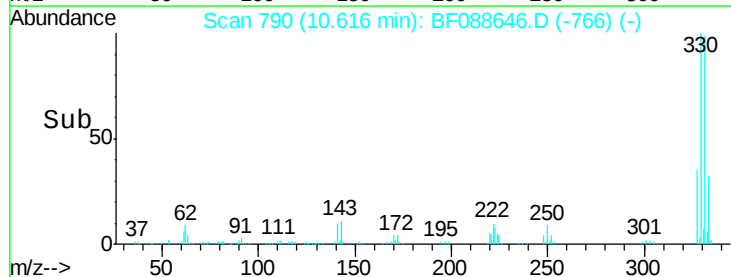
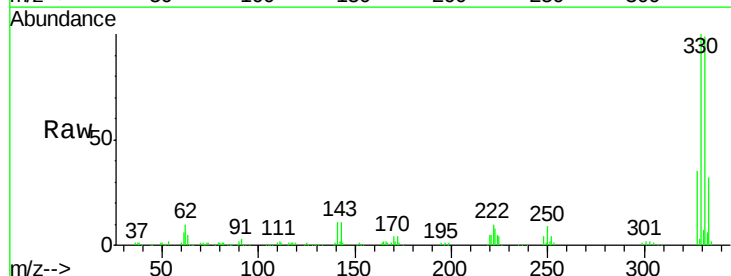
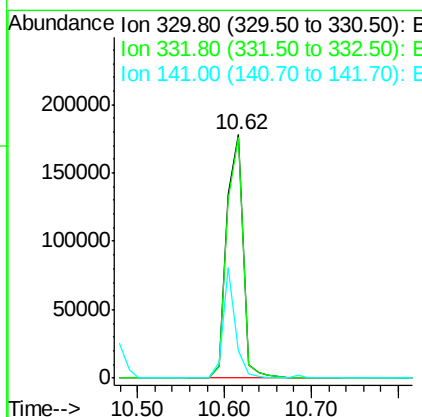
Manual Integrations

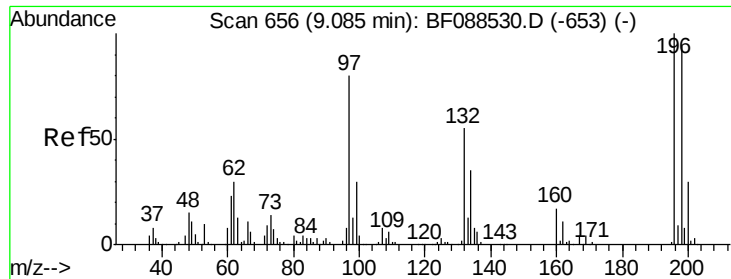
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#41
2,4,6-Tribromophenol
Concen: 116.52 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	233215		
332	98.1		0.0	0.0#
141	34.6		0.0	0.0#





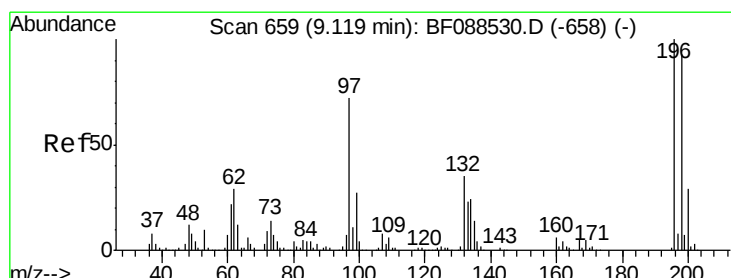
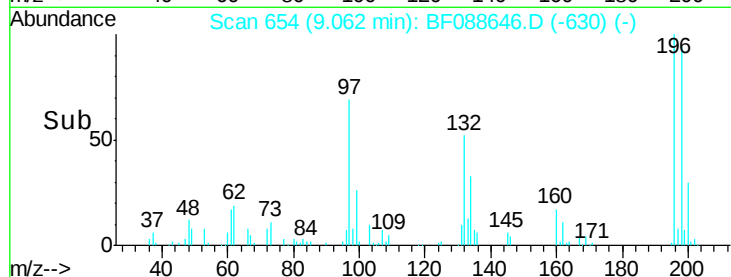
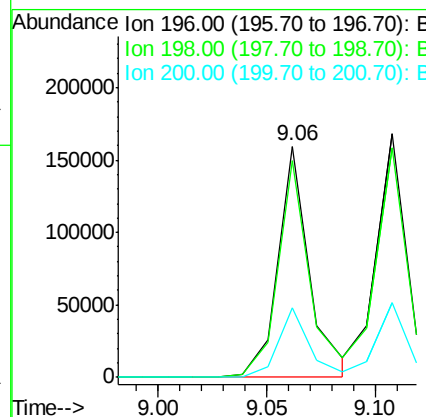
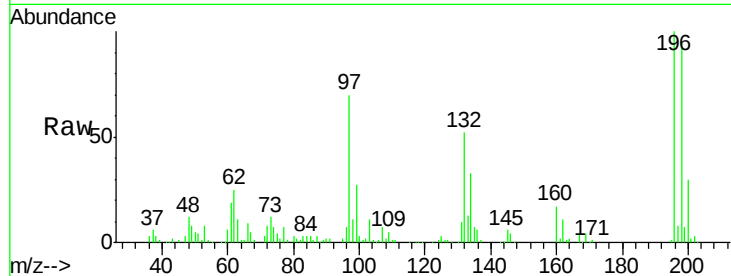
#42
2,4,6-Trichlorophenol
Concen: 34.33 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	162275		
198	94.0	78.0	117.0	
200	29.9	25.4	38.2	

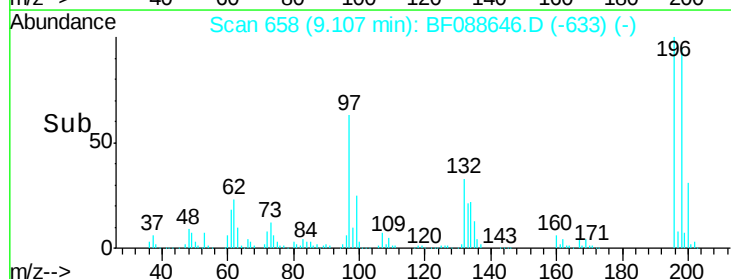
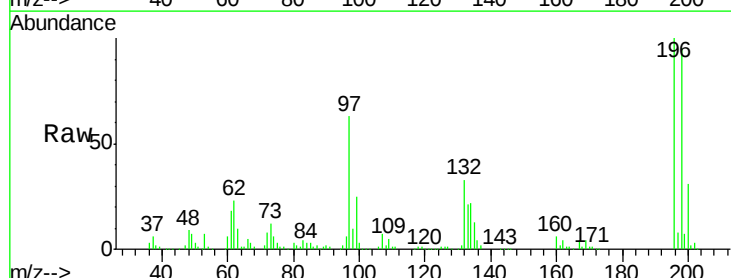
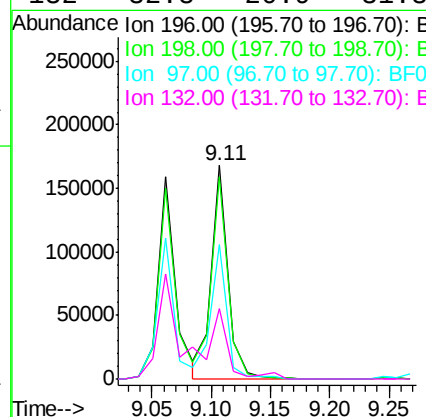
Manual Integrations

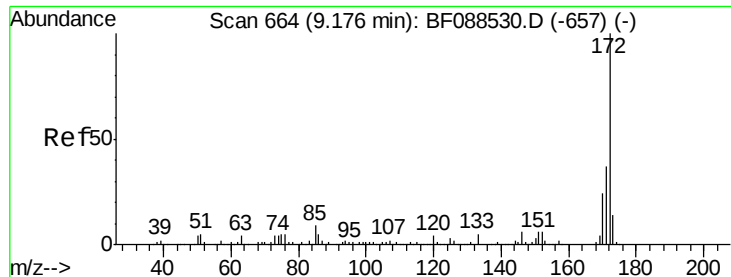
umangi
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#43
2,4,5-Trichlorophenol
Concen: 40.90 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	166347		
198	94.5	77.5	116.3	
97	63.0	32.0	48.0#	
132	32.8	20.9	31.3#	





#44

2-Fluorobiphenyl

Concen: 82.46 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

Instrument :

BNA_F

ClientSampled :

PB91593BS

Tot Ion:172 Resp: 1125162

Ion Ratio Lower Upper

172 100

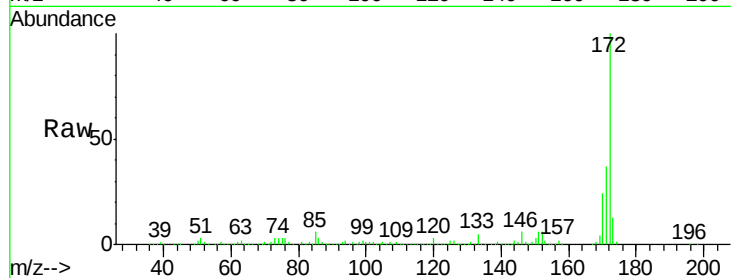
171 36.5 28.6 43.0

170 24.3 19.2 28.8

Manual Integrations

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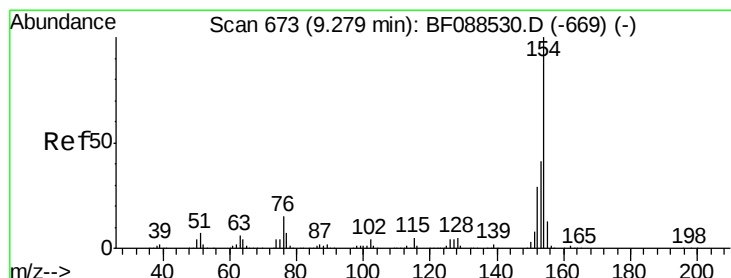
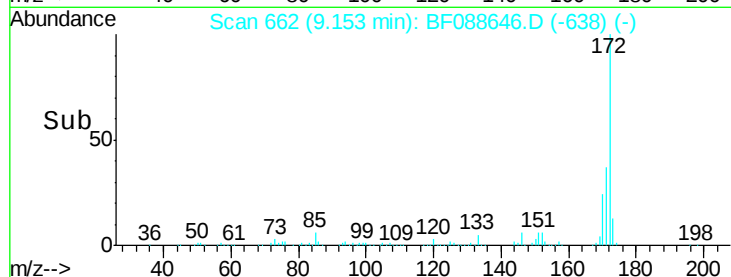
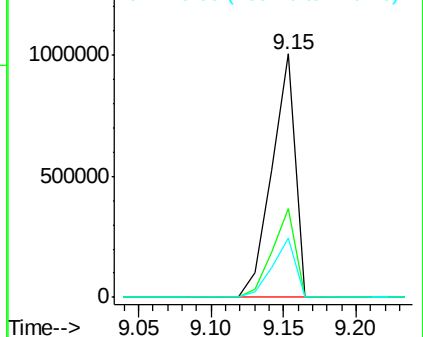
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 33.68 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

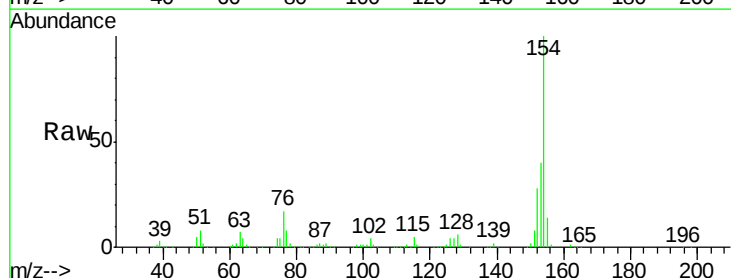
Tgt Ion:154 Resp: 601033

Ion Ratio Lower Upper

154 100

153 40.1 20.6 60.6

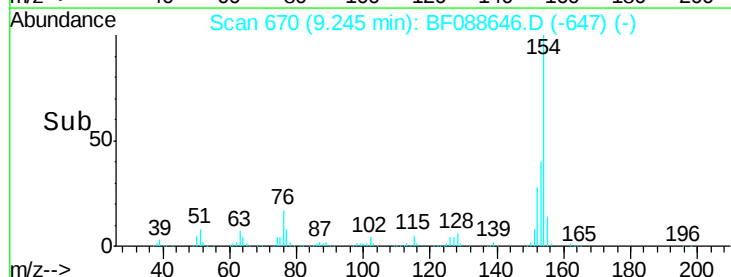
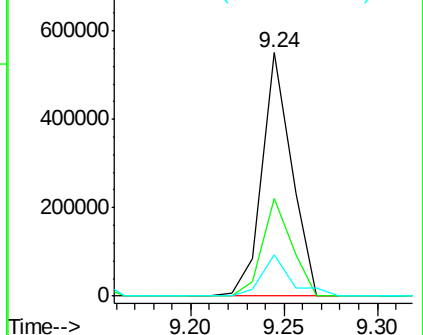
76 17.0 0.0 35.1

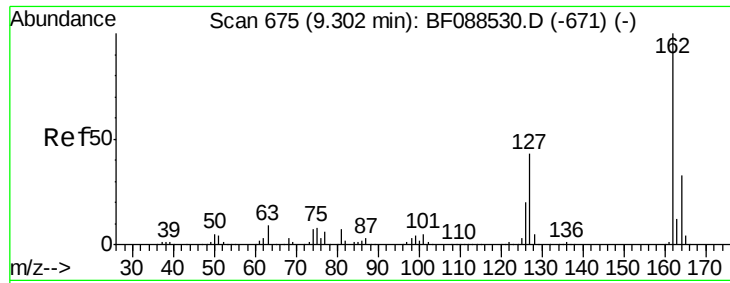


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





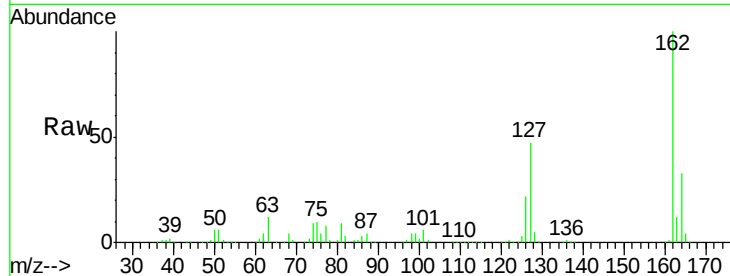
#46
2-Chloronaphthalene
Concen: 33.03 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

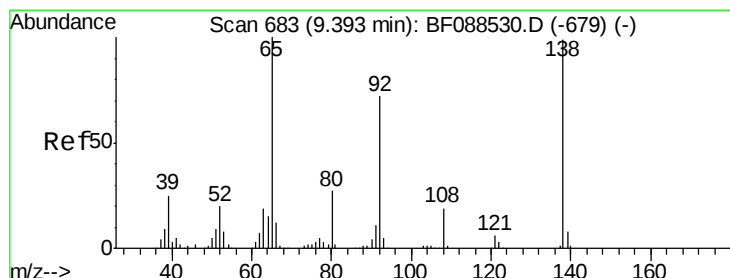
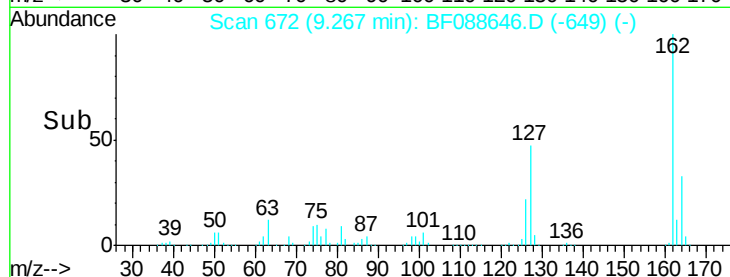
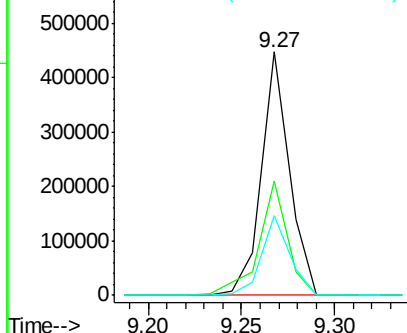
Tot Ion	Ratio	Lower	Upper
162	100		
127	47.1	35.2	52.8
164	33.0	26.6	39.8

