

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088650.D
 Acq On : 3 Jul 2016 15:33
 Operator : UM/SJ
 Sample : H3837-08MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Manual Integrations

umangi
 7/5/2016 7:51:54 PM

Quant Time: Jul 04 05:51:58 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	112706	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	448308	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	213497	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	416776	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	301380	20.00	ng	-0.03
86) Perylene-d12	15.31	264	279891	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	776693	103.28	ng	-0.02
7) Phenol-d6	6.42	99	946994	97.46	ng	-0.02
23) Nitrobenzene-d5	7.35	82	640760	74.90	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	223110	112.54	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	1181974	87.45	ng	-0.02
78) Terphenyl-d14	12.88	244	945724	69.89	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	92471	24.80	ng	# 28
3) Pyridine	3.10	79	29673	2.74	ng	95
4) n-Nitrosodimethylamine	3.00	42	63010	15.24	ng	91
6) Aniline	6.44	93	108946	7.69	ng	98
8) 2-Chlorophenol	6.57	128	154184	19.08	ng	90
9) Benzaldehyde	6.32	77	96616	14.68	ng	# 78
10) Phenol	6.43	94	203601	18.36	ng	80
11) bis(2-Chloroethyl)ether	6.52	93	156922	18.97	ng	87
12) 1,3-Dichlorobenzene	6.72	146	143537	16.14	ng	# 93
13) 1,4-Dichlorobenzene	6.80	146	146886	16.64	ng	96
14) 1,2-Dichlorobenzene	6.96	146	144263	17.46	ng	97
15) Benzyl Alcohol	6.92	79	139090	19.45	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	200569	16.75	ng	91
17) 2-Methylphenol	7.04	107	122770	18.62	ng	97
18) Hexachloroethane	7.30	117	58569	17.15	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	108223	16.58	ng	93
20) 3+4-Methylphenols	7.20	107	163307	20.64	ng	91
22) Acetophenone	7.19	105	213175	19.59	ng	# 87
24) Nitrobenzene	7.37	77	167034	19.37	ng	97
25) Isophorone	7.61	82	306848	19.36	ng	98
26) 2-Nitrophenol	7.68	139	69598	19.68	ng	91
27) 2,4-Dimethylphenol	7.72	122	124414	16.89	ng	91
28) bis(2-Chloroethoxy)methane	7.83	93	193022	18.72	ng	# 96
29) 2,4-Dichlorophenol	7.93	162	121562	20.42	ng	93
30) 1,2,4-Trichlorobenzene	8.01	180	123384	18.88	ng	99
31) Naphthalene	8.09	128	449296	20.33	ng	99
33) 4-Chloroaniline	8.14	127	103154	10.49	ng	97
34) Hexachlorobutadiene	8.22	225	69947	19.99	ng	100
35) Caprolactam	8.52	113	36290m	17.95	ng	
36) 4-Chloro-3-methylphenol	8.62	107	130314	18.51	ng	89
37) 2-Methylnaphthalene	8.78	142	268292	18.85	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	118251	16.65	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	182168	52.27	ng	99
42) 2,4,6-Trichlorophenol	9.06	196	85469	18.26	ng	100

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	90055	22.36	nq	# 93
45) 1,1'-Biphenyl	9.24	154	363001	20.53	nq	99
46) 2-Chloronaphthalene	9.27	162	283046	20.39	nq	98
47) 2-Nitroaniline	9.36	65	95480	19.39	nq	97
48) Acenaphthylene	9.68	152	446013	20.20	nq	99
49) Dimethylphthalate	9.54	163	563723	37.06	nq	99
50) 2,6-Dinitrotoluene	9.60	165	67836	20.12	nq	# 37
51) Acenaphthene	9.85	154	292689	21.62	nq	99
52) 3-Nitroaniline	9.77	138	69652	16.25	nq	87
53) 2,4-Dinitrophenol	9.87	184	64052	43.03	nq	93
54) Dibenzofuran	10.02	168	387149	21.85	nq	# 90
55) 4-Nitrophenol	9.93	139	158899	48.79	nq	94
56) 2,4-Dinitrotoluene	10.00	165	87246	19.79	nq	# 39
57) Fluorene	10.36	166	305095	22.35	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	65652	21.07	nq	# 50
59) Diethylphthalate	10.25	149	344936	22.60	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	129216	20.37	nq	89
61) 4-Nitroaniline	10.38	138	72166	17.50	nq	89
62) Azobenzene	10.52	77	373631	21.46	nq	91
64) 4,6-Dinitro-2-methylphenol	10.41	198	41873	18.78	nq	# 69
65) n-Nitrosodiphenylamine	10.48	169	277830	19.70	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	79415	18.91	nq	# 79
67) Hexachlorobenzene	10.91	284	89924	19.34	nq	# 80
68) Atrazine	11.00	200	85878	19.54	nq	91
69) Pentachlorophenol	11.11	266	137695	50.04	nq	98
70) Phenanthrene	11.32	178	458889	20.14	nq	98
71) Anthracene	11.37	178	461598	20.38	nq	99
72) Carbazole	11.52	167	400697	18.79	nq	99
73) Di-n-butylphthalate	11.86	149	485962	19.59	nq	99
74) Fluoranthene	12.50	202	458572	19.85	nq	99
76) Benzidine	12.63	184	58822	3.86	nq	98
77) Pyrene	12.73	202	472822	18.50	nq	98
79) Butylbenzylphthalate	13.36	149	210744	18.49	nq	95
80) Benzo(a)anthracene	13.91	228	366332	18.88	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	81926	11.23	nq	# 95
82) Chrysene	13.94	228	359209	18.71	nq	97
83) Bis(2-ethylhexyl)phthalate	13.92	149	287520	22.09	nq	99
84) Di-n-octyl phthalate	14.53	149	476940	21.57	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.64	276	279686	18.93	nq	# 100
87) Benzo(b)fluoranthene	14.93	252	353806m	20.15	nq	
88) Benzo(k)fluoranthene	14.95	252	272958m	17.86	nq	
89) Benzo(a)pyrene	15.26	252	295862	19.90	nq	# 96
90) Dibenzo(a,h)anthracene	16.66	278	233656	18.82	nq	97
91) Benzo(q,h,i)perylene	17.04	276	230396	17.94	nq	97

