

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
 Data File : BF088506.D
 Acq On : 29 Jun 2016 21:32
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Manual Integrations

sohil
 6/30/2016 7:46:33 PM

Quant Time: Jun 30 02:20:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 02:07:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	132818	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	517085	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	223065	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	376984	20.00	ng	0.00
75) Chrysene-d12	13.95	240	210944	20.00	ng	-0.01
86) Perylene-d12	15.36	264	258427	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	676126	78.83	ng	0.00
7) Phenol-d6	6.46	99	849429	77.45	ng	0.00
23) Nitrobenzene-d5	7.39	82	806382	81.91	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	128947	75.40	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1191505	85.85	ng	0.00
78) Terphenyl-d14	12.91	244	691704	63.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	163133	37.24	ng	# 29
3) Pyridine	3.10	79	474087	37.18	ng	98
4) n-Nitrosodimethylamine	3.05	42	191602	38.19	ng	100
6) Aniline	6.48	93	603115	37.66	ng	100
8) 2-Chlorophenol	6.60	128	363514	38.62	ng	97
9) Benzaldehyde	6.36	77	171614	39.00	ng	100
10) Phenol	6.47	94	507670	41.41	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	362341	36.48	ng	98
12) 1,3-Dichlorobenzene	6.76	146	395225	39.83	ng	99
13) 1,4-Dichlorobenzene	6.84	146	400124	39.56	ng	98
14) 1,2-Dichlorobenzene	6.99	146	350905	41.61	ng	100
15) Benzyl Alcohol	6.96	79	342725	37.78	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.11	45	513982	35.61	ng	100
17) 2-Methylphenol	7.07	107	294146	36.72	ng	99
18) Hexachloroethane	7.34	117	144422	37.08	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	291471	39.05	ng	99
20) 3+4-Methylphenols	7.23	107	360092	40.70	ng	97
22) Acetophenone	7.23	105	445048	35.75	ng	98
24) Nitrobenzene	7.40	77	396135	37.51	ng	99
25) Isophorone	7.64	82	709493	35.67	ng	# 92
26) 2-Nitrophenol	7.72	139	164407	47.84	ng	95
27) 2,4-Dimethylphenol	7.76	122	311292	34.86	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	449247	36.64	ng	99
29) 2,4-Dichlorophenol	7.96	162	291433	40.50	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	294865	37.26	ng	99
31) Naphthalene	8.12	128	973405	37.11	ng	99
32) Benzoic acid	7.86	122	117104	31.32	ng	96
33) 4-Chloroaniline	8.18	127	429542	36.69	ng	98
34) Hexachlorobutadiene	8.25	225	148107	39.86	ng	97
35) Caprolactam	8.54	113	75196	34.19	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	275170	34.42	ng	# 82
37) 2-Methylnaphthalene	8.82	142	661761	41.02	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	231033	38.48	ng	# 100
40) Hexachlorocyclopentadiene	8.98	237	147057	41.18	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	182748	41.04	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	189106	42.51	nq	96
45) 1,1'-Biphenyl	9.28	154	681200	38.50	nq	99
46) 2-Chloronaphthalene	9.30	162	551789	39.39	nq	100
47) 2-Nitroaniline	9.39	65	161654	38.17	nq	99
48) Acenaphthylene	9.71	152	897168	38.10	nq	99
49) Dimethylphthalate	9.59	163	677721	44.80	nq	99
50) 2,6-Dinitrotoluene	9.64	165	146403	43.67	nq	# 77
51) Acenaphthene	9.90	154	535887	38.66	nq	97
52) 3-Nitroaniline	9.80	138	142714	37.42	nq	97
53) 2,4-Dinitrophenol	9.91	184	28170	52.74	nq	# 80
54) Dibenzofuran	10.06	168	768666	37.57	nq	# 89
55) 4-Nitrophenol	9.95	139	97316	37.26	nq	93
56) 2,4-Dinitrotoluene	10.03	165	162243	38.69	nq	# 52
57) Fluorene	10.40	166	502631	37.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	123138	36.80	nq	94
59) Diethylphthalate	10.28	149	628700	39.41	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	247941	40.29	nq	97
61) 4-Nitroaniline	10.41	138	119796	37.08	nq	82
62) Azobenzene	10.56	77	839694	40.46	nq	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	53112	46.27	nq	# 67
65) n-Nitrosodiphenylamine	10.51	169	499711	37.02	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	157940	38.73	nq	94
67) Hexachlorobenzene	10.95	284	162751	39.25	nq	# 91
68) Atrazine	11.04	200	133785	34.30	nq	99
69) Pentachlorophenol	11.14	266	76838	37.34	nq	98
70) Phenanthrene	11.36	178	820418	42.94	nq	99
71) Anthracene	11.40	178	770958	37.31	nq	99
72) Carbazole	11.56	167	717673	40.77	nq	98
73) Di-n-butylphthalate	11.91	149	901301	39.88	nq	99
74) Fluoranthene	12.54	202	659813	37.03	nq	98
76) Benzidine	12.66	184	235802	35.90	nq	100
77) Pyrene	12.77	202	695549	38.23	nq	99
79) Butylbenzylphthalate	13.39	149	294629	38.82	nq	95
80) Benzo(a)anthracene	13.94	228	552671	38.81	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	183912	39.04	nq	# 98
82) Chrysene	13.99	228	556963	42.14	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	396801	37.58	nq	# 95