Manual Integrations

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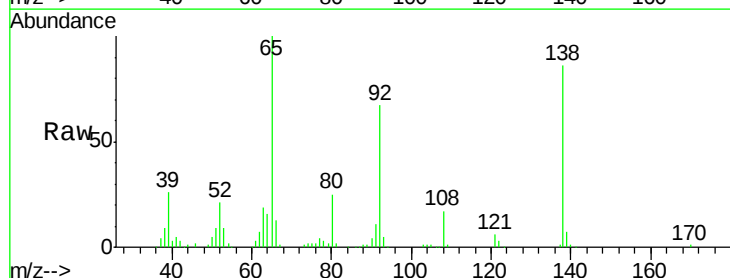


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

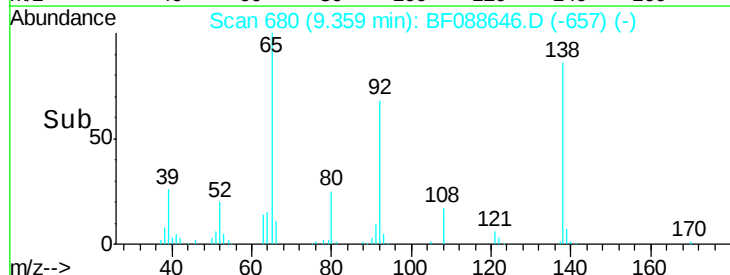
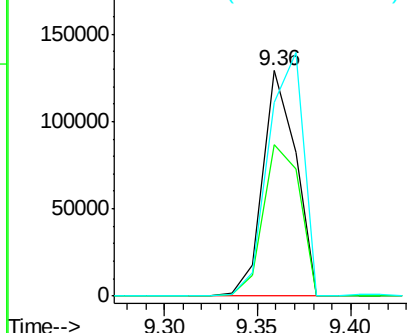


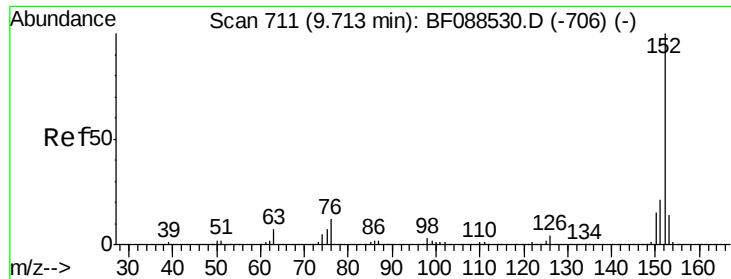
#47
2-Nitroaniline
Concen: 31.87 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	54.6	82.0
138	85.7	77.0	115.4



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





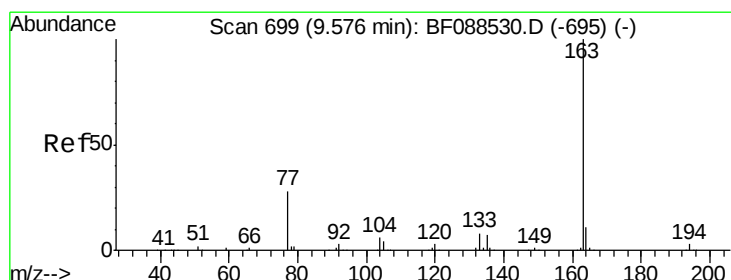
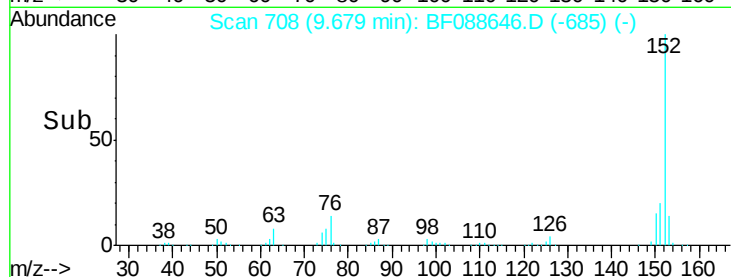
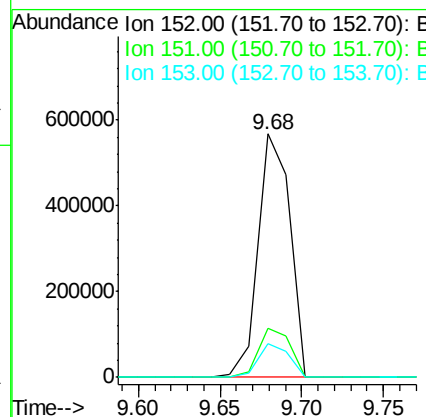
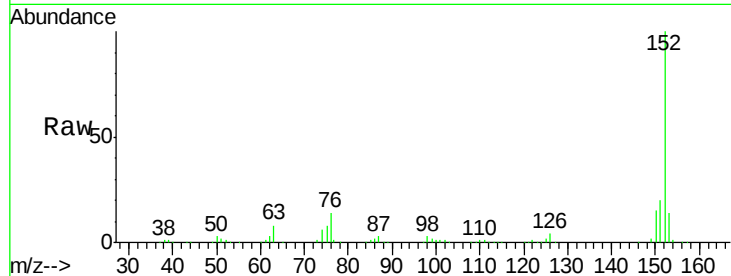
#48
Acenaphthylene
Concen: 34.51 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.6	11.0	16.6

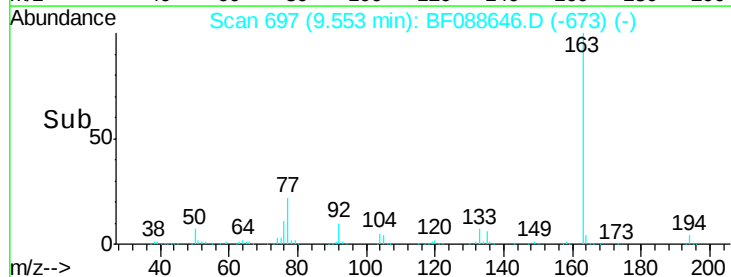
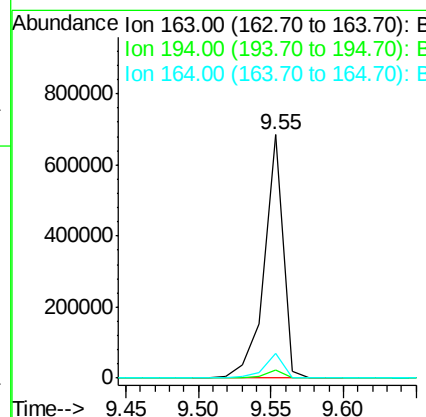
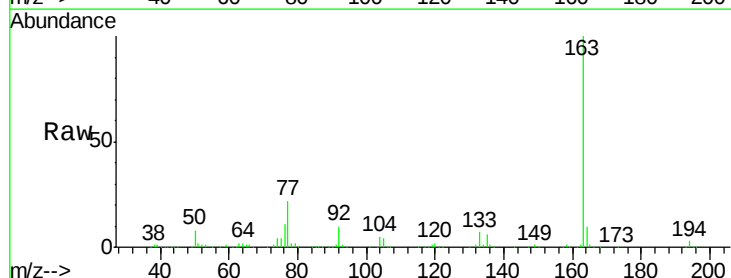
Manual Integrations

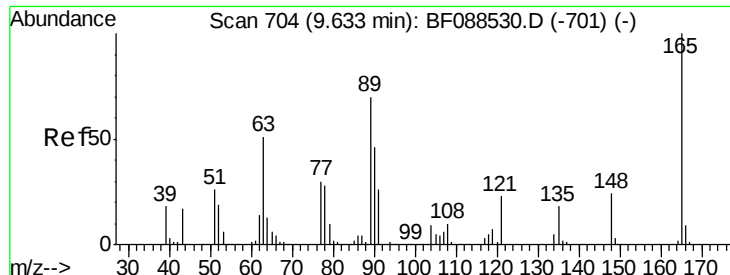
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#49
Dimethylphthalate
Concen: 39.92 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.4	8.3	12.5





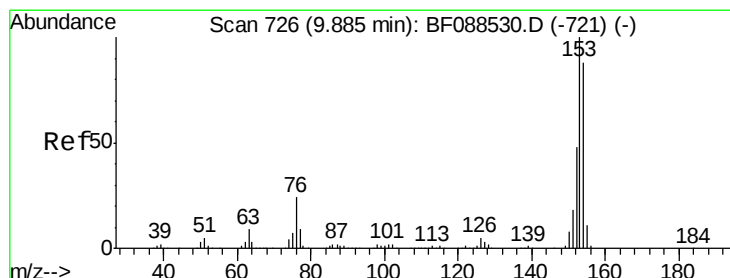
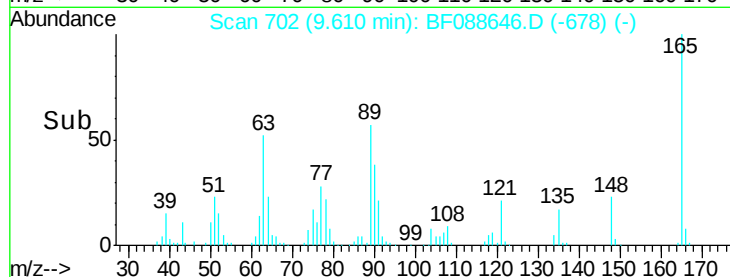
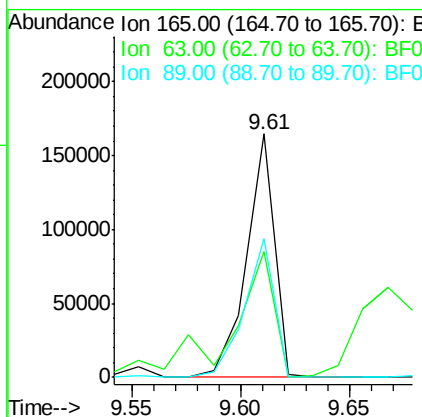
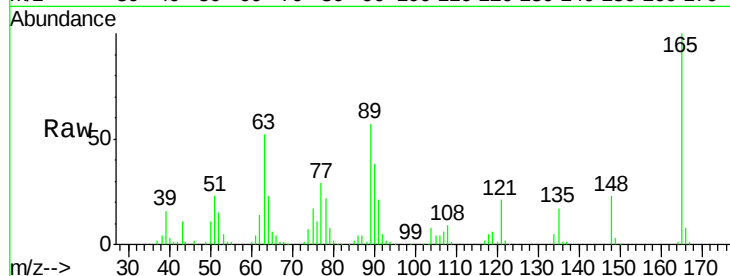
#50
2,6-Dinitrotoluene
Concen: 42.87 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.9	28.1	42.1#	
89	56.7	32.2	48.2#	

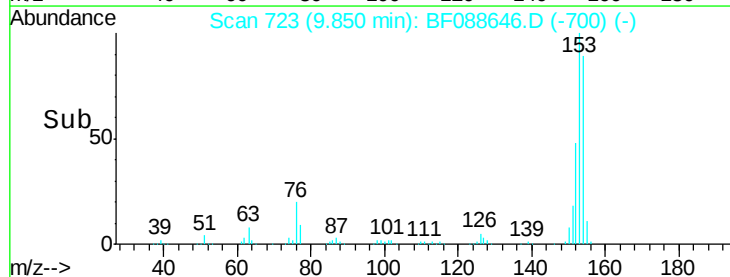
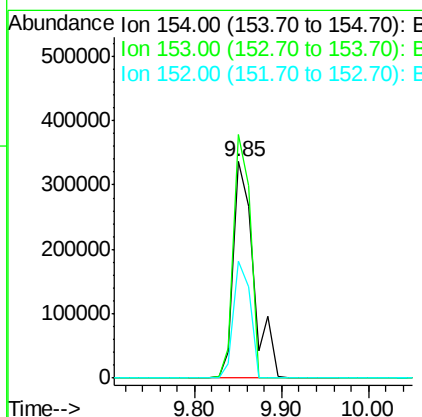
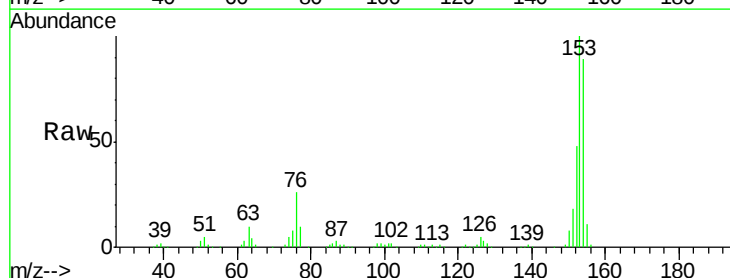
Manual Integrations

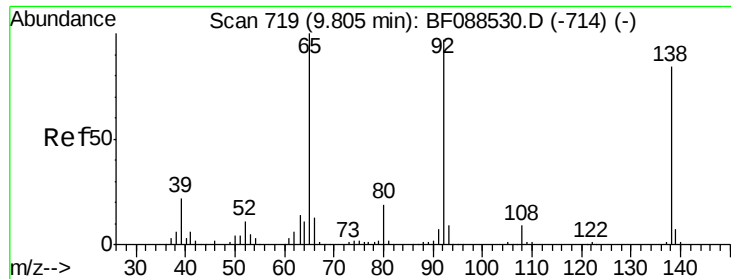
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#51
Acenaphthene
Concen: 39.74 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.5	89.5	134.3	
152	54.1	42.7	64.1	





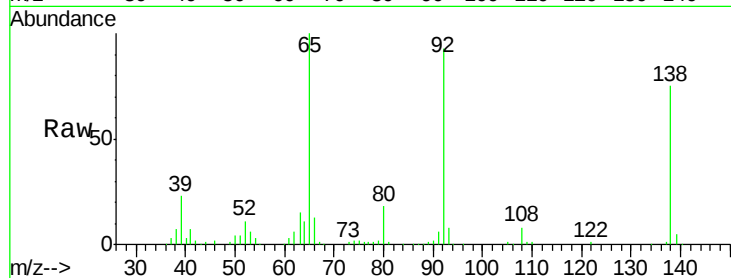
#52
3-Nitroaniline
Concen: 16.82 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

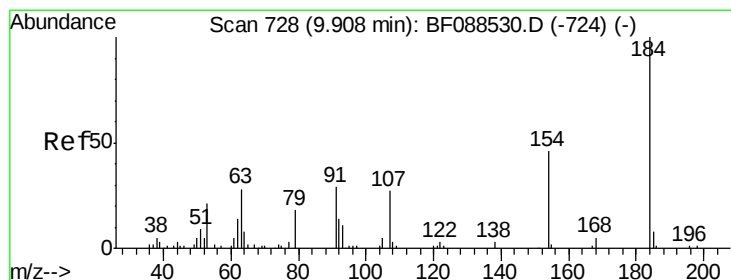
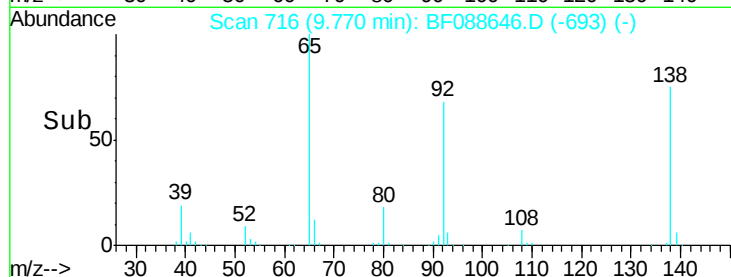
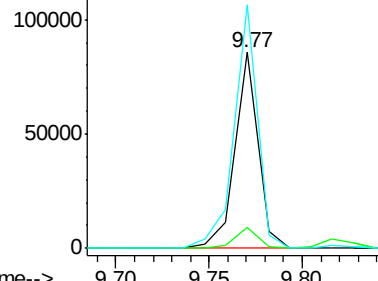
Tot Ion:138 Resp: 72763
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 124.2 95.7 143.5

Manual Integrations

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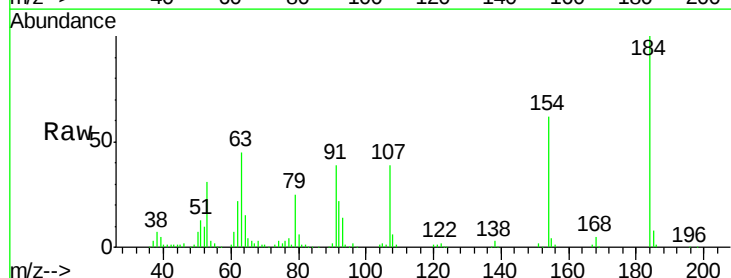


