

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088744.D
 Acq On : 6 Jul 2016 20:01
 Operator : UM/SJ
 Sample : PB91776BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Manual Integrations

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 umangi
 7/7/2016 6:11:16 PM

Quant Time: Jul 07 12:48:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 01:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	103084	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	417062	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	196860	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	380571	20.00	ng	0.00
75) Chrysene-d12	13.89	240	281101	20.00	ng	0.00
86) Perylene-d12	15.26	264	218690	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	822075	119.52	ng	0.02
7) Phenol-d6	6.40	99	992210	111.64	ng	0.01
23) Nitrobenzene-d5	7.31	82	692261	86.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	259847	142.14	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1203026	96.53	ng	0.00
78) Terphenyl-d14	12.85	244	1011190	80.12	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.03	79	274912	27.78	ng	95
4) n-Nitrosodimethylamine	2.99	42	120499	31.88	ng	88
6) Aniline	6.41	93	336350	25.97	ng	# 1
8) 2-Chlorophenol	6.54	128	294550	39.84	ng	97
9) Benzaldehyde	6.30	77	209680	34.83	ng	99
10) Phenol	6.41	94	420499	41.46	ng	# 68
11) bis(2-Chloroethyl)ether	6.49	93	256814	33.95	ng	91
12) 1,3-Dichlorobenzene	6.68	146	282329m	34.71	ng	
13) 1,4-Dichlorobenzene	6.76	146	286788	35.52	ng	95
14) 1,2-Dichlorobenzene	6.92	146	296971	39.29	ng	96
15) Benzyl Alcohol	6.90	79	286494	43.80	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	340100	31.05	ng	88
17) 2-Methylphenol	7.02	107	254601	42.22	ng	96
18) Hexachloroethane	7.27	117	119700	38.33	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	209086	35.02	ng	91
20) 3+4-Methylphenols	7.18	107	323923	44.75	ng	# 84
22) Acetophenone	7.16	105	405511	40.06	ng	# 87
24) Nitrobenzene	7.34	77	325998	40.63	ng	# 85
25) Isophorone	7.58	82	620963	42.12	ng	95
26) 2-Nitrophenol	7.66	139	176862	53.75	ng	# 86
27) 2,4-Dimethylphenol	7.70	122	308084	44.95	ng	89
28) bis(2-Chloroethoxy)methane	7.79	93	379705	39.58	ng	# 95
29) 2,4-Dichlorophenol	7.90	162	254911	46.02	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	242775	39.94	ng	98
31) Naphthalene	8.06	128	836011	40.66	ng	99
32) Benzoic acid	7.78	122	26515	5.33	ng	95
33) 4-Chloroaniline	8.10	127	187766	20.53	ng	95
34) Hexachlorobutadiene	8.18	225	145717	44.77	ng	99
35) Caprolactam	8.49	113	87277m	46.40	ng	
36) 4-Chloro-3-methylphenol	8.59	107	264571	40.39	ng	90
37) 2-Methylnaphthalene	8.75	142	567045	42.83	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	214545	32.77	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	233418	72.63	ng	99
42) 2,4,6-Trichlorophenol	9.03	196	193579	44.84	ng	98

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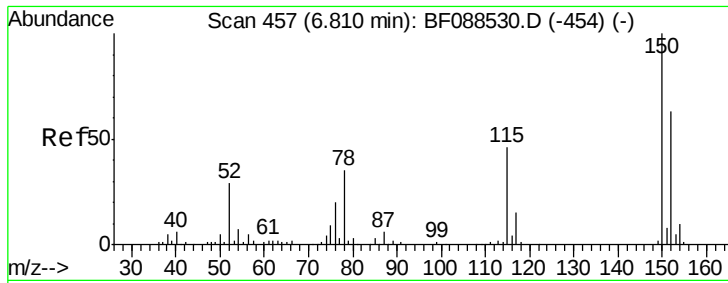
Manual Integrations

APPROVED
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 7/7/2016 6:11:16 PM

Quant Time: Jul 07 12:48:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 01:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	171642	46.21	nq	# 81
45) 1,1'-Biphenyl	9.21	154	615453	37.75	nq	99
46) 2-Chloronaphthalene	9.23	162	501734	39.21	nq	97
47) 2-Nitroaniline	9.32	65	177723	39.13	nq	95
48) Acenaphthylene	9.64	152	786929	38.65	nq	100
49) Dimethylphthalate	9.52	163	580689	41.40	nq	100
50) 2,6-Dinitrotoluene	9.58	165	135048	43.45	nq	# 53
51) Acenaphthene	9.82	154	483408	38.73	nq	98
52) 3-Nitroaniline	9.74	138	101254	25.63	nq	85
53) 2,4-Dinitrophenol	9.85	184	45750	33.33	nq	# 68
54) Dibenzofuran	9.99	168	697534	42.70	nq	# 85
55) 4-Nitrophenol	9.92	139	274679	91.47	nq	# 73
56) 2,4-Dinitrotoluene	9.98	165	170629	41.98	nq	# 45
57) Fluorene	10.33	166	514381	40.86	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	150086	52.23	nq	# 55
59) Diethylphthalate	10.22	149	626530	44.51	nq	98
60) 4-Chlorophenyl-phenylether	10.33	204	274640	46.95	nq	93
61) 4-Nitroaniline	10.35	138	149812	39.40	nq	82
62) Azobenzene	10.49	77	755359	47.05	nq	92
64) 4,6-Dinitro-2-methylphenol	10.39	198	57310	28.15	nq	# 61
65) n-Nitrosodiphenylamine	10.44	169	488097	37.90	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	153590	40.05	nq	# 73
67) Hexachlorobenzene	10.88	284	187651	44.20	nq	# 88
68) Atrazine	10.98	200	191184	47.63	nq	96
69) Pentachlorophenol	11.07	266	155615	61.94	nq	98
70) Phenanthrene	11.29	178	944307	45.39	nq	99
71) Anthracene	11.34	178	798145	38.58	nq	100
72) Carbazole	11.50	167	883145	45.36	nq	99
73) Di-n-butylphthalate	11.83	149	954381	42.14	nq	# 99
74) Fluoranthene	12.47	202	918106	43.53	nq	98
76) Benzidine	12.59	184	586079	41.25	nq	97
77) Pyrene	12.70	202	948553	39.80	nq	99
79) Butylbenzylphthalate	13.33	149	447389	42.08	nq	96
80) Benzo(a)anthracene	13.87	228	738722	40.81	nq	100
81) 3,3'-Dichlorobenzidine	13.84	252	127024	18.67	nq	# 95
82) Chrysene	13.91	228	686893	38.36	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	565843	46.62	nq	# 99
84) Di-n-octyl phthalate	14.49	149	958004	46.46	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.58	276	546776	39.69	nq	# 100
87) Benzo(b)fluoranthene	14.88	252	608741	44.37	nq	# 96
88) Benzo(k)fluoranthene	14.91	252	623412m	52.20	nq	
89) Benzo(a)pyrene	15.21	252	567915	48.89	nq	# 95
90) Dibenzo(a,h)anthracene	16.59	278	451644	46.57	nq	98
91) Benzo(q,h,i)perylene	16.97	276	465002	46.33	nq	98

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



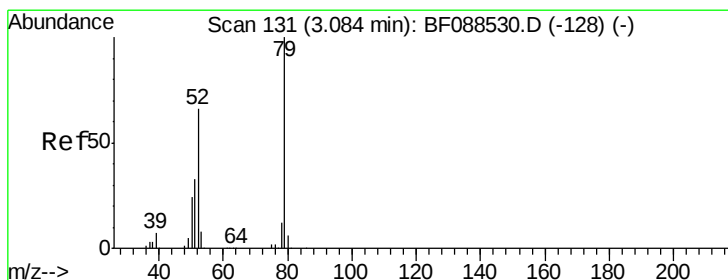
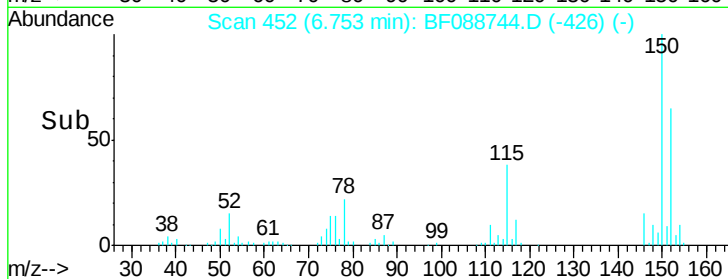
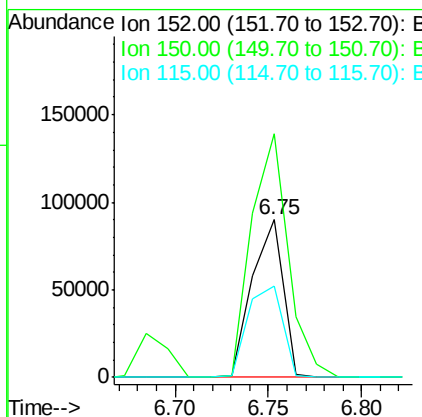
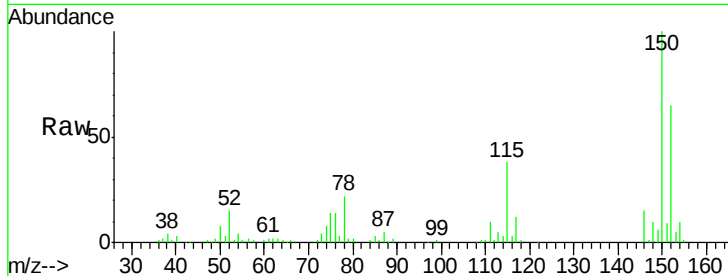
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.8	185.6
115	58.2	39.6	59.4

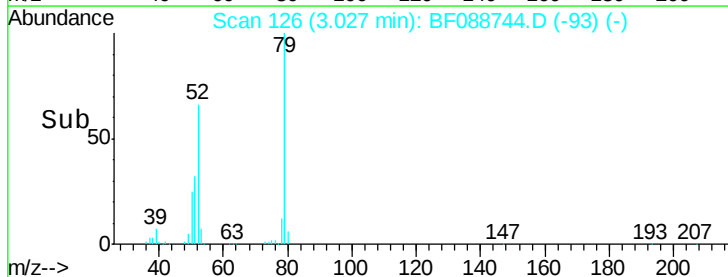
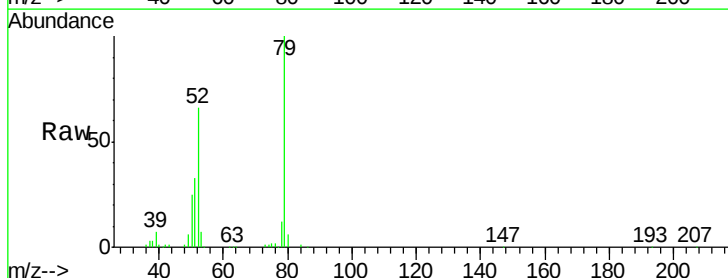
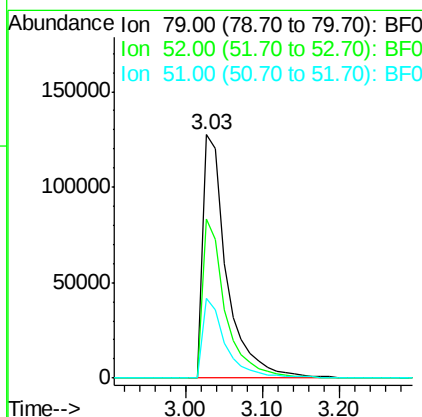
Manual Integrations

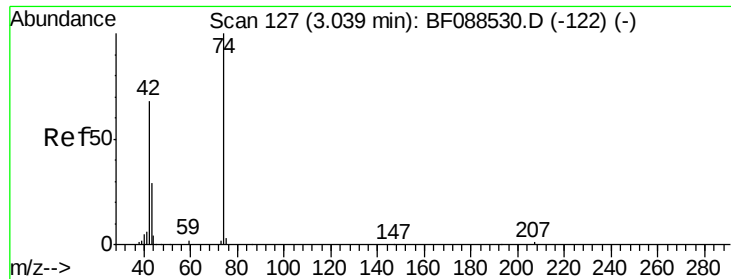
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#3
 Pyridine
 Concen: 27.78 ng
 RT: 3.03 min Scan# 126
 Delta R.T. 0.08 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
79	100		
52	65.6	56.3	84.5
51	32.5	27.4	41.2





#4

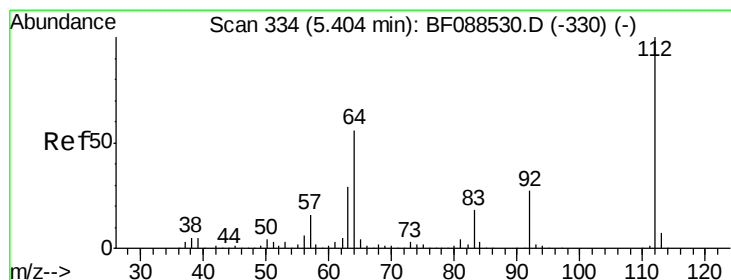
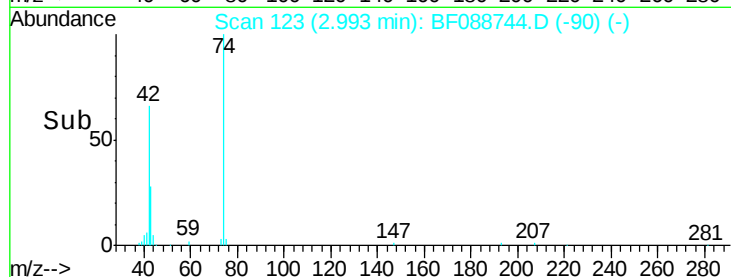
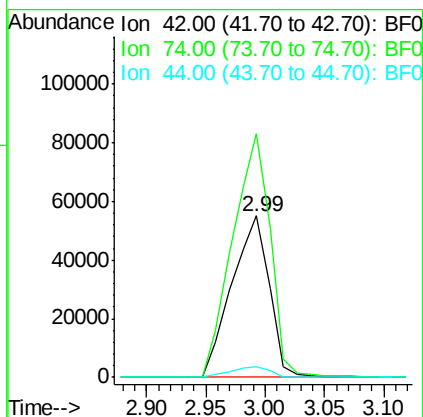
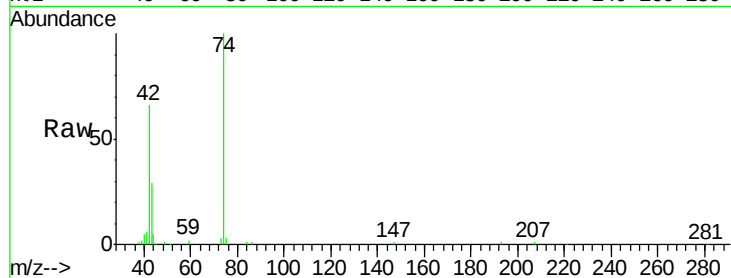
n-Nitrosodimethylamine
Concen: 31.88 ng
RT: 2.99 min Scan# 123
Delta R.T. 0.08 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	151.0	108.6	163.0
44	7.0	5.5	8.3

Manual Integrations

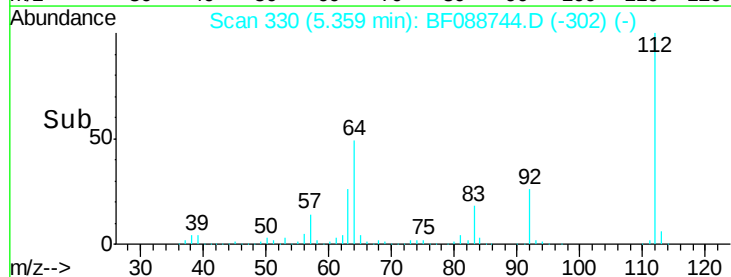
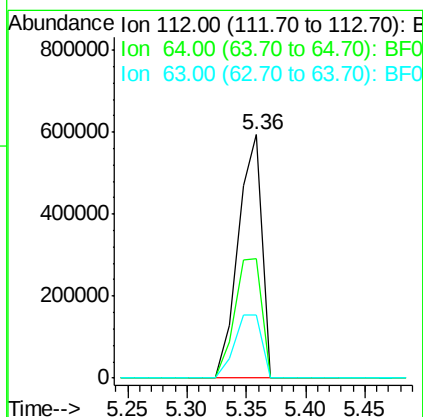
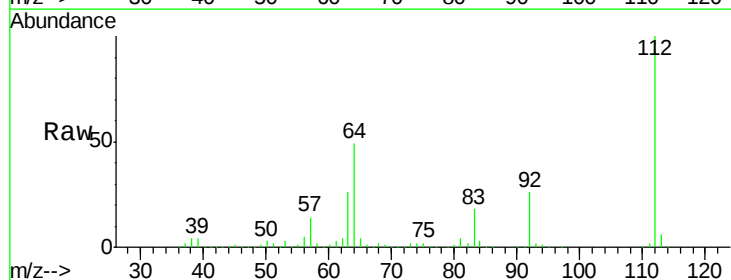
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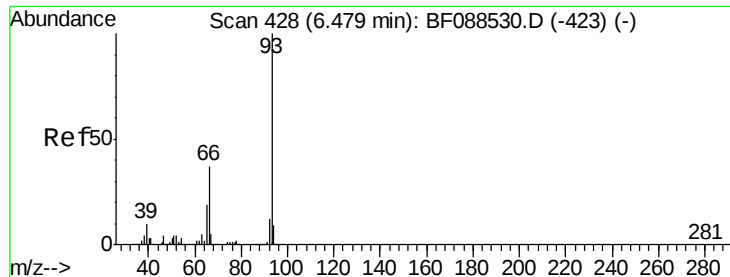


#5

2-Fluorophenol
Concen: 119.52 ng
RT: 5.36 min Scan# 330
Delta R.T. 0.02 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.9	42.2	63.2
63	26.0	21.8	32.8





#6

Aniline

Concen: 25.97 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

Tot Ion: 93 Resp: 336350

Ion Ratio Lower Upper

93 100

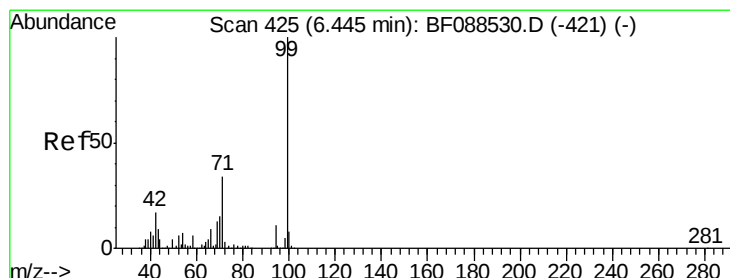
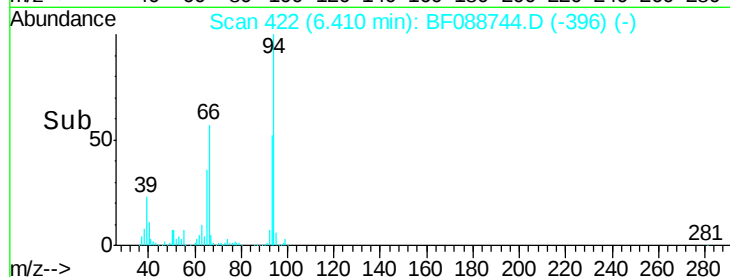
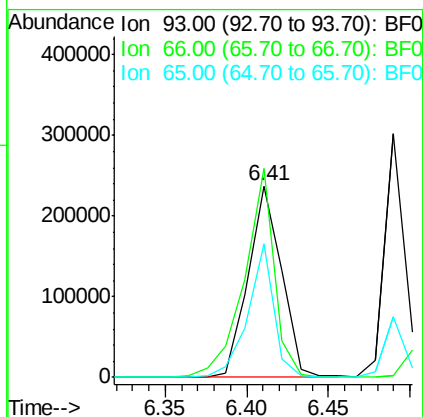
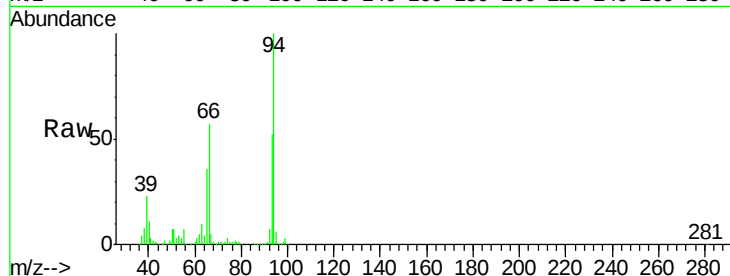
66 108.9 29.8 44.8#

65 69.7 14.9 22.3#

Manual Integrations

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#7

Phenol-d6

Concen: 111.64 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

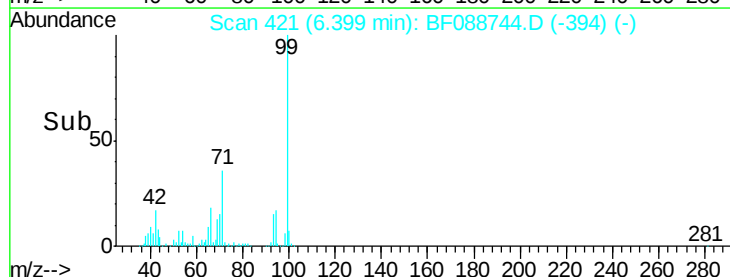
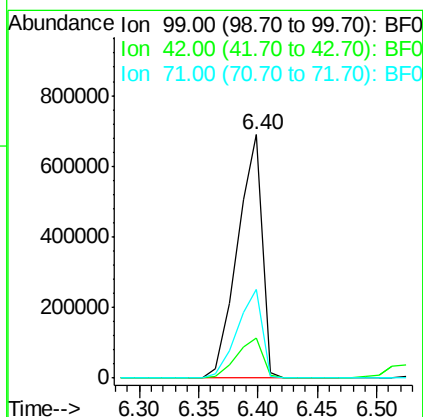
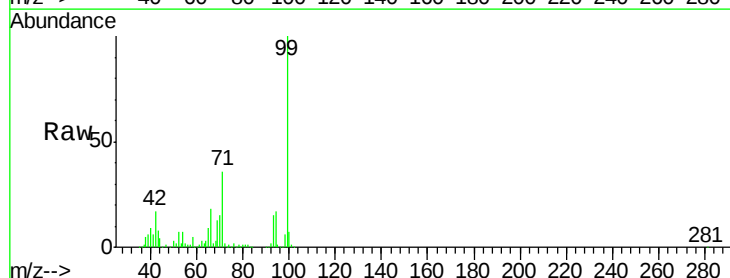
Tgt Ion: 99 Resp: 992210

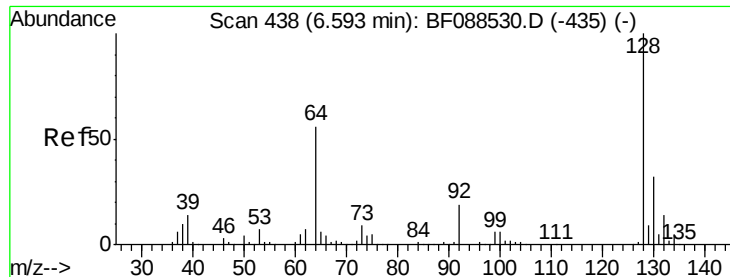
Ion Ratio Lower Upper

99 100

42 16.6 12.2 18.2

71 36.5 23.4 35.0#





#8

2-Chlorophenol

Concen: 39.84 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

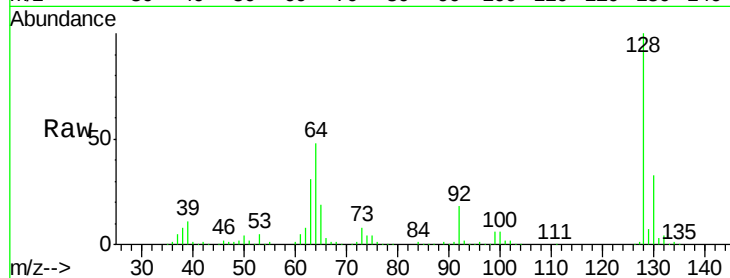
PB91776BS

Tot Ion:	128	Resp:	294550
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.0	52.0
64	47.5	30.8	70.8

Manual Integrations

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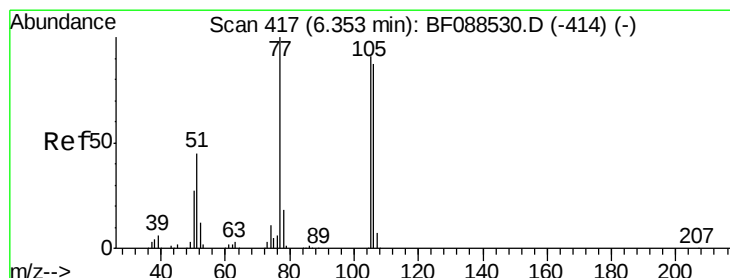
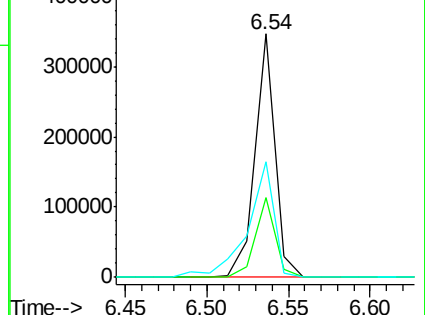
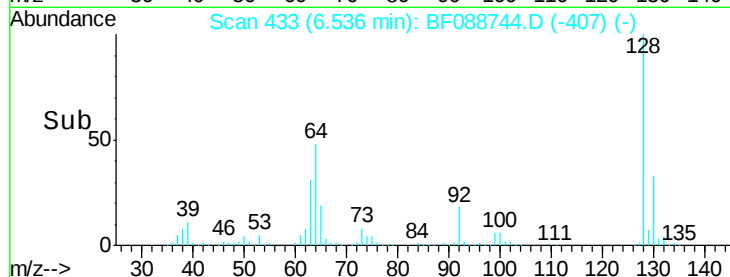
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 34.83 ng

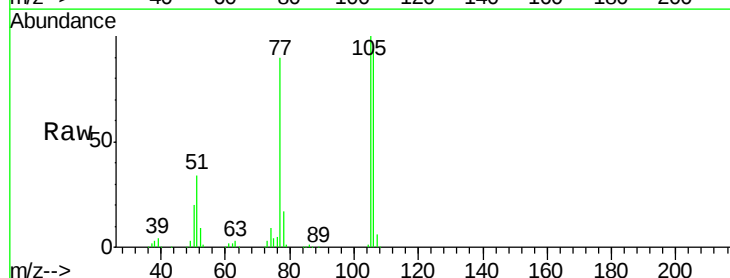
RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

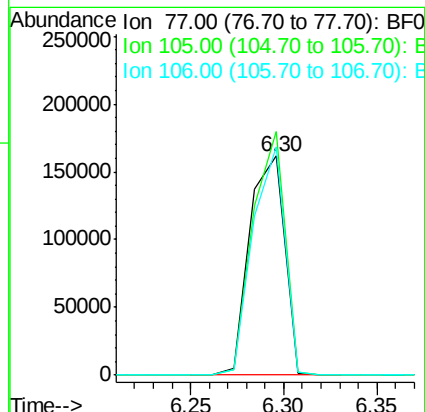
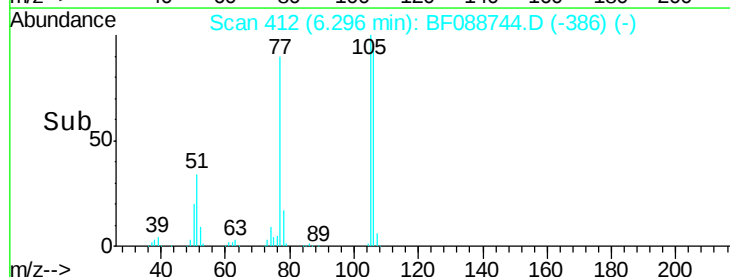
Tgt Ion:	77	Resp:	209680
Ion Ratio	Lower	Upper	
77	100		
105	111.2	90.6	130.6
106	104.5	85.3	125.3

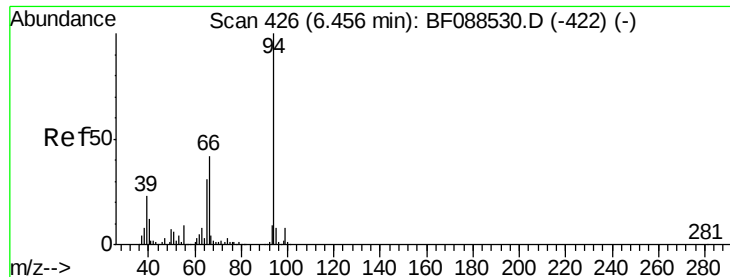


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 41.46 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

Tot Ion: 94 Resp: 420499

Ion Ratio Lower Upper

94 100

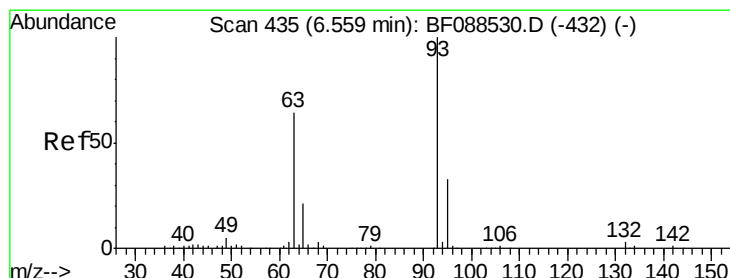
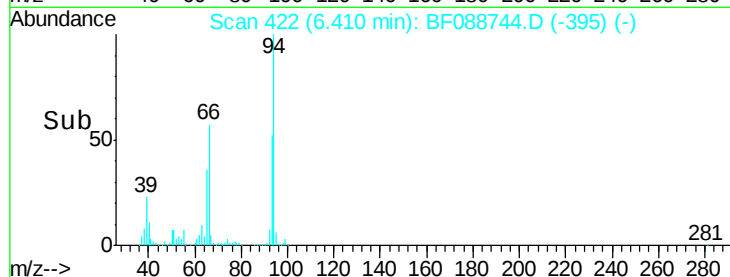
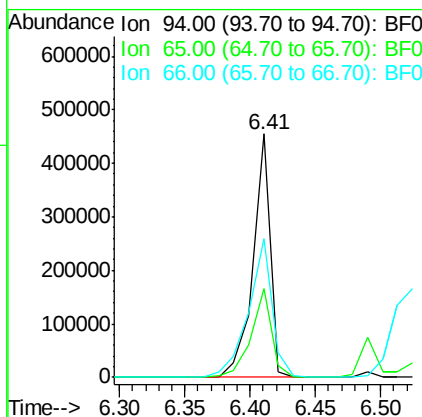
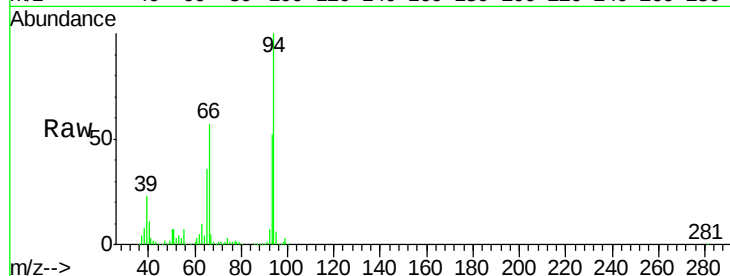
65 36.4 5.9 45.9