84) Di-n-octyl phthalate	14.57	149	727684	40.30	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.72	276	707229	41.04	nq	# 100
87) Benzo(b)fluoranthene	14.96	252	662358m	44.27	nq	
88) Benzo(k)fluoranthene	14.99	252	424918m	31.71	nq	
89) Benzo(a)pyrene	15.30	252	540318	37.69	nq	99
90) Dibenzo(a,h)anthracene	16.74	278	582521	40.09	nq	99
91) Benzo(g,h,i)perylene	17.13	276	612376	40.22	nq	100

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

```

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Sample    : SSTDICV040
Misc      :
ALS Vial  : 9      Sample Multiplier: 1

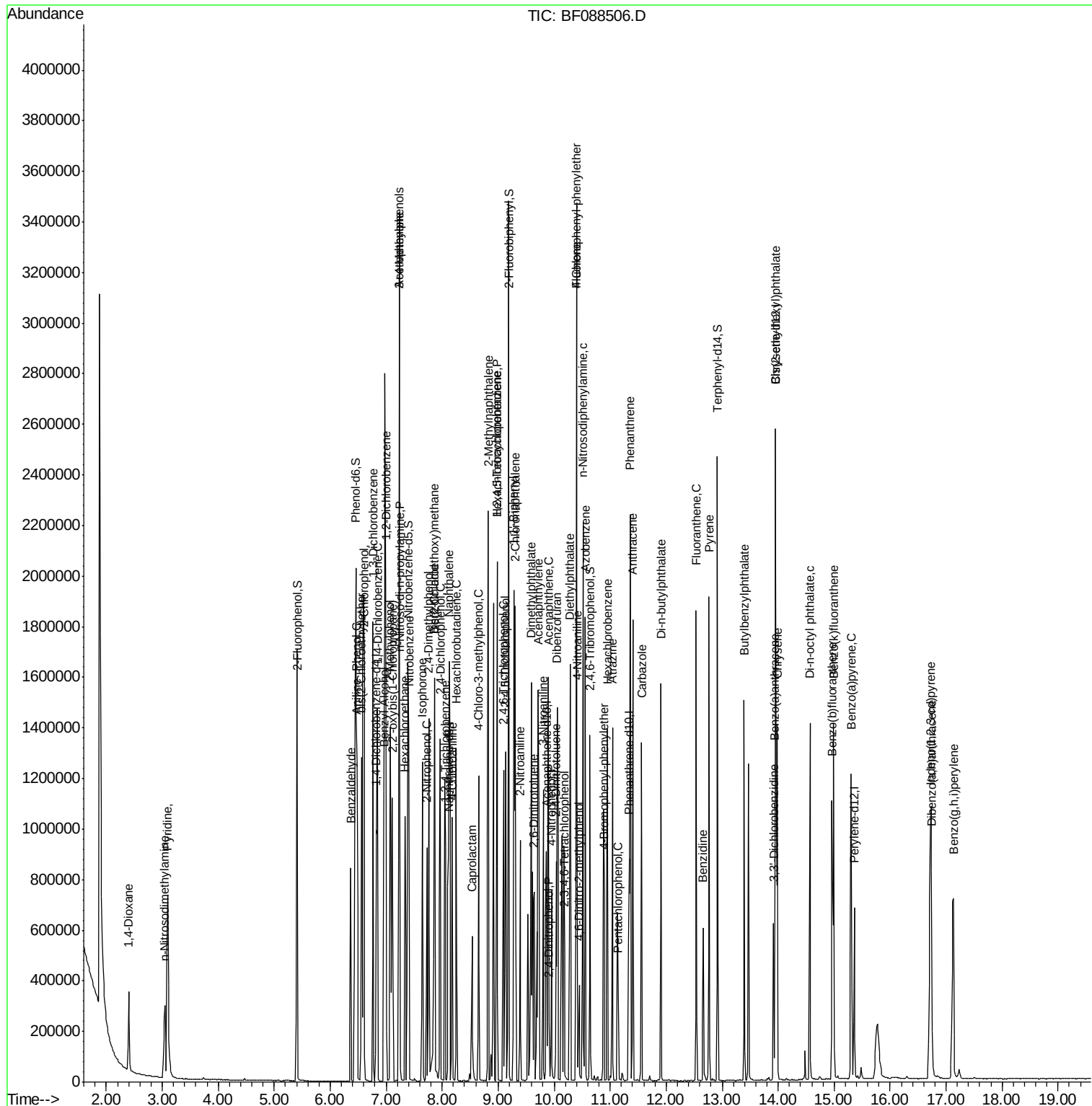
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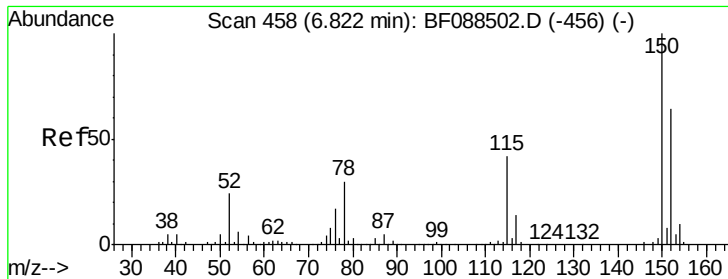
Instrument :
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#1

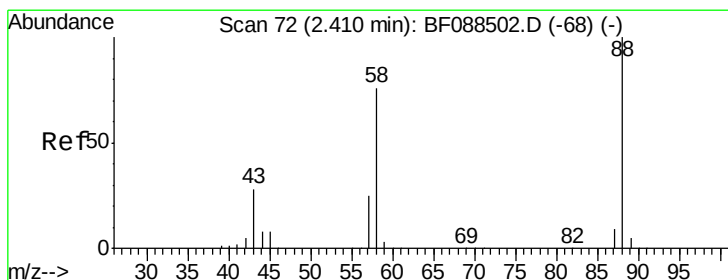
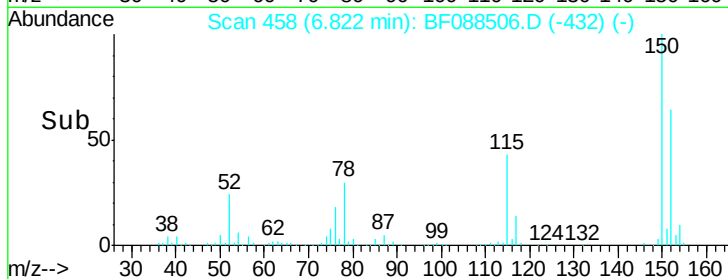
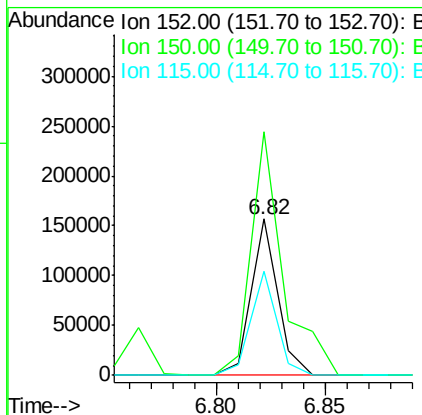
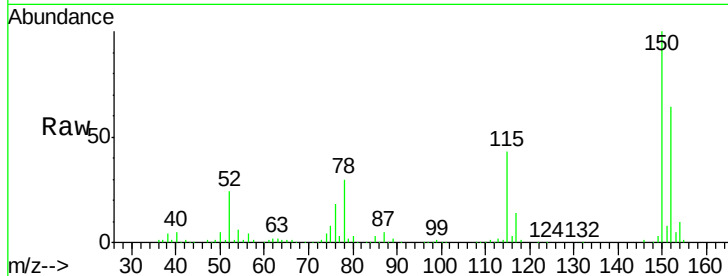
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.5	186.7
115	66.6	52.3	78.5

Manual Integrations

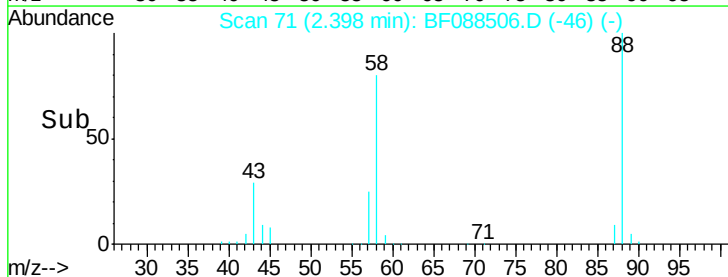
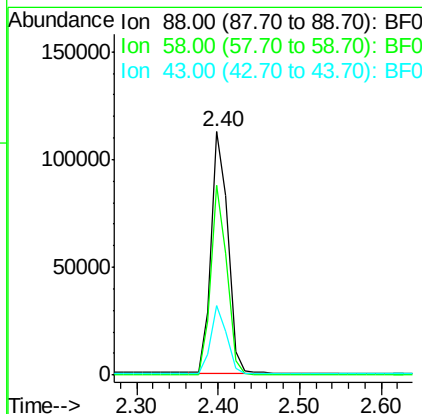
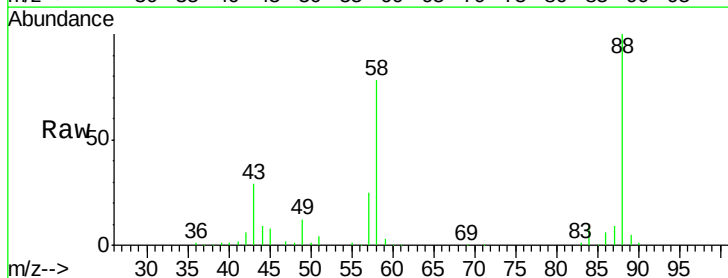
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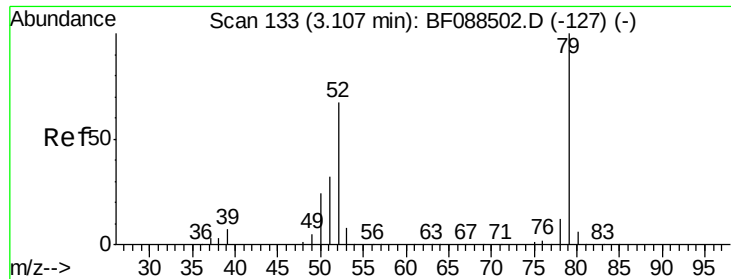


#2

1,4-Dioxane
Concen: 37.24 ng
RT: 2.40 min Scan# 71
Delta R.T. -0.01 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.9	0.0	0.0#
43	27.2	3.2	4.8#





#3

Pvridine

Concen: 37.18 ng

RT: 3.10 min Scan# 132

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

Tot Ion: 79 Resp: 474087

Ion Ratio Lower Upper

79 100

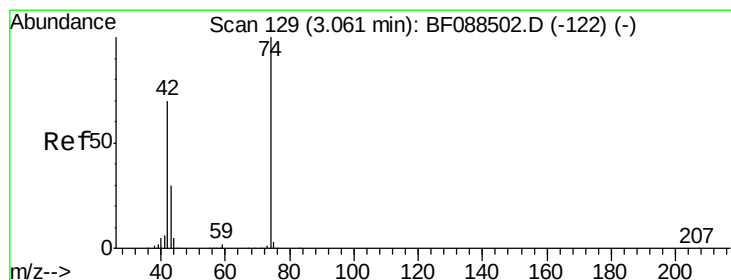
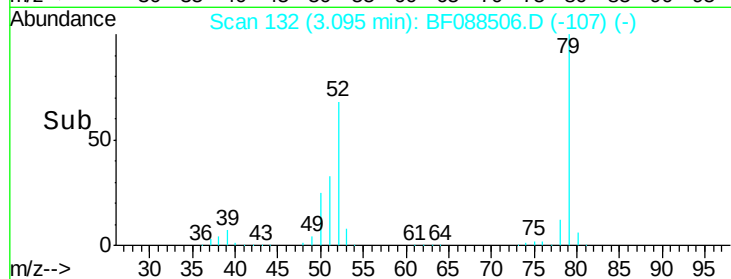
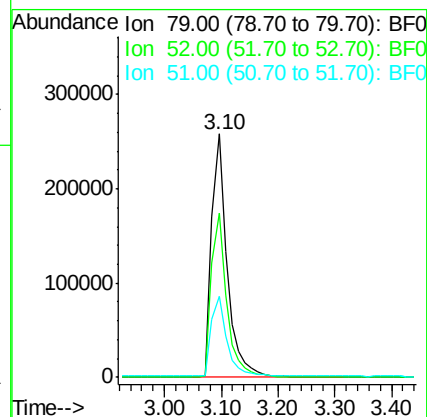
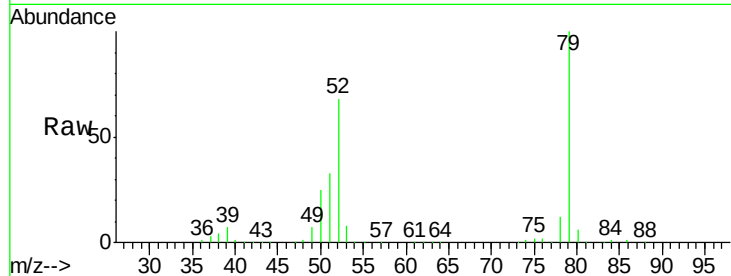
52 67.7 53.4 80.0

51 33.5 25.8 38.6

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 38.19 ng

RT: 3.05 min Scan# 128

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

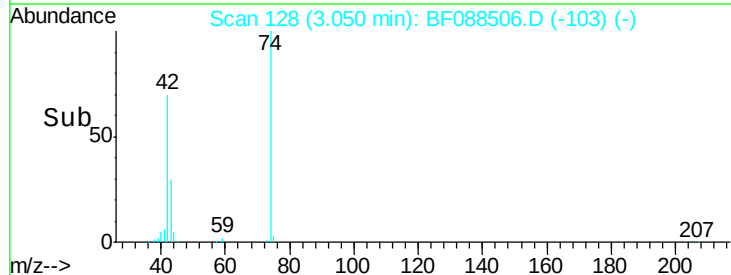
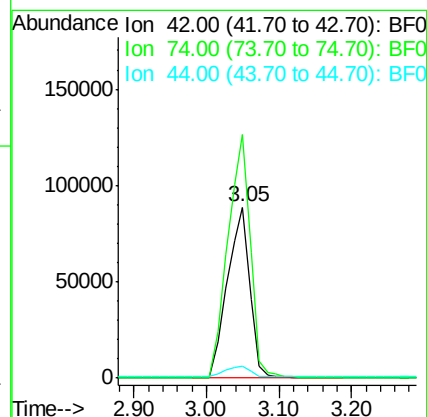
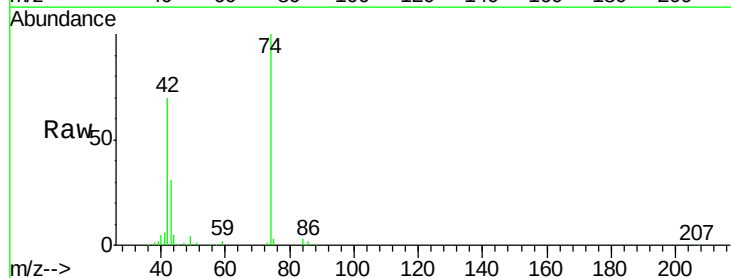
Tgt Ion: 42 Resp: 191602

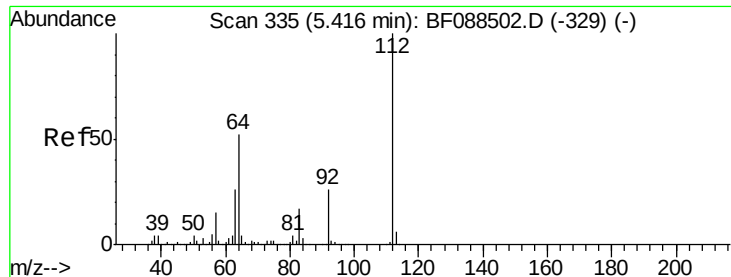
Ion Ratio Lower Upper

42 100

74 142.2 113.7 170.5

44 7.3 6.4 9.6





#5

2-Fluorophenol

Concen: 78.83 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

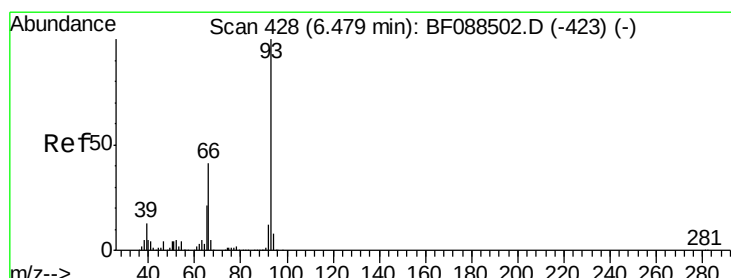
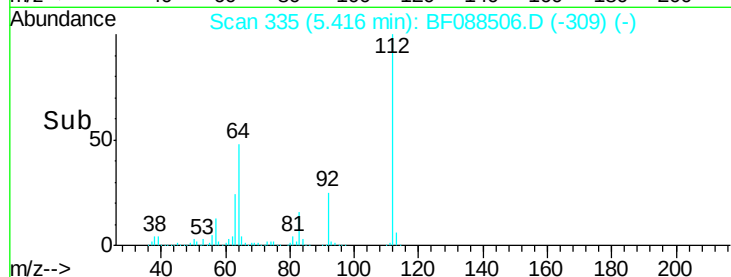
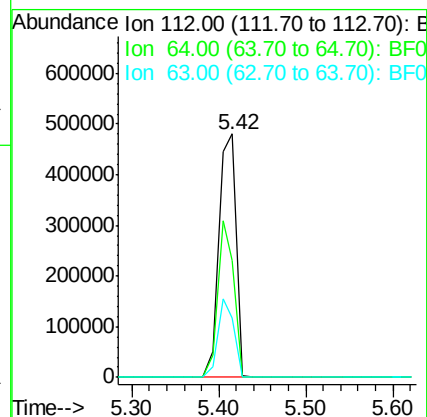
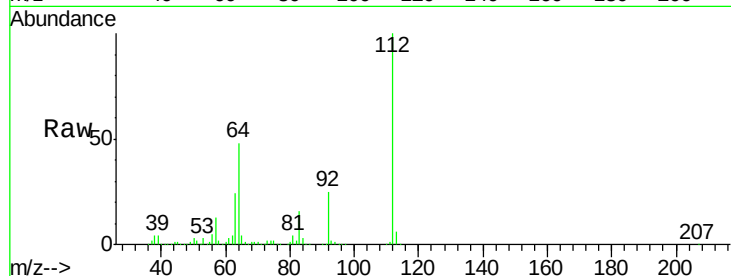
ICVBF062916

Tot Ion:	112	Resp:	676126
Ion Ratio	Lower	Upper	
112	100		
64	47.9	41.5	62.3
63	24.1	20.6	31.0

Manual Integrations

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#6

Aniline

Concen: 37.66 ng

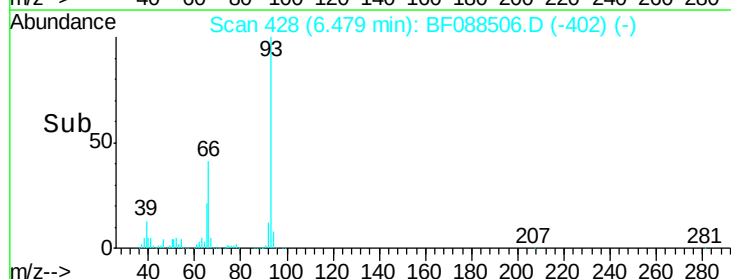
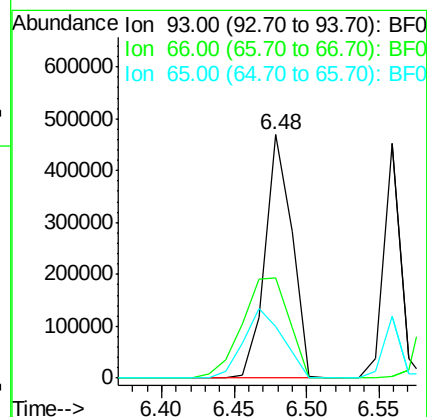
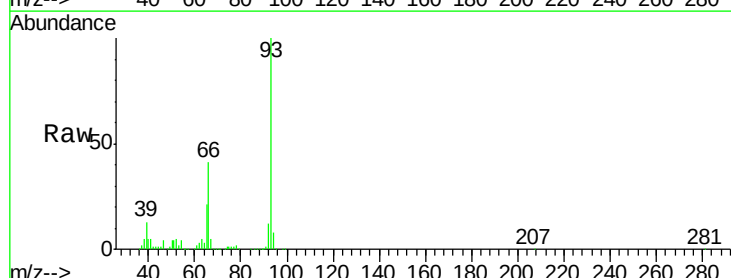
RT: 6.48 min Scan# 428

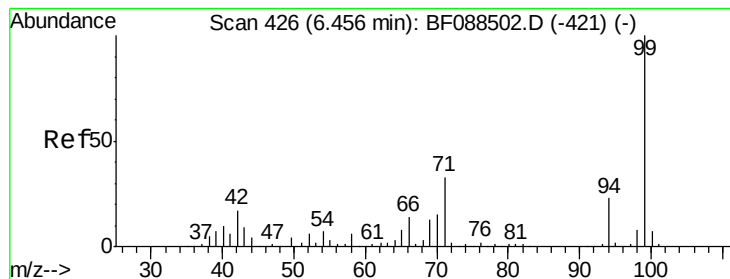
Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Tgt Ion:	93	Resp:	603115
Ion Ratio	Lower	Upper	
93	100		
66	41.3	33.0	49.6
65	20.9	16.5	24.7





#7

Phenol-d6

Concen: 77.45 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

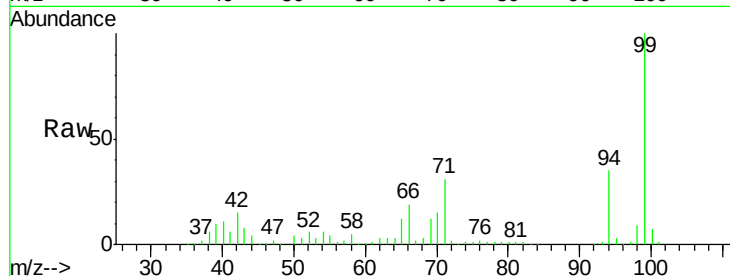
ICVBF062916

Tot Ion:	99	Resp:	849429
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.4	20.0
71	30.8	26.1	39.1

Manual Integrations

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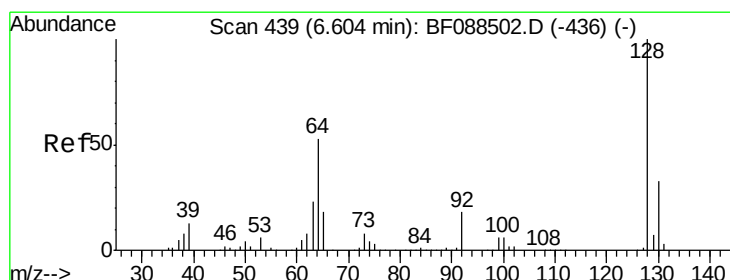
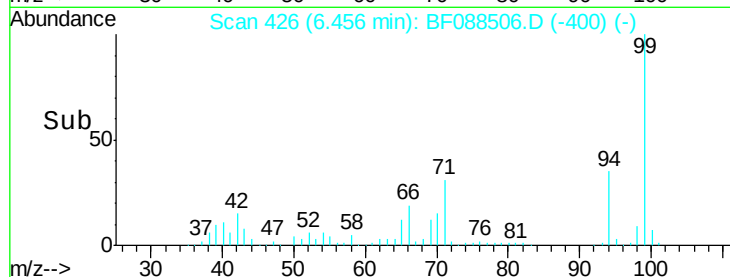
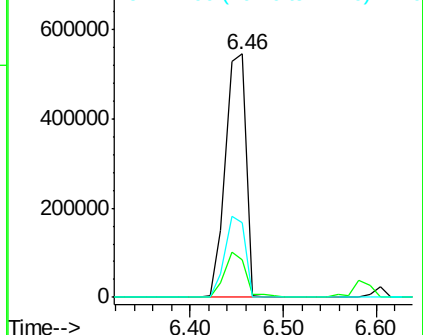
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.62 ng

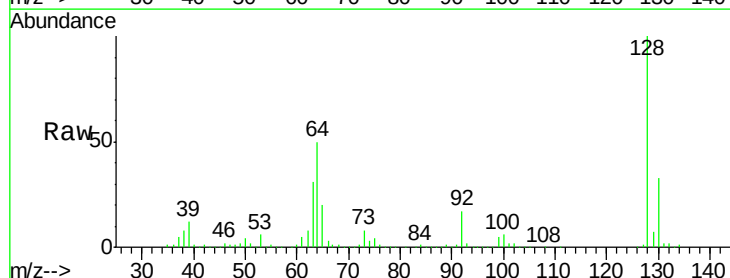
RT: 6.60 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

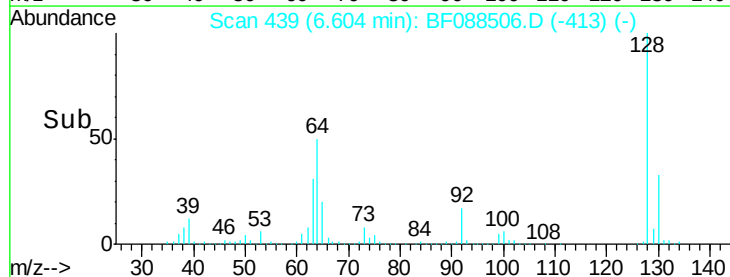
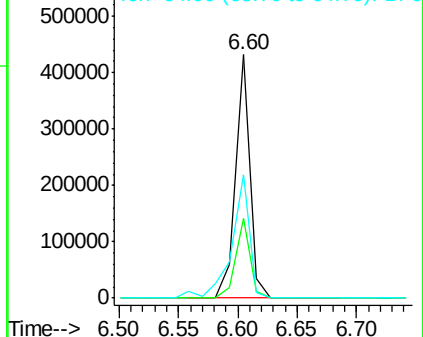
Tgt Ion:	128	Resp:	363514
Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.2	53.2
64	50.5	34.3	74.3

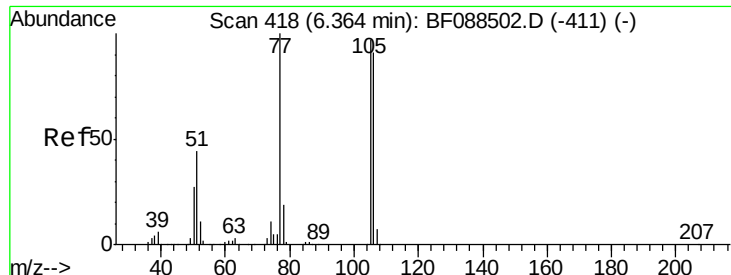


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF088506.D

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ClientSampleId :

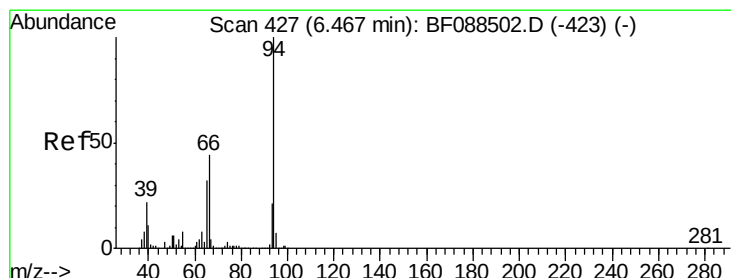
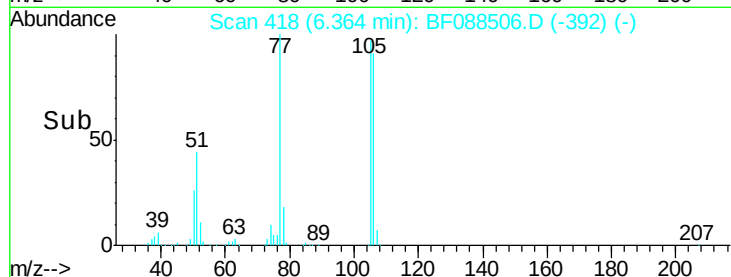
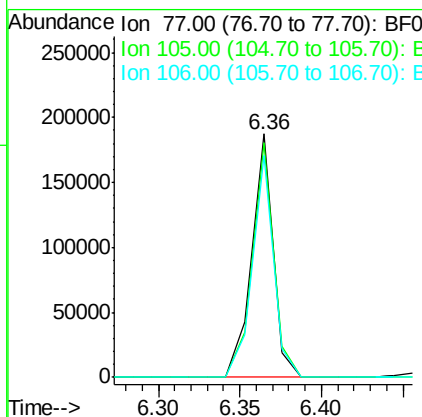
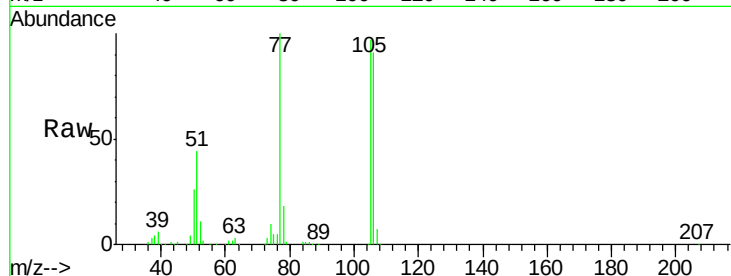
ICVBF062916

Tot Ion:	77	Resp:	171614
Ion	Ratio	Lower	Upper
77	100		
105	96.6	76.6	116.6
106	91.3	70.8	110.8

Manual Integrations

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#10

Phenol

Concen: 41.41 ng

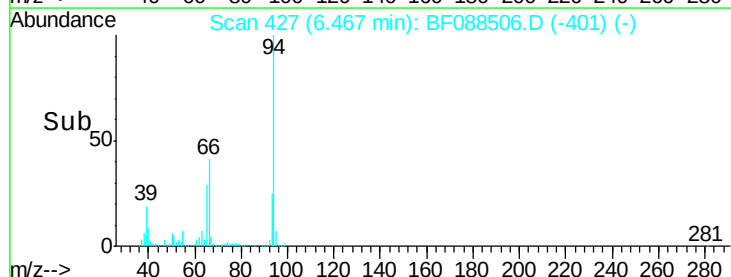
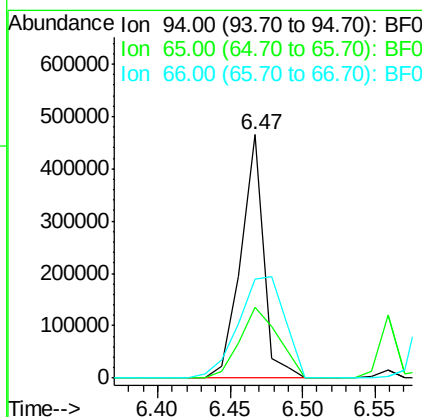
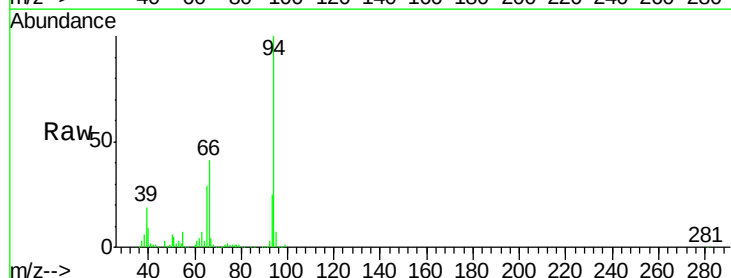
RT: 6.47 min Scan# 427

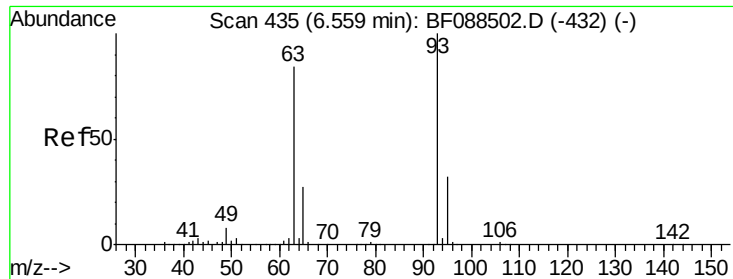
Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Tgt Ion:	94	Resp:	507670
Ion	Ratio	Lower	Upper
94	100		
65	29.0	11.6	51.6
66	40.9	23.8	63.8





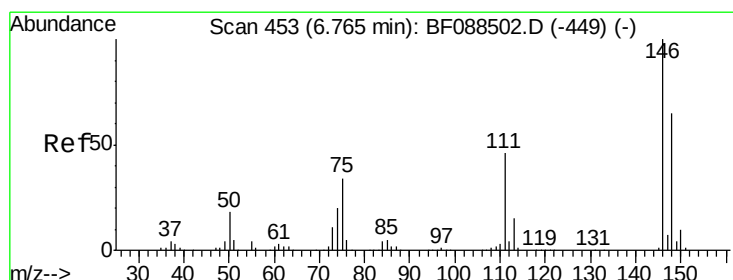
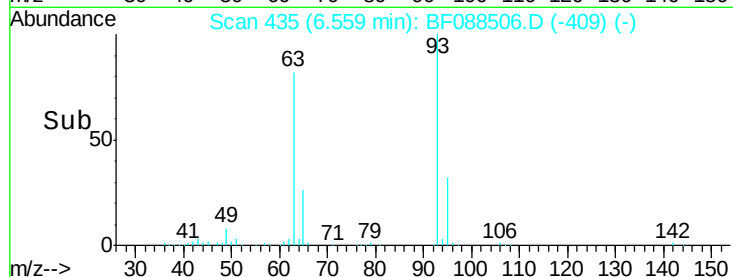
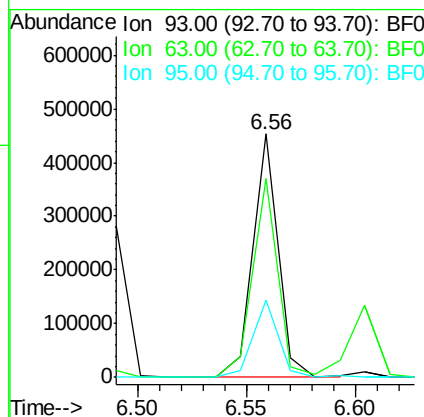
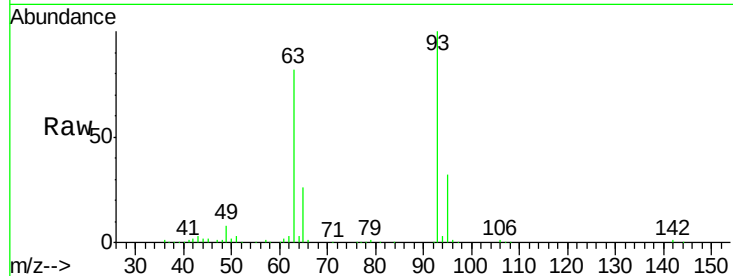