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

```

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Misc      :
ALS Vial  : 15      Sample Multiplier: 1

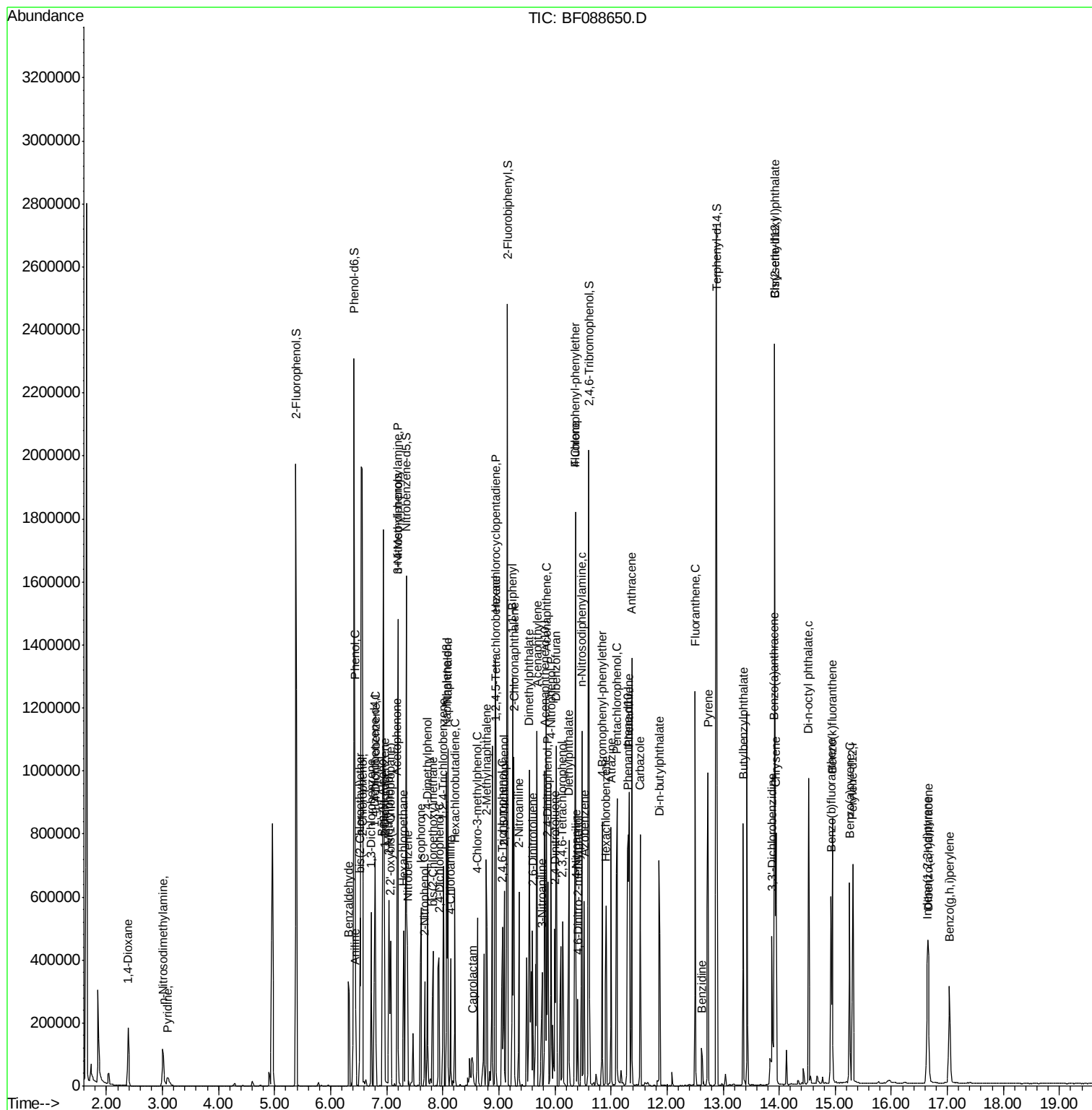
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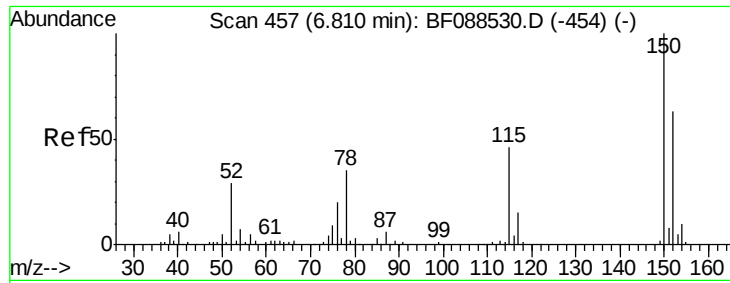
Instrument :
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ClientSampleId :
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#1

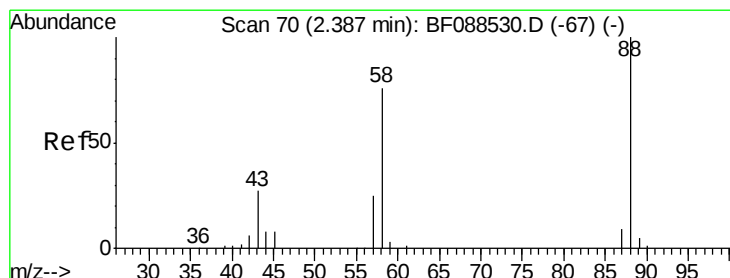
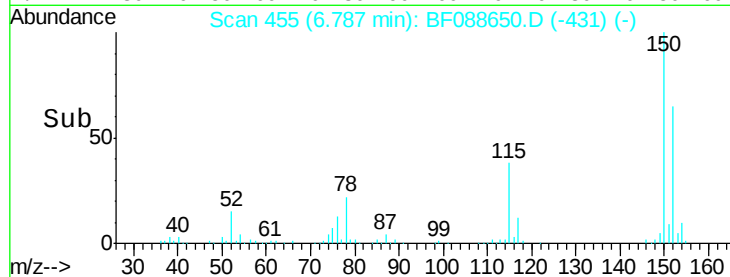
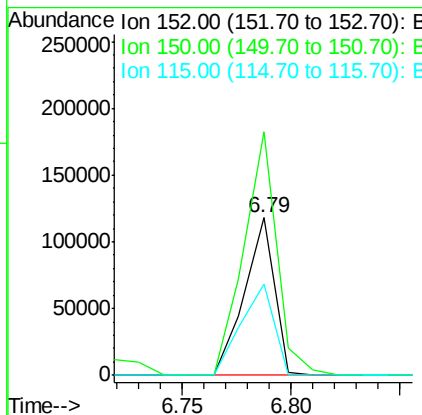
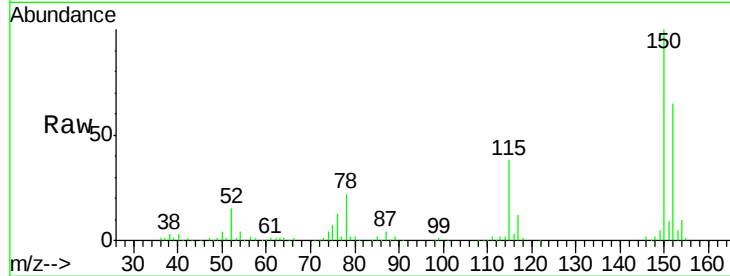
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampled :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.6
115	58.3	39.6	59.4

Manual Integrations

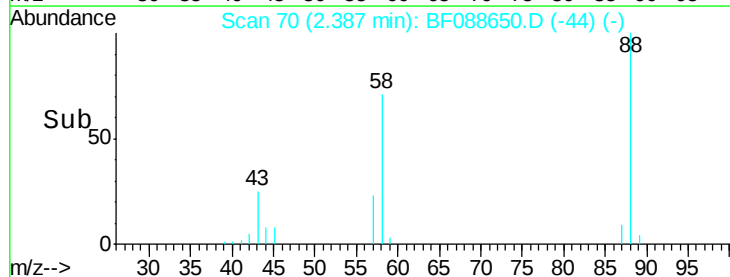
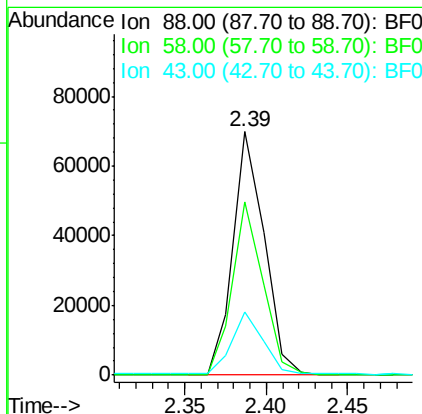
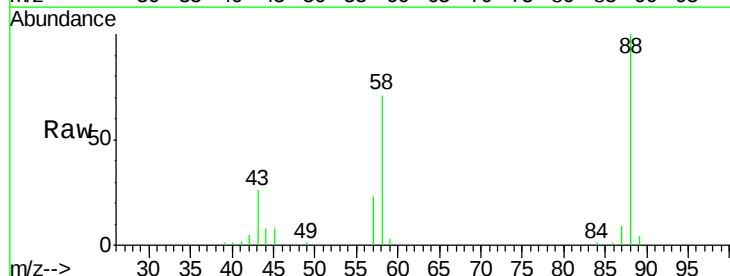
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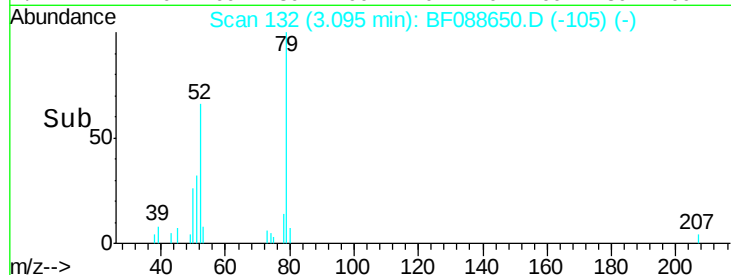
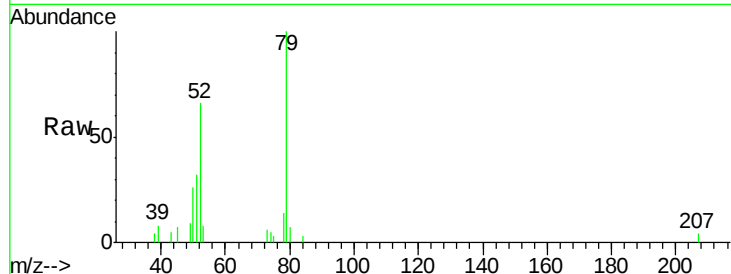
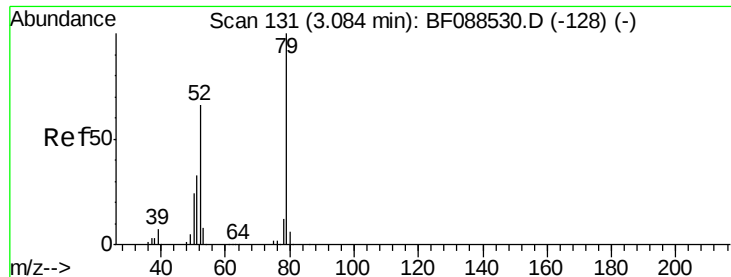


#2

1,4-Dioxane
Concen: 24.80 ng
RT: 2.39 min Scan# 70
Delta R.T. -0.00 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

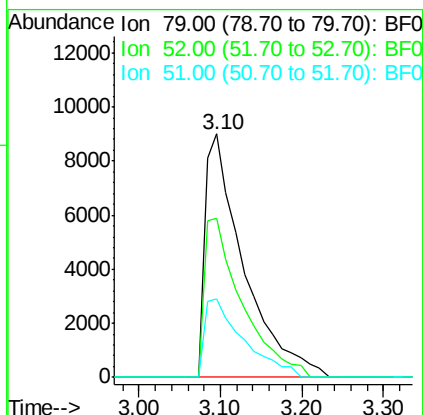
Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	0.0	0.0#
43	28.1	3.4	5.2#





#3
Pvridine
Concen: 2.74 ng
RT: 3.10 min Scan# 132
Delta R.T. 0.01 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

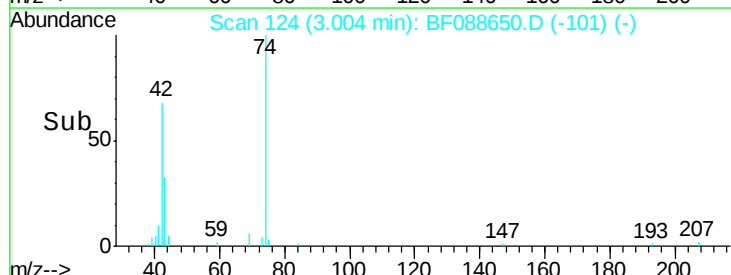
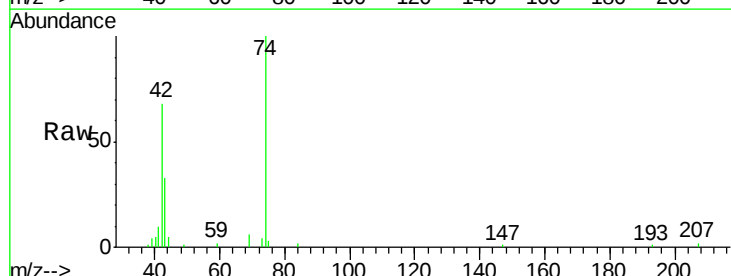
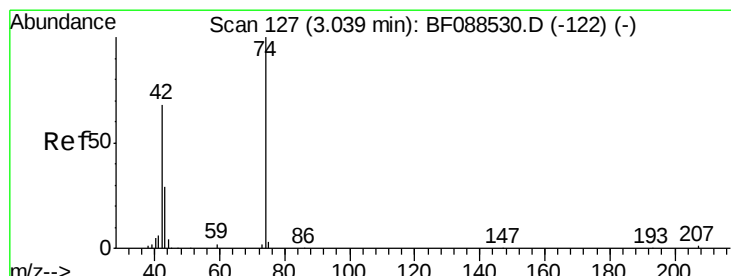
Tot Ion:	79	Resp:	29673
Ion	Ratio	Lower	Upper
79	100		
52	65.6	56.3	84.5
51	32.2	27.4	41.2



Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

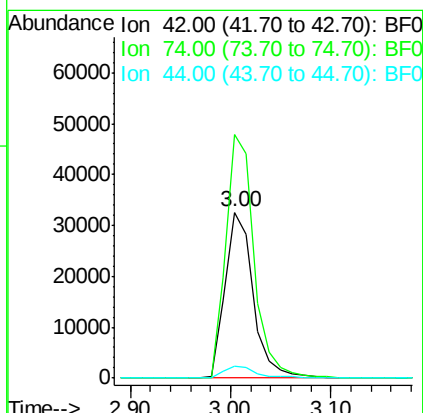
Manual Integrations

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#4
n-Nitrosodimethylamine
Concen: 15.24 ng
RT: 3.00 min Scan# 124
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion:	42	Resp:	63010
Ion	Ratio	Lower	Upper
42	100		
74	147.1	108.6	163.0
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 103.28 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

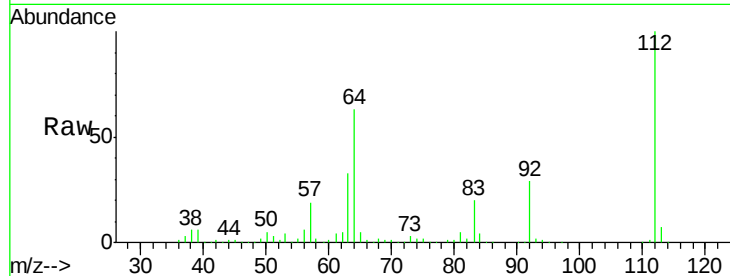
C1.2-6MS

Tot Ion:	112	Resp:	776693
Ion Ratio	Lower	Upper	
112	100		
64	62.6	42.2	63.2
63	32.6	21.8	32.8

Manual Integrations

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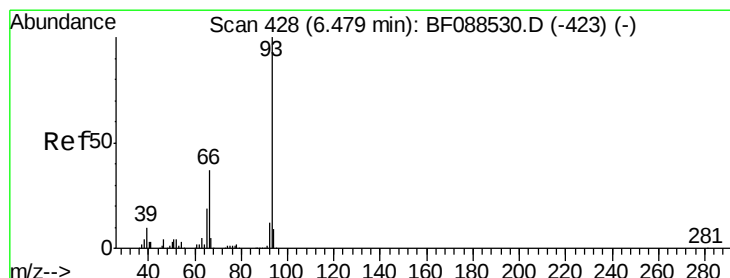
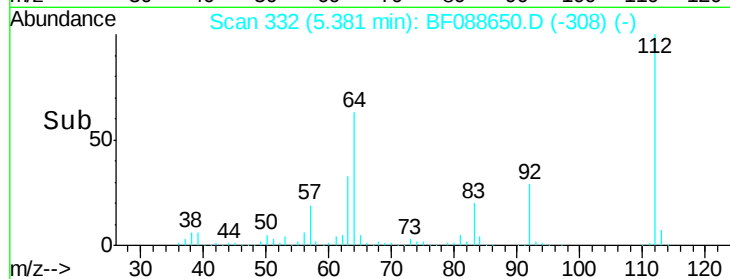
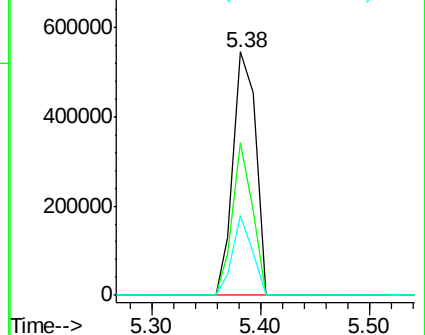
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.69 ng

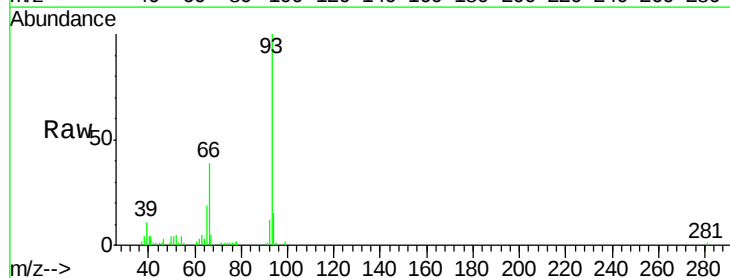
RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

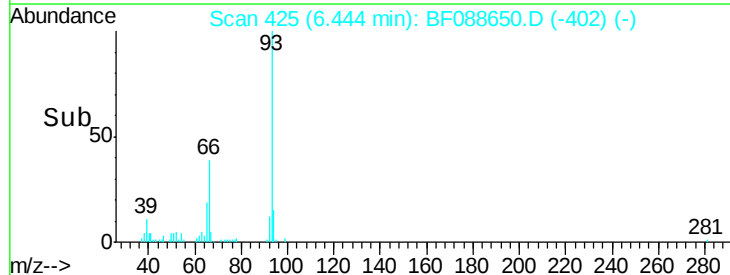
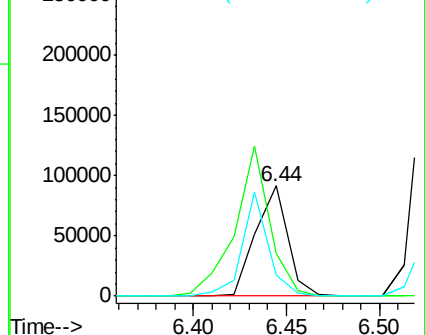
Tgt Ion:	93	Resp:	108946
Ion Ratio	Lower	Upper	
93	100		
66	38.7	29.8	44.8
65	19.4	14.9	22.3



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: 97.46 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampled :

C1.2-6MS

Tot Ion: 99 Resp: 946994

Ion Ratio Lower Upper

99 100

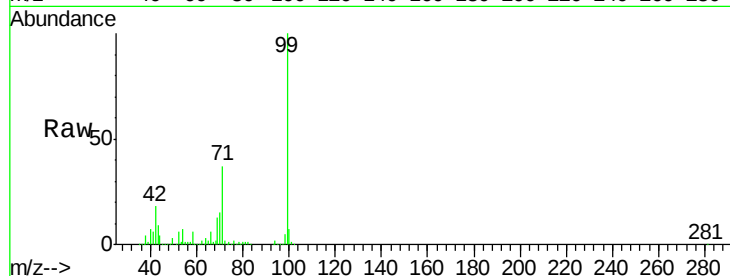
42 17.7 12.2 18.2

71 36.8 23.4 35.0#

Manual Integrations

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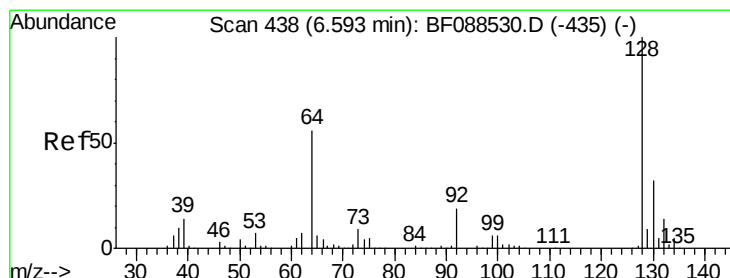
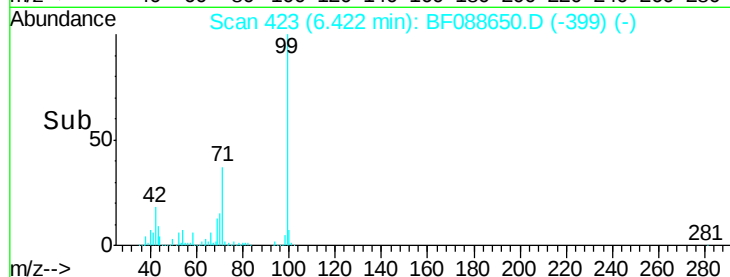
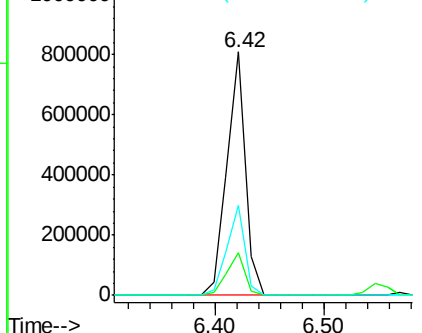
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 19.08 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

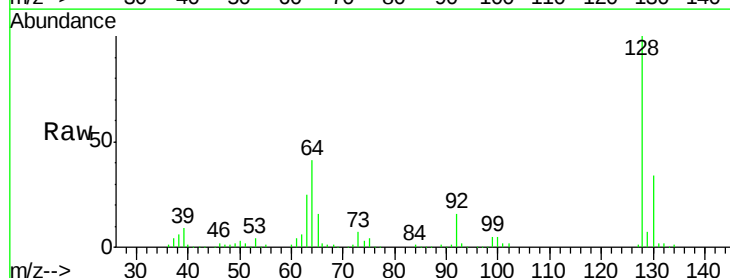
Tgt Ion: 128 Resp: 154184

Ion Ratio Lower Upper

128 100

130 33.6 12.0 52.0

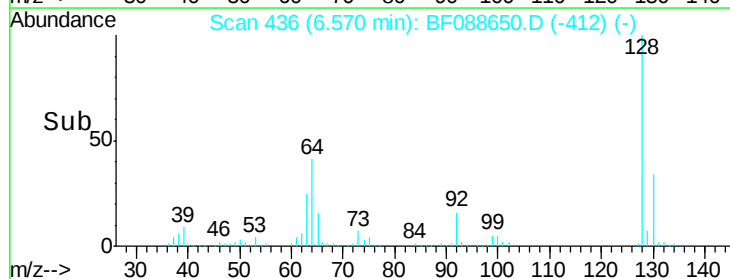
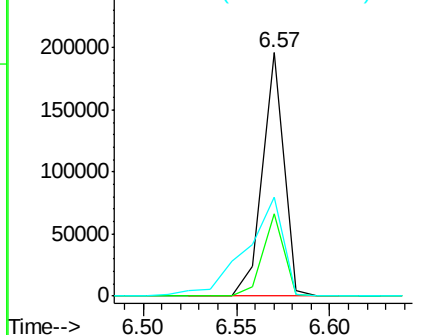
64 40.8 30.8 70.8

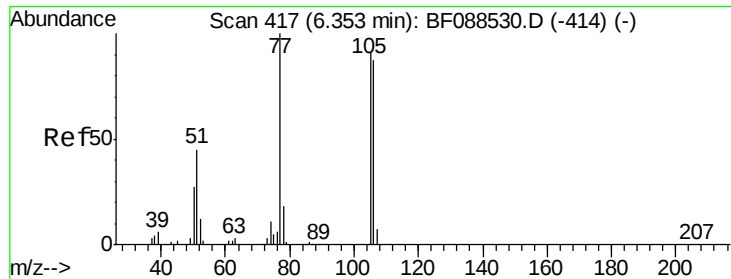


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.68 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF088650.D

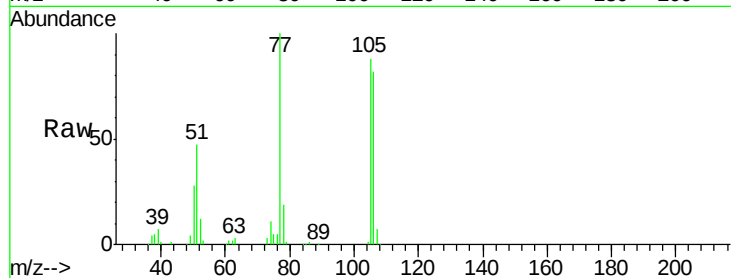
Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

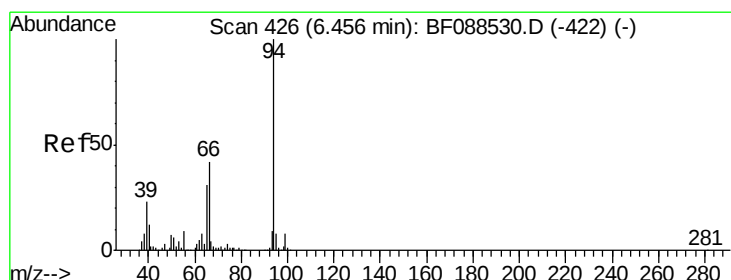
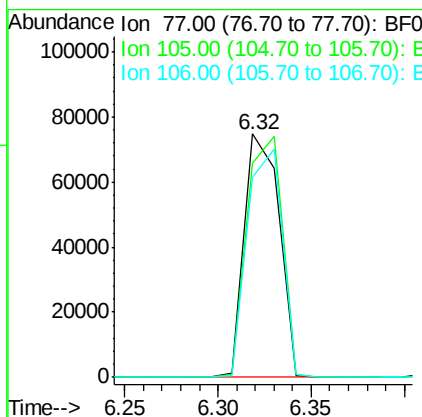
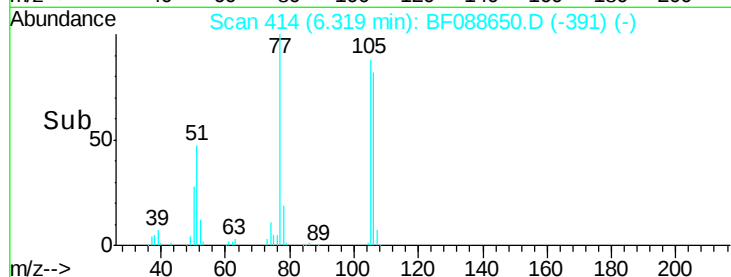


Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	87.7	90.6	130.6#	
106	82.1	85.3	125.3#	

Manual Integrations

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#10

Phenol

Concen: 18.36 ng

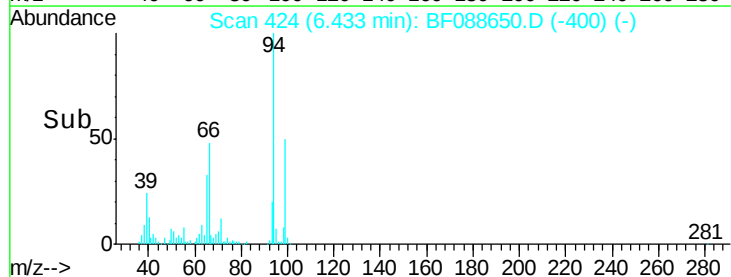
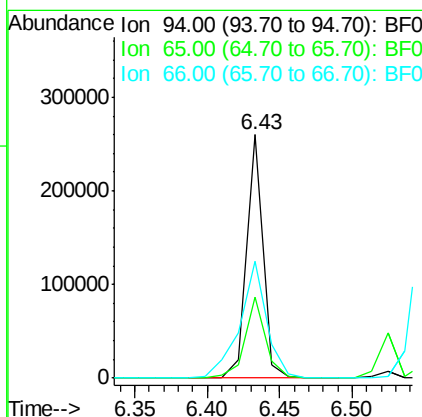
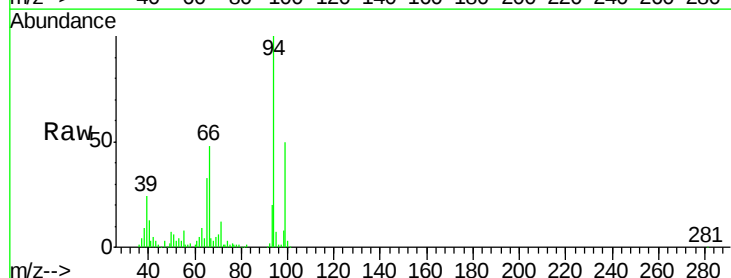
RT: 6.43 min Scan# 424

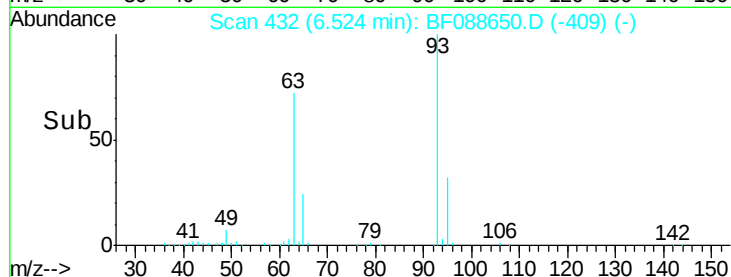
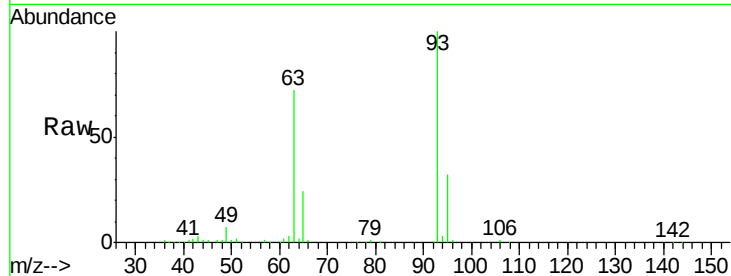
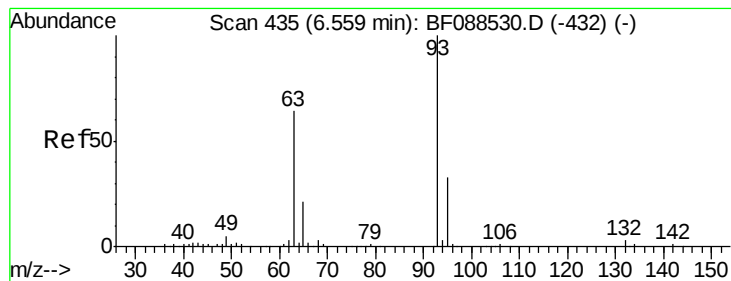
Delta R.T. -0.02 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	33.3	5.9	45.9	
66	47.9	14.0	54.0	





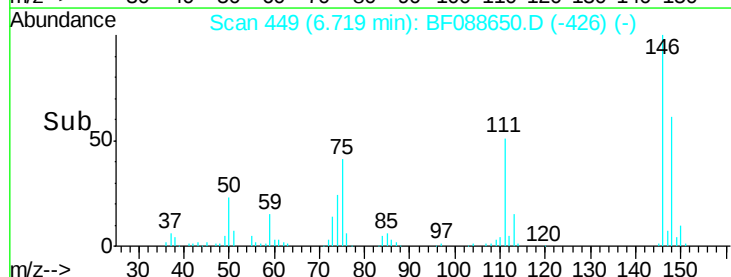
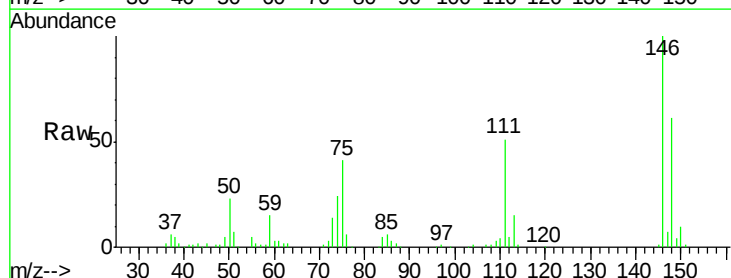
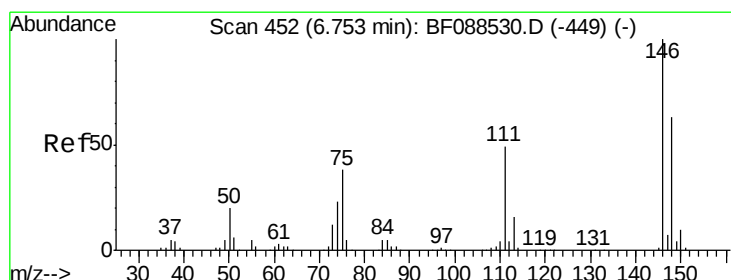
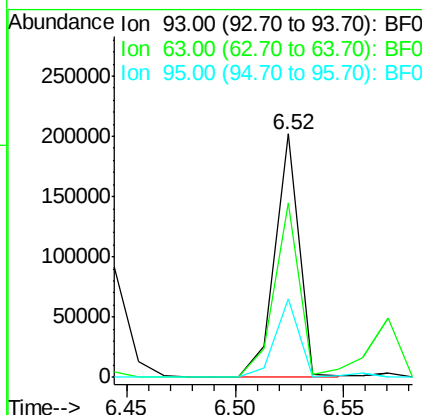
#11
bis(2-Chloroethyl)ether
Concen: 18.97 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tot Ion	93	Ratio	100	Resp	156922
Ion	93	100		Lower	Upper
	63	71.9		67.6	107.6
	95	32.0		12.5	52.5

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