66 56.8 14.0 54.0#

Manual Integrations

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#11

bis(2-Chloroethyl)ether

Concen: 33.95 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

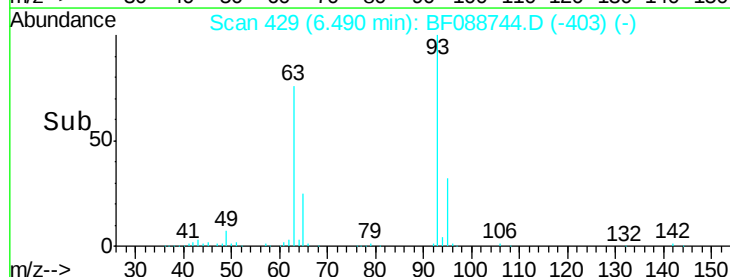
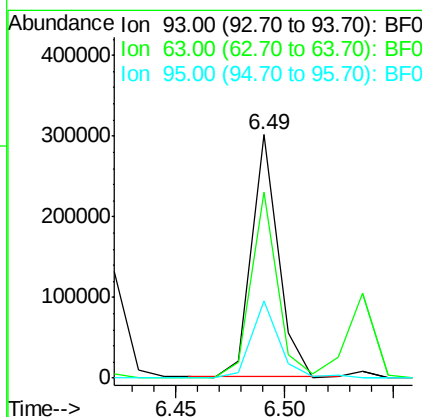
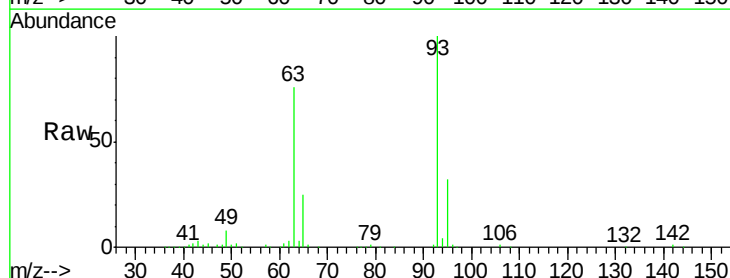
Tgt Ion: 93 Resp: 256814

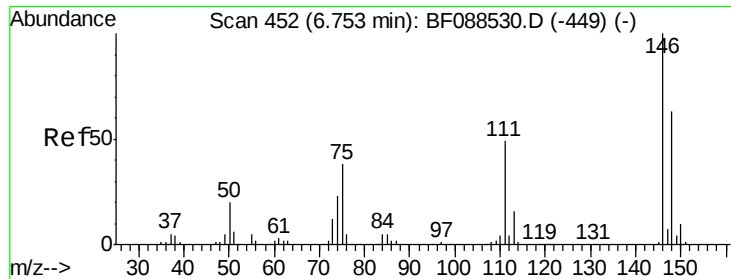
Ion Ratio Lower Upper

93 100

63 76.2 67.6 107.6

95 31.9 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 34.71 ng/mL

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

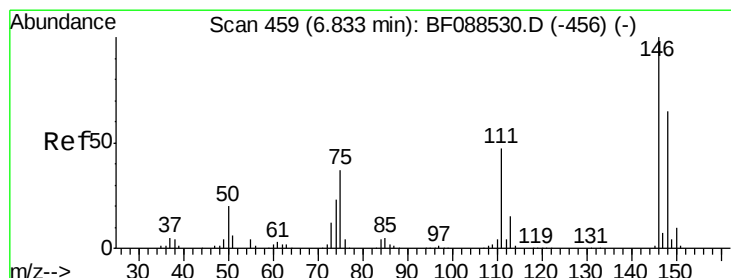
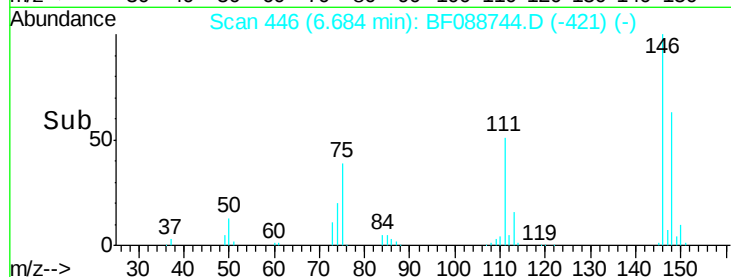
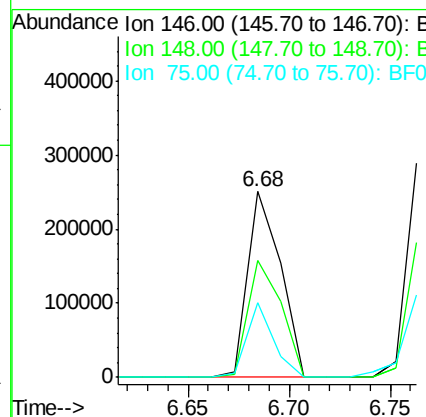
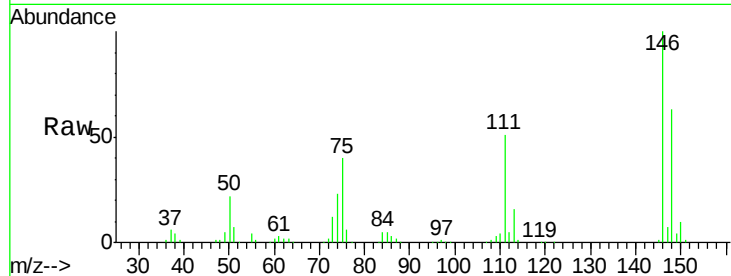
PB91776BS

Tot Ion:	146	Resp:	282329
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.9	76.3
75	40.4	25.6	38.4

Manual Integrations

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#13

1,4-Dichlorobenzene

Concen: 35.52 ng/mL

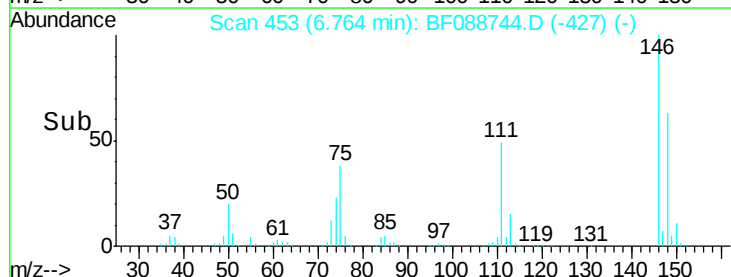
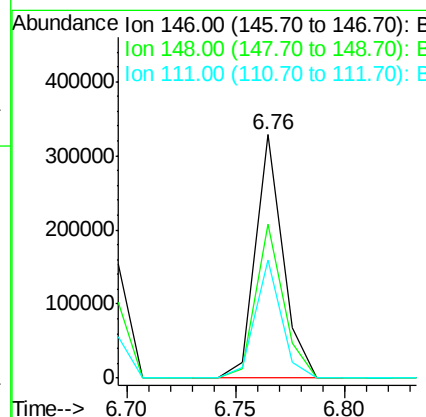
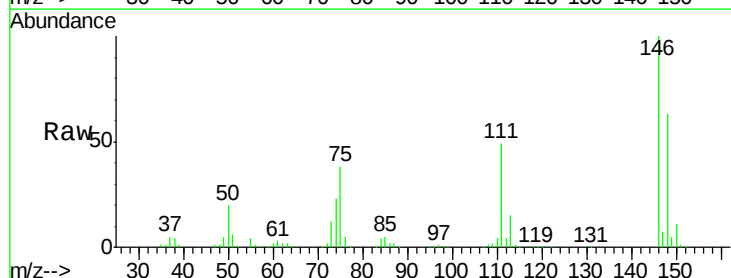
RT: 6.76 min Scan# 453

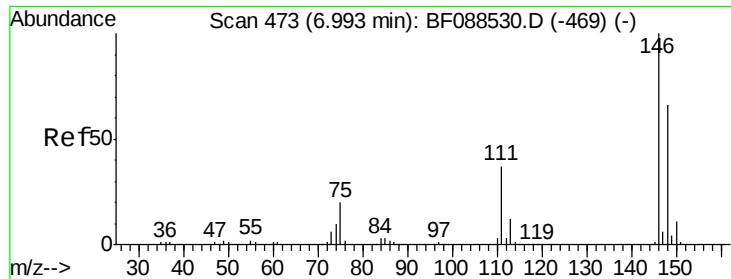
Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Tgt Ion:	146	Resp:	286788
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.0	78.0
111	48.7	33.8	50.8





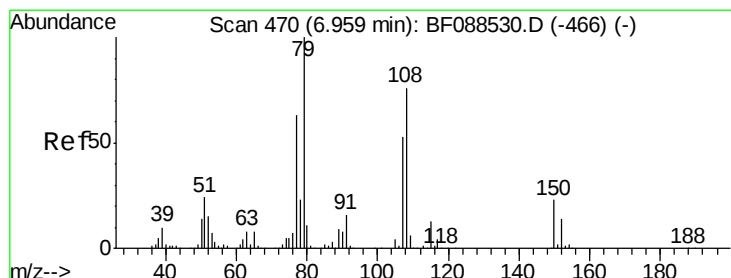
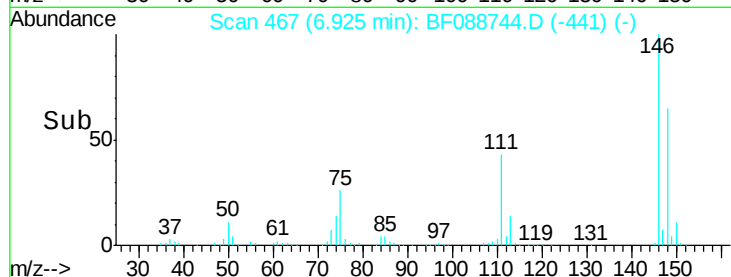
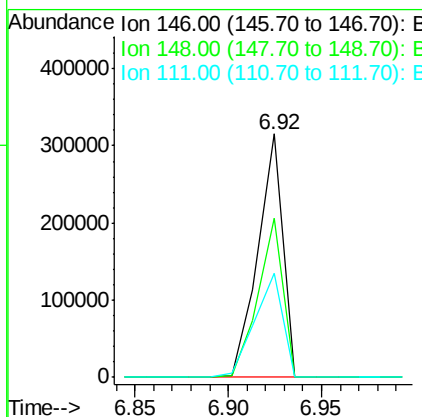
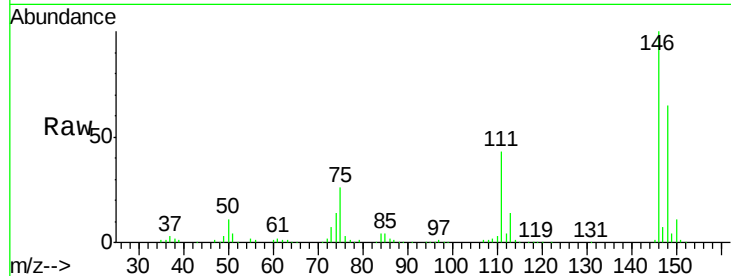
#14
1,2-Dichlorobenzene
Concen: 39.29 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.3	78.5
111	42.9	28.7	43.1

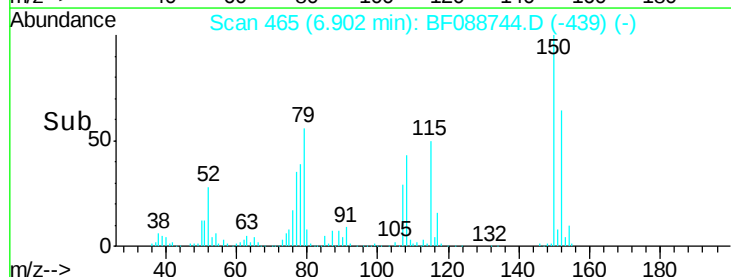
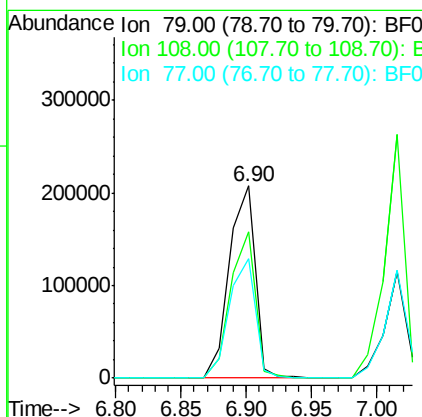
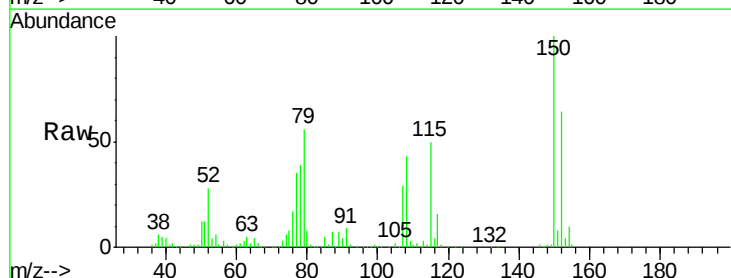
Manual Integrations

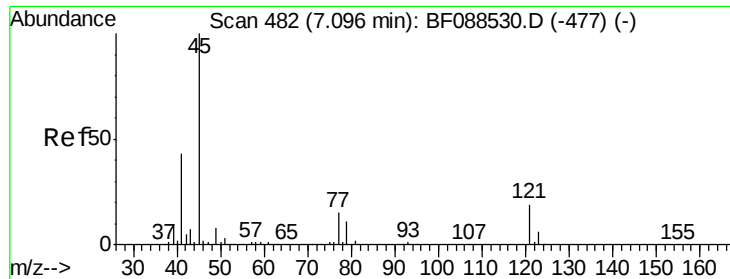
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#15
Benzyl Alcohol
Concen: 43.80 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
79	100		
108	76.4	65.0	97.6
77	62.3	50.3	75.5





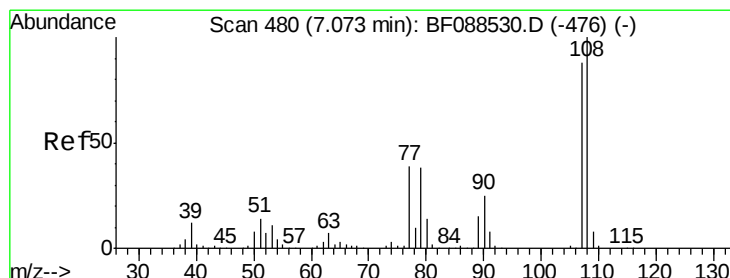
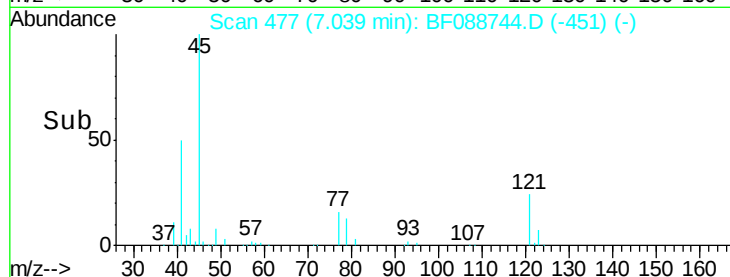
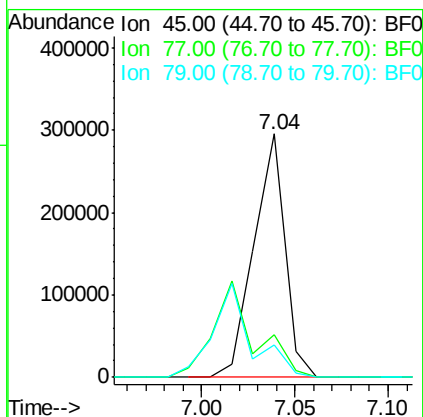
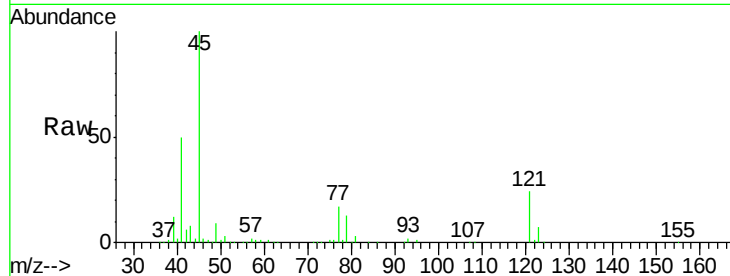
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 31.05 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	32.5
79	13.5	0.0	29.5

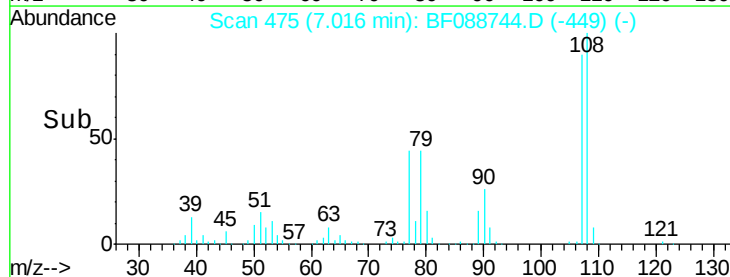
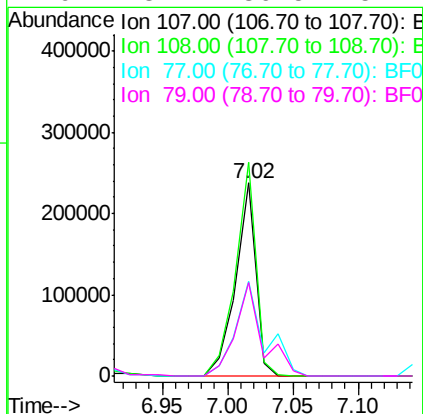
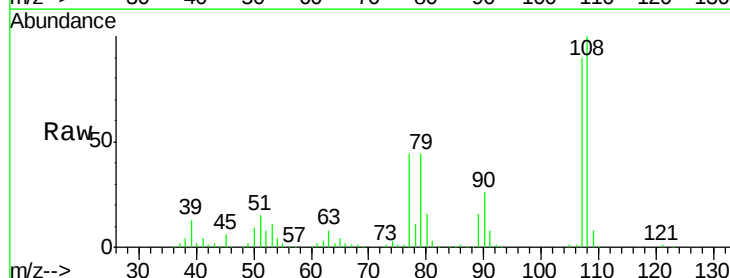
Manual Integrations

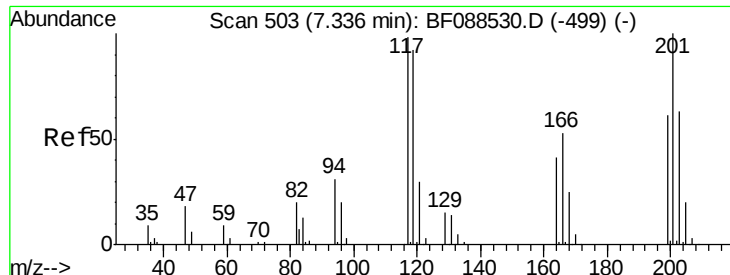
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#17
2-Methylphenol
Concen: 42.22 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.7	90.9	136.3
77	49.1	36.6	55.0
79	48.2	36.5	54.7





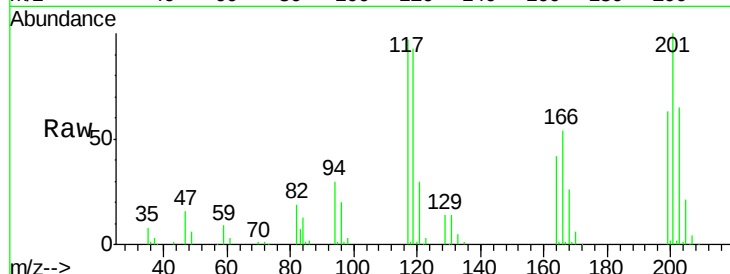
#18
Hexachloroethane
Concen: 38.33 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampled :
PB91776BS

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.2
201	102.7	80.4	120.6

Manual Integrations

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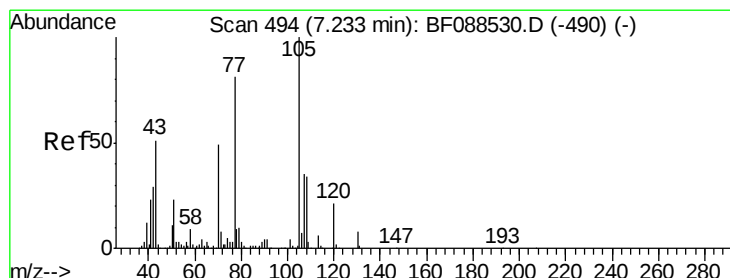
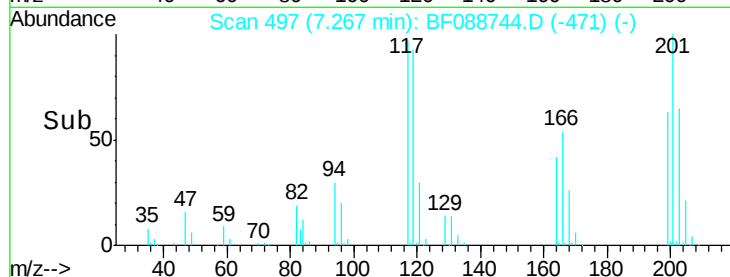
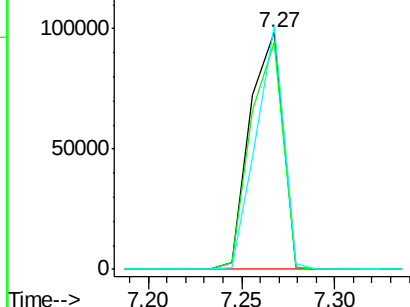


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19
n-Nitroso-di-n-propylamine
Concen: 35.02 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.0	49.6	74.4
101	9.1	7.1	10.7
130	18.9	15.4	23.2

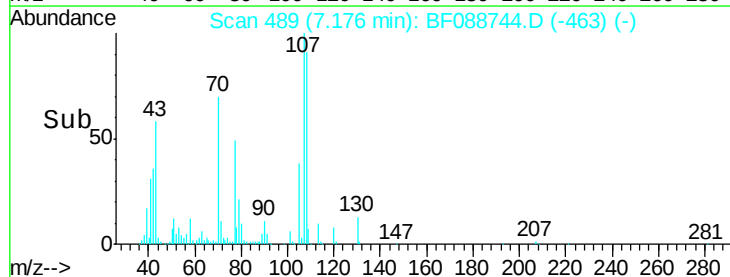
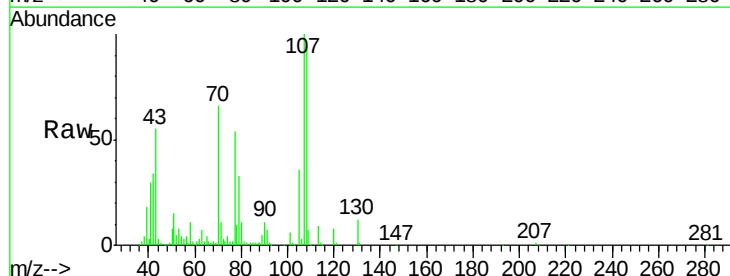
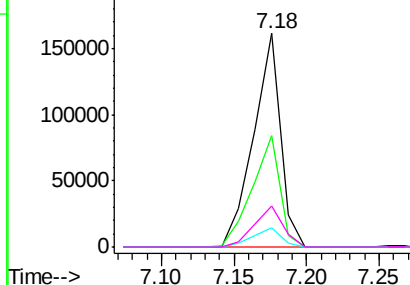
Abundance

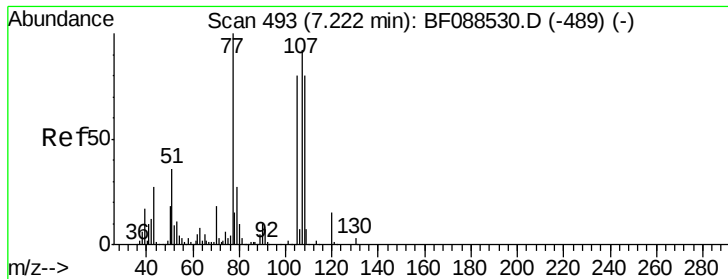
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





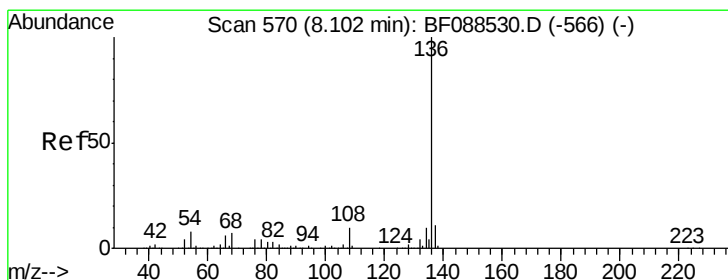
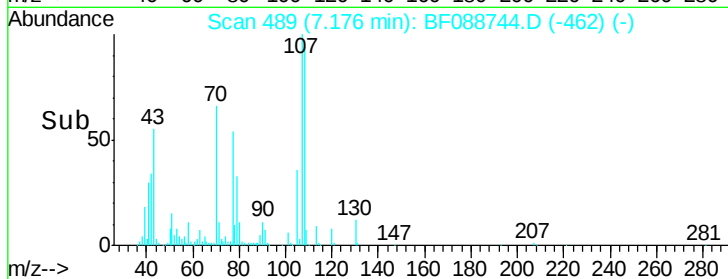
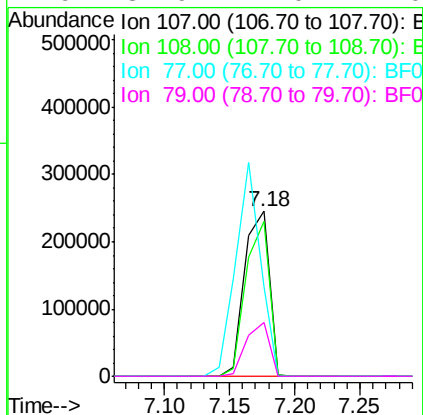
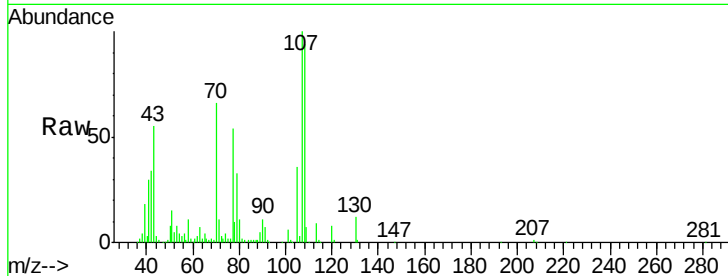
#20
3+4-Methylphenols
Concen: 44.75 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.01 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	323923		
108	108	94.1	67.8	107.8	
77	77	54.2	59.3	99.3#	
79	79	32.9	7.0	47.0	

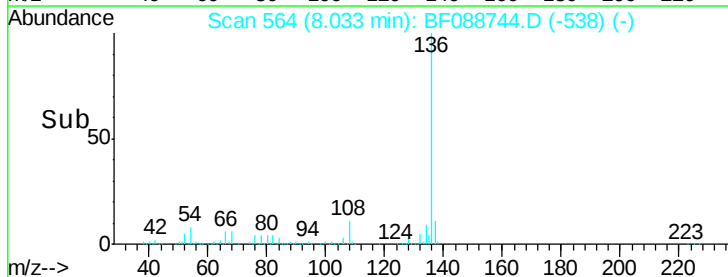
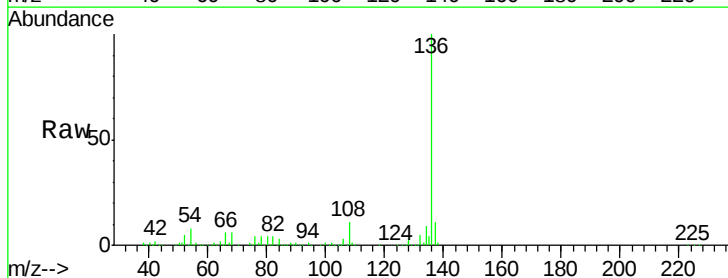
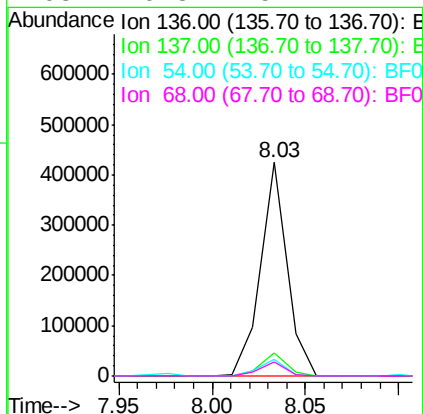
Manual Integrations

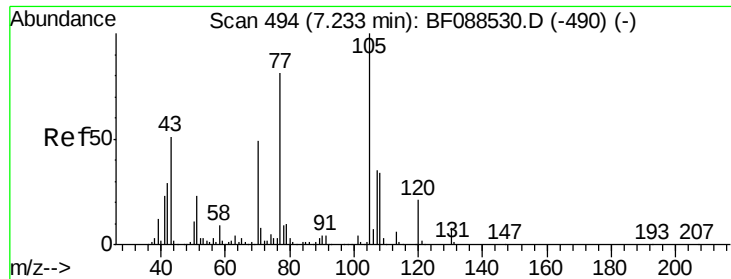
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	417062		
137	137	11.0	9.1	13.7	
54	54	7.9	6.6	10.0	
68	68	6.3	5.1	7.7	