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

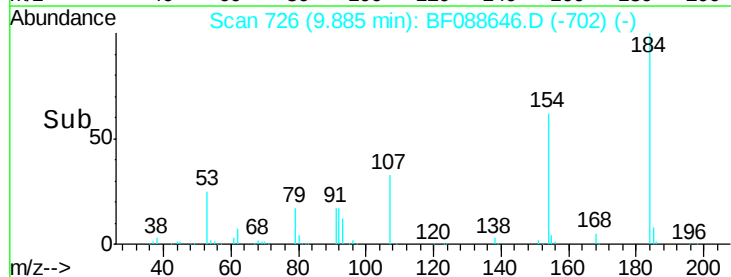
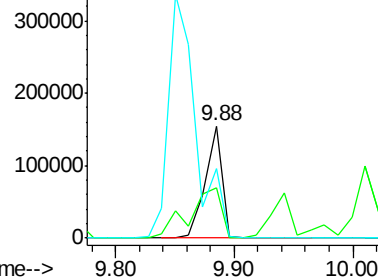


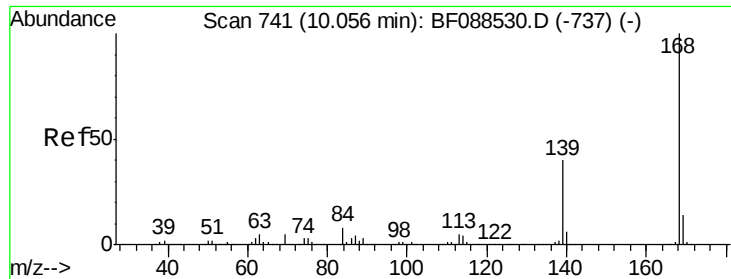
#53
2,4-Dinitrophenol
Concen: 102.24 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion:184 Resp: 153633
Ion Ratio Lower Upper
184 100
63 44.6 57.6 86.4#
154 62.2 53.5 80.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





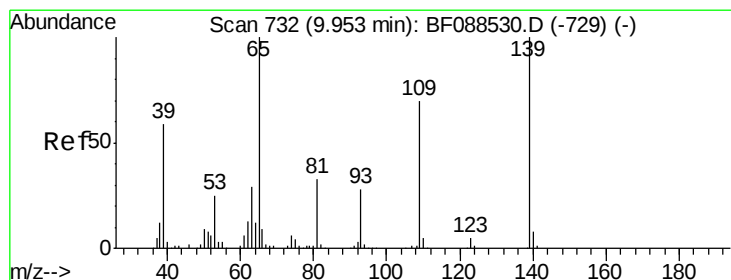
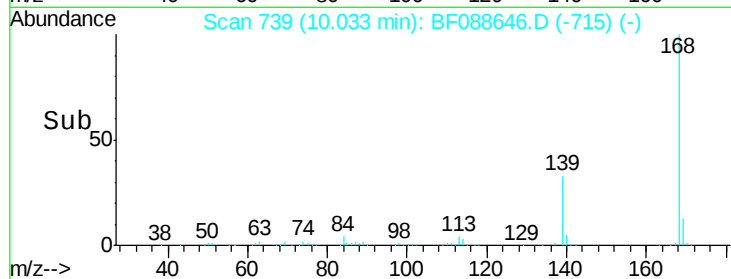
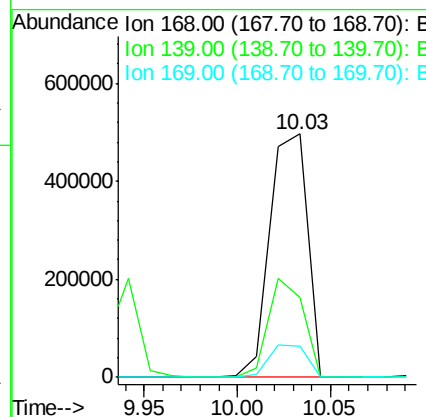
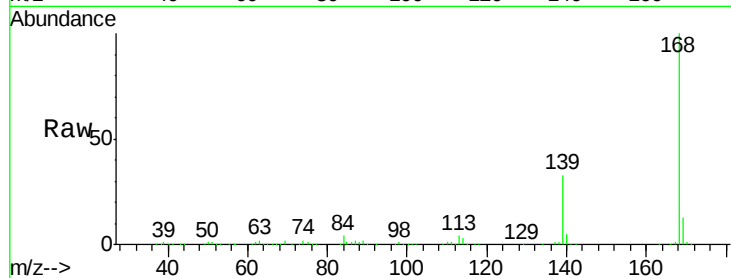
#54
Dibenzenofuran
Concen: 38.92 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	32.7	26.4	39.6
169	12.8	10.4	15.6

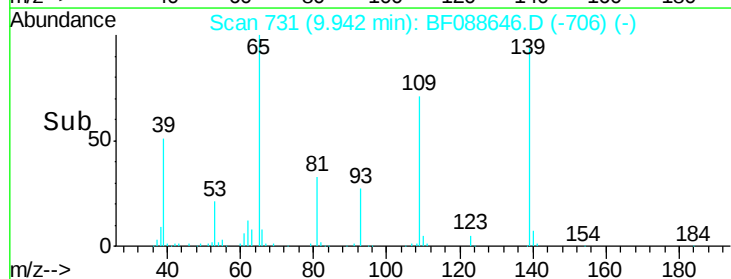
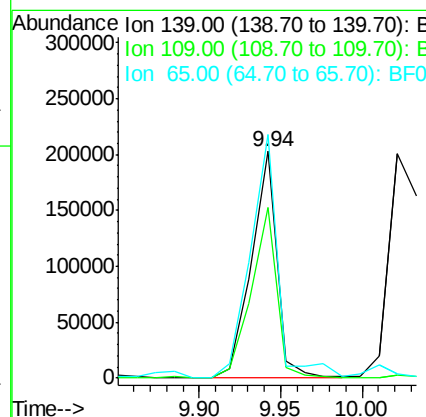
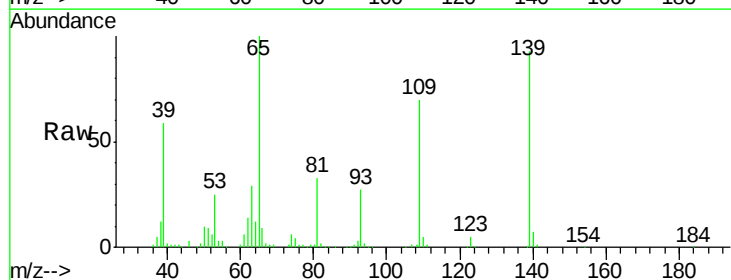
Manual Integrations

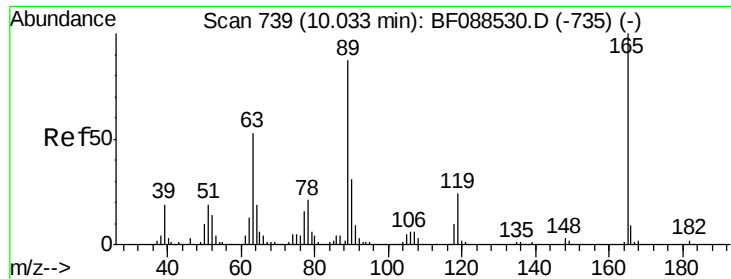
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#55
4-Nitrophenol
Concen: 67.30 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.5	48.9	88.9
65	107.4	84.9	124.9





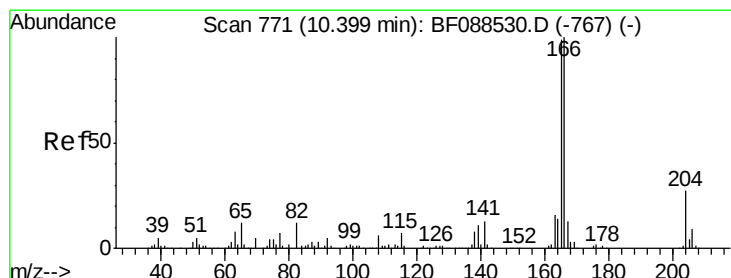
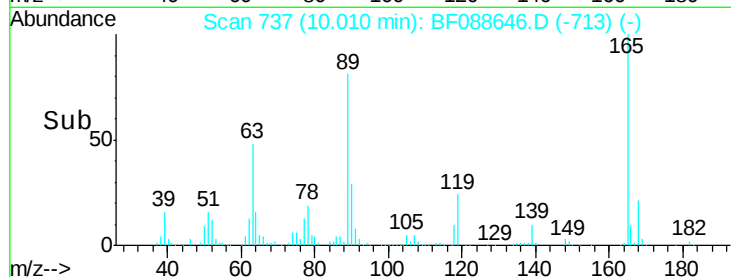
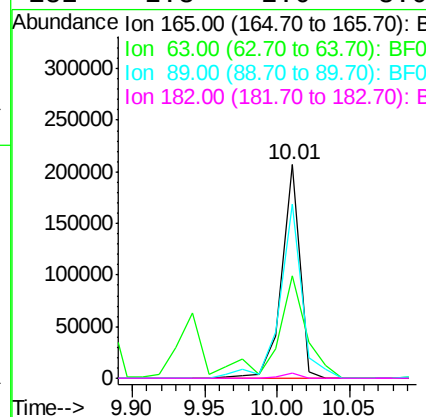
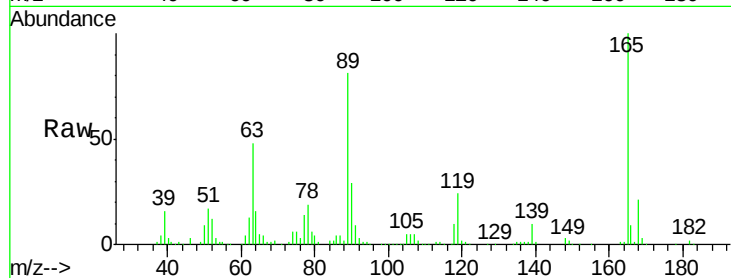
#56
2,4-Dinitrotoluene
Concen: 40.11 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	178474		
63	48.0	22.0	33.0#	
89	81.5	41.1	61.7#	
182	2.3	2.0	3.0	

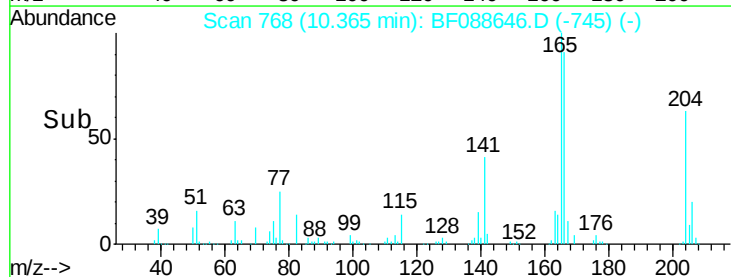
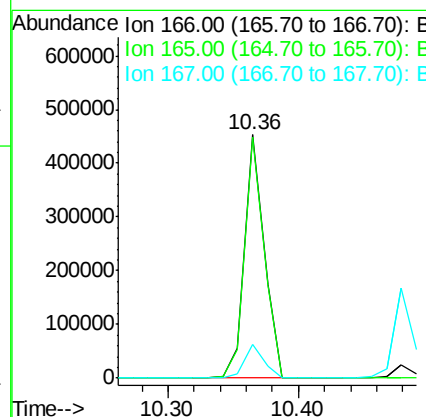
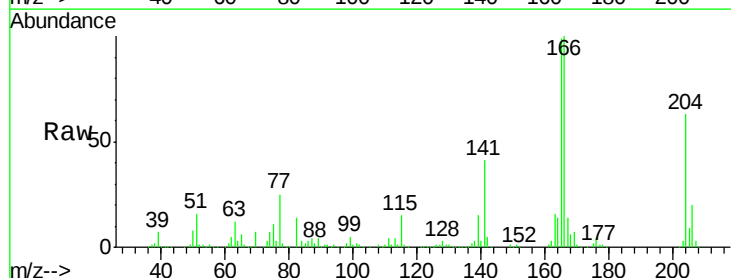
Manual Integrations

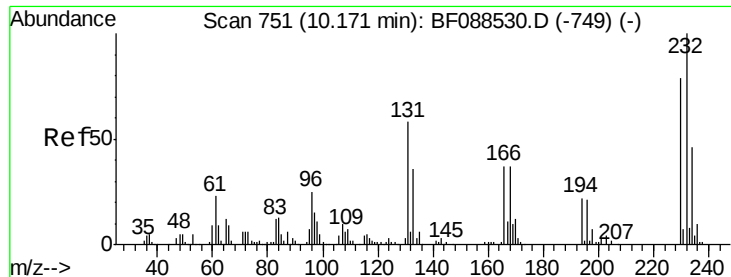
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#57
Fluorene
Concen: 34.21 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	471594		
165	99.1	77.8	116.8	
167	13.9	11.2	16.8	





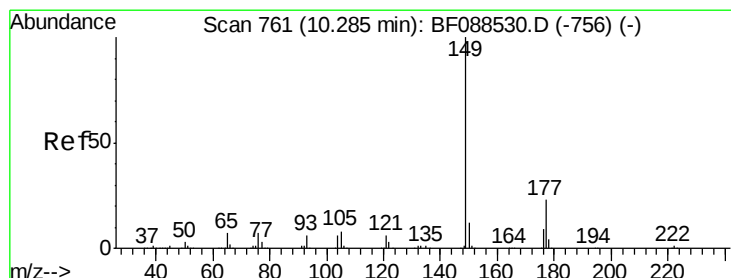
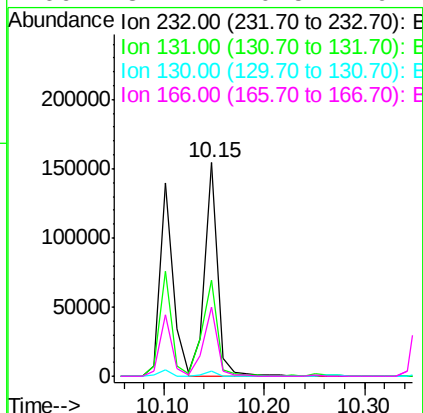
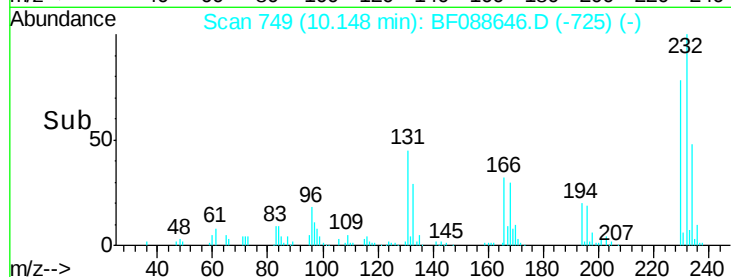
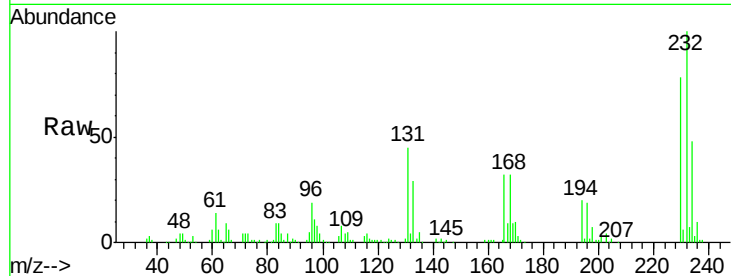
#58
2,3,4,6-Tetrachlorophenol
Concen: 44.35 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	139552		
131	51.4	0.9	1.3#	
130	2.4	1.5	2.3#	
166	34.2	0.5	0.7#	

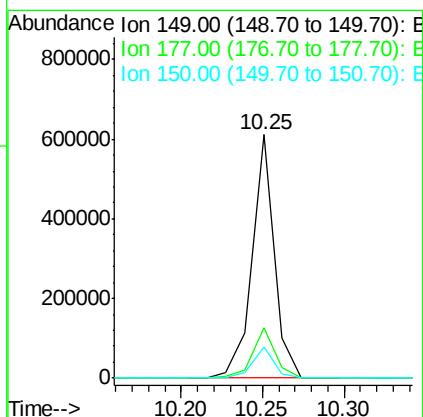
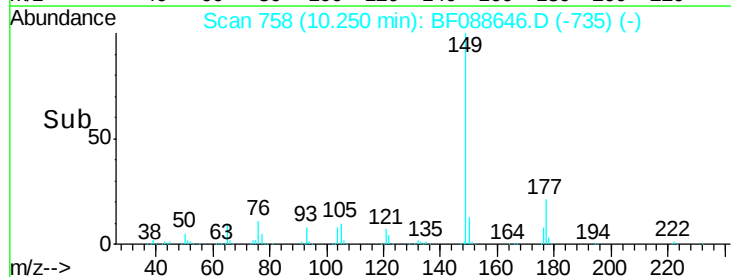
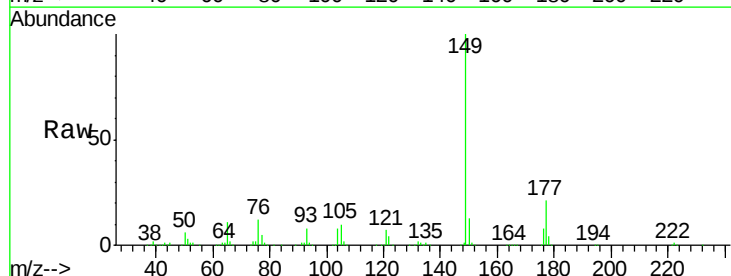
Manual Integrations