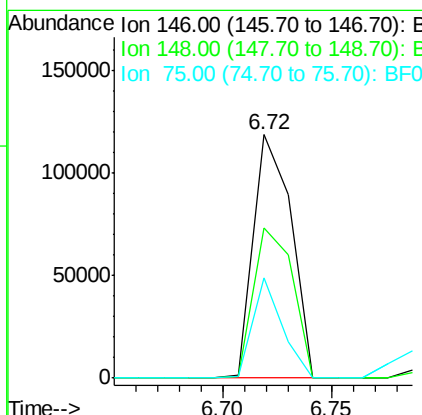
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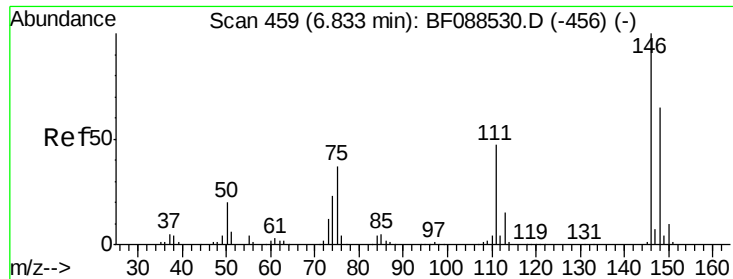
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#12
1,3-Dichlorobenzene
Concen: 16.14 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	146	Ratio	100	Resp	143537
Ion	146	100		Lower	Upper
	148	61.5		50.9	76.3
	75	41.3		25.6	38.4





#13

1,4-Dichlorobenzene

Concen: 16.64 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

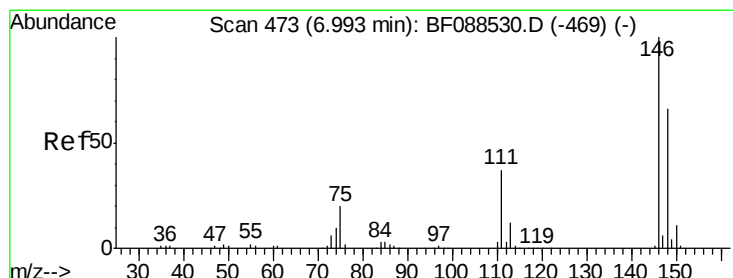
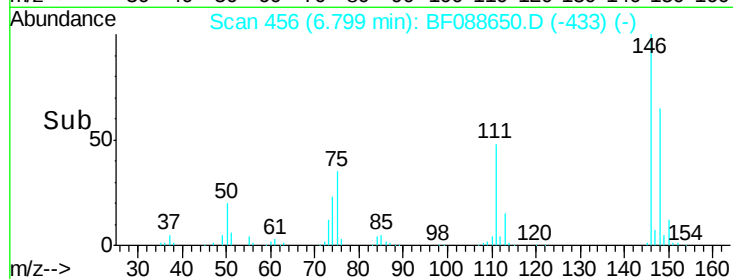
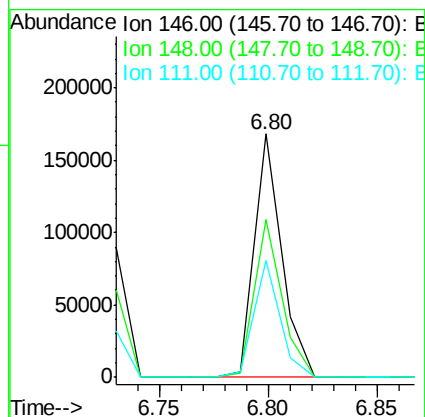
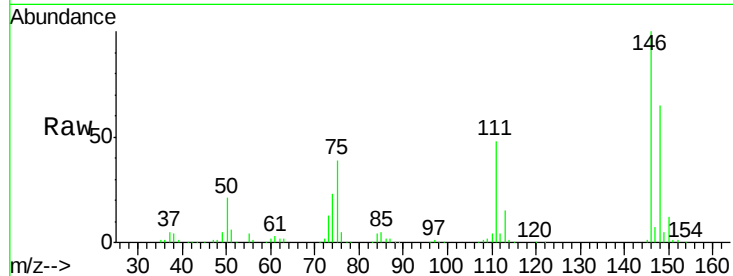
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.0	78.0
111	48.0	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 17.46 ng

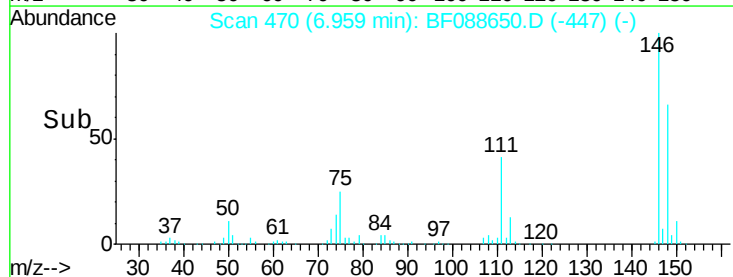
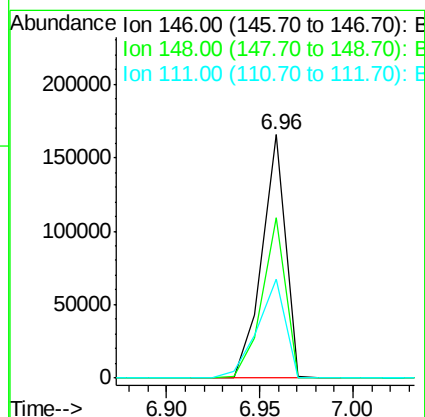
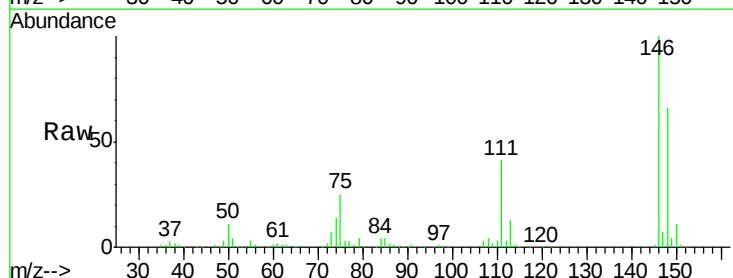
RT: 6.96 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.3	78.5
111	40.6	28.7	43.1





#15

Benzyl Alcohol

Concen: 19.45 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

Tot Ion: 79 Resp: 139090

Ion Ratio Lower Upper

79 100

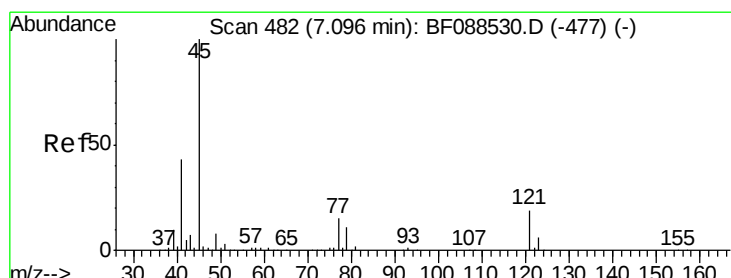
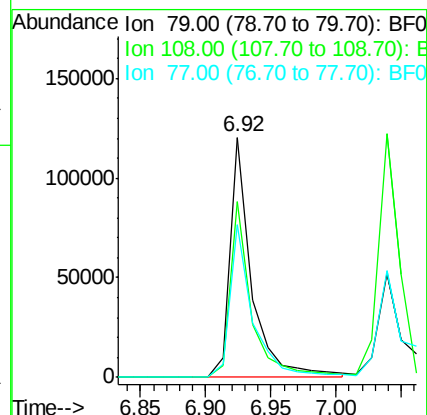
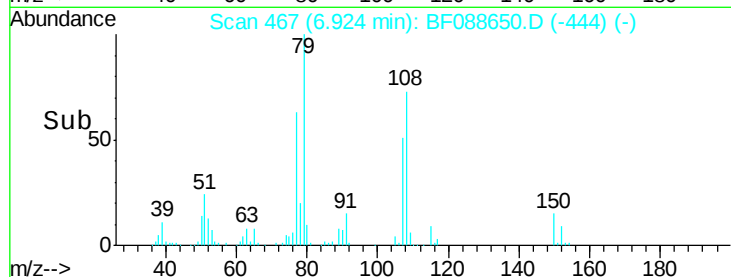
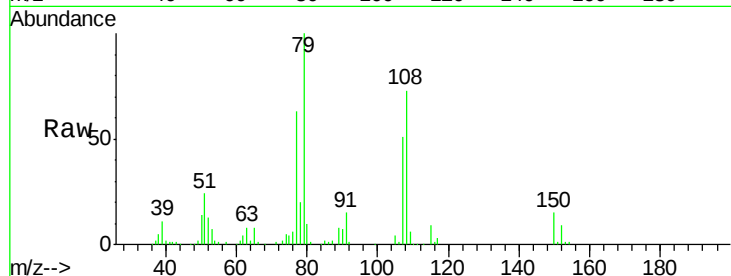
108 72.9 65.0 97.6

77 63.3 50.3 75.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 16.75 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

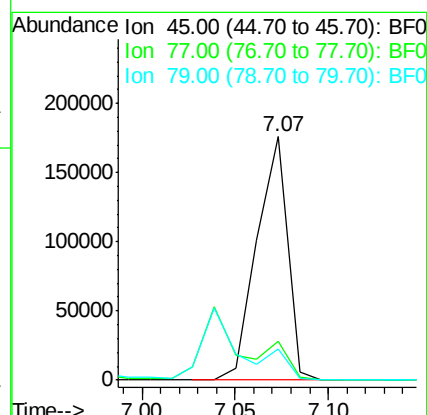
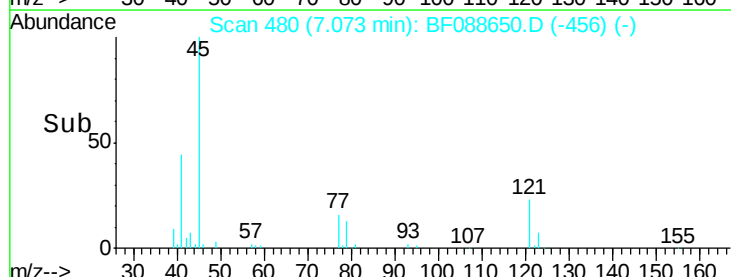
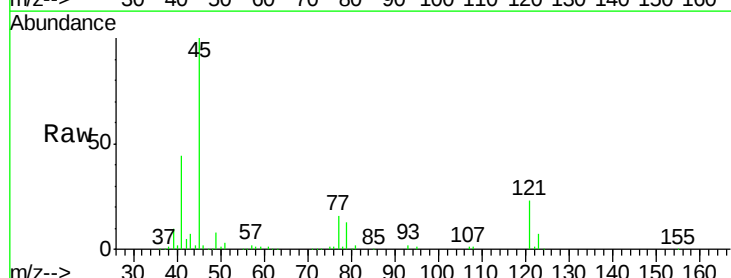
Tgt Ion: 45 Resp: 200569

Ion Ratio Lower Upper

45 100

77 16.0 0.0 32.5

79 12.8 0.0 29.5





#17

2-Methylphenol

Concen: 18.62 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampled :

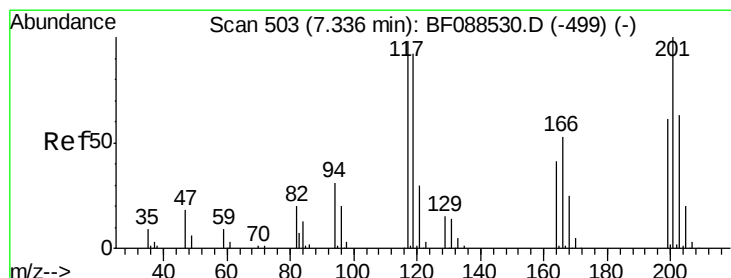
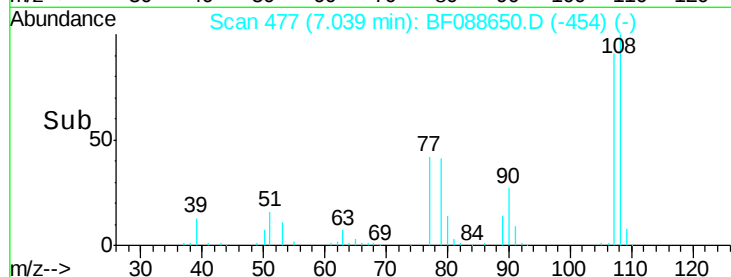
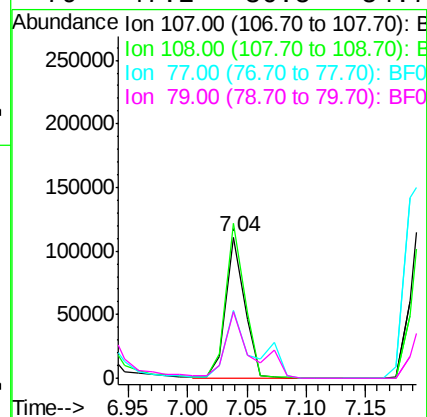
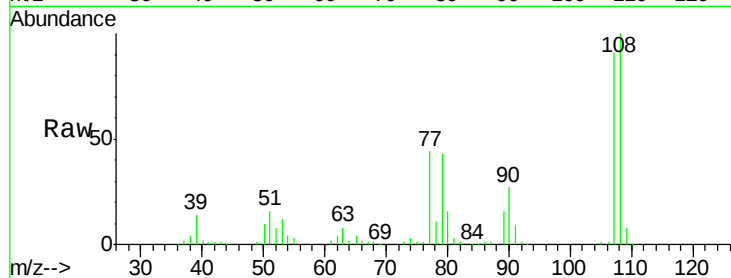
C1.2-6MS

Tot Ion	107	Resp	122770
Ion Ratio	Lower	Upper	
107	100		
108	110.0	90.9	136.3
77	48.0	36.6	55.0
79	47.2	36.5	54.7

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#18

Hexachloroethane

Concen: 17.15 ng

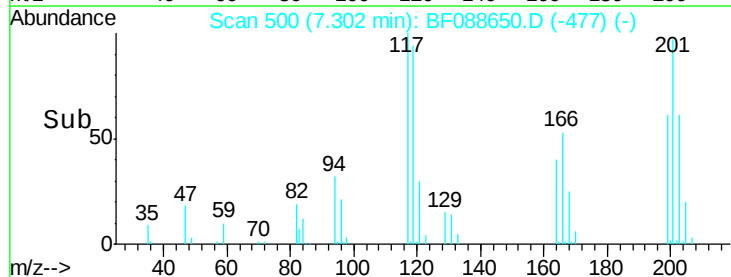
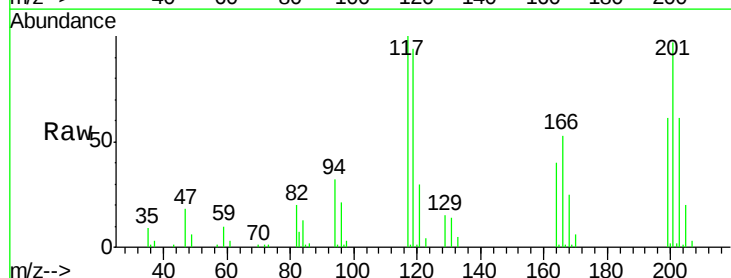
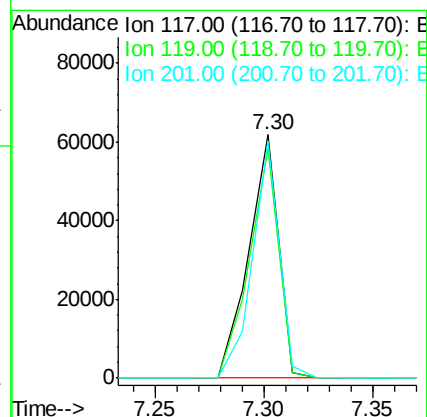
RT: 7.30 min Scan# 500

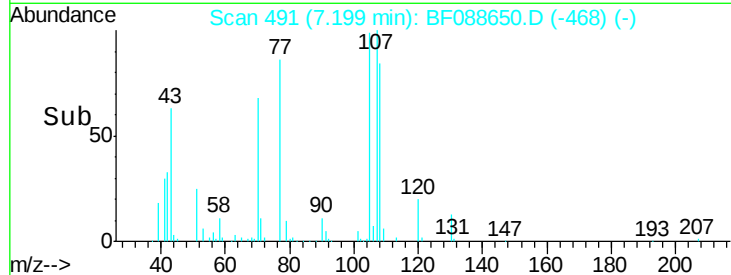
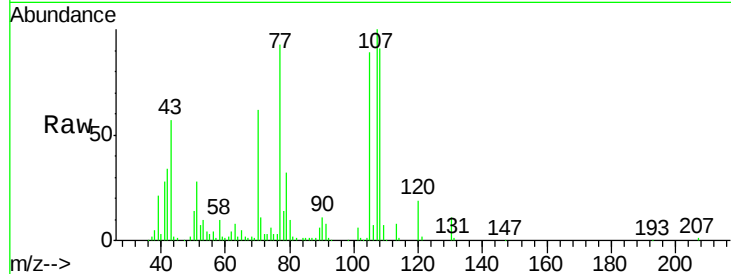
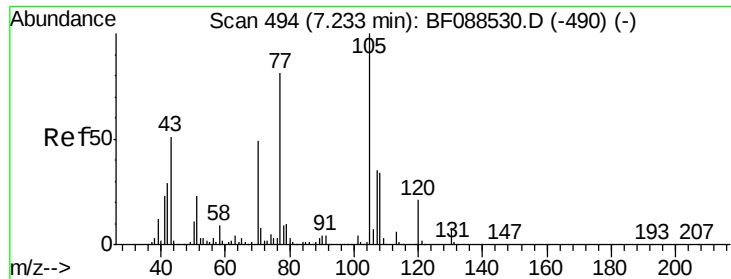
Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Tgt Ion	117	Resp	58569
Ion Ratio	Lower	Upper	
117	100		
119	94.3	77.4	116.2
201	97.4	80.4	120.6





#19

n-Nitroso-di-n-propylamine

Concen: 16.58 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

Tot Ion: 70 Resp: 108223

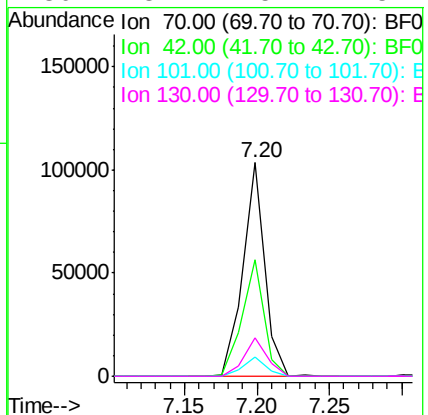
Ion Ratio Lower Upper

70 100

42 54.4 49.6 74.4

101 9.2 7.1 10.7

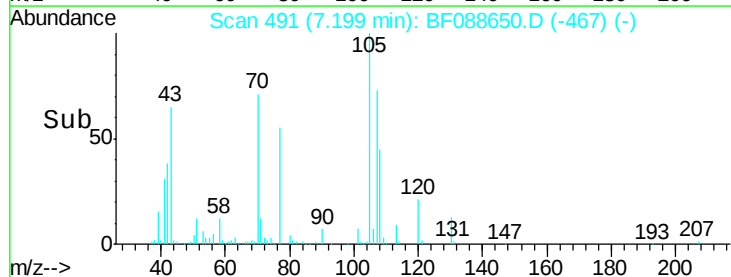
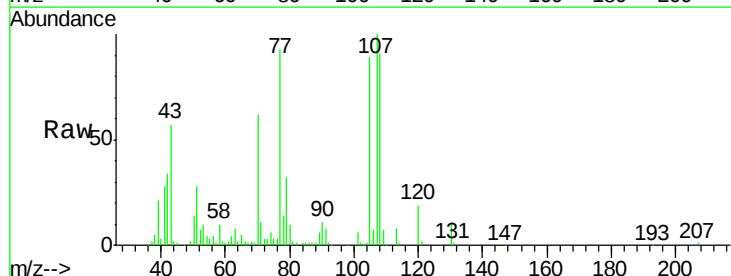
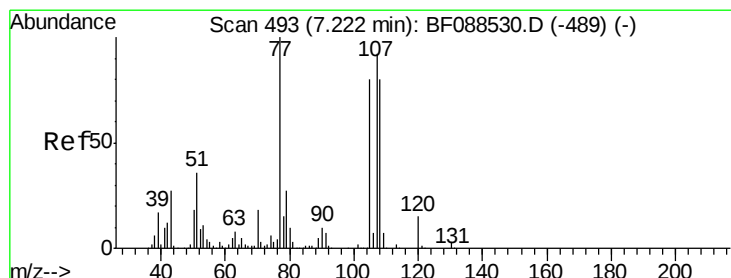
130 18.2 15.4 23.2



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#20

3+4-Methylphenols

Concen: 20.64 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Tgt Ion: 107 Resp: 163307

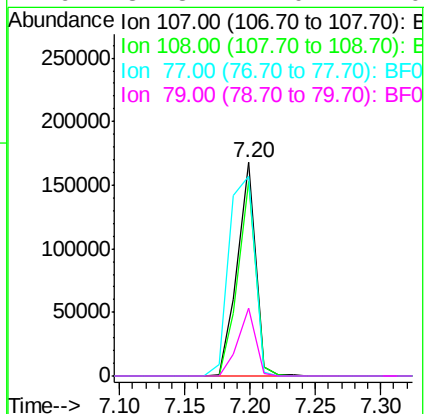
Ion Ratio Lower Upper

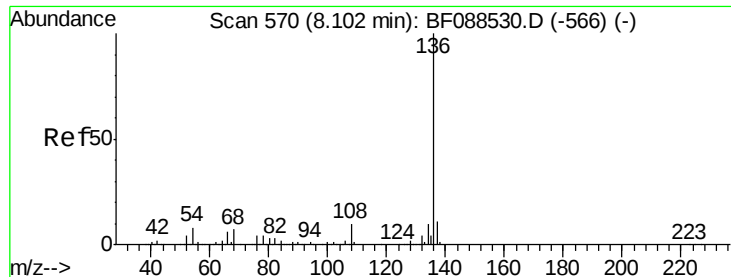
107 100

108 91.0 67.8 107.8

77 93.4 59.3 99.3

79 31.8 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

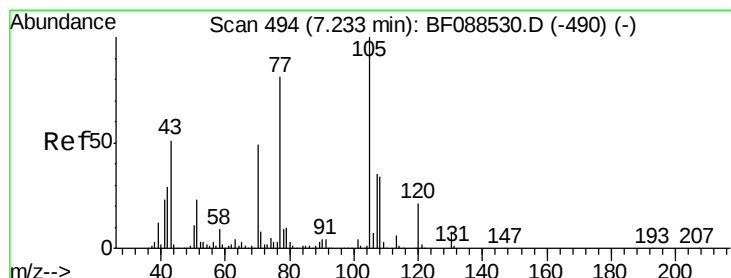
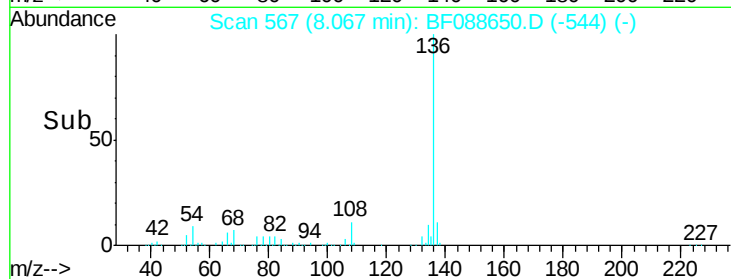
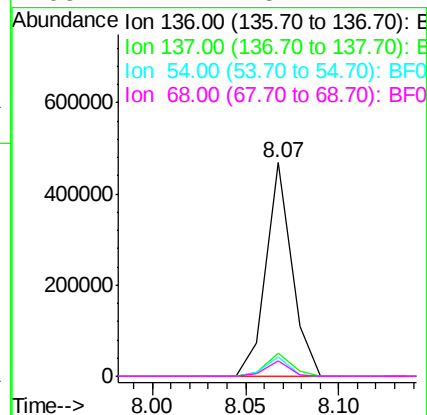
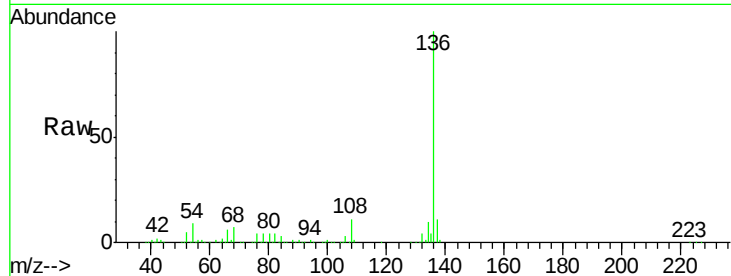
C1.2-6MS

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Tot Ion	136	Resp	448308
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	8.7	6.6	10.0
68	7.4	5.1	7.7



#22

Acetophenone

Concen: 19.59 ng

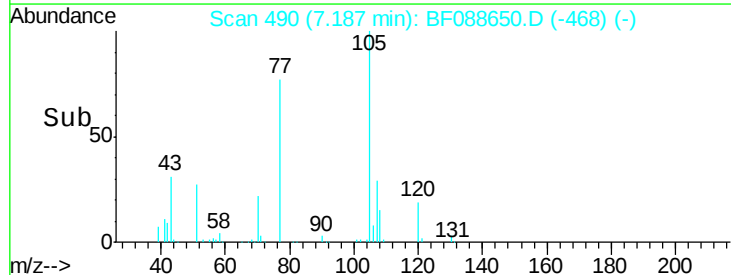
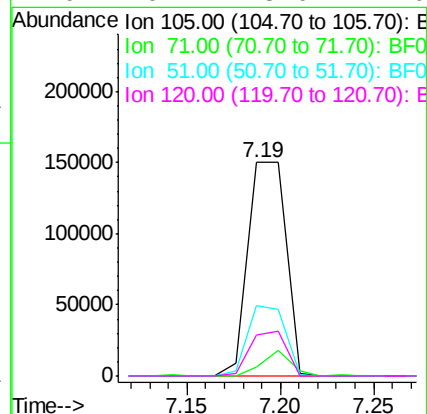
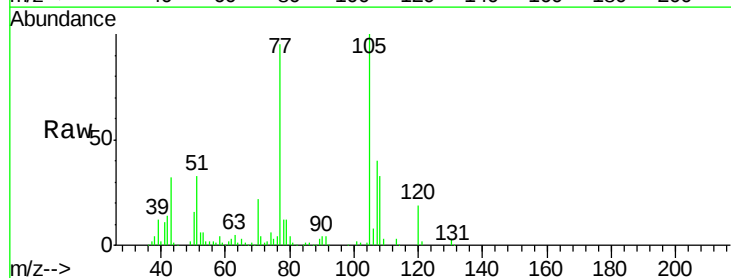
RT: 7.19 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Tgt Ion	105	Resp	213175
Ion Ratio	Lower	Upper	
105	100		
71	3.9	5.3	7.9#
51	33.0	18.2	27.4#
120	19.1	18.0	27.0





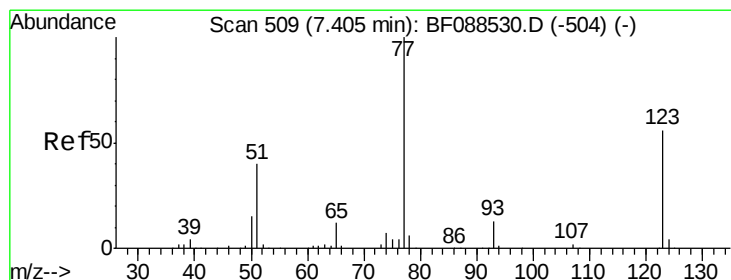
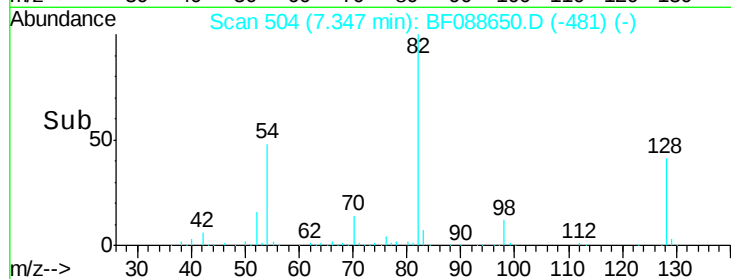
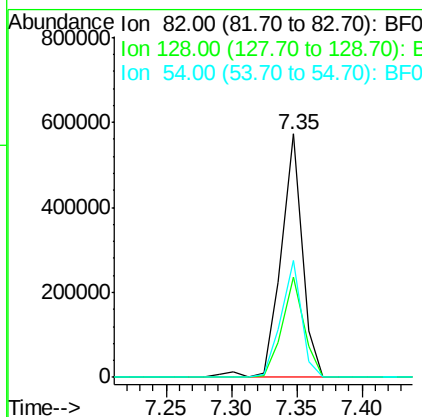
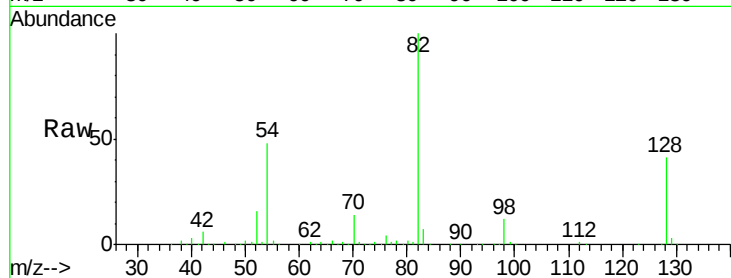
#23
Nitrobenzene-d5
Concen: 74.90 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	35.9	53.9
54	48.0	40.9	61.3

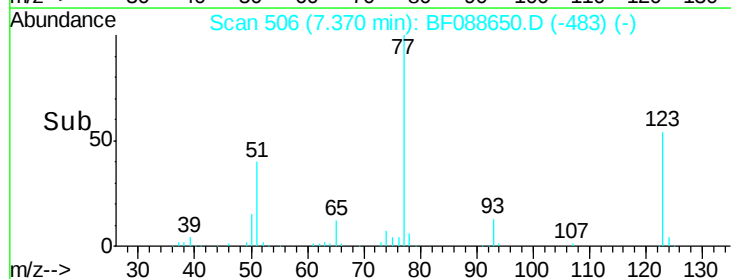
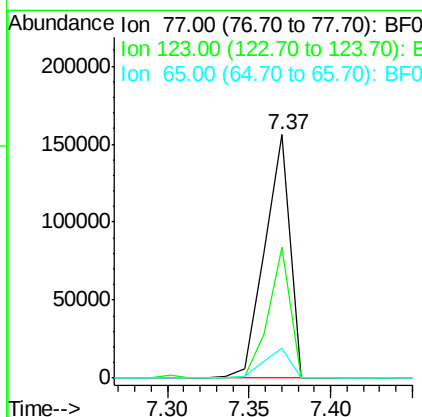
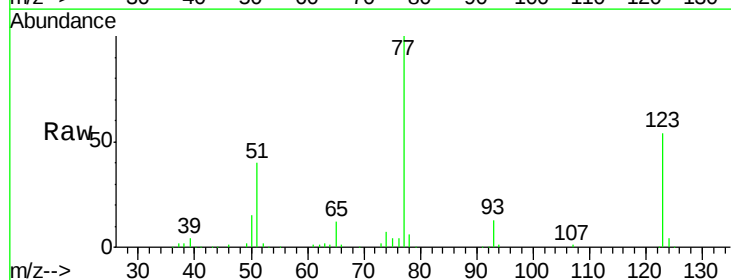
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#24
Nitrobenzene
Concen: 19.37 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.6	45.0	67.4
65	12.3	10.2	15.2





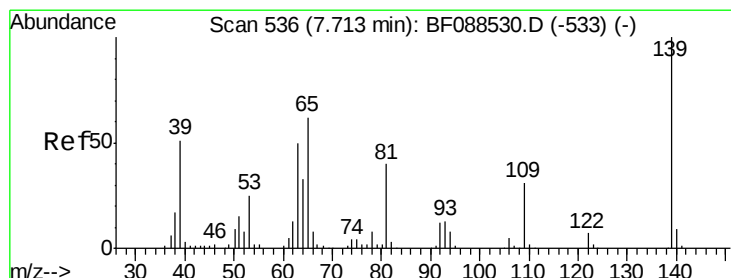
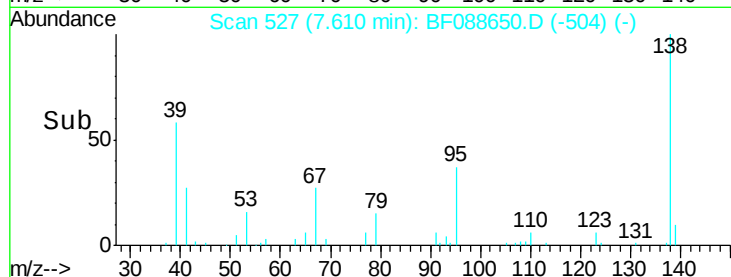
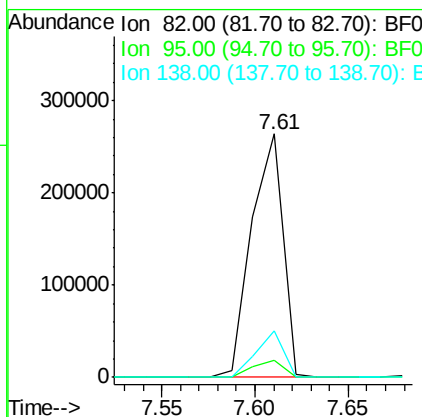
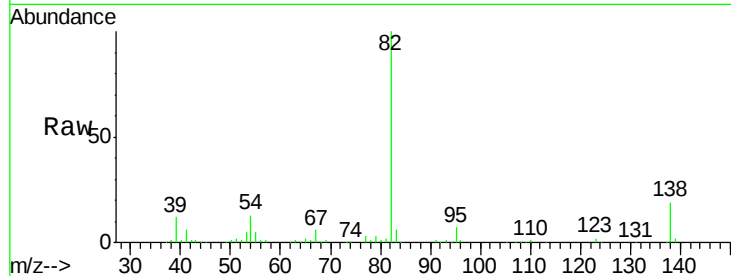
#25
Isophorone
Concen: 19.36 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	82	Resp	306848
Ion Ratio	100	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	19.2	14.6	21.8