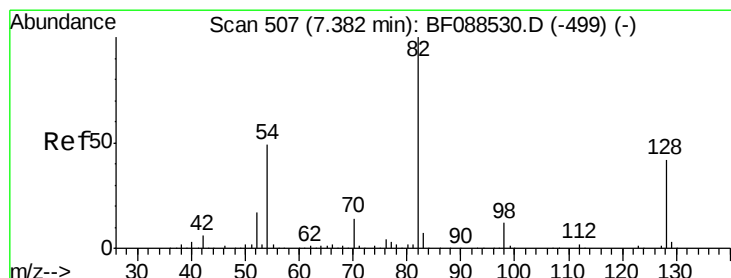
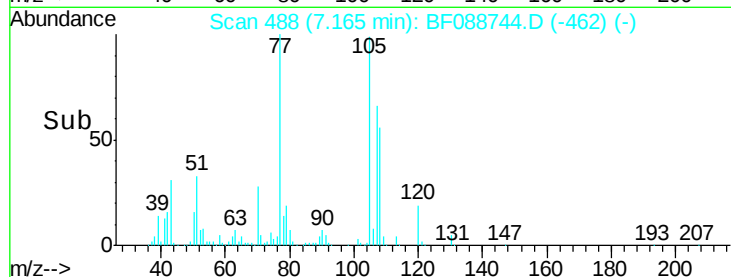
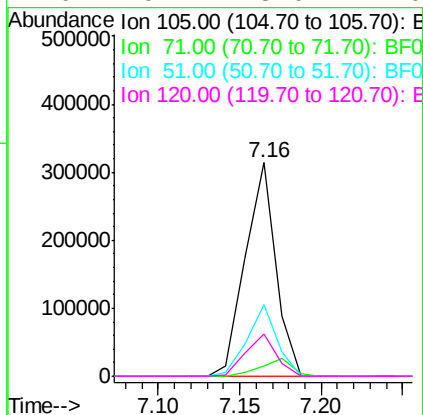
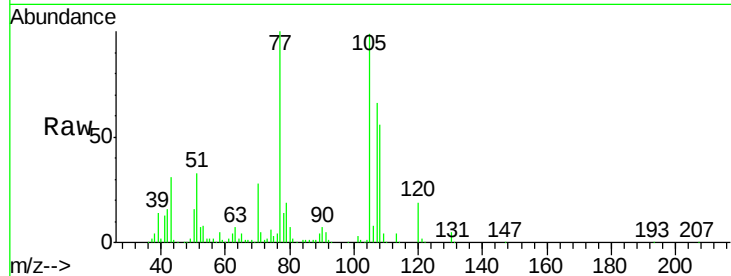
#22
Acetophenone
Concen: 40.06 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion	Ratio	Lower	Upper
105	100		
71	4.7	5.3	7.9#
51	33.5	18.2	27.4#
120	19.7	18.0	27.0

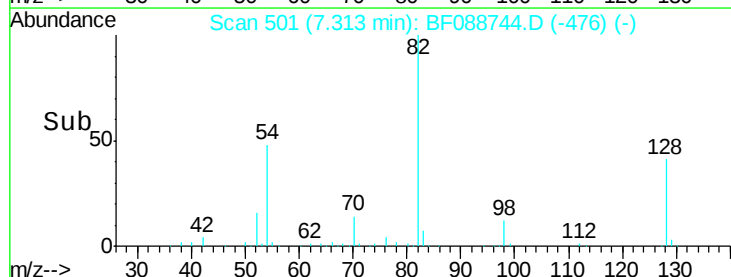
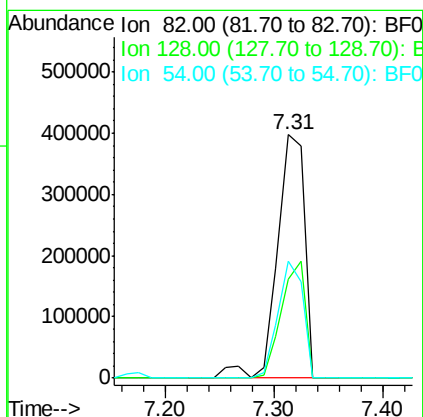
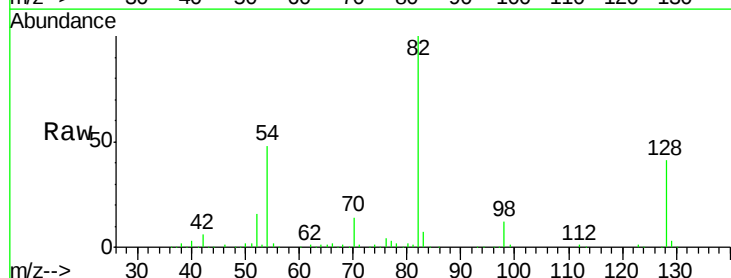
Manual Integrations

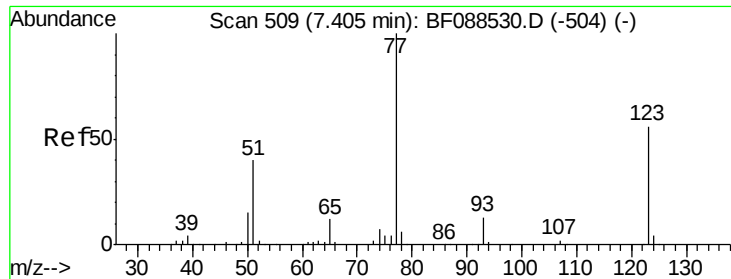
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#23
Nitrobenzene-d5
Concen: 86.98 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.6	35.9	53.9
54	47.8	40.9	61.3





#24

Nitrobenzene

Concen: 40.63 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

Tot Ion: 77 Resp: 325998

Ion Ratio Lower Upper

77 100

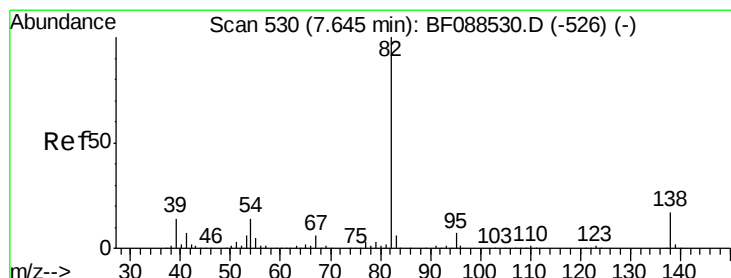
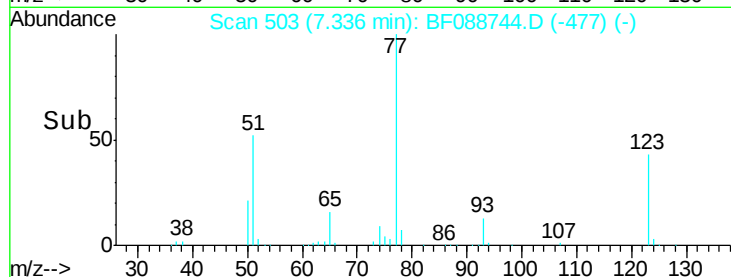
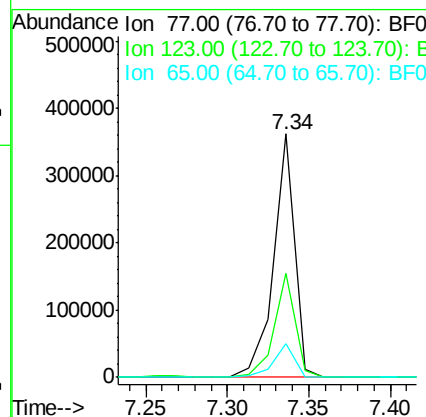
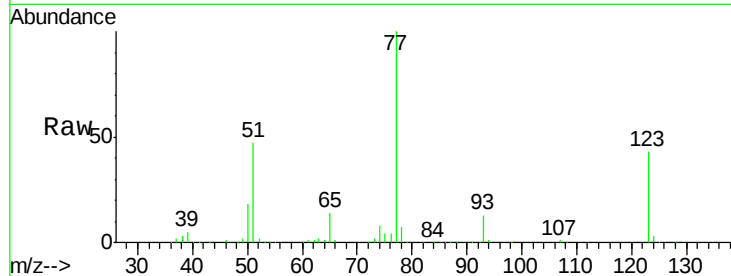
123 42.9 45.0 67.4#

65 13.7 10.2 15.2

Manual Integrations

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#25

Isophorone

Concen: 42.12 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

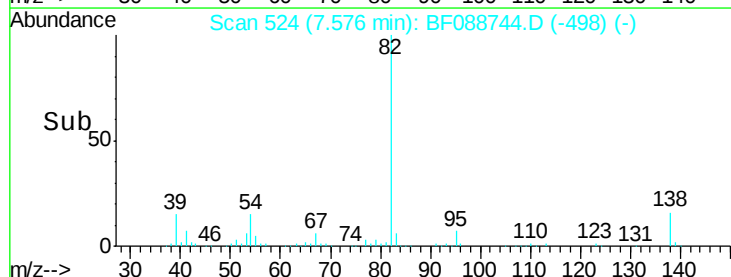
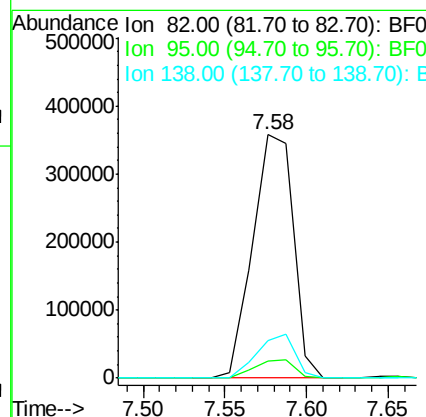
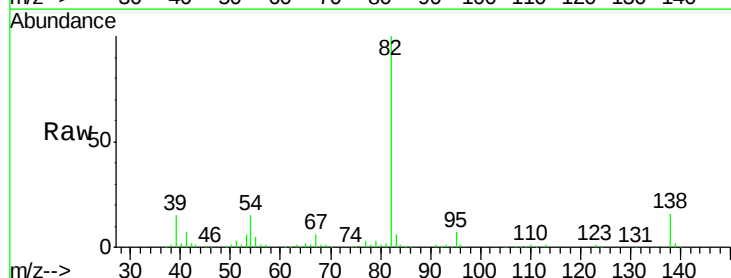
Tgt Ion: 82 Resp: 620963

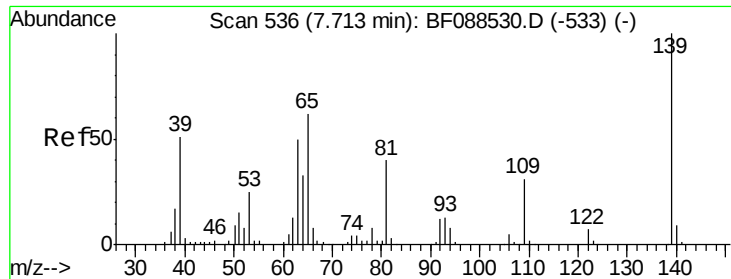
Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 15.6 14.6 21.8





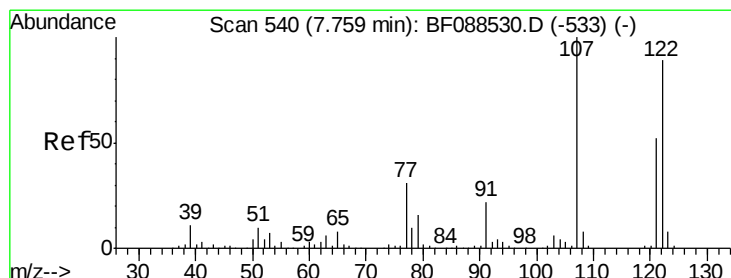
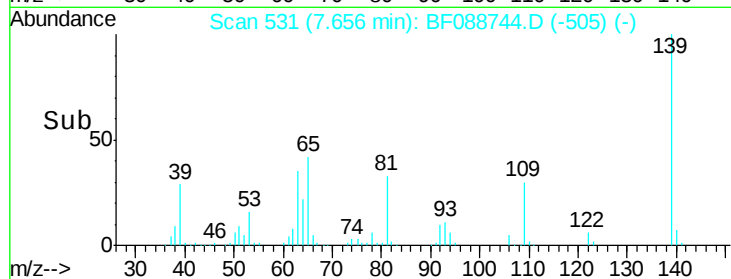
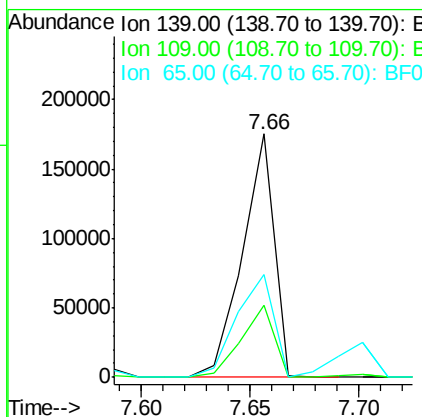
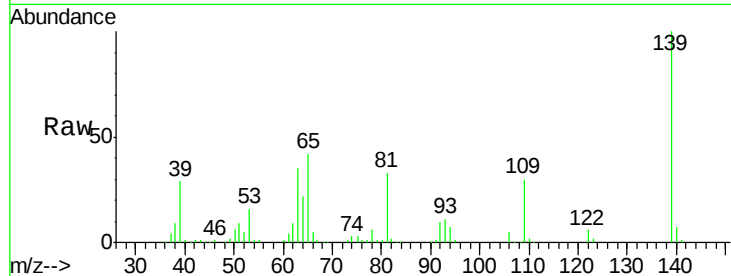
#26
2-Nitrophenol
Concen: 53.75 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	29.7	23.0	34.4
65	42.5	45.8	68.8

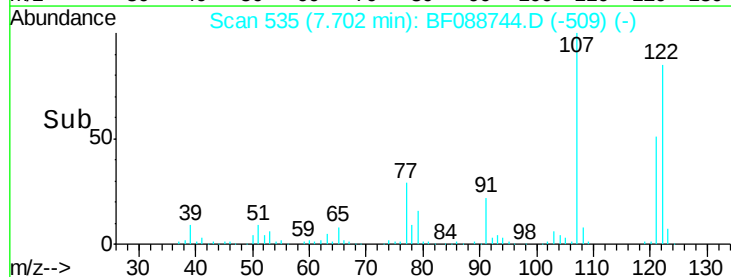
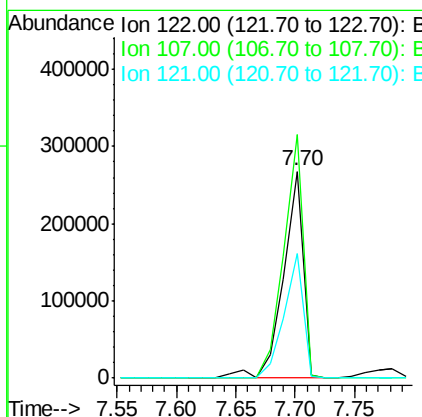
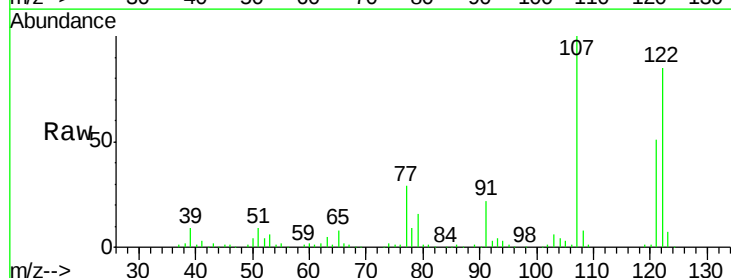
Manual Integrations

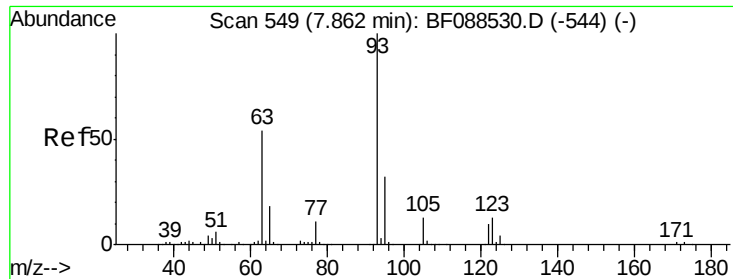
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#27
2,4-Dimethylphenol
Concen: 44.95 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.7	82.4	123.6
121	60.5	46.3	69.5





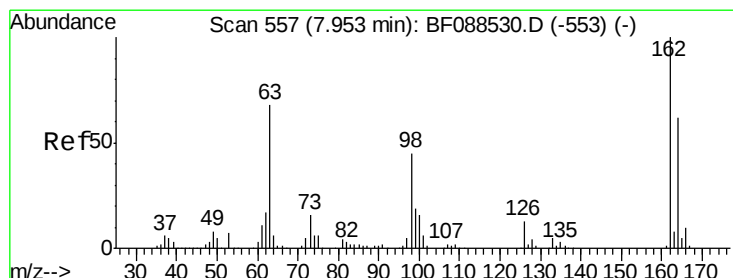
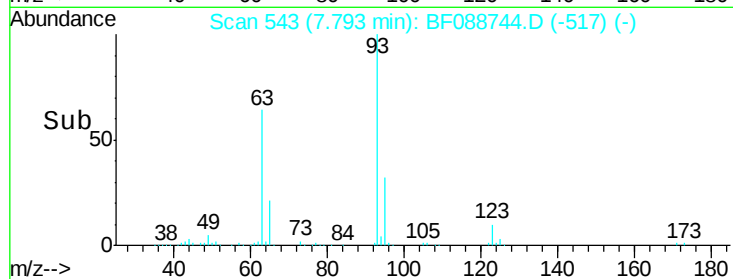
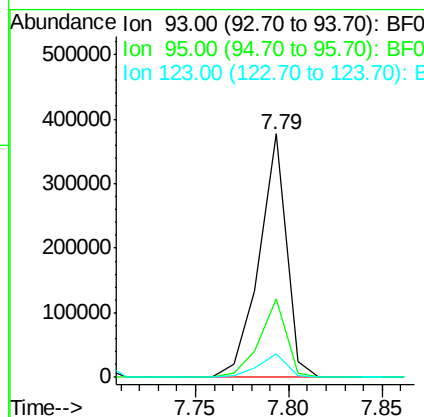
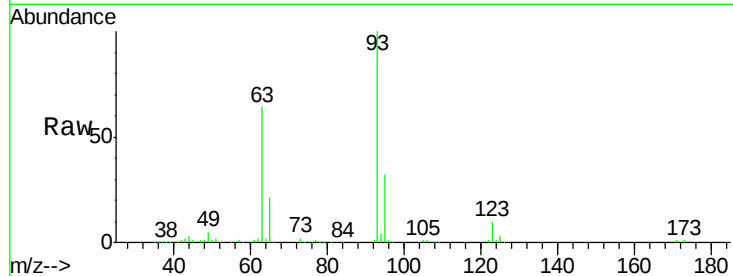
#28
bis(2-Chloroethoxy)methane
Concen: 39.58 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	9.8	11.6	17.4

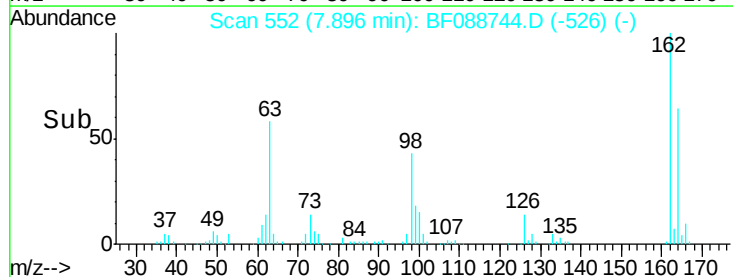
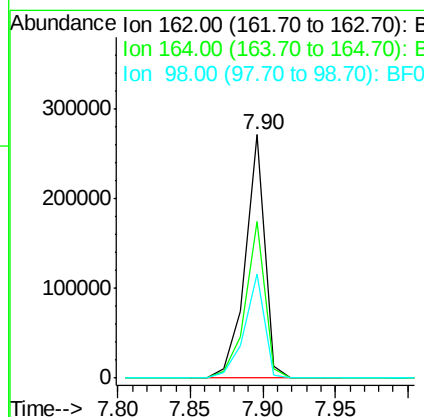
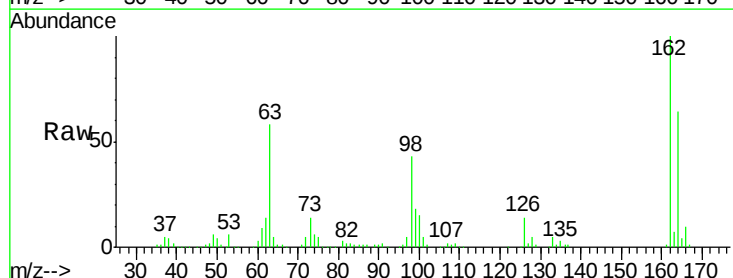
Manual Integrations

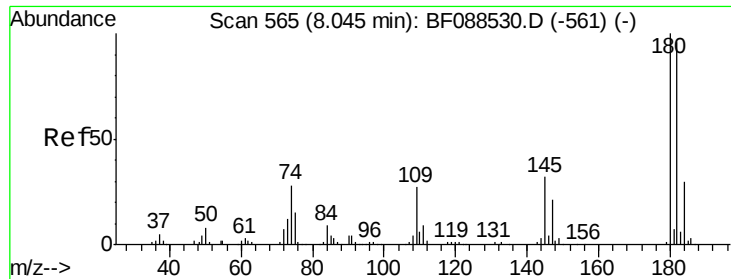
umangi
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#29
2,4-Dichlorophenol
Concen: 46.02 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.8	83.8
98	42.9	21.3	61.3





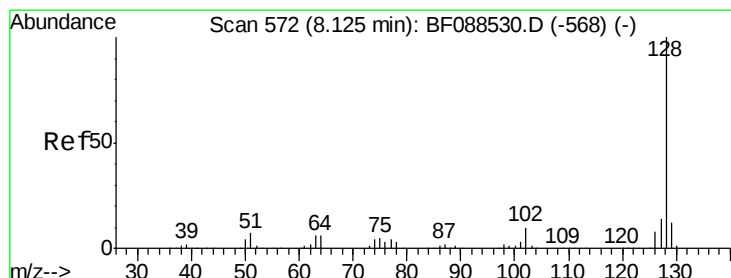
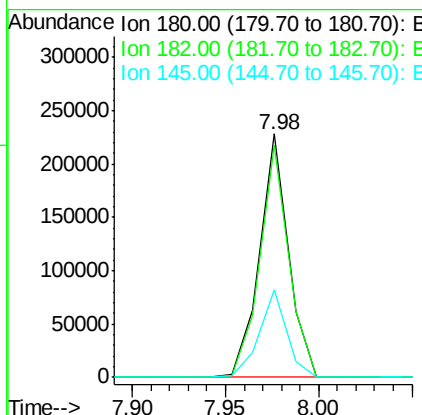
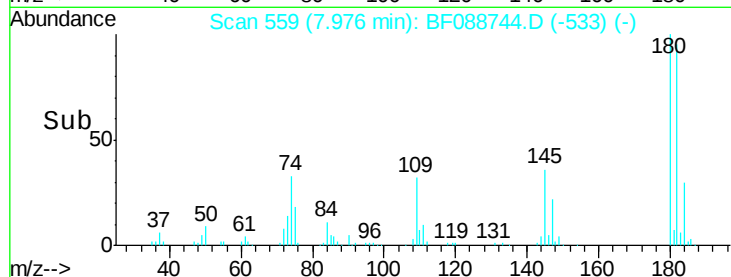
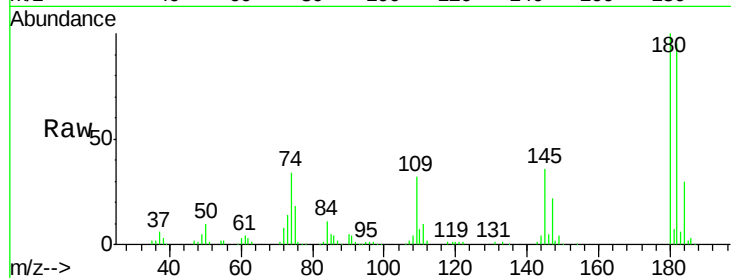
#30
 1,2,4-Trichlorobenzene
 Concen: 39.94 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.0	114.0
145	35.8	26.5	39.7

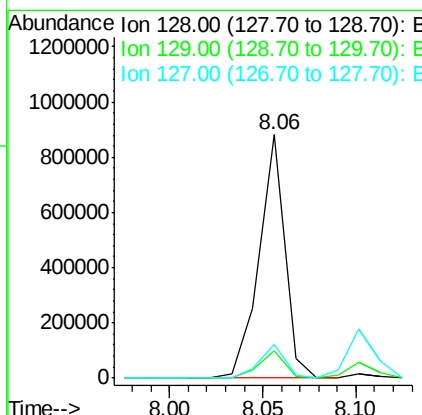
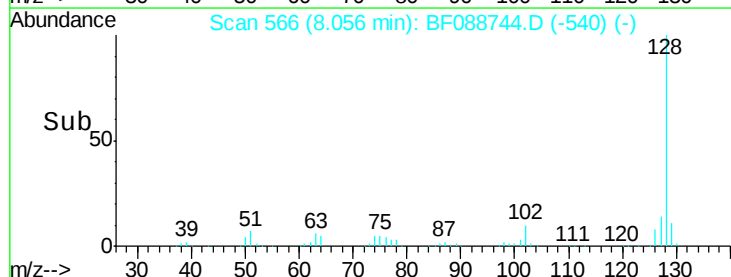
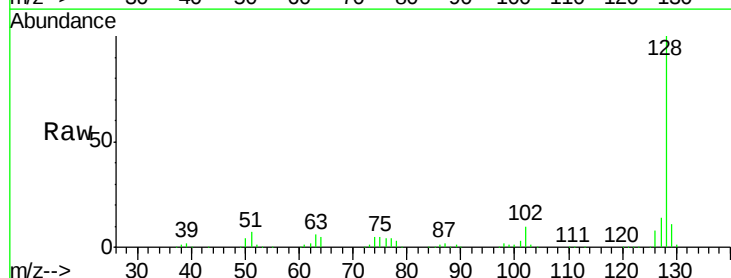
Manual Integrations

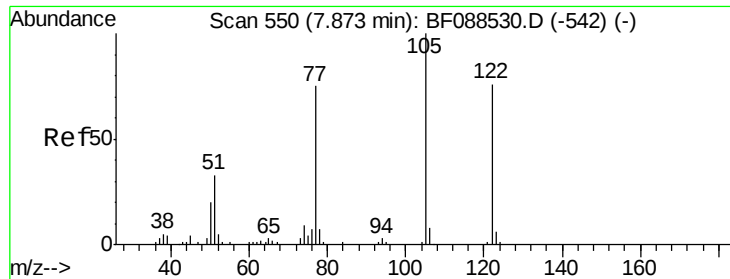
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#31
 Naphthalene
 Concen: 40.66 ng
 RT: 8.06 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.7	10.9	16.3





#32

Benzoic acid

Concen: 5.33 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.06 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

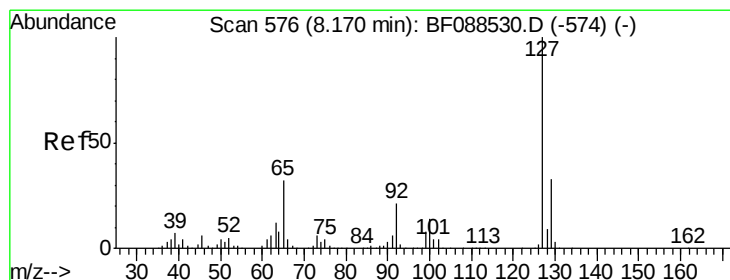
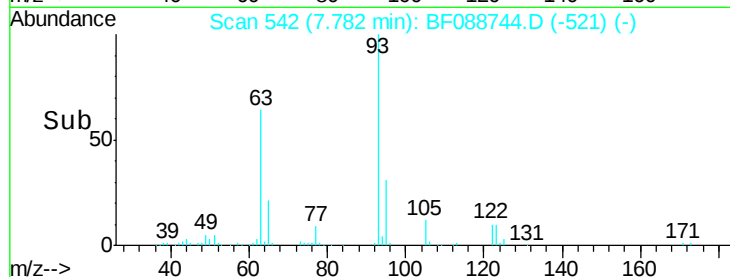
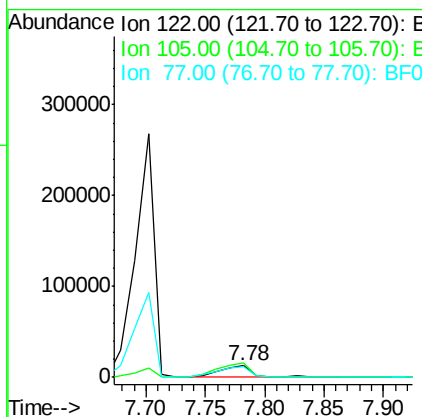
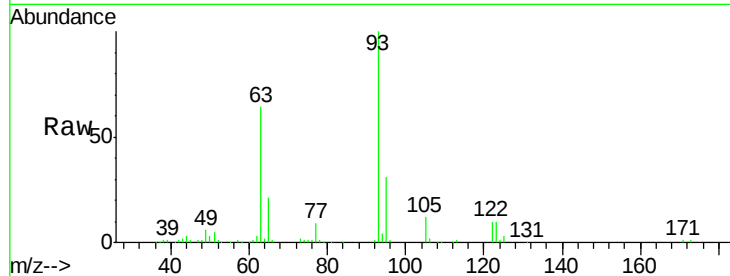
PB91776BS

Tot Ion:	122	Resp:	26515
Ion Ratio	Lower	Upper	
122	100		
105	127.6	101.6	141.6
77	94.3	70.6	110.6