#11
bis(2-Chloroethyl)ether
Concen: 36.48 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tot Ion:	93	Resp:	362341
Ion	Ratio	Lower	Upper
93	100		
63	81.5	63.4	103.4
95	31.8	11.7	51.7

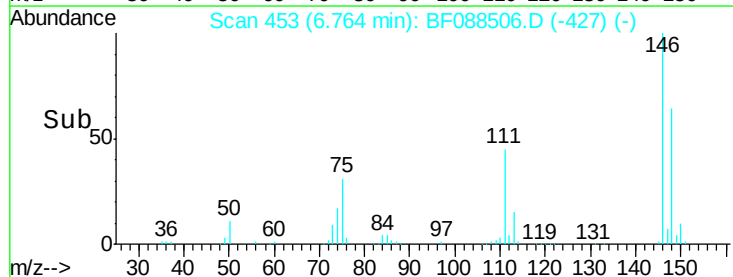
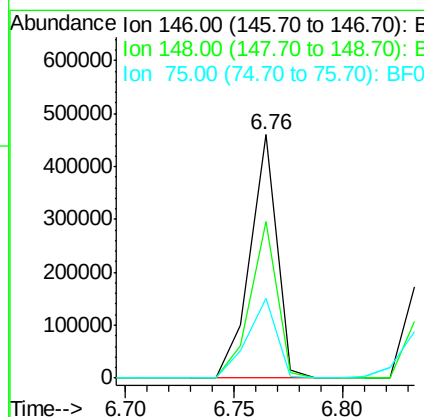
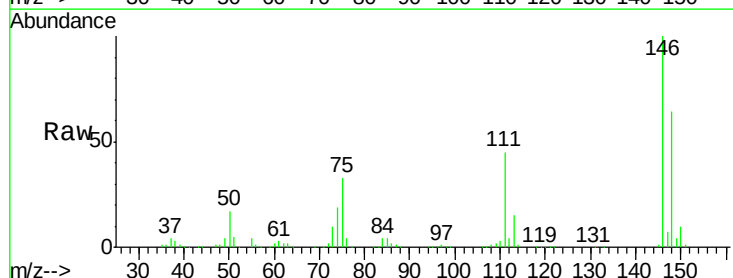
Manual Integrations

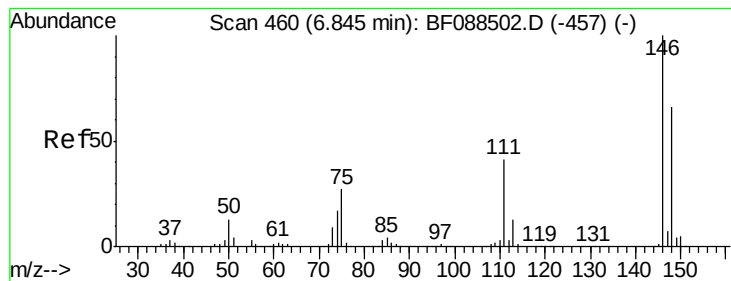
sohil
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#12
1,3-Dichlorobenzene
Concen: 39.83 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion:	146	Resp:	395225
Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.3	78.5
75	32.6	26.8	40.2





#13

1,4-Dichlorobenzene

Concen: 39.56 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

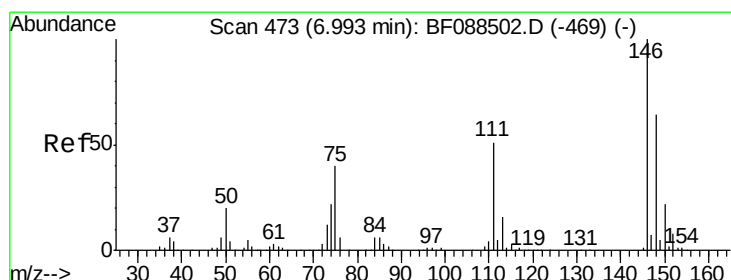
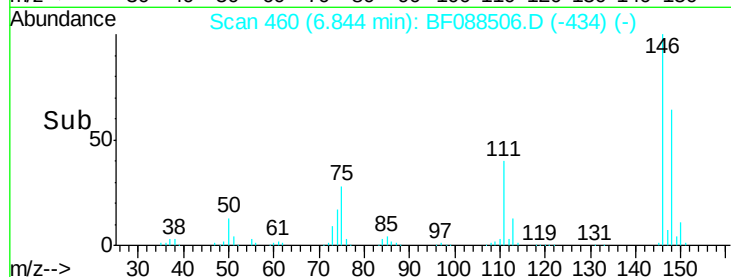
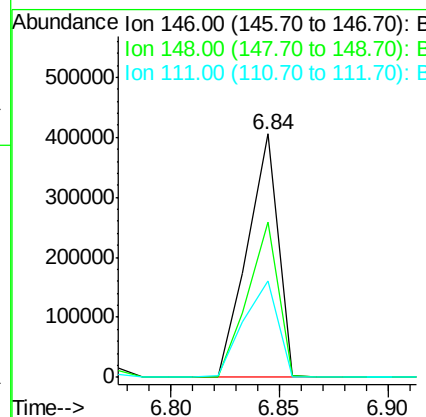
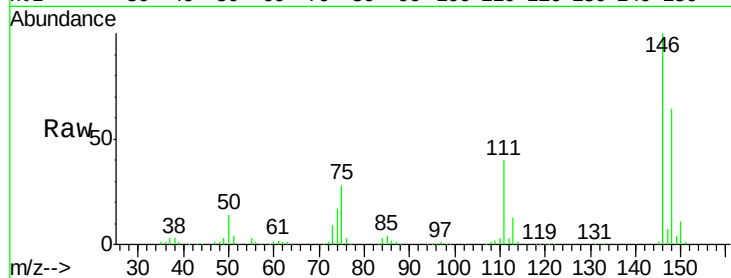
ICVBF062916

Tot Ion:	146	Resp:	400124
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.8	79.2
111	39.8	32.5	48.7

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 41.61 ng

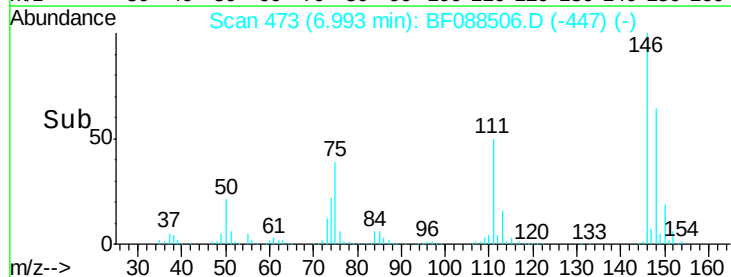
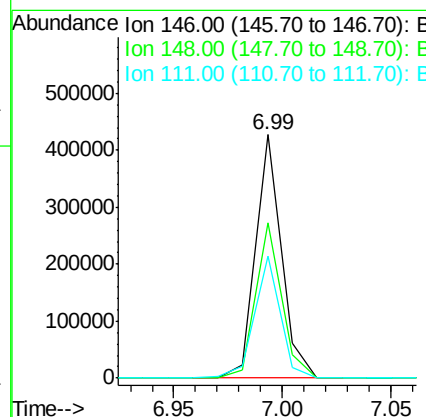
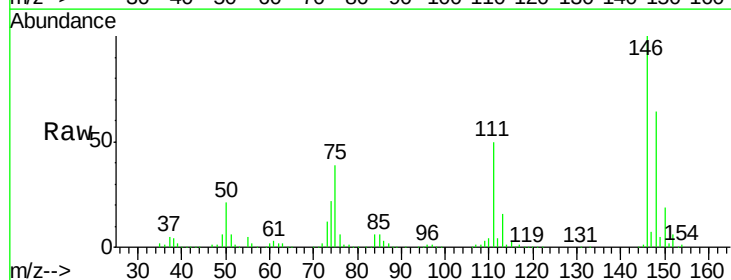
RT: 6.99 min Scan# 473

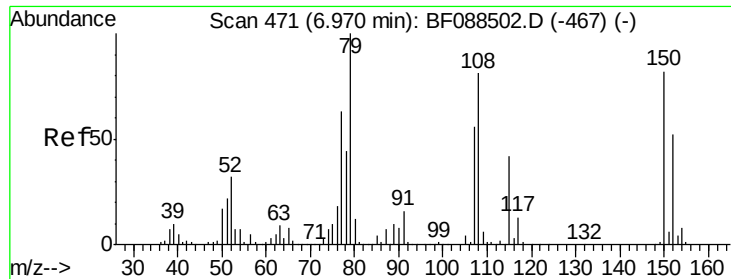
Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Tgt Ion:	146	Resp:	350905
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.1	76.7
111	50.0	40.5	60.7





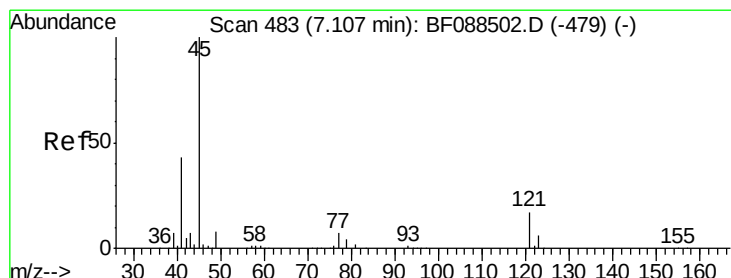
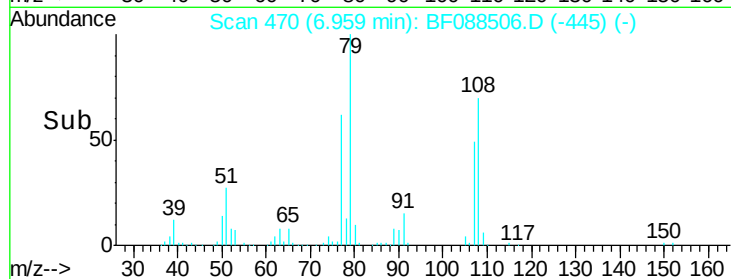
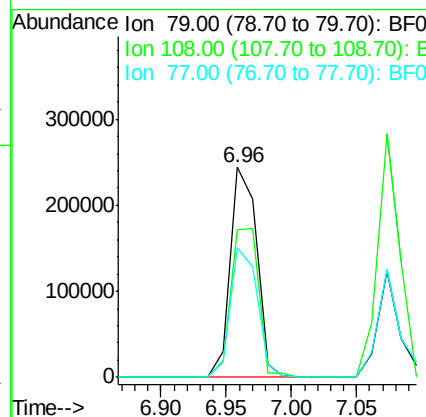
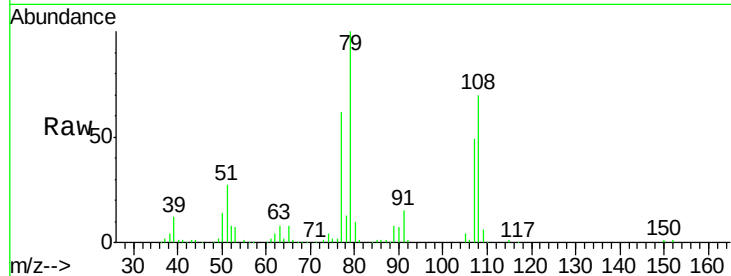
#15
Benzyl Alcohol
Concen: 37.78 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.3	64.7	97.1
77	61.9	50.4	75.6

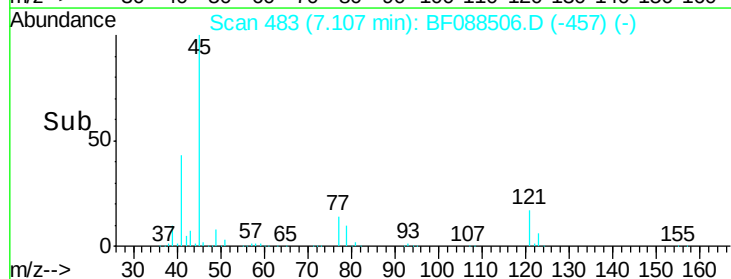
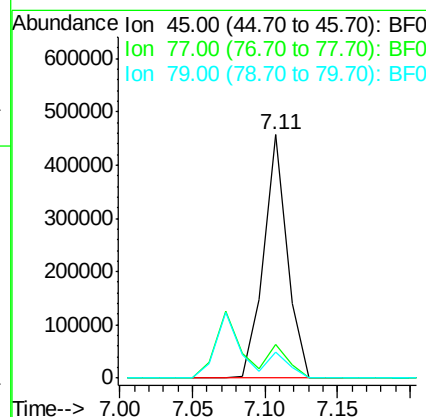
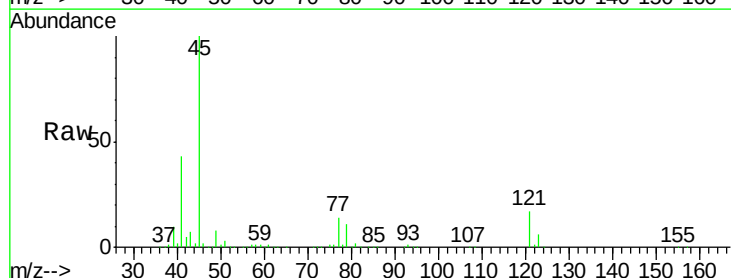
Manual Integrations

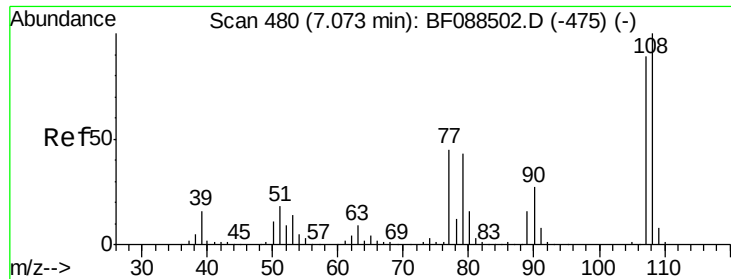
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.61 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	34.1
79	10.7	0.0	30.7





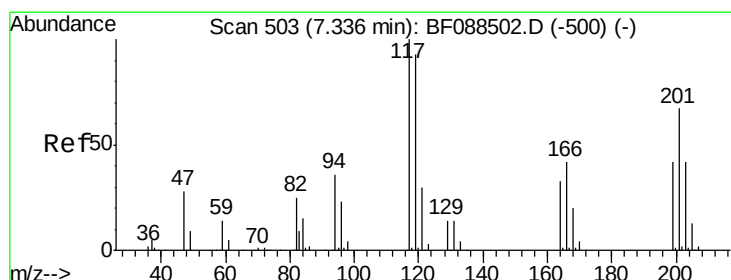
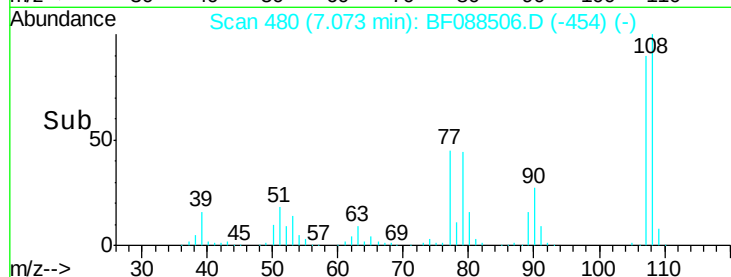
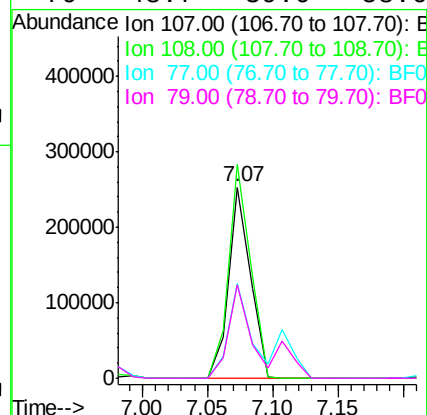
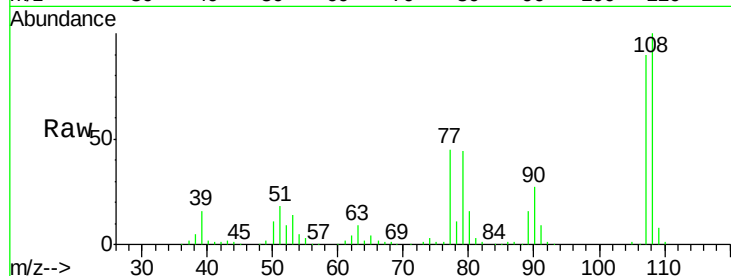
#17
2-Methylphenol
Concen: 36.72 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tot Ion	107	Resp	294146
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.0	135.0
77	49.8	40.2	60.4
79	48.7	39.0	58.6

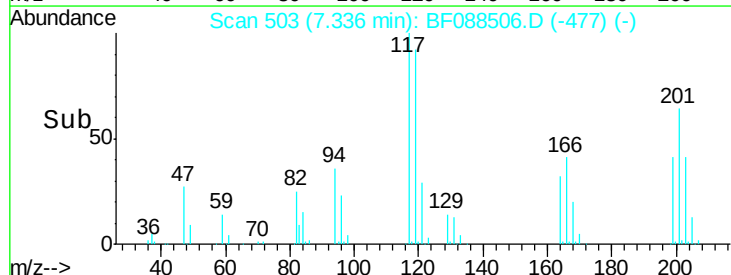
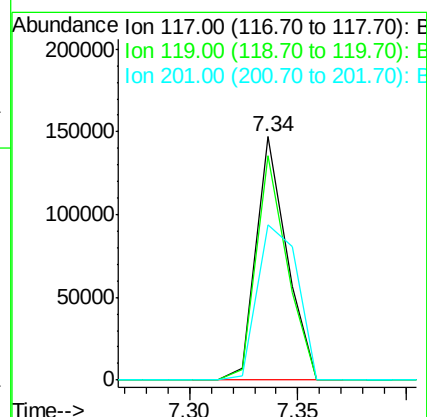
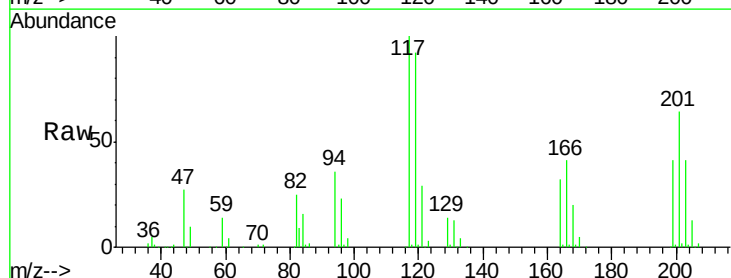
Manual Integrations

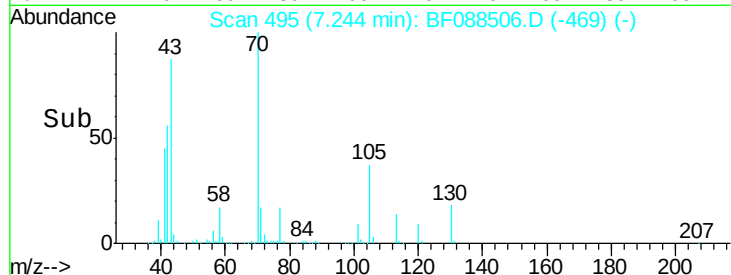
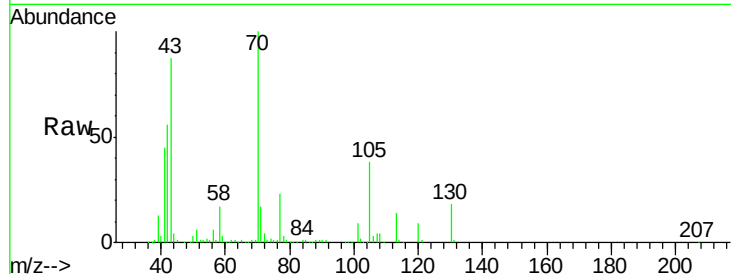
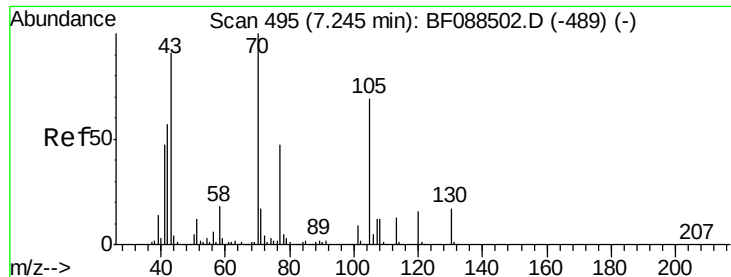
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#18
Hexachloroethane
Concen: 37.08 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	117	Resp	144422
Ion	Ratio	Lower	Upper
117	100		
119	92.3	74.1	111.1
201	64.0	53.4	80.2





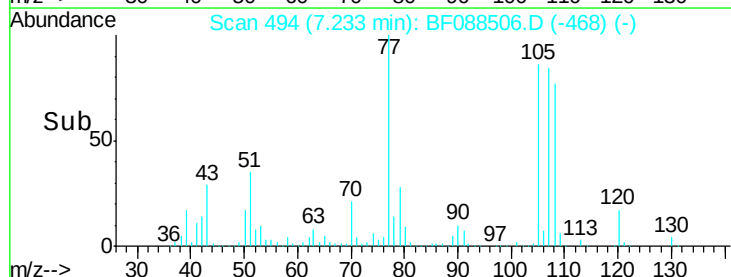
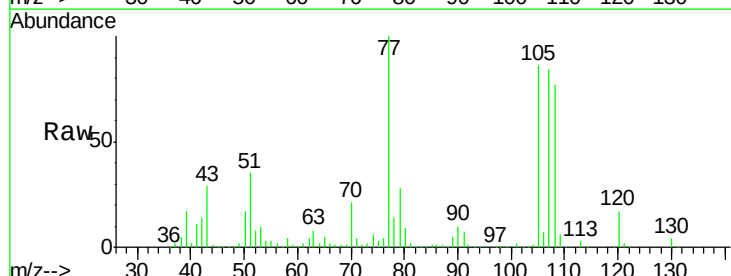
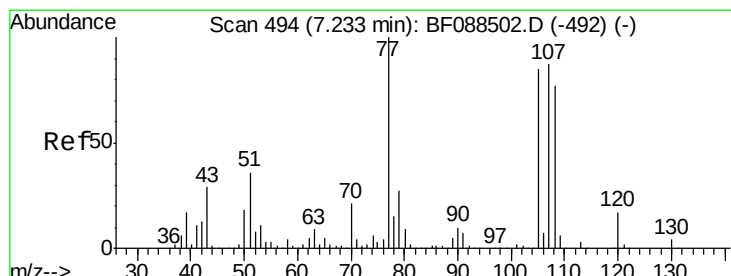
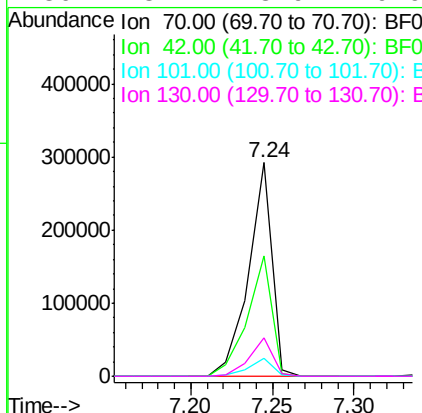
#19
n-Nitroso-di-n-propylamine
Concen: 39.05 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.4	45.9	68.9	
101	8.6	6.8	10.2	
130	18.2	13.9	20.9	

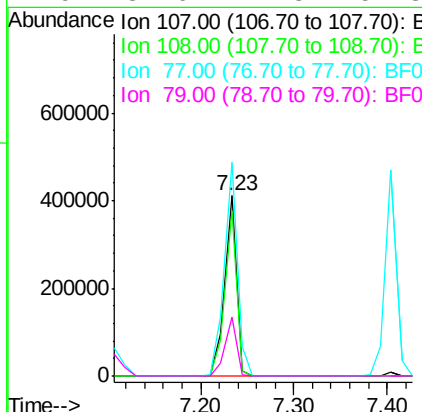
Manual Integrations

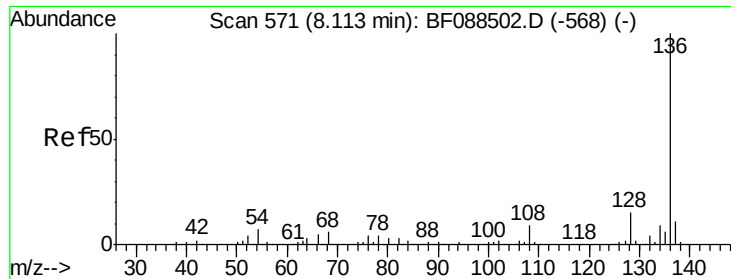
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#20
3+4-Methylphenols
Concen: 40.70 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.6	68.1	108.1	
77	118.5	95.1	135.1	
79	32.6	11.3	51.3	





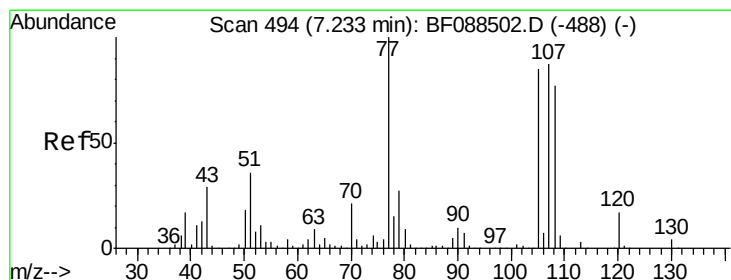
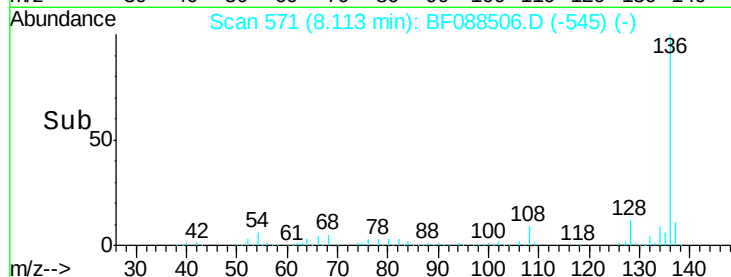
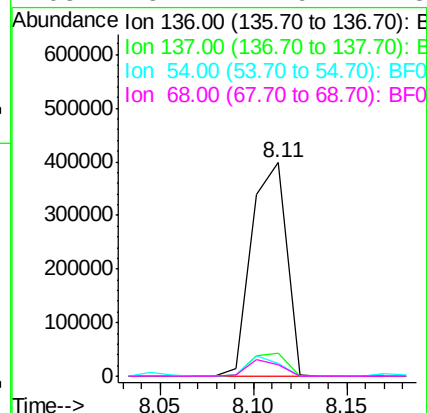
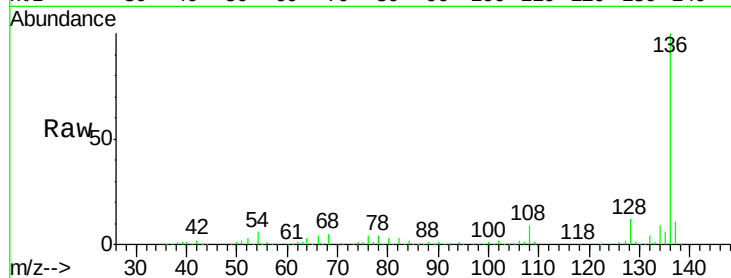
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		517085		
137	10.7		8.5	12.7	
54	6.2		5.4	8.2	
68	5.4		4.9	7.3	

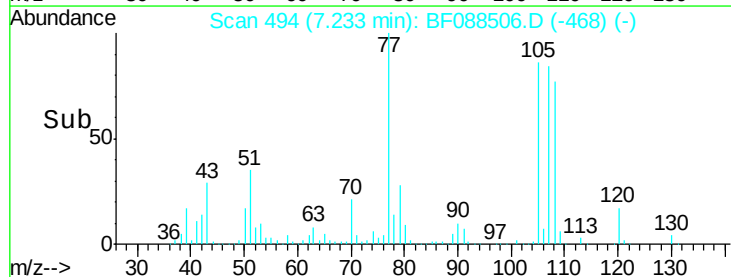
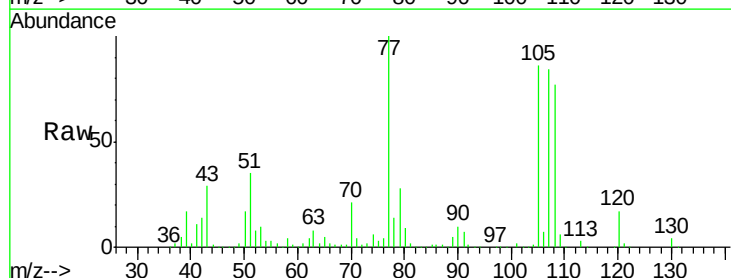
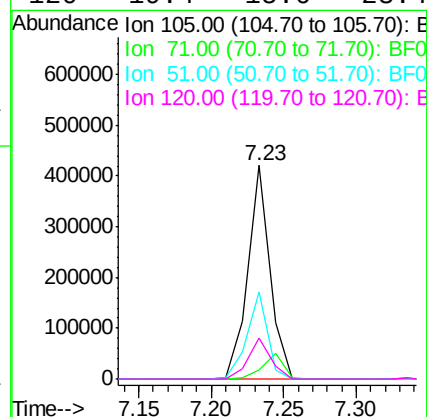
Manual Integrations

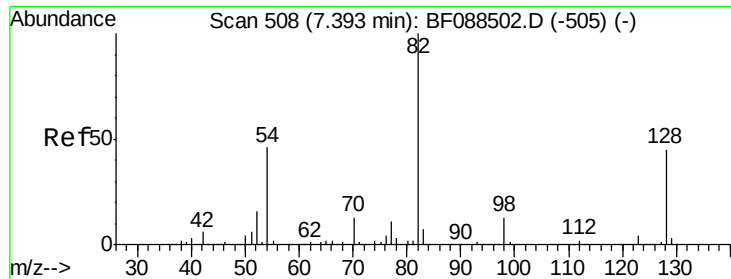
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#22
Acetophenone
Concen: 35.75 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		445048		
71	4.2		3.4	5.2	
51	40.5		33.6	50.4	
120	19.4		15.6	23.4	





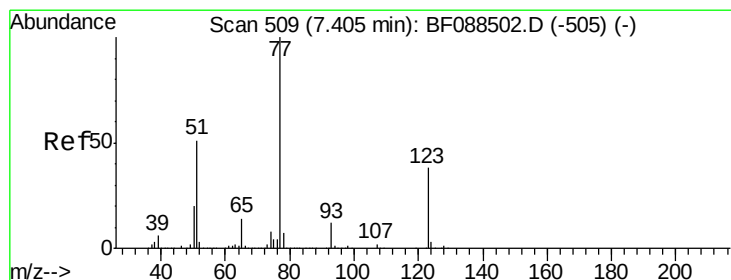
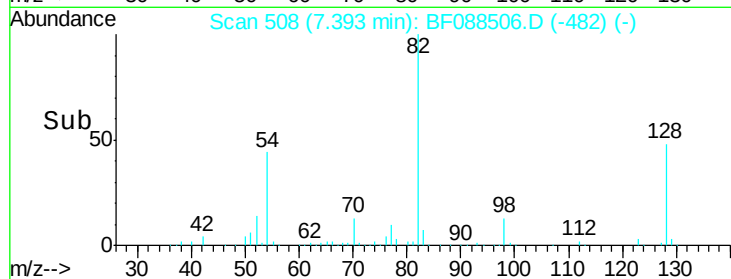
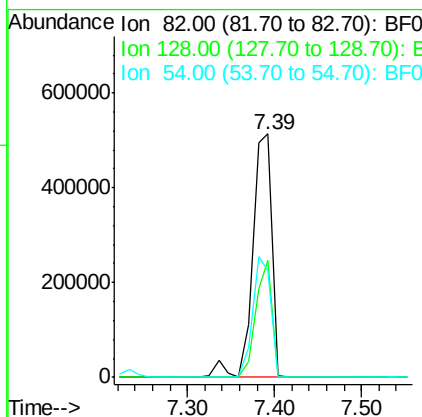
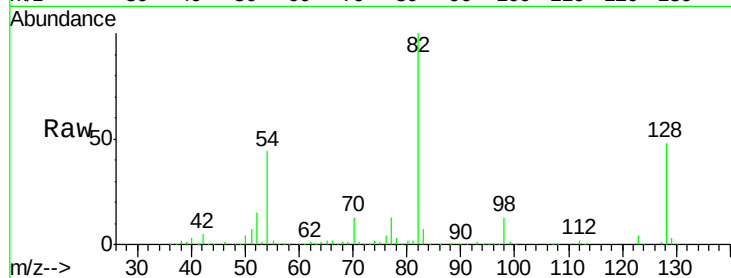
#23
Nitrobenzene-d5
Concen: 81.91 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	35.8	53.8
54	43.9	37.1	55.7

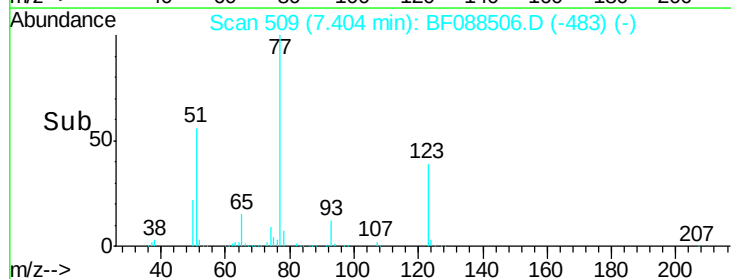
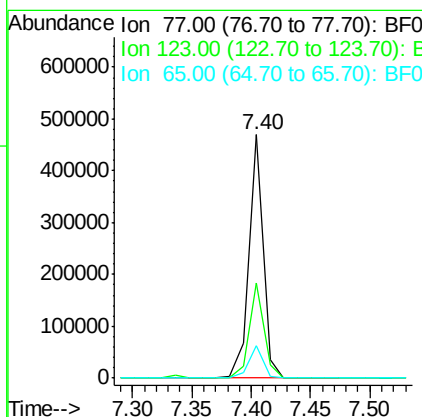
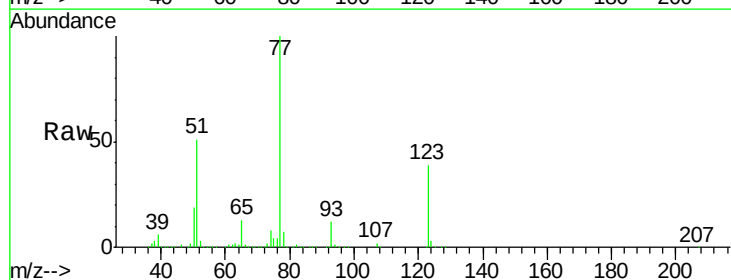
Manual Integrations

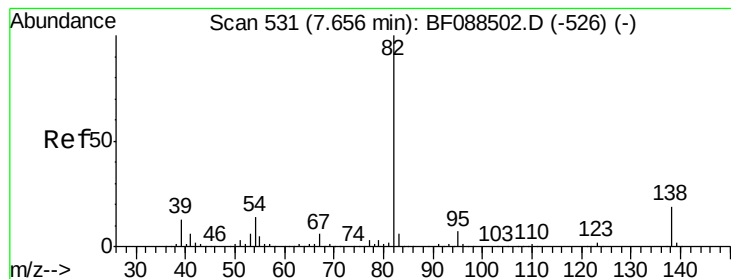
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#24
Nitrobenzene
Concen: 37.51 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	30.7	46.1