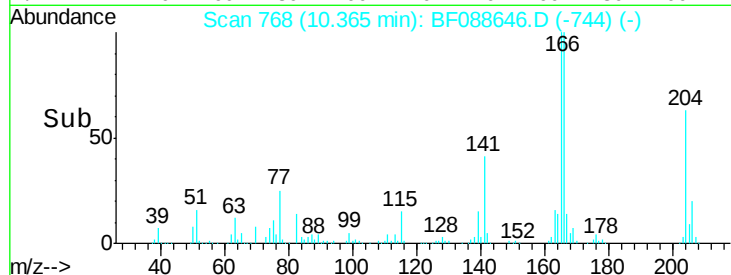
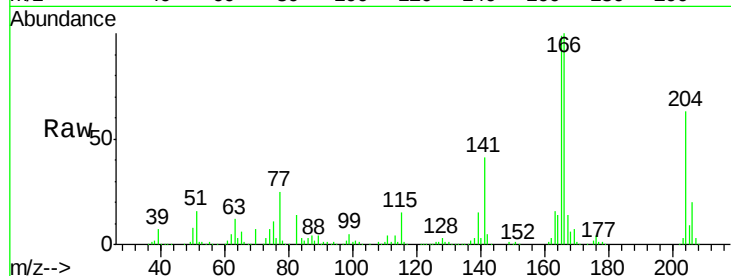
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#59
Diethylphthalate
Concen: 37.42 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	576629		
177	20.5	16.9	25.3	
150	12.8	10.1	15.1	





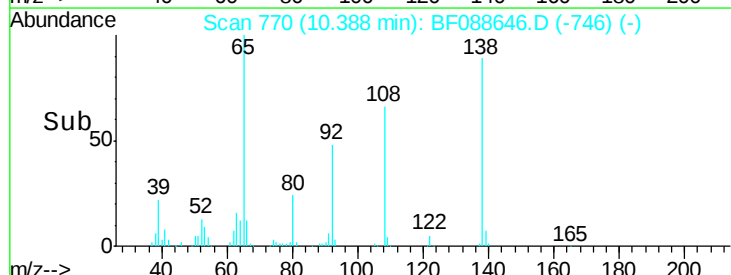
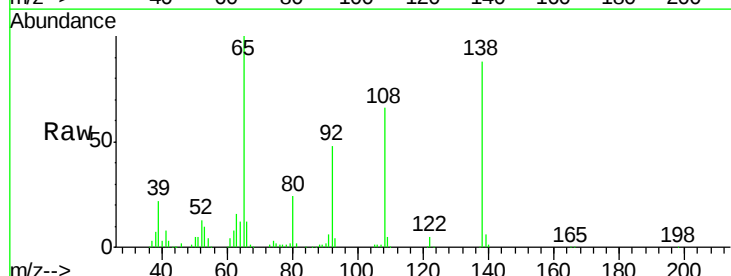
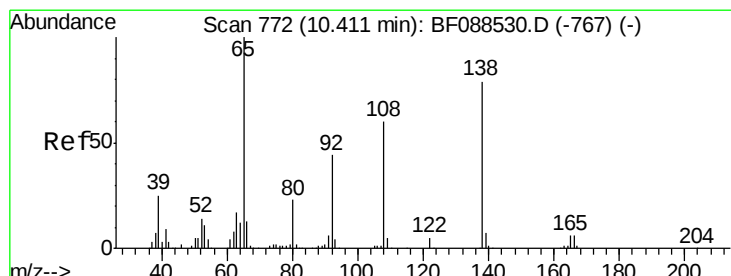
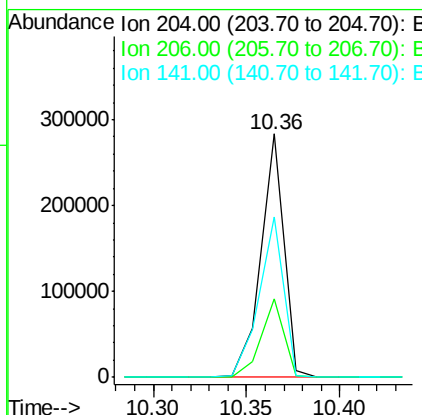
#60
4-Chlorophenyl-phenylether
Concen: 37.46 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.3	39.5
141	65.6	55.0	82.6

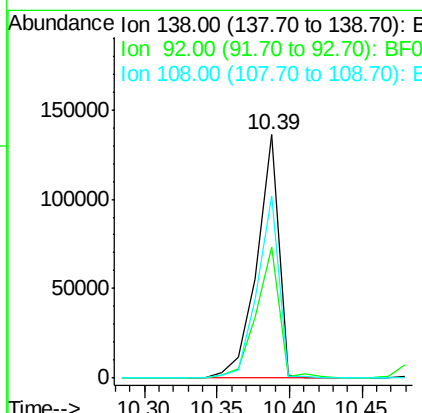
Manual Integrations

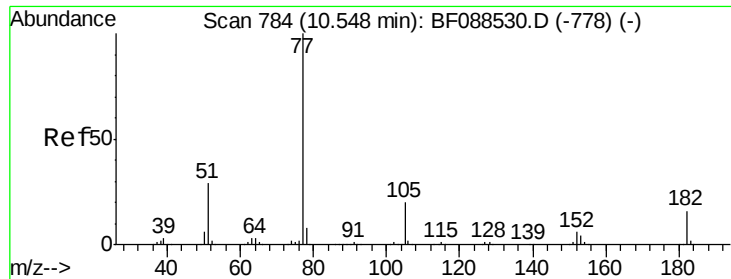
umangi
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#61
4-Nitroaniline
Concen: 34.21 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.0	27.3	67.3
108	74.9	46.7	86.7





#62

Azobenzene

Concen: 39.47 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF088646.D

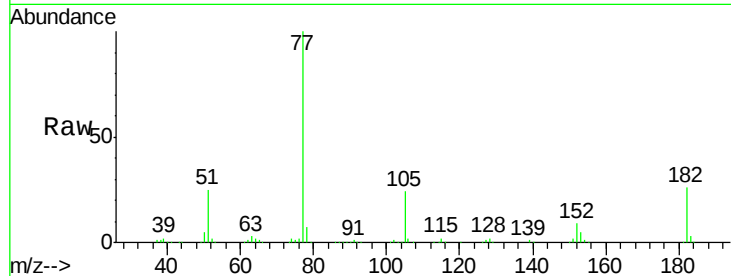
Acq: 3 Jul 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB91593BS

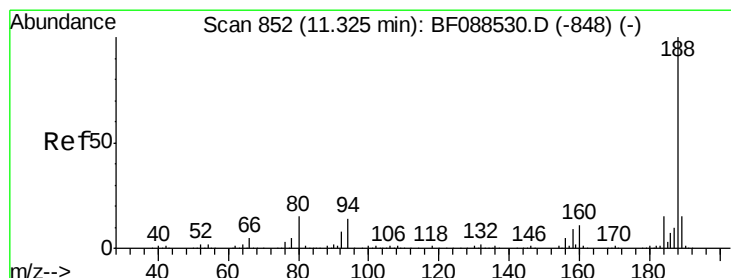
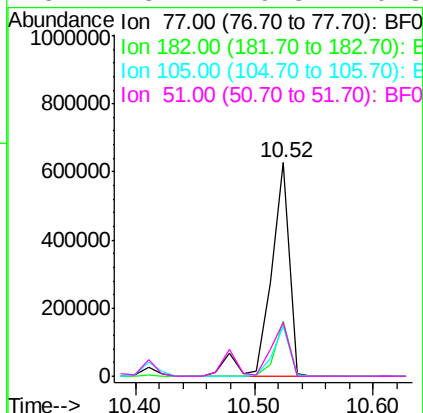
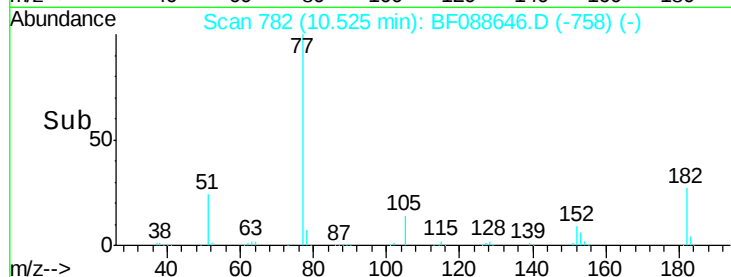


Tot Ion	77	Resp	693824
Ion Ratio	Lower	Upper	
77	100		
182	25.7	4.4	44.4
105	23.6	3.8	43.8
51	25.1	9.3	49.3

Manual Integrations

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#63

Phenanthrene-d10

Concen: 20.00 ng

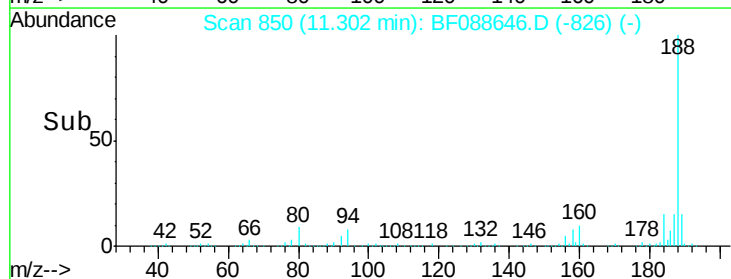
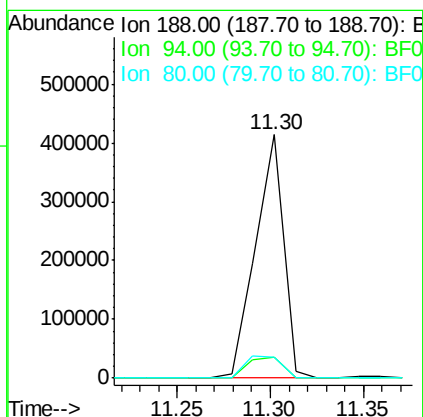
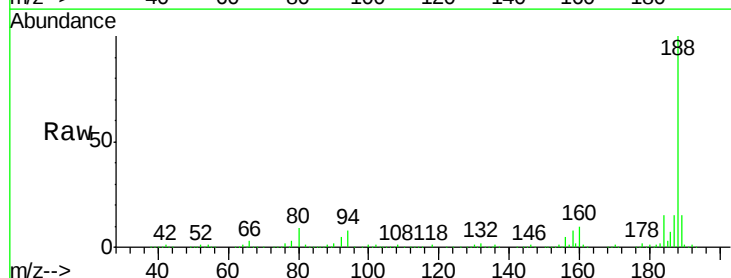
RT: 11.30 min Scan# 850

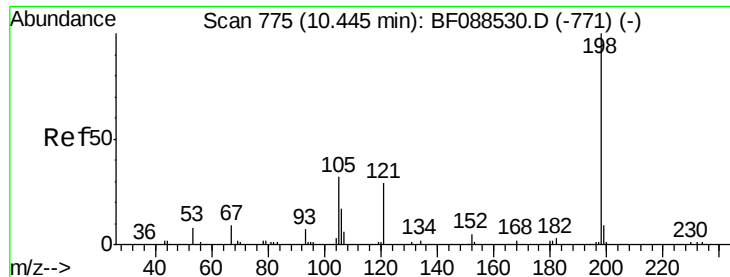
Delta R.T. -0.02 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

Tgt Ion	188	Resp	430371
Ion Ratio	Lower	Upper	
188	100		
94	8.5	9.0	13.6#
80	8.8	10.0	15.0#





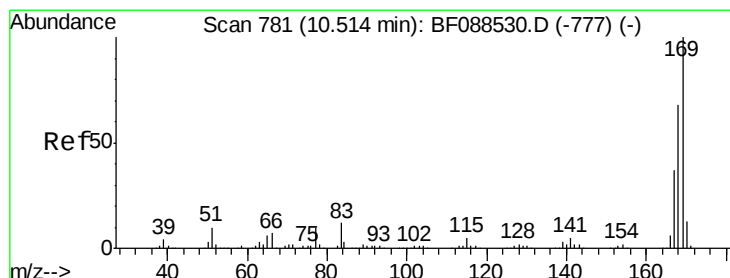
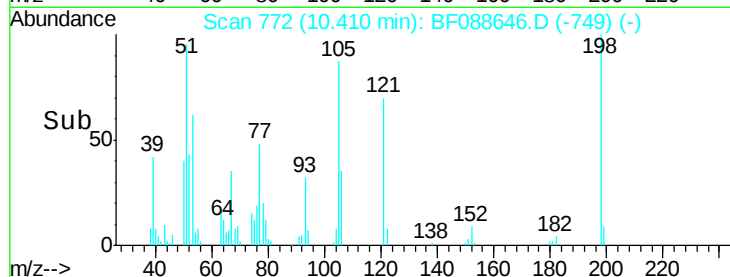
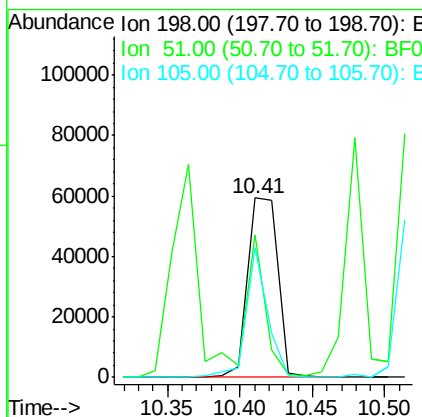
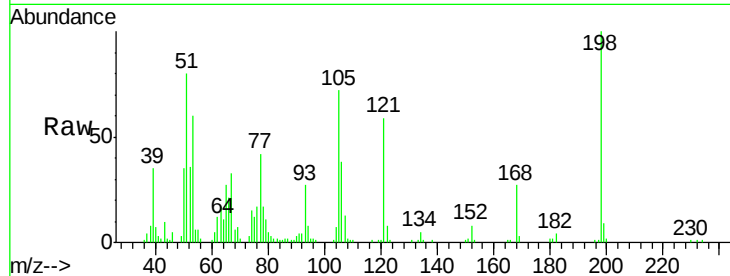
#64
4,6-Dinitro-2-methylphenol
Concen: 36.89 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampled :
PB91593BS

Tot Ion:198 Resp: 84907
Ion Ratio Lower Upper
198 100
51 79.6 39.6 79.6#
105 72.3 36.6 76.6

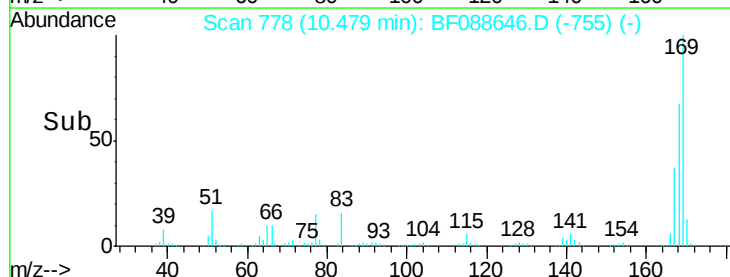
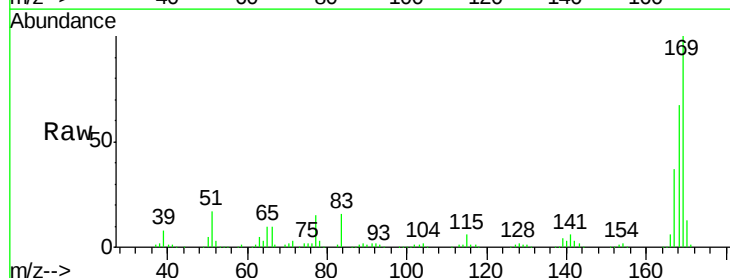
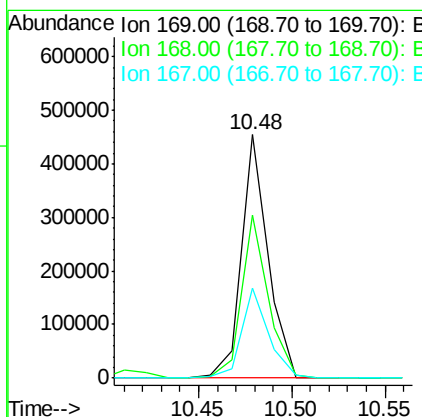
Manual Integrations

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#65
n-Nitrosodiphenylamine
Concen: 30.79 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion:169 Resp: 448475
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.0
167 37.0 29.4 44.0