Manual Integrations

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#33

4-Chloroaniline

Concen: 20.53 ng

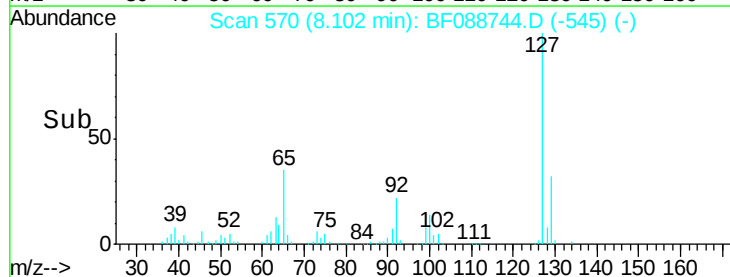
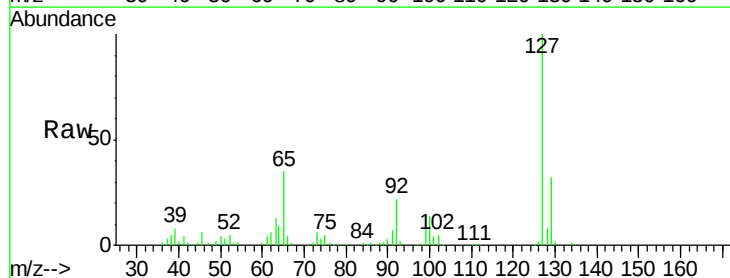
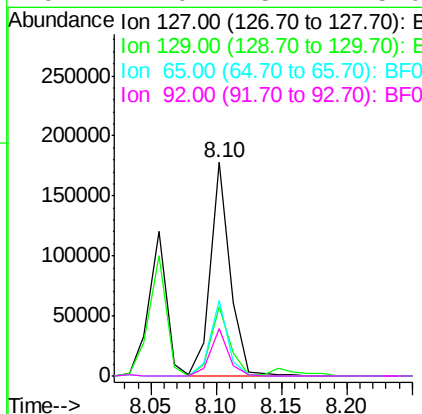
RT: 8.10 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Tgt Ion:	127	Resp:	187766
Ion Ratio	Lower	Upper	
127	100		
129	32.1	26.3	39.5
65	35.4	24.7	37.1
92	22.0	15.4	23.0





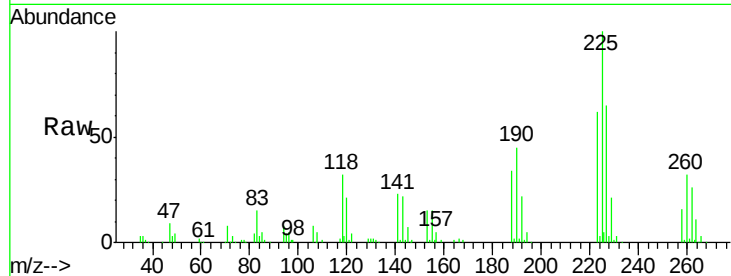
#34
Hexachlorobutadiene
Concen: 44.77 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

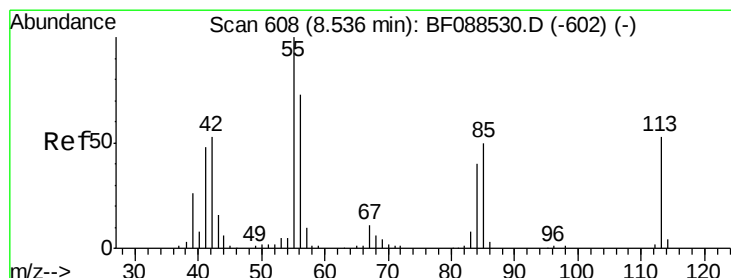
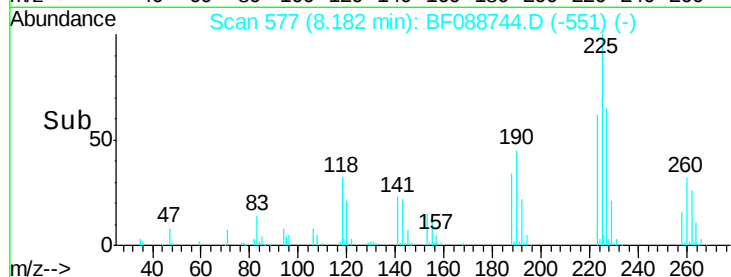
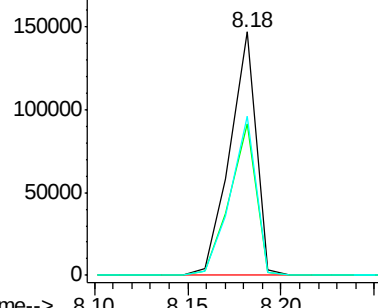
Tot Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.9	76.3
227	65.2	51.9	77.9

Manual Integrations

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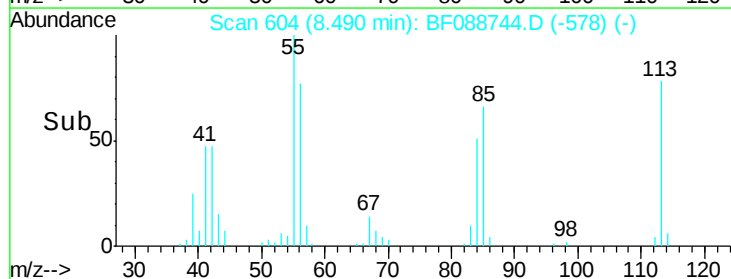
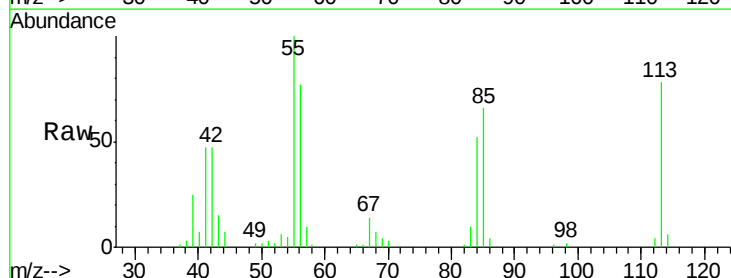
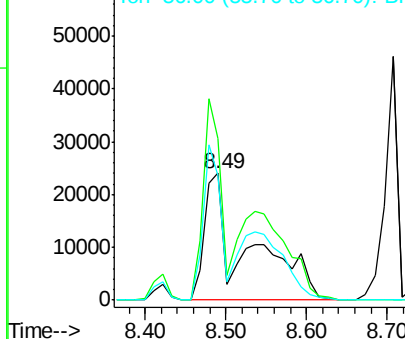
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

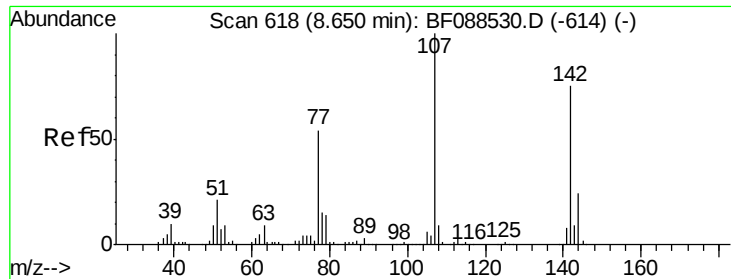


#35
Caprolactam
Concen: 46.40 ng m
RT: 8.49 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
113	100		
55	127.4	158.6	198.6#
56	98.0	110.6	150.6#

Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 40.39 ng

RT: 8.59 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

Tot Ion:107 Resp: 264571

Ion Ratio Lower Upper

107 100

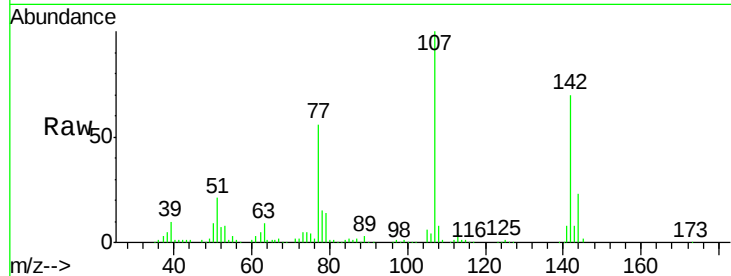
144 22.7 20.8 31.2

142 70.0 63.4 95.2

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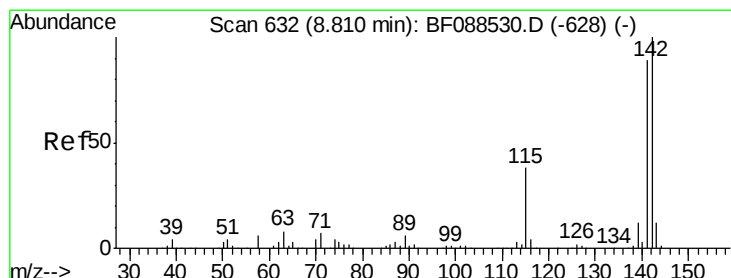
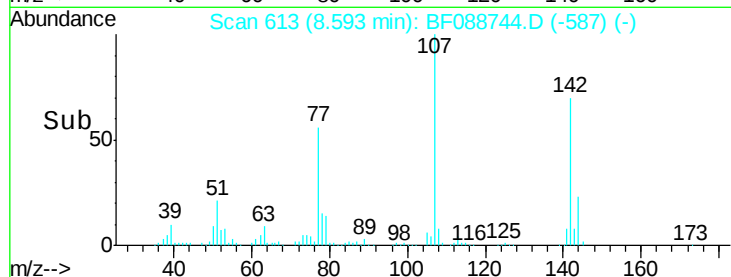
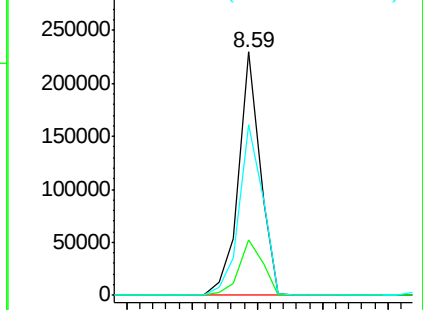
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Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 42.83 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

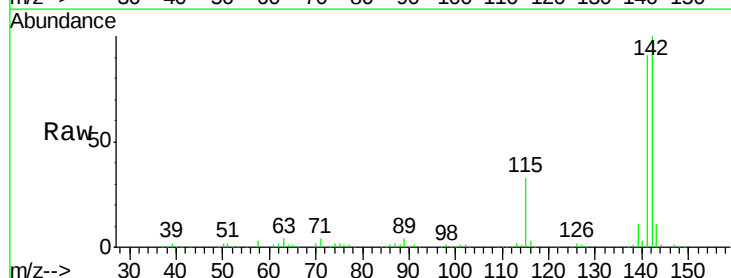
Tgt Ion:142 Resp: 567045

Ion Ratio Lower Upper

142 100

141 90.6 71.0 106.6

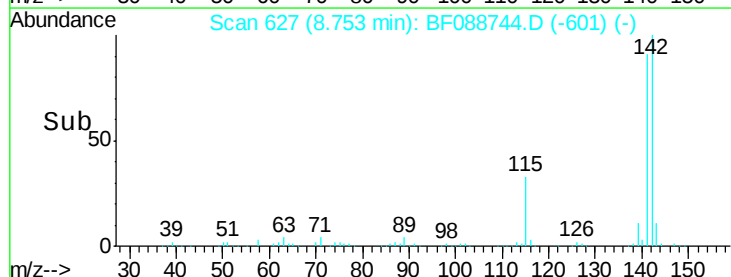
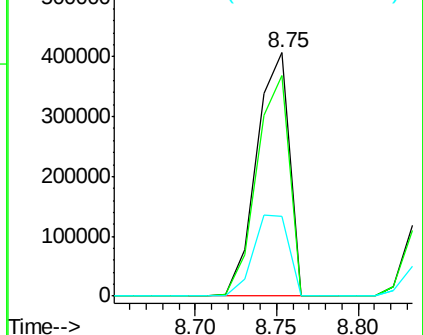
115 32.8 22.6 33.8

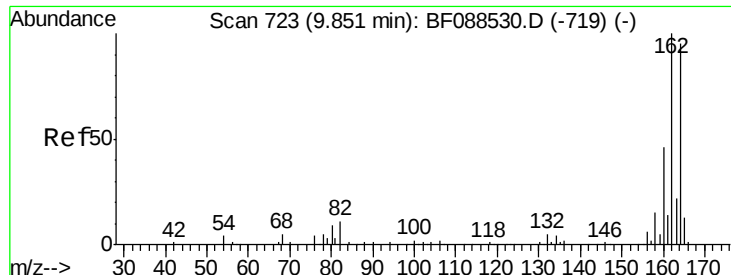


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





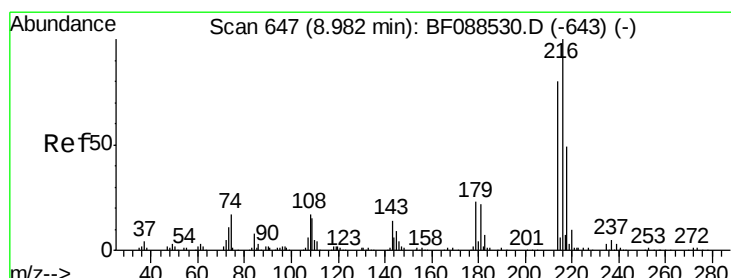
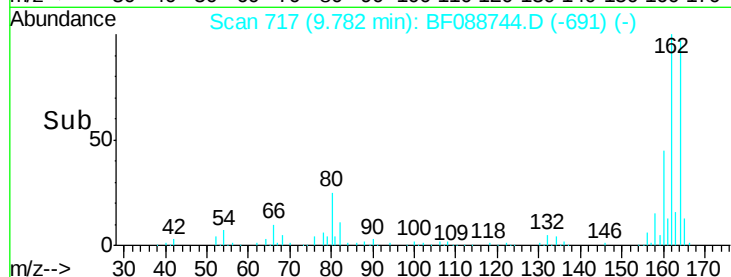
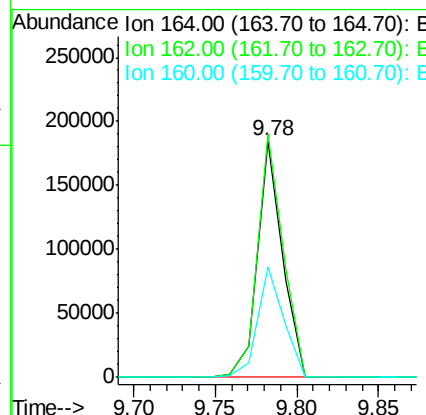
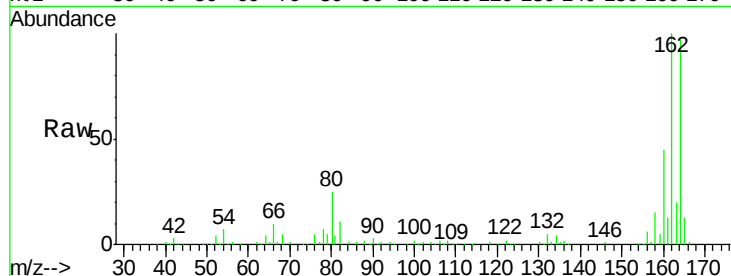
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.4	128.2
160	46.7	39.5	59.3

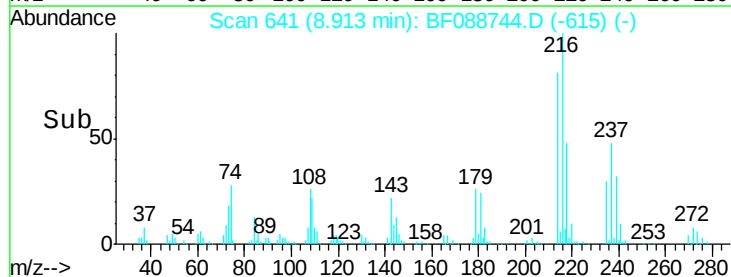
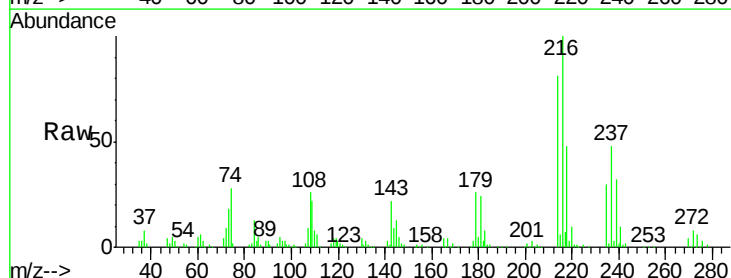
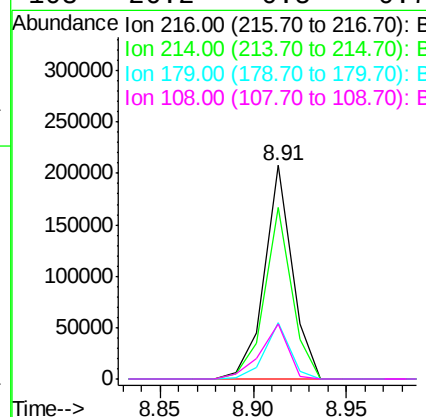
Manual Integrations

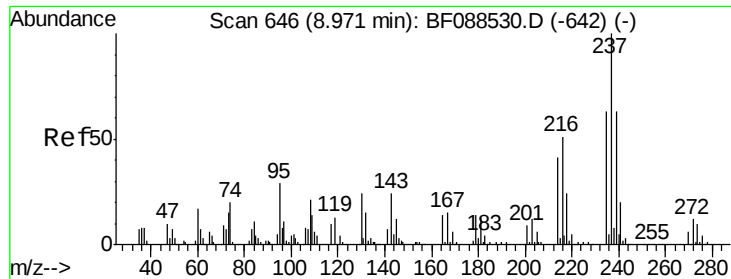
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.77 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	2.9	4.3#
179	24.3	0.0	0.0#
108	26.2	0.5	0.7#





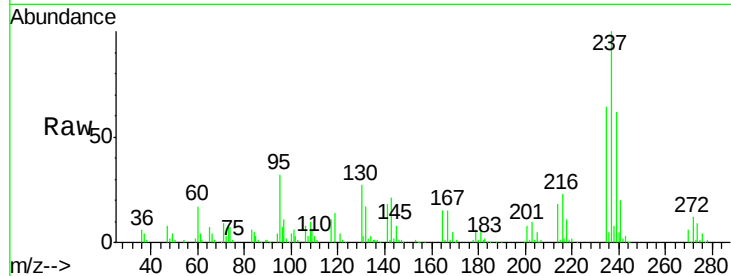
#40
Hexachlorocyclopentadiene
Concen: 72.63 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

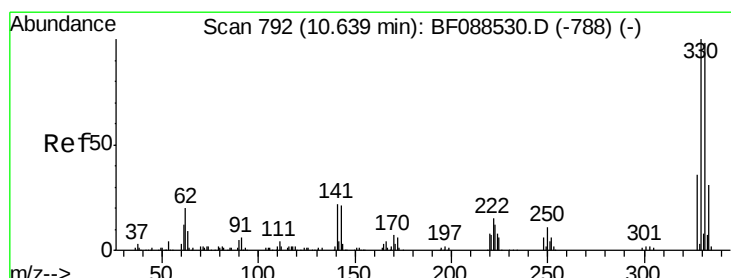
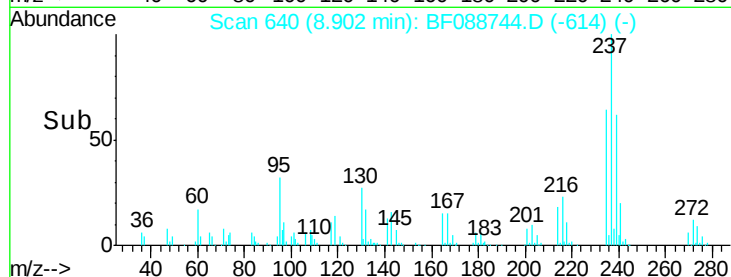
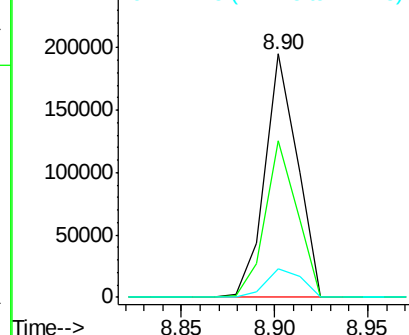
Tot Ion	Ratio	Resp	Lower	Upper
237	100	233418		
235	64.1	43.4	83.4	
272	11.7	0.0	32.3	

Manual Integrations

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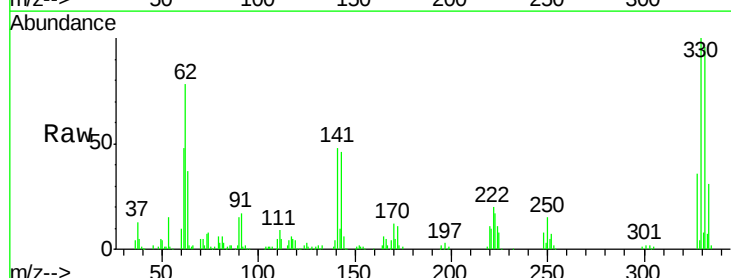


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

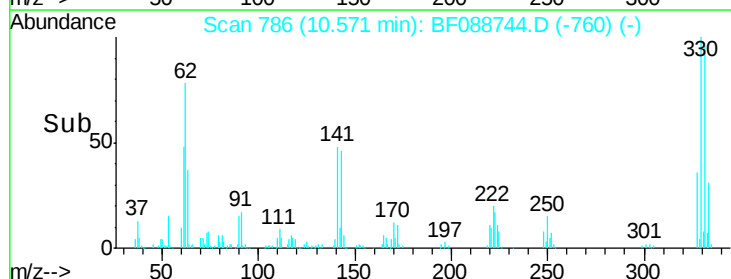
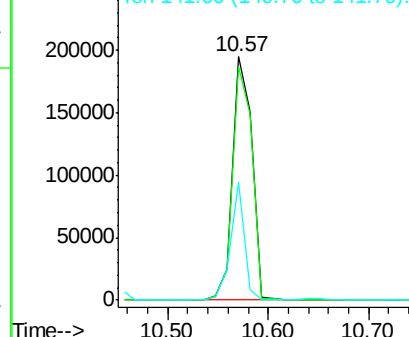


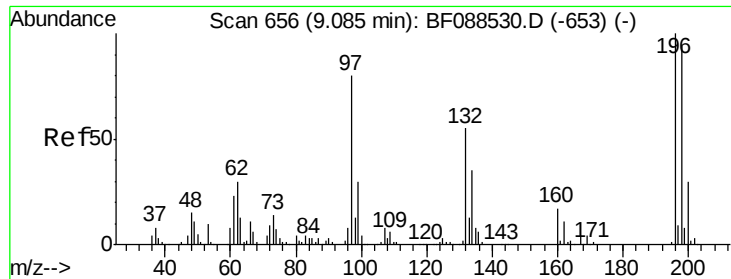
#41
2,4,6-Tribromophenol
Concen: 142.14 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	259847		
332	96.9	0.0	0.0#	
141	34.5	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





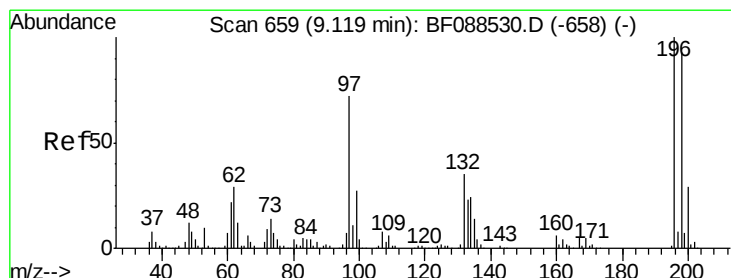
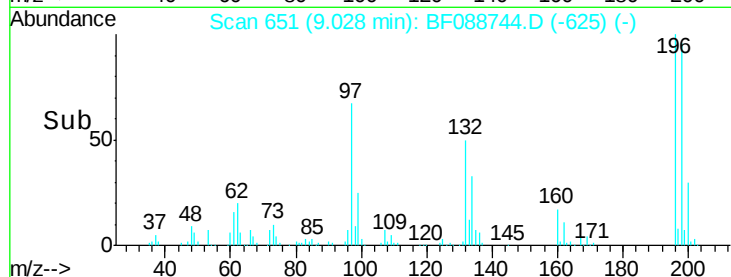
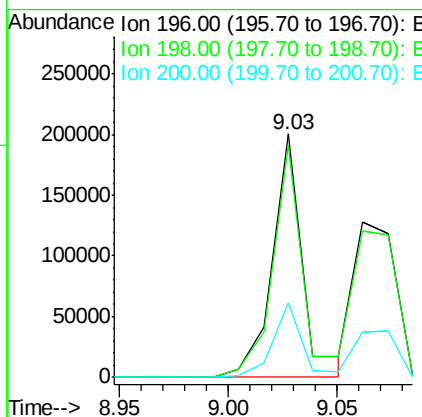
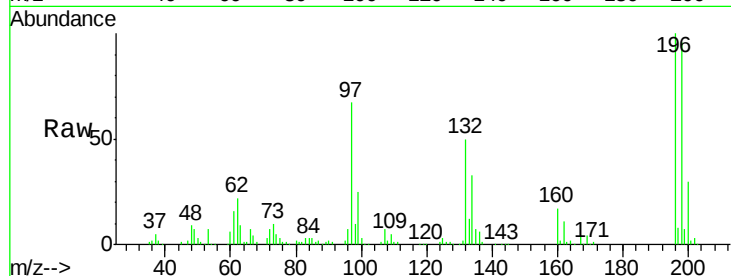
#42
2,4,6-Trichlorophenol
Concen: 44.84 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleID :
PB91776BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	78.0	117.0
200	30.5	25.4	38.2

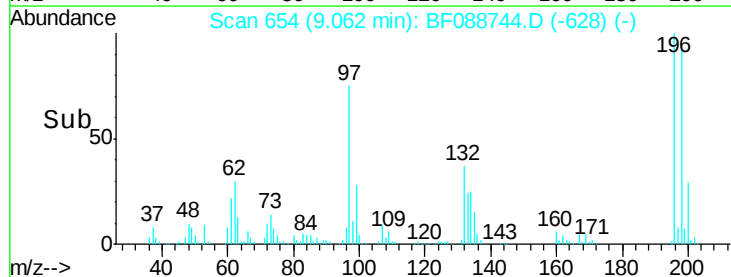
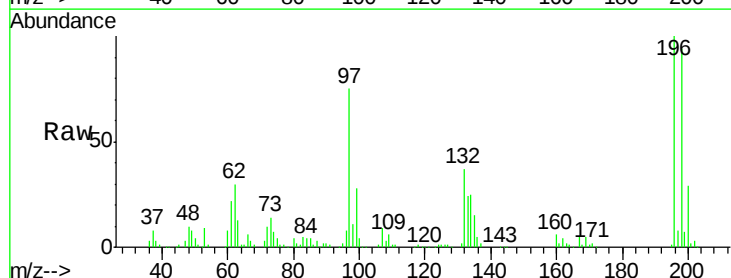
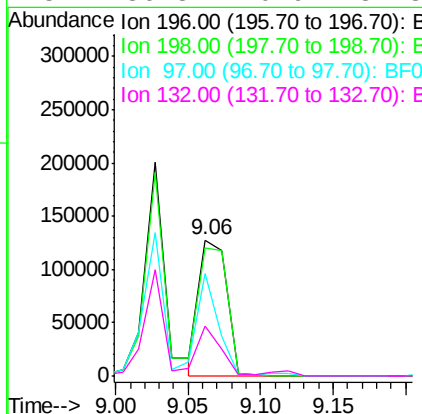
Manual Integrations

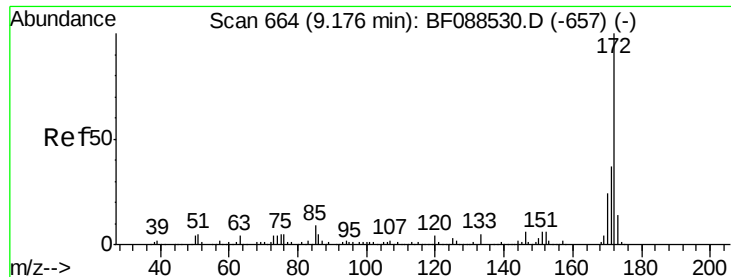
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#43
2,4,5-Trichlorophenol
Concen: 46.21 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	77.5	116.3
97	75.4	32.0	48.0#
132	36.8	20.9	31.3#





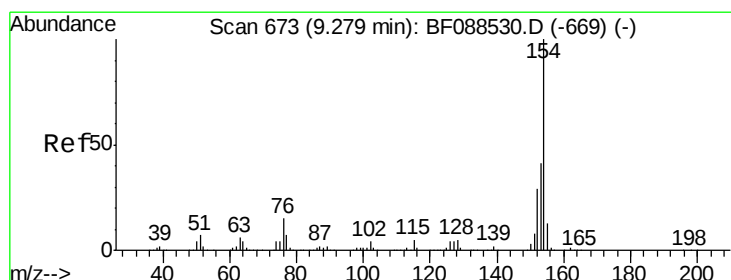
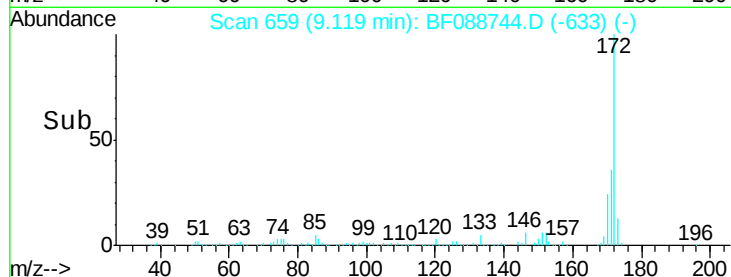
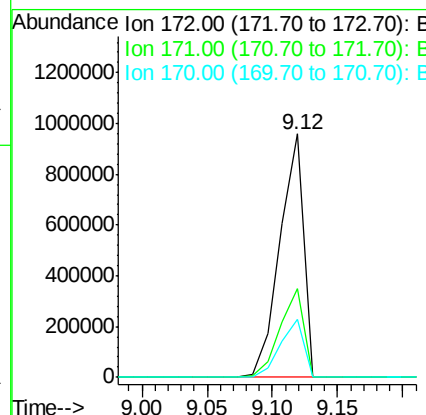
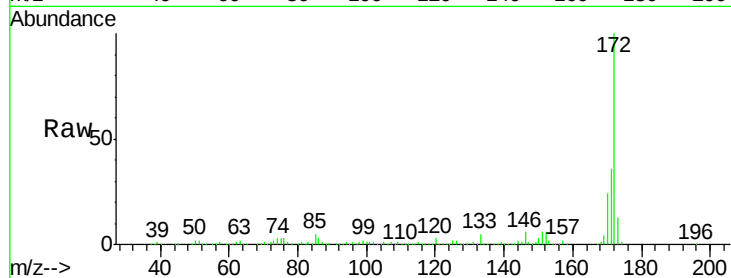
#44
2-Fluorobiphenyl
Concen: 96.53 ng
RT: 9.12 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion:172 Resp: 1203026
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.1 19.2 28.8