65	13.4	10.9	16.3





#25

Isophorone

Concen: 35.67 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

Tot Ion: 82 Resp: 709493

Ion Ratio Lower Upper

82 100

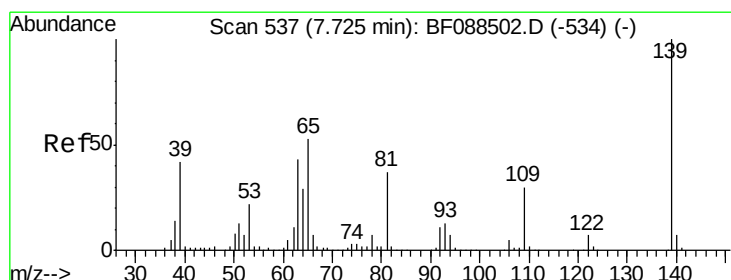
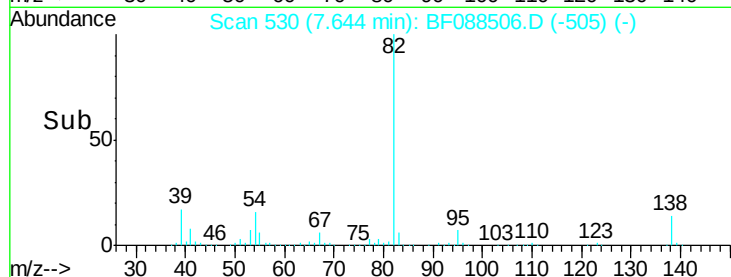
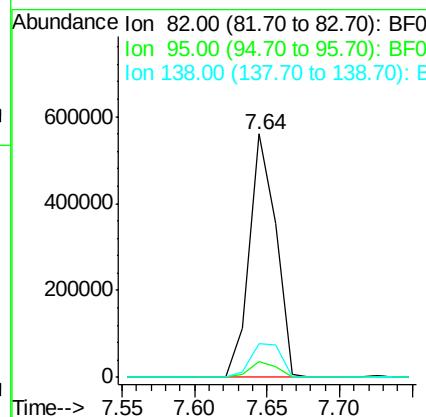
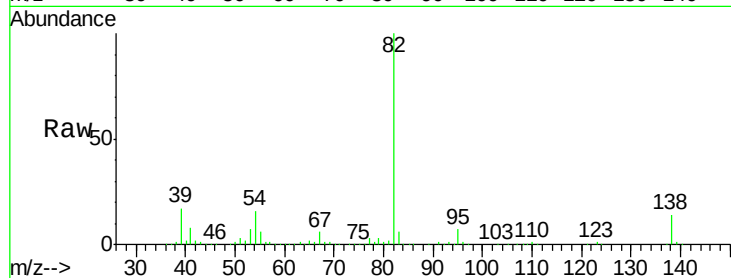
95 6.5 5.6 8.4

138 13.8 14.8 22.2#

Manual Integrations

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#26

2-Nitrophenol

Concen: 47.84 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

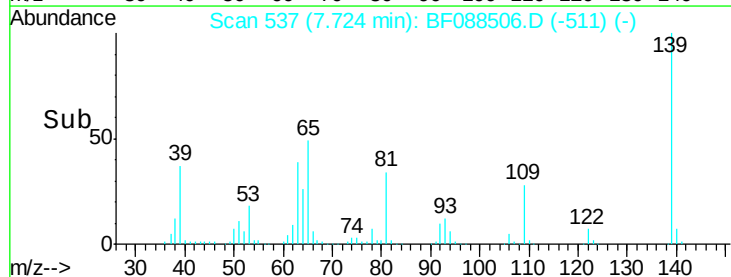
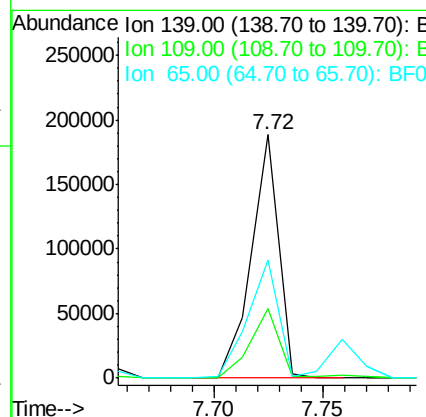
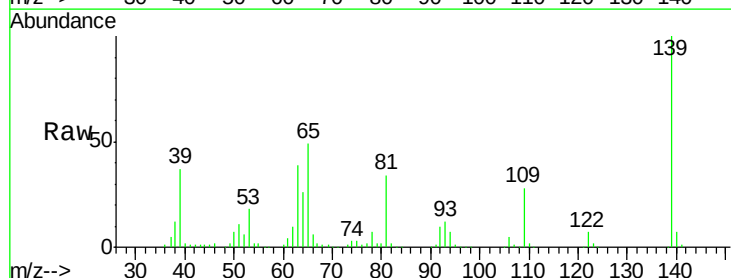
Tgt Ion: 139 Resp: 164407

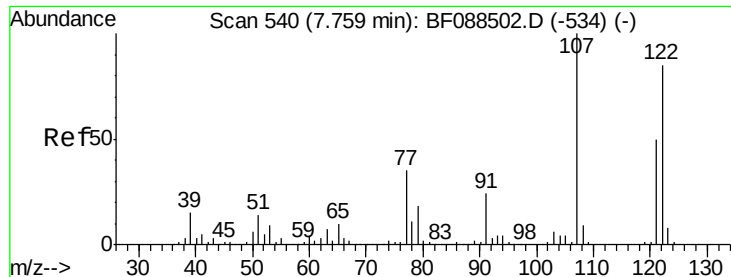
Ion Ratio Lower Upper

139 100

109 28.5 24.0 36.0

65 48.5 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 34.86 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

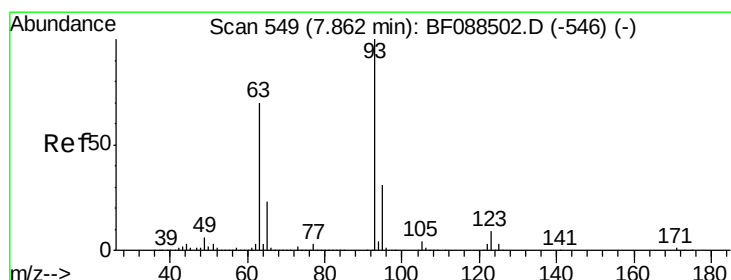
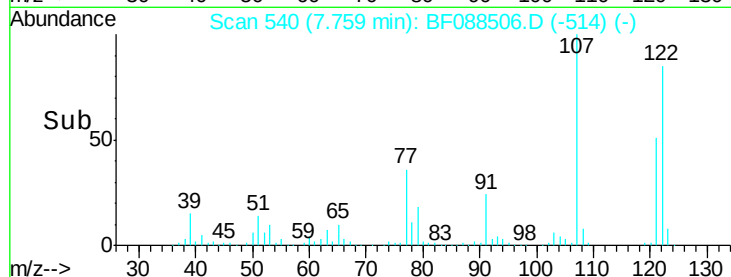
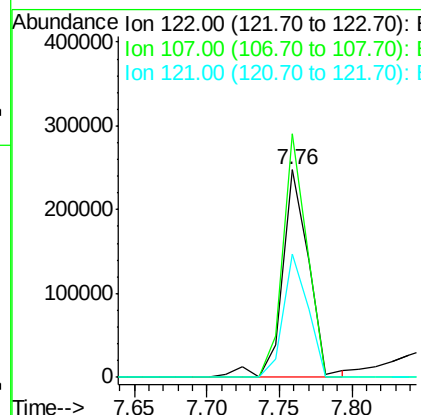
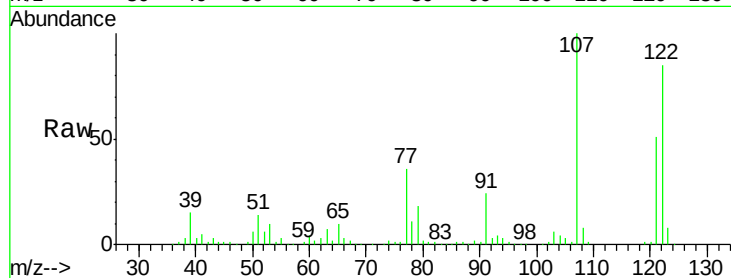
ICVBF062916

Tot Ion:	122	Resp:	311292
Ion Ratio	Lower	Upper	
122	100		
107	117.5	94.1	141.1
121	59.4	47.0	70.6

Manual Integrations

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#28

bis(2-Chloroethoxy)methane

Concen: 36.64 ng

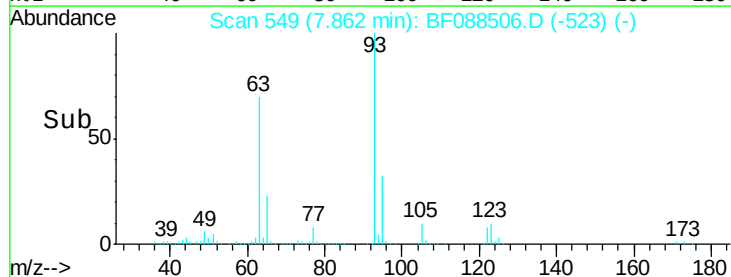
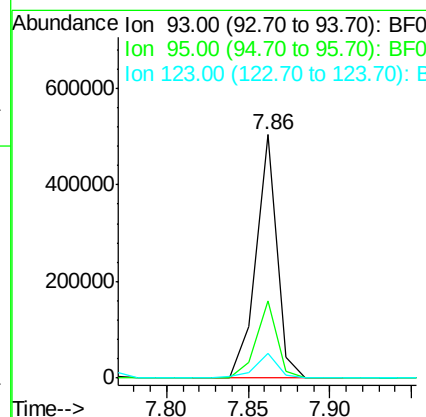
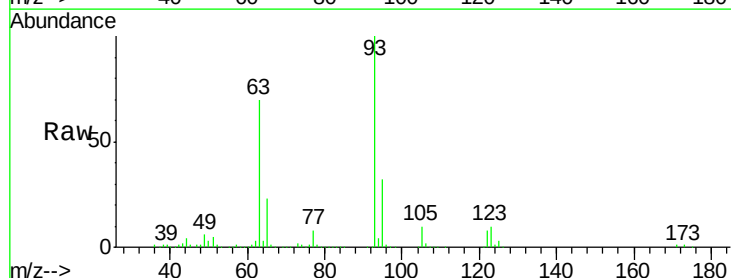
RT: 7.86 min Scan# 549

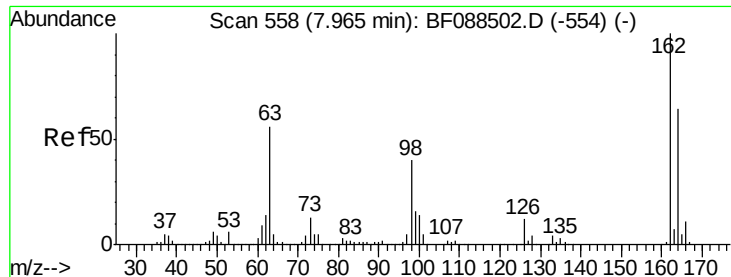
Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Tgt Ion:	93	Resp:	449247
Ion Ratio	Lower	Upper	
93	100		
95	31.8	25.1	37.7
123	9.9	7.8	11.6





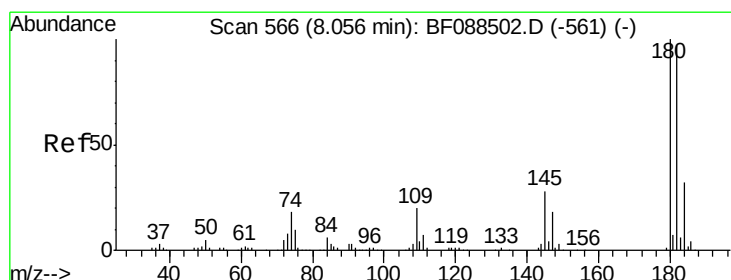
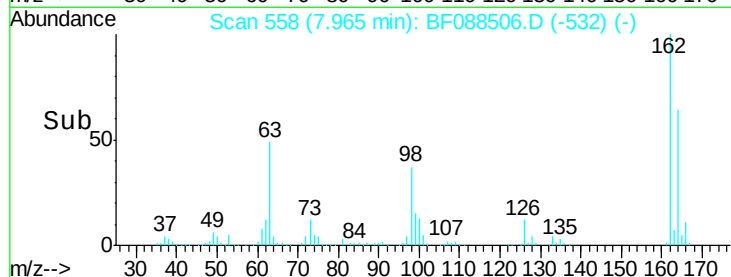
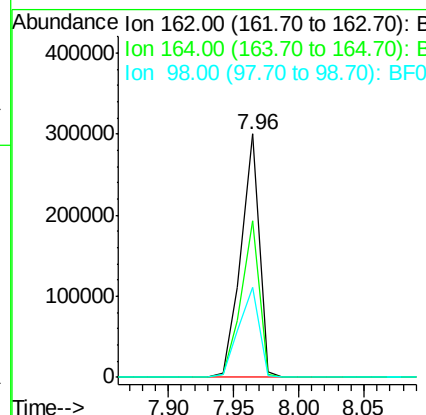
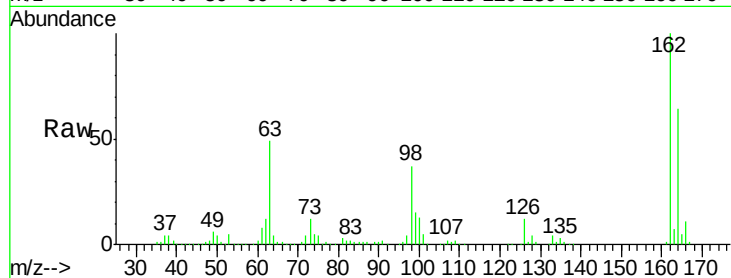
#29
 2,4-Dichlorophenol
 Concen: 40.50 ng
 RT: 7.96 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Tot Ion:	162	Resp:	291433
Ion Ratio	Lower	Upper	
162	100		
164	64.1	44.3	84.3
98	37.0	20.5	60.5

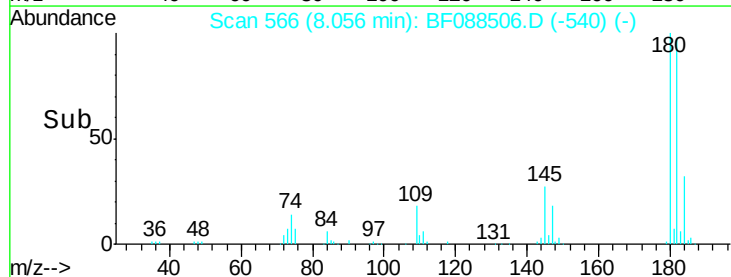
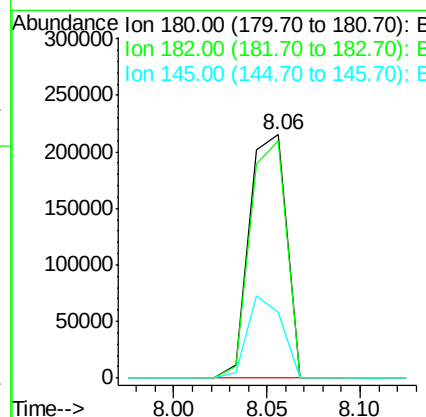
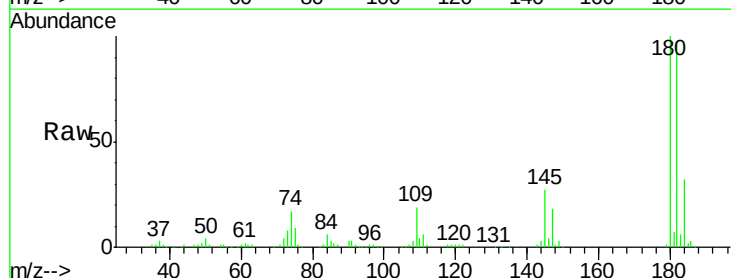
Manual Integrations

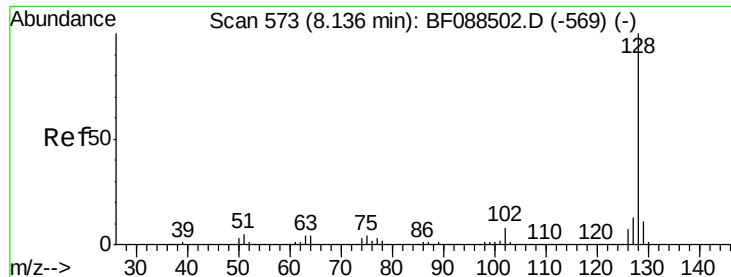
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.26 ng
 RT: 8.06 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion:	180	Resp:	294865
Ion Ratio	Lower	Upper	
180	100		
182	97.2	77.4	116.0
145	27.1	22.6	33.8





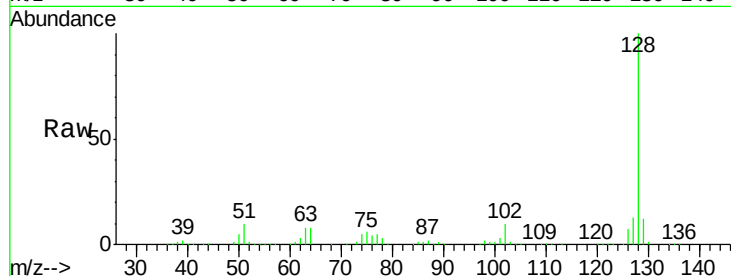
#31
Naphthalene
Concen: 37.11 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

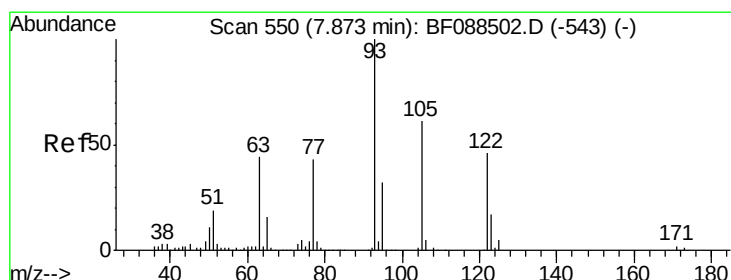
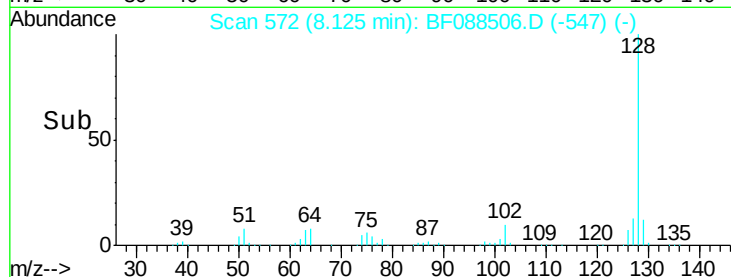
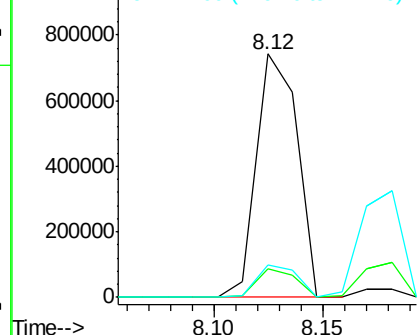
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	12.8
127	13.2	10.6	16.0

Manual Integrations

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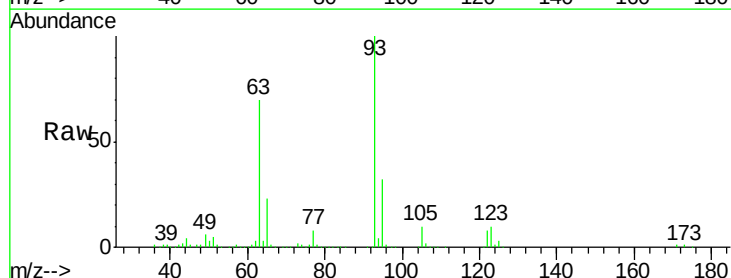


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

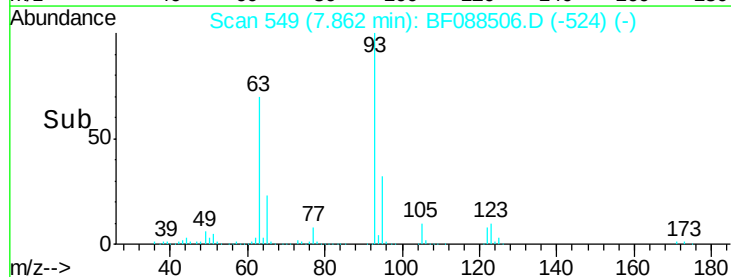
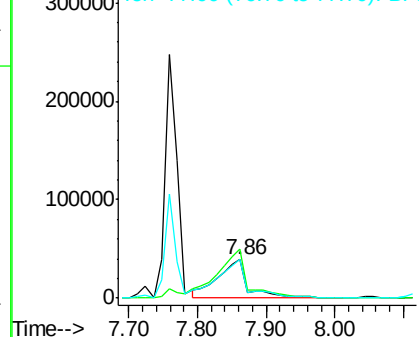


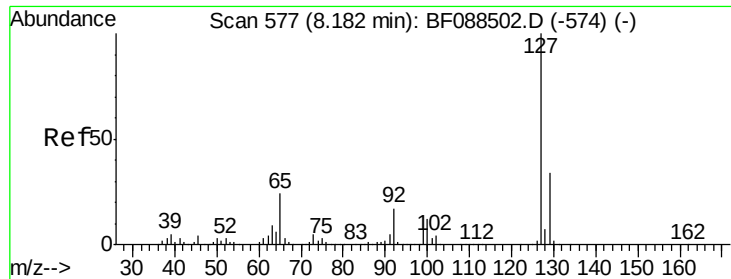
#32
Benzoic acid
Concen: 31.32 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.7	110.7	150.7
77	102.2	76.5	116.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





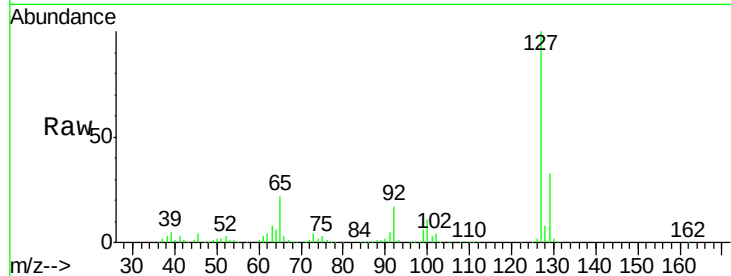
#33
4-Chloroaniline
Concen: 36.69 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

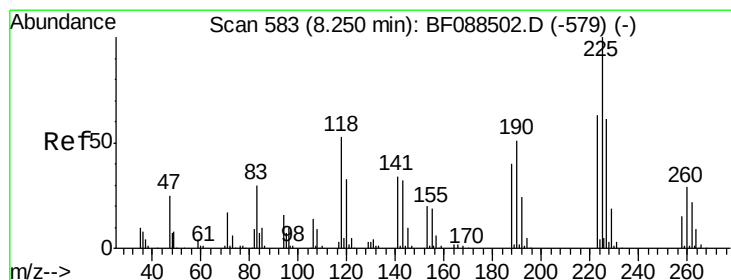
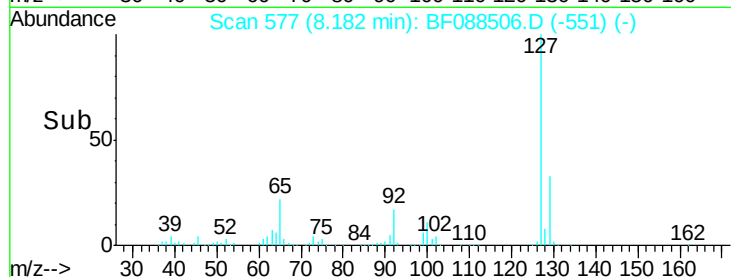
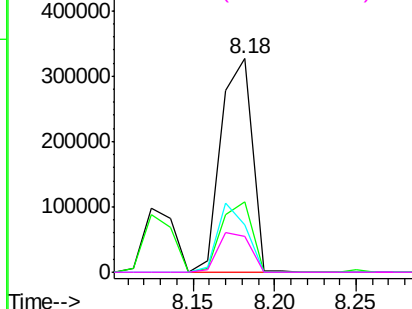
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		429542		
129	33.0	26.9	40.3		
65	22.1	19.4	29.2		
92	16.6	14.0	21.0		

Manual Integrations

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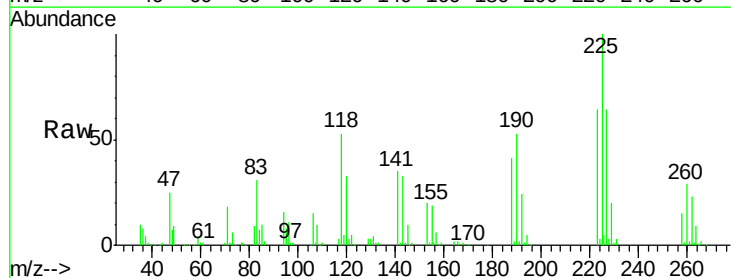


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

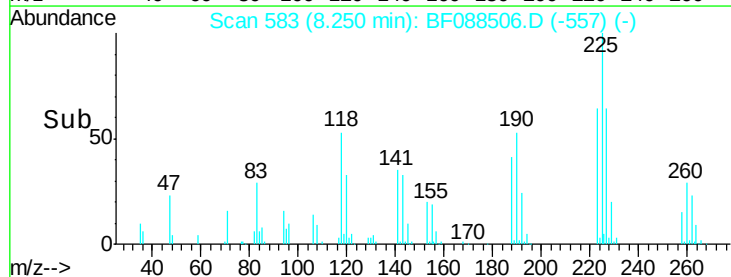
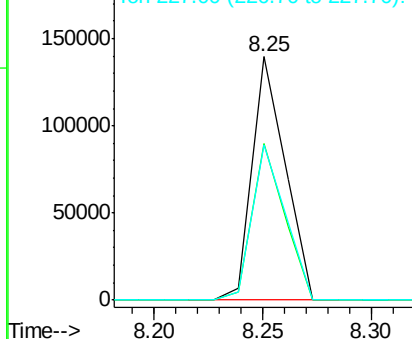


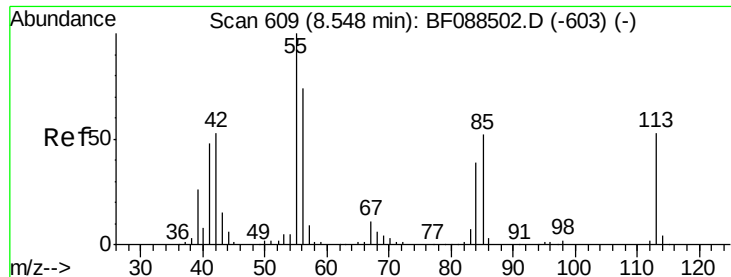
#34
Hexachlorobutadiene
Concen: 39.86 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		148107		
223	64.3	50.2	75.2		
227	63.6	48.6	73.0		



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: 34.19 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

Tot Ion:113 Resp: 75196

Ion Ratio Lower Upper

113 100

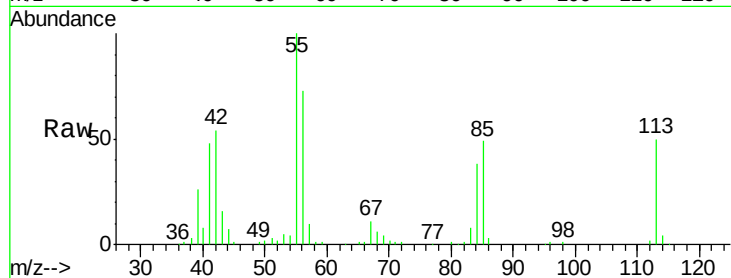
55 201.1 170.2 210.2

56 145.9 119.7 159.7

Manual Integrations

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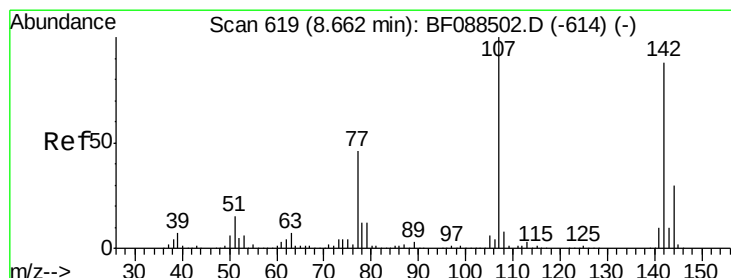
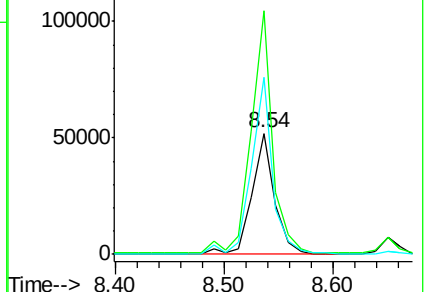
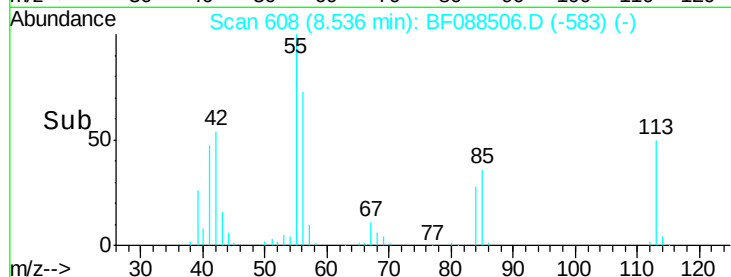
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.42 ng

RT: 8.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

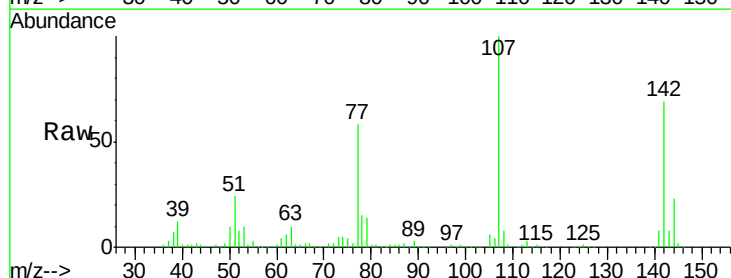
Tgt Ion:107 Resp: 275170

Ion Ratio Lower Upper

107 100

144 22.6 23.7 35.5#

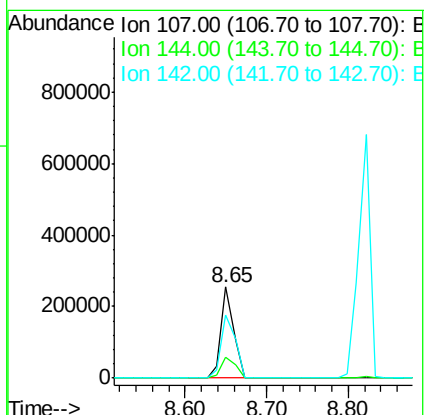