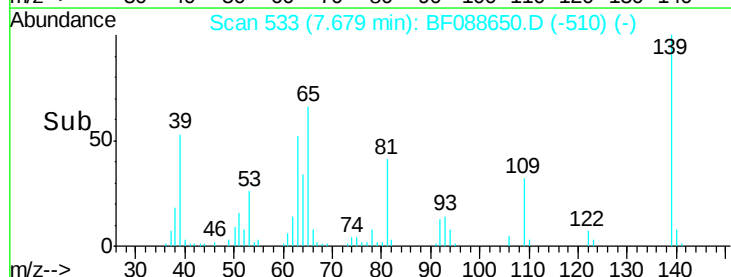
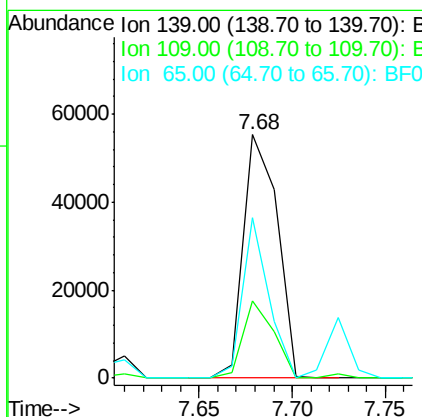
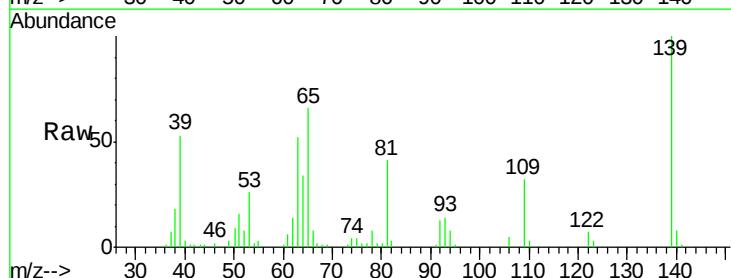
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#26
2-Nitrophenol
Concen: 19.68 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	139	Resp	69598
Ion Ratio	100	Lower	Upper
139	100		
109	31.8	23.0	34.4
65	65.7	45.8	68.8





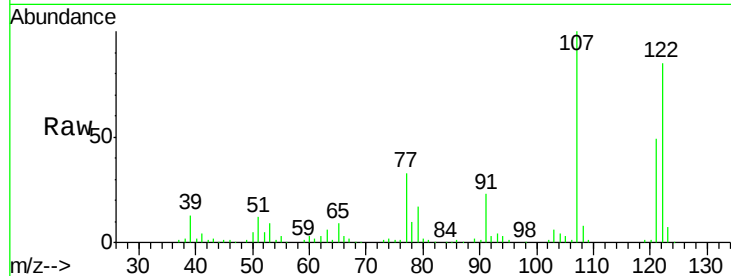
#27
 2,4-Dimethylphenol
 Concen: 16.89 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		124414		
107	117.7	82.4	123.6		
121	58.0	46.3	69.5		

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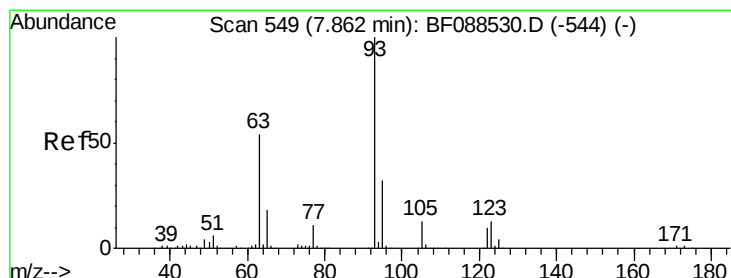
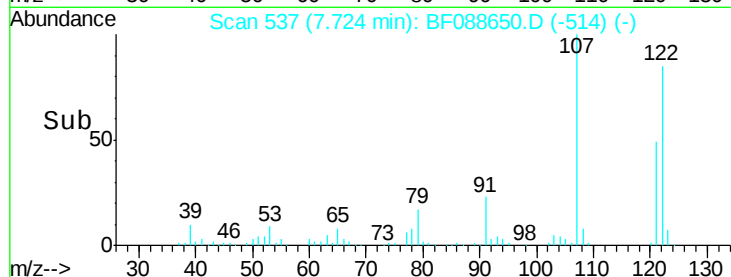
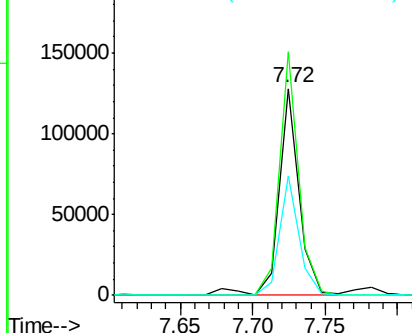


Abundance

Ion 122.00 (121.70 to 122.70): E

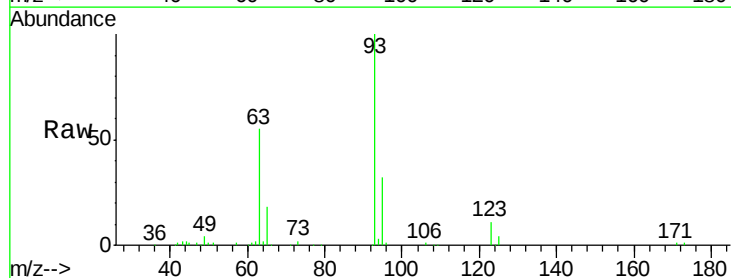
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 18.72 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		193022		
95	31.9	26.5	39.7		
123	11.1	11.6	17.4#		

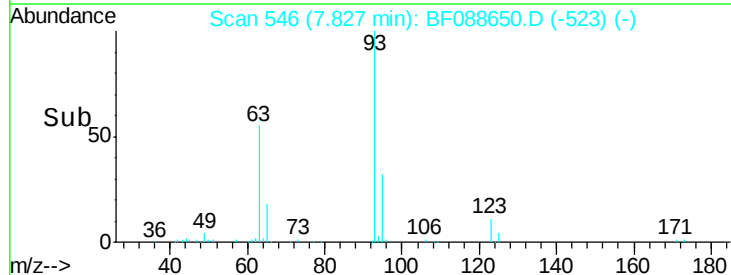
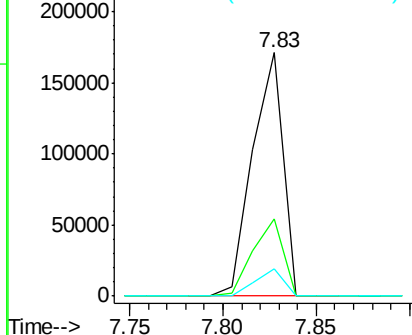


Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





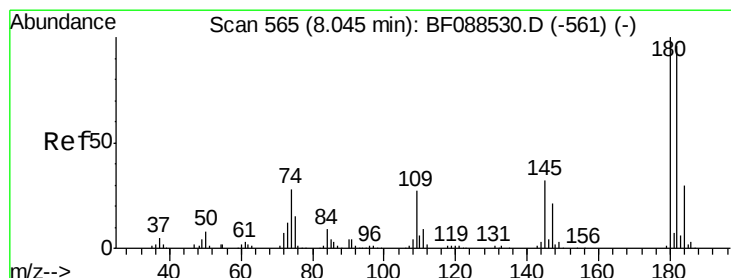
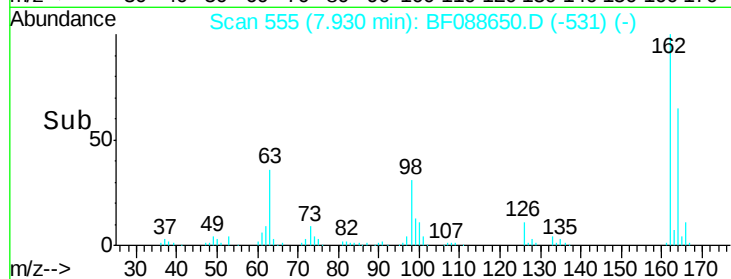
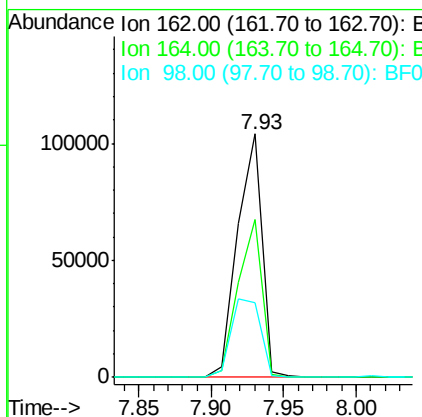
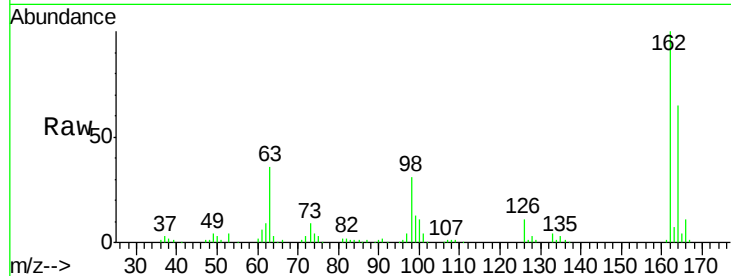
#29
 2,4-Dichlorophenol
 Concen: 20.42 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Instrument :
 BNA_F
 ClientSampled :
 C1.2-6MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	121562		
164	65.0	43.8	83.8	
98	30.8	21.3	61.3	

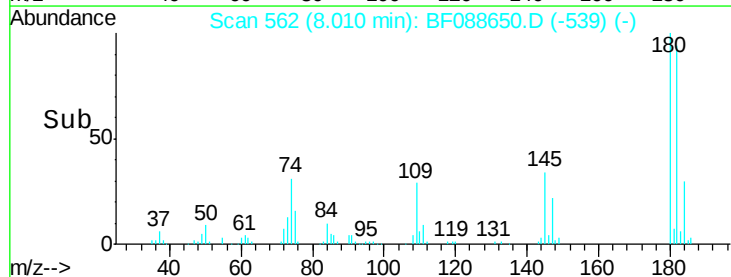
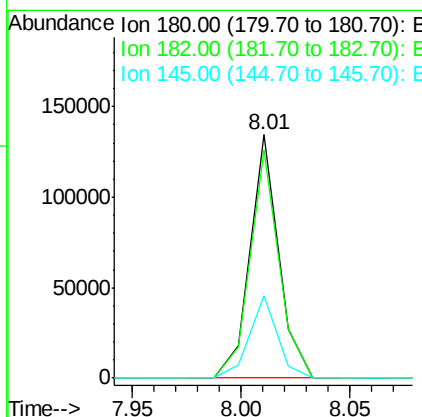
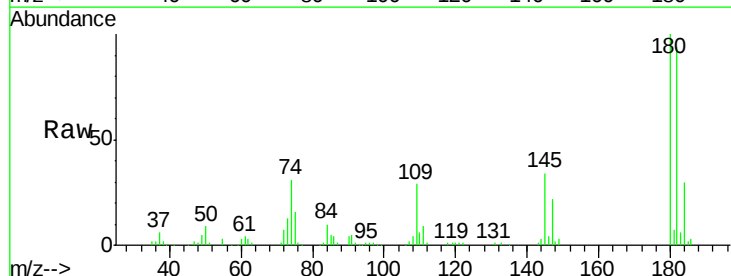
Manual Integrations

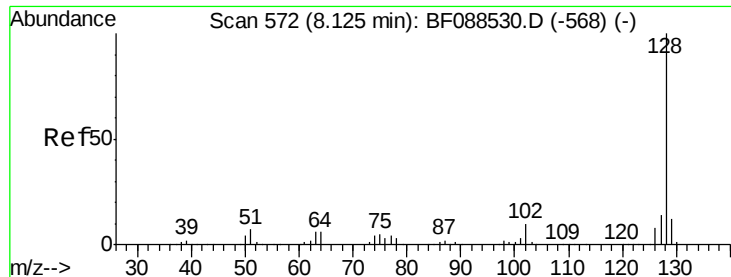
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#30
 1,2,4-Trichlorobenzene
 Concen: 18.88 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	123384		
182	93.8	76.0	114.0	
145	33.8	26.5	39.7	





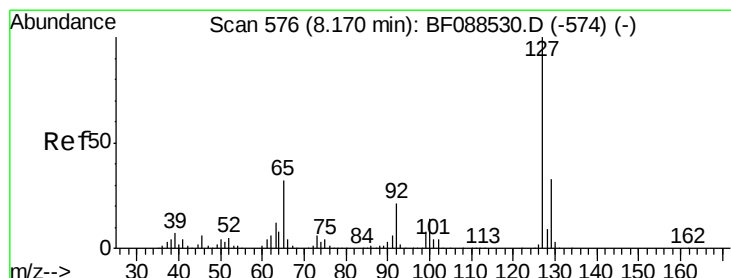
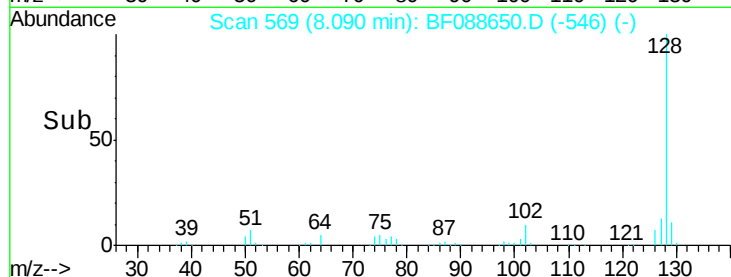
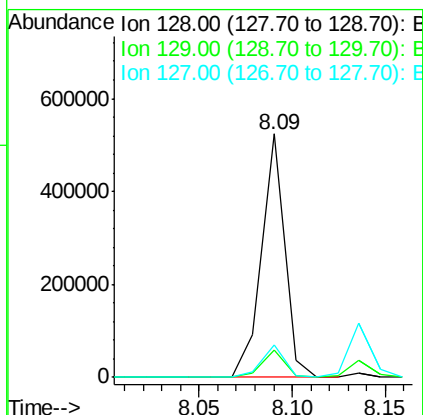
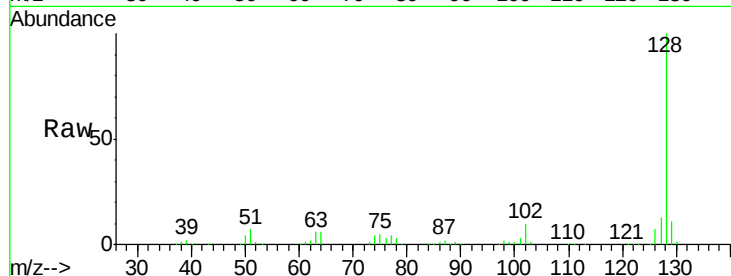
#31
Naphthalene
Concen: 20.33 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.1	10.9	16.3

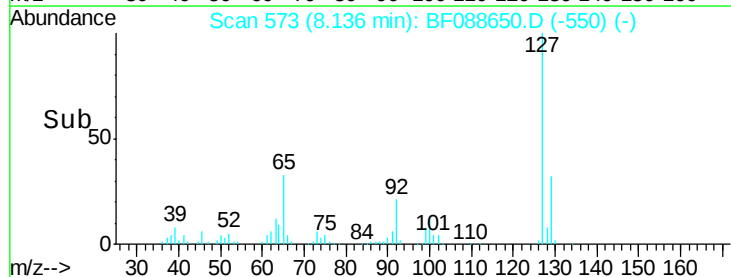
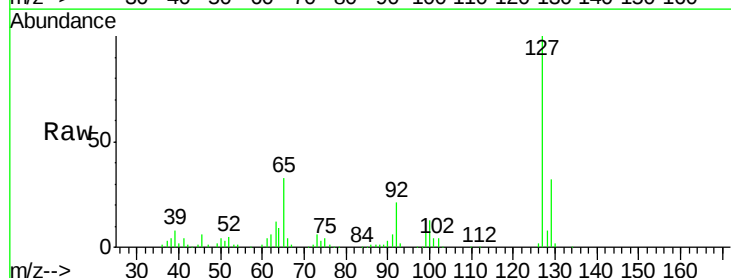
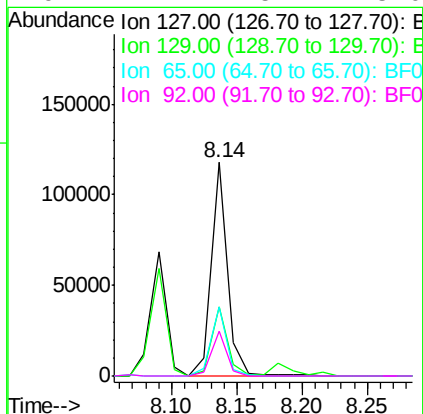
Manual Integrations

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#33
4-Chloroaniline
Concen: 10.49 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	32.5	24.7	37.1
92	21.1	15.4	23.0





#34

Hexachlorobutadiene

Concen: 19.99 ng

RT: 8.22 min Scan# 580

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampled :

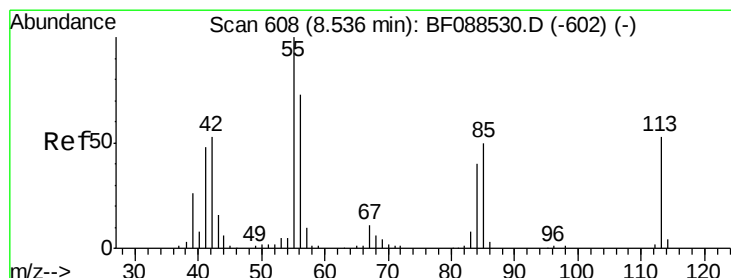
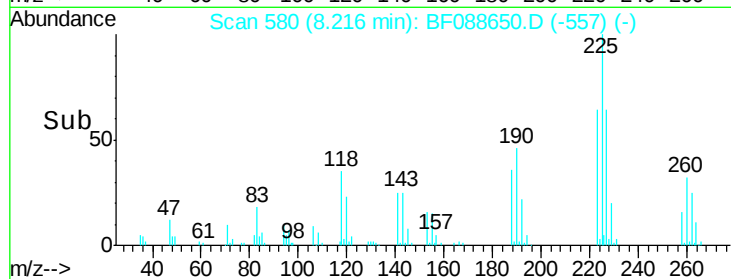
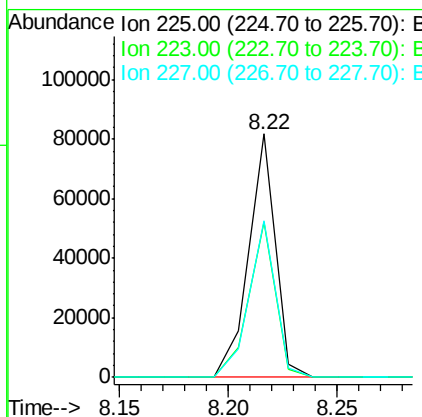
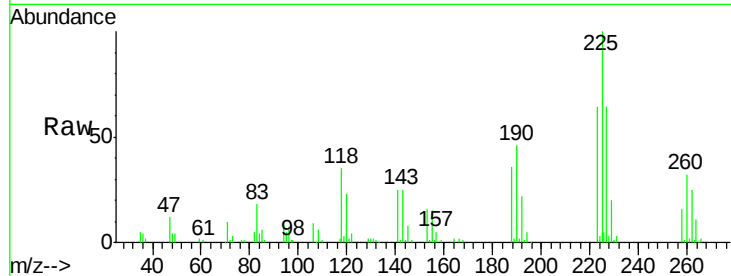
C1.2-6MS

Tot Ion:	225	Resp:	69947
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.9	76.3
227	64.4	51.9	77.9

Manual Integrations

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#35

Caprolactam

Concen: 17.95 ng m

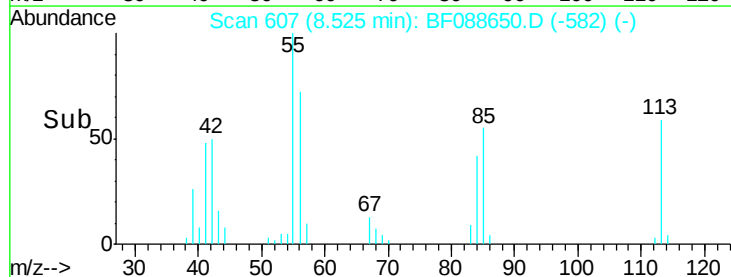
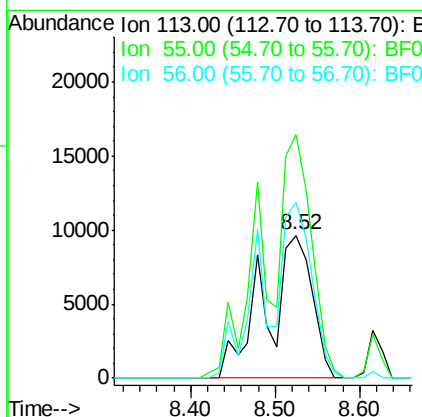
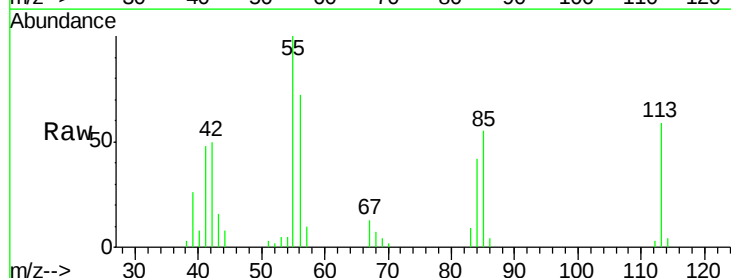
RT: 8.52 min Scan# 607

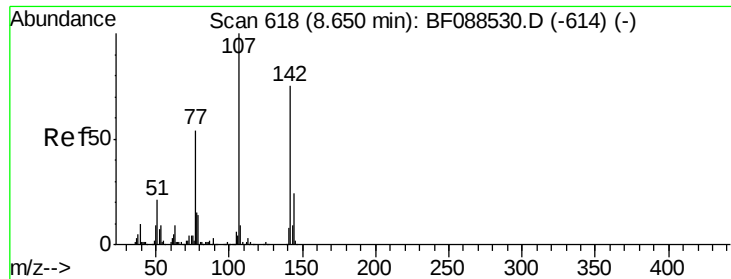
Delta R.T. -0.01 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Tgt Ion:	113	Resp:	36290
Ion Ratio	Lower	Upper	
113	100		
55	170.6	158.6	198.6
56	123.4	110.6	150.6





#36

4-Chloro-3-methylphenol

Concen: 18.51 ng

RT: 8.62 min Scan# 615

Delta R.T. -0.03 min

Lab File: BF088650.D

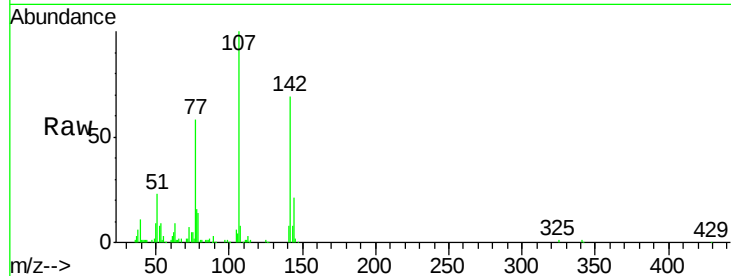
Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

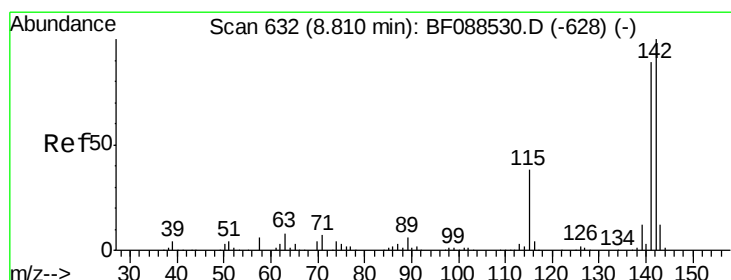
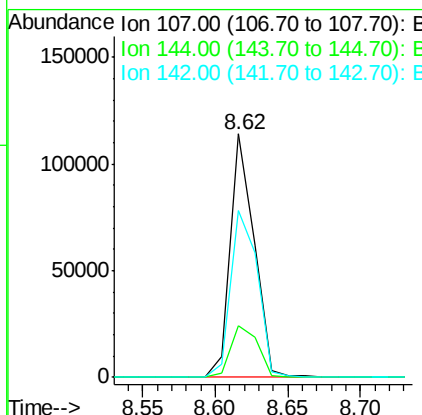
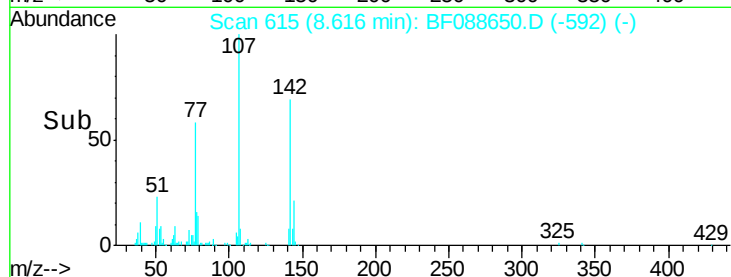


Tot Ion:	107	Resp:	130314
Ion Ratio	Lower	Upper	
107	100		
144	21.4	20.8	31.2
142	68.6	63.4	95.2

Manual Integrations

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#37

2-Methylnaphthalene

Concen: 18.85 ng

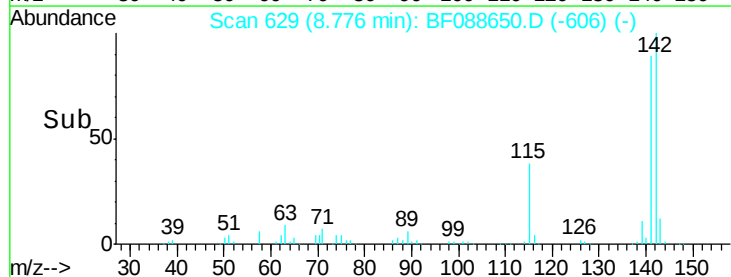
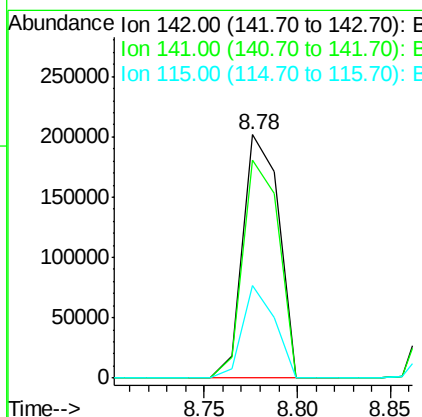
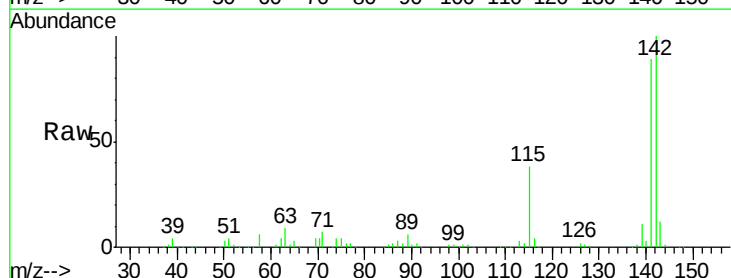
RT: 8.78 min Scan# 629

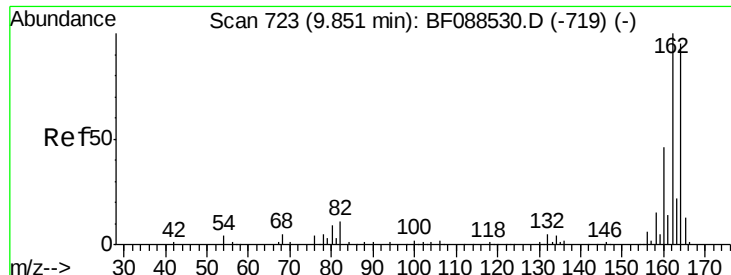
Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Tgt Ion:	142	Resp:	268292
Ion Ratio	Lower	Upper	
142	100		
141	89.3	71.0	106.6
115	38.3	22.6	33.8#





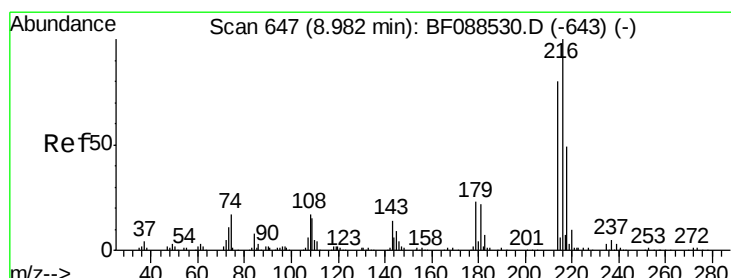
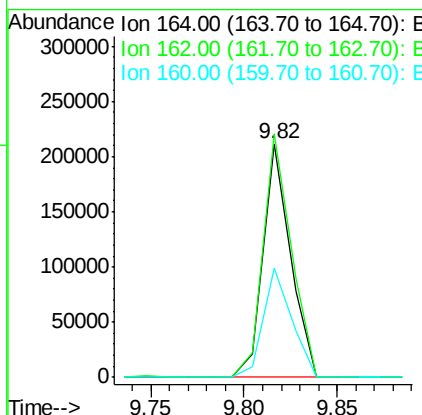
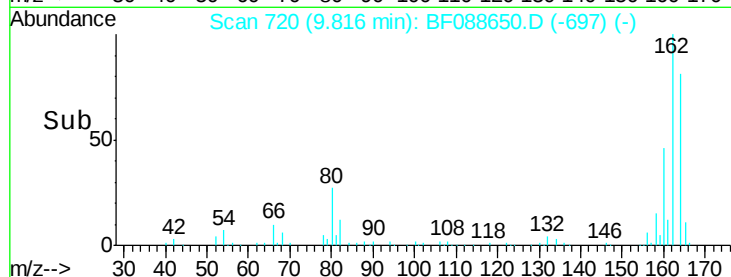
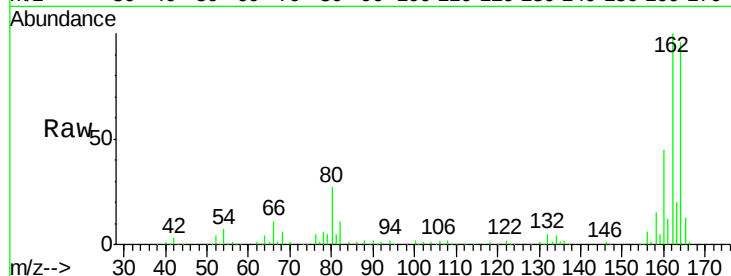
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.4	128.2
160	46.9	39.5	59.3

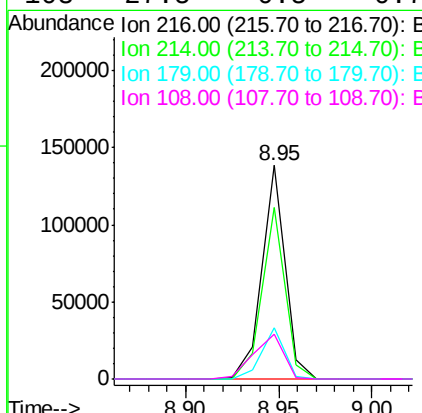
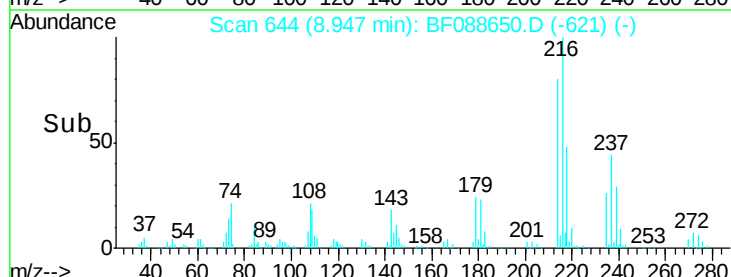
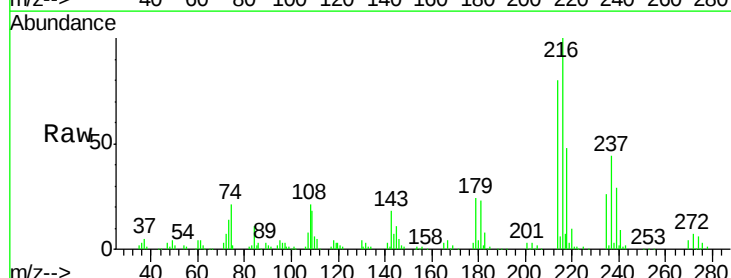
Manual Integrations

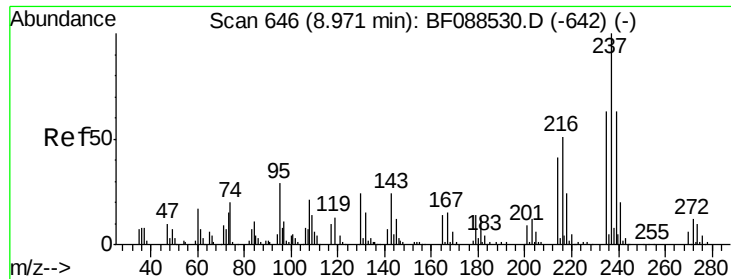
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 16.65 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	2.9	4.3#
179	23.7	0.0	0.0#
108	27.5	0.5	0.7#





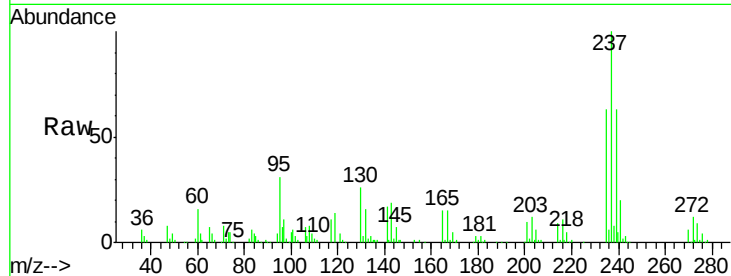
#40
Hexachlorocyclopentadiene
Concen: 52.27 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	182168		