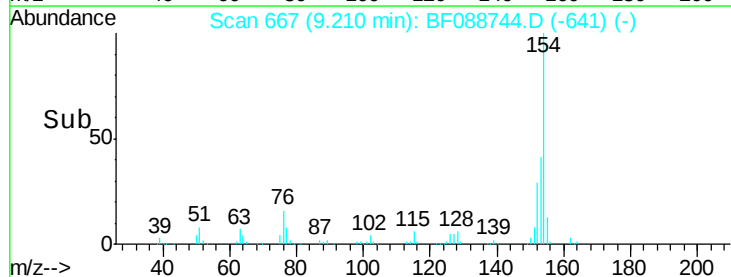
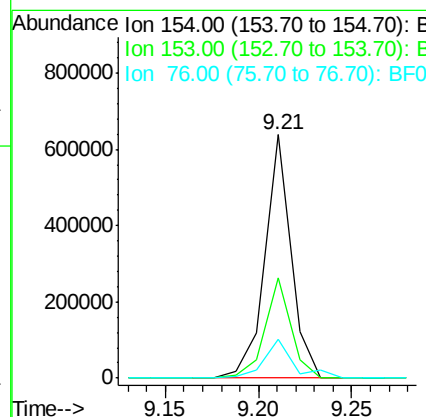
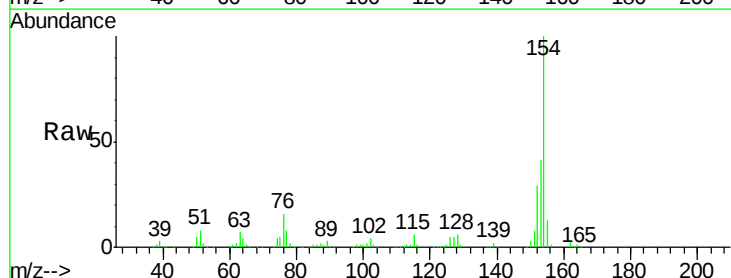
Manual Integrations

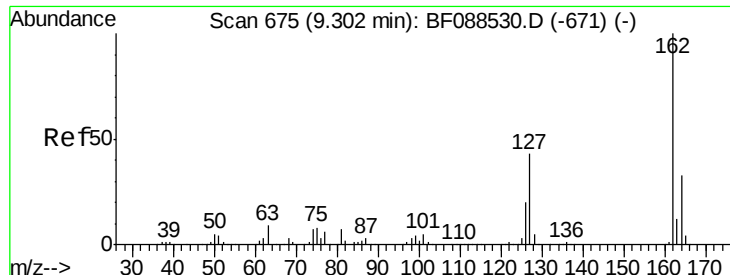
umangi
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#45
1,1'-Biphenyl
Concen: 37.75 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion:154 Resp: 615453
Ion Ratio Lower Upper
154 100
153 41.3 20.6 60.6
76 15.9 0.0 35.1





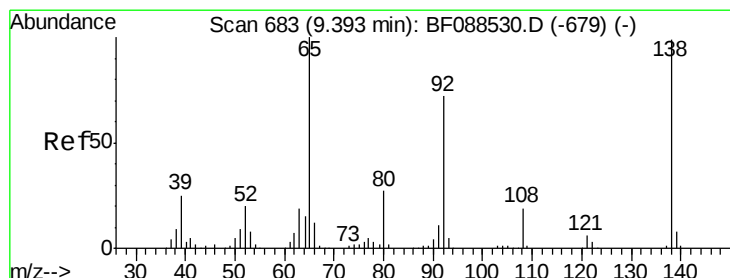
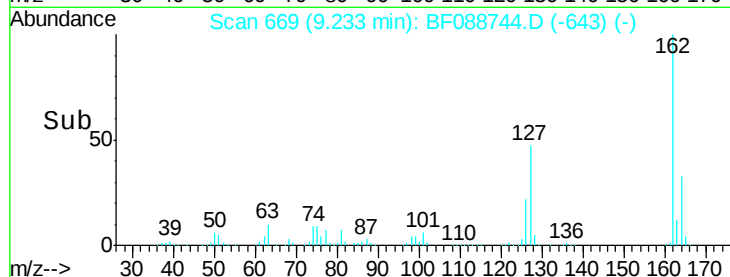
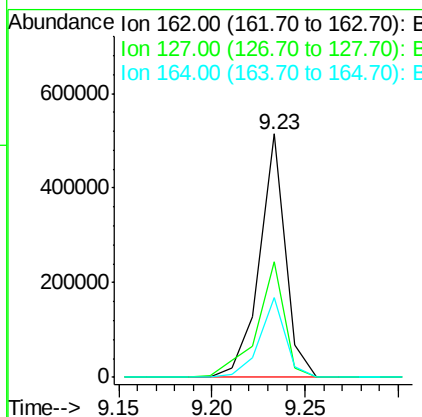
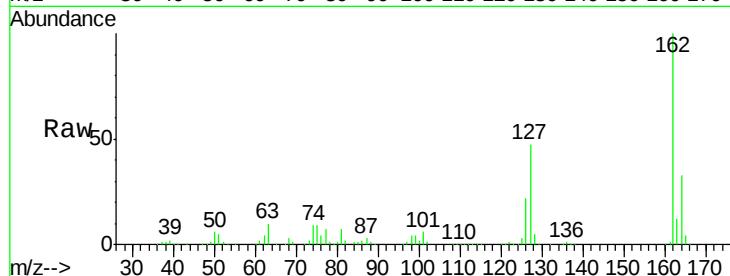
#46
2-Chloronaphthalene
Concen: 39.21 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		501734		
127	47.4	35.2	52.8		
164	32.6	26.6	39.8		

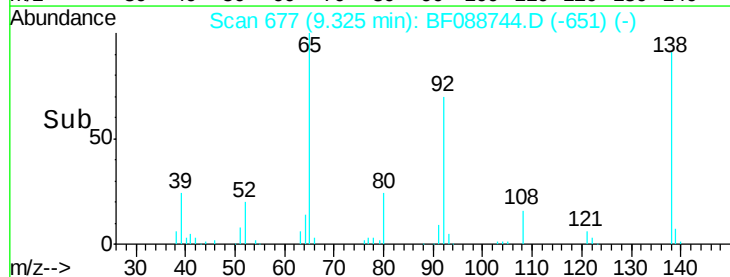
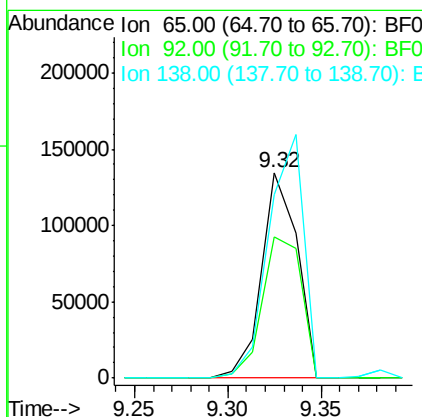
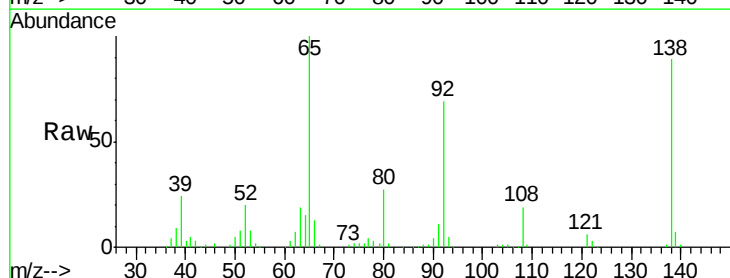
Manual Integrations

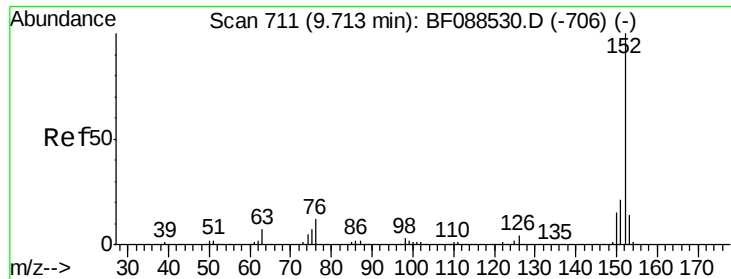
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#47
2-Nitroaniline
Concen: 39.13 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		177723		
92	68.9	54.6	82.0		
138	89.1	77.0	115.4		





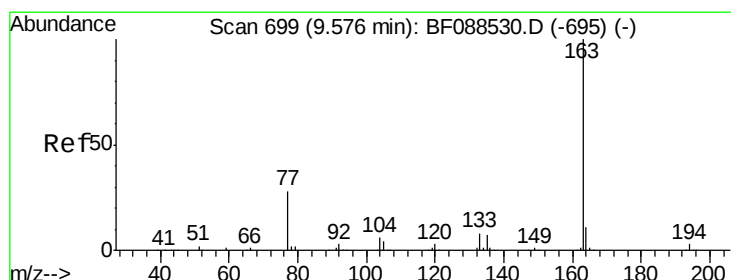
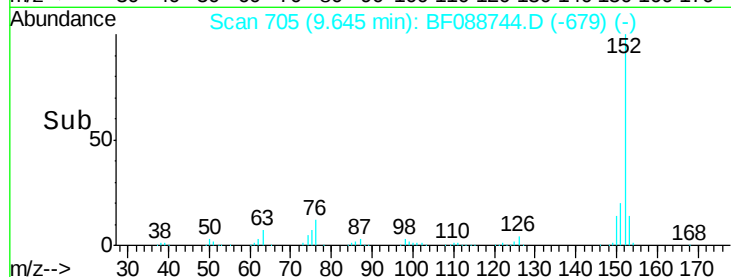
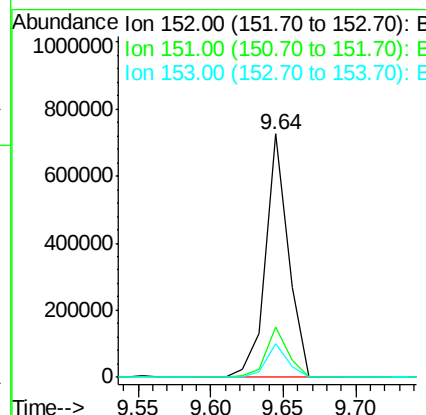
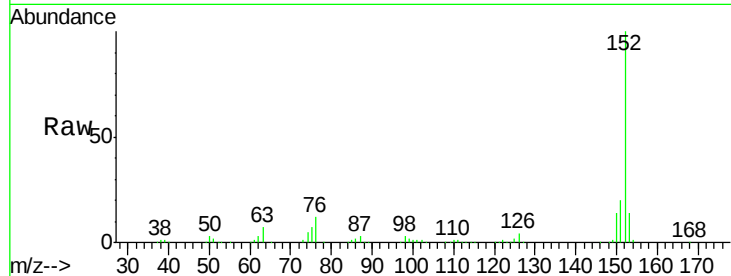
#48
Acenaphthylene
Concen: 38.65 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		786929		
151	20.5	16.2	24.4		
153	13.6	11.0	16.6		

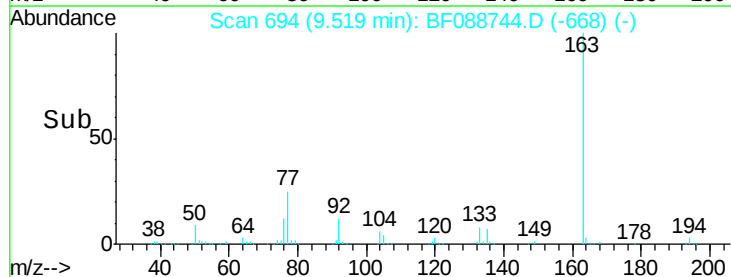
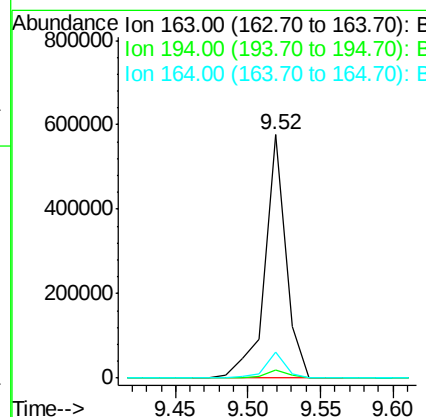
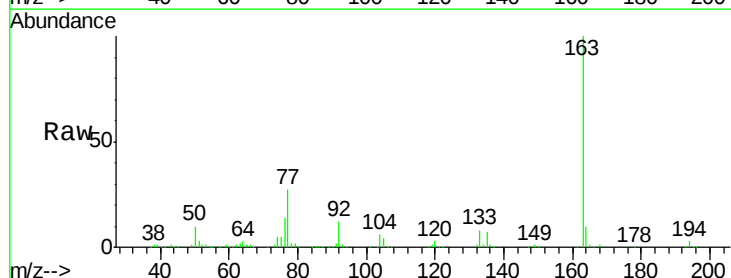
Manual Integrations

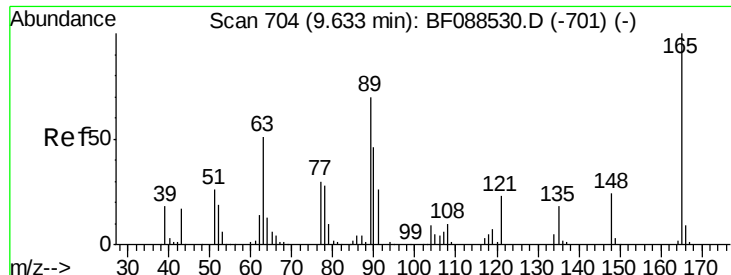
umangi
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#49
Dimethylphthalate
Concen: 41.40 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		580689		
194	3.2	2.8	4.2		
164	10.4	8.3	12.5		





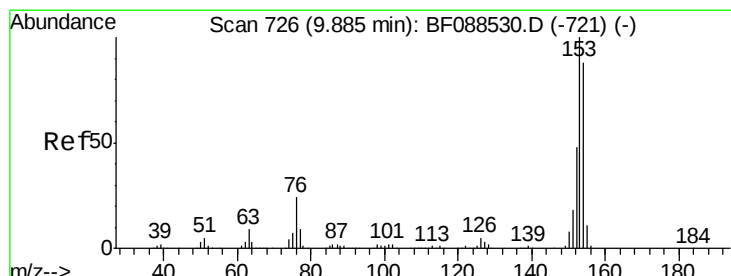
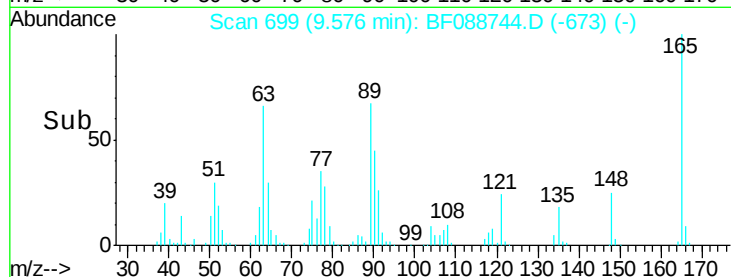
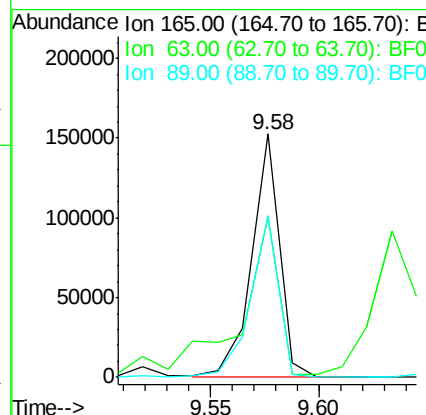
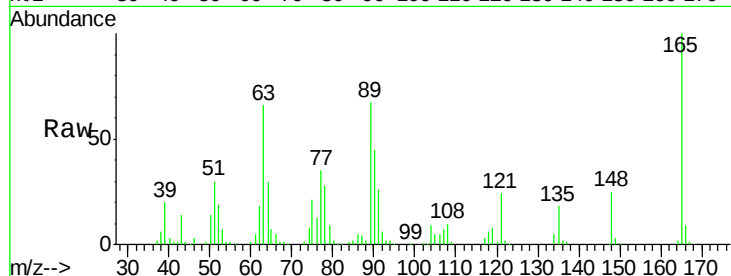
#50
2,6-Dinitrotoluene
Concen: 43.45 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.6	28.1	42.1#
89	66.5	32.2	48.2#

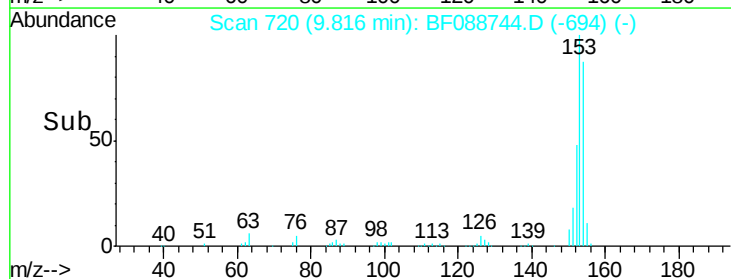
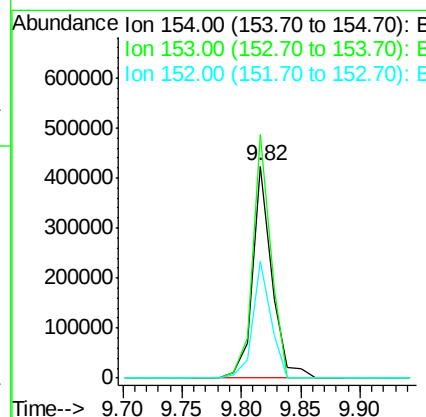
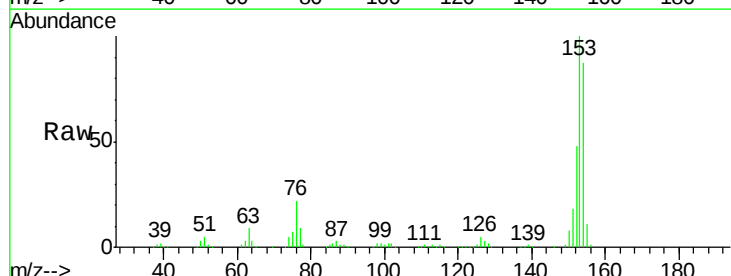
Manual Integrations

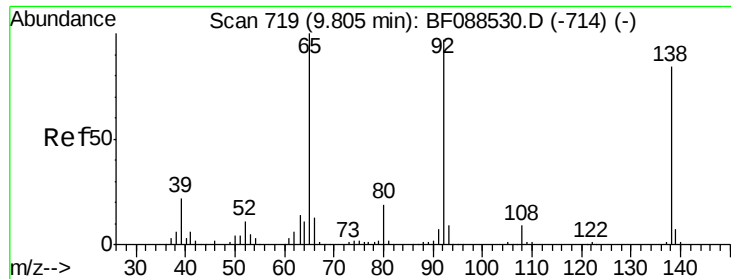
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#51
Acenaphthene
Concen: 38.73 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.7	89.5	134.3
152	55.0	42.7	64.1





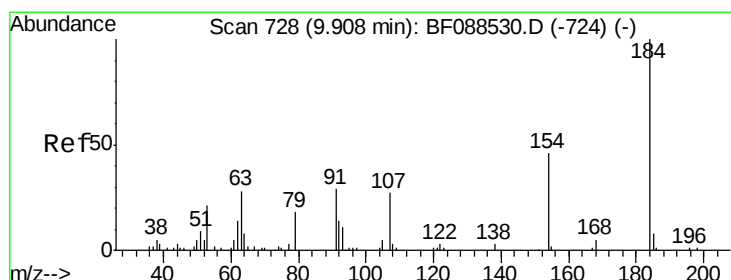
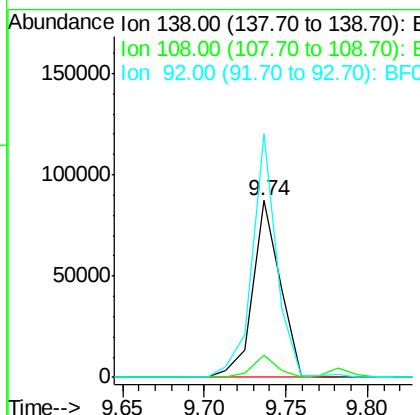
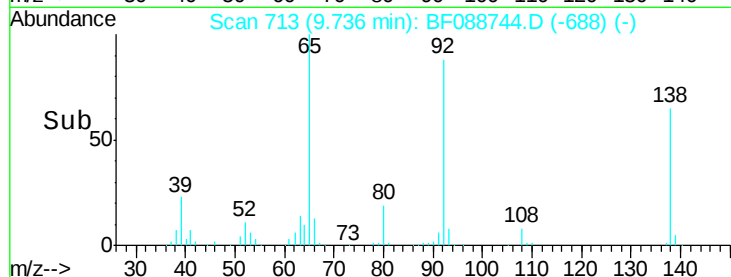
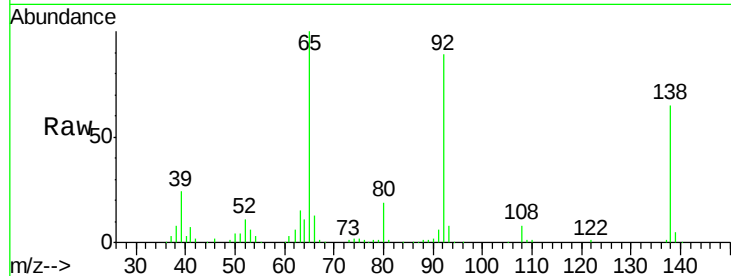
#52
3-Nitroaniline
Concen: 25.63 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion:138 Resp: 101254
Ion Ratio Lower Upper
138 100
108 12.3 8.5 12.7
92 137.7 95.7 143.5

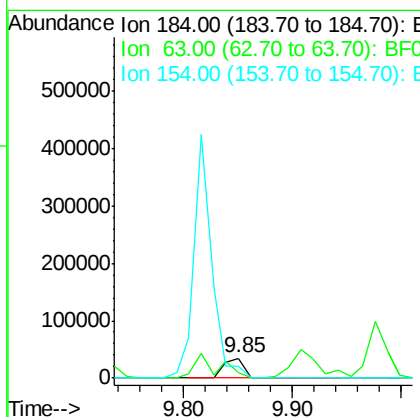
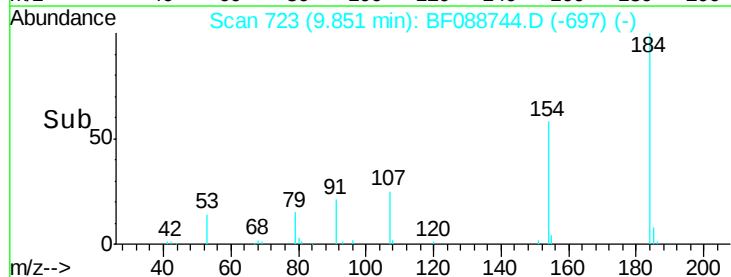
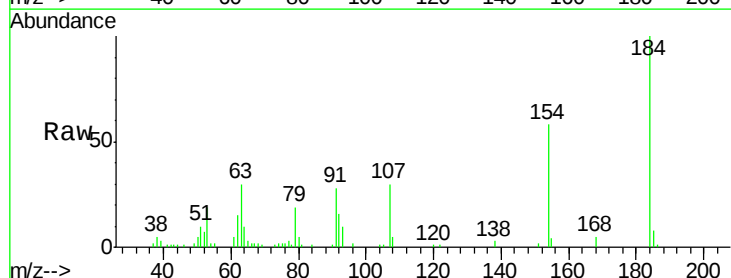
Manual Integrations

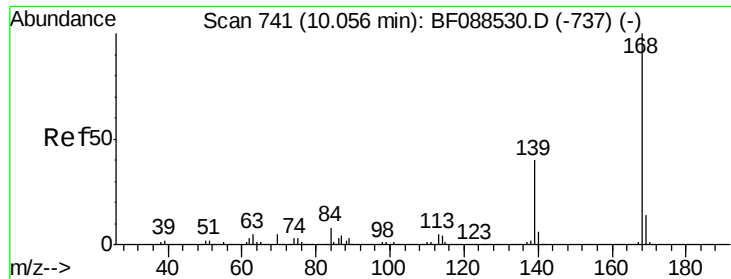
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#53
2,4-Dinitrophenol
Concen: 33.33 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion:184 Resp: 45750
Ion Ratio Lower Upper
184 100
63 29.7 57.6 86.4#
154 57.9 53.5 80.3





#54

Dibenzofuran

Concen: 42.70 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

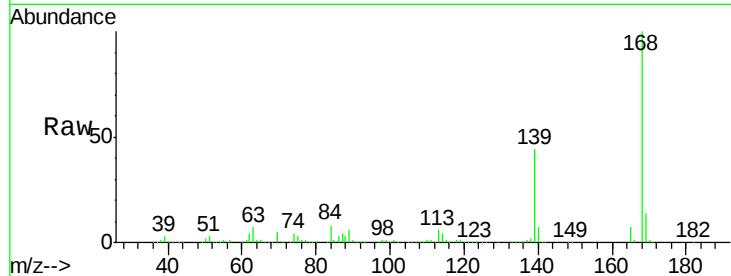
ClientSampleId :

PB91776BS

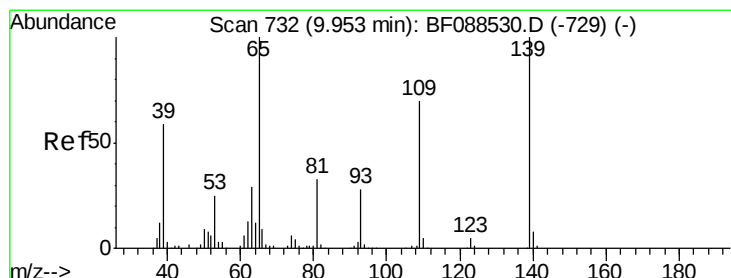
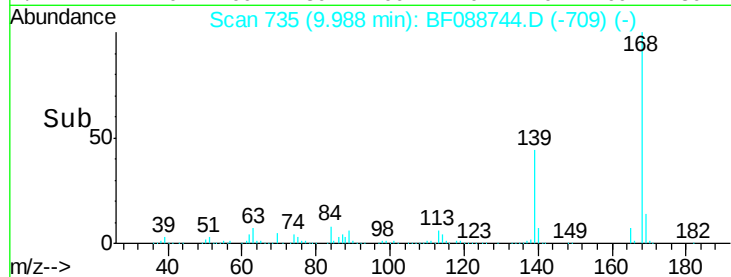
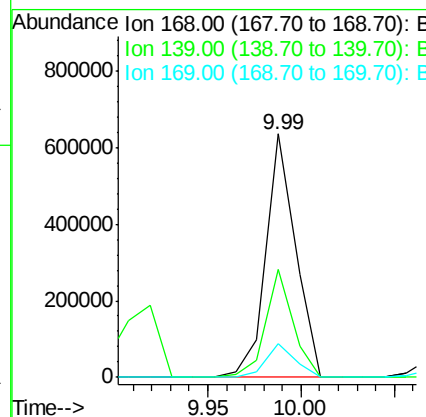
Manual Integrations

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Tot Ion	168	139	169
Ratio	100	44.2	13.7
Lower		26.4	10.4
Upper		39.6	15.6



#55

4-Nitrophenol

Concen: 91.47 ng

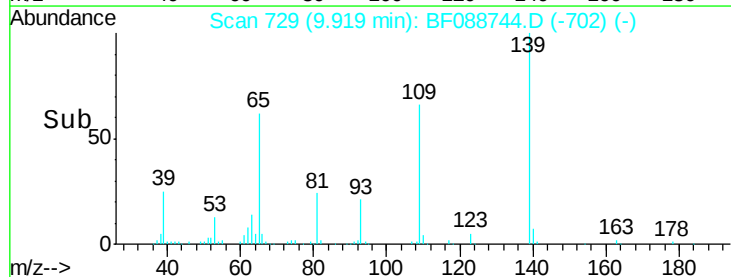
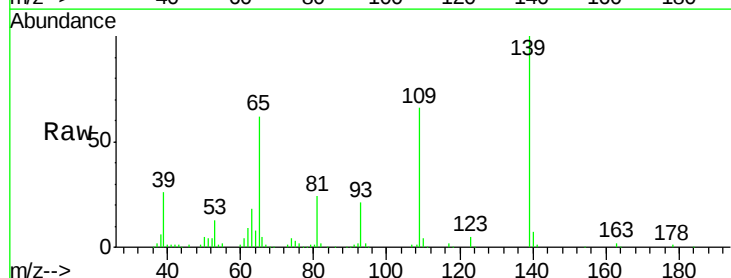
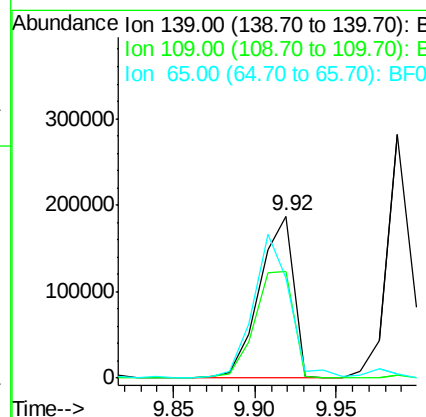
RT: 9.92 min Scan# 729

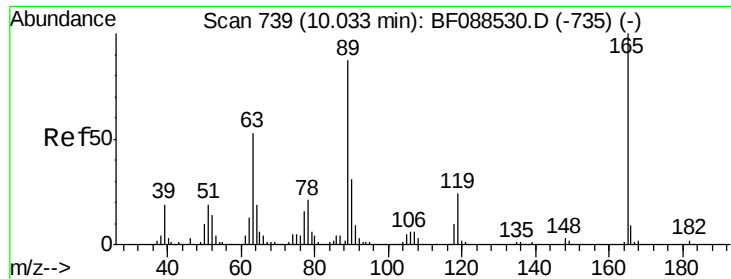
Delta R.T. 0.01 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Tgt Ion	139	109	65
Ratio	100	66.1	61.9
Lower		48.9	84.9
Upper		88.9	124.9