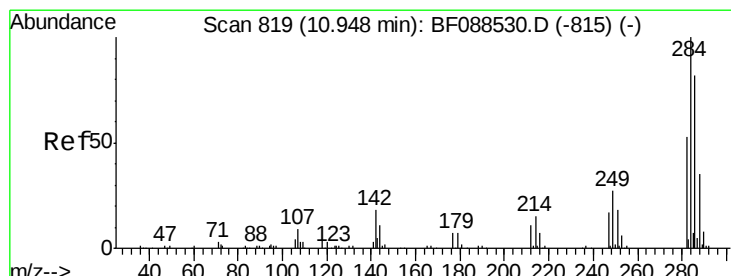
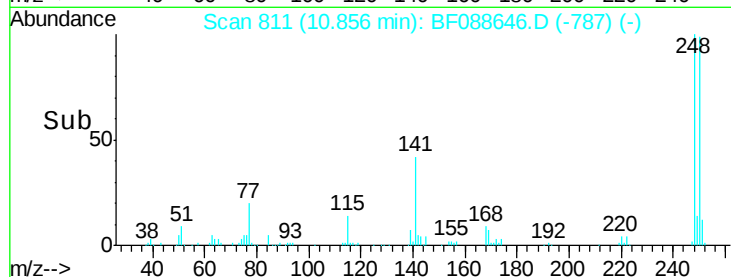
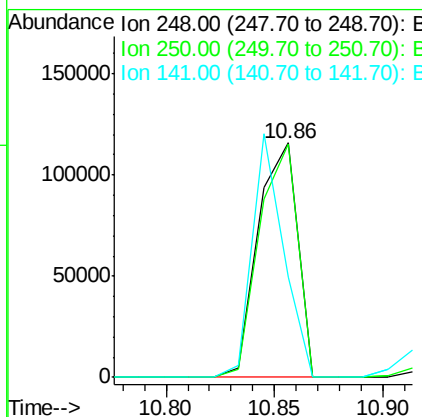
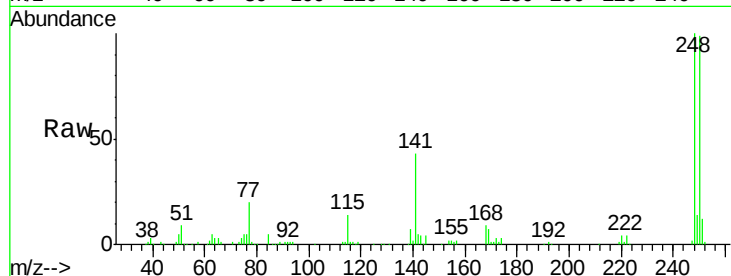
#66
4-Bromophenyl-phenylether
Concen: 33.95 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.4	77.1	115.7
141	42.8	50.6	76.0

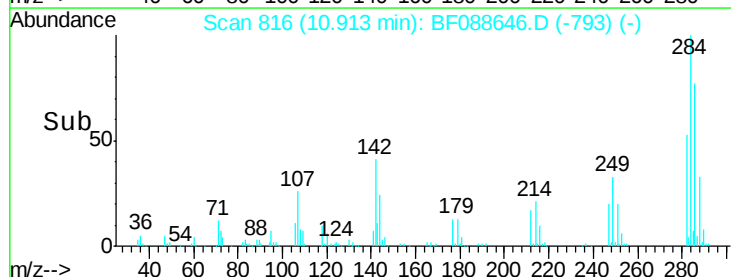
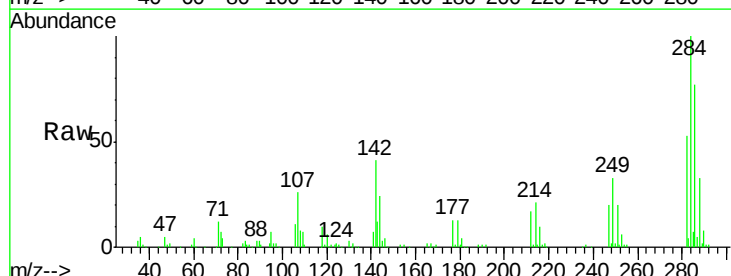
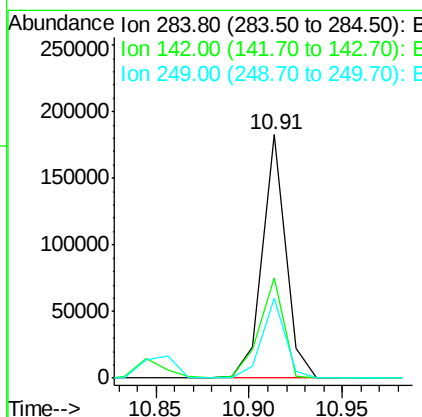
Manual Integrations

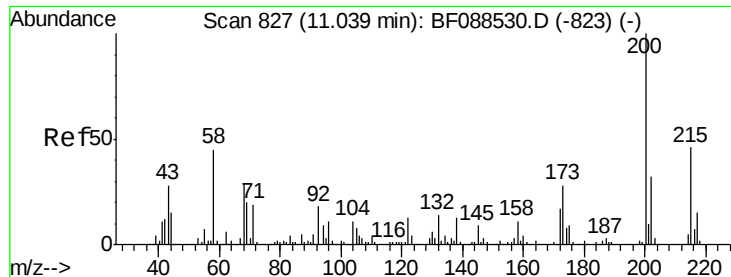
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#67
Hexachlorobenzene
Concen: 32.77 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.0	35.8	53.8
249	32.8	25.8	38.6





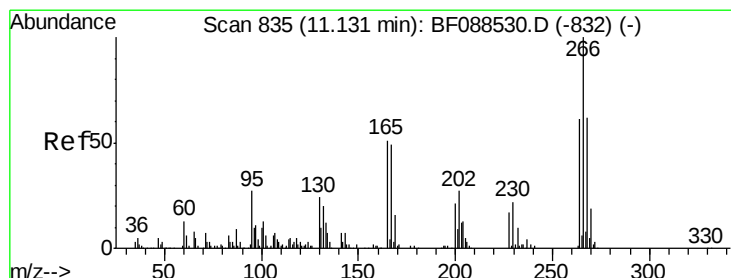
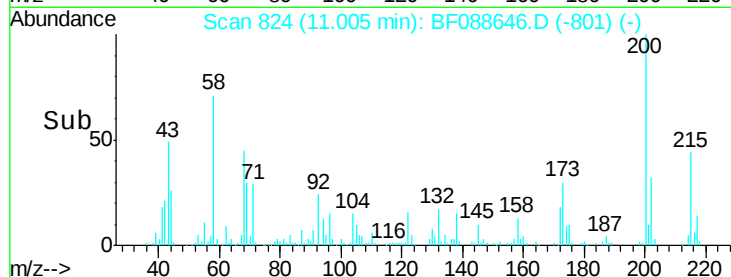
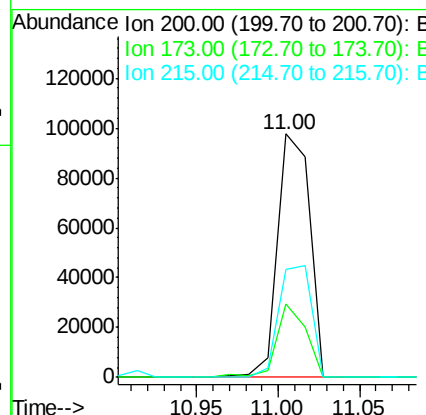
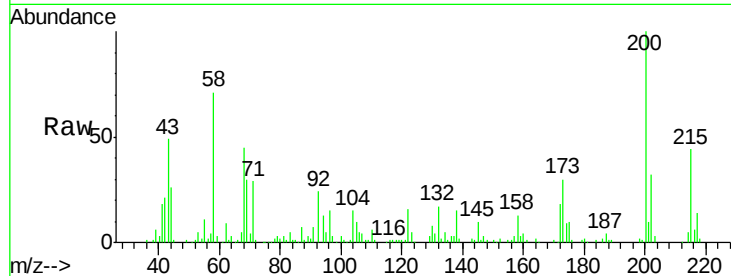
#68
Atrazine
Concen: 29.58 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.2	4.0	44.0
215	44.2	29.3	69.3

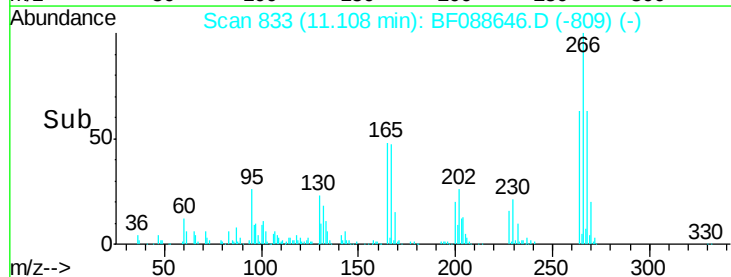
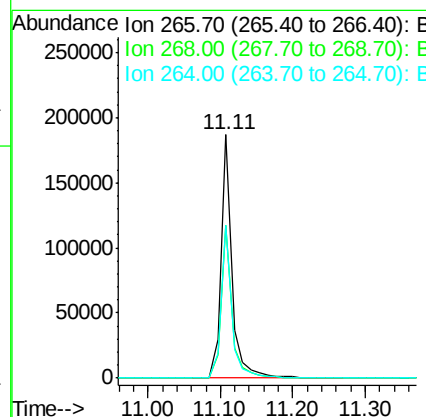
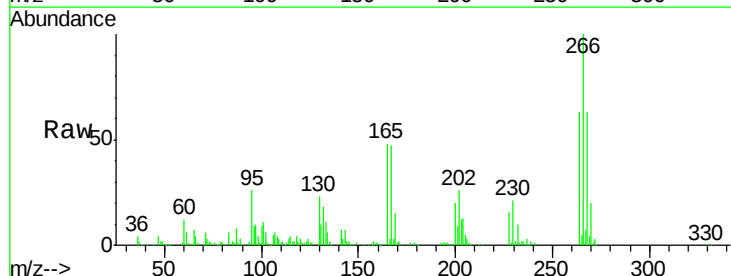
Manual Integrations

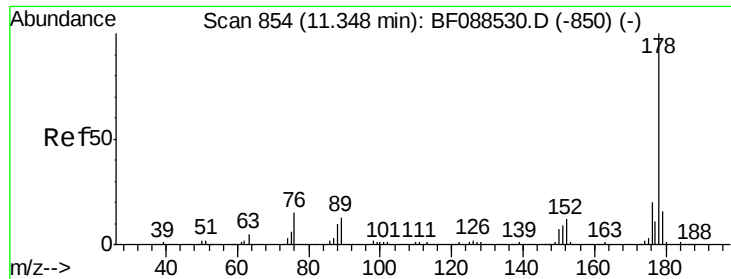
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#69
Pentachlorophenol
Concen: 68.43 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	52.8	79.2
264	62.7	49.6	74.4





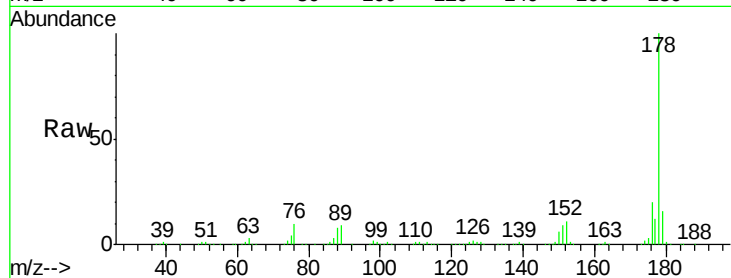
#70
Phenanthrene
Concen: 34.82 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

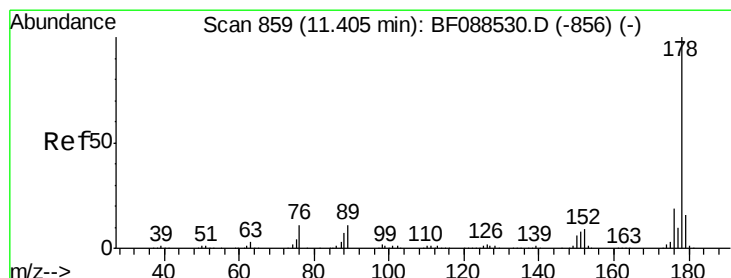
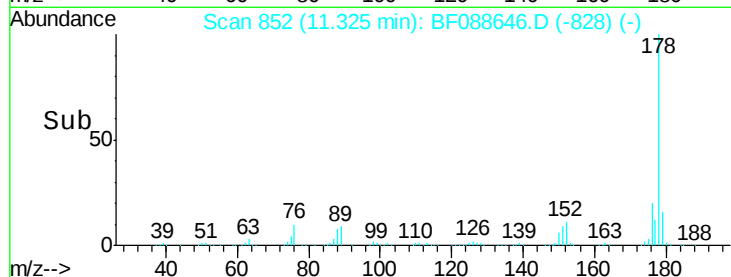
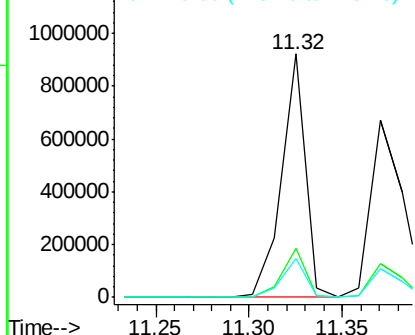
Tot Ion:178 Resp: 819184
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 15.8 13.0 19.4

Manual Integrations

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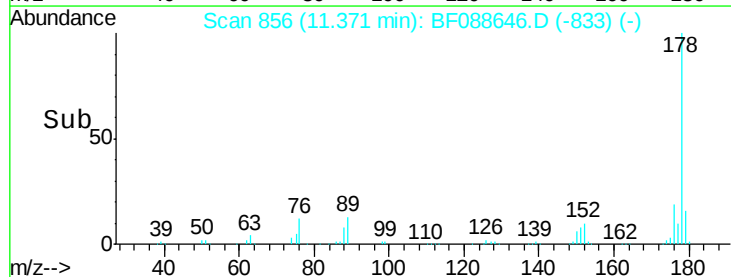
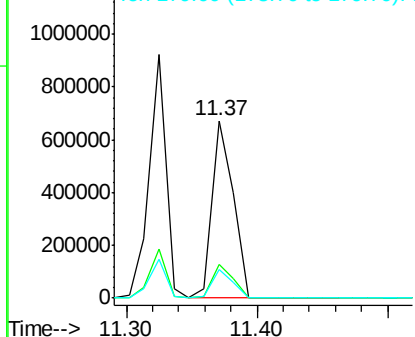
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

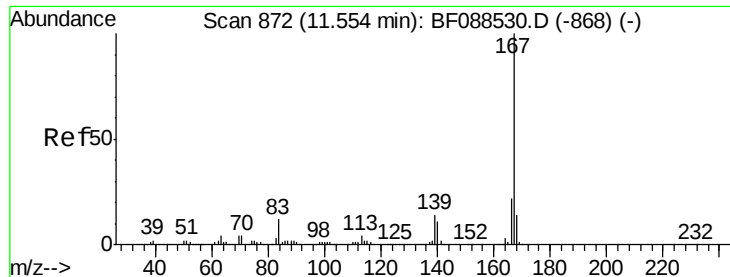


#71
Anthracene
Concen: 32.64 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion:178 Resp: 763448
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 16.1 12.8 19.2

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





#72

Carbazole

Concen: 36.21 ng

RT: 11.53 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB91593BS

Tot Ion:167 Resp: 797332

Ion Ratio Lower Upper

167 100

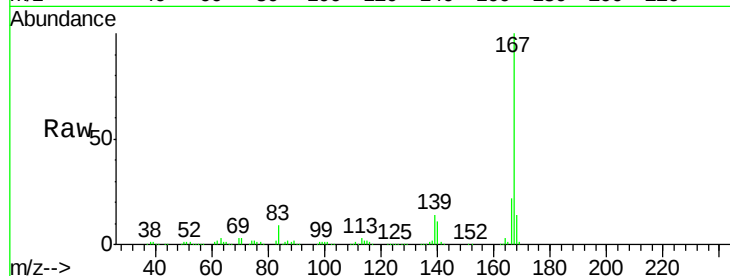
166 22.4 17.8 26.6

139 13.8 11.2 16.8

Manual Integrations

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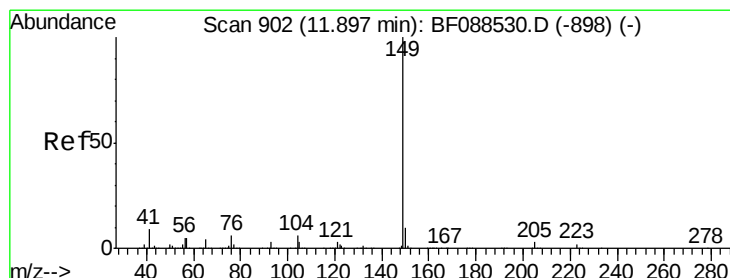
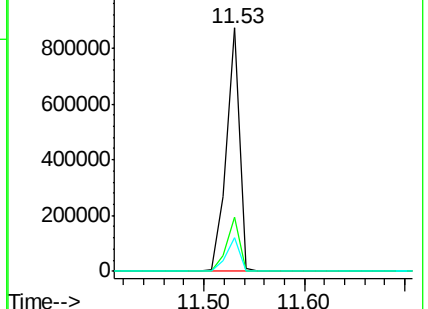
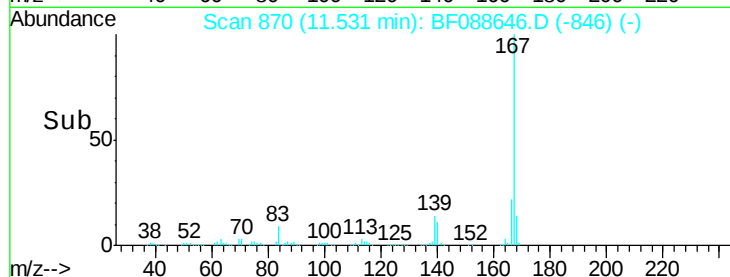
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 37.73 ng