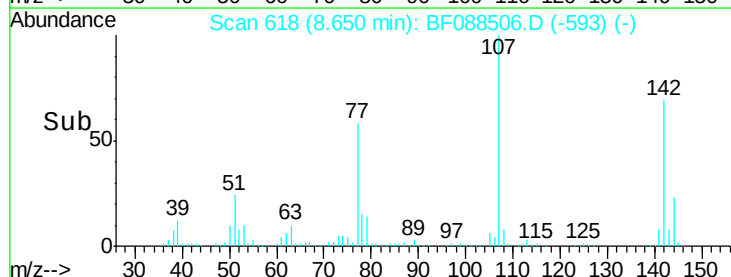
142 69.5 70.7 106.1#

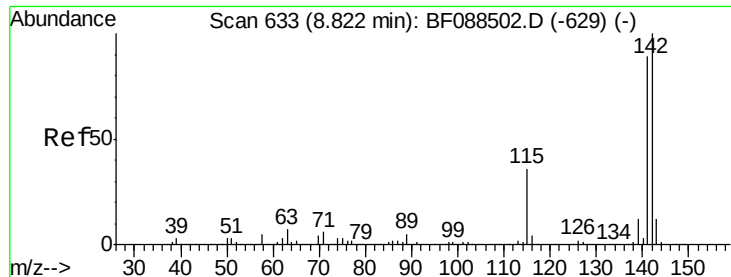


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





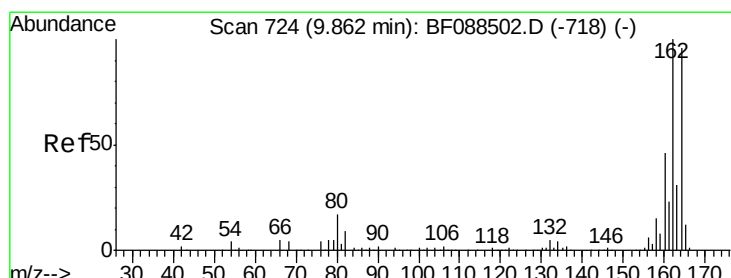
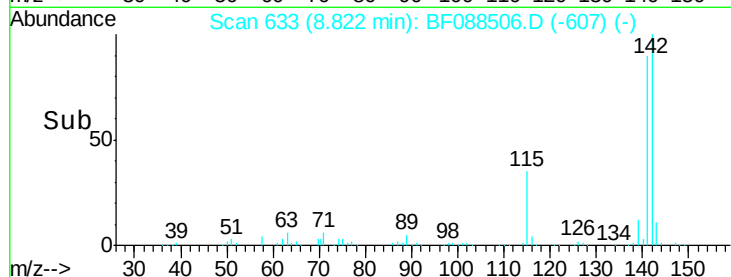
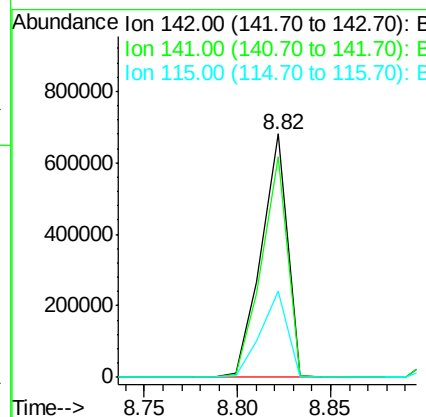
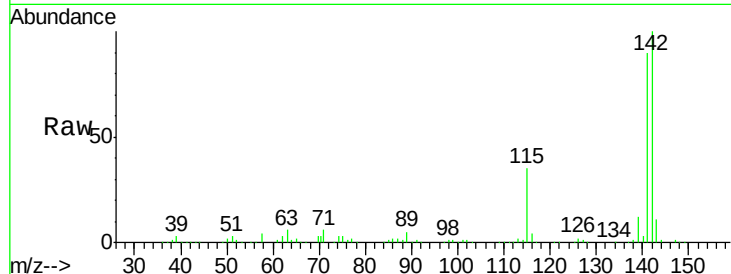
#37
2-Methylnaphthalene
Concen: 41.02 ng
RT: 8.82 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.0	106.4
115	35.2	28.7	43.1

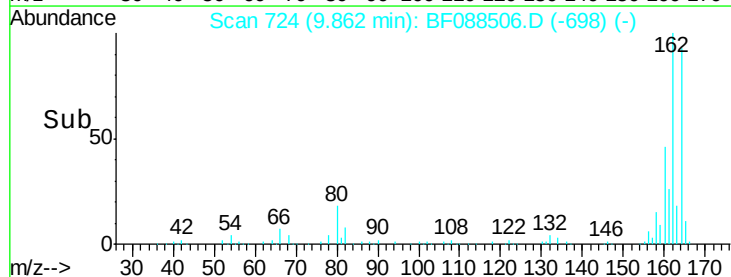
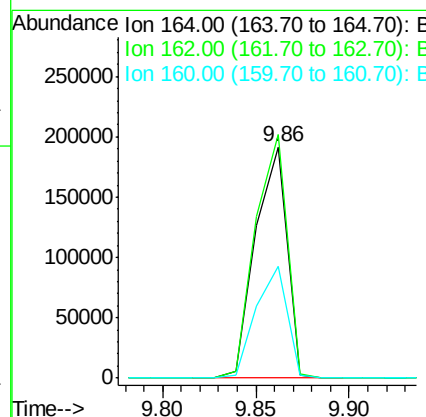
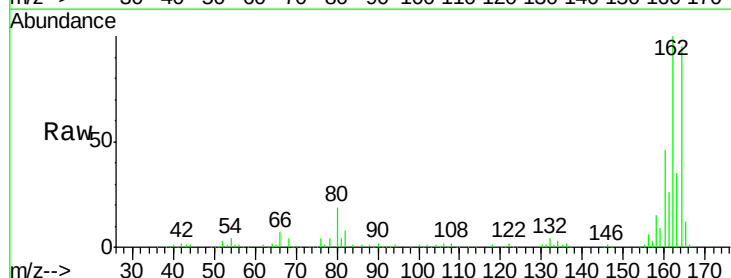
Manual Integrations

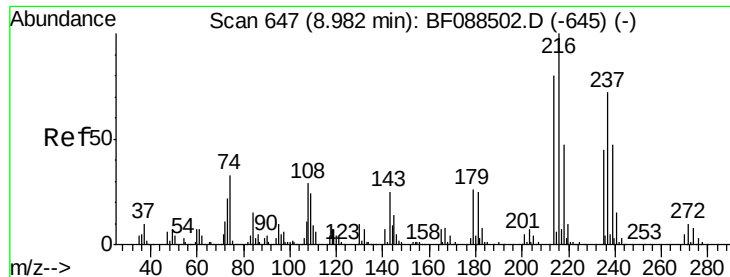
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.7	125.5
160	48.3	38.9	58.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.48 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

Tot Ion:216 Resp: 231033
Ion Ratio Lower Upper

216 100

214 79.1 0.0 0.0#

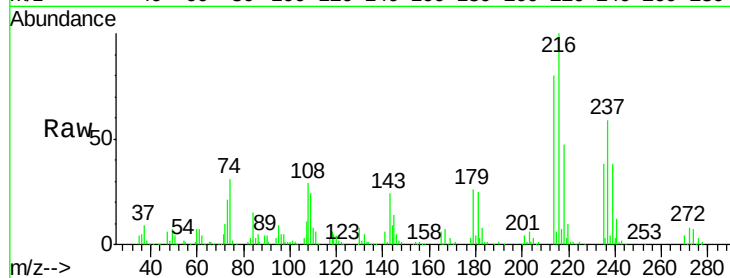
179 23.4 0.0 0.0#

108 25.6 0.0 0.0#

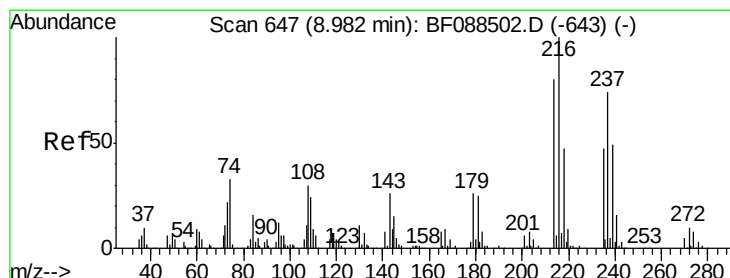
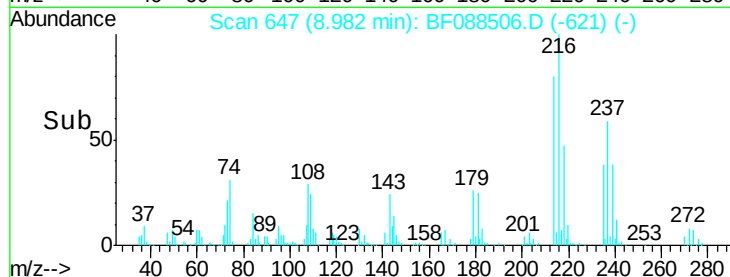
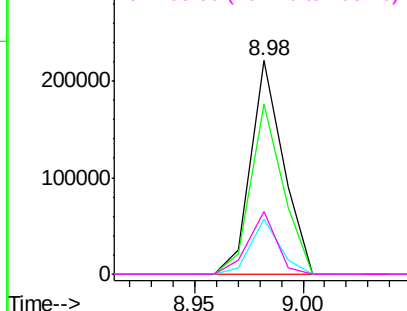
Manual Integrations

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.18 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF088506.D

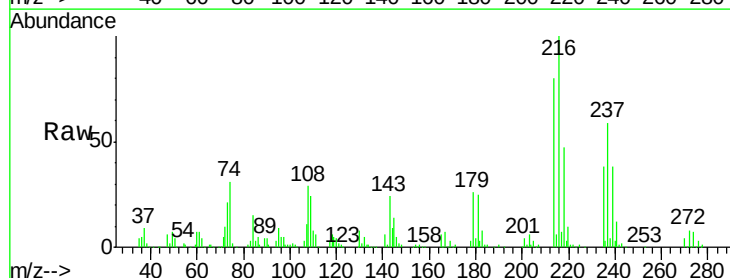
Acq: 29 Jun 2016 21:32

Tgt Ion:237 Resp: 147057
Ion Ratio Lower Upper

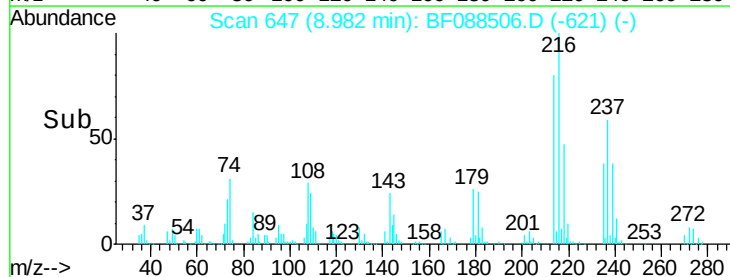
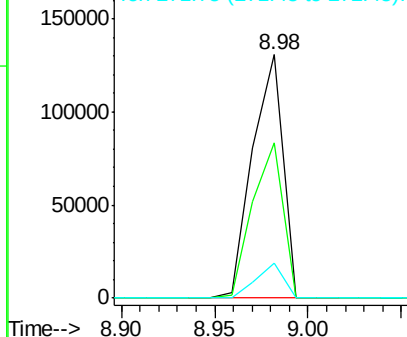
237 100

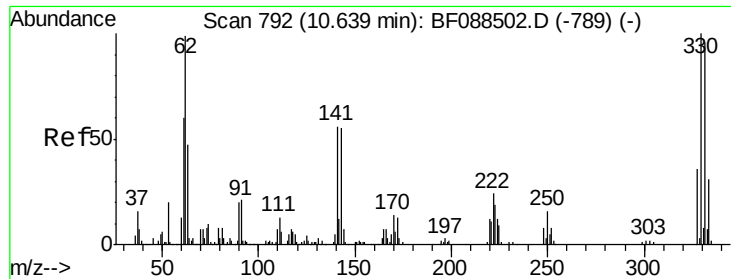
235 64.0 43.0 83.0

272 14.2 0.0 33.8



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





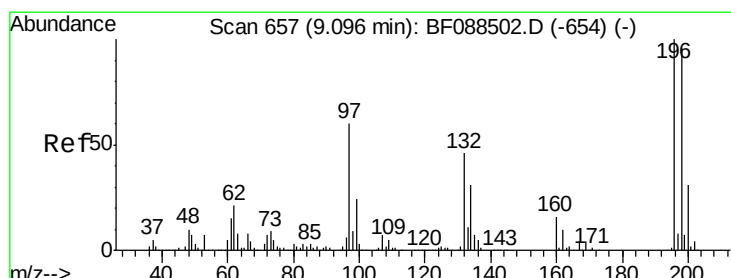
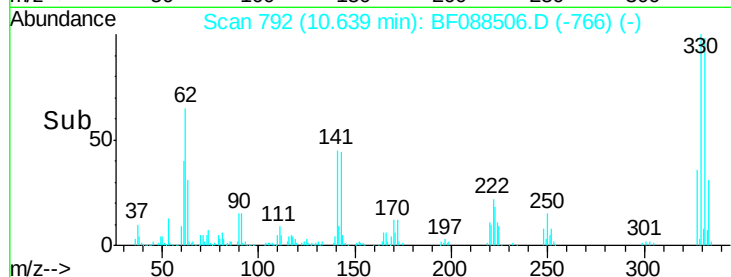
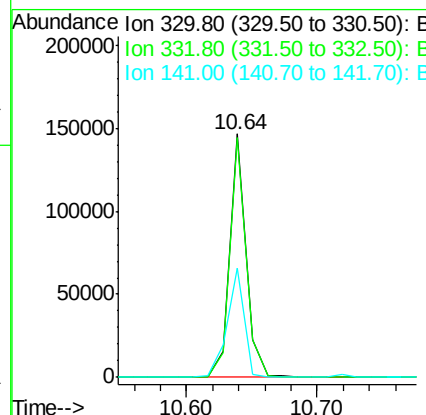
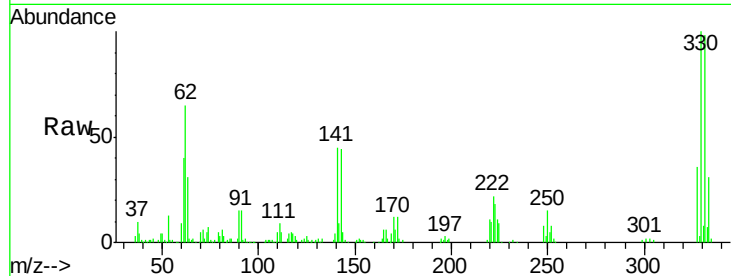
#41
 2,4,6-Tribromophenol
 Concen: 75.40 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Tot Ion	Ratio	Resp	Lower	Upper
330	100	128947		
332	97.9	0.0	0.0	0.0
141	46.9	0.0	0.0	0.0

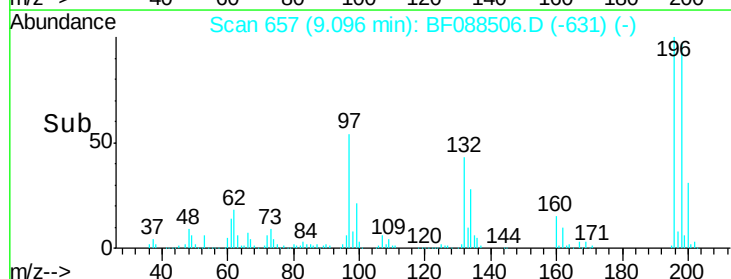
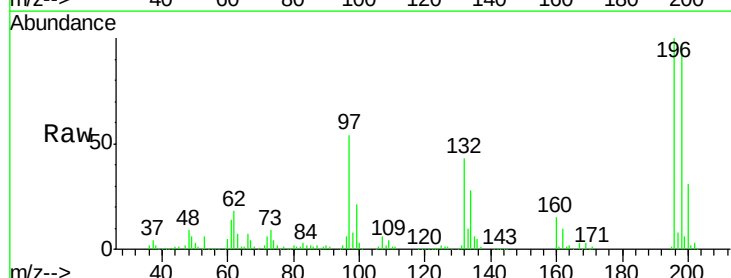
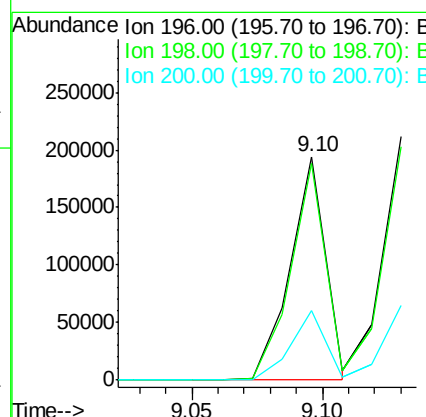
Manual Integrations

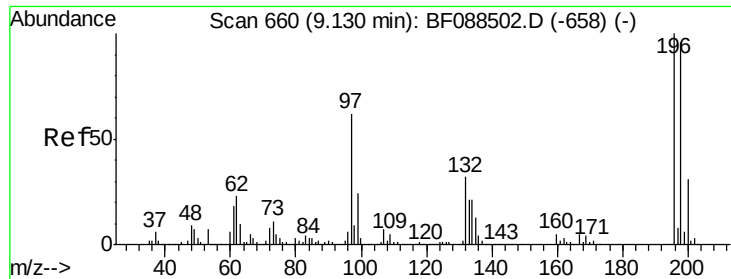
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#42
 2,4,6-Trichlorophenol
 Concen: 41.04 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	182748		
198	96.9	76.9	115.3	
200	30.9	24.6	36.8	





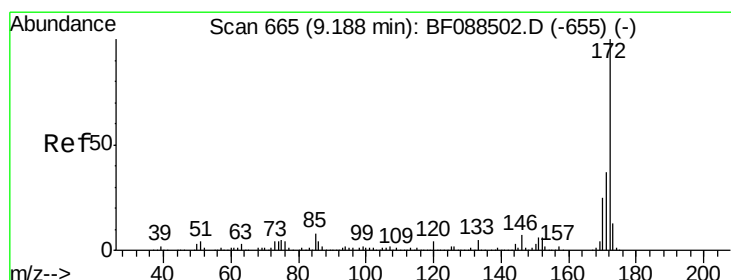
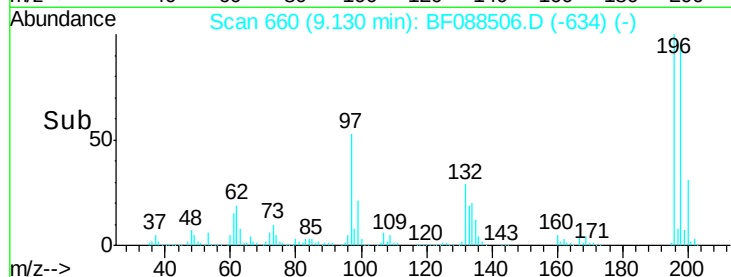
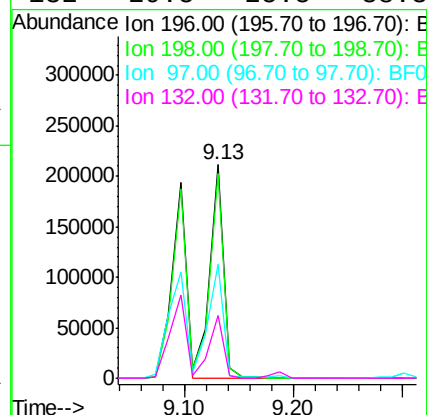
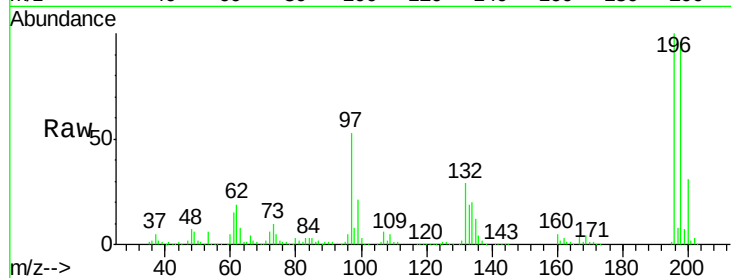
#43
 2,4,5-Trichlorophenol
 Concen: 42.51 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Tot Ion:	196	Resp:	189106
Ion Ratio	Lower	Upper	
196	100		
198	95.9	76.6	115.0
97	53.5	48.7	73.1
132	29.5	25.5	38.3

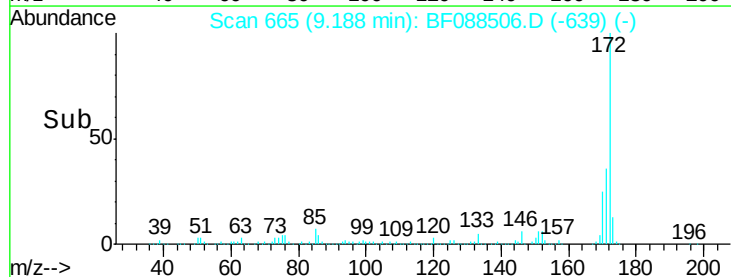
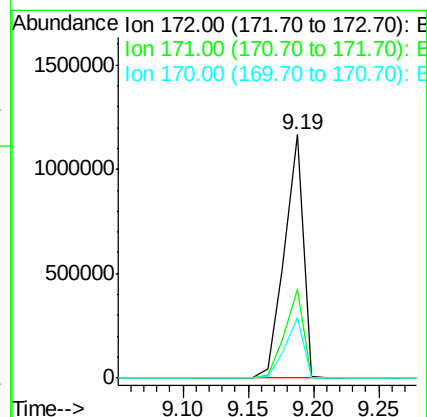
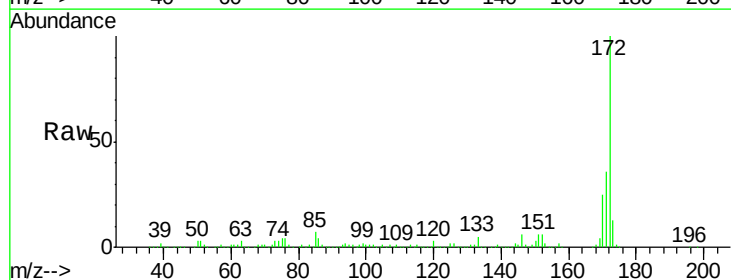
Manual Integrations

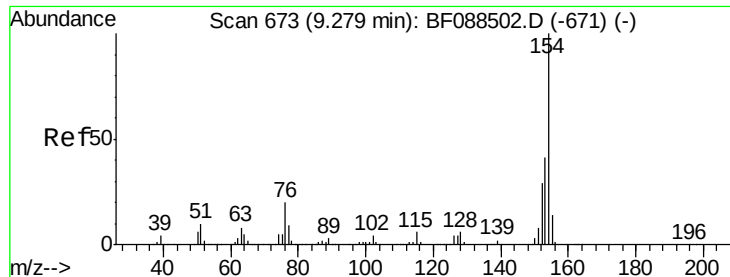
sohil
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#44
 2-Fluorobiphenyl
 Concen: 85.85 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion:	172	Resp:	1191505
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.3	43.9
170	24.7	19.8	29.8





#45

1,1'-Biphenyl

Concen: 38.50 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

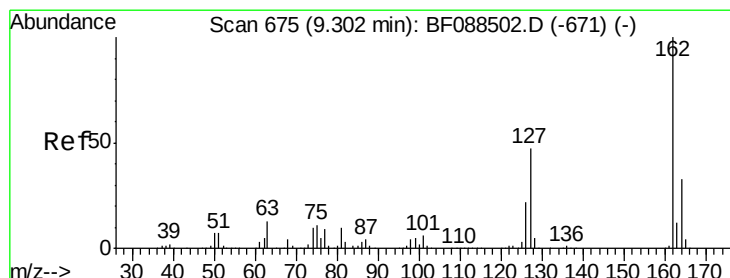
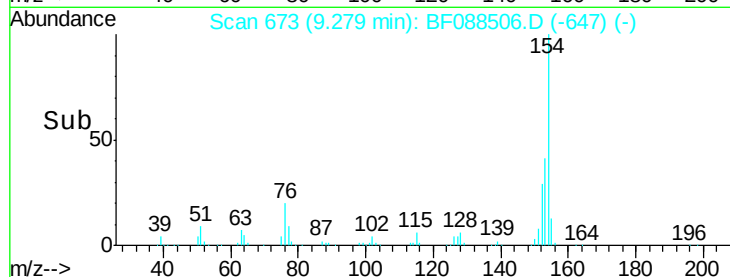
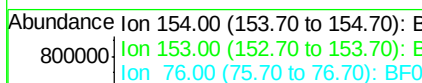
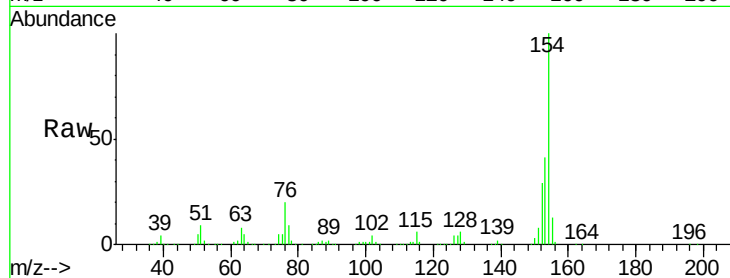
ICVBF062916

Tot Ion:	154	Resp:	681200
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.8	60.8
76	19.7	0.0	39.9

Manual Integrations

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#46

2-Chloronaphthalene

Concen: 39.39 ng

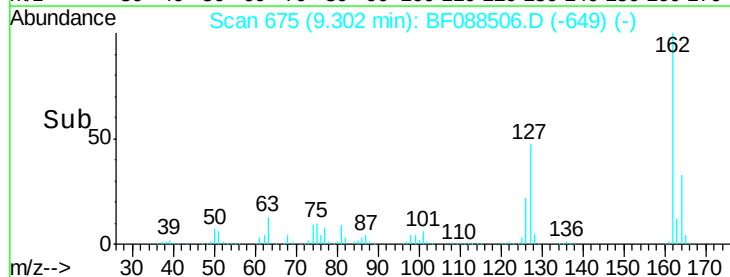
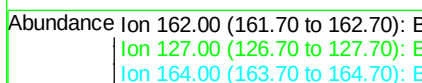
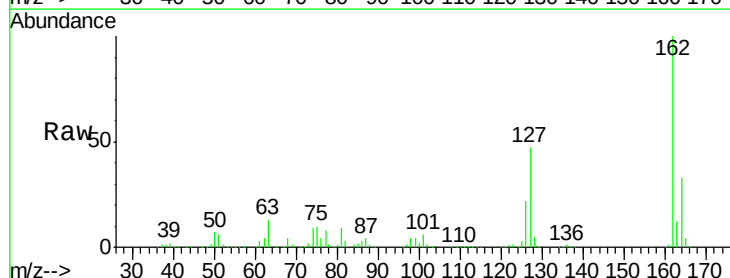
RT: 9.30 min Scan# 675

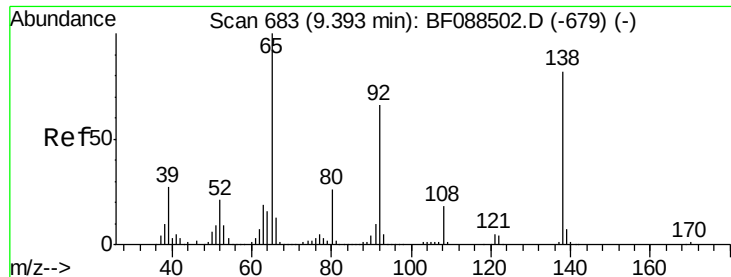
Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Tgt Ion:	162	Resp:	551789
Ion Ratio	Lower	Upper	
162	100		
127	46.9	37.8	56.8
164	32.9	26.5	39.7





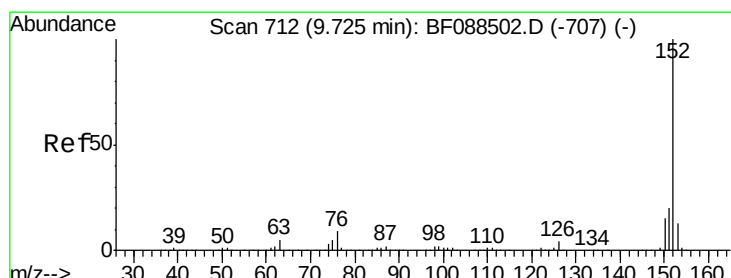
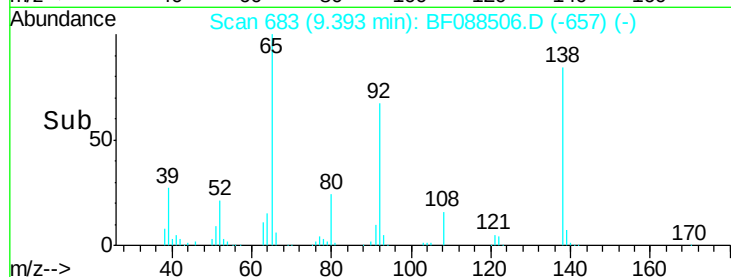
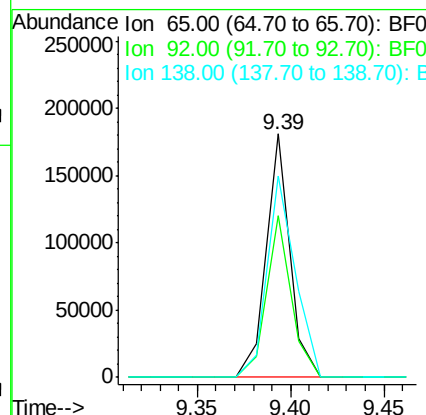
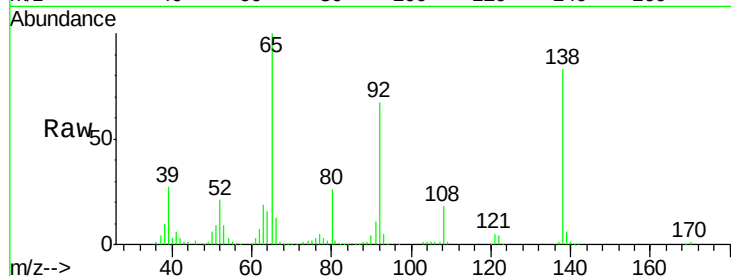
#47
2-Nitroaniline
Concen: 38.17 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.6	52.9	79.3
138	82.8	65.8	98.6

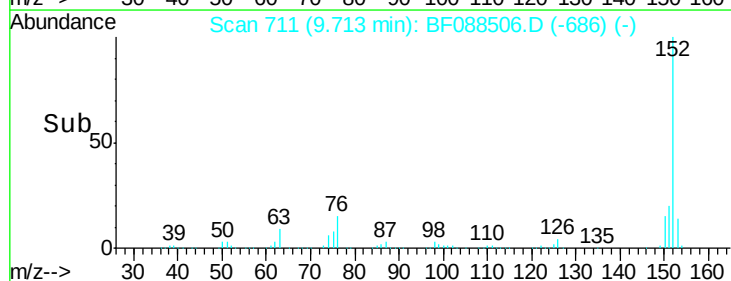
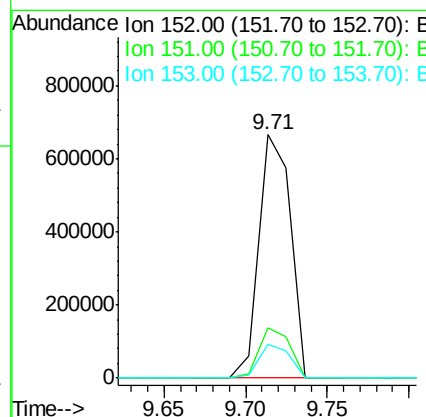
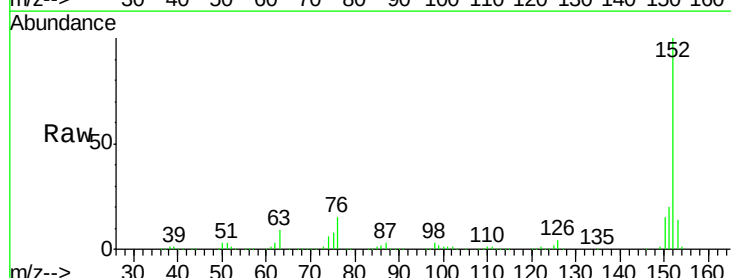
Manual Integrations

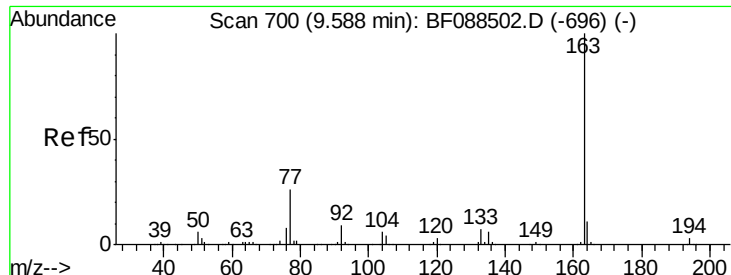
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#48
Acenaphthylene
Concen: 38.10 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.1	24.1
153	13.8	10.4	15.6





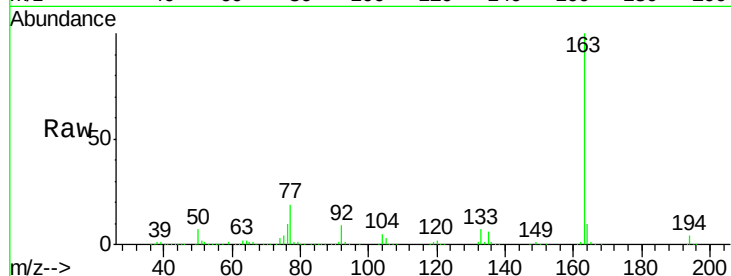
#49
Dimethylphthalate
Concen: 44.80 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

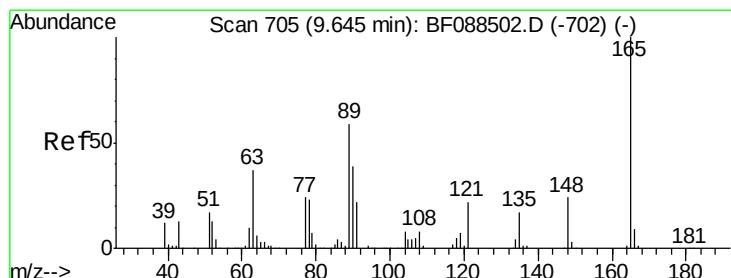