#56

2,4-Dinitrotoluene

Concen: 41.98 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

Tot Ion:165 Resp: 170629

Ion Ratio Lower Upper

165 100

63 57.6 22.0 33.0#

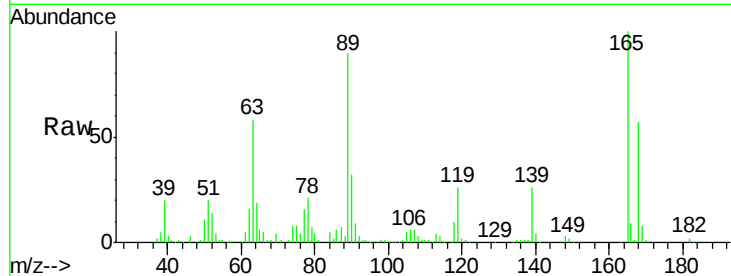
89 90.4 41.1 61.7#

182 2.2 2.0 3.0

Manual Integrations

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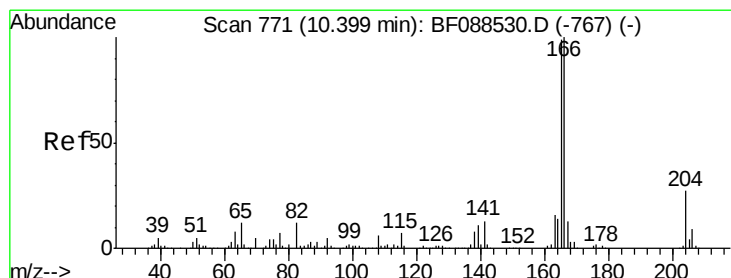
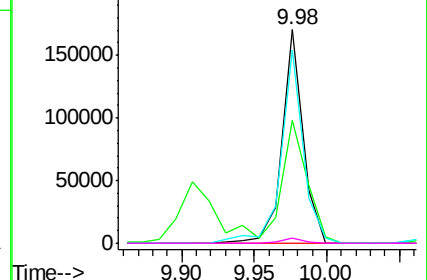
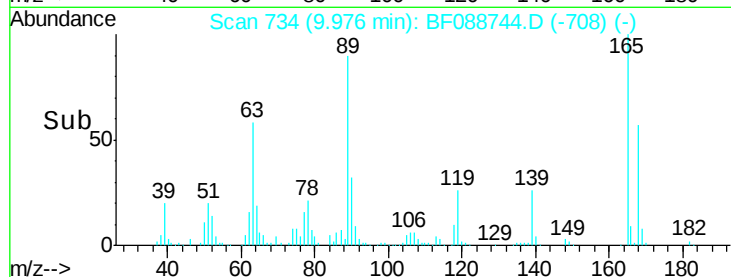


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: 40.86 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

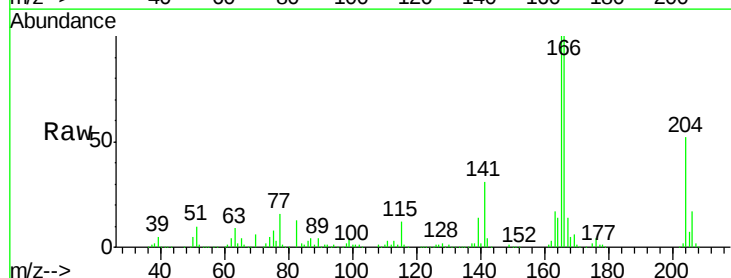
Tgt Ion:166 Resp: 514381

Ion Ratio Lower Upper

166 100

165 99.9 77.8 116.8

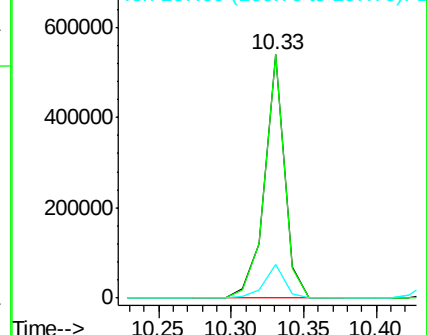
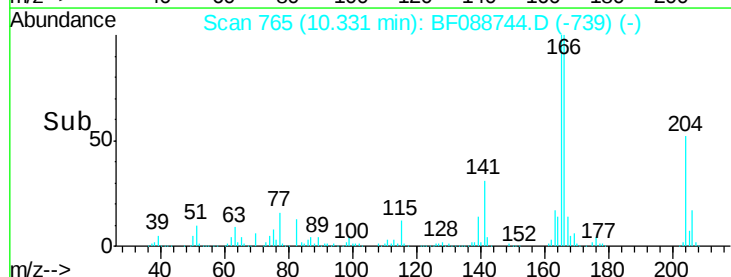
167 13.7 11.2 16.8



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





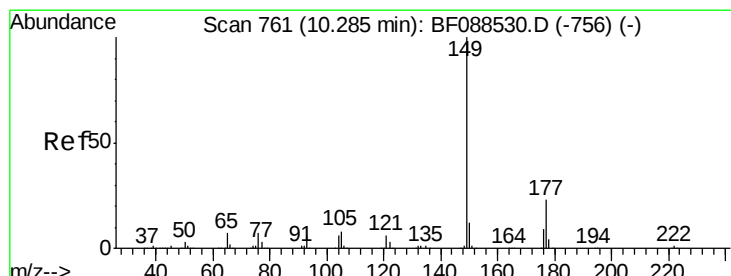
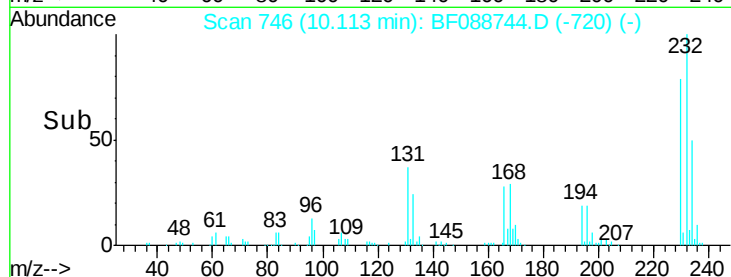
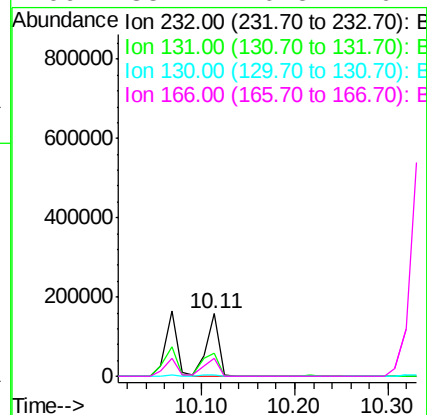
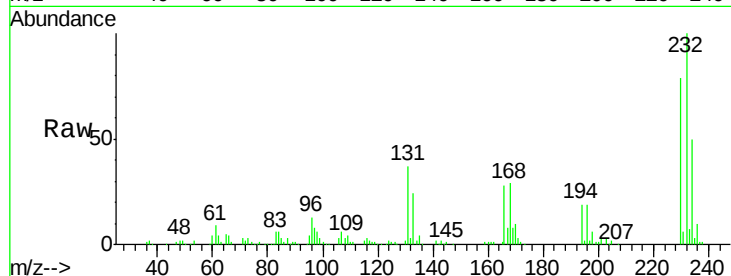
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.23 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.4	0.9	1.3#
130	2.6	1.5	2.3#
166	33.4	0.5	0.7#

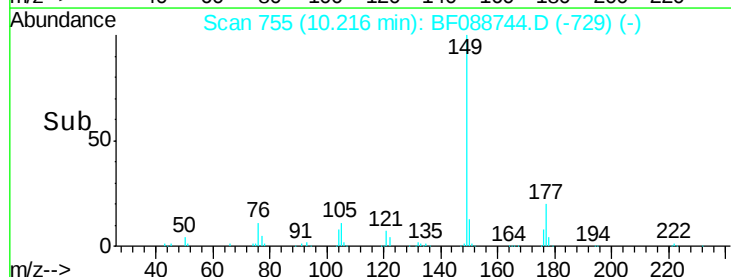
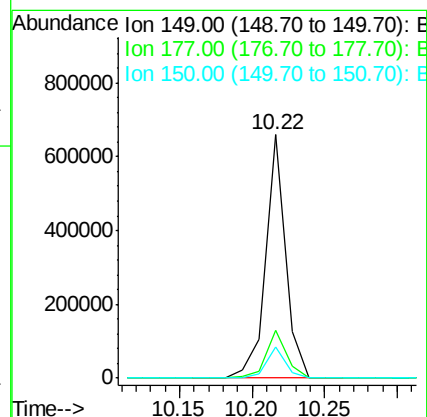
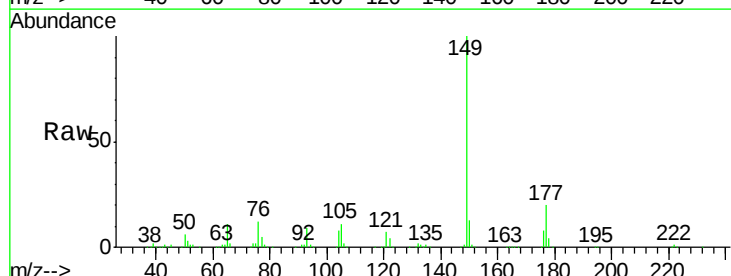
Manual Integrations

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#59
 Diethylphthalate
 Concen: 44.51 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.8	16.9	25.3
150	12.5	10.1	15.1





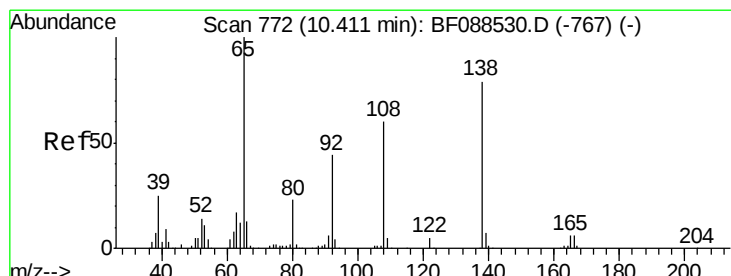
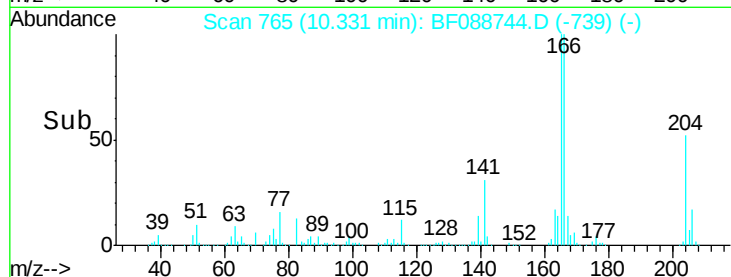
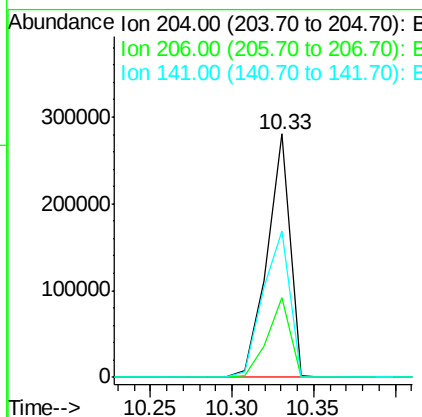
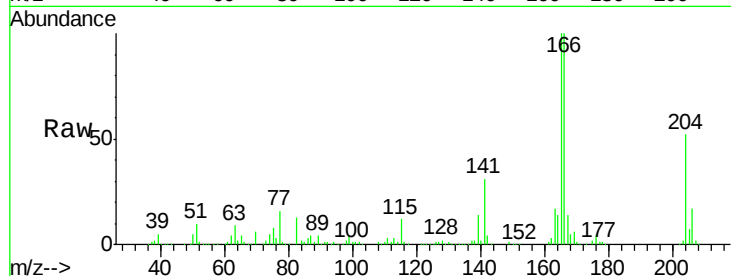
#60
 4-Chlorophenyl-phenylether
 Concen: 46.95 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tot Ion:	204	Resp:	274640
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.3	39.5
141	60.0	55.0	82.6

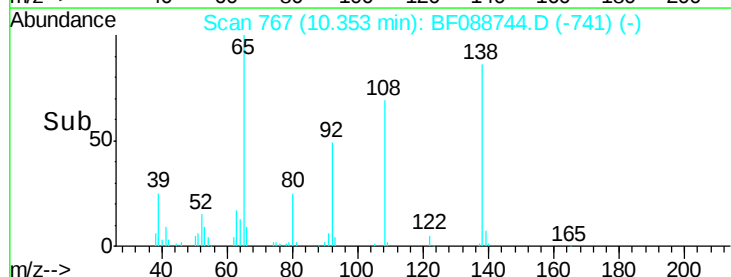
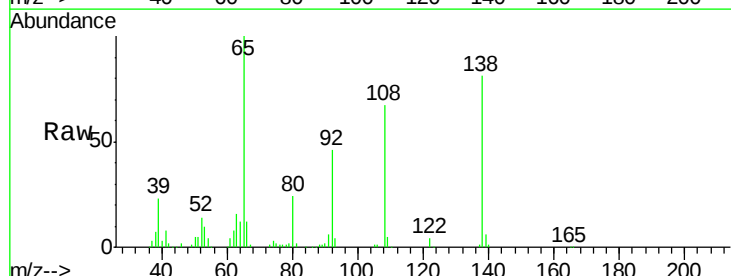
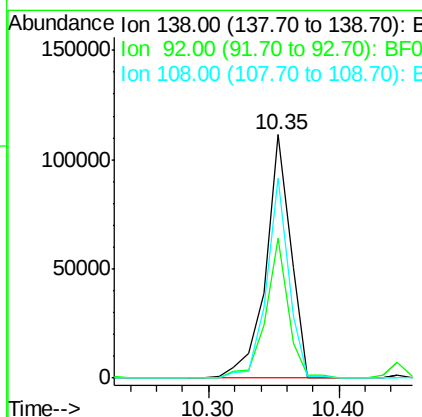
Manual Integrations

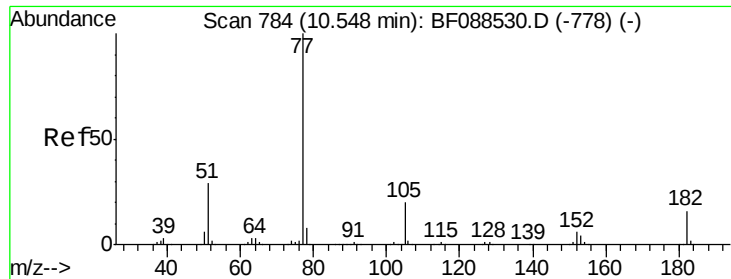
umangi
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#61
 4-Nitroaniline
 Concen: 39.40 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Tgt Ion:	138	Resp:	149812
Ion Ratio	Lower	Upper	
138	100		
92	57.3	27.3	67.3
108	82.4	46.7	86.7





#62

Azobenzene

Concen: 47.05 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

Tot Ion: 77 Resp: 755359

Ion Ratio Lower Upper

77 100

182 29.9 4.4 44.4

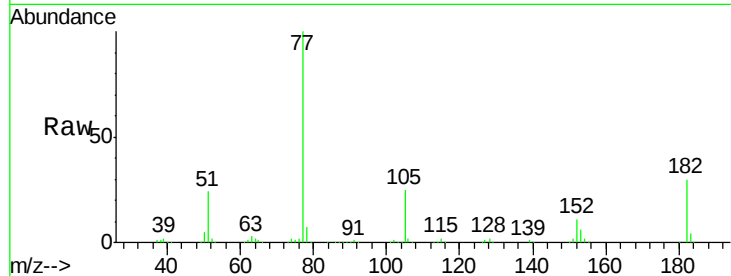
105 24.7 3.8 43.8

51 24.1 9.3 49.3

Manual Integrations

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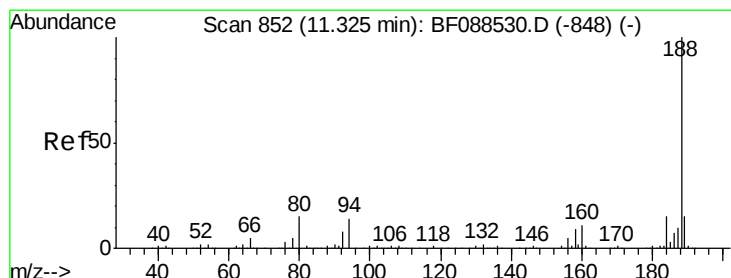
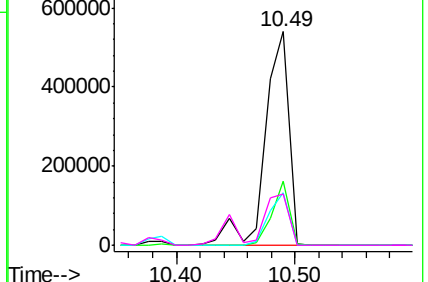
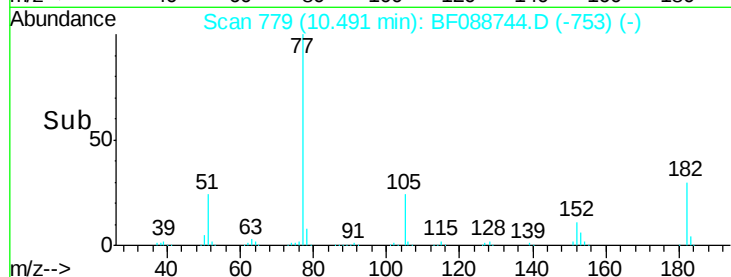


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.26 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

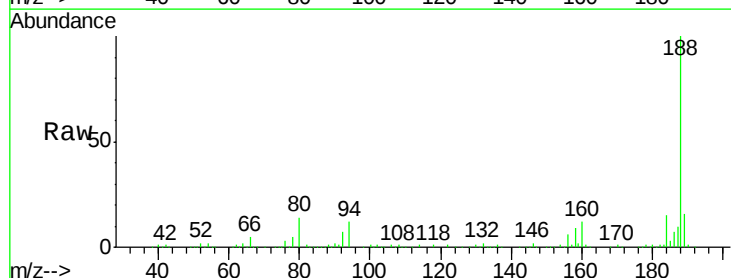
Tgt Ion: 188 Resp: 380571

Ion Ratio Lower Upper

188 100

94 12.1 9.0 13.6

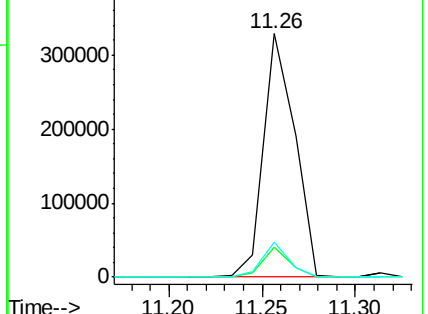
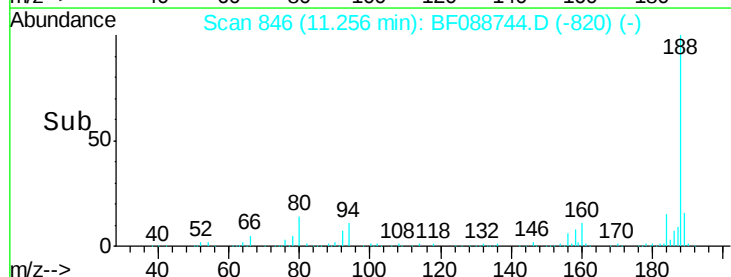
80 14.2 10.0 15.0

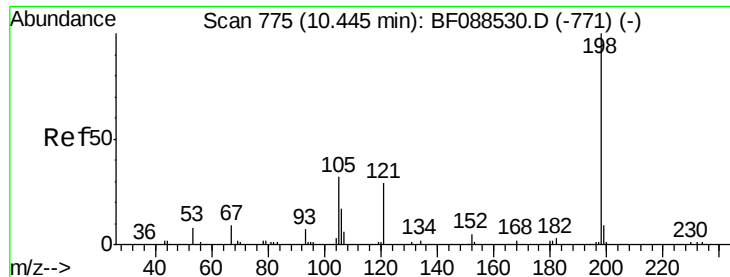


Abundance Ion 188.00 (187.70 to 188.70): E

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: 28.15 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

Tot Ion:198 Resp: 57310

Ion Ratio Lower Upper

198 100

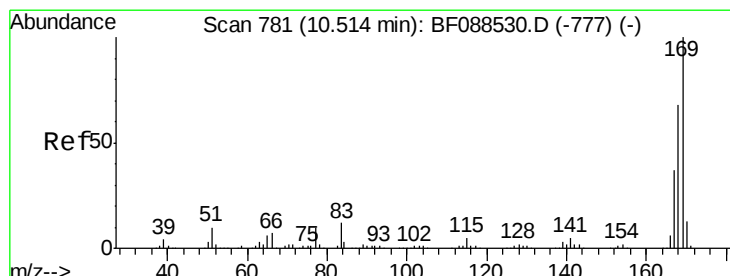
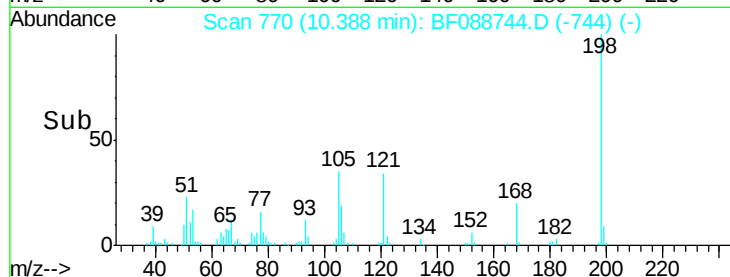
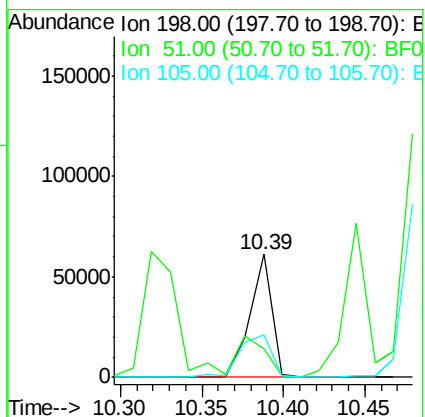
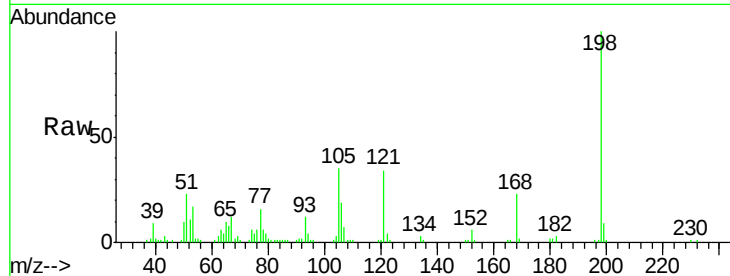
51 23.3 39.6 79.6#

105 34.9 36.6 76.6#

Manual Integrations

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#65

n-Nitrosodiphenylamine

Concen: 37.90 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

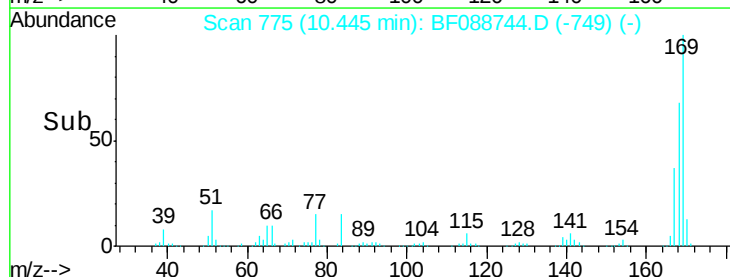
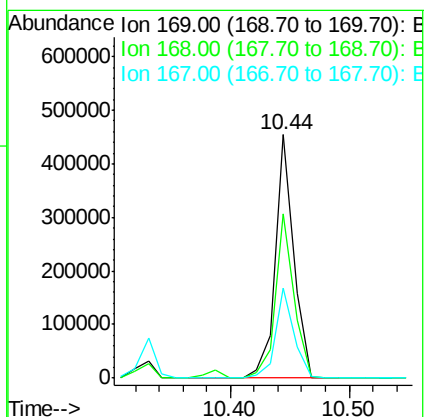
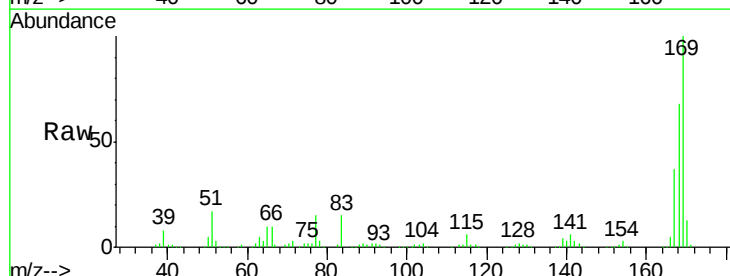
Tgt Ion:169 Resp: 488097

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

167 36.8 29.4 44.0





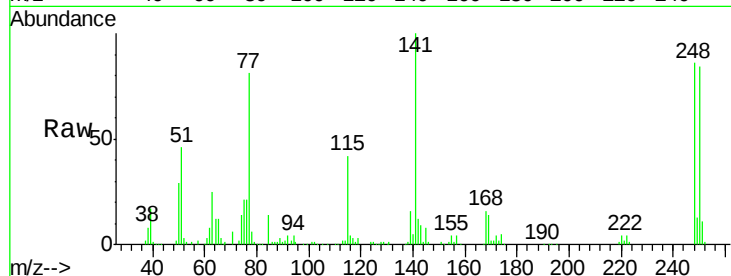
#66
4-Bromophenyl-phenylether
Concen: 40.05 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

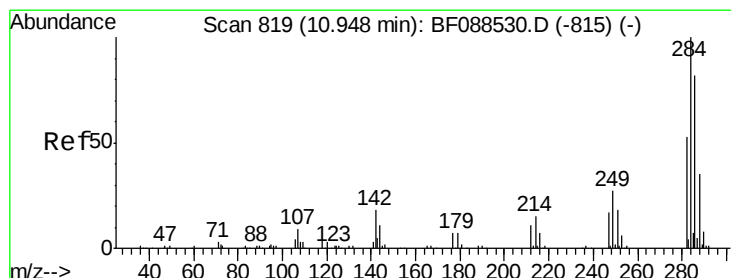
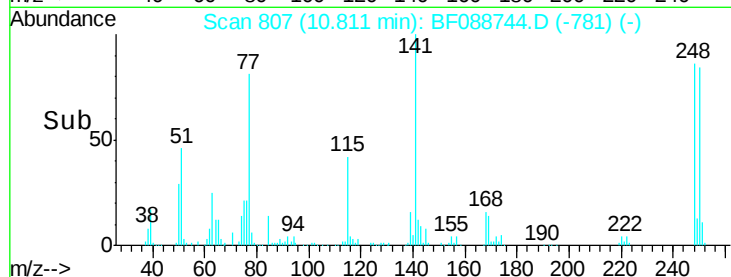
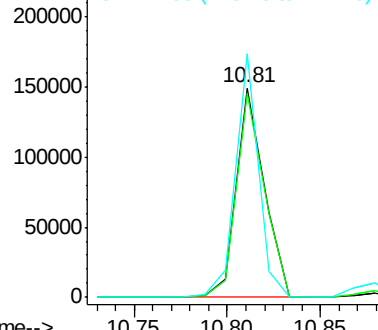
Tot Ion:248 Resp: 153590
Ion Ratio Lower Upper
248 100
250 97.3 77.1 115.7
141 116.2 50.6 76.0#

Manual Integrations

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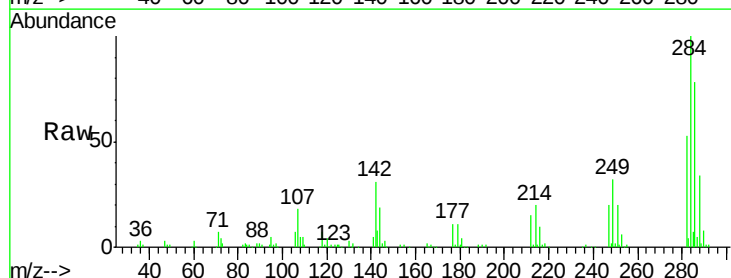


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

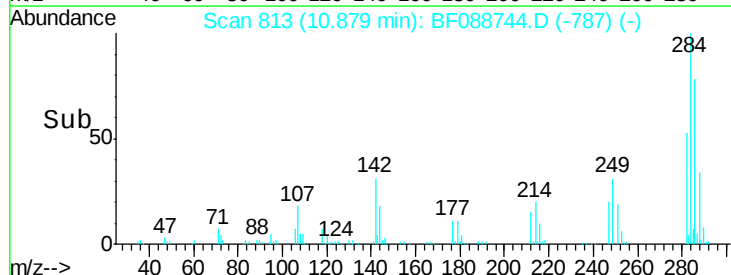
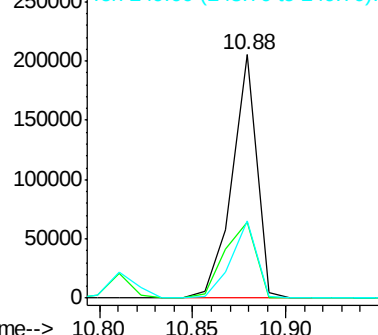


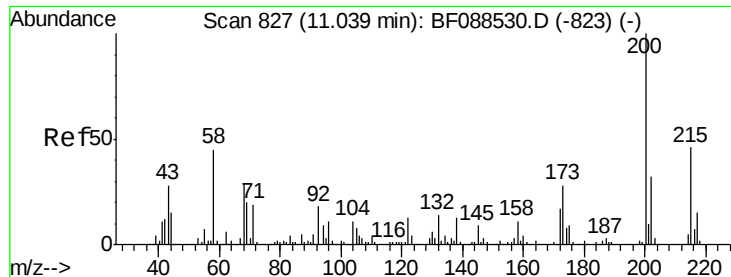
#67
Hexachlorobenzene
Concen: 44.20 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion:284 Resp: 187651
Ion Ratio Lower Upper
284 100
142 31.4 35.8 53.8#
249 31.6 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