RT: 11.87 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

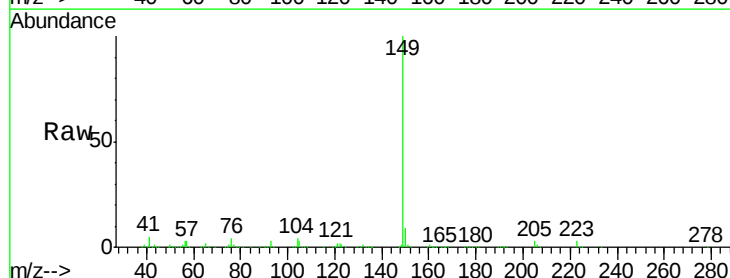
Tgt Ion:149 Resp: 966146

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

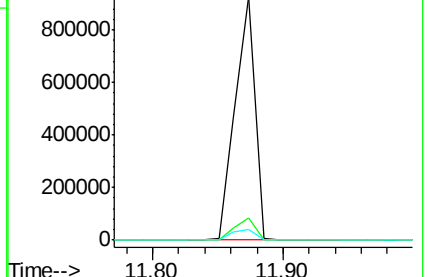
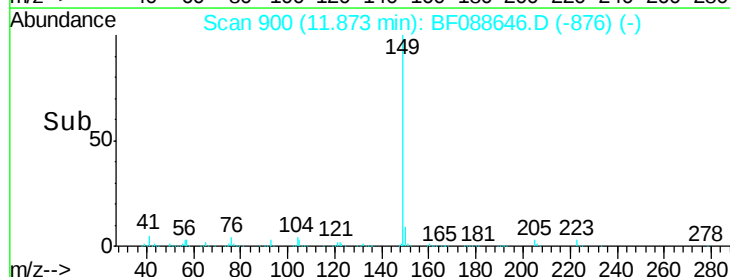
104 4.4 4.0 6.0

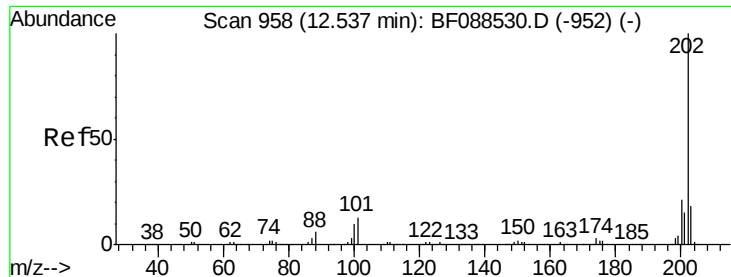


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





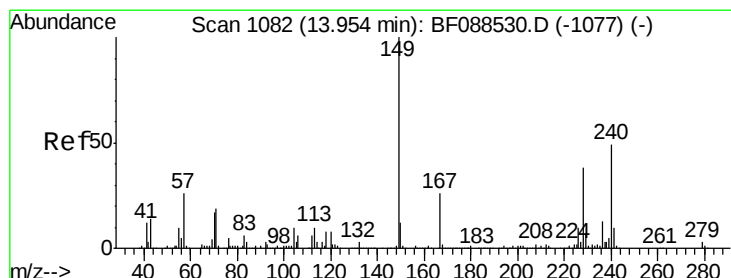
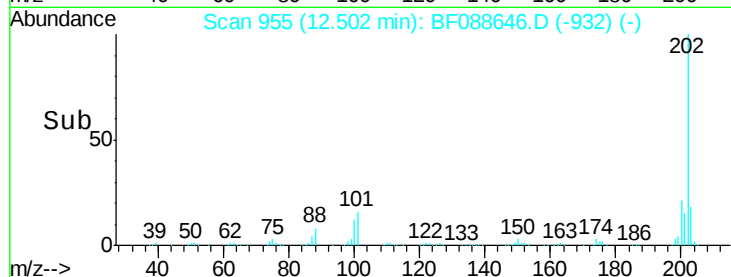
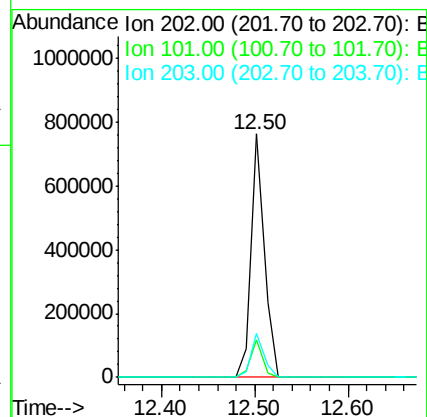
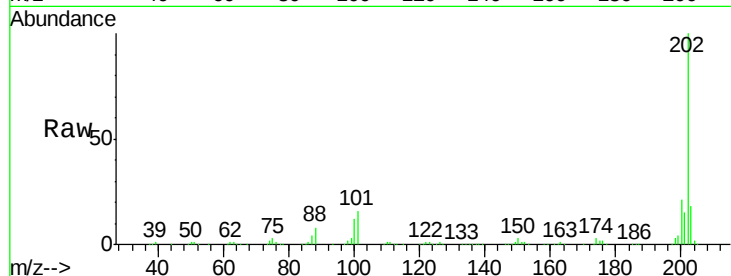
#74
Fluoranthene
 Concen: 31.47 ng
 RT: 12.50 min Scan# 955
 Delta R.T. -0.03 min
 Lab File: BF088646.D
 Acq: 3 Jul 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	750465		
101	15.6		0.0	33.1
203	18.3		0.0	38.1

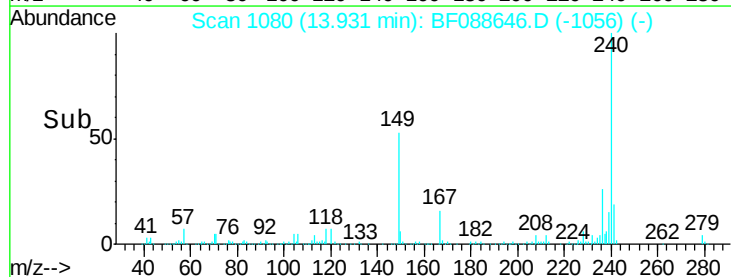
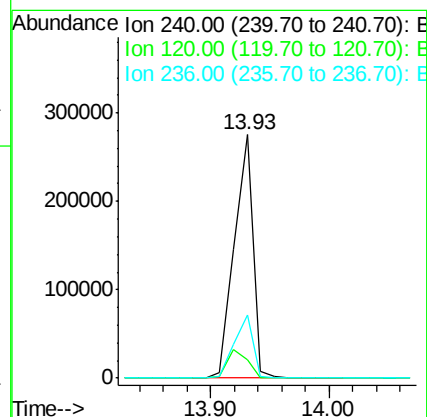
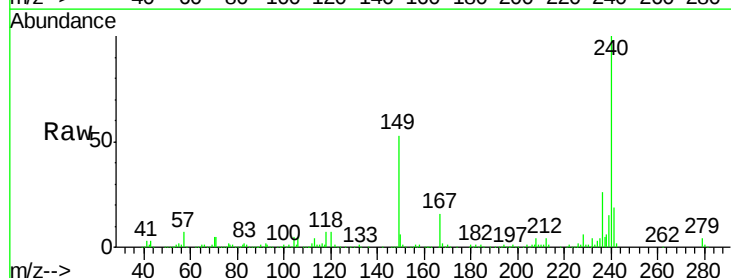
Manual Integrations

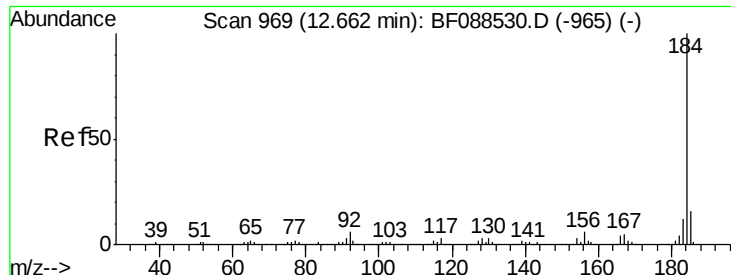
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF088646.D
 Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	300030		
120	7.3		6.8	10.2
236	25.8		20.2	30.2





#76

Benzidine

Concen: 11.81 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB91593BS

Tot Ion:184 Resp: 179129

Ion Ratio Lower Upper

184 100

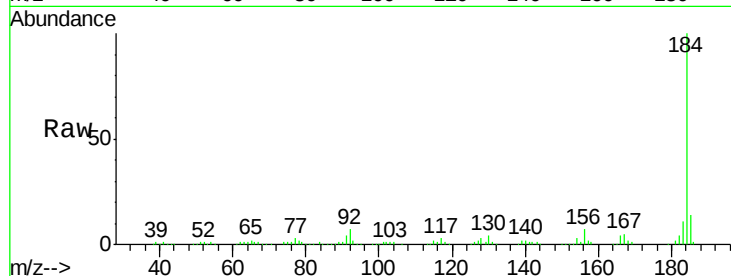
185 14.1 12.5 18.7

183 11.5 9.3 13.9

Manual Integrations

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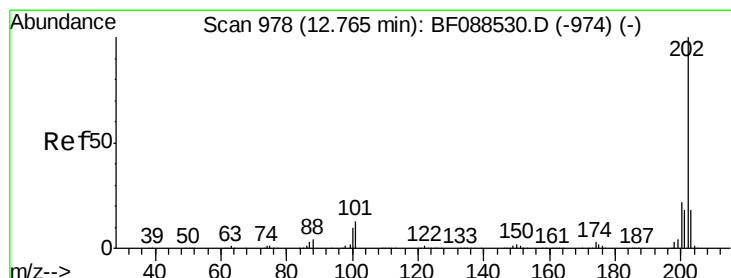
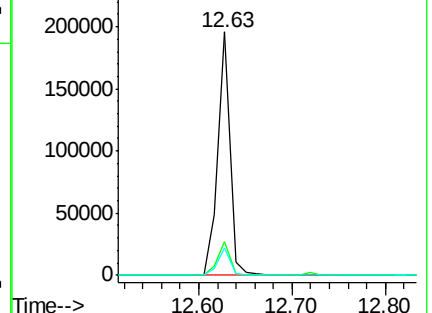
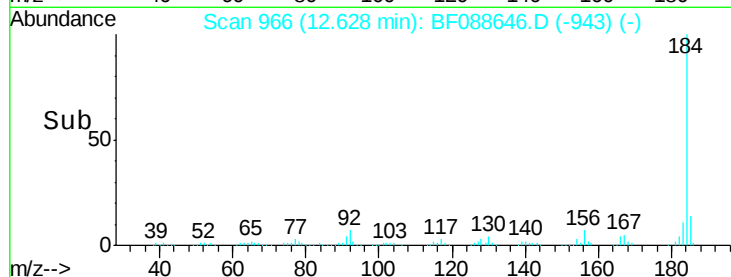
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 31.66 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.03 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

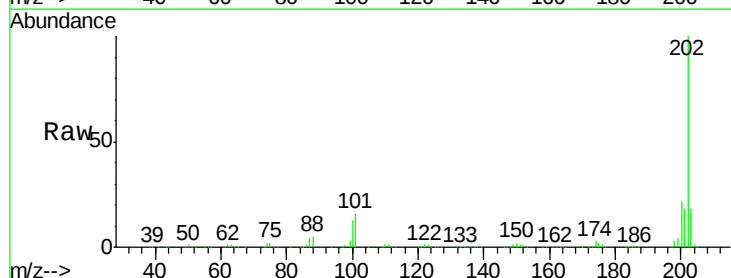
Tgt Ion:202 Resp: 805411

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

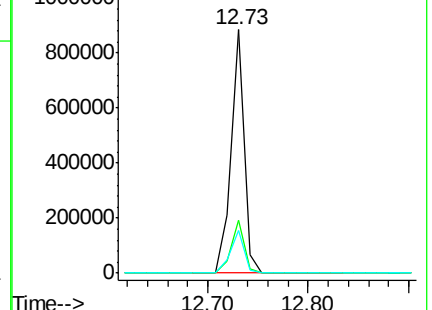
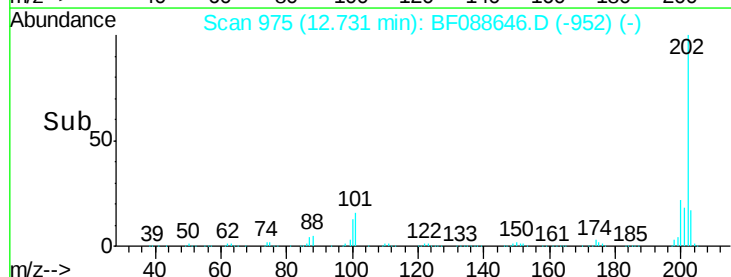
203 17.6 14.5 21.7

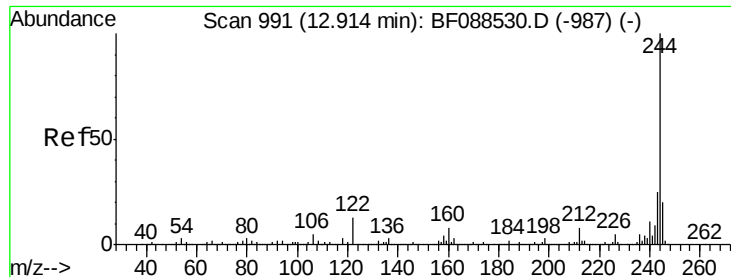


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





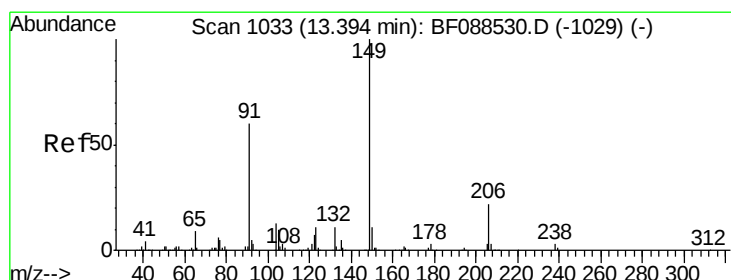
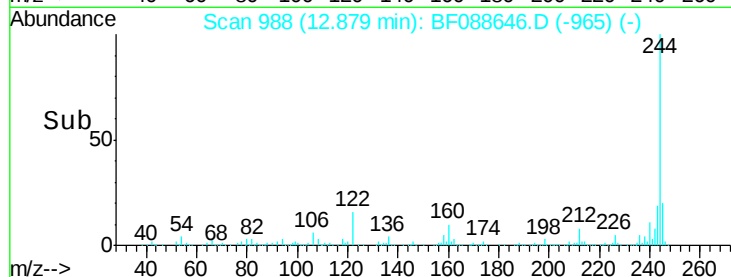
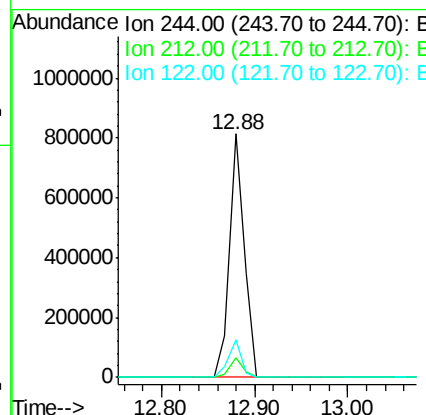
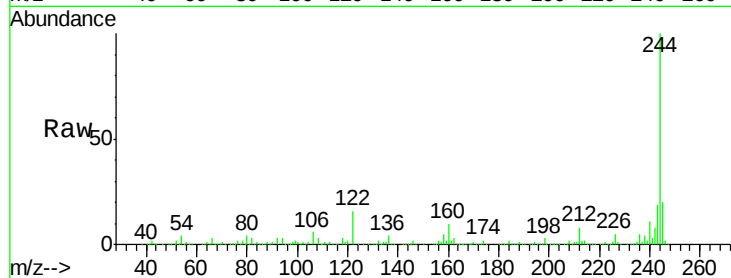
#78
 Terphenyl-d14
 Concen: 66.47 ng
 RT: 12.88 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF088646.D
 Acq: 3 Jul 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.0	9.0
122	15.5	11.2	16.8