235	62.6	43.4	83.4	
272	11.7	0.0	32.3	

Manual Integrations

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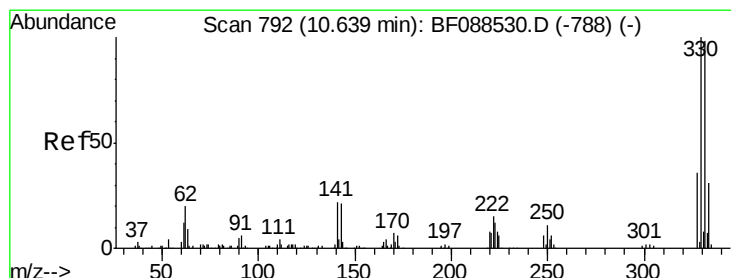
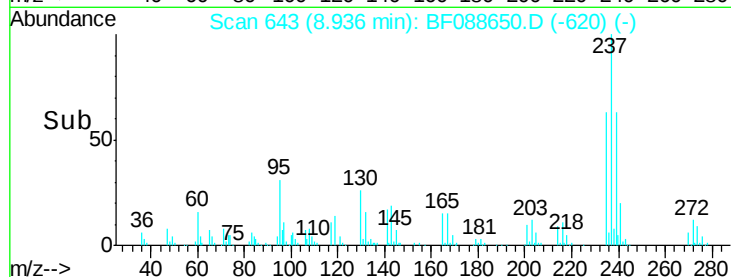
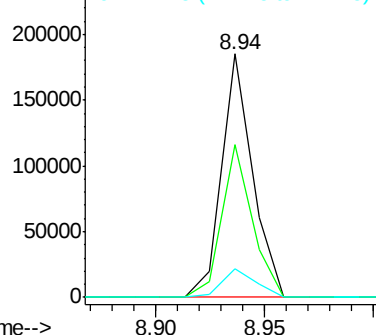


Abundance

Ion 236.80 (236.50 to 237.50): E

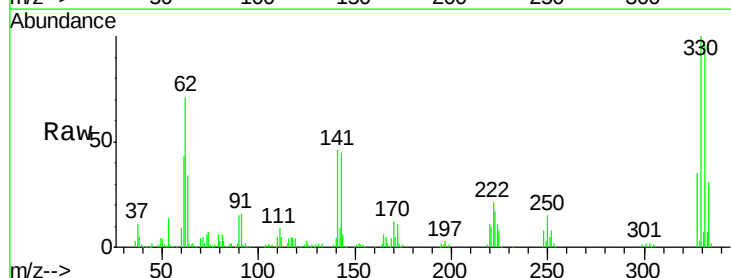
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41
2,4,6-Tribromophenol
Concen: 112.54 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	223110		
332	96.6	0.0	0.0#	
141	42.9	0.0	0.0#	

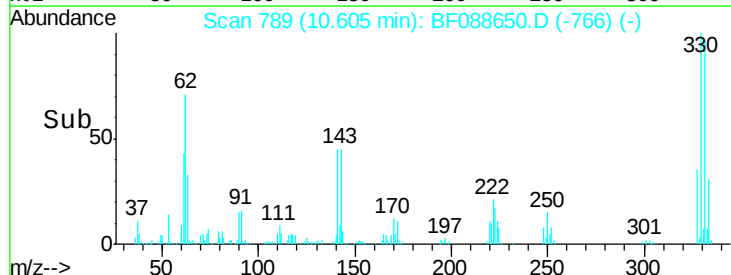
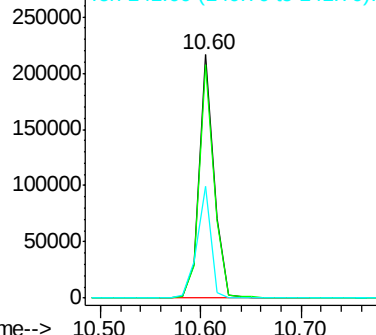


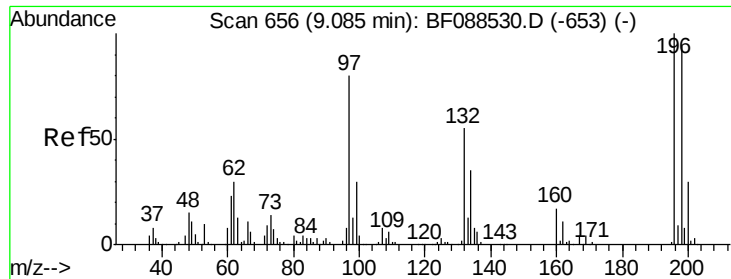
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





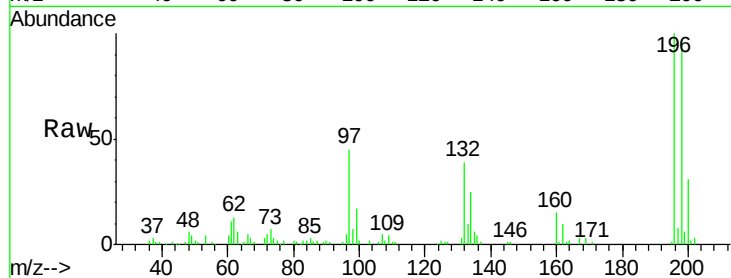
#42
2,4,6-Trichlorophenol
Concen: 18.26 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	85469		
198	97.4	78.0	117.0	
200	31.2	25.4	38.2	

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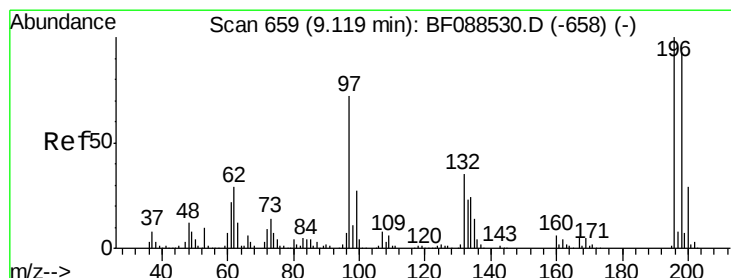
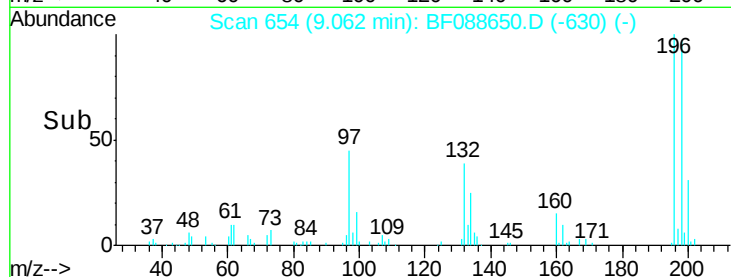
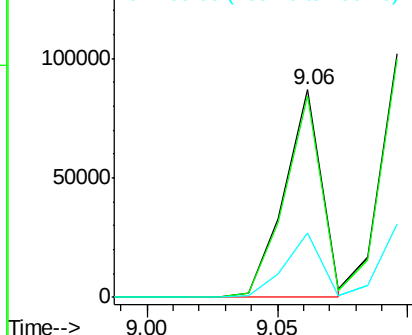


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43
2,4,5-Trichlorophenol
Concen: 22.36 ng
RT: 9.10 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	90055		
198	98.2	77.5	116.3	
97	53.4	32.0	48.0#	
132	29.6	20.9	31.3	

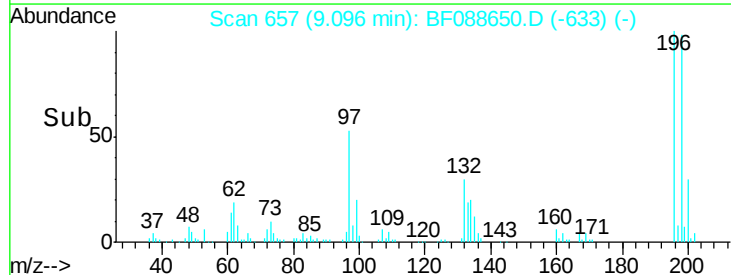
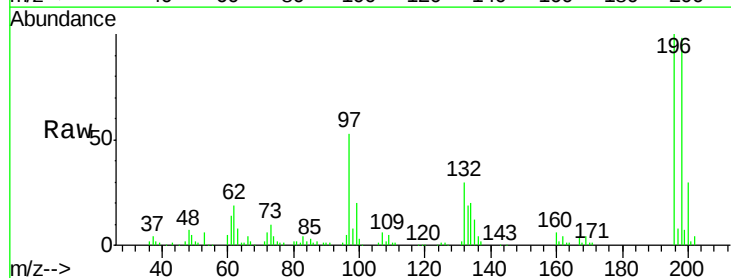
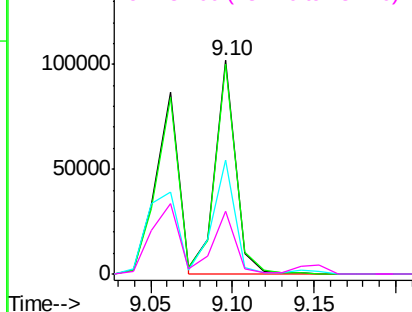
Abundance

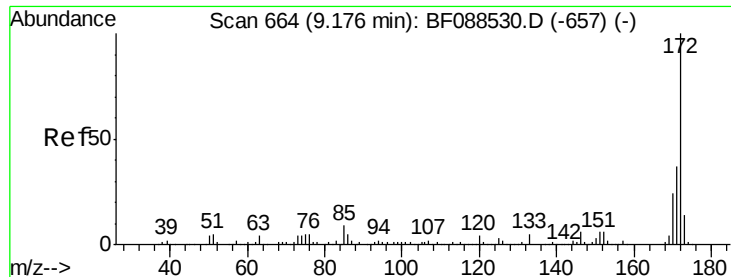
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 87.45 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF088650.D

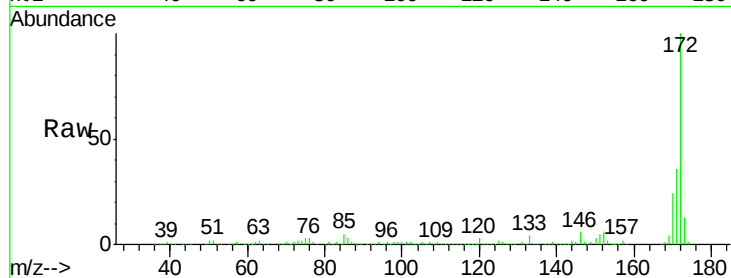
Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS



Tot Ion:172 Resp: 1181974

Ion Ratio Lower Upper

172 100

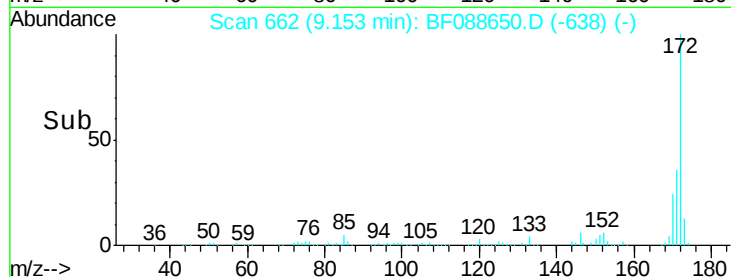
171 35.9 28.6 43.0

170 23.9 19.2 28.8

Manual Integrations

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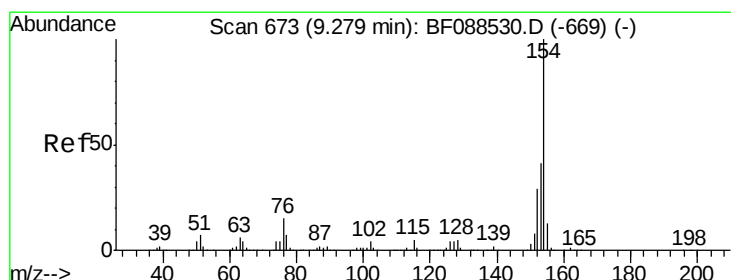
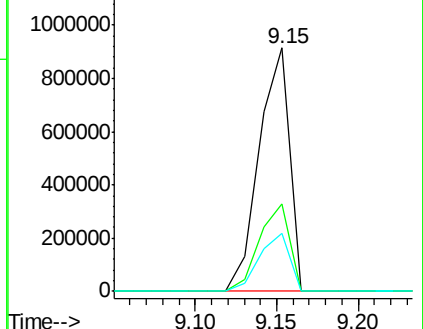
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 20.53 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

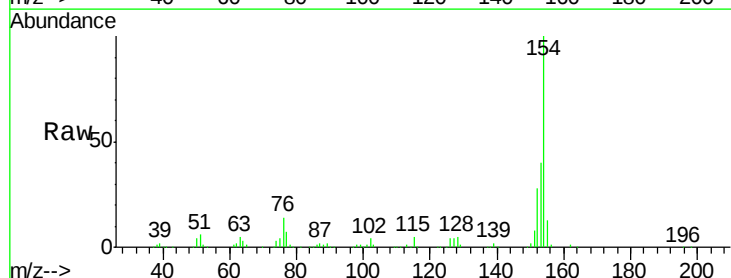
Tgt Ion:154 Resp: 363001

Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

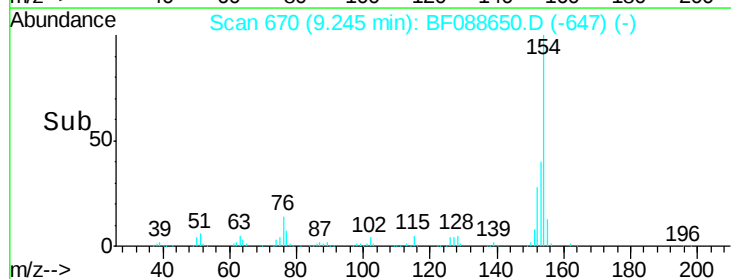
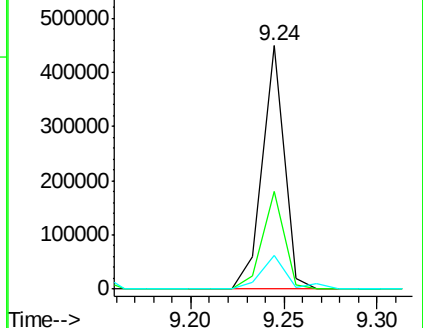
76 14.1 0.0 35.1

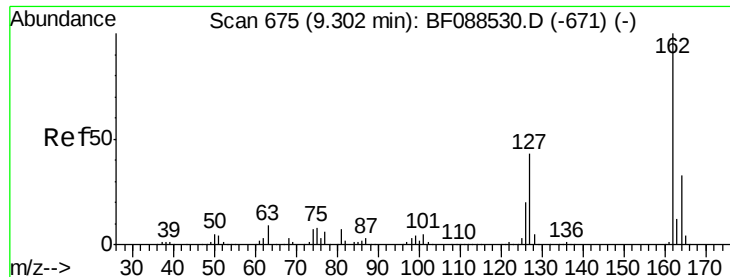


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





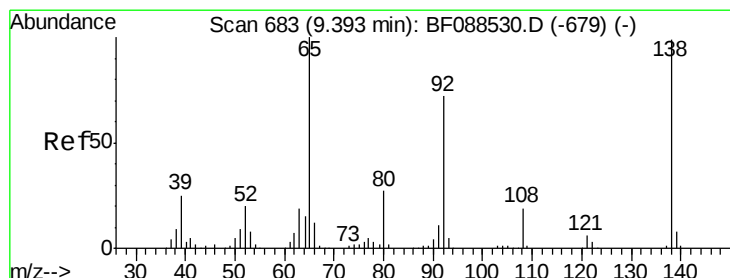
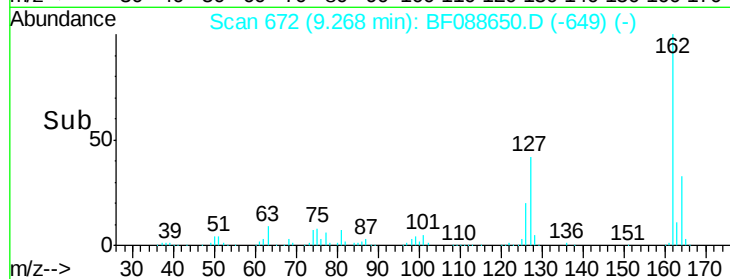
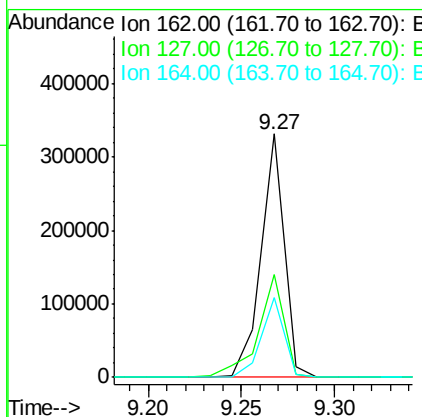
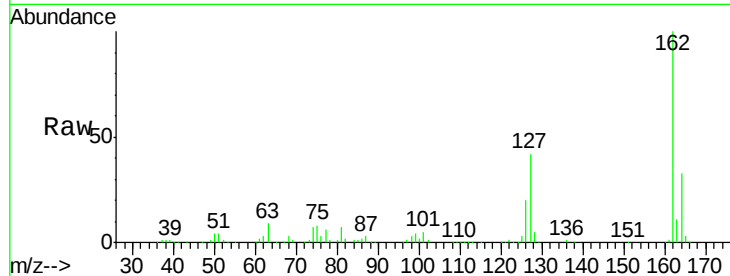
#46
2-Chloronaphthalene
Concen: 20.39 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	35.2	52.8
164	32.7	26.6	39.8

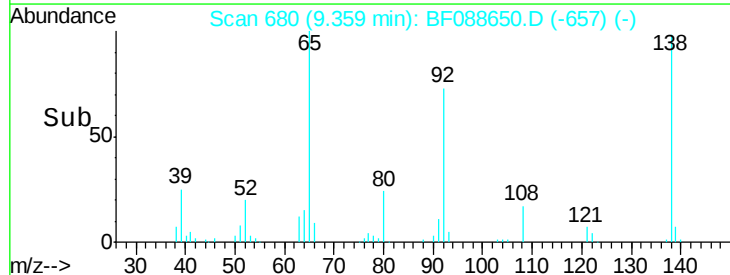
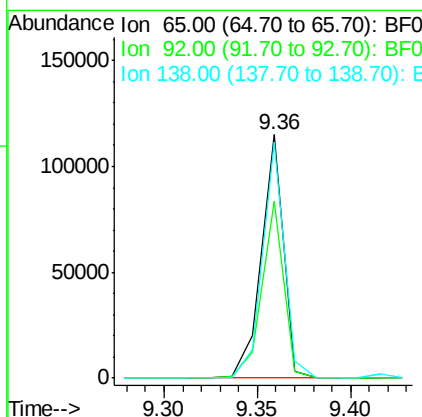
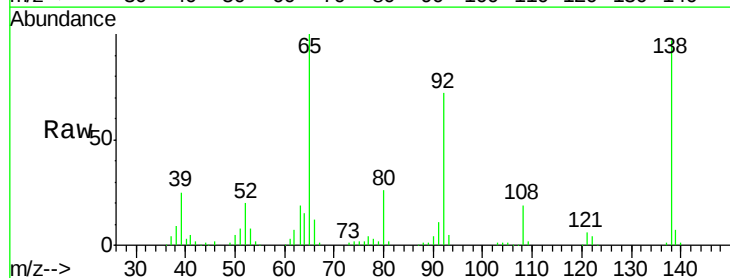
Manual Integrations

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#47
2-Nitroaniline
Concen: 19.39 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	54.6	82.0
138	97.1	77.0	115.4





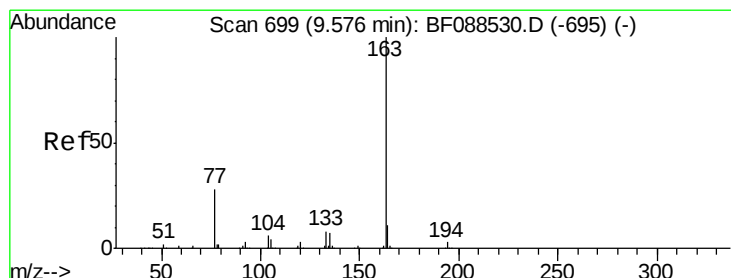
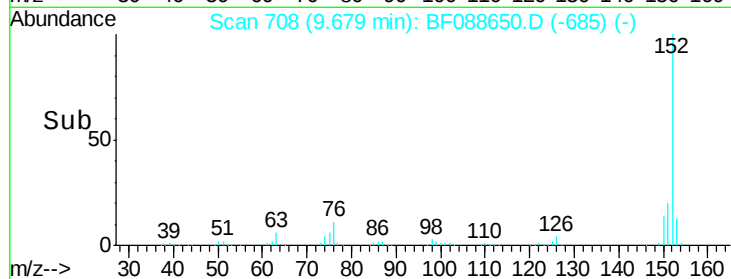
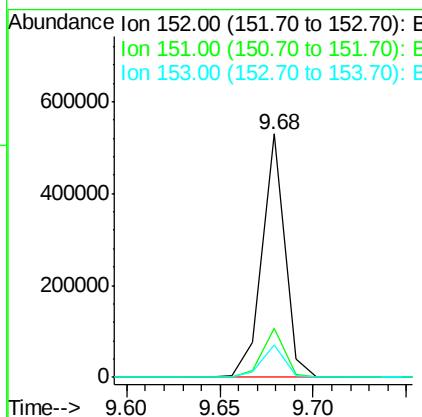
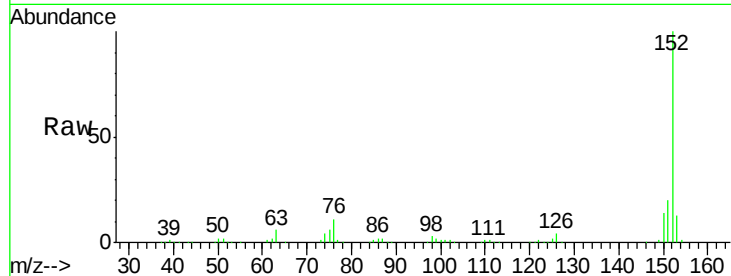
#48
Acenaphthylene
Concen: 20.20 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.4	11.0	16.6

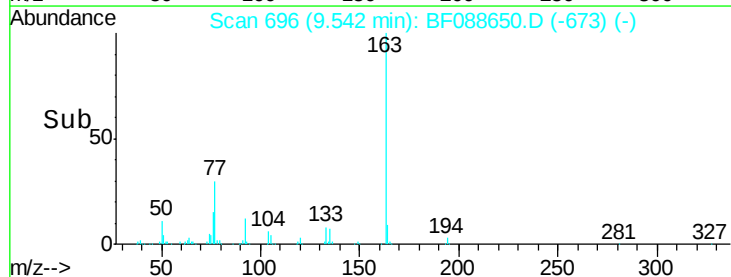
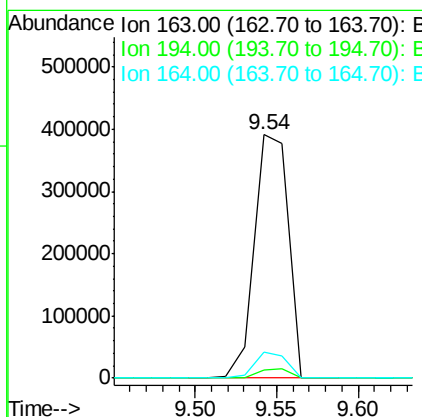
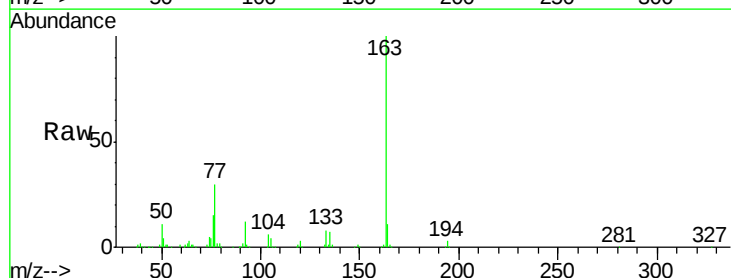
Manual Integrations

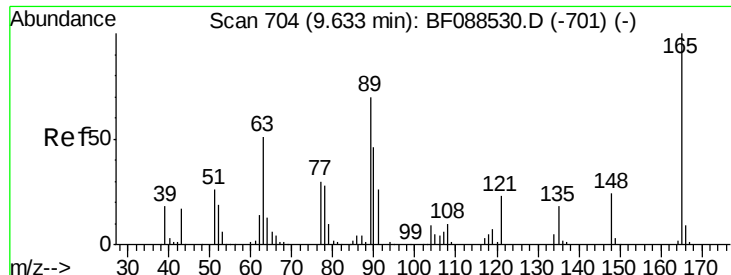
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#49
Dimethylphthalate
Concen: 37.06 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.7	8.3	12.5





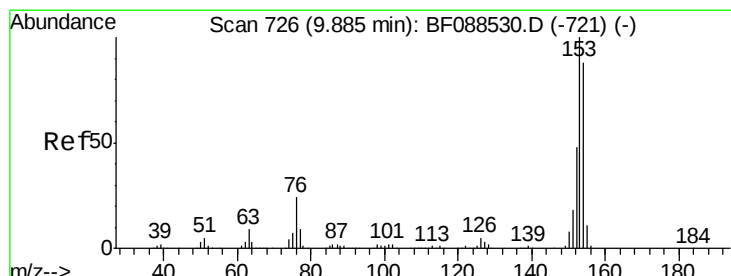
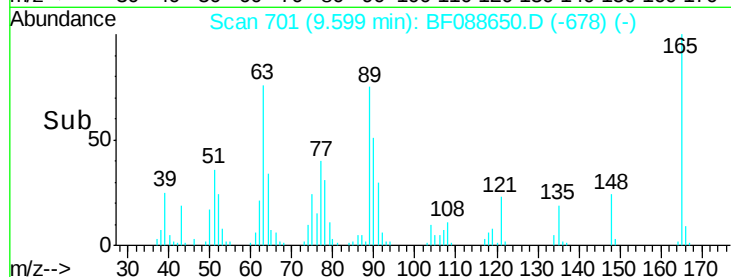
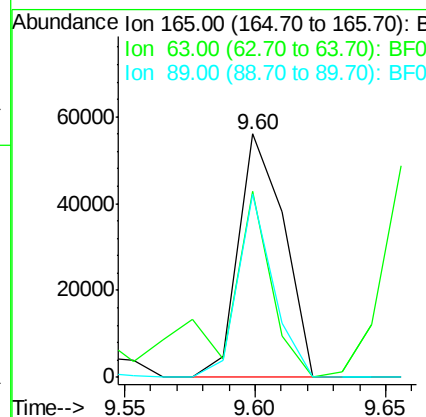
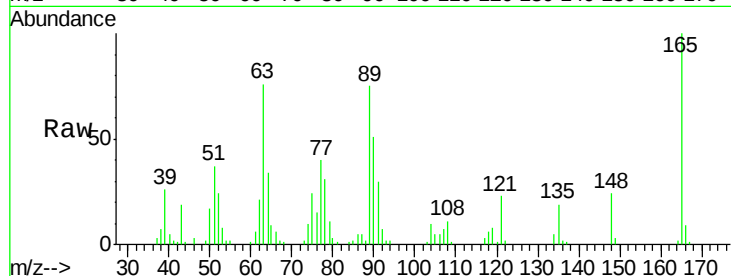
#50
2,6-Dinitrotoluene
Concen: 20.12 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	67836		
63	76.4	28.1	42.1#	
89	75.3	32.2	48.2#	

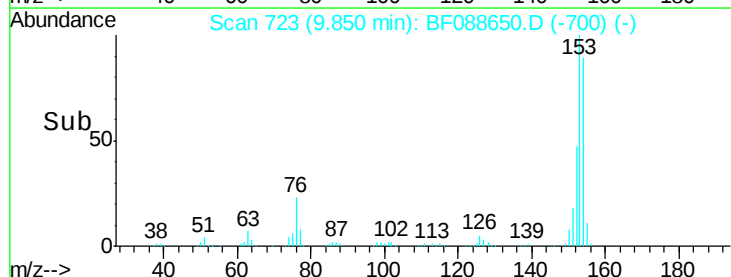
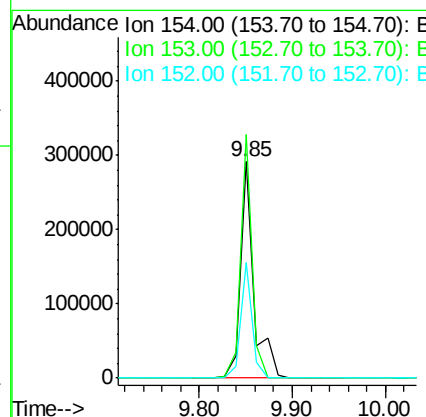
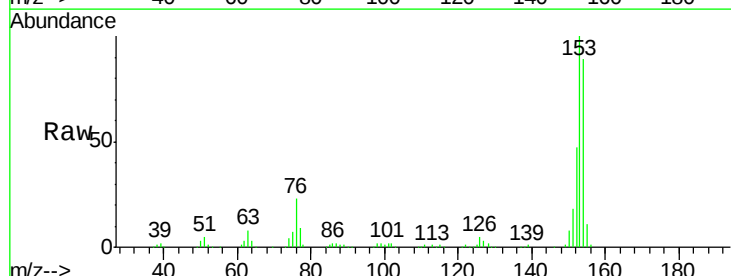
Manual Integrations

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#51
Acenaphthene
Concen: 21.62 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	292689		
153	112.6	89.5	134.3	
152	53.3	42.7	64.1	





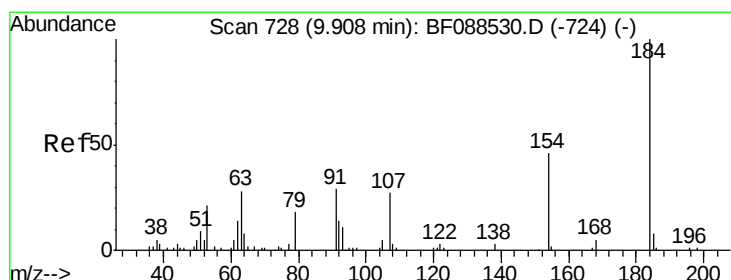
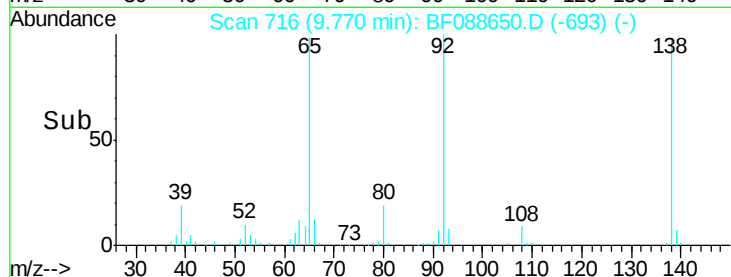
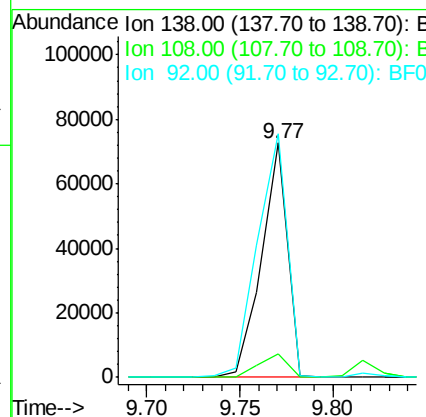
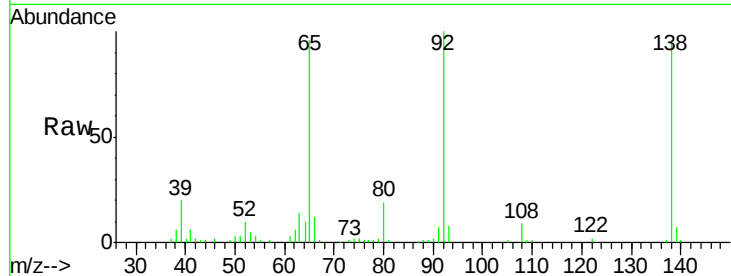
#52
3-Nitroaniline
Concen: 16.25 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.5	12.7
92	103.9	95.7	143.5

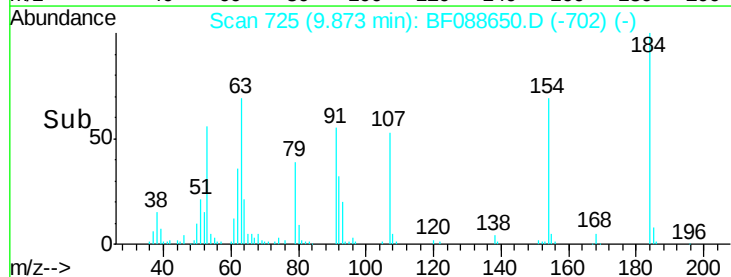
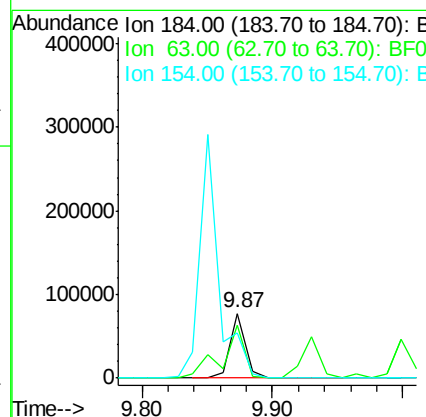
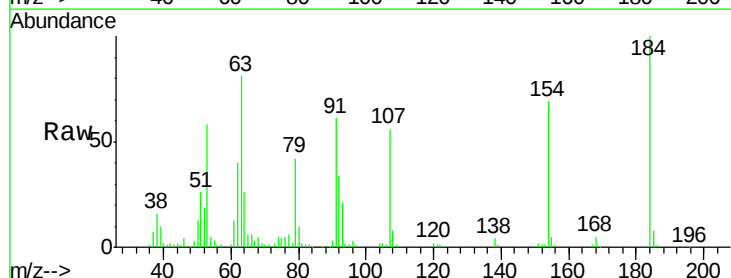
Manual Integrations

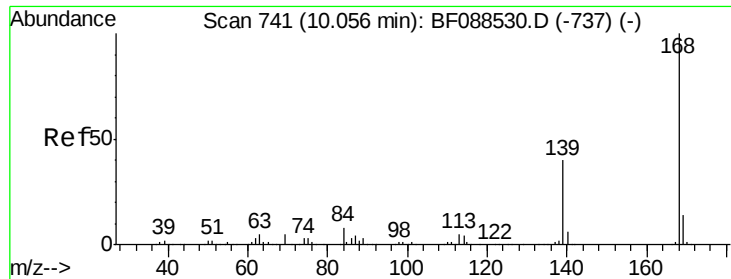
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#53
2,4-Dinitrophenol
Concen: 43.03 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	81.1	57.6	86.4
154	69.2	53.5	80.3





#54

Dibenzofuran