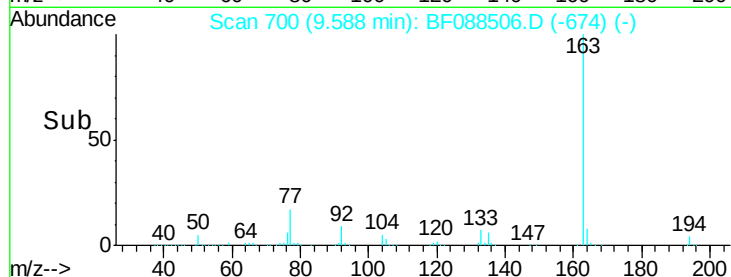
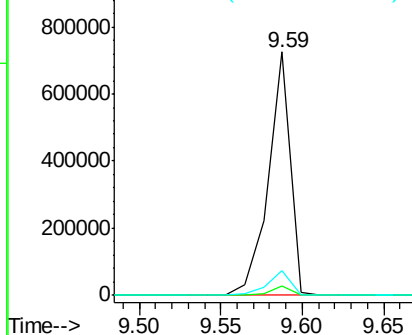
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.2	8.5	12.7

Manual Integrations

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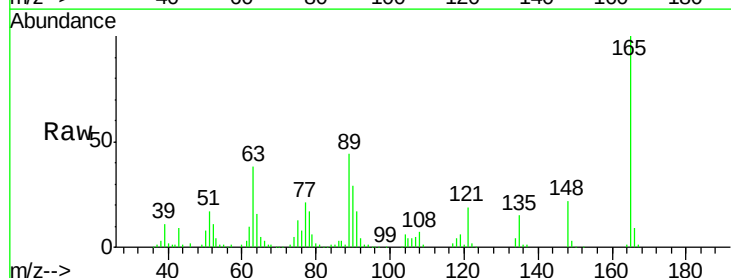


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

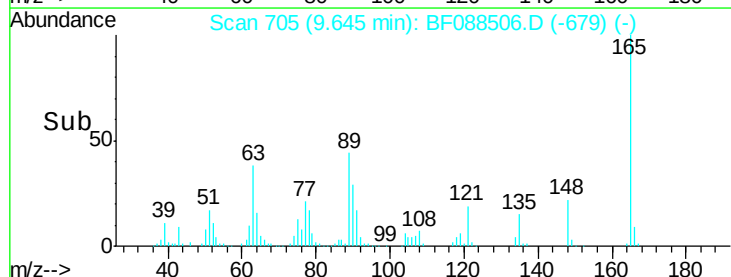
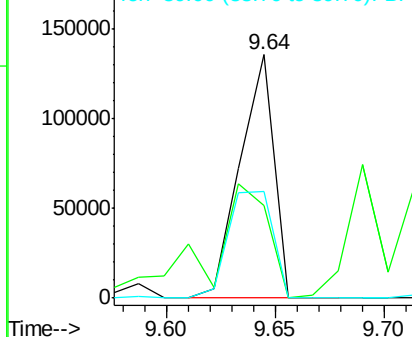


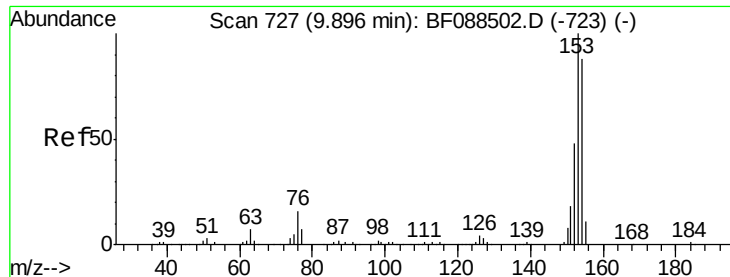
#50
2,6-Dinitrotoluene
Concen: 43.67 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.1	45.0	67.4#
89	43.6	47.8	71.6#



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





#51

Acenaphthene

Concen: 38.66 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

Tot Ion:154 Resp: 535887

Ion Ratio Lower Upper

154 100

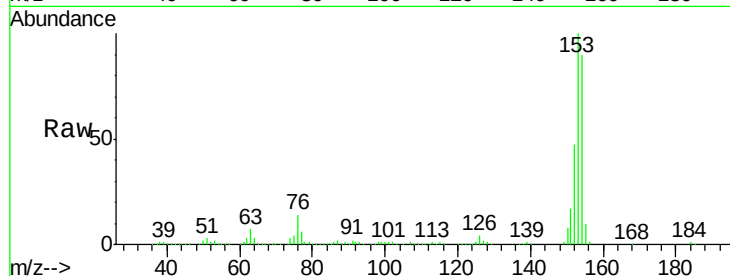
153 110.7 91.0 136.6

152 52.4 43.9 65.9

Manual Integrations

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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

400000

300000

200000

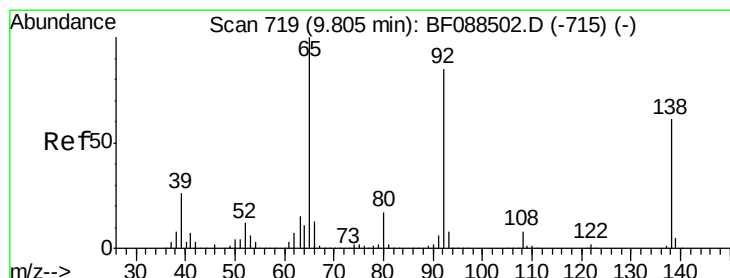
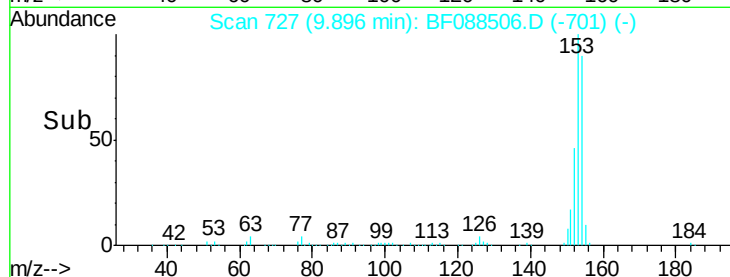
100000

0

9.80

9.90

Time-->



#52

3-Nitroaniline

Concen: 37.42 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

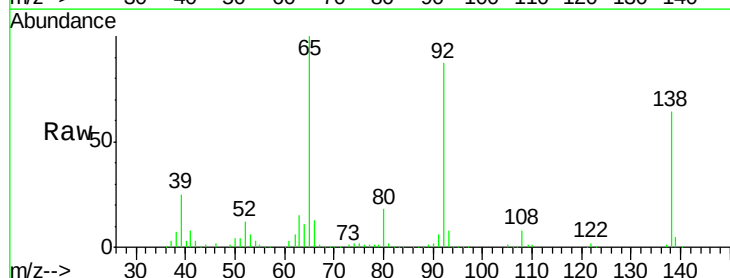
Tgt Ion:138 Resp: 142714

Ion Ratio Lower Upper

138 100

108 12.4 10.2 15.4

92 136.1 111.6 167.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

300000

250000

200000

150000

100000

50000

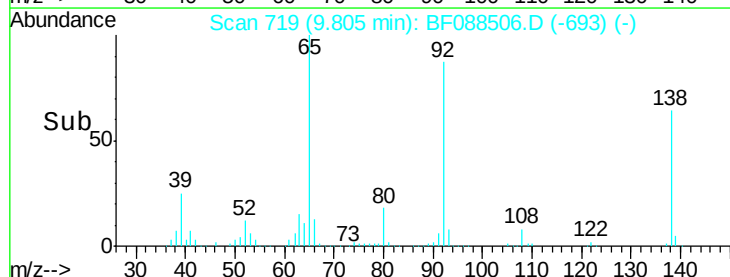
0

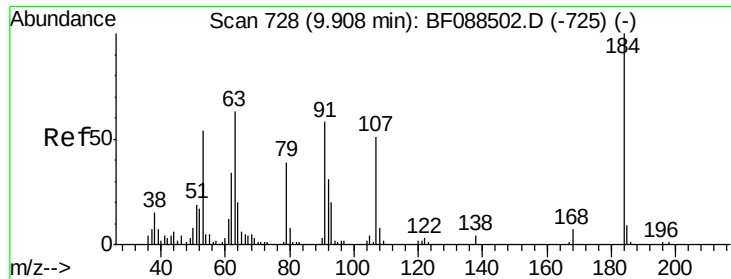
9.75

9.80

9.85

Time-->





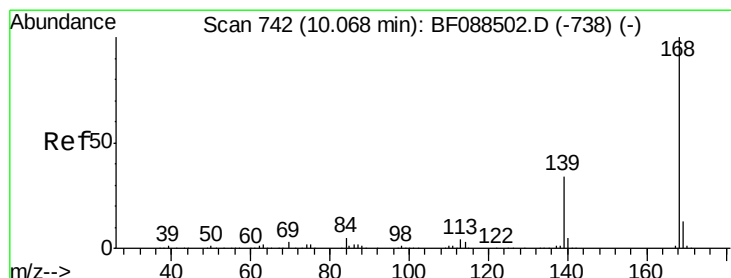
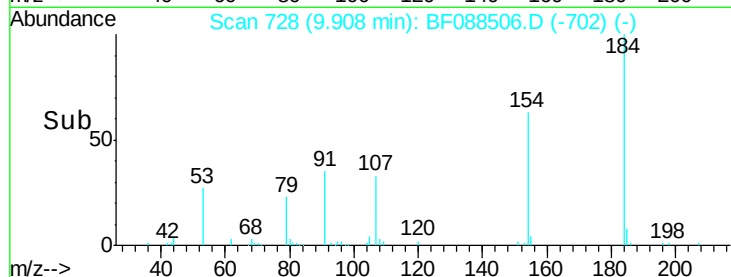
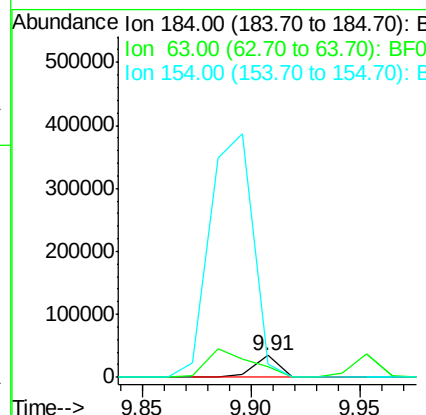
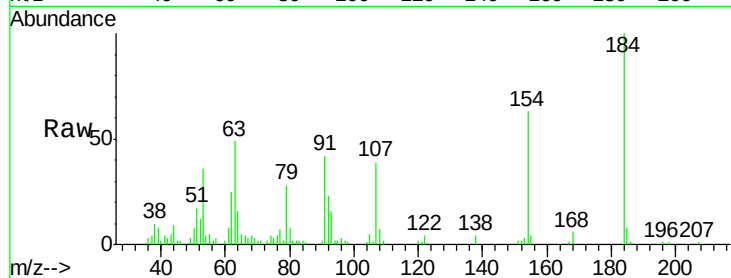
#53
 2,4-Dinitrophenol
 Concen: 52.74 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Tot Ion	Ratio	Lower	Upper
184	100		
63	49.5	60.0	90.0#
154	62.5	56.1	84.1

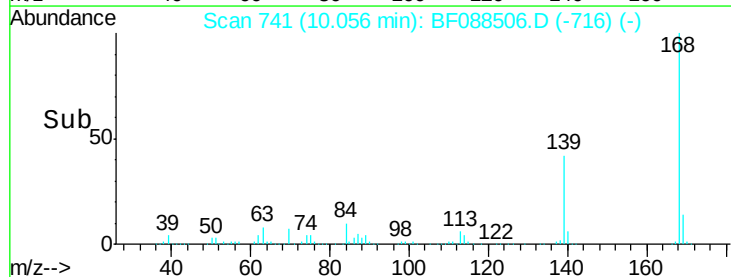
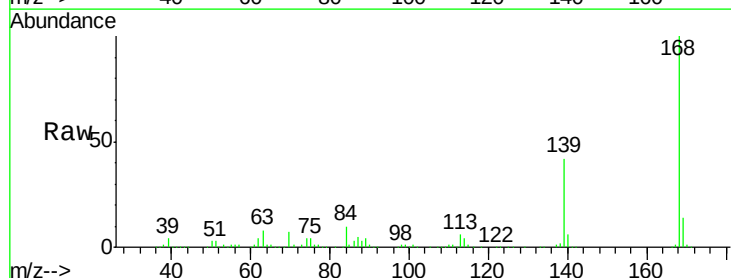
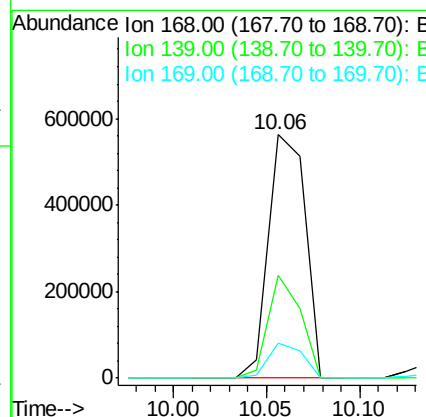
Manual Integrations

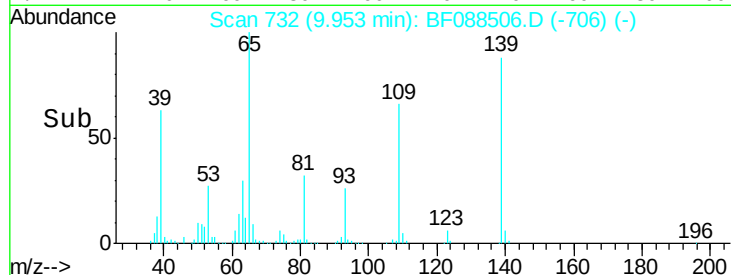
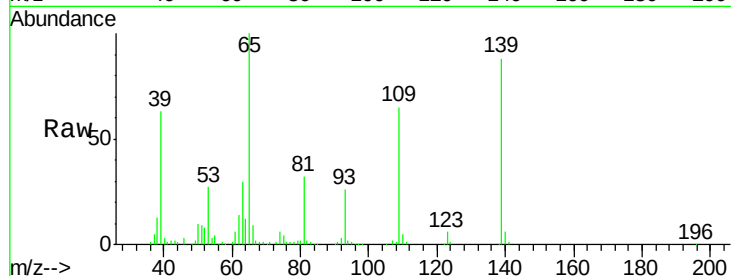
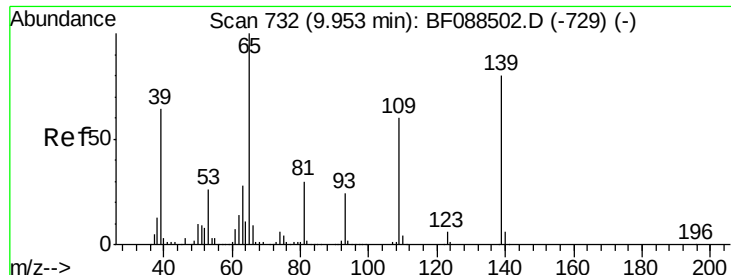
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#54
 Dibenzofuran
 Concen: 37.57 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.3	27.1	40.7#
169	14.2	10.6	16.0





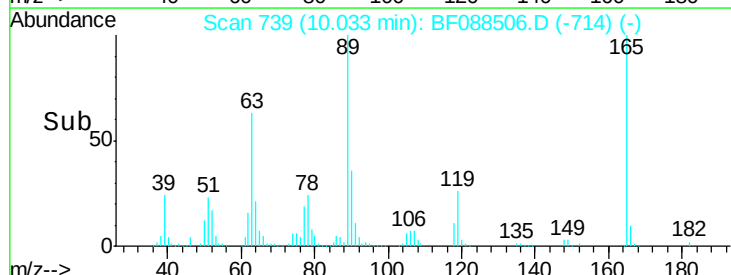
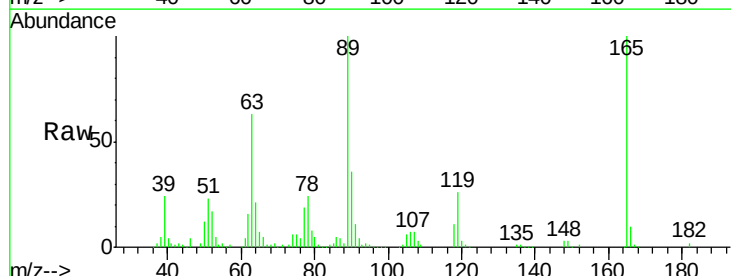
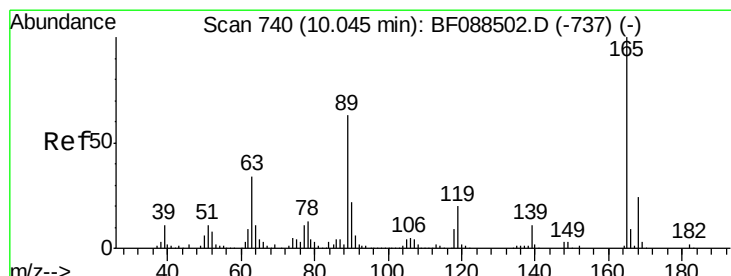
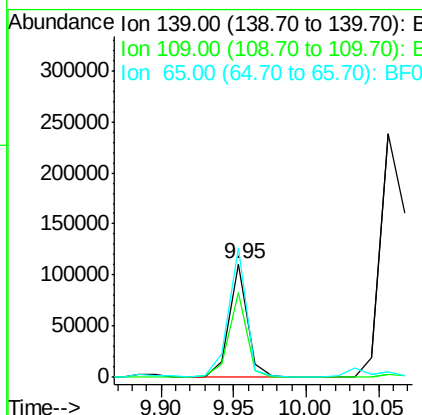
#55
4-Nitrophenol
Concen: 37.26 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tot Ion:139 Resp: 97316
Ion Ratio Lower Upper
139 100
109 74.5 56.1 96.1
65 113.8 105.9 145.9

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

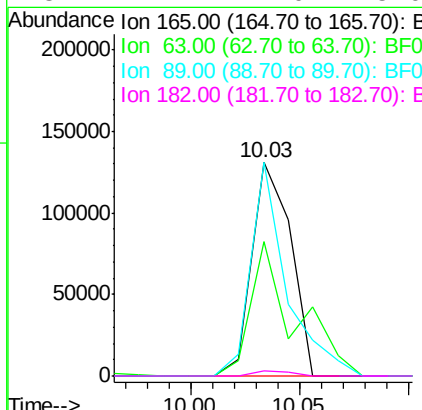
Manual Integrations

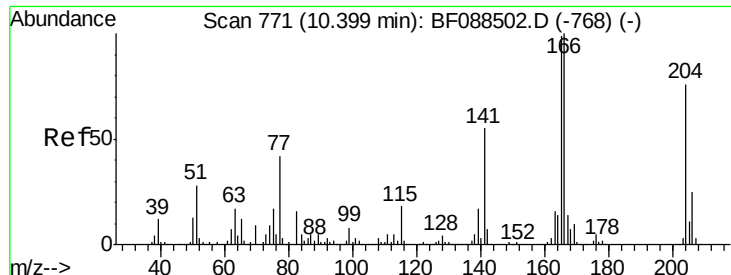
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#56
2,4-Dinitrotoluene
Concen: 38.69 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion:165 Resp: 162243
Ion Ratio Lower Upper
165 100
63 62.9 27.3 40.9#
89 100.1 50.4 75.6#
182 2.1 2.0 3.0





#57

Fluorene

Concen: 37.38 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

Tot Ion:166 Resp: 502631

Ion Ratio Lower Upper

166 100

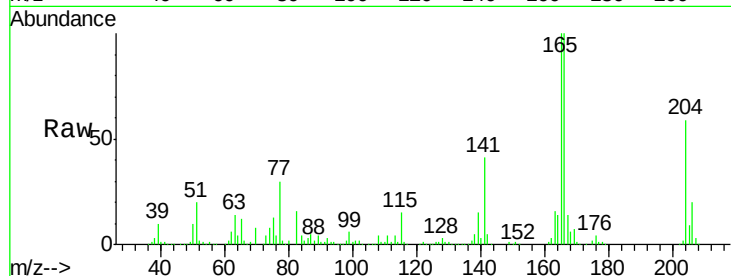
165 99.6 79.0 118.6

167 13.9 11.3 16.9

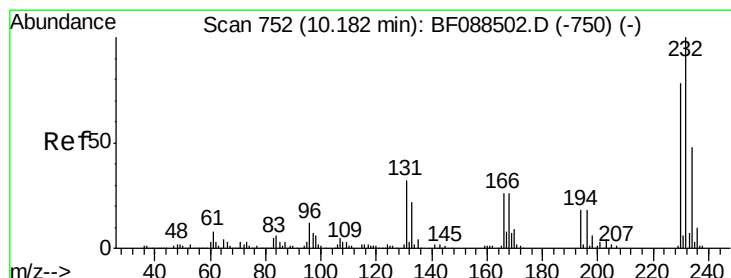
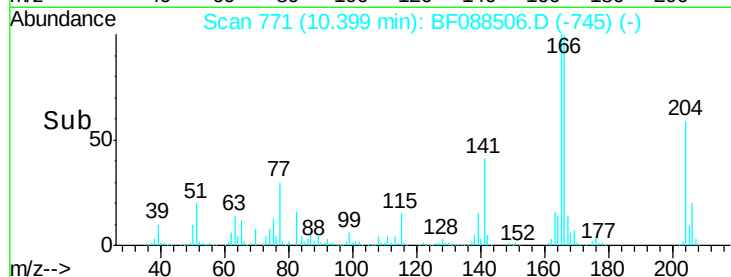
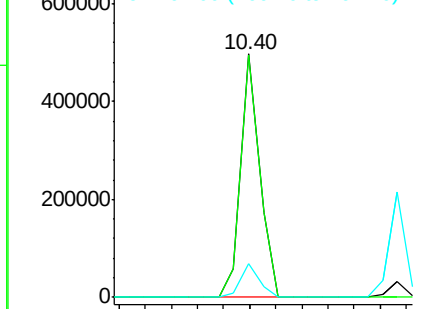
Manual Integrations

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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: 36.80 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Tgt Ion:232 Resp: 123138

Ion Ratio Lower Upper

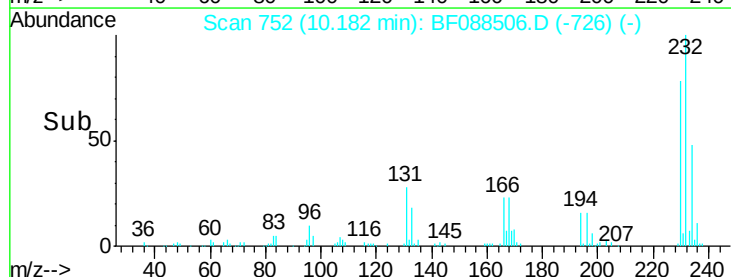
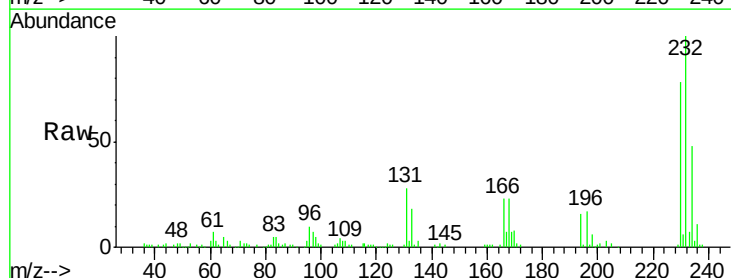
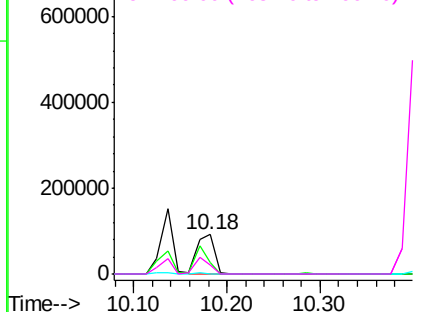
232 100

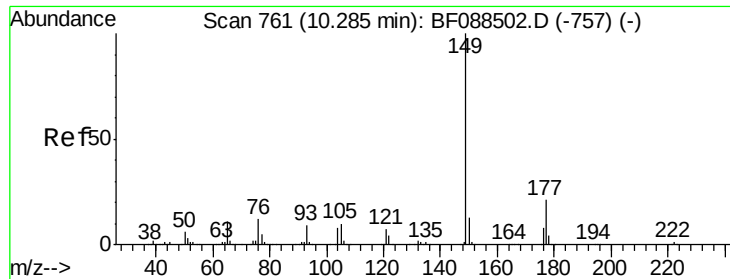
131 54.2 40.1 60.1

130 2.6 2.2 3.4

166 34.5 24.4 36.6

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





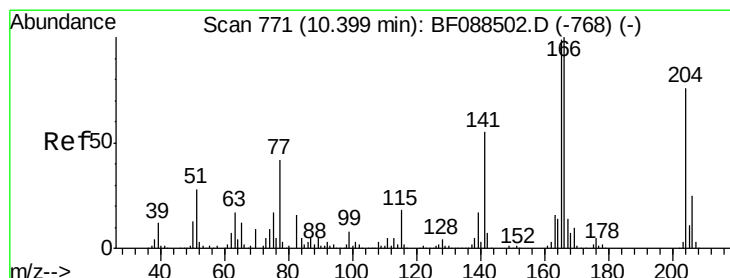
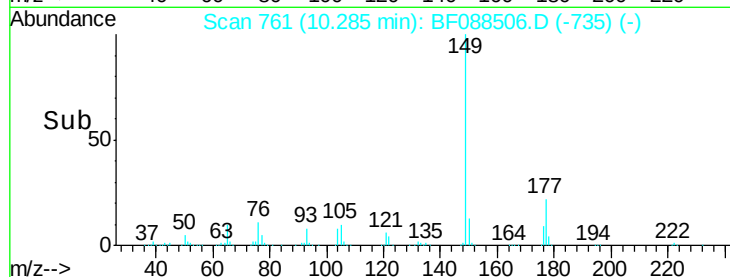
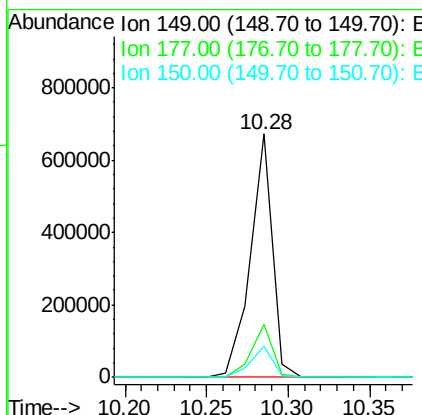
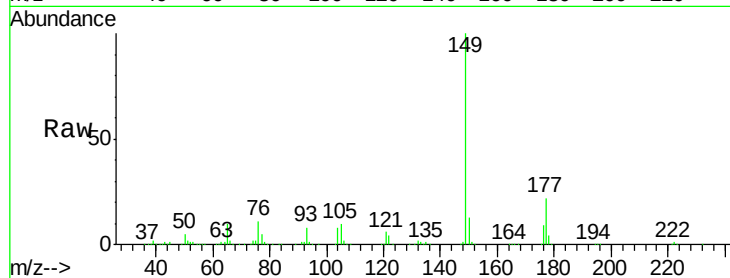
#59
Diethylphthalate
Concen: 39.41 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.8	25.2
150	12.7	10.3	15.5

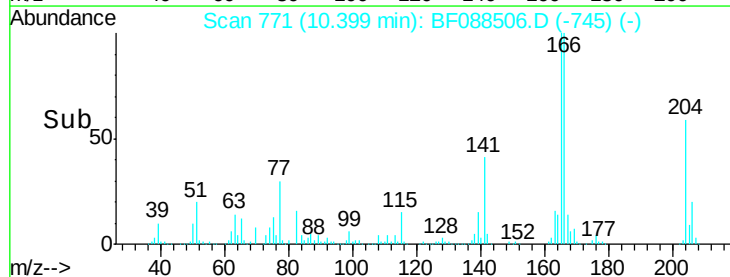
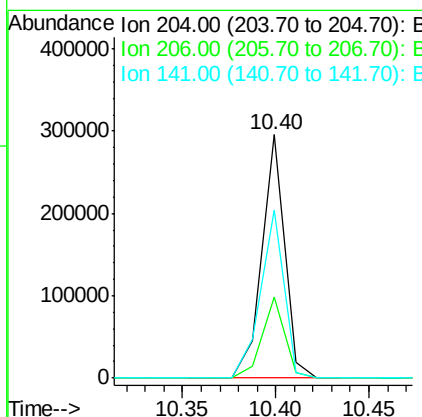
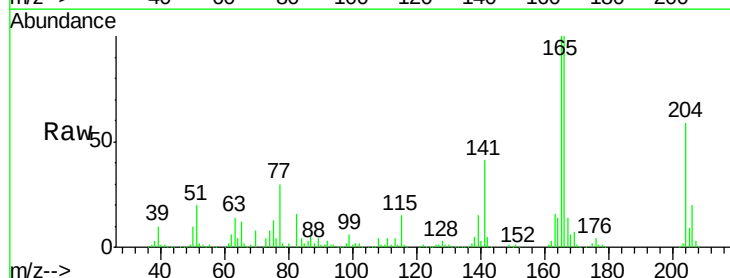
Manual Integrations

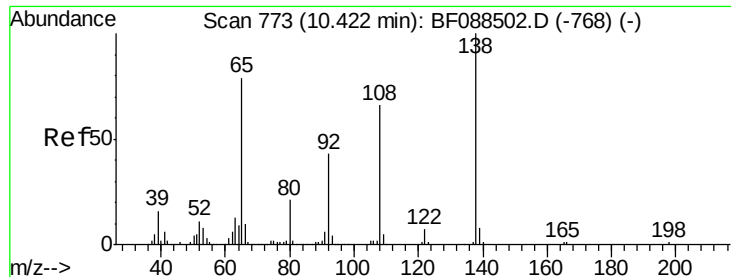
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 40.29 ng
RT: 10.40 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.4
141	69.2	58.4	87.6





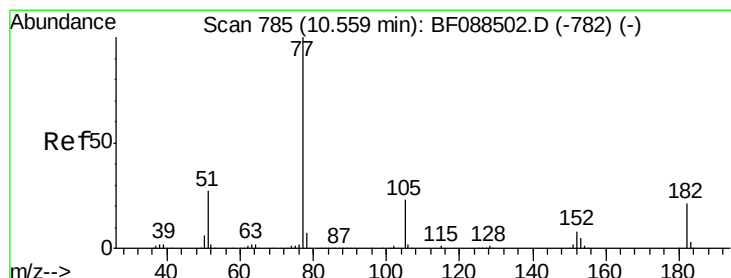
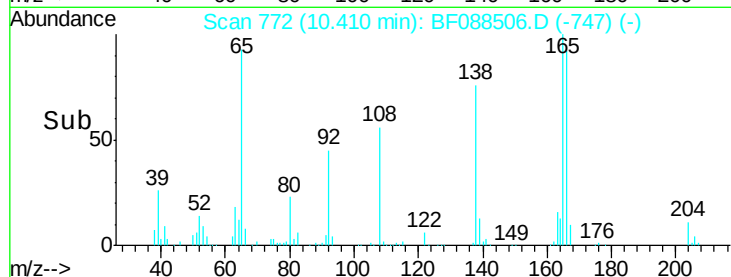
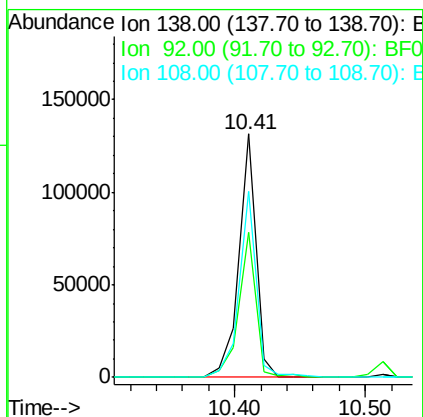
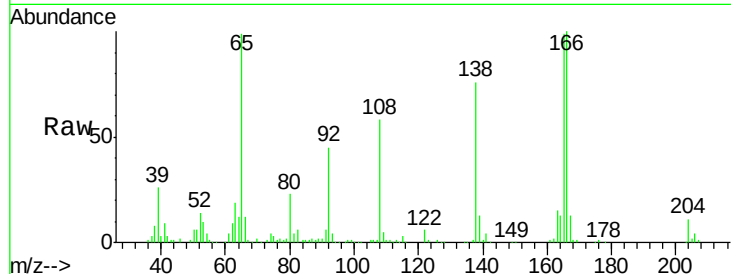
#61
4-Nitroaniline