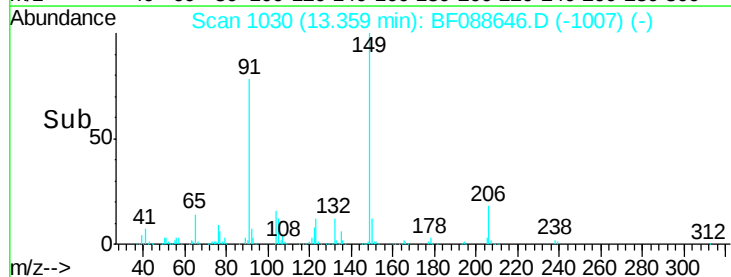
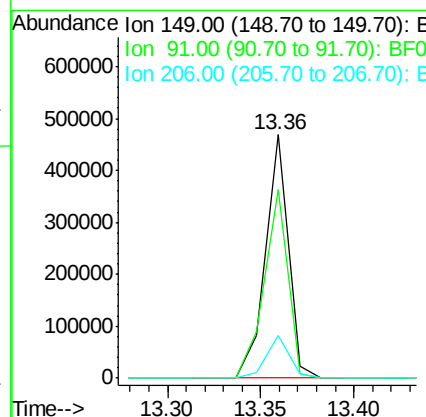
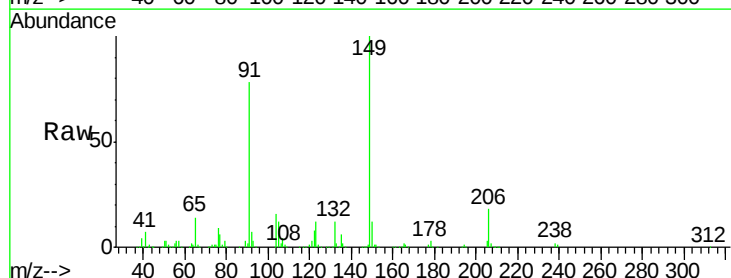
Manual Integrations

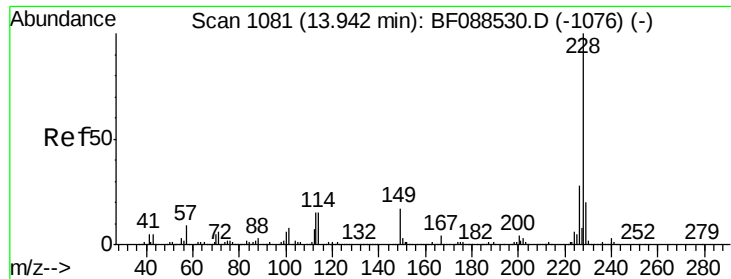
umangi
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#79
 Butylbenzylphthalate
 Concen: 34.74 ng
 RT: 13.36 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF088646.D
 Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.7	48.0	72.0#
206	17.8	16.0	24.0





#80

Benzo(a)anthracene

Concen: 34.94 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

Instrument :

BNA_F

ClientSampleId :

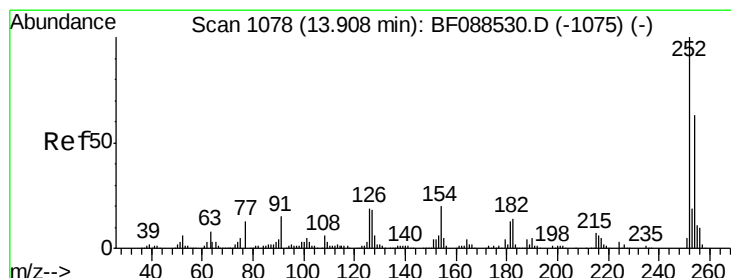
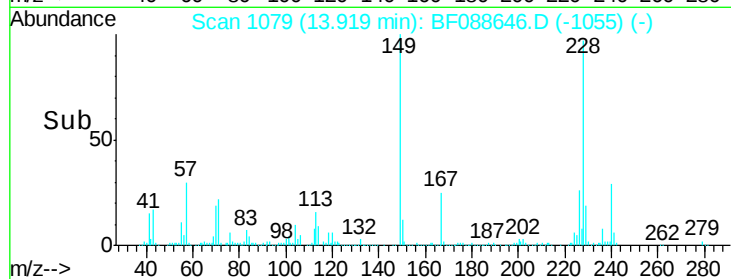
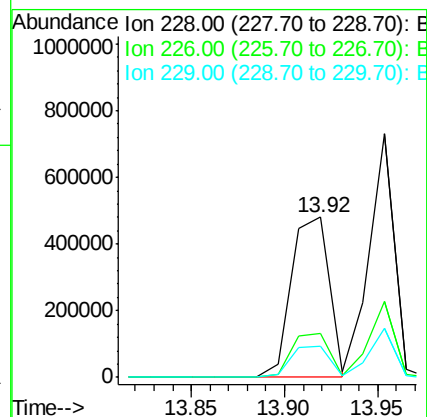
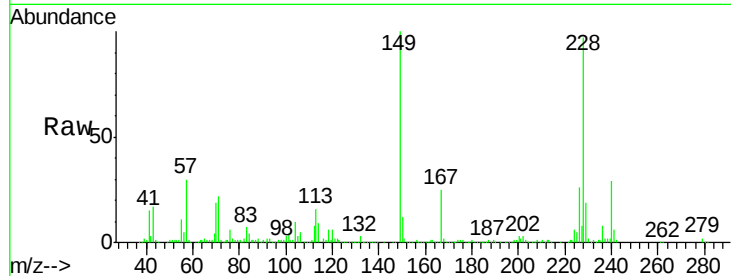
PB91593BS

Tot Ion:	228	Resp:	675025
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.3	33.5
229	19.2	16.0	24.0

Manual Integrations

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#81

3,3'-Dichlorobenzidine

Concen: 17.14 ng

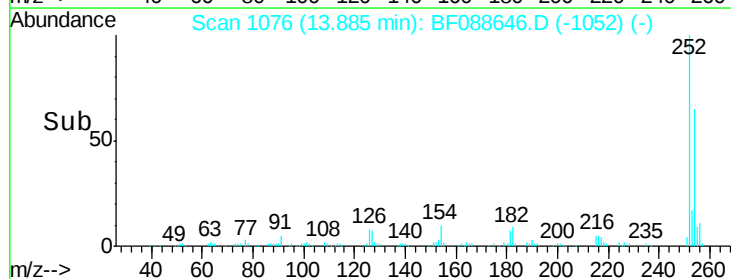
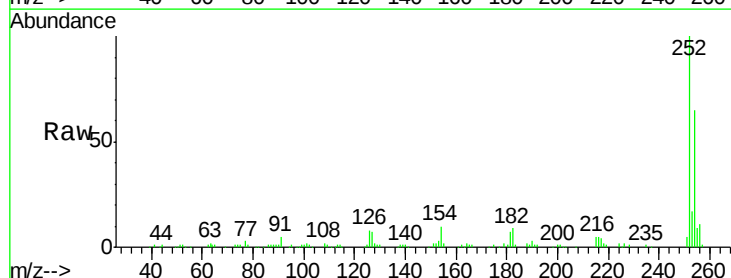
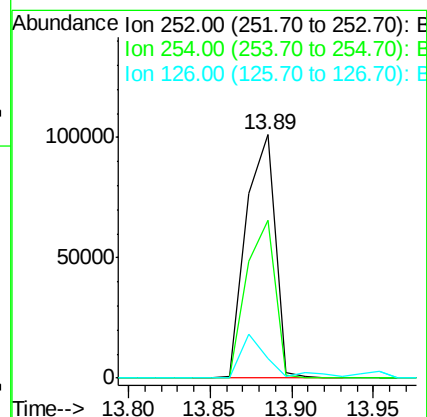
RT: 13.89 min Scan# 1076

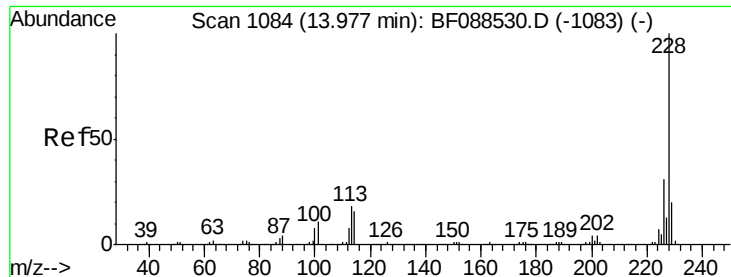
Delta R.T. -0.02 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

Tgt Ion:	252	Resp:	124470
Ion Ratio	Lower	Upper	
252	100		
254	64.9	52.6	78.8
126	7.9	6.2	9.2





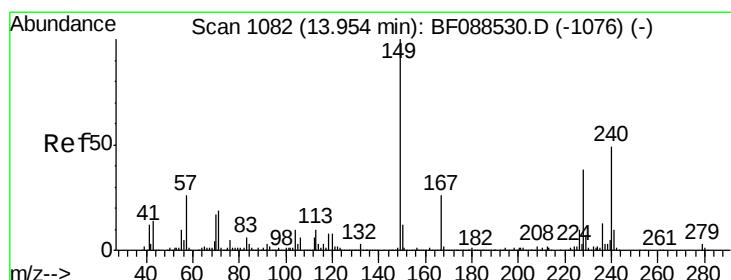
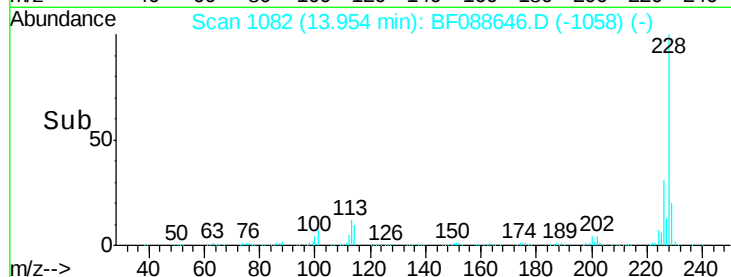
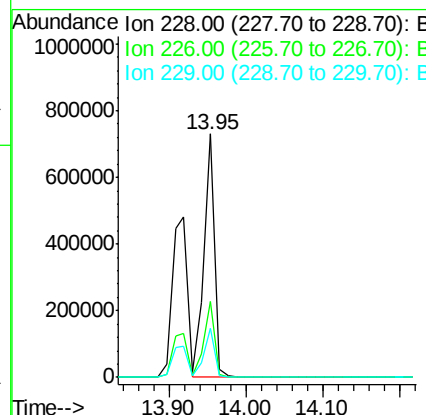
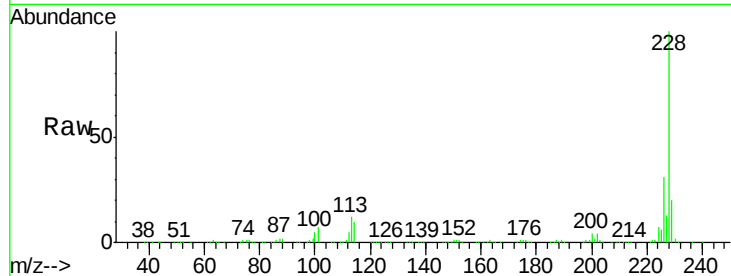
#82
Chrysene
Concen: 35.67 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleID :
PB91593BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.2
229	19.9	16.3	24.5

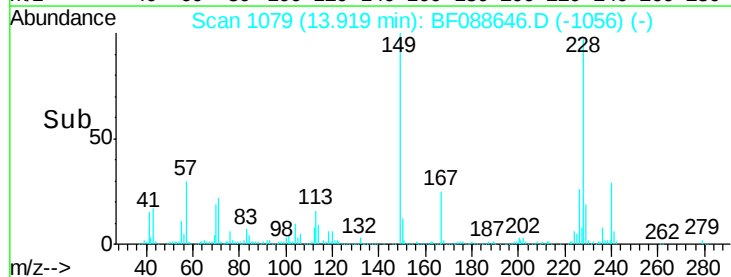
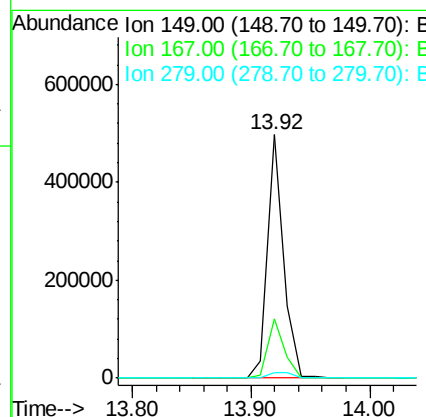
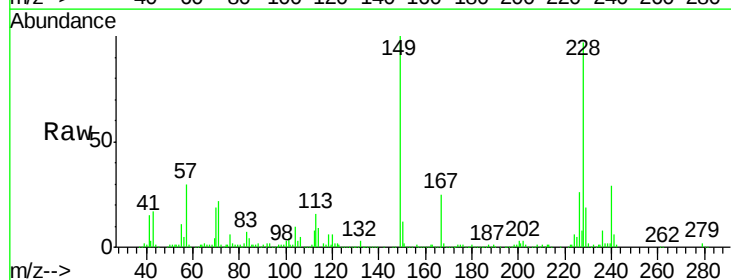
Manual Integrations

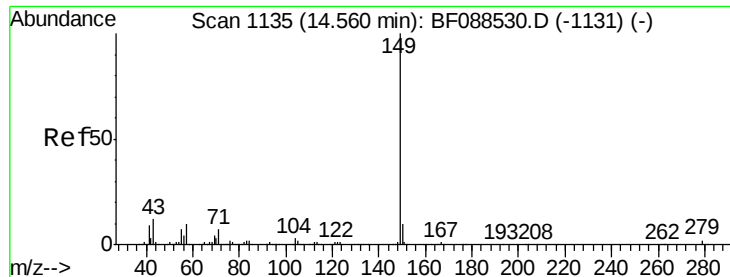
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#83
Bis(2-ethylhexyl)phthalate
Concen: 36.31 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.5	30.7
279	2.3	2.0	3.0





#84

Di-n-octyl phthalate

Concen: 40.28 ng

RT: 14.53 min Scan# 1132

Delta R.T. -0.03 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB91593BS

Tot Ion:149 Resp: 886580

Ion Ratio Lower Upper

149 100

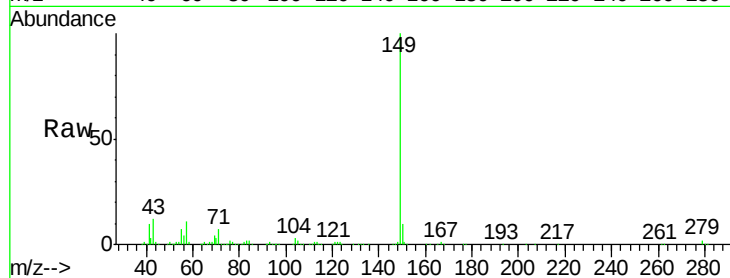
167 1.5 0.0 0.0#

43 9.4 0.0 0.0#

Manual Integrations

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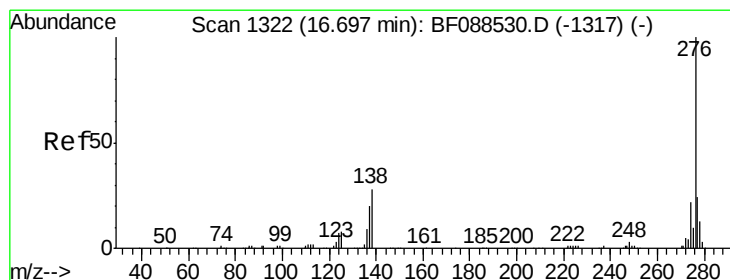
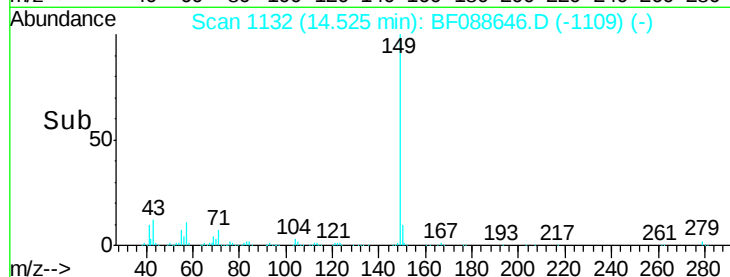
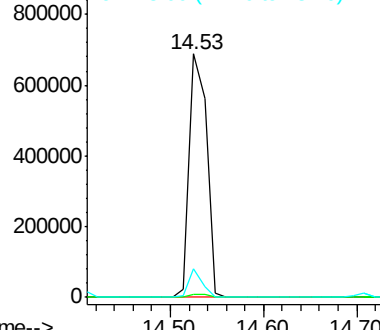
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.14 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.05 min