Concen: 21.85 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF088650.D

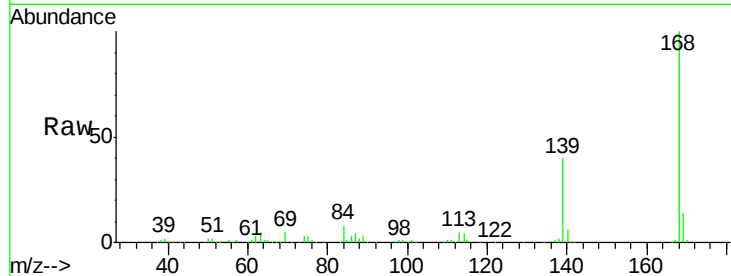
Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

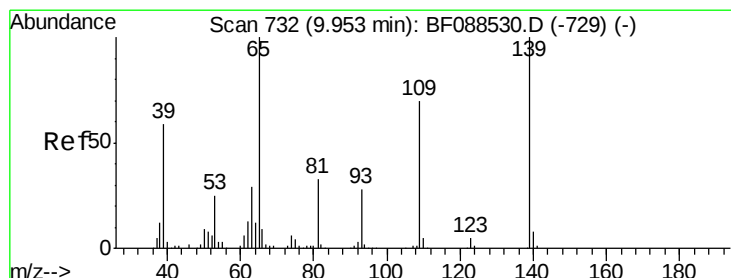
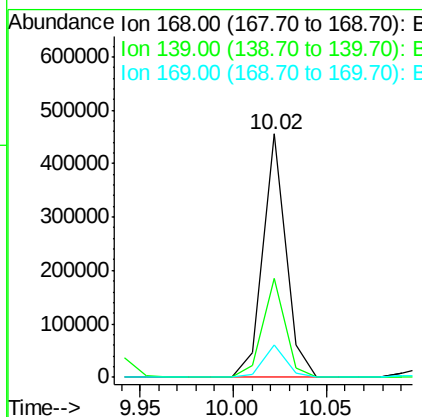
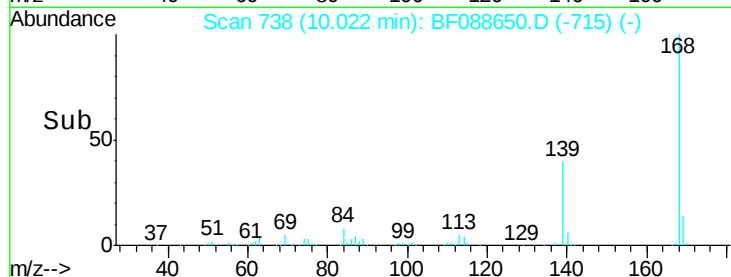


Tot Ion:	168	Resp:	387149
Ion Ratio	Lower	Upper	
168	100		
139	40.4	26.4	39.6#
169	13.5	10.4	15.6

Manual Integrations

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#55

4-Nitrophenol

Concen: 48.79 ng

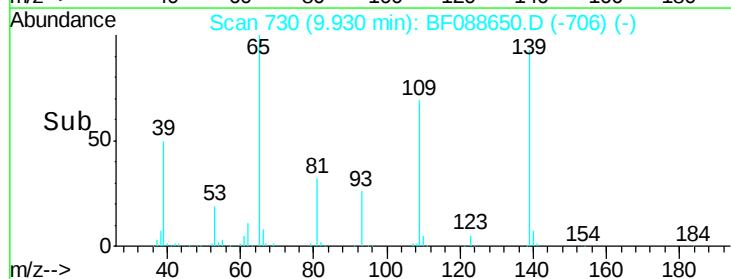
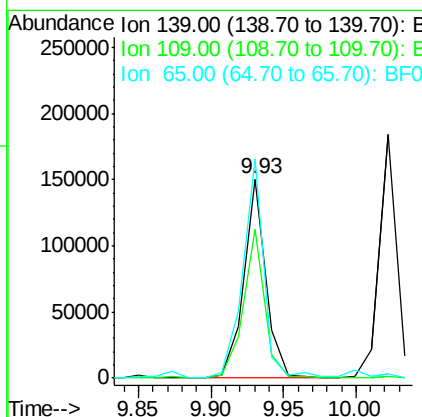
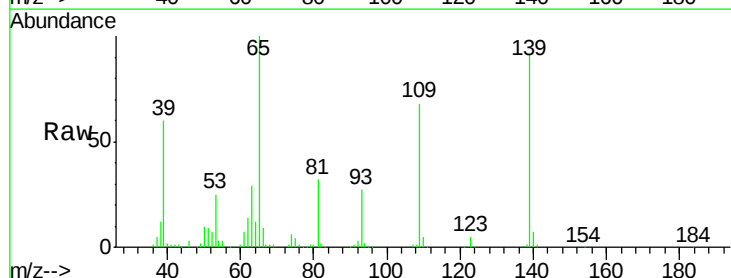
RT: 9.93 min Scan# 730

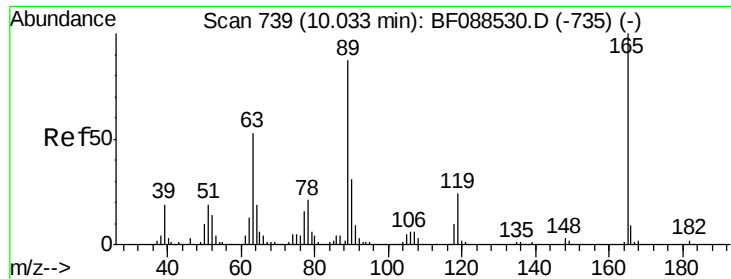
Delta R.T. -0.02 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Tgt Ion:	139	Resp:	158899
Ion Ratio	Lower	Upper	
139	100		
109	75.0	48.9	88.9
65	110.0	84.9	124.9





#56

2,4-Dinitrotoluene

Concen: 19.79 ng

RT: 10.00 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF088650.D

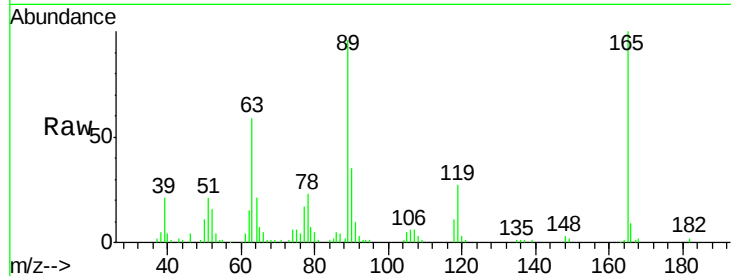
Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS



Tot Ion:165 Resp: 87246

Ion Ratio Lower Upper

165 100

63 58.9 22.0 33.0#

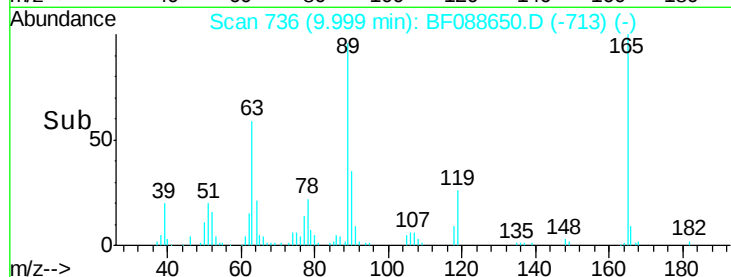
89 96.1 41.1 61.7#

182 2.2 2.0 3.0

Manual Integrations

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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->

10.00

80000

60000

40000

20000

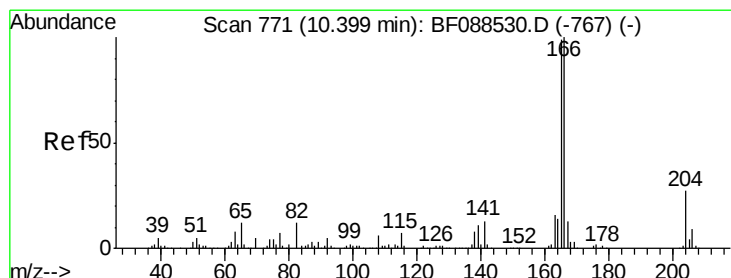
0

9.90

9.95

10.00

10.05



#57

Fluorene

Concen: 22.35 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

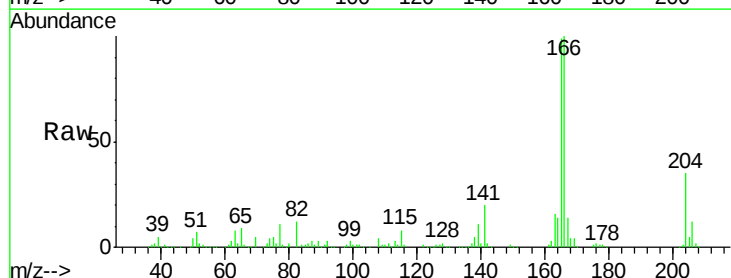
Tgt Ion:166 Resp: 305095

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.8

167 13.6 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->

10.36

500000

400000

300000

200000

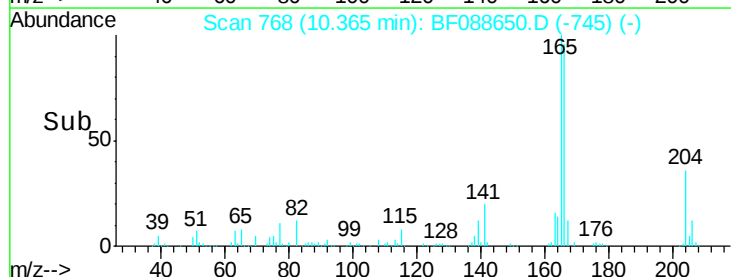
100000

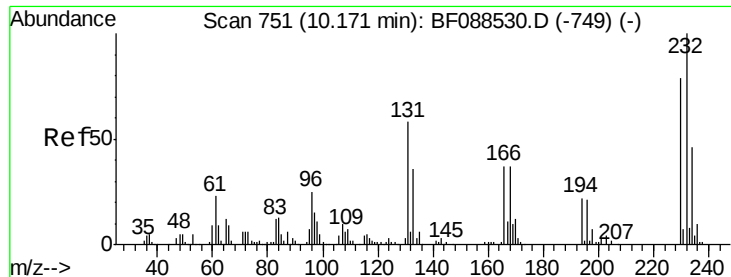
0

10.30

10.35

10.40





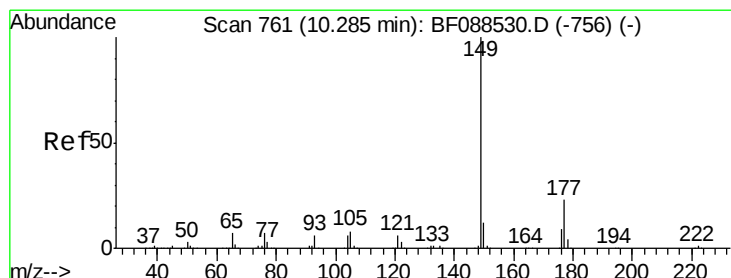
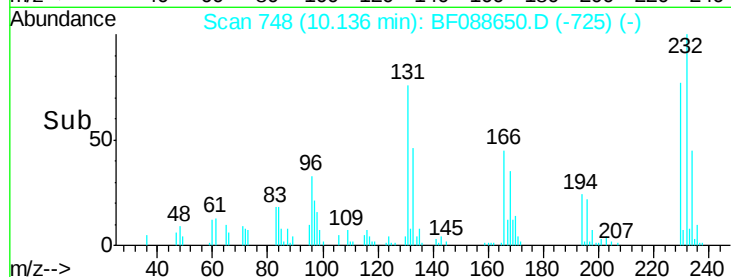
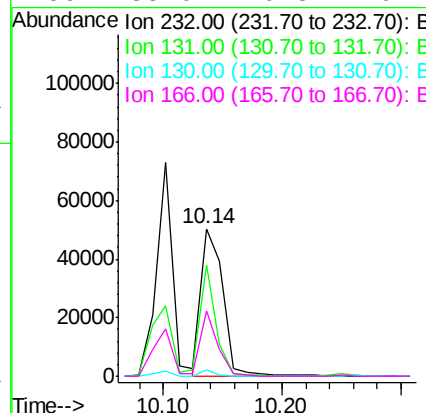
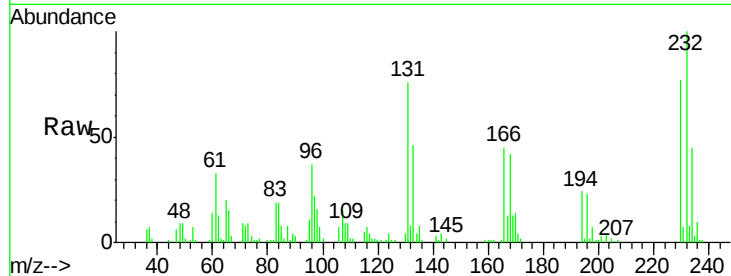
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 21.07 ng
 RT: 10.14 min Scan# 748
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Tot Ion:232 Resp: 65652
 Ion Ratio Lower Upper
 232 100
 131 55.4 0.9 1.3#
 130 2.7 1.5 2.3#
 166 35.0 0.5 0.7#

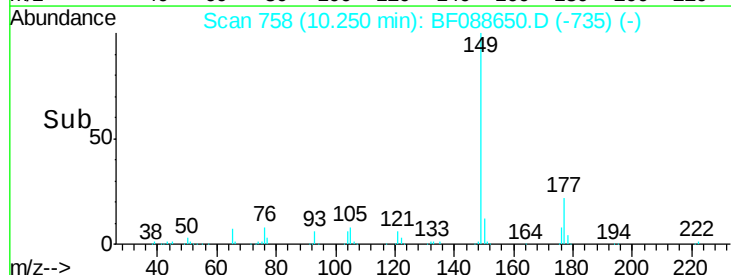
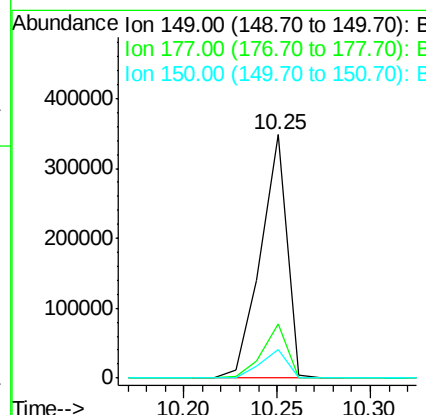
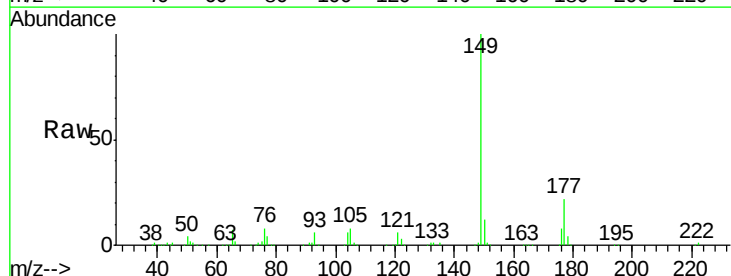
Manual Integrations

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#59
 Diethylphthalate
 Concen: 22.60 ng
 RT: 10.25 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Tgt Ion:149 Resp: 344936
 Ion Ratio Lower Upper
 149 100
 177 22.1 16.9 25.3
 150 11.9 10.1 15.1





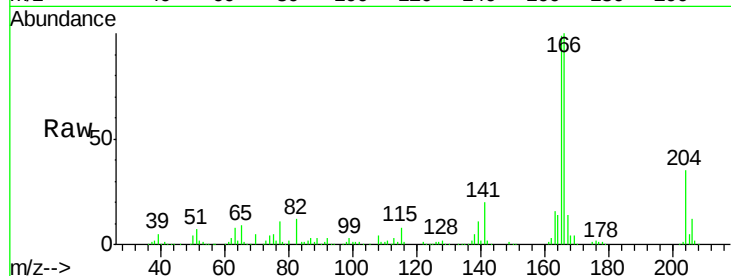
#60
4-Chlorophenyl-phenylether
Concen: 20.37 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

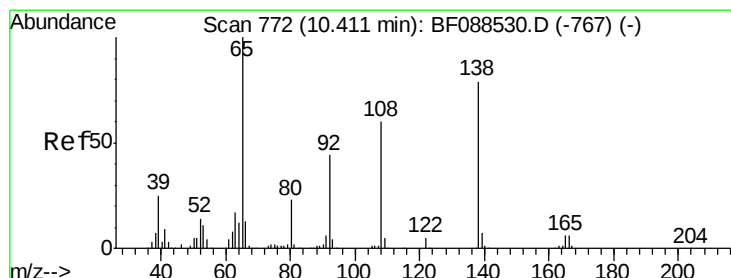
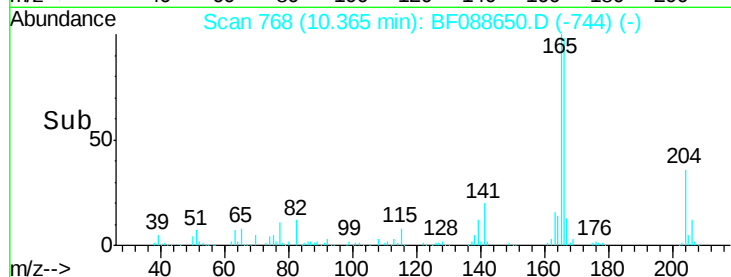
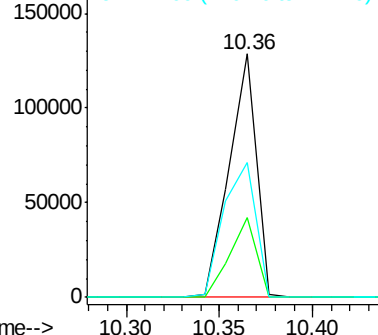
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.3	39.5
141	55.3	55.0	82.6

Manual Integrations

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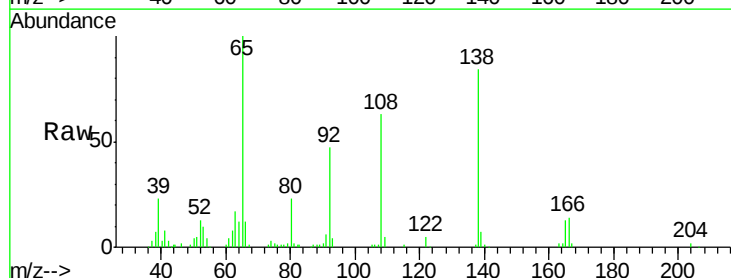


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

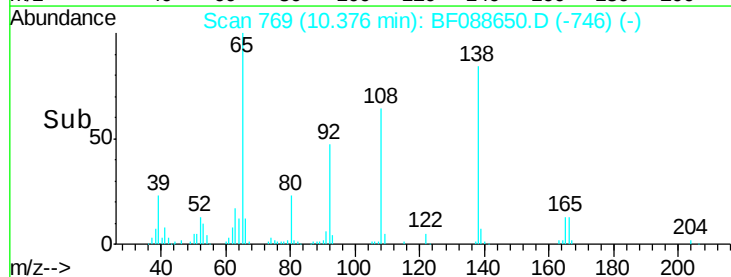
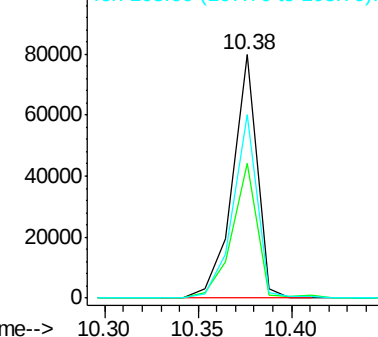


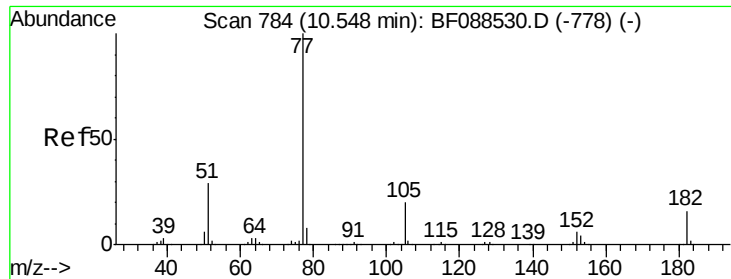
#61
4-Nitroaniline
Concen: 17.50 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.5	27.3	67.3
108	75.3	46.7	86.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 21.46 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF088650.D

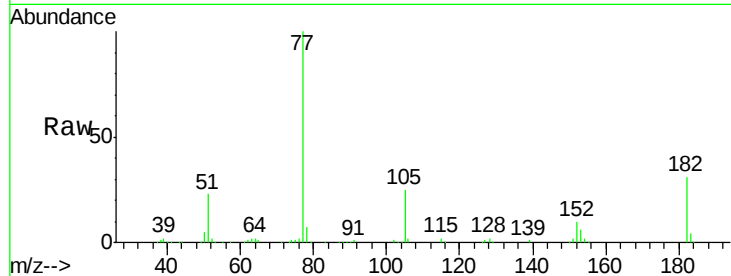
Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS



Tot Ion: 77 Resp: 373631

Ion Ratio Lower Upper

77 100

182 31.2 4.4 44.4

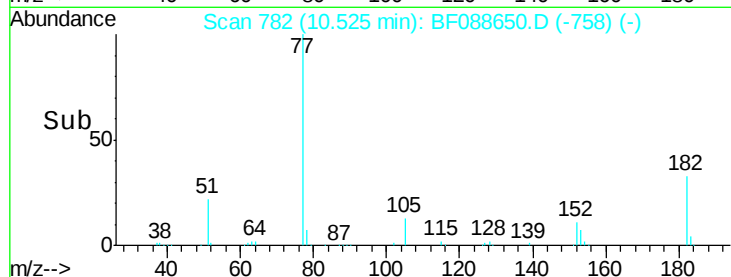
105 24.6 3.8 43.8

51 23.2 9.3 49.3

Manual Integrations

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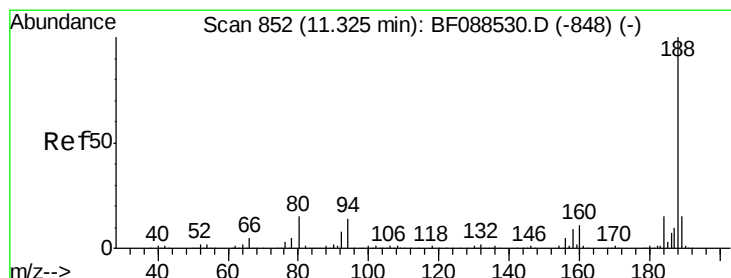
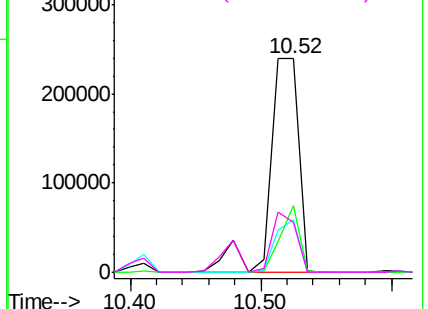


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.02 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

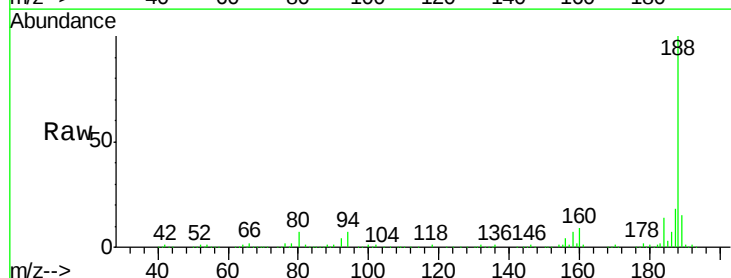
Tgt Ion: 188 Resp: 416776

Ion Ratio Lower Upper

188 100

94 6.8 9.0 13.6#

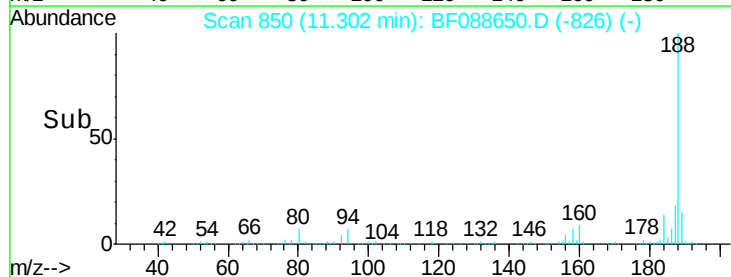
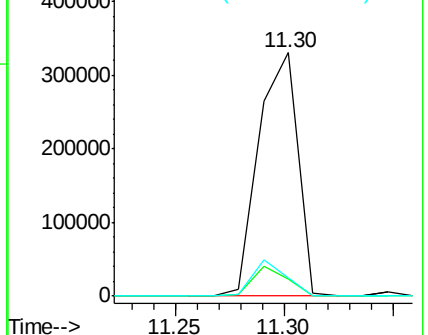
80 7.3 10.0 15.0#

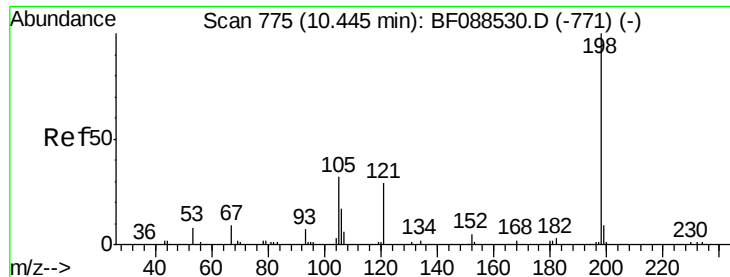


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 18.78 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

Tot Ion:198 Resp: 41873

Ion Ratio Lower Upper

198 100

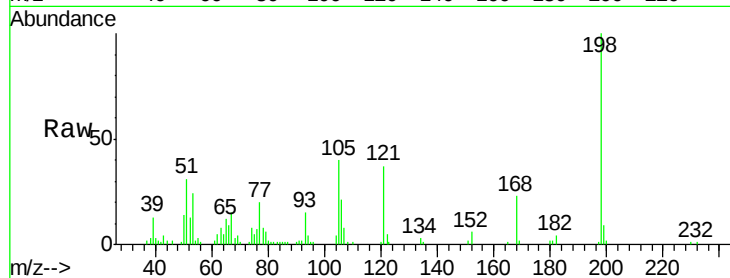
51 30.7 39.6 79.6#

105 40.3 36.6 76.6

Manual Integrations

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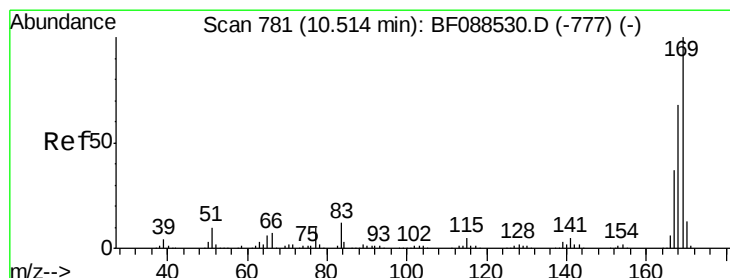
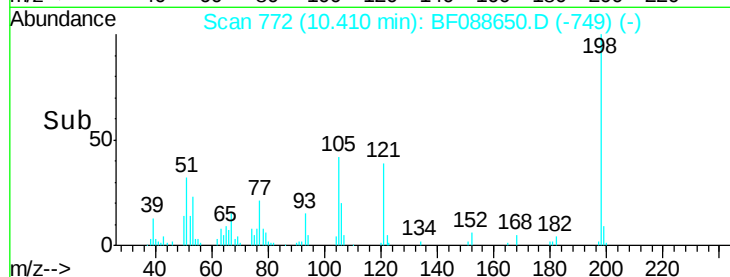
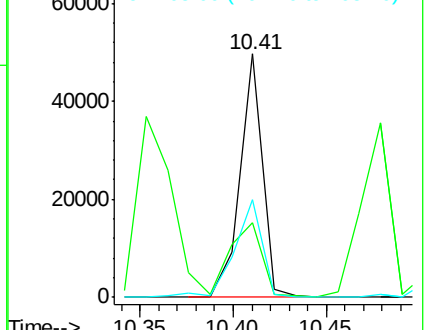
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 19.70 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

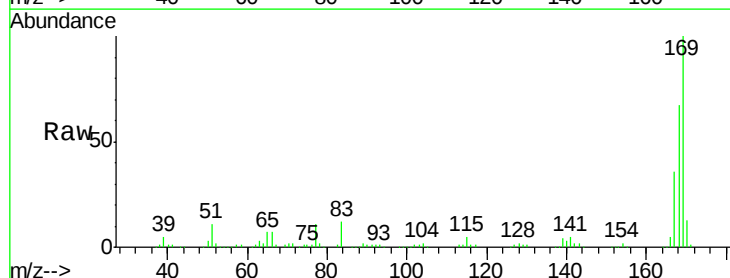