Concen: 37.08 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.5	23.4	63.4
108	76.5	45.9	85.9

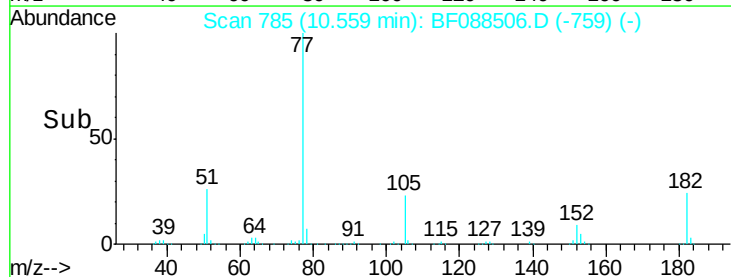
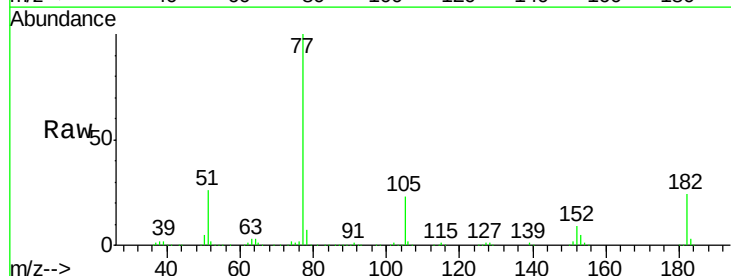
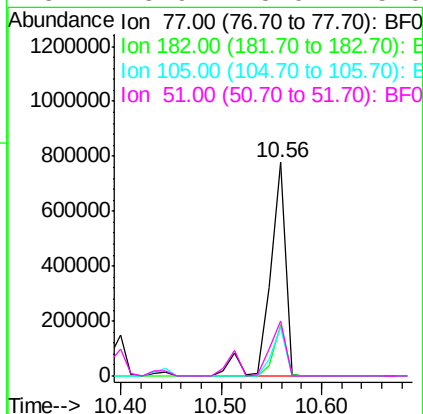
Manual Integrations

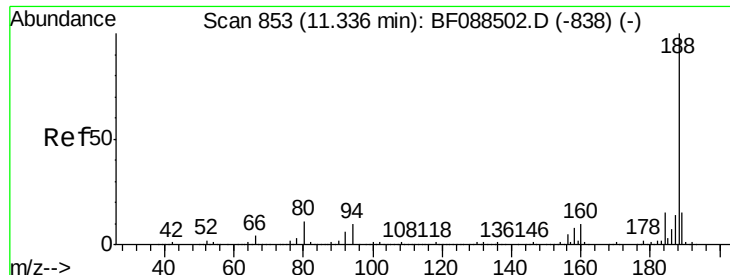
sohil
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#62
Azobenzene
Concen: 40.46 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	0.6	40.6
105	23.1	2.3	42.3
51	25.9	8.0	48.0





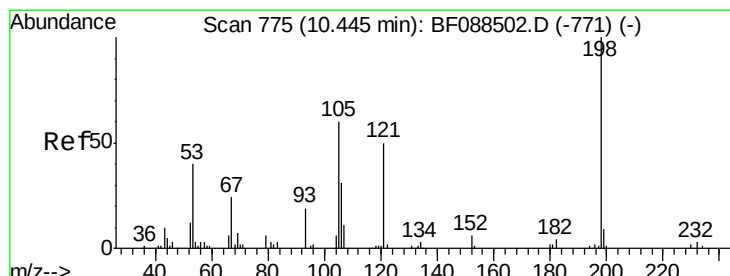
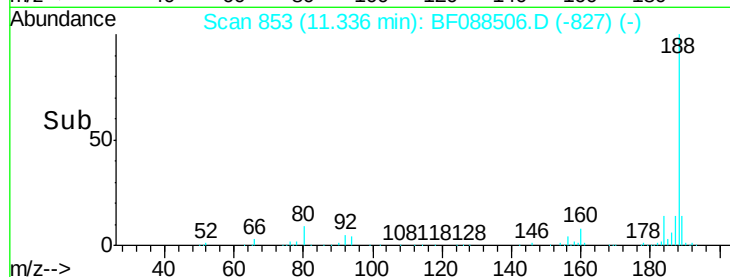
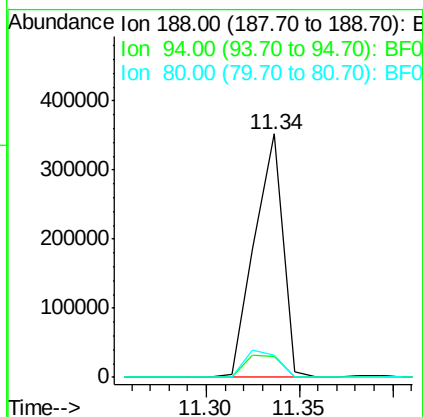
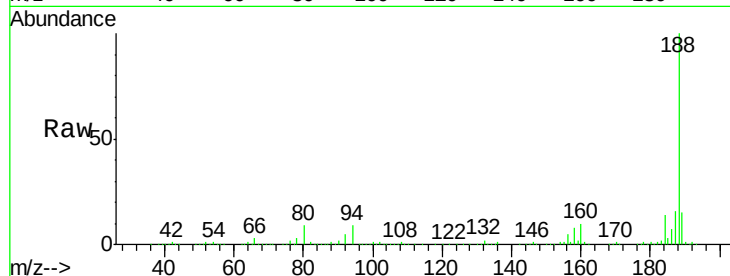
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tot Ion	Ratio	Resp	Lower	Upper
188	100	376984		
94	8.7		7.8	11.8
80	9.2		8.7	13.1

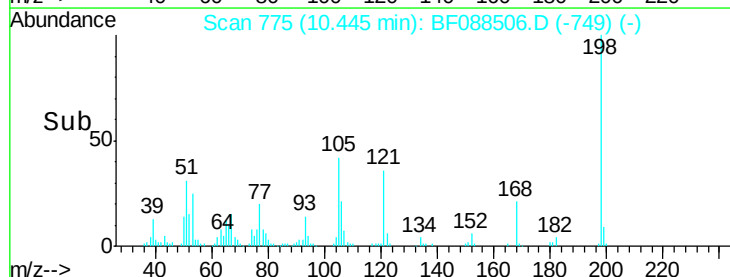
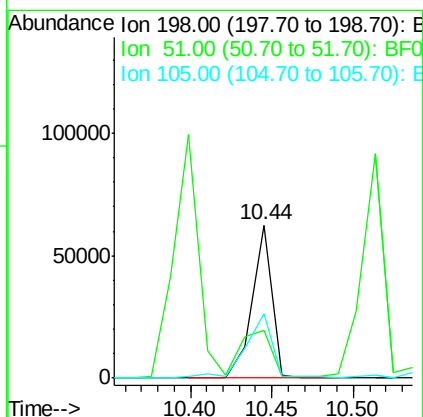
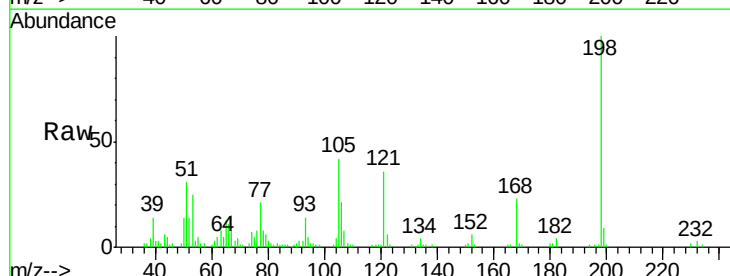
Manual Integrations

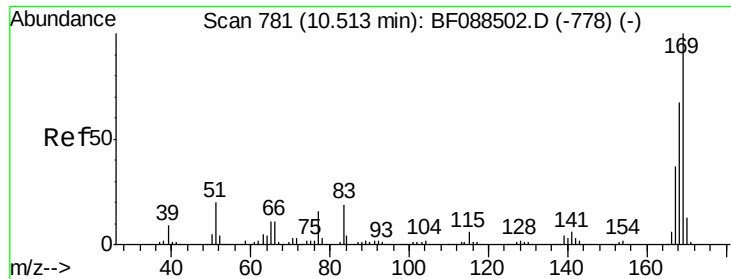
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.27 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	53112		
51	31.2		42.4	82.4#
105	42.0		41.2	81.2





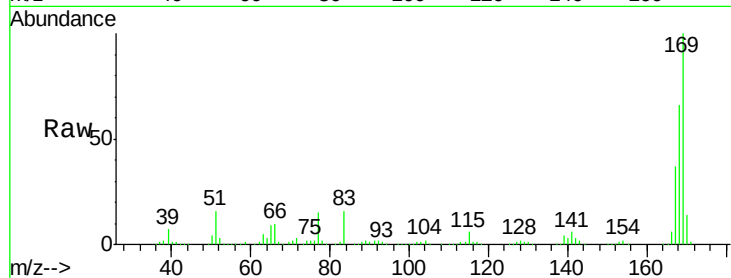
#65
n-Nitrosodiphenylamine
Concen: 37.02 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

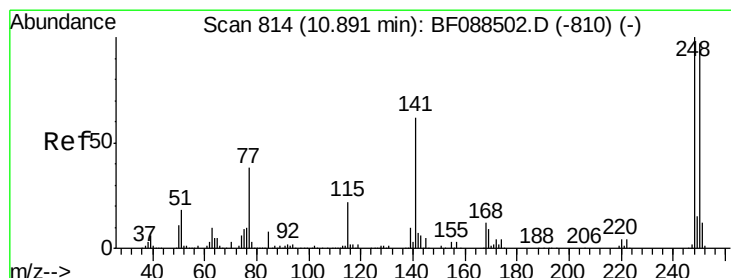
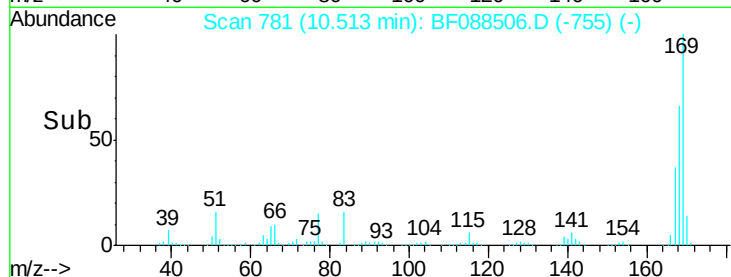
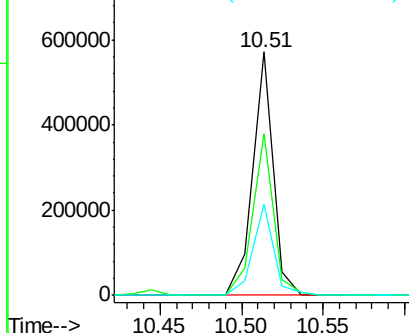
Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		499711		
168	66.5	53.3	79.9		
167	37.4	29.7	44.5		

Manual Integrations

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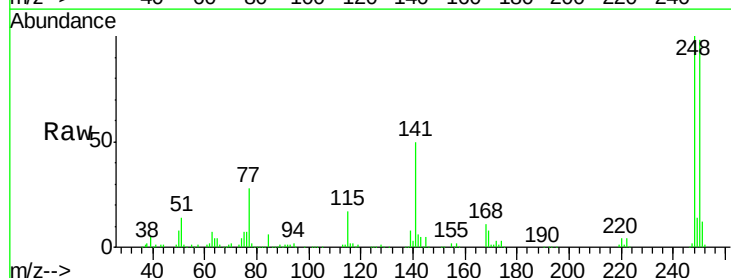


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

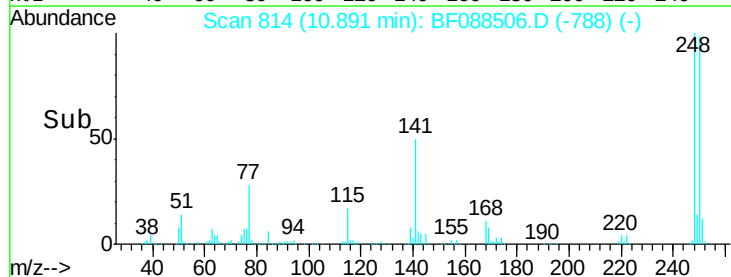
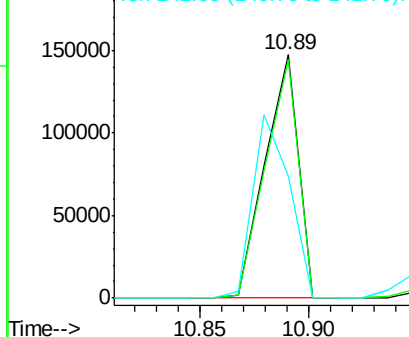


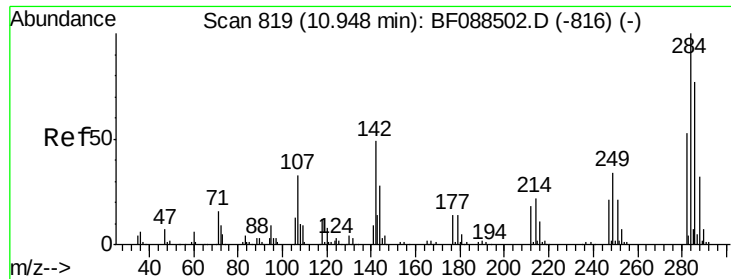
#66
4-Bromophenyl-phenylether
Concen: 38.73 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		157940		
250	98.1	77.7	116.5		
141	50.2	49.2	73.8		



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: 39.25 ng

RT: 10.95 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampled :

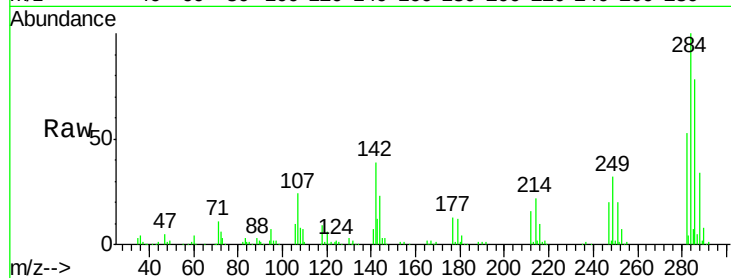
ICVBF062916

Tot Ion:	284	Resp:	162751
Ion Ratio	Lower	Upper	
284	100		
142	38.9	39.0	58.4#
249	32.5	27.0	40.4

Manual Integrations

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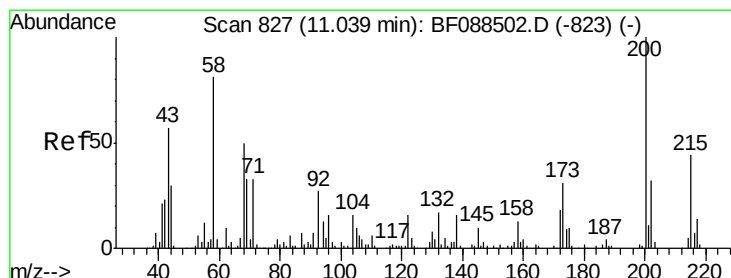
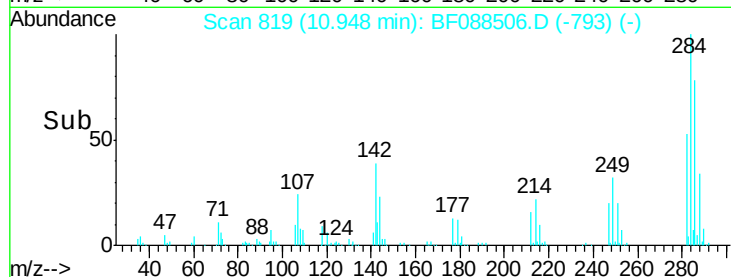
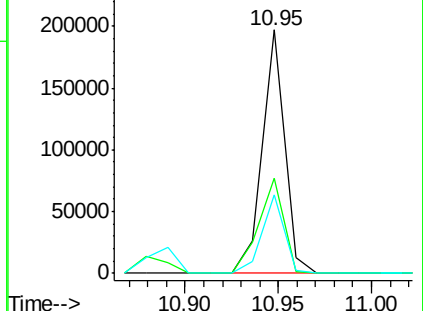
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.30 ng

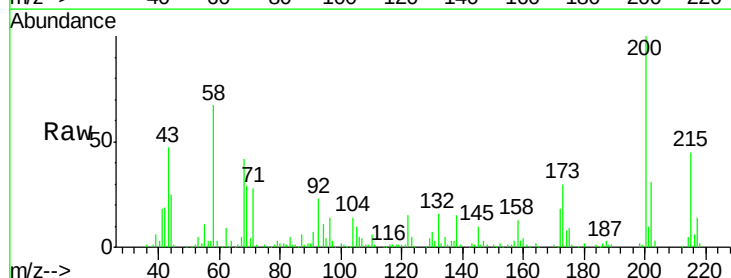
RT: 11.04 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

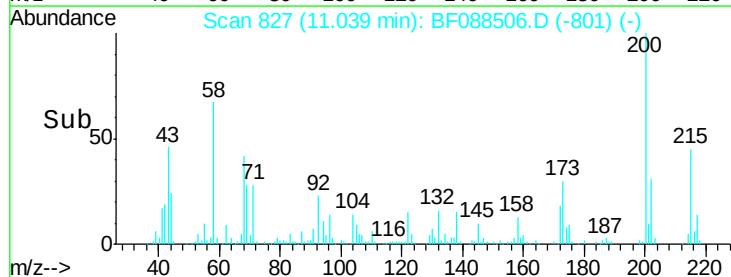
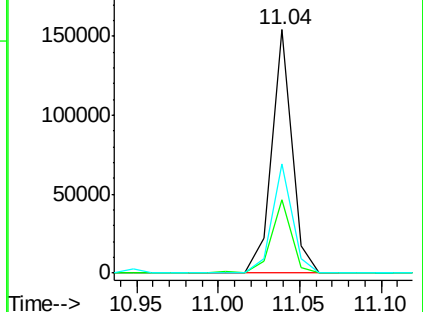
Tgt Ion:	200	Resp:	133785
Ion Ratio	Lower	Upper	
200	100		
173	30.0	11.0	51.0
215	44.7	24.1	64.1

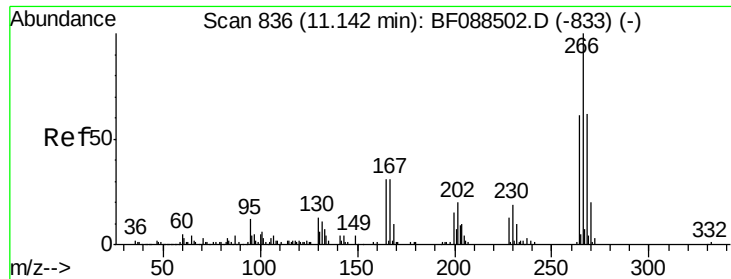


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





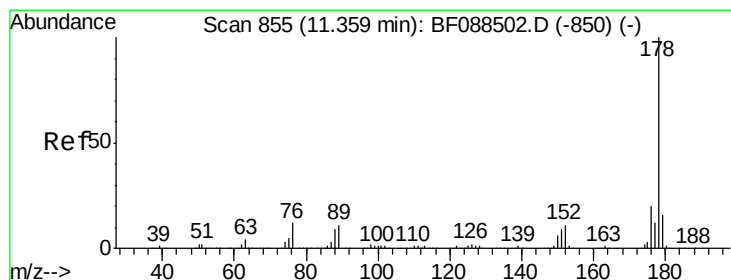
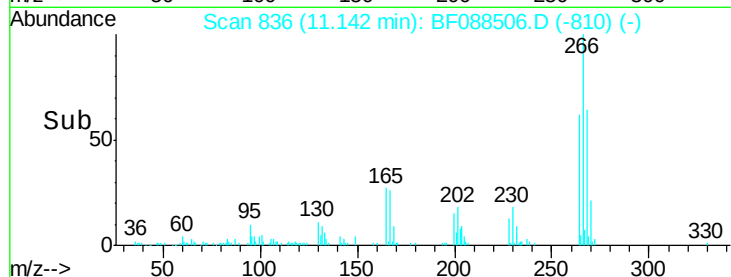
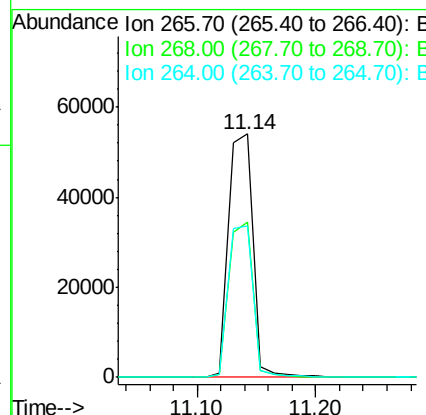
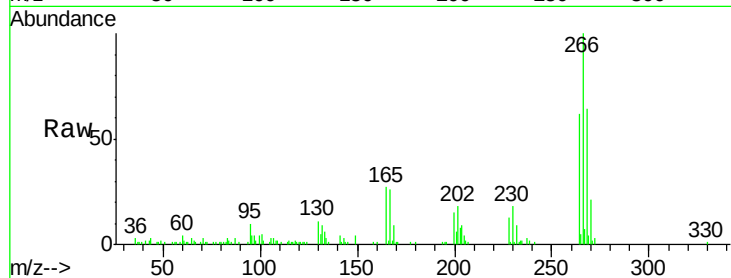
#69
 Pentachlorophenol
 Concen: 37.34 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	49.4	74.2
264	62.1	49.0	73.4

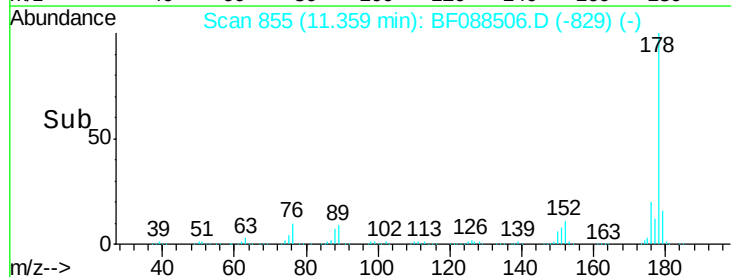
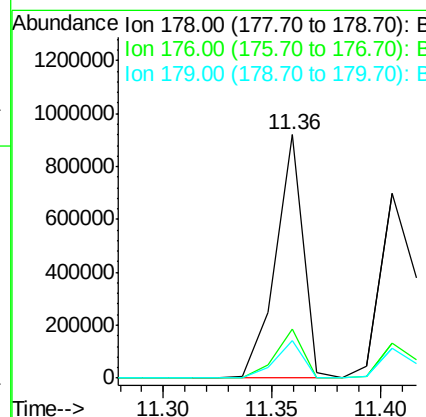
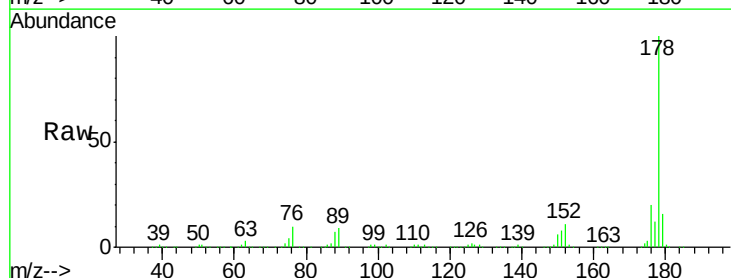
Manual Integrations

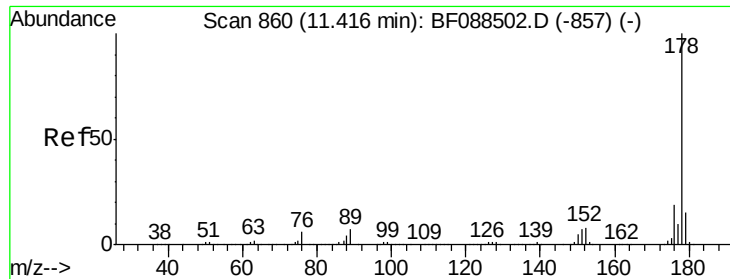
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#70
 Phenanthrene
 Concen: 42.94 ng
 RT: 11.36 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.1	24.1
179	15.6	12.8	19.2





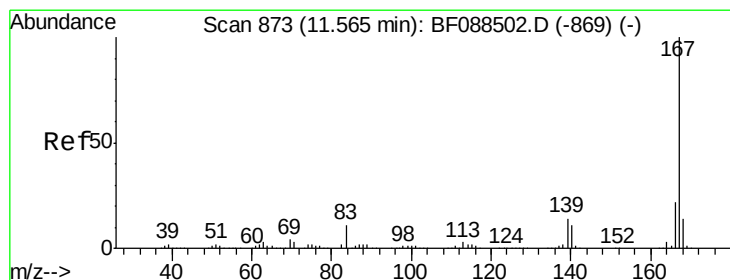
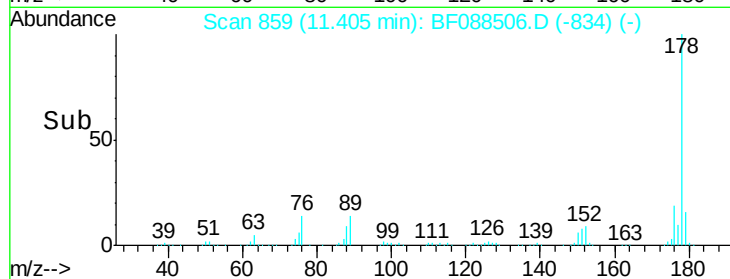
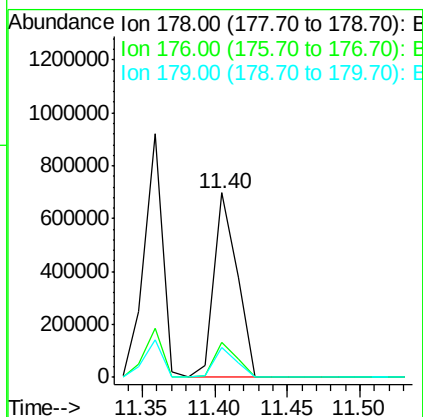
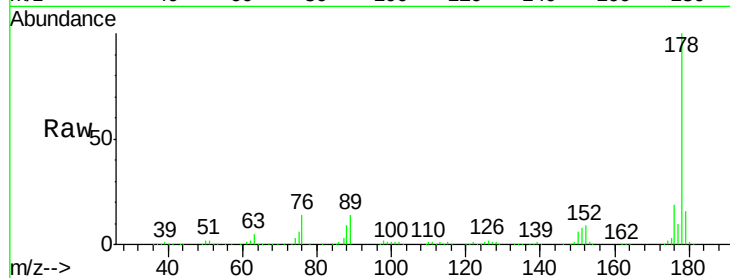
#71
 Anthracene
 Concen: 37.31 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	16.0	12.3	18.5

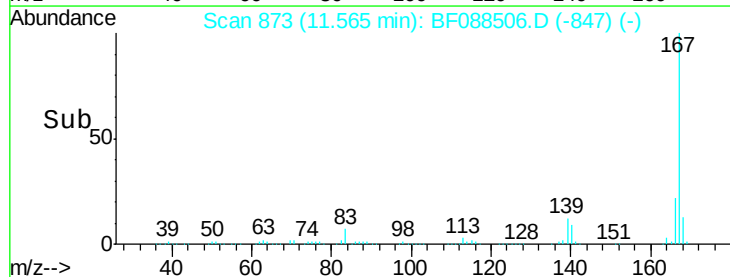
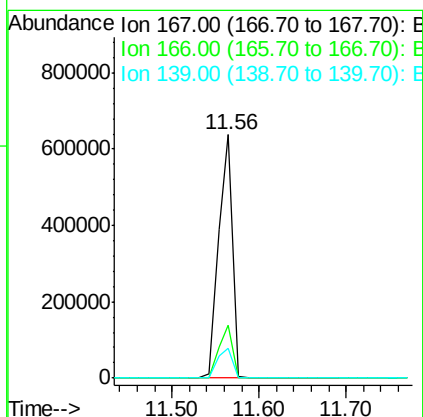
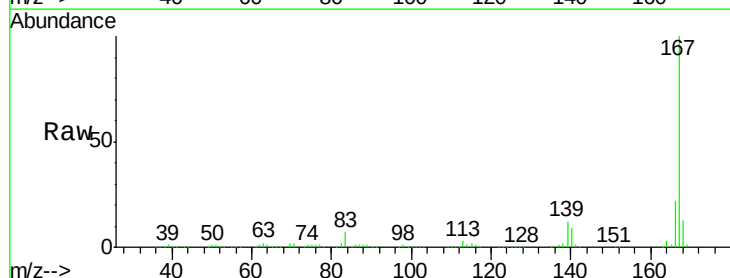
Manual Integrations

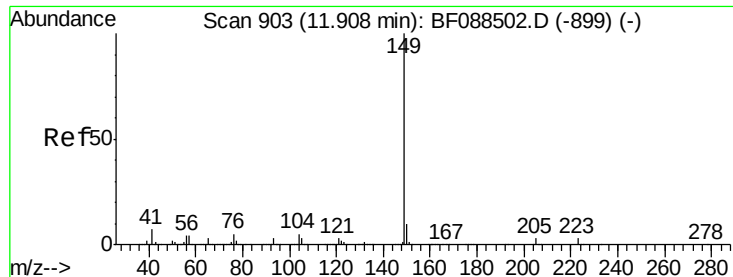
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#72
 Carbazole
 Concen: 40.77 ng
 RT: 11.56 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	12.2	11.2	16.8





#73

Di-n-butylphthalate

Concen: 39.88 ng

RT: 11.91 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

Tot Ion:149 Resp: 901301

Ion Ratio Lower Upper

149 100

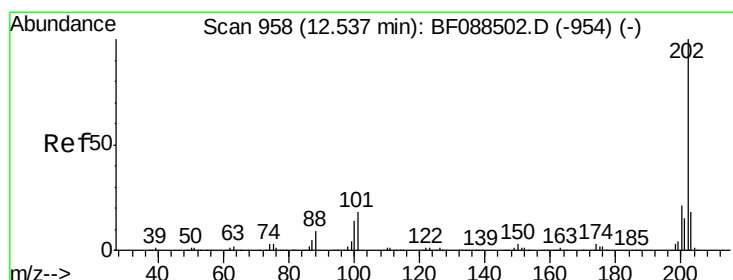
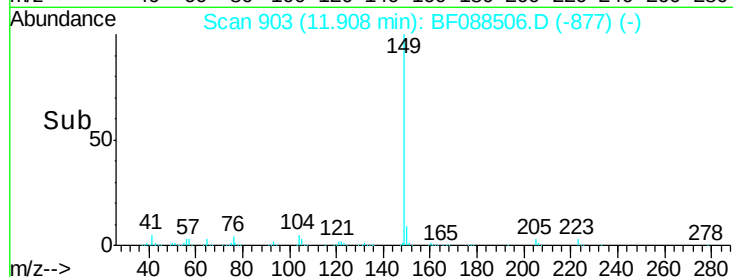
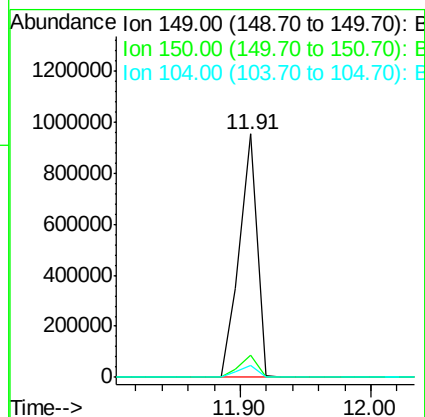
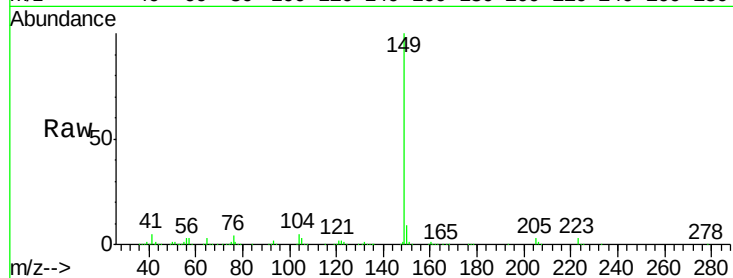
150 9.3 7.7 11.5

104 4.7 4.4 6.6

Manual Integrations

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#74

Fluoranthene

Concen: 37.03 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

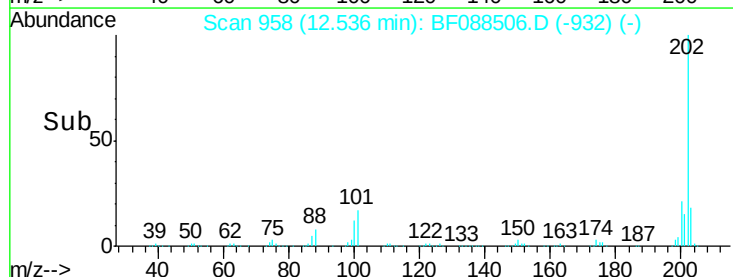
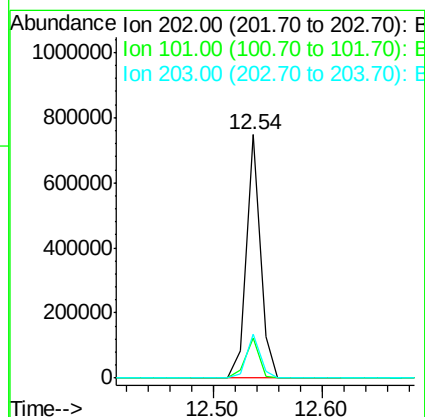
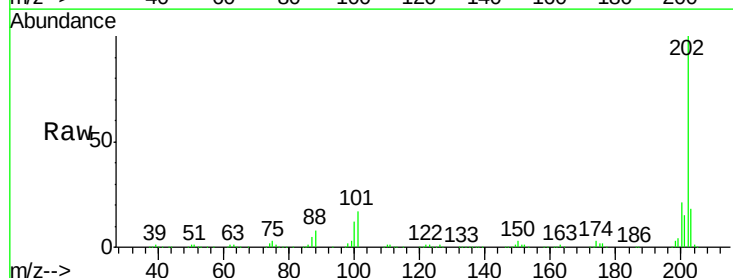