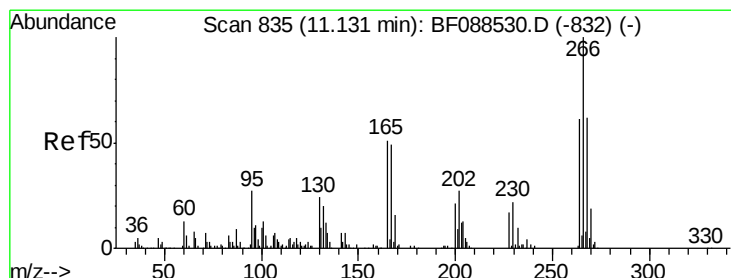
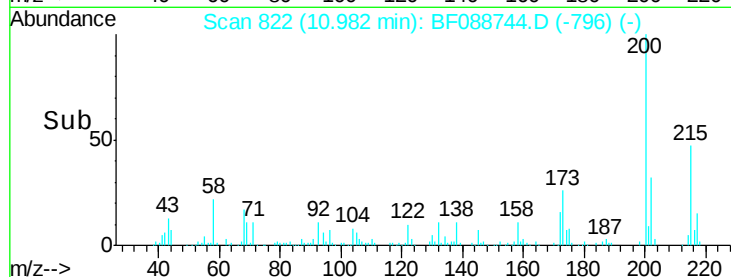
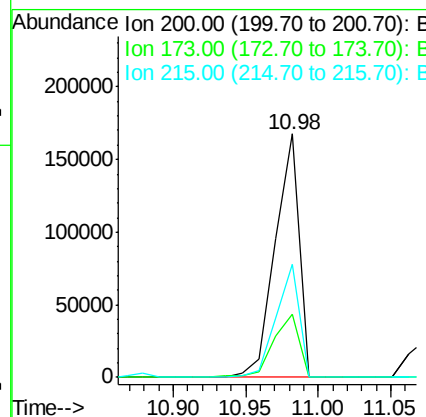
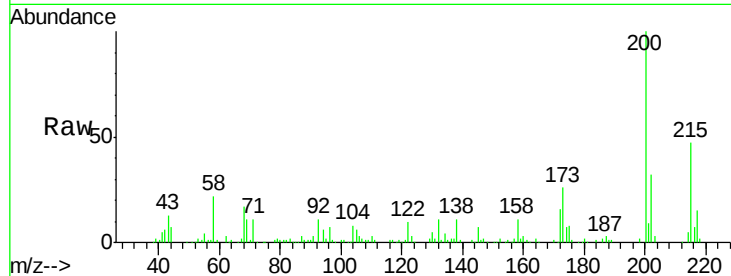
#68
Atrazine
Concen: 47.63 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	4.0	44.0
215	46.6	29.3	69.3

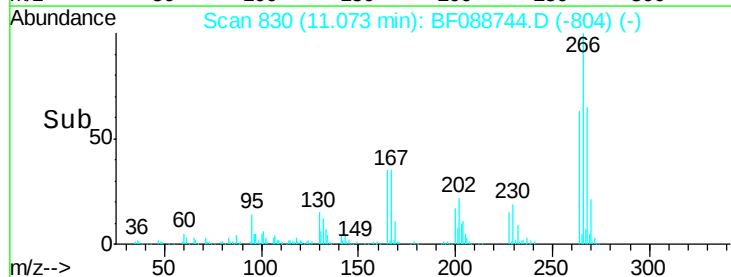
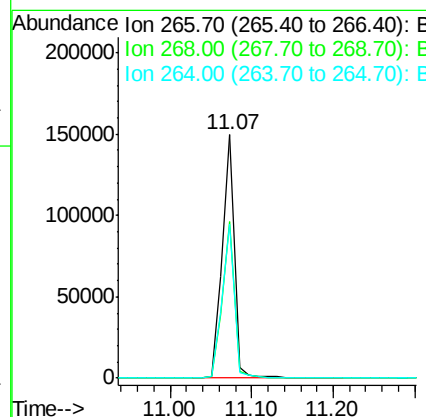
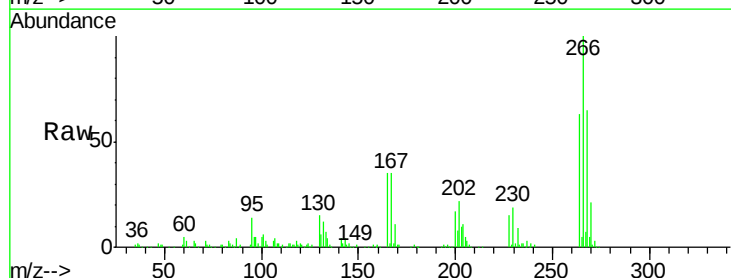
Manual Integrations

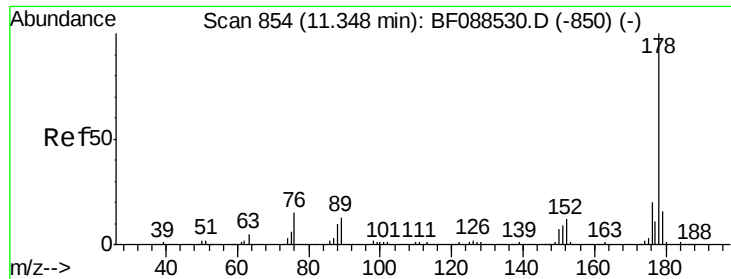
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#69
Pentachlorophenol
Concen: 61.94 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.8	79.2
264	63.4	49.6	74.4





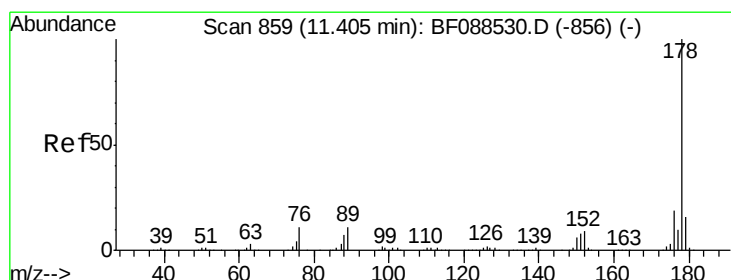
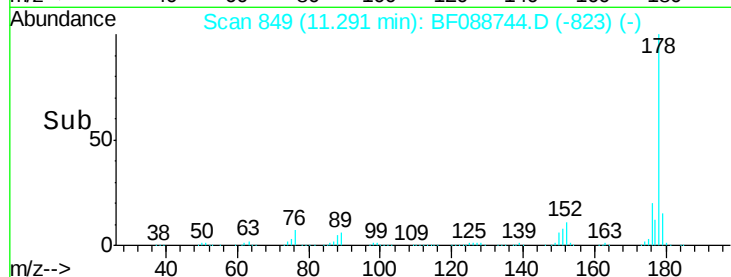
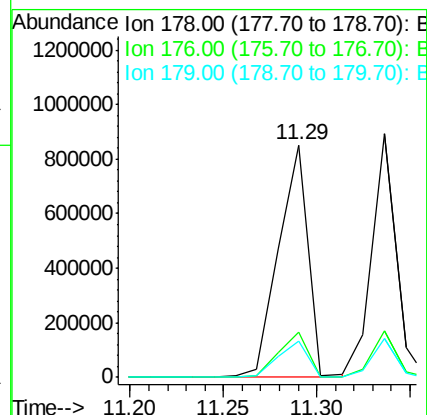
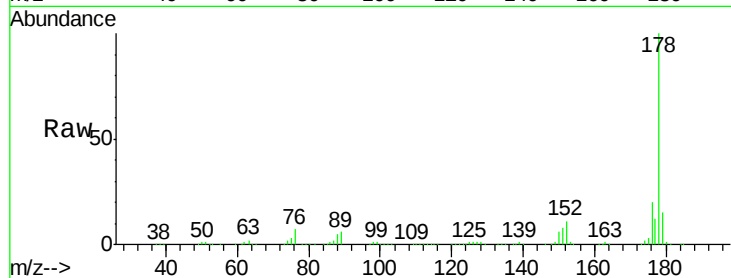
#70
Phenanthrene
Concen: 45.39 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion:178 Resp: 944307
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.4 13.0 19.4

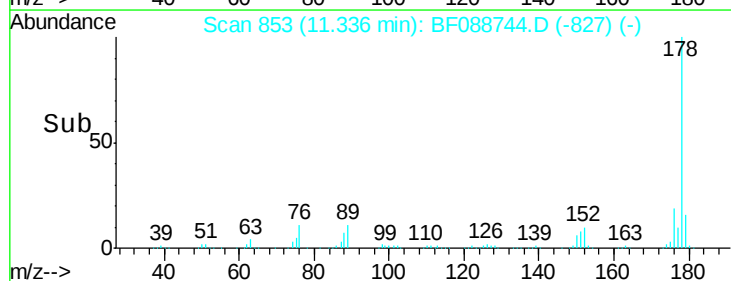
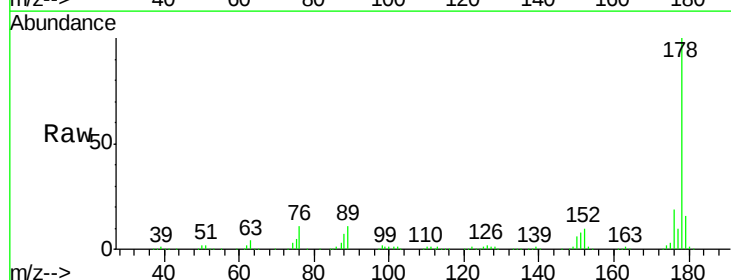
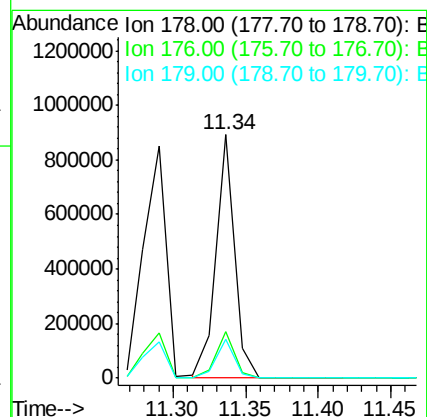
Manual Integrations

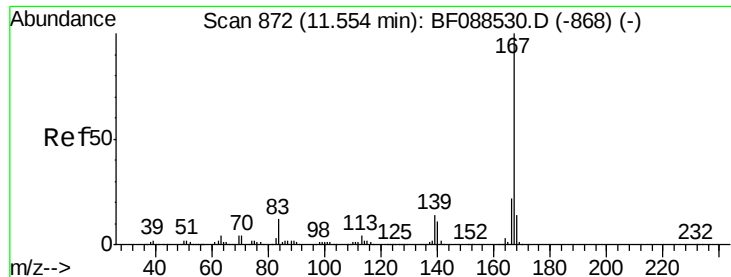
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#71
Anthracene
Concen: 38.58 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion:178 Resp: 798145
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.9 12.8 19.2





#72

Carbazole

Concen: 45.36 ng

RT: 11.50 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

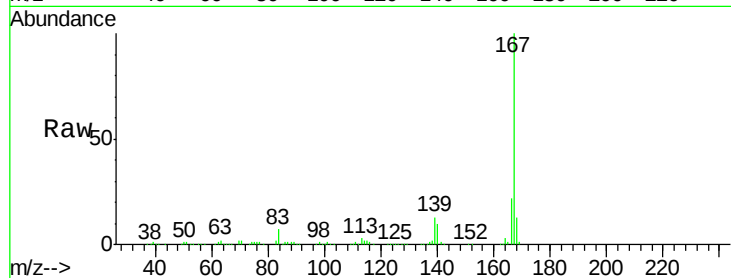
ClientSampleId :

PB91776BS

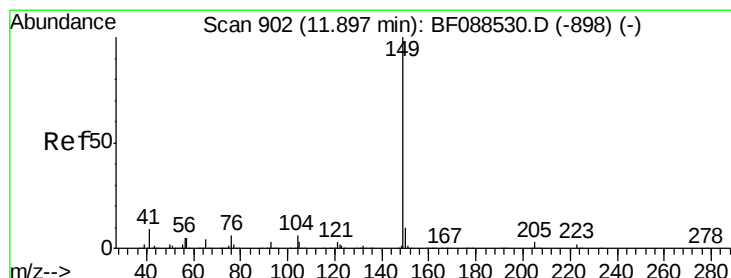
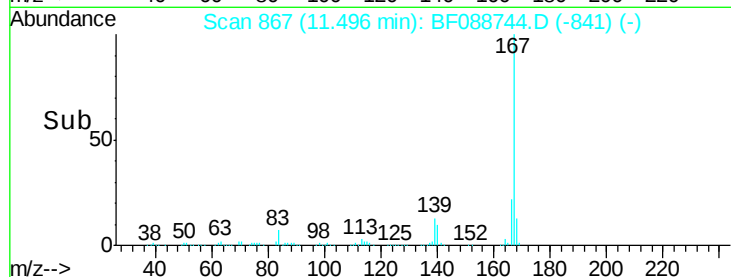
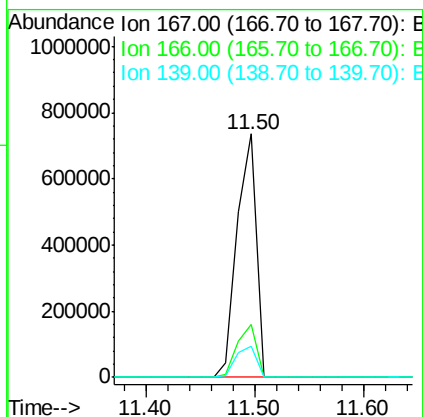
Manual Integrations

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Tot Ion:	167	Resp:	883145
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.8	26.6
139	12.9	11.2	16.8



#73

Di-n-butylphthalate

Concen: 42.14 ng

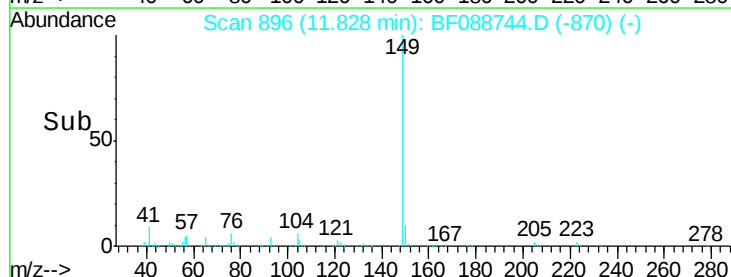
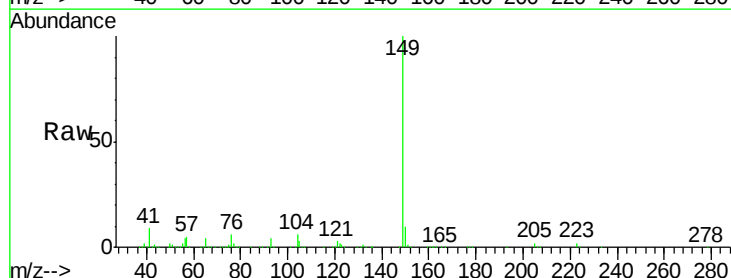
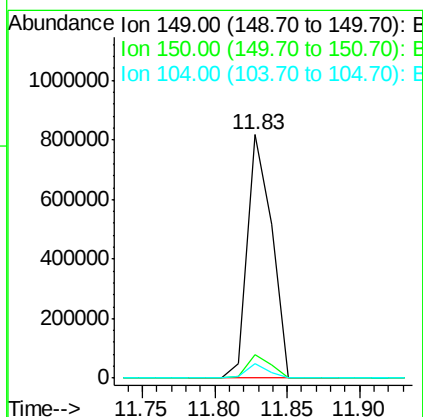
RT: 11.83 min Scan# 896

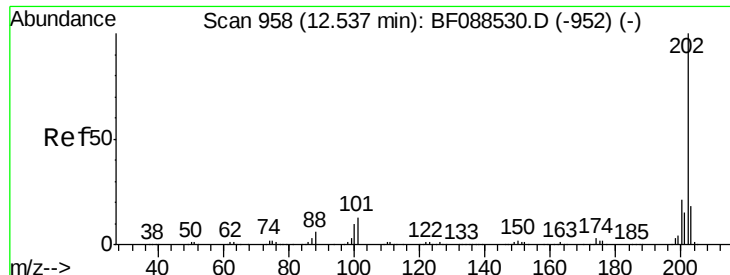
Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Tgt Ion:	149	Resp:	954381
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	6.1	4.0	6.0#





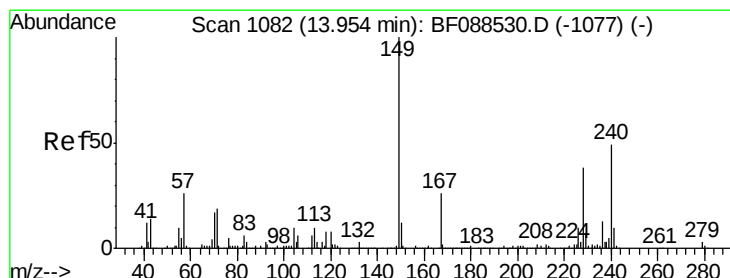
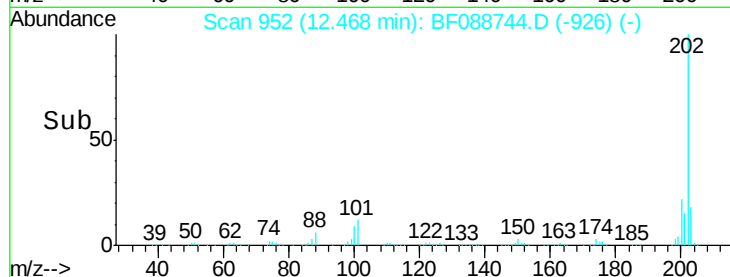
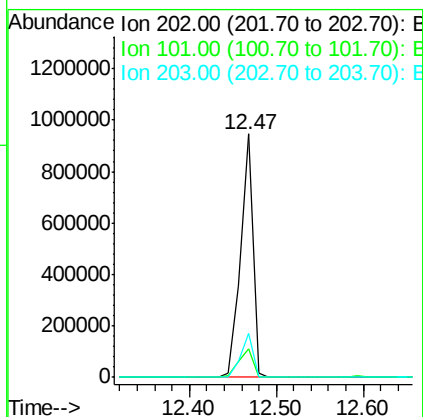
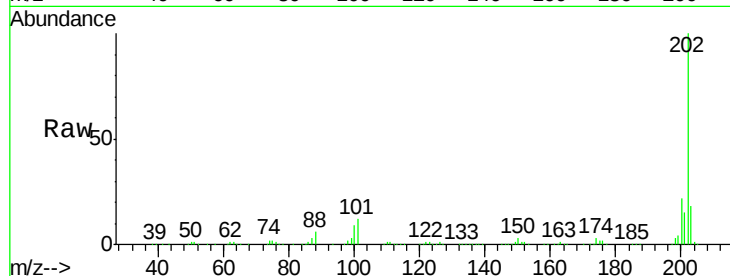
#74
Fluoranthene
 Concen: 43.53 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	0.0	33.1
203	17.8	0.0	38.1

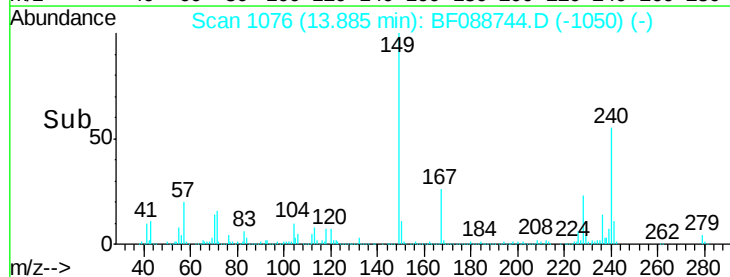
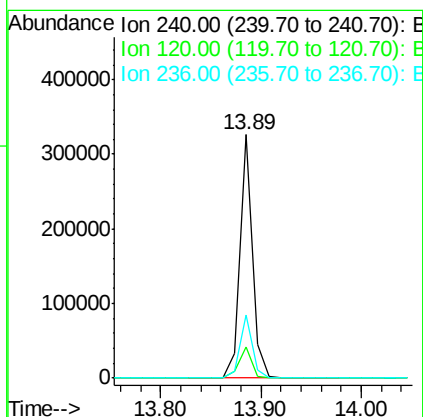
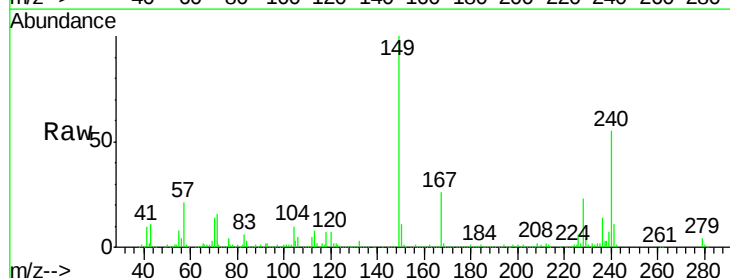
Manual Integrations

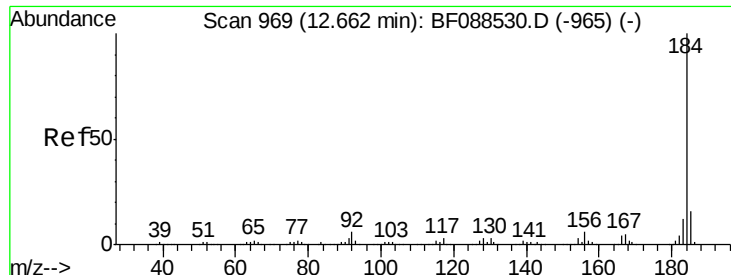
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.5	6.8	10.2#
236	26.1	20.2	30.2





#76

Benzidine

Concen: 41.25 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

Tot Ion:184 Resp: 586079

Ion Ratio Lower Upper

184 100

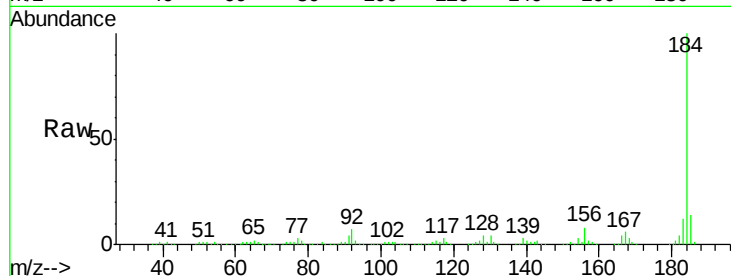
185 14.0 12.5 18.7

183 11.9 9.3 13.9

Manual Integrations

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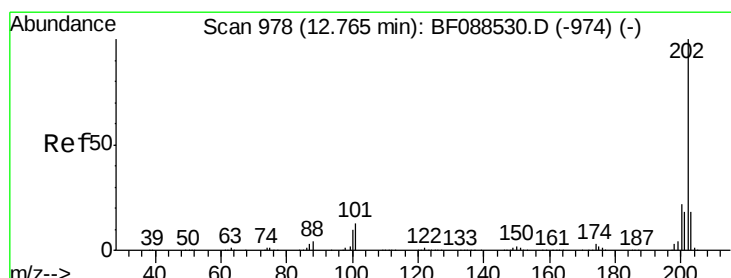
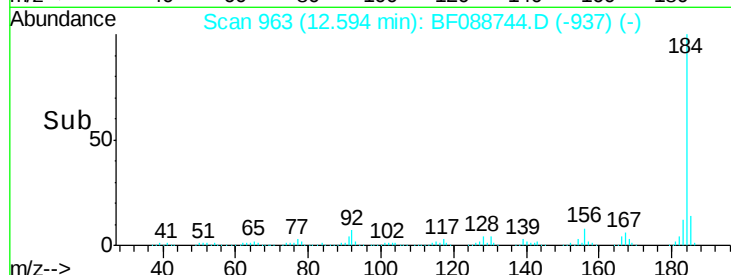
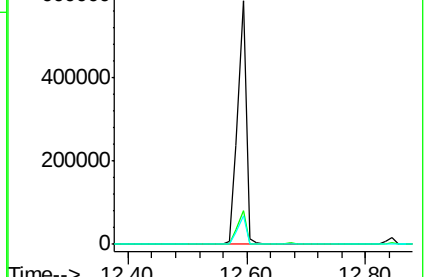
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 39.80 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

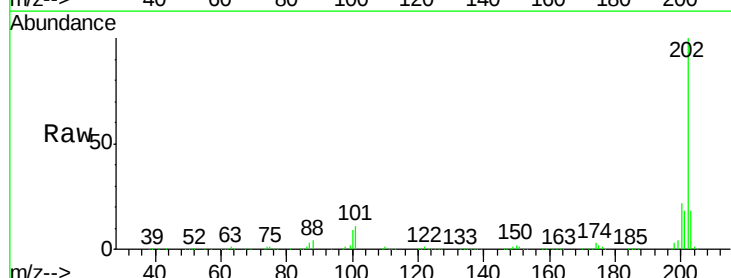
Tgt Ion:202 Resp: 948553

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

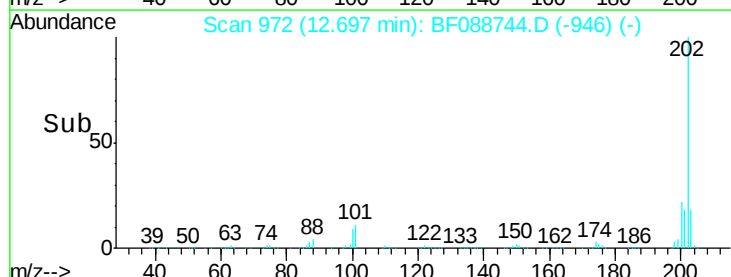
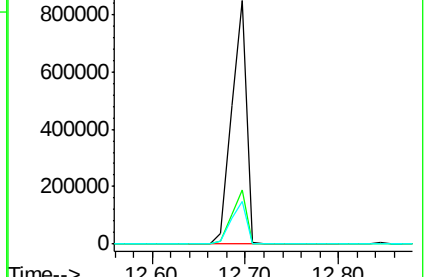
203 17.7 14.5 21.7

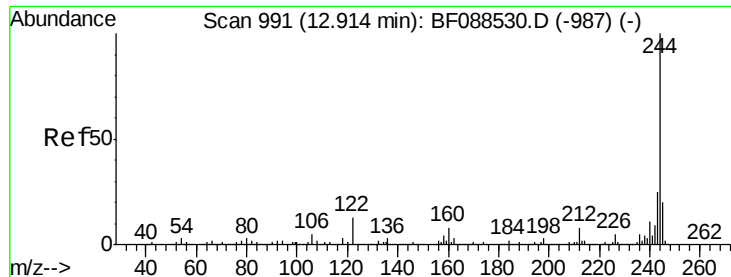


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.12 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampled :

PB91776BS

Tot Ion:244 Resp: 1011190

Ion Ratio Lower Upper

244 100

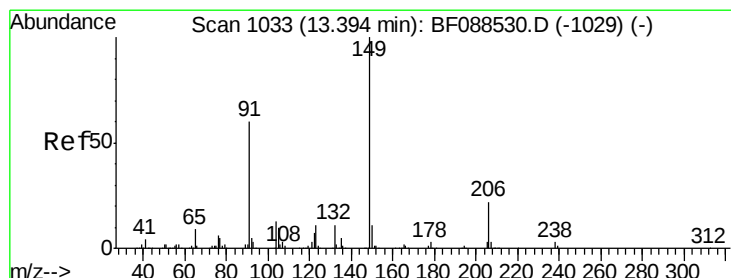
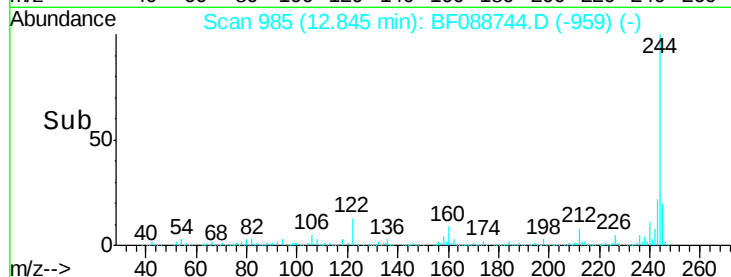
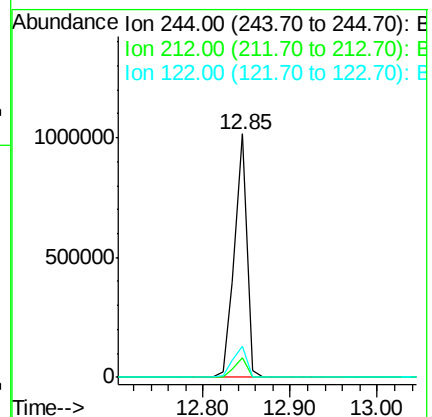
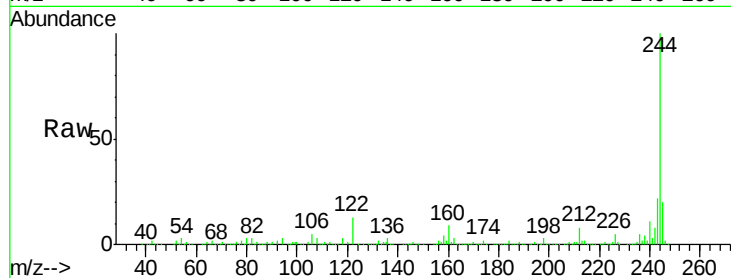
212 8.0 6.0 9.0

122 13.0 11.2 16.8

Manual Integrations

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#79

Butylbenzylphthalate

Concen: 42.08 ng

RT: 13.33 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

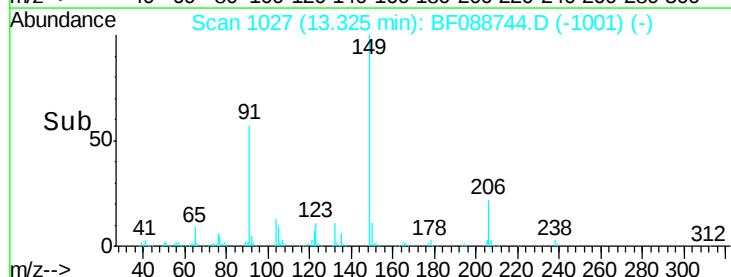
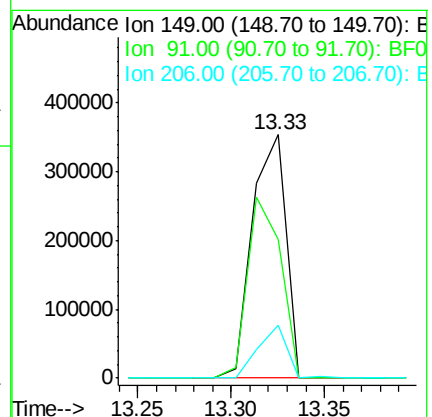
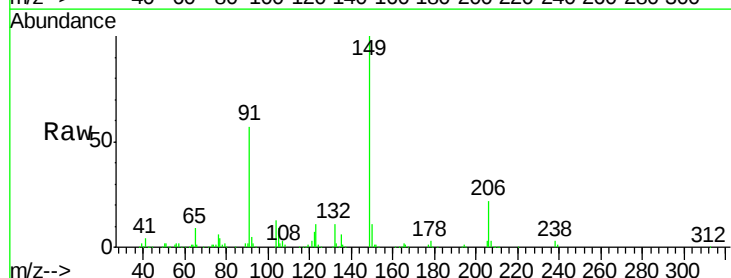
Tgt Ion:149 Resp: 447389