Lab File: BF088646.D

Acq: 3 Jul 2016 13:37

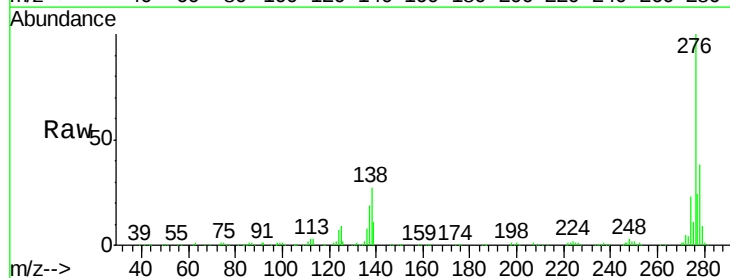
Tgt Ion:276 Resp: 531516

Ion Ratio Lower Upper

276 100

138 29.8 0.0 0.0#

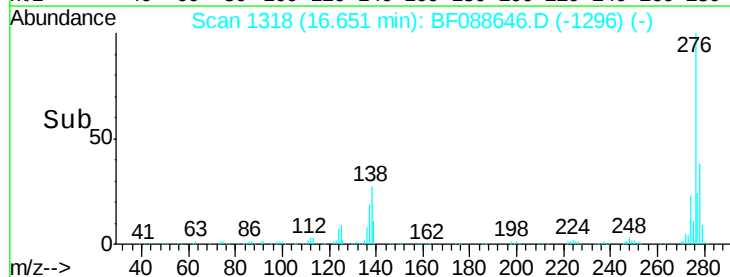
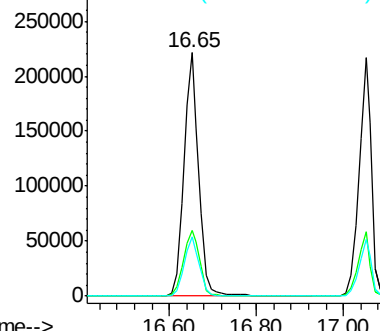
277 25.0 0.0 0.0#

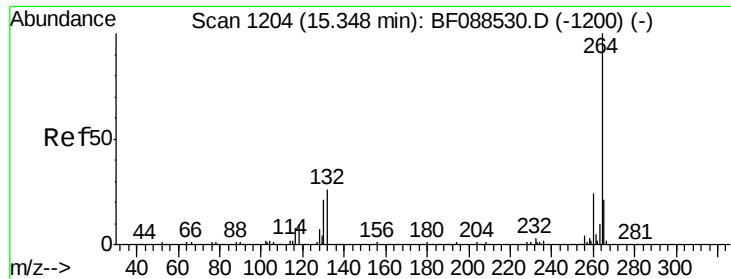


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





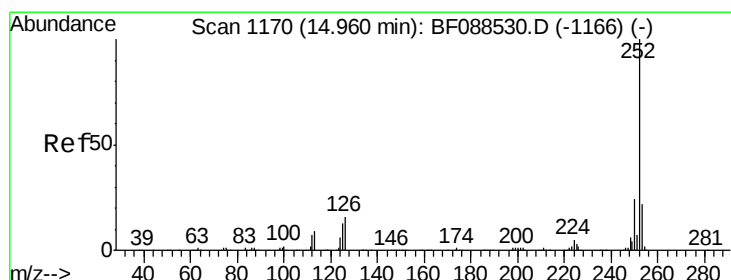
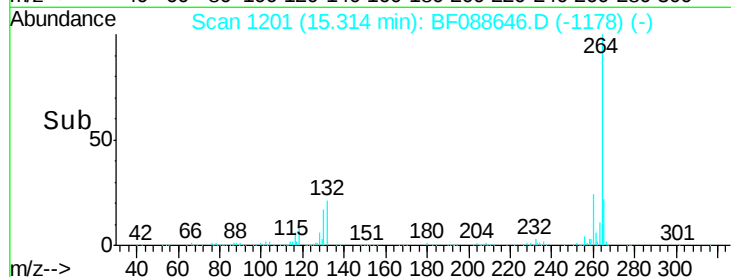
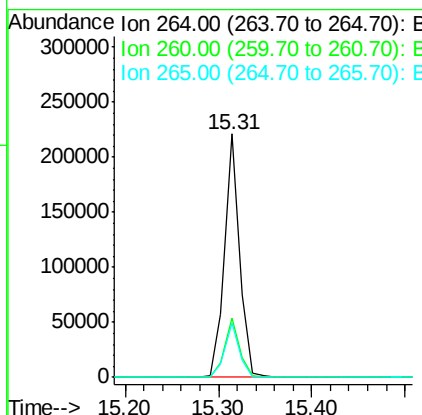
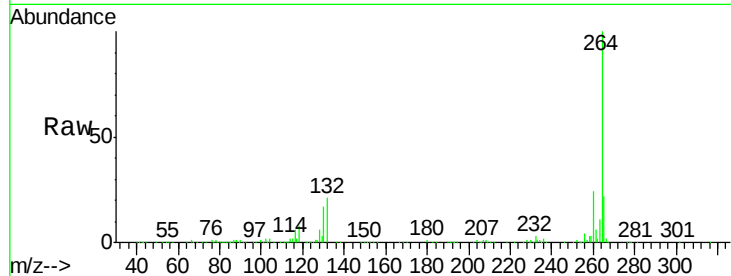
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.1	19.2	28.8	
265	22.1	16.9	25.3	

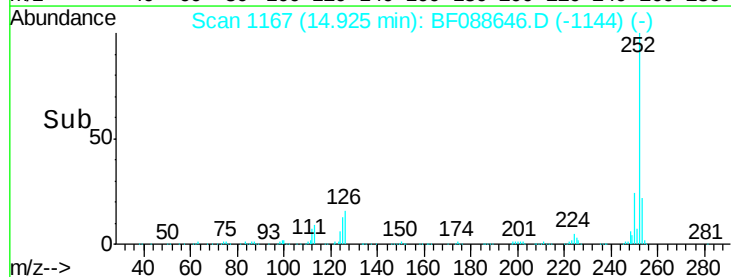
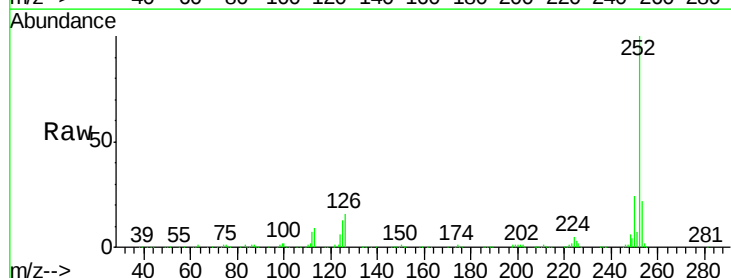
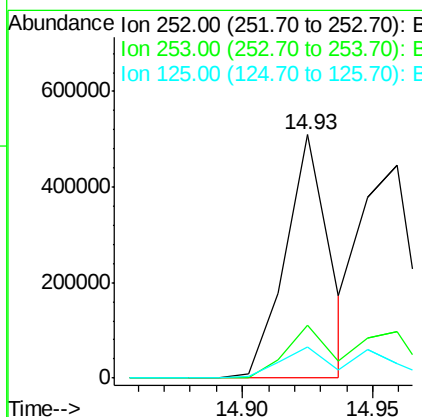
Manual Integrations

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#87
Benzo(b)fluoranthene
Concen: 38.05 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	21.9	17.4	26.2	
125	12.6	7.1	10.7	





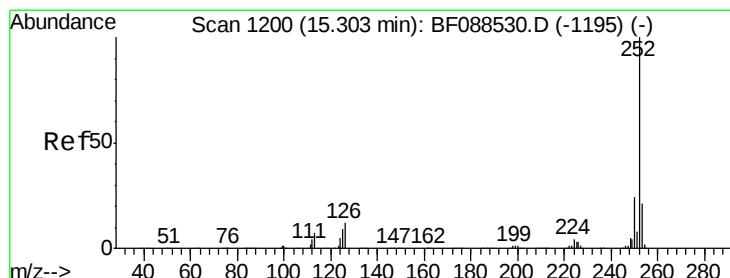
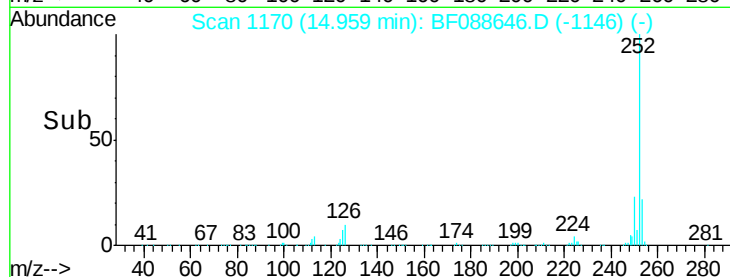
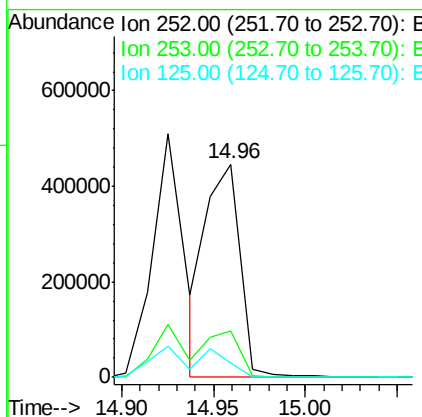
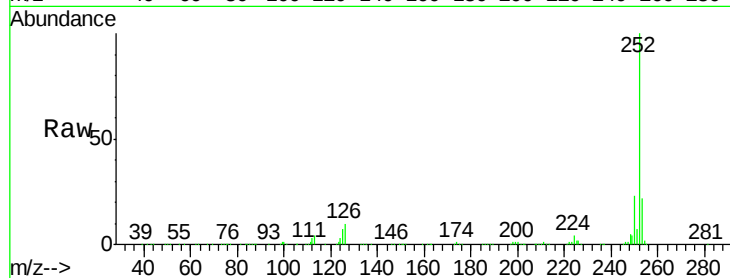
#88
Benzo(k)fluoranthene
Concen: 43.13 ng m
RT: 14.96 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	7.0	11.2	16.8

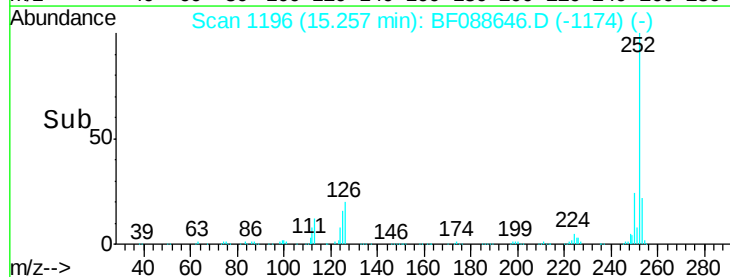
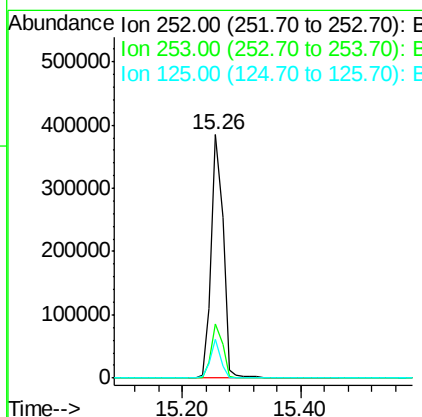
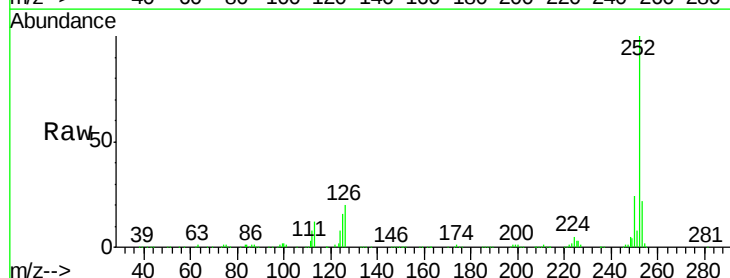
Manual Integrations

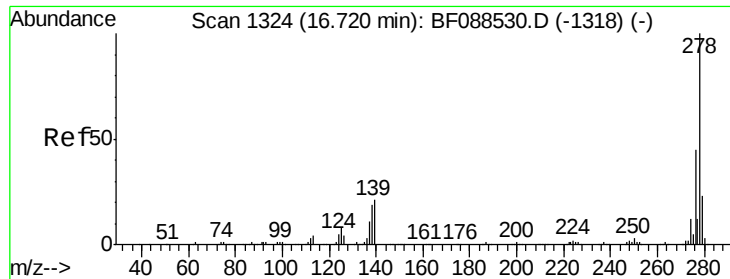
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#89
Benzo(a)pyrene
Concen: 40.69 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	15.7	12.5	18.7





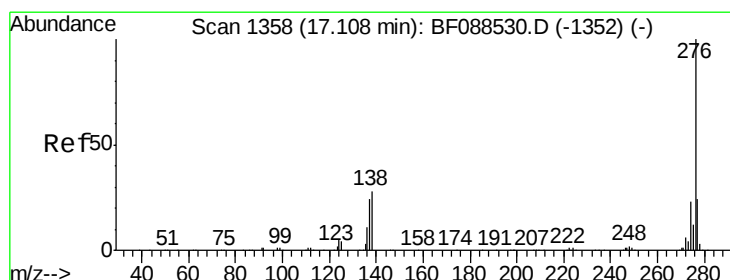
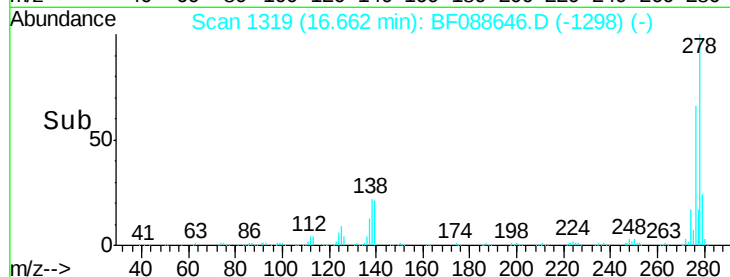
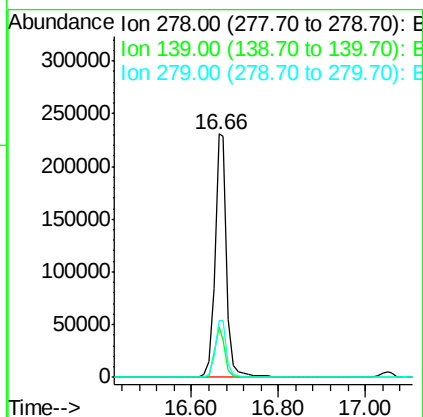
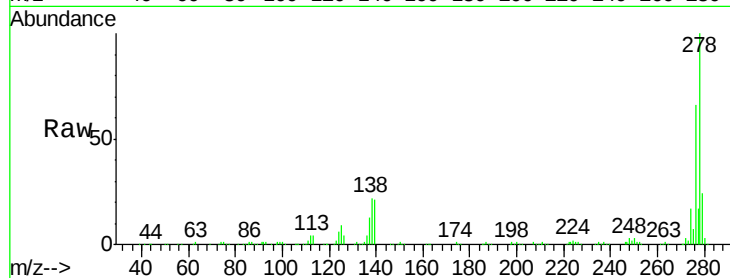
#90
Dibenzo(a,h)anthracene
Concen: 40.48 ng
RT: 16.66 min Scan# 1319
Delta R.T. -0.06 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion:	278	Resp:	447661
Ion	Ratio	Lower	Upper
278	100		
139	20.9	15.7	23.5
279	23.5	19.4	29.2

Manual Integrations

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#91
Benzo(g,h,i)perylene
Concen: 39.12 ng
RT: 17.05 min Scan# 1353
Delta R.T. -0.06 min
Lab File: BF088646.D
Acq: 3 Jul 2016 13:37

Tgt Ion:	276	Resp:	447701
Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	26.8	21.4	32.2