Tgt Ion:169 Resp: 277830

Ion Ratio Lower Upper

169 100

168 66.7 53.4 80.0

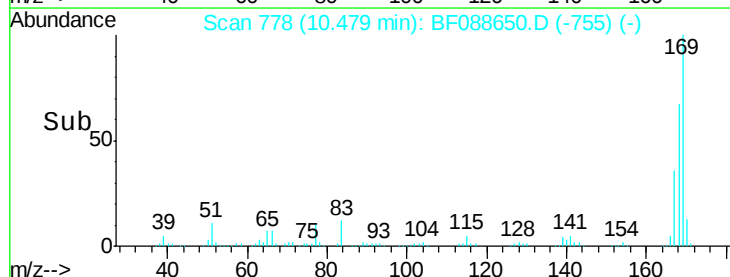
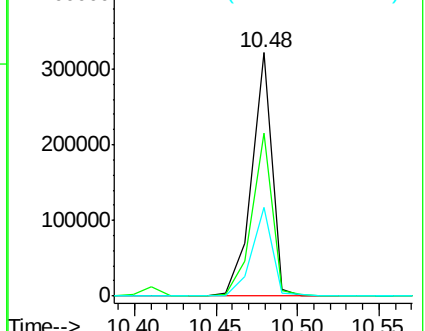
167 36.2 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





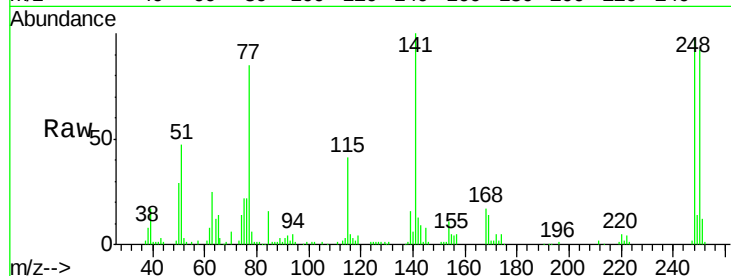
#66
4-Bromophenyl-phenylether
Concen: 18.91 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

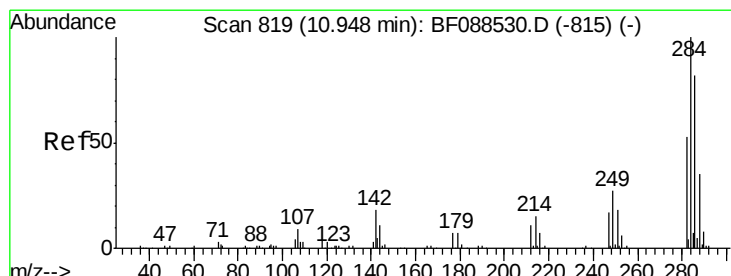
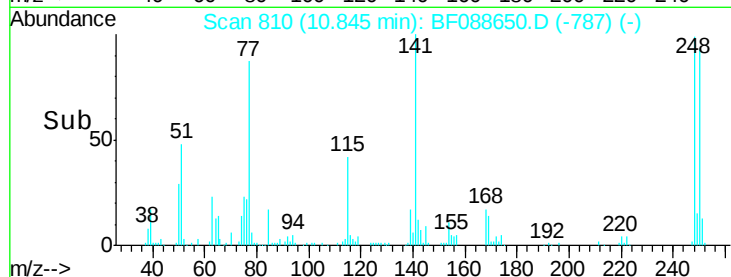
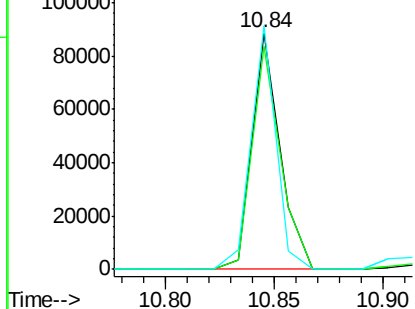
Tot Ion:248 Resp: 79415
Ion Ratio Lower Upper
248 100
250 94.4 77.1 115.7
141 103.0 50.6 76.0#

Manual Integrations

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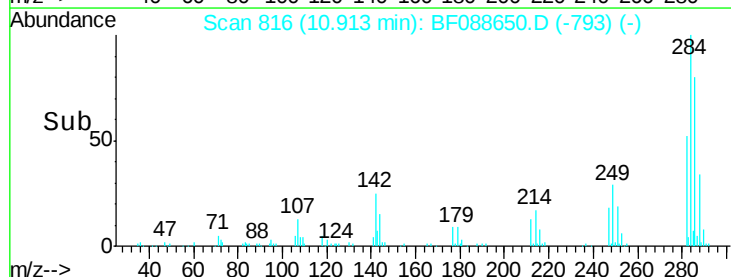
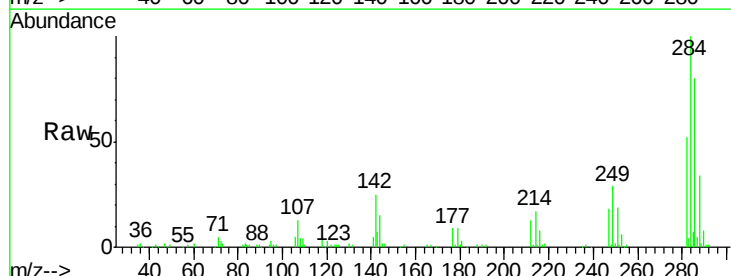
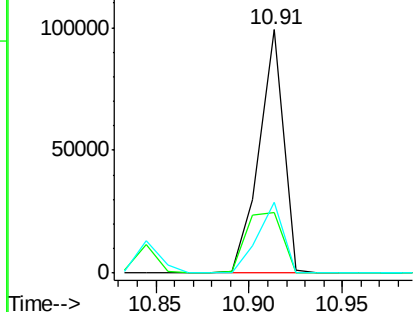
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

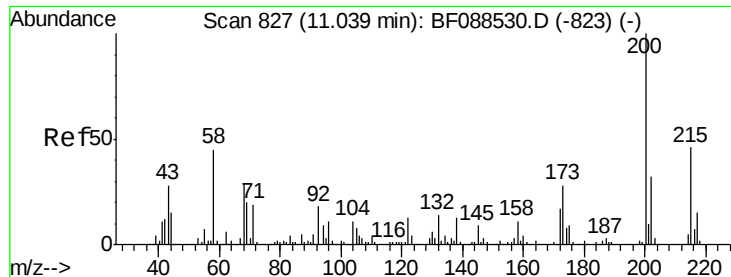


#67
Hexachlorobenzene
Concen: 19.34 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion:284 Resp: 89924
Ion Ratio Lower Upper
284 100
142 24.8 35.8 53.8#
249 29.2 25.8 38.6

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





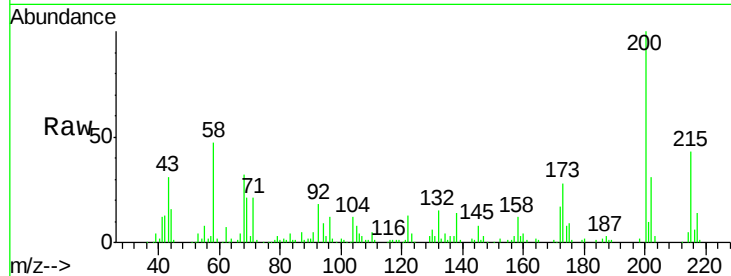
#68
Atrazine
Concen: 19.54 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

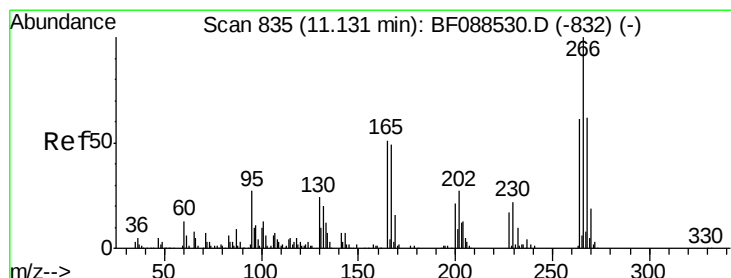
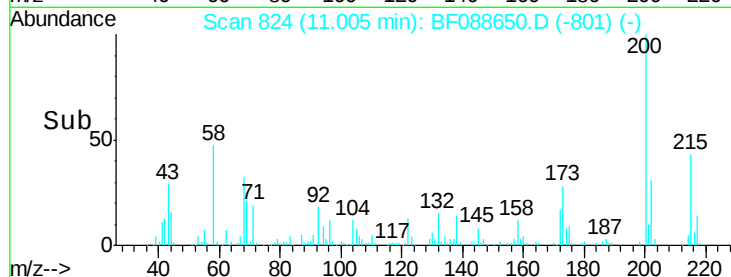
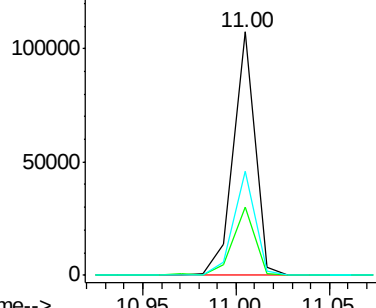
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	4.0	44.0
215	42.9	29.3	69.3

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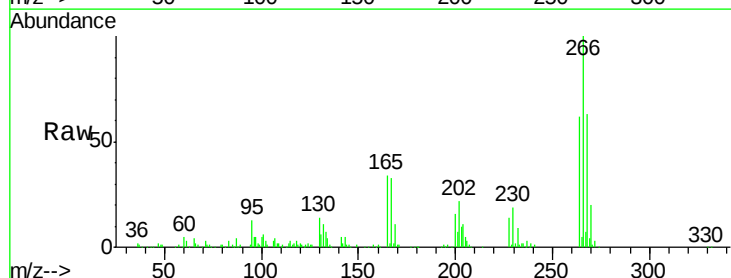


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

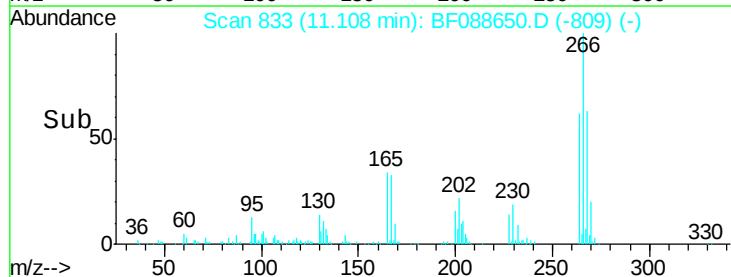
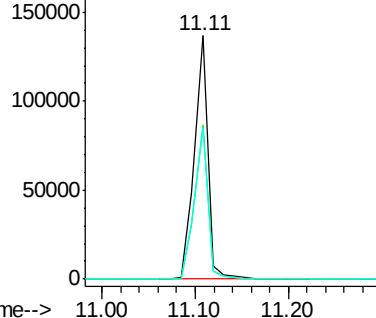


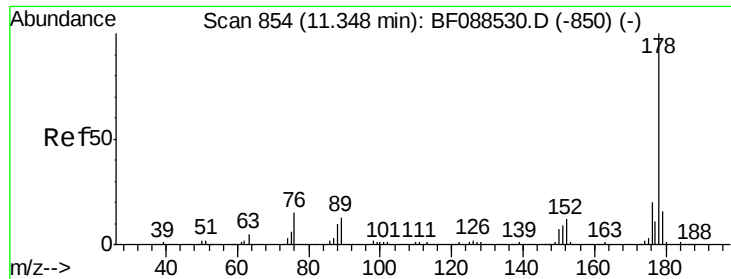
#69
Pentachlorophenol
Concen: 50.04 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.02 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	52.8	79.2
264	62.3	49.6	74.4



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





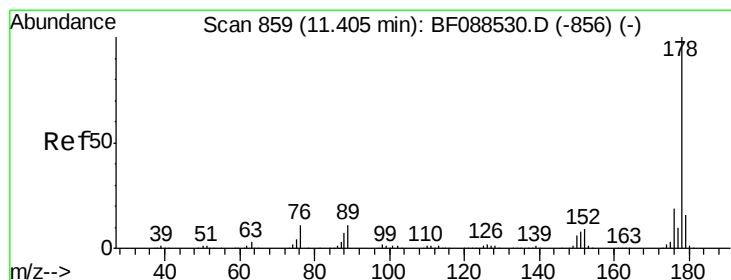
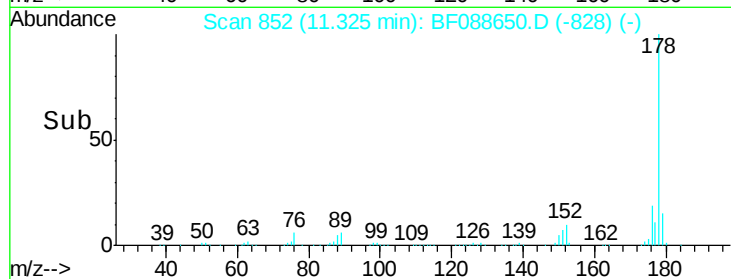
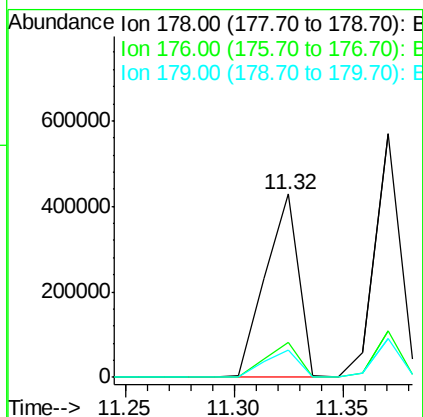
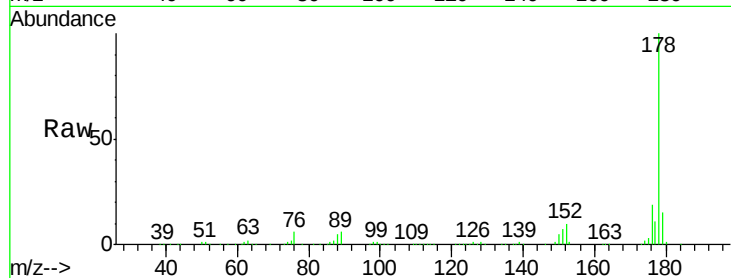
#70
Phenanthrene
Concen: 20.14 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.1	13.0	19.4

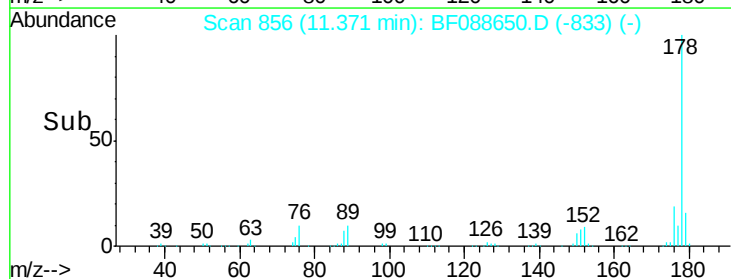
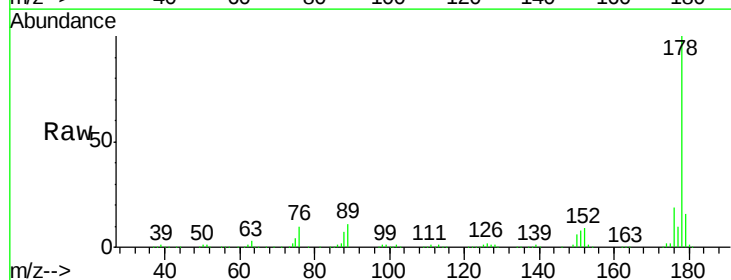
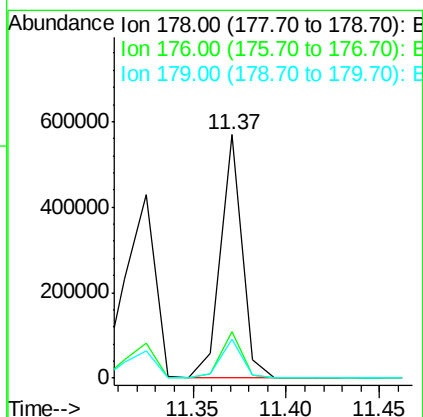
Manual Integrations

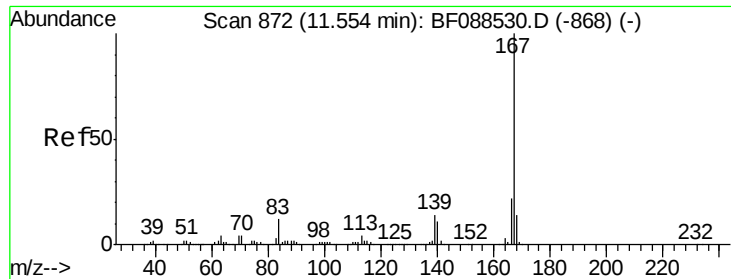
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#71
Anthracene
Concen: 20.38 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.7	12.8	19.2





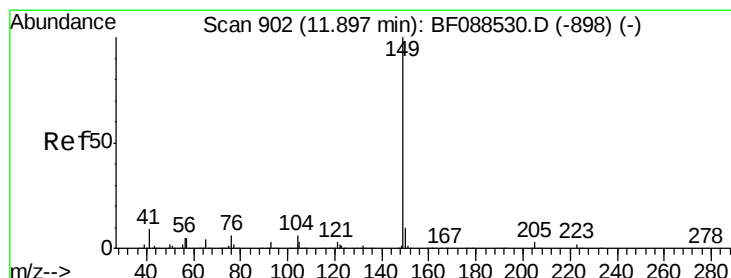
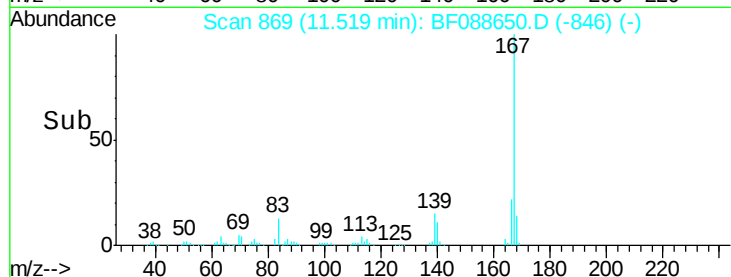
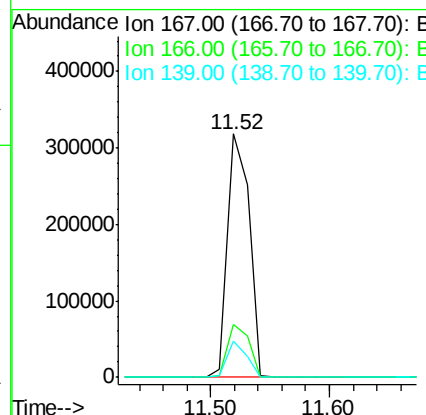
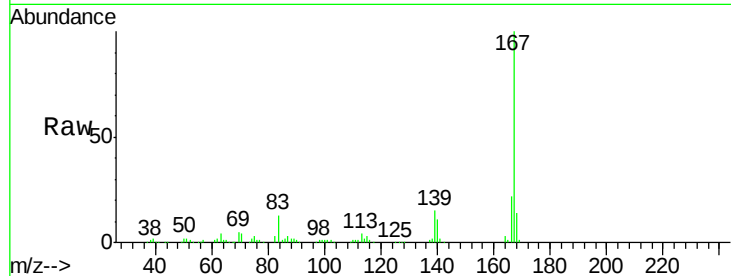
#72
 Carbazole
 Concen: 18.79 ng
 RT: 11.52 min Scan# 869
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.6	17.8	26.6	
139	14.7	11.2	16.8	

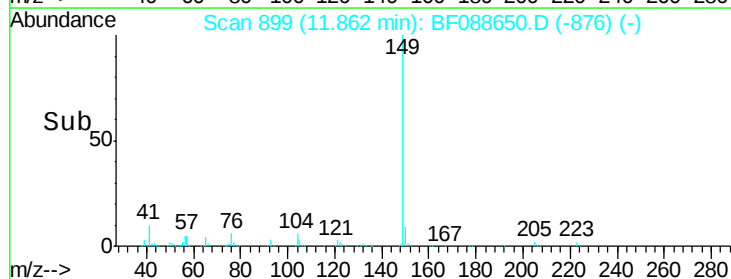
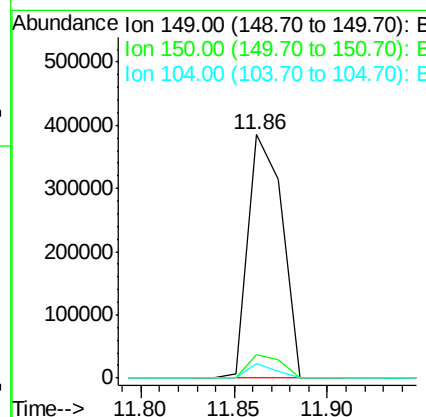
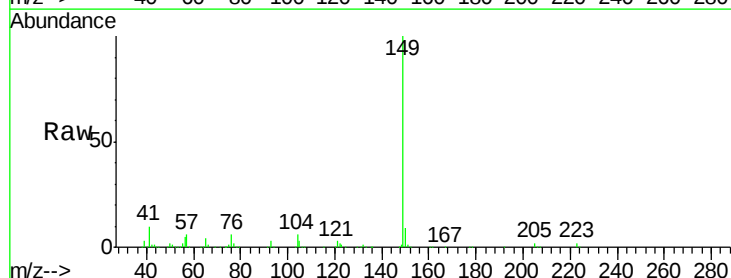
Manual Integrations

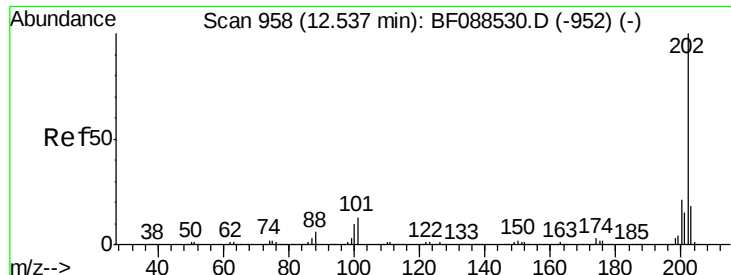
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#73
 Di-n-butylphthalate
 Concen: 19.59 ng
 RT: 11.86 min Scan# 899
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.5	7.8	11.6	
104	5.9	4.0	6.0	





#74

Fluoranthene

Concen: 19.85 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

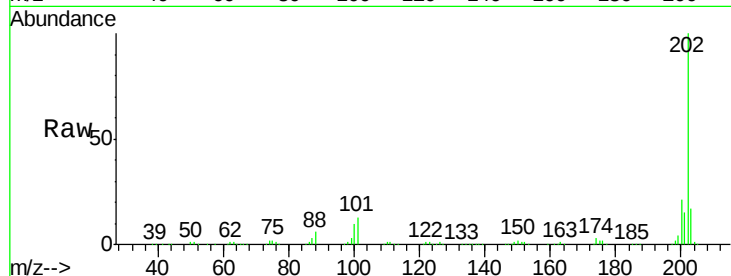
C1.2-6MS

Tot Ion:	202	Resp:	458572
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	33.1
203	17.4	0.0	38.1

Manual Integrations

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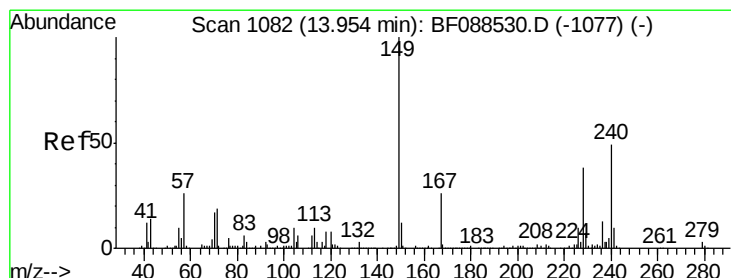
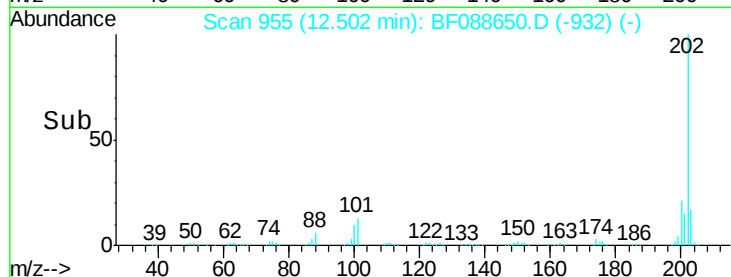
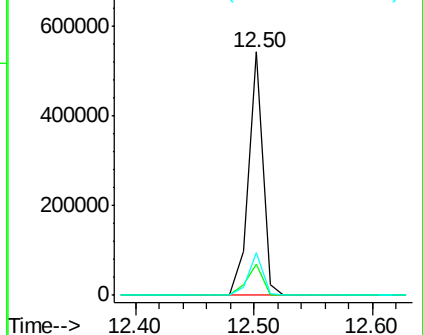
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

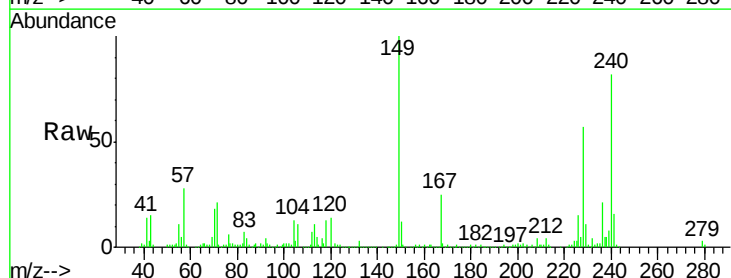
RT: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

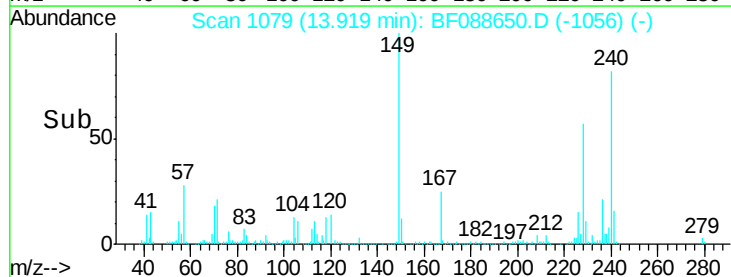
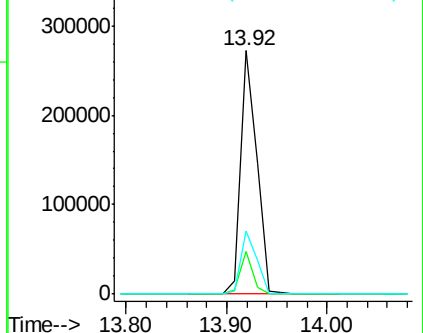
Tgt Ion:	240	Resp:	301380
Ion Ratio	Lower	Upper	
240	100		
120	17.4	6.8	10.2#
236	26.1	20.2	30.2

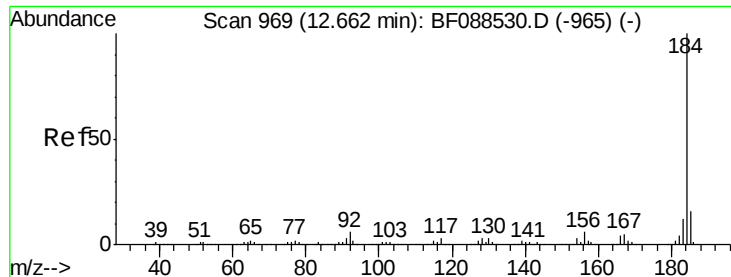


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.86 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

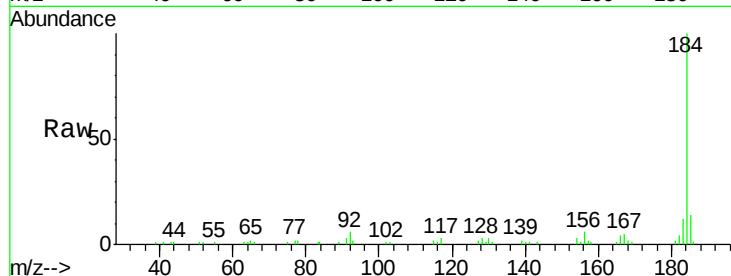
ClientSampleId :

C1.2-6MS

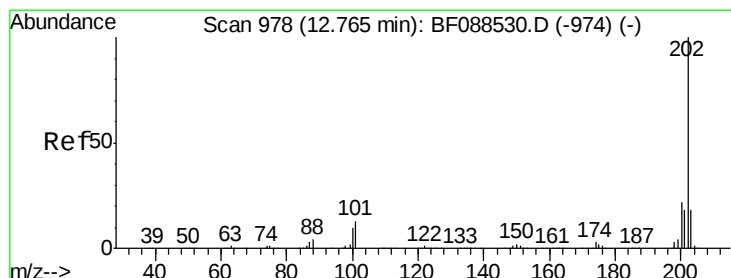
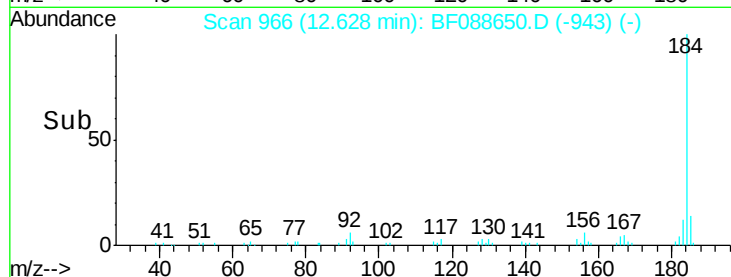
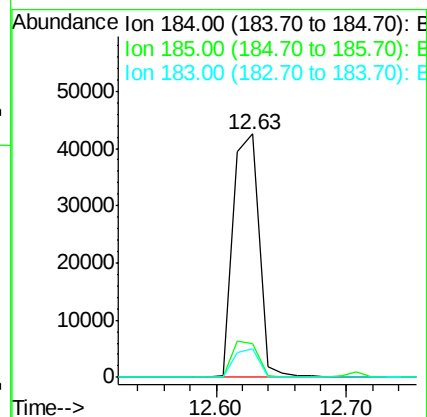
Manual Integrations

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Tot Ion:184	Resp:	58822
Ion Ratio	Lower	Upper
184	100	
185	14.0	12.5 18.7
183	11.6	9.3 13.9



#77

Pyrene

Concen: 18.50 ng

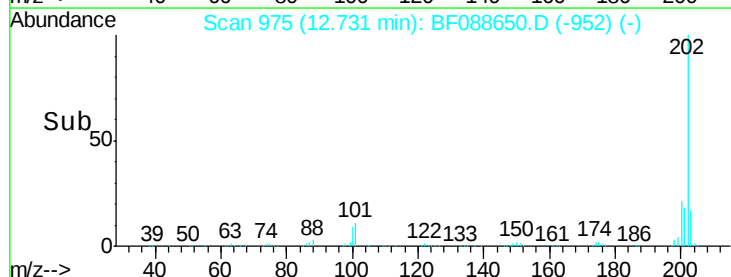
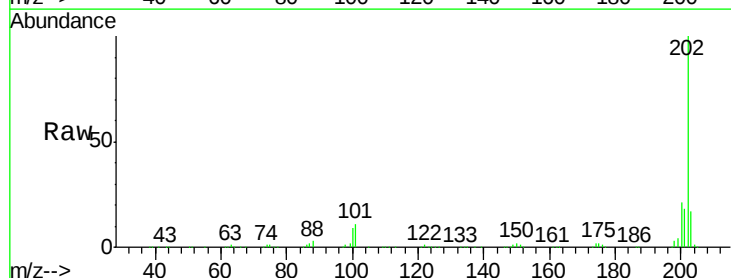
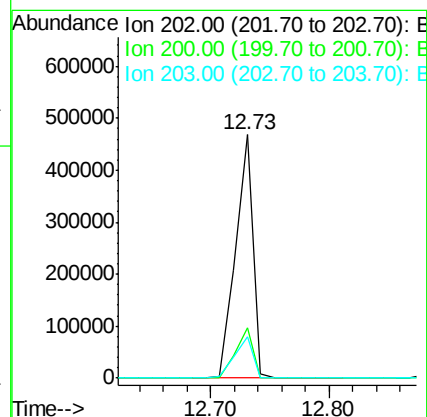
RT: 12.73 min Scan# 975

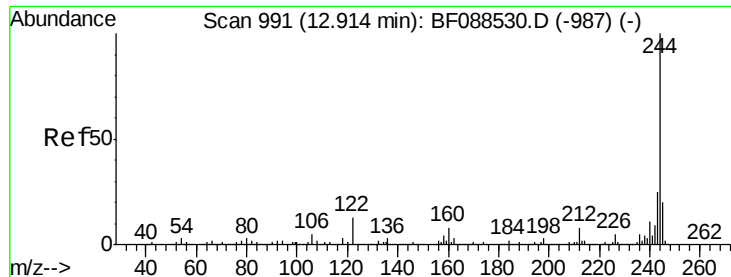
Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Tgt Ion:202	Resp:	472822
Ion Ratio	Lower	Upper
202	100	
200	20.8	17.4 26.2
203	17.1	14.5 21.7





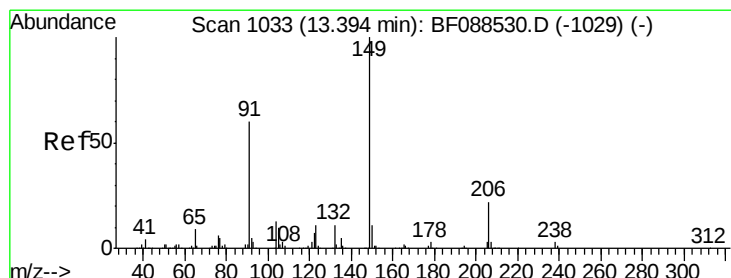