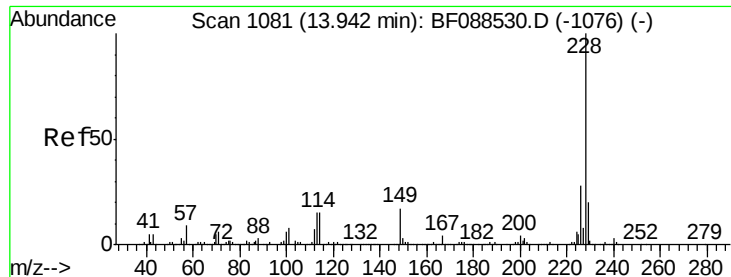
Ion Ratio Lower Upper

149 100

91 57.1 48.0 72.0

206 21.6 16.0 24.0





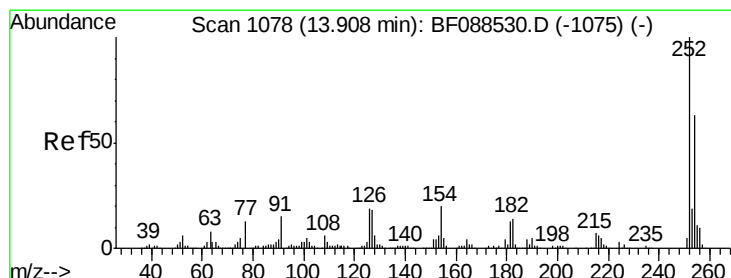
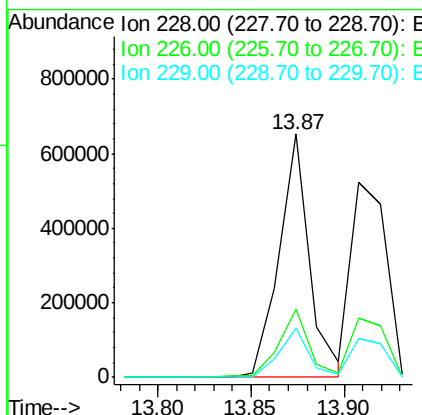
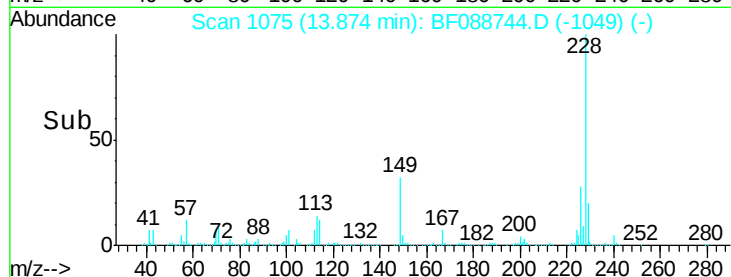
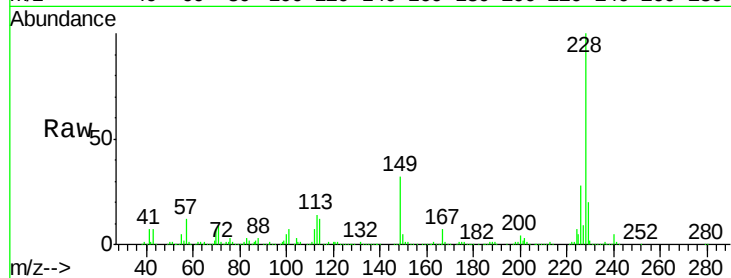
#80
Benzo(a)anthracene
Concen: 40.81 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	28.2	22.3	33.5	
229	20.2	16.0	24.0	

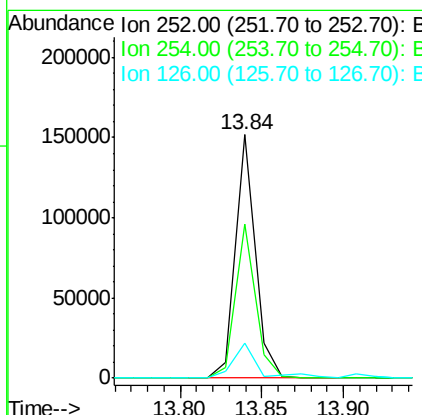
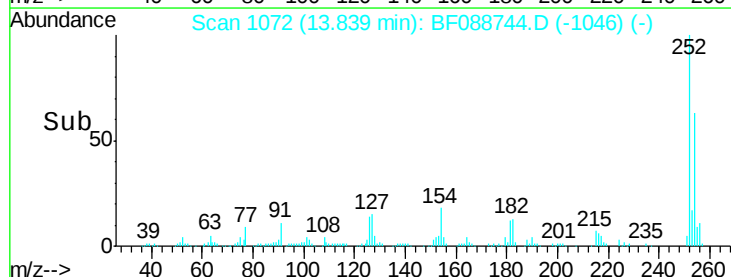
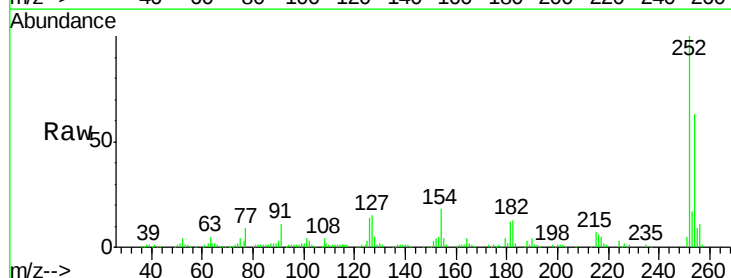
Manual Integrations

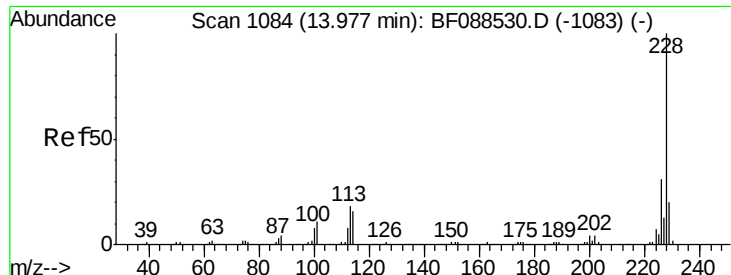
umangi
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#81
3,3'-Dichlorobenzidine
Concen: 18.67 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
254	63.4	52.6	78.8	
126	14.1	6.2	9.2	





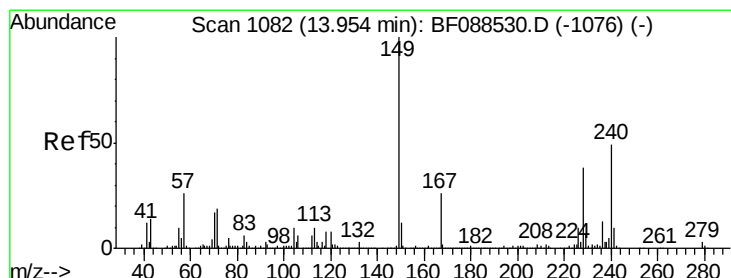
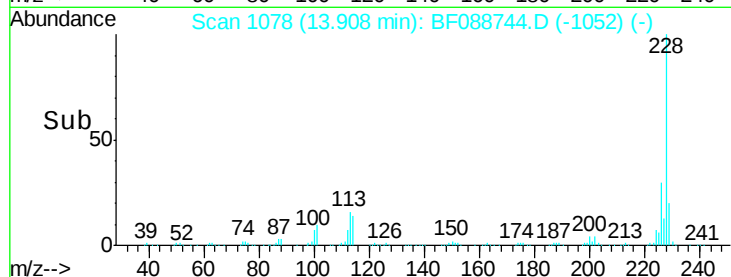
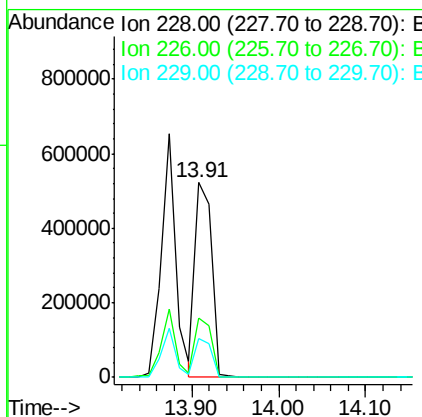
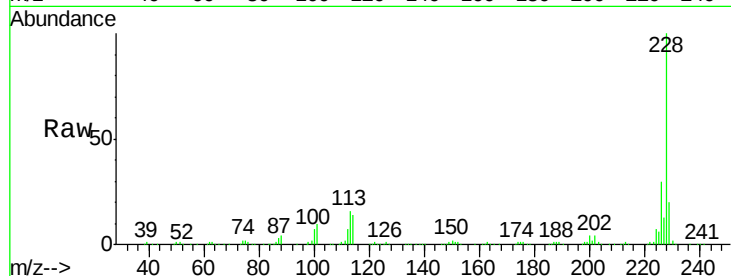
#82
Chrysene
Concen: 38.36 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.2
229	20.2	16.3	24.5

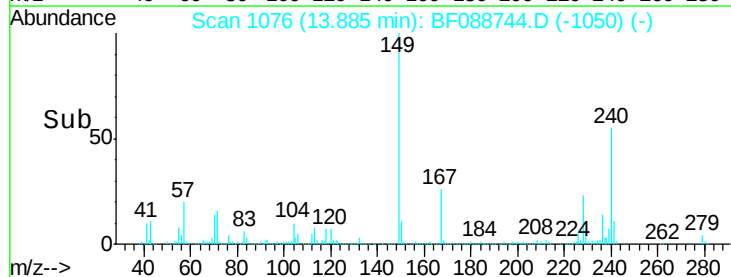
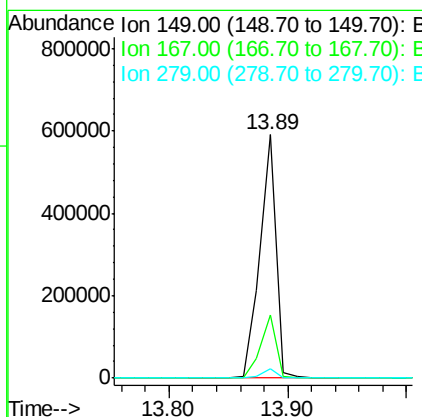
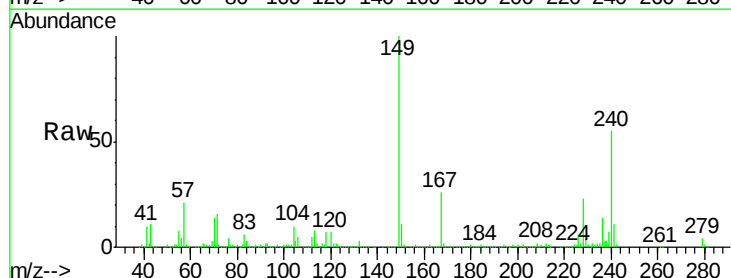
Manual Integrations

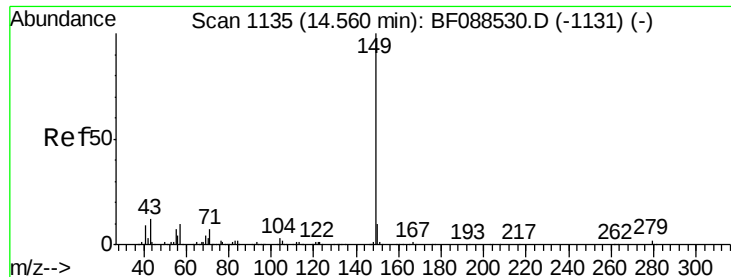
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#83
Bis(2-ethylhexyl)phthalate
Concen: 46.62 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.5	30.7
279	3.7	2.0	3.0#





#84

Di-n-octyl phthalate

Concen: 46.46 ng

RT: 14.49 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampled :

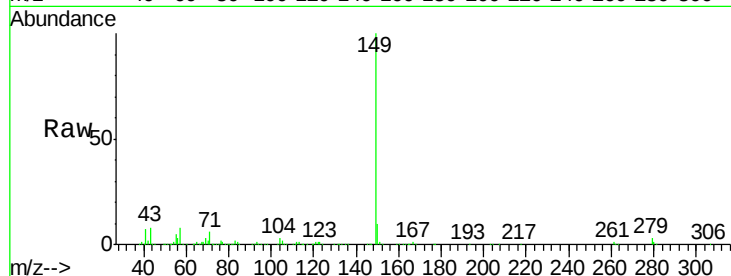
PB91776BS

Tot Ion:	149	Resp:	958004
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.5	0.0	0.0#

Manual Integrations

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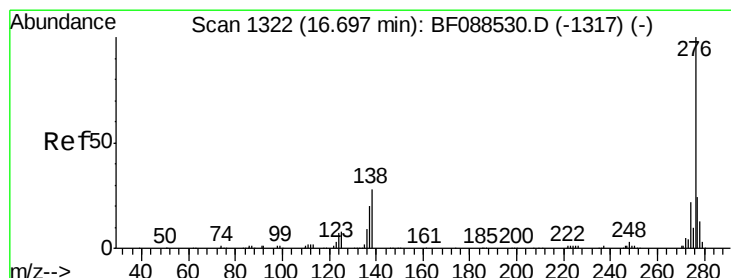
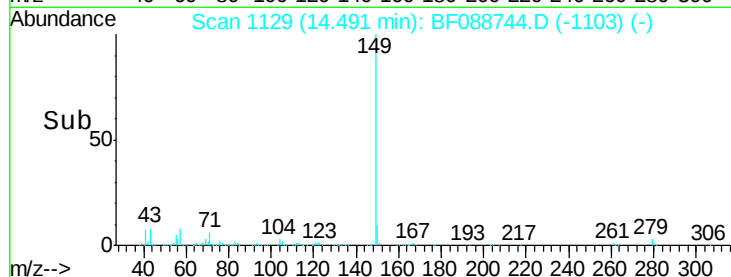
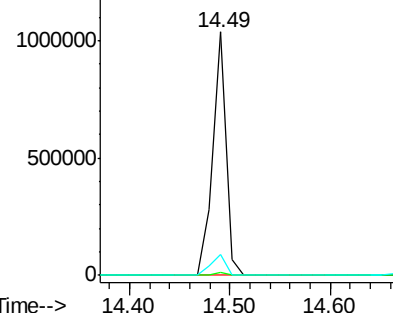
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 39.69 ng

RT: 16.58 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF088744.D

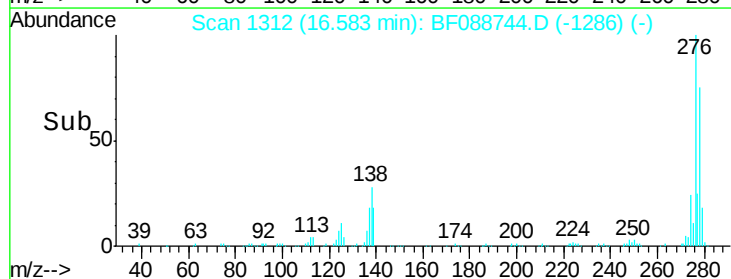
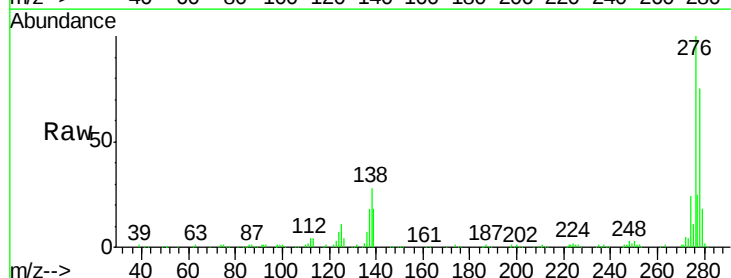
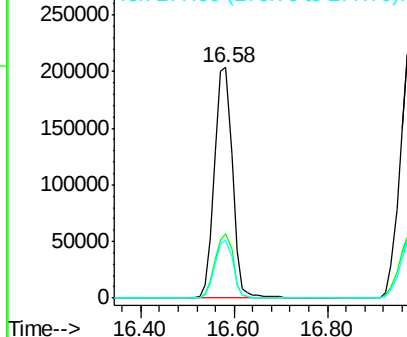
Acq: 6 Jul 2016 20:01

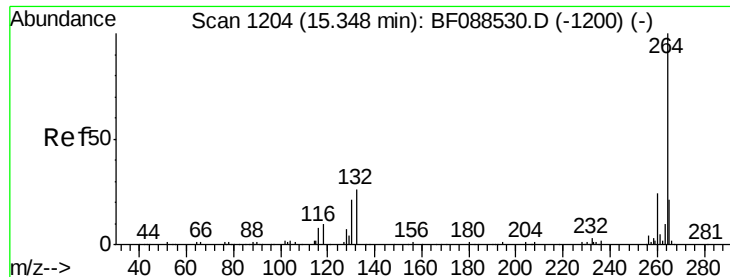
Tgt Ion:	276	Resp:	546776
Ion Ratio	Lower	Upper	
276	100		
138	28.2	0.0	0.0#
277	25.2	0.0	0.0#

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





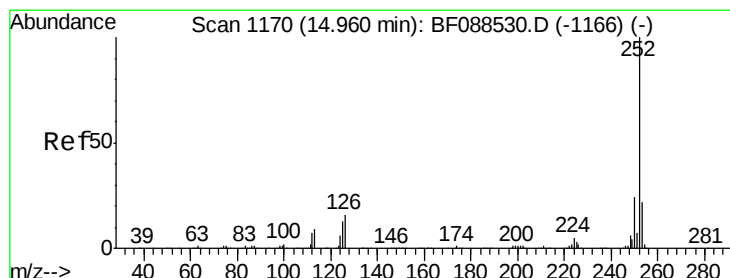
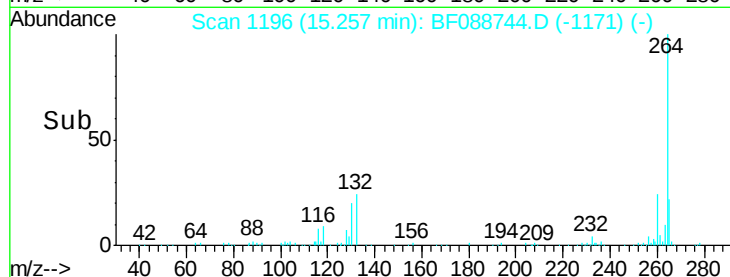
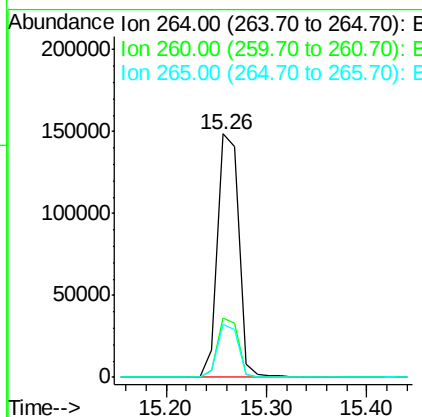
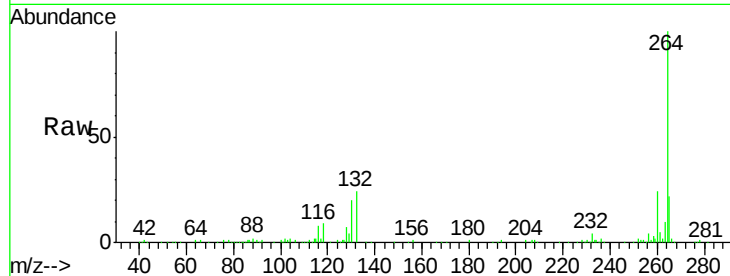
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.2	19.2	28.8		
265	21.9	16.9	25.3		

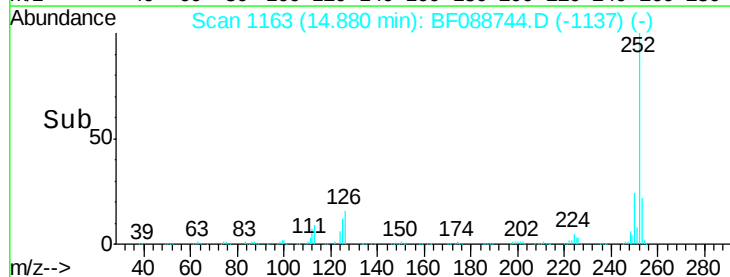
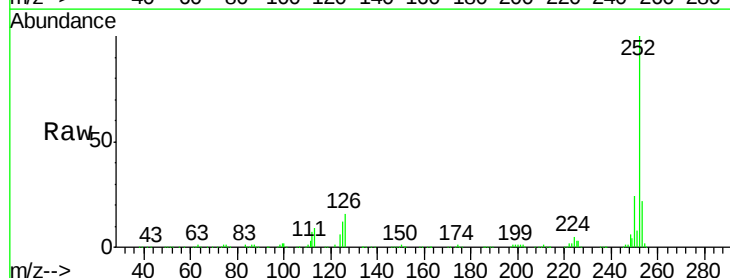
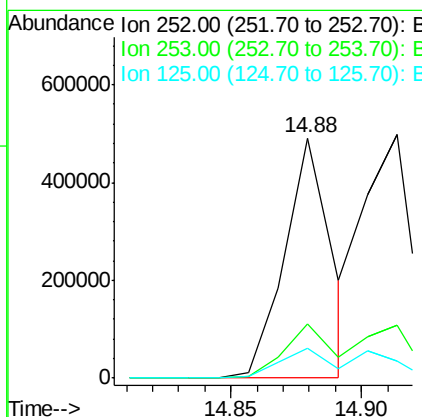
Manual Integrations

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#87
Benzo(b)fluoranthene
Concen: 44.37 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.5	17.4	26.2		
125	12.4	7.1	10.7#		





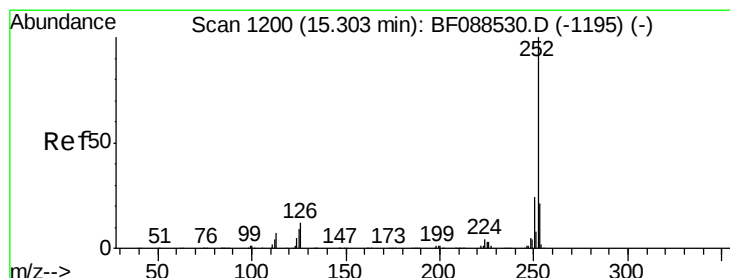
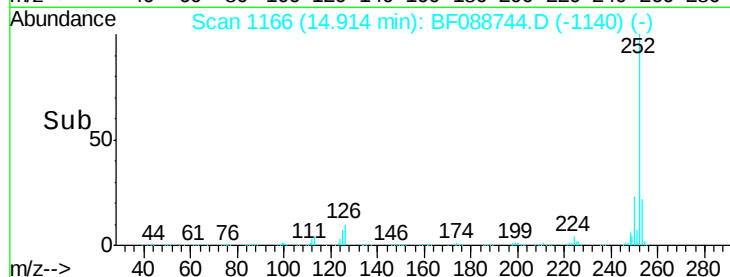
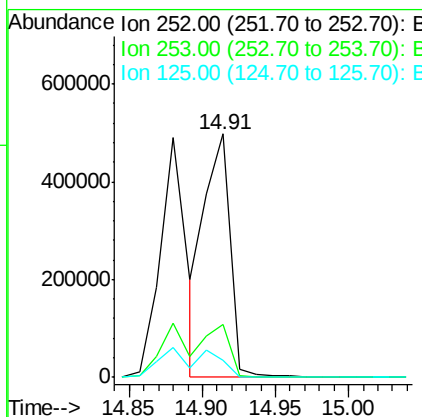
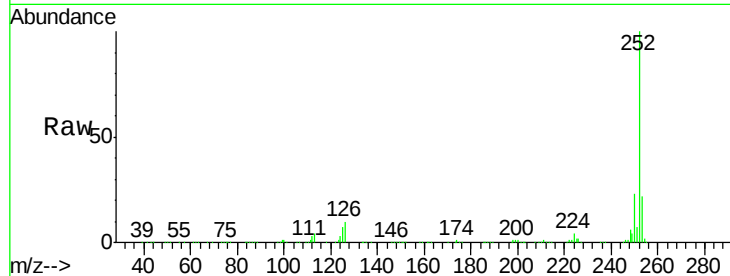
#88
Benzo(k)fluoranthene
Concen: 52.20 ng m
RT: 14.91 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	6.9	11.2	16.8

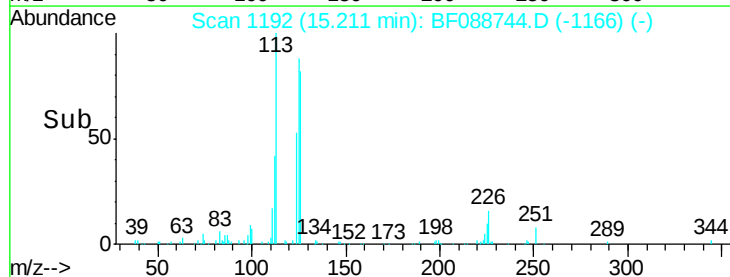
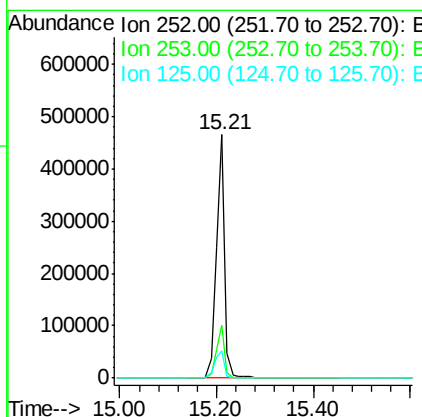
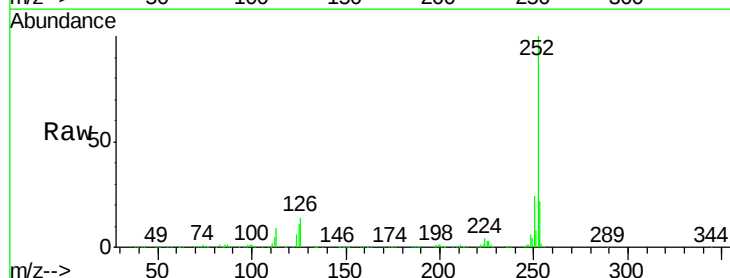
Manual Integrations

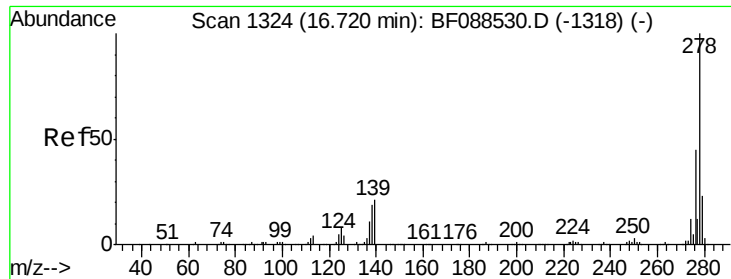
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#89
Benzo(a)pyrene
Concen: 48.89 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	11.4	12.5	18.7





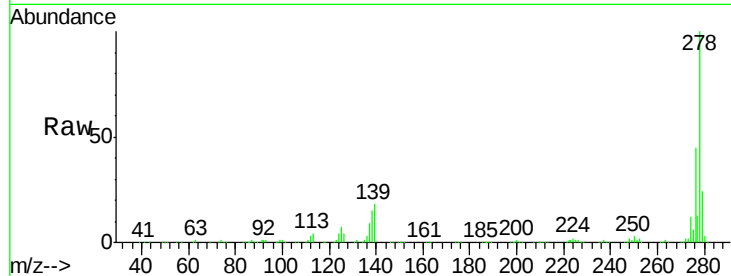
#90
Dibenzo(a,h)anthracene
Concen: 46.57 ng
RT: 16.59 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

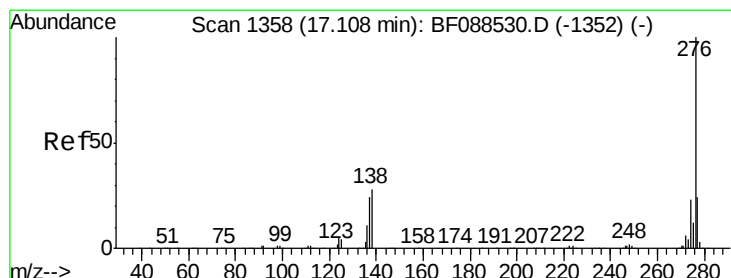
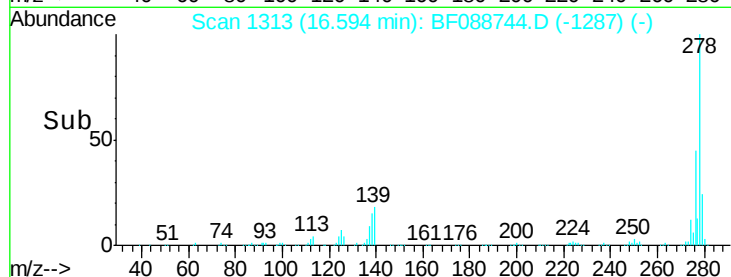
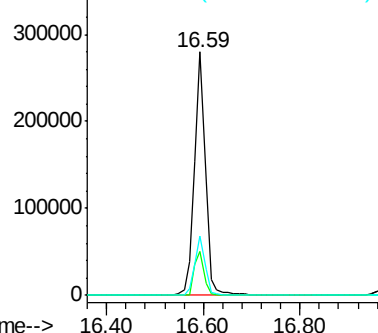
Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	18.0	15.7	23.5	
279	24.2	19.4	29.2	

Manual Integrations

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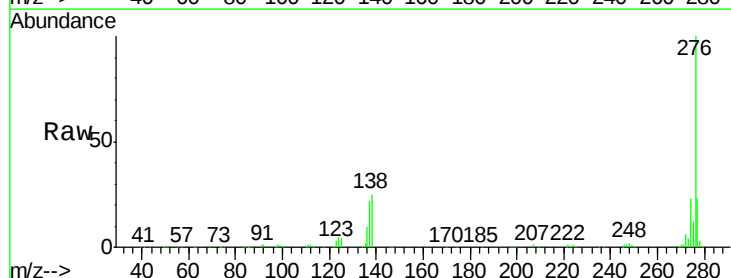


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 46.33 ng
RT: 16.97 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.4	18.9	28.3	
138	25.1	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