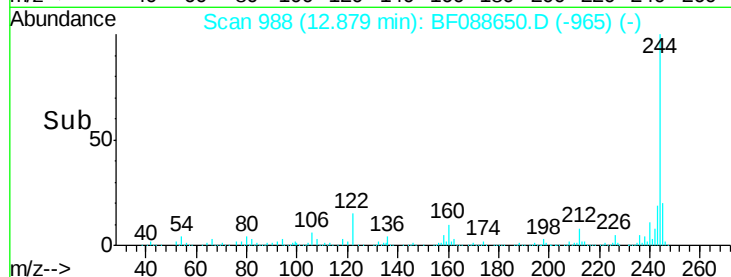
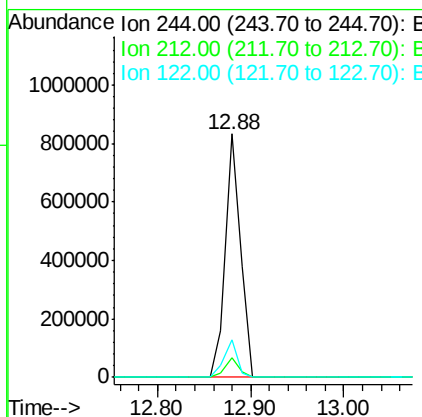
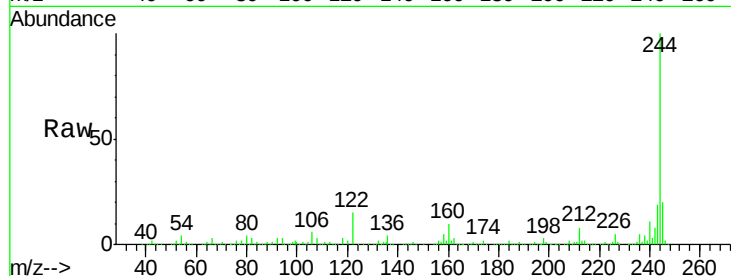
#78
 Terphenyl-d14
 Concen: 69.89 ng
 RT: 12.88 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Instrument :
 BNA_F
 ClientSampled :
 C1.2-6MS

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

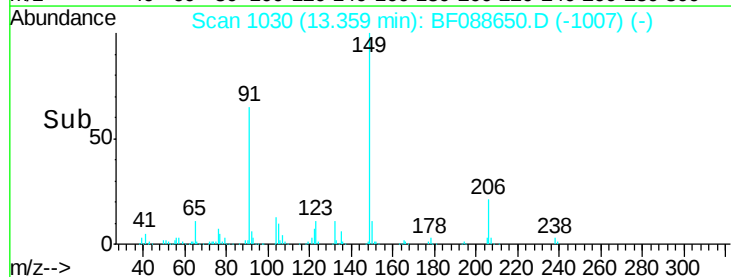
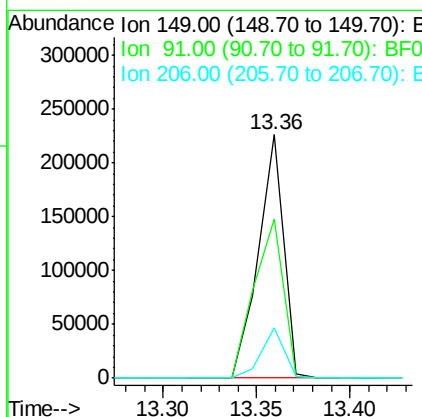
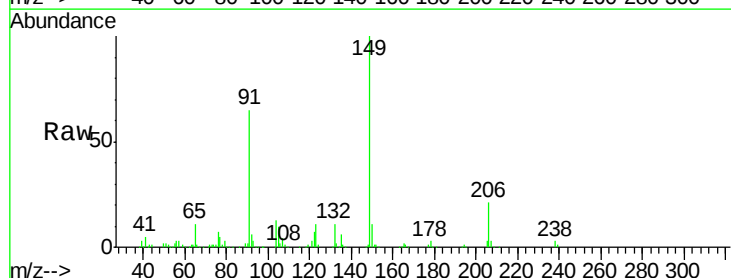
Manual Integrations

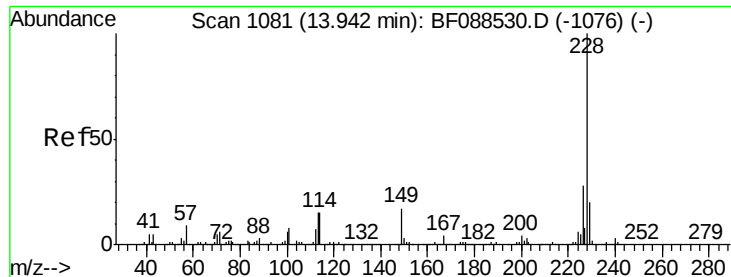
umangi
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#79
 Butylbenzylphthalate
 Concen: 18.49 ng
 RT: 13.36 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.1	48.0	72.0
206	20.5	16.0	24.0





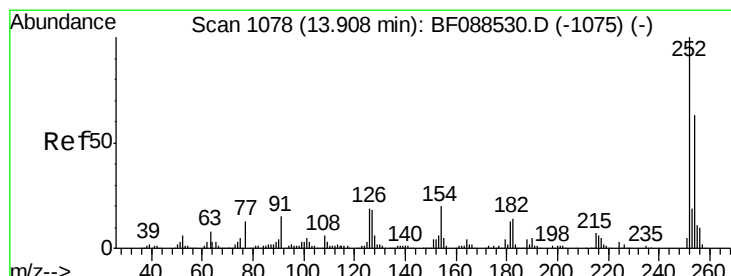
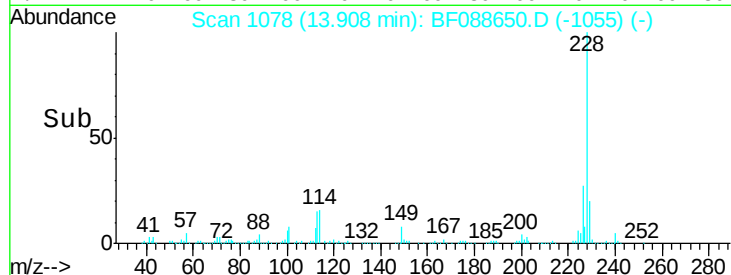
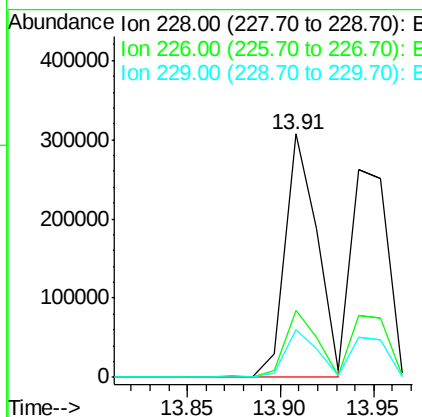
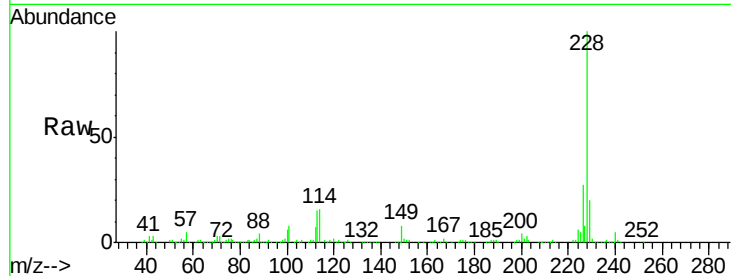
#80
Benzo(a)anthracene
Concen: 18.88 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.3	33.5
229	19.7	16.0	24.0

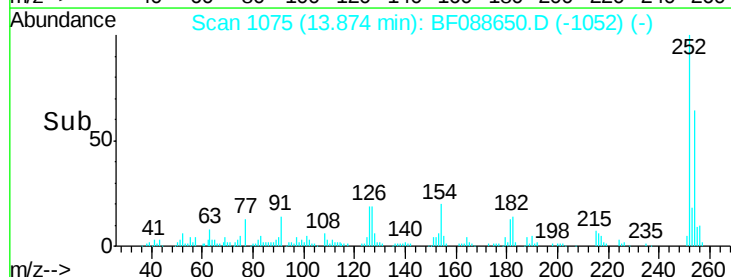
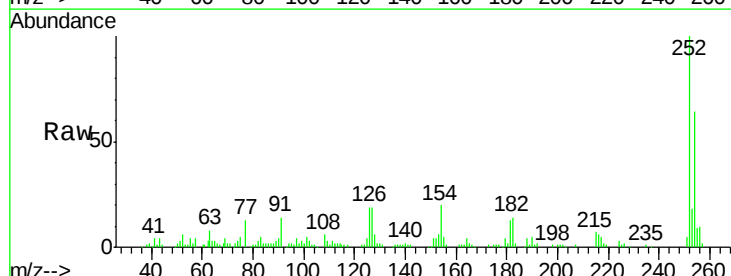
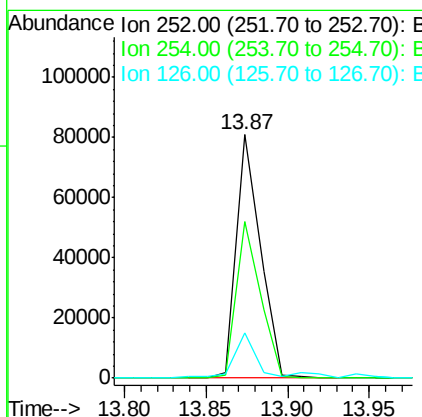
Manual Integrations

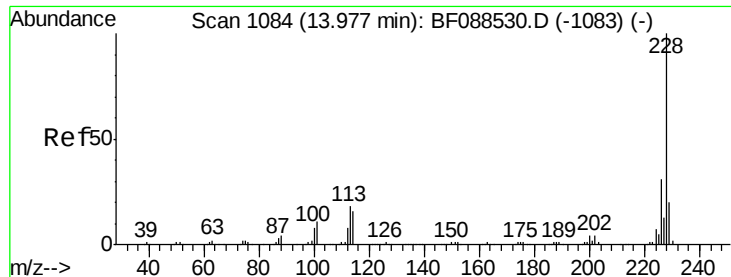
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#81
3,3'-Dichlorobenzidine
Concen: 11.23 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.6	78.8
126	18.8	6.2	9.2#





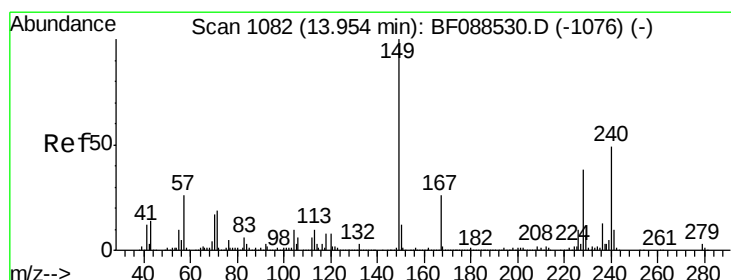
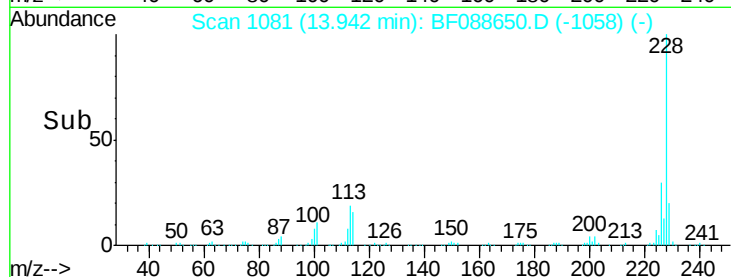
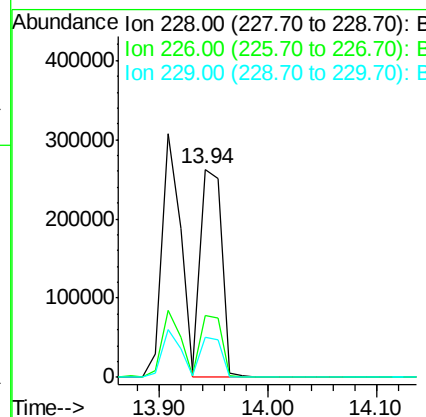
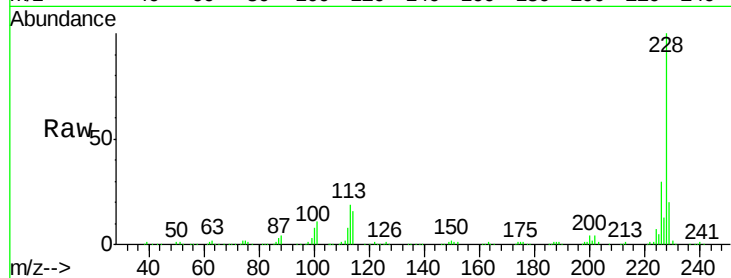
#82
Chrysene
Concen: 18.71 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.4	38.2
229	19.6	16.3	24.5

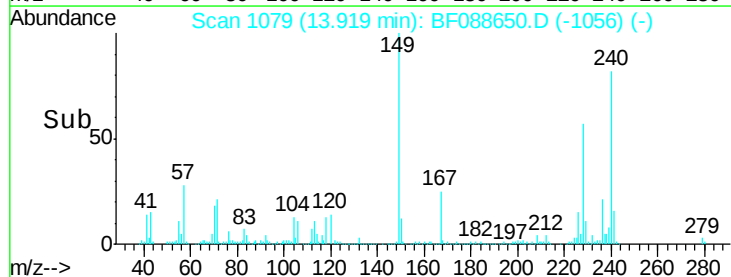
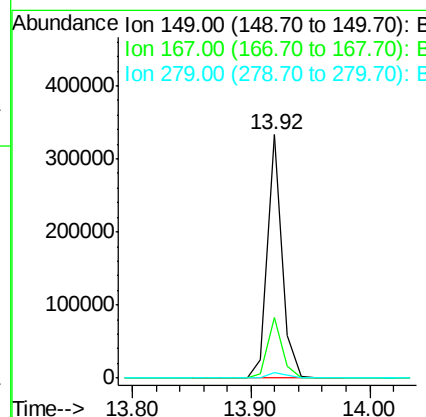
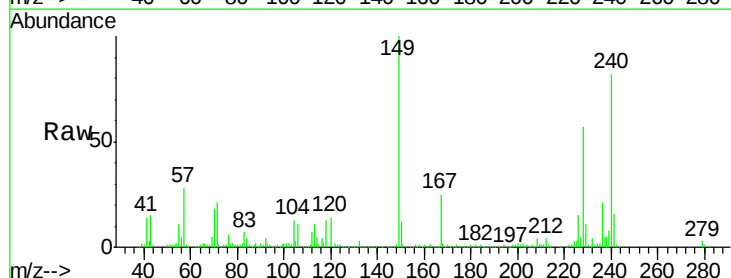
Manual Integrations

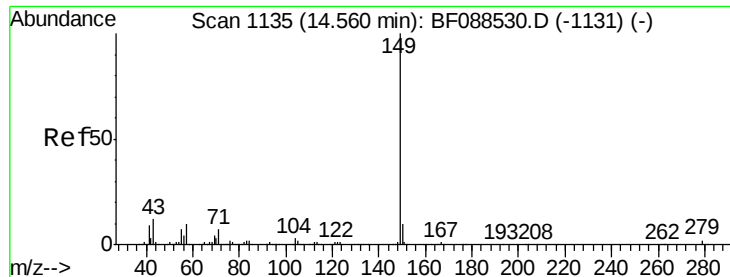
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#83
Bis(2-ethylhexyl)phthalate
Concen: 22.09 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.8	20.5	30.7
279	2.5	2.0	3.0





#84

Di-n-octyl phthalate

Concen: 21.57 ng

RT: 14.53 min Scan# 1132

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

Tot Ion:149 Resp: 476940

Ion Ratio Lower Upper

149 100

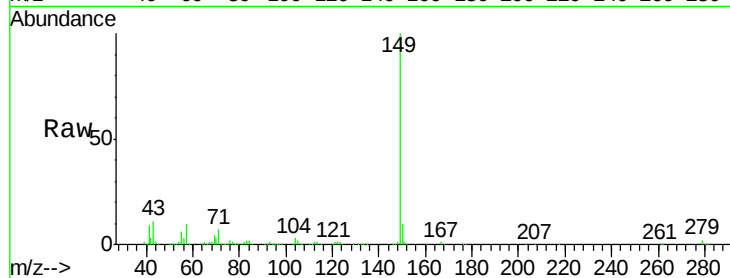
167 1.7 0.0 0.0#

43 9.8 0.0 0.0#

Manual Integrations

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

600000

500000

400000

300000

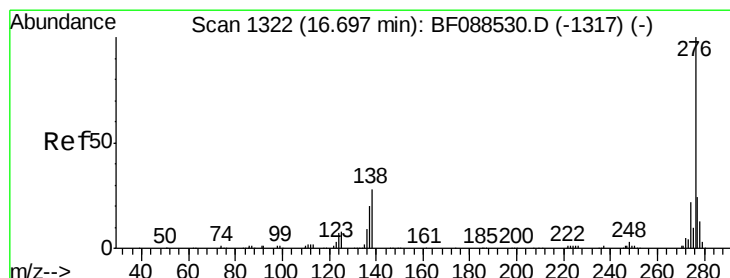
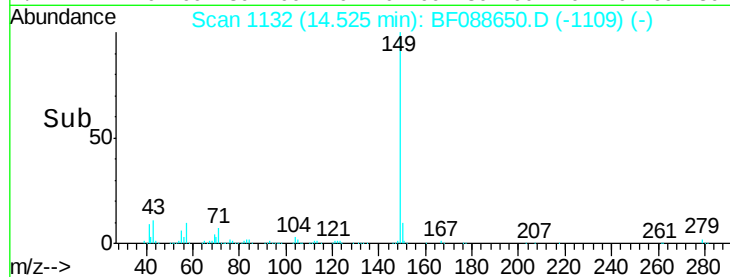
200000

100000

0

14.50 14.53 14.60 14.70

Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 18.93 ng

RT: 16.64 min Scan# 1317

Delta R.T. -0.06 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

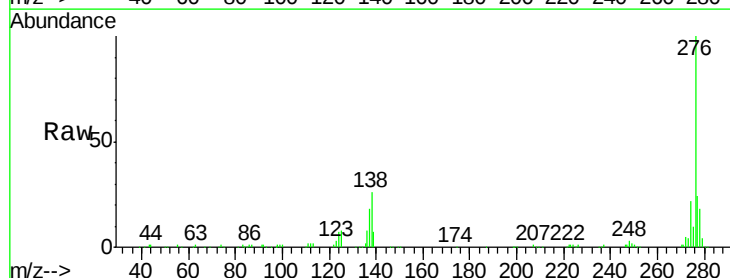
Tgt Ion:276 Resp: 279686

Ion Ratio Lower Upper

276 100

138 29.6 0.0 0.0#

277 25.7 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

150000

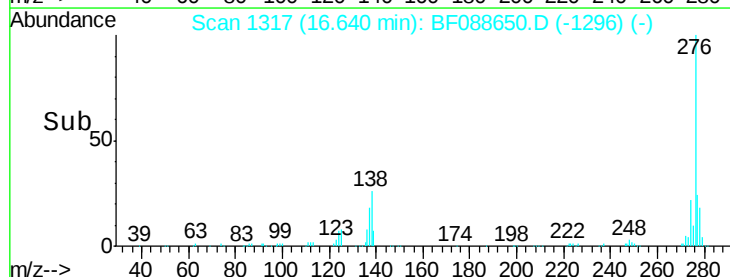
100000

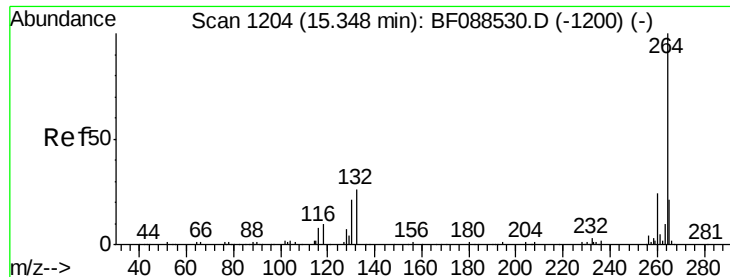
50000

0

16.60 16.64 16.80

Time-->





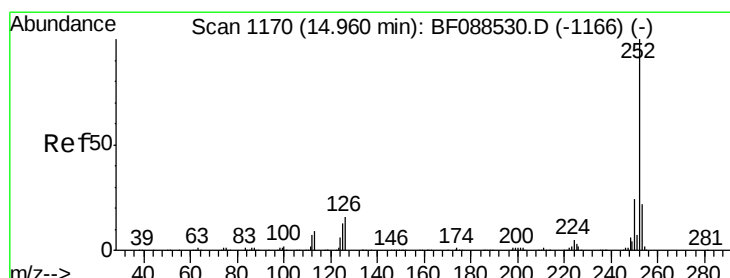
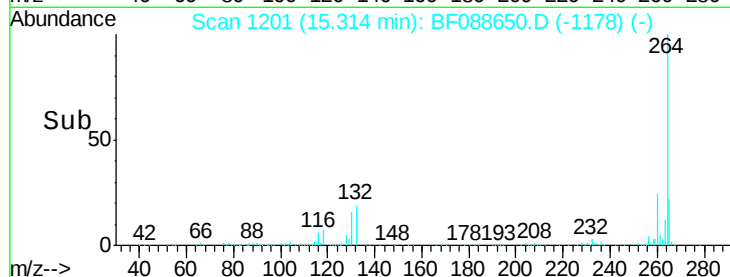
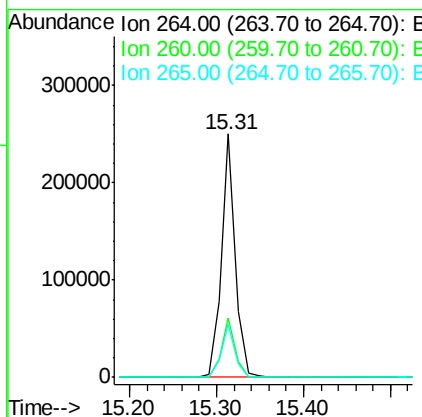
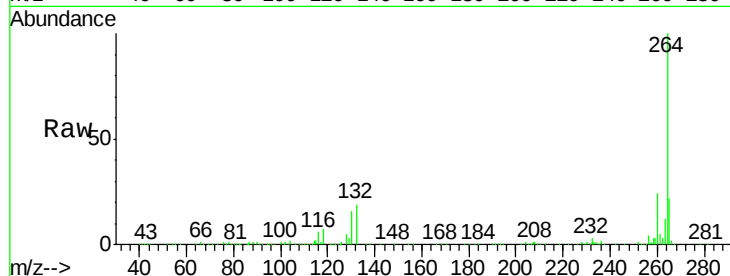
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.1	19.2	28.8	
265	21.7	16.9	25.3	

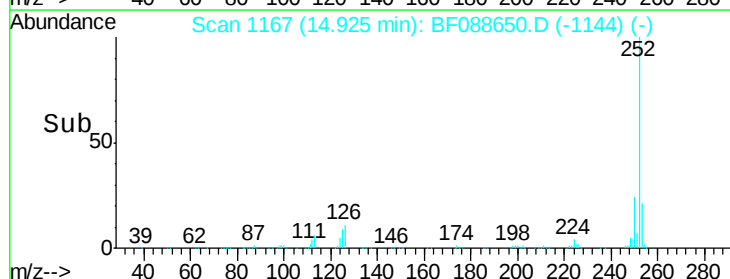
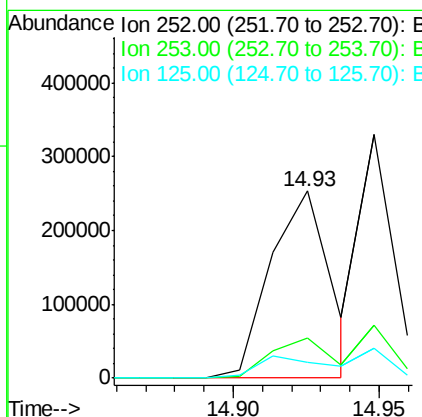
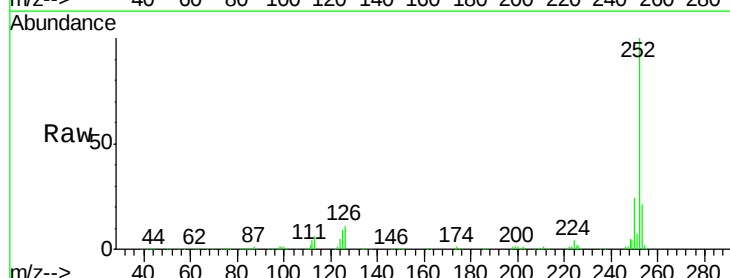
Manual Integrations

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#87
Benzo(b)fluoranthene
Concen: 20.15 ng m
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	21.4	17.4	26.2	
125	8.6	7.1	10.7	





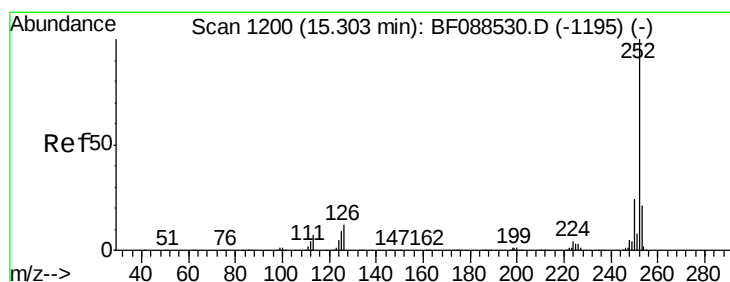
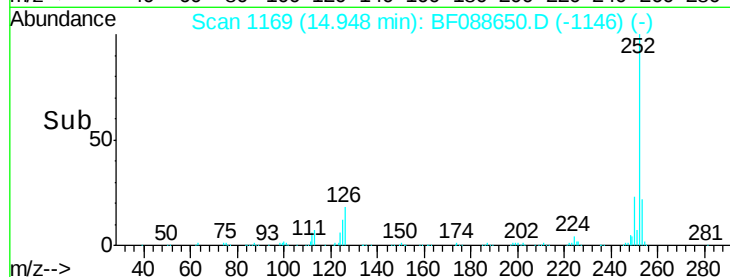
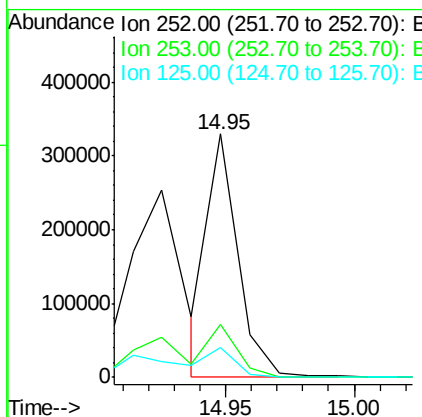
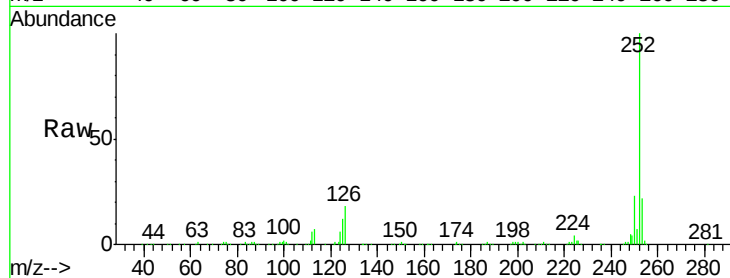
#88
Benzo(k)fluoranthene
Concen: 17.86 ng m
RT: 14.95 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	12.2	11.2	16.8

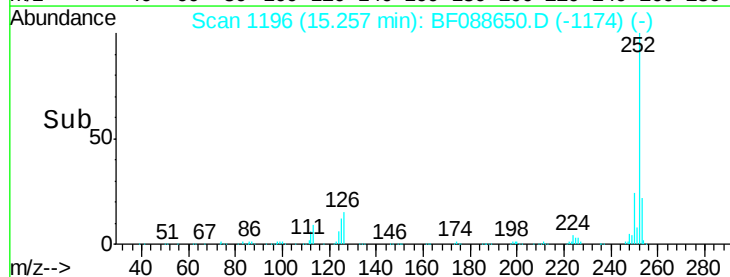
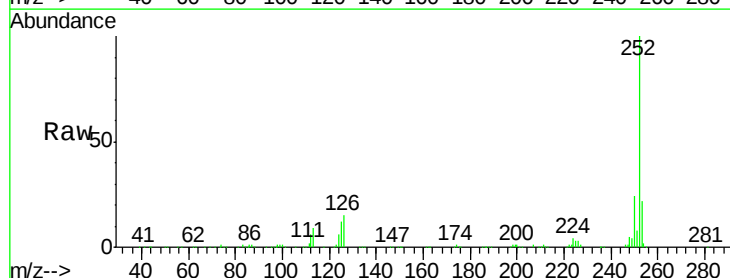
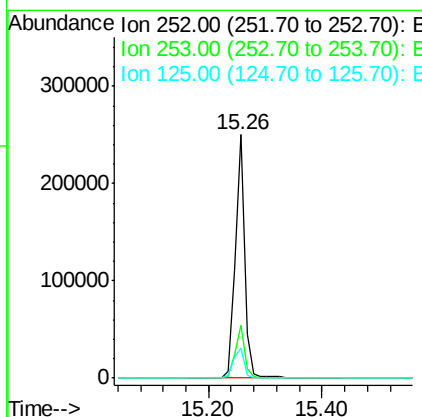
Manual Integrations

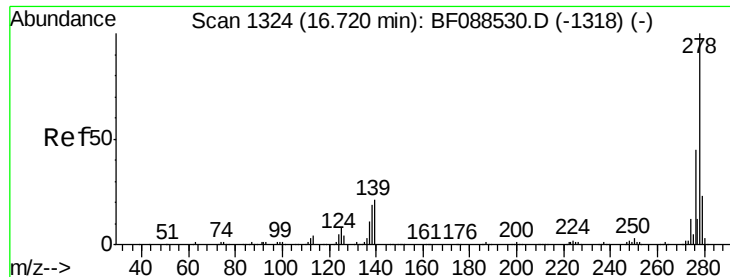
umangi
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#89
Benzo(a)pyrene
Concen: 19.90 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.3	12.5	18.7





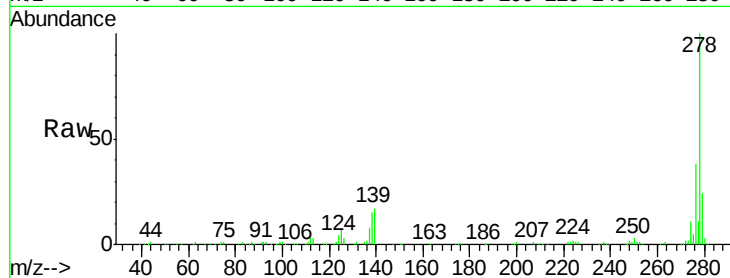
#90
Dibenzo(a,h)anthracene
Concen: 18.82 ng
RT: 16.66 min Scan# 1319
Delta R.T. -0.06 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

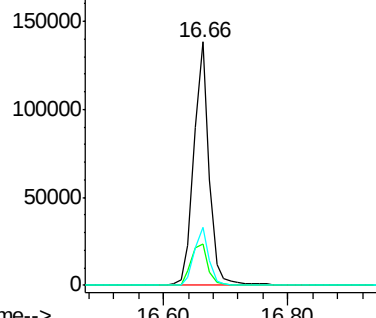
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	15.7	23.5
279	23.8	19.4	29.2

Manual Integrations

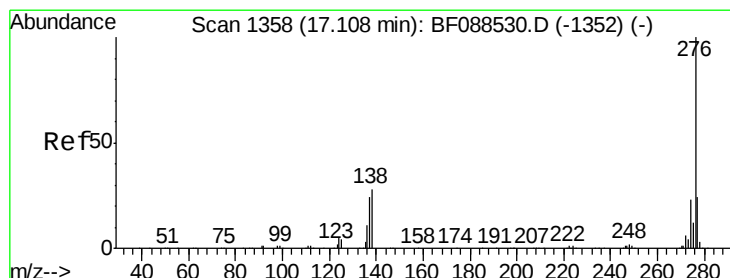
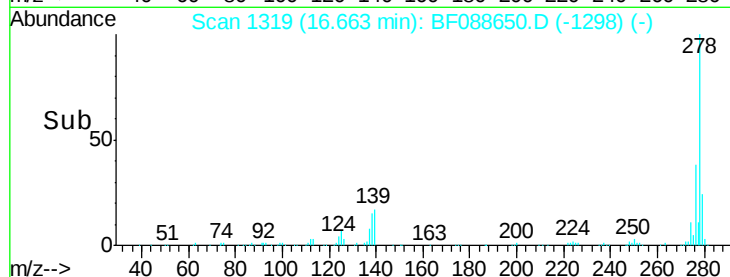
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

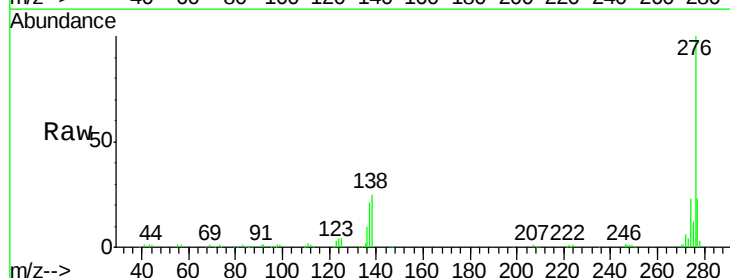


Time-->

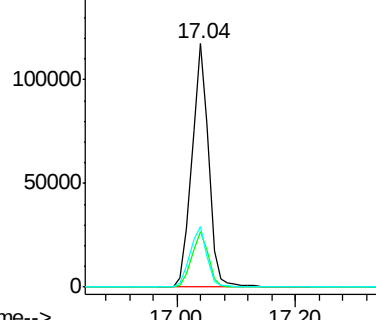


#91
Benzo(g,h,i)perylene
Concen: 17.94 ng
RT: 17.04 min Scan# 1352
Delta R.T. -0.07 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	24.8	21.4	32.2



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



Time-->