Tgt Ion:202 Resp: 659813

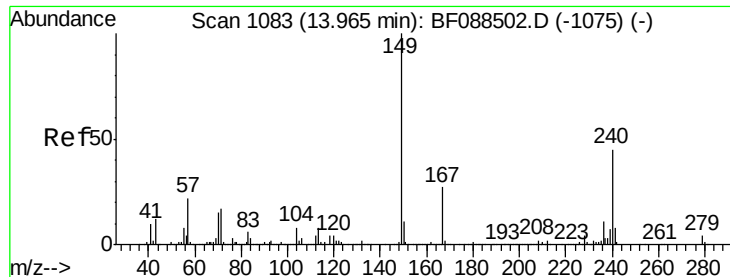
Ion Ratio Lower Upper

202 100

101 16.6 0.0 38.1

203 18.1 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

Tot Ion:240 Resp: 210944

Ion Ratio Lower Upper

240 100

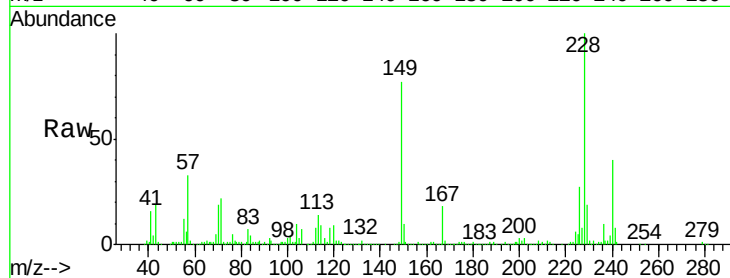
120 21.8 7.1 10.7#

236 26.1 20.3 30.5

Manual Integrations

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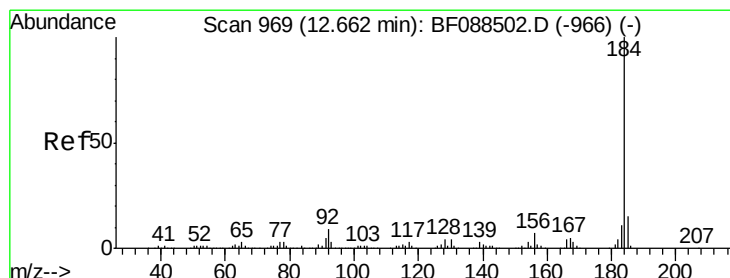
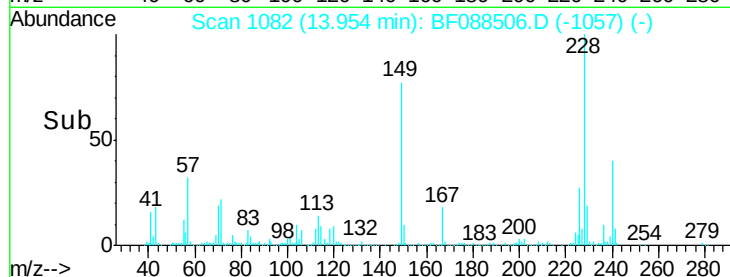
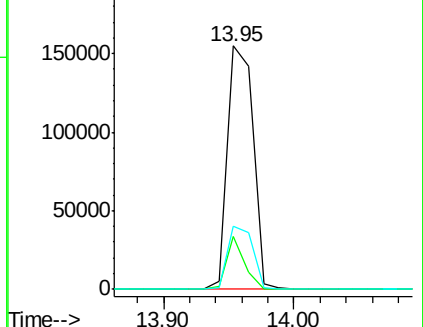
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.90 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

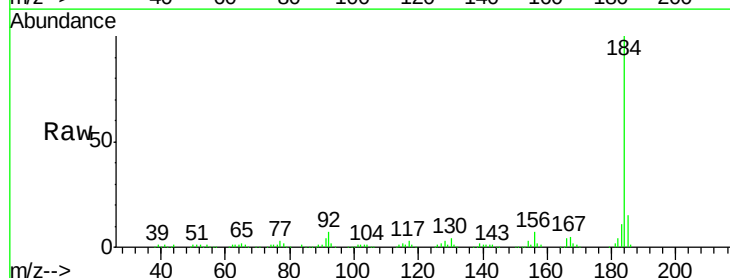
Tgt Ion:184 Resp: 235802

Ion Ratio Lower Upper

184 100

185 14.9 11.7 17.5

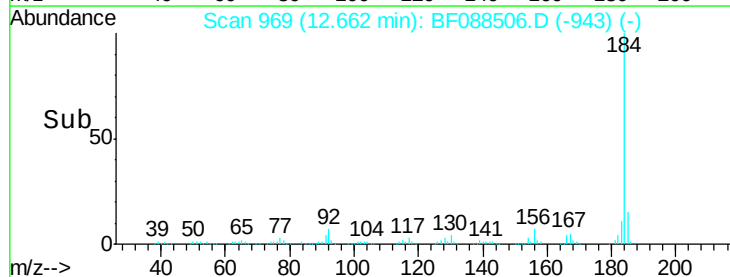
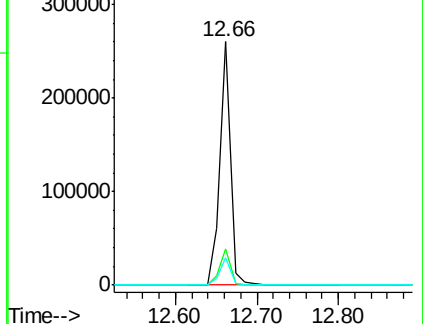
183 11.3 9.1 13.7

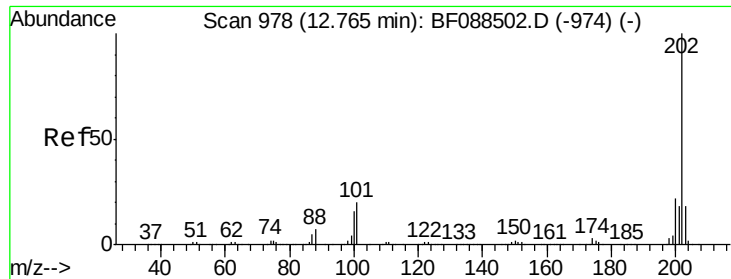


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.23 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

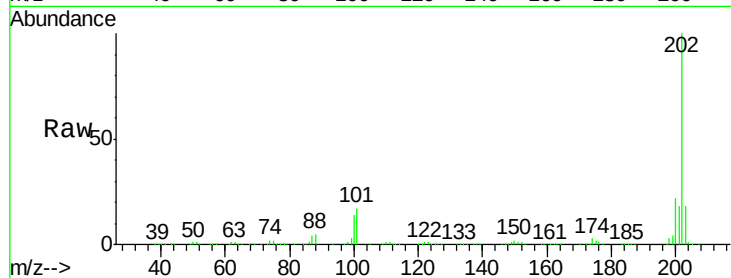
ICVBF062916

Tot Ion:	202	Resp:	695549
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.5	26.3
203	17.7	14.7	22.1

Manual Integrations

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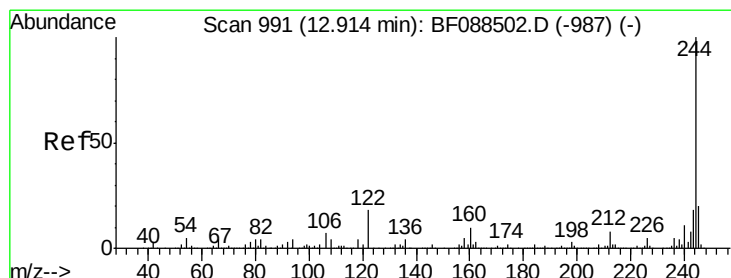
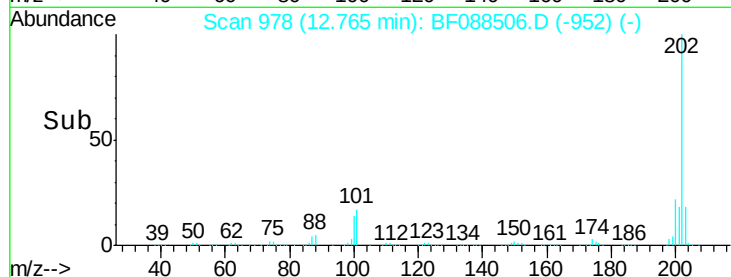
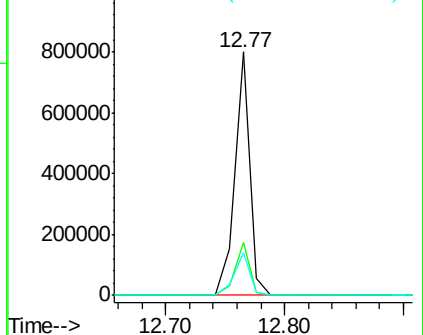
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 63.83 ng

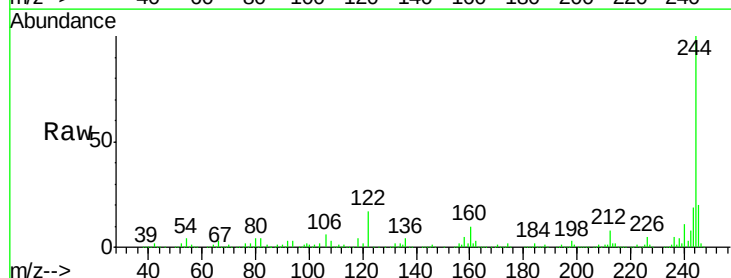
RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

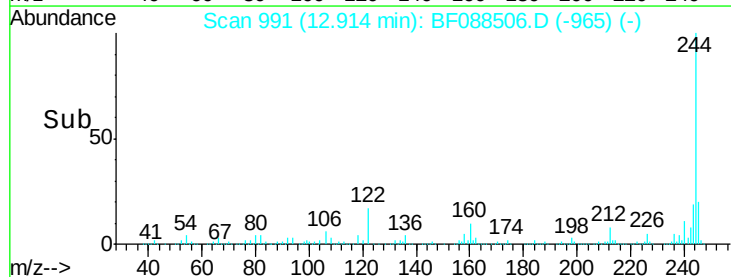
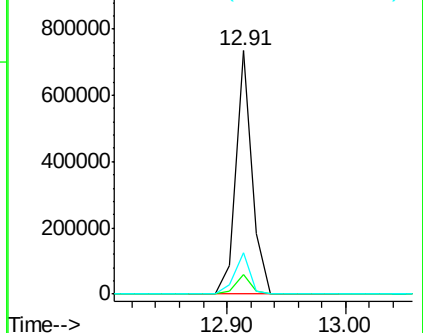
Tgt Ion:	244	Resp:	691704
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.5	9.7
122	17.1	14.8	22.2

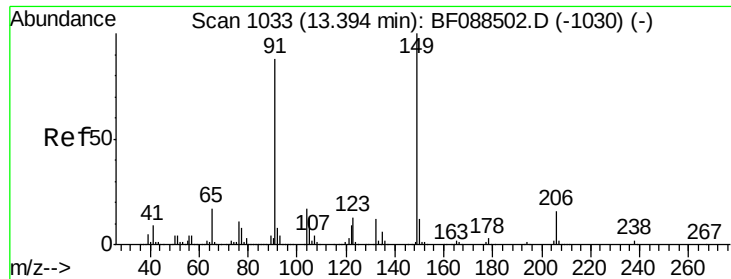


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





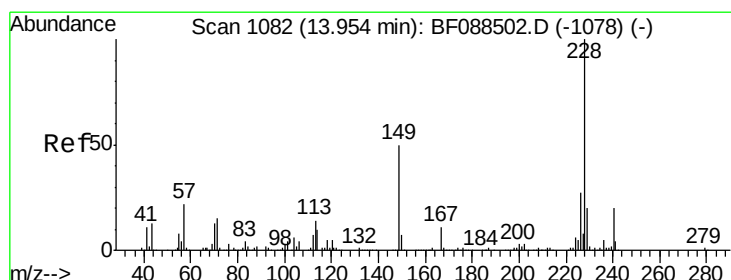
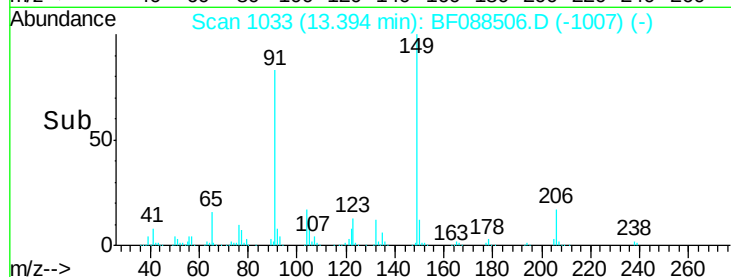
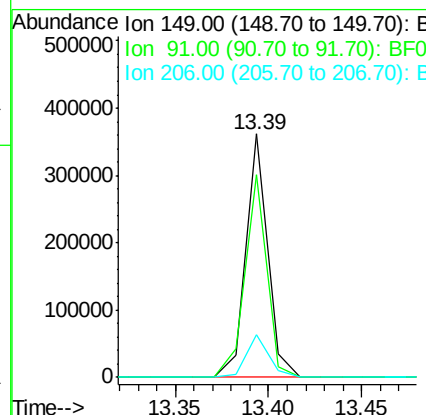
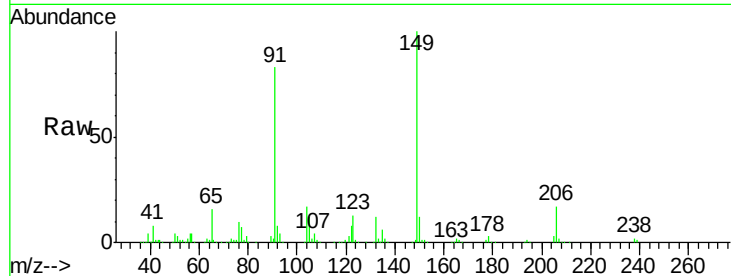
#79
Butylbenzylphthalate
Concen: 38.82 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		294629		
91	83.2	70.6	106.0		
206	17.3	12.7	19.1		

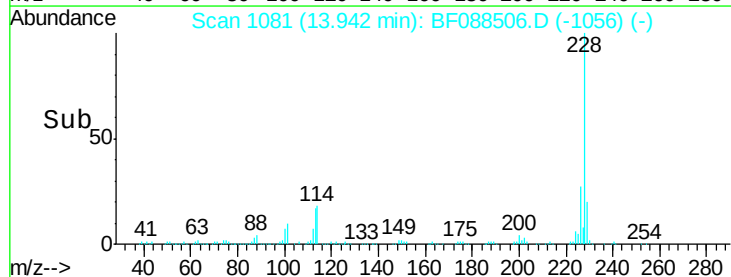
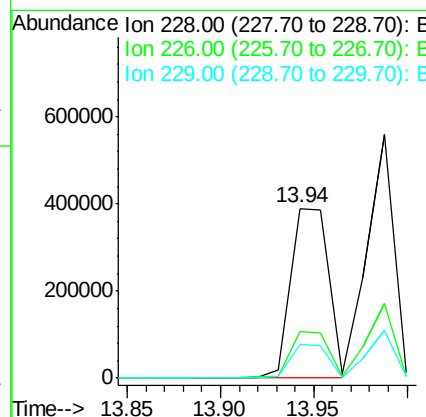
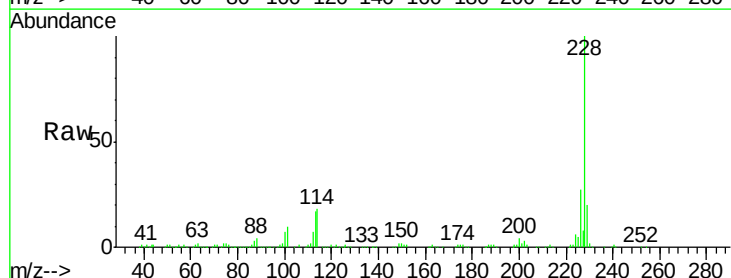
Manual Integrations

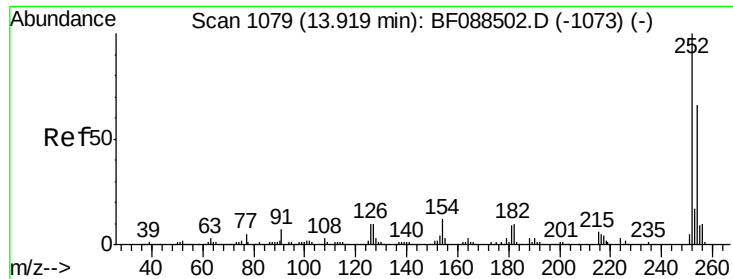
sohil
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#80
Benzo(a)anthracene
Concen: 38.81 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		552671		
226	27.2	22.0	33.0		
229	19.8	15.8	23.6		





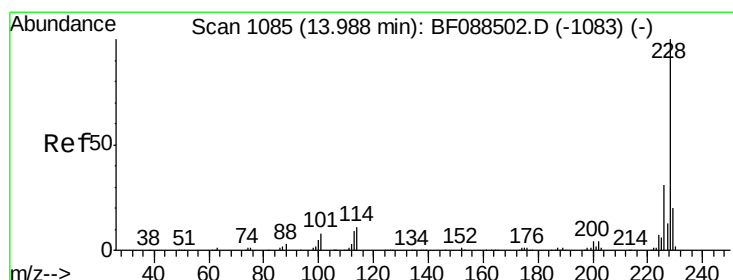
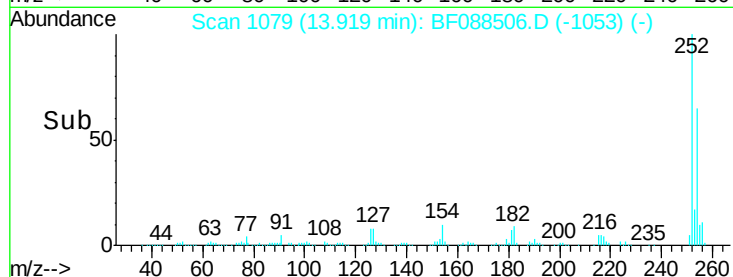
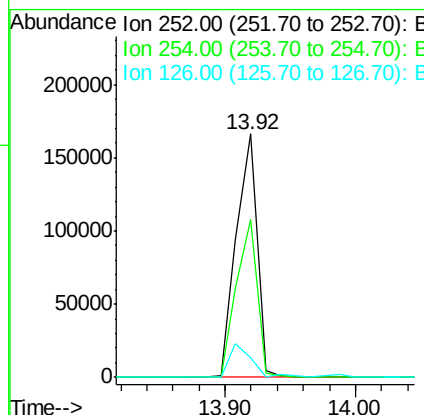
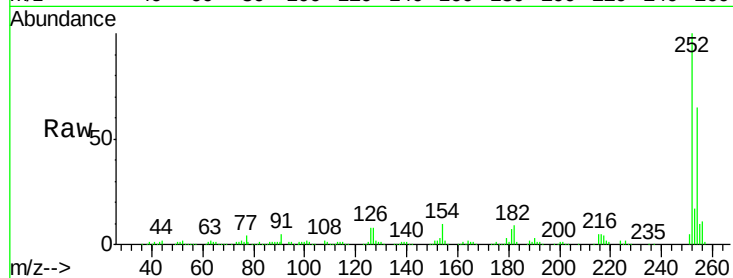
#81
 3,3'-Dichlorobenzidine
 Concen: 39.04 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Tot Ion	Ratio	Resp	Lower	Upper
252	100	183912		
254	64.6	52.6	78.8	
126	8.1	8.2	12.4	

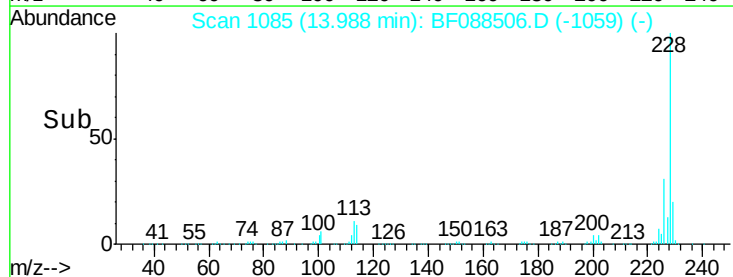
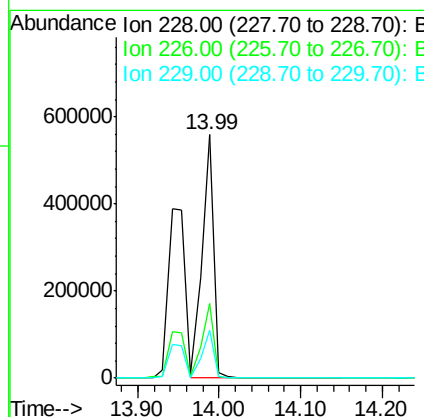
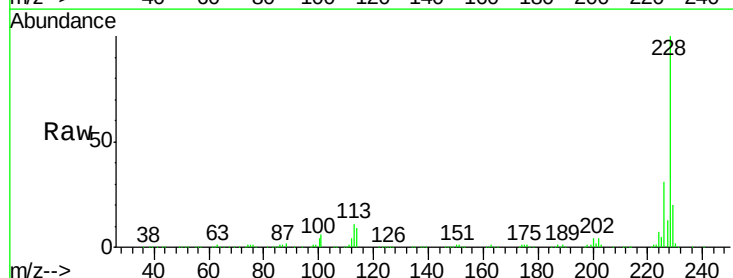
Manual Integrations

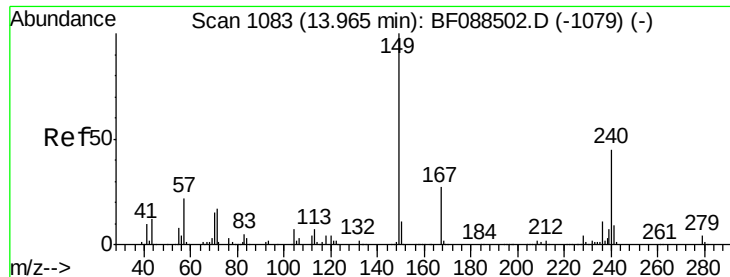
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#82
 Chrysene
 Concen: 42.14 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	556963		
226	30.6	25.1	37.7	
229	19.8	16.0	24.0	





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.58 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

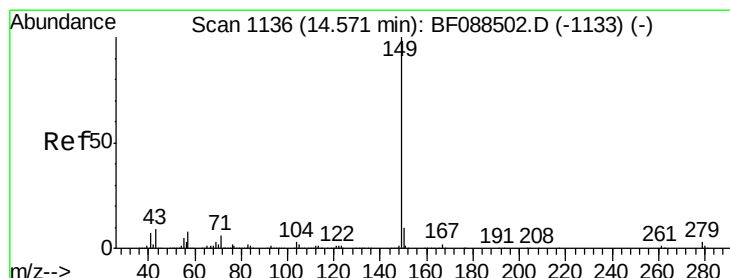
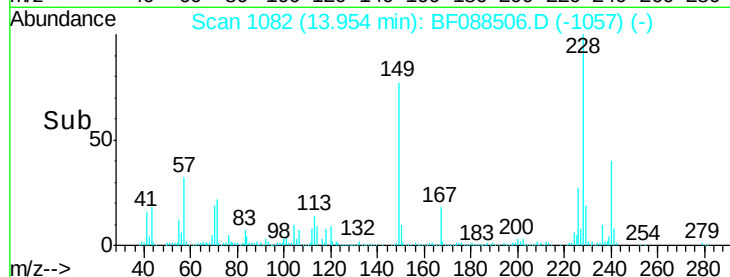
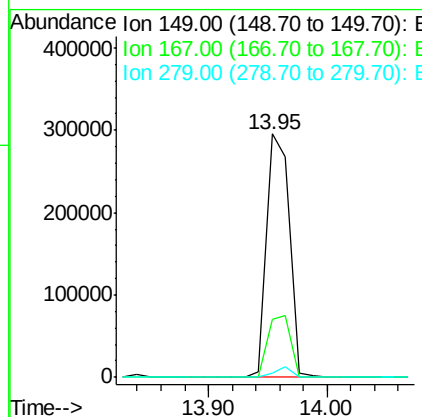
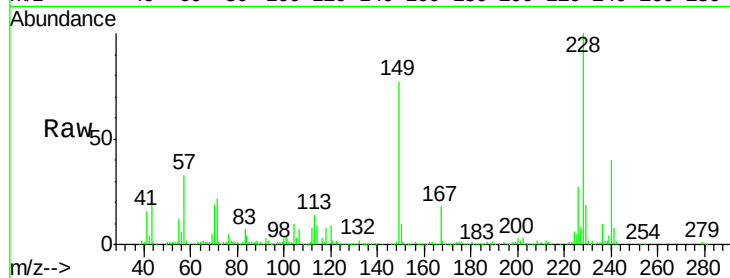
ICVBF062916

Tot Ion:	149	Resp:	396801
Ion Ratio	Lower	Upper	
149	100		
167	23.9	21.3	31.9
279	1.6	3.0	4.4#

Manual Integrations

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#84

Di-n-octyl phthalate

Concen: 40.30 ng

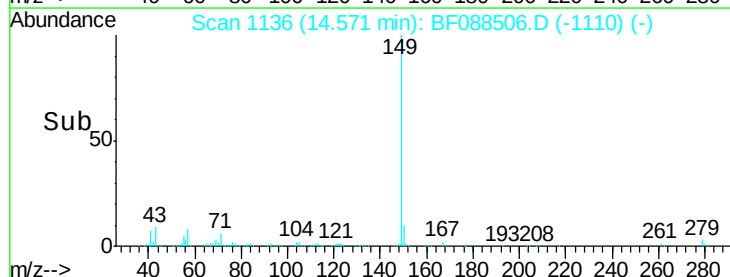
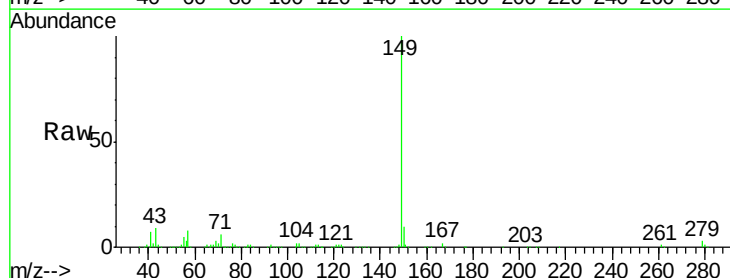
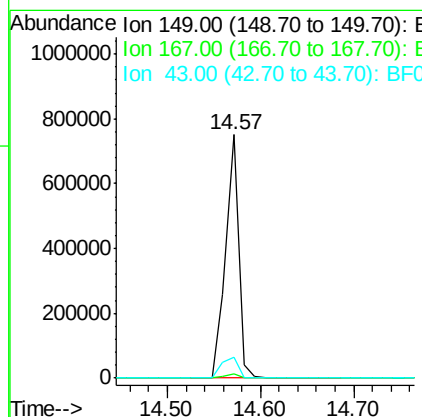
RT: 14.57 min Scan# 1136

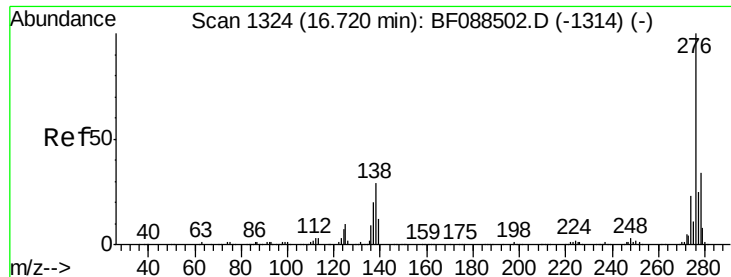
Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Tgt Ion:	149	Resp:	727684
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	11.1	0.0	0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.04 ng

RT: 16.72 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

Tot Ion:276 Resp: 707229

Ion Ratio Lower Upper

276 100

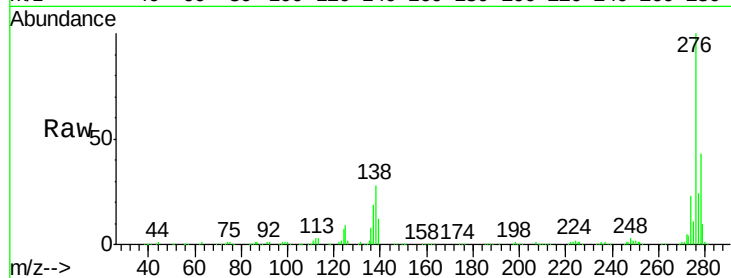
138 32.0 0.0 0.0#

277 24.9 0.0 0.0#

Manual Integrations

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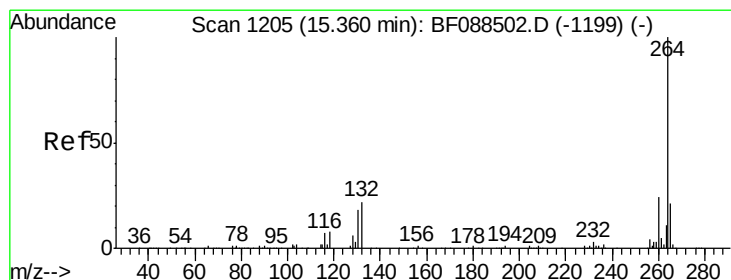
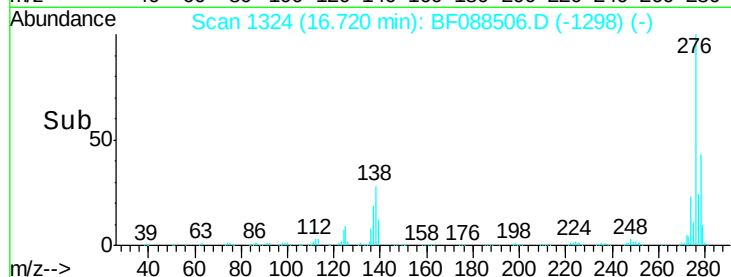
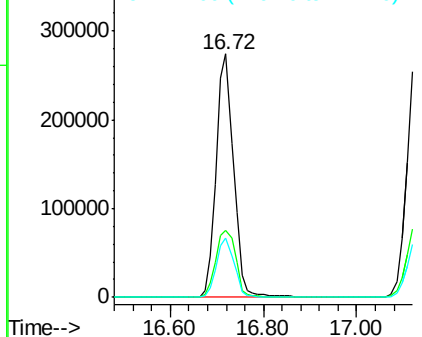
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

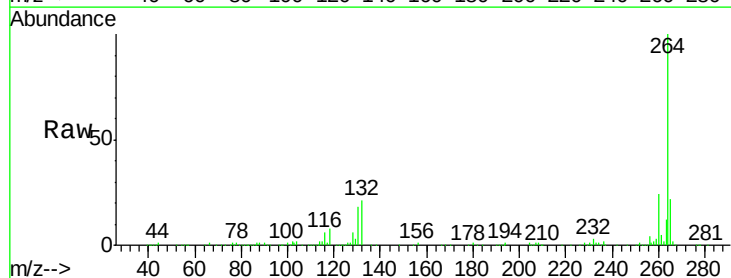
Tgt Ion:264 Resp: 258427

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

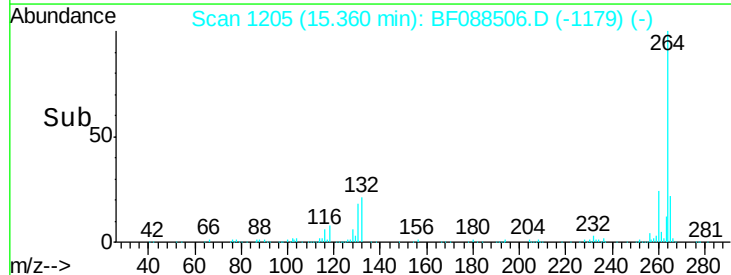
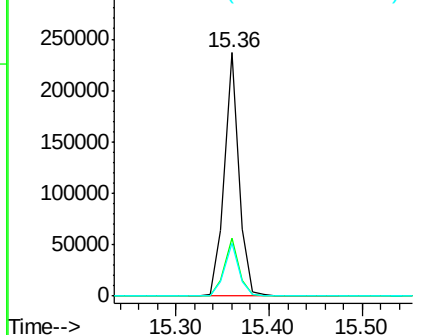
265 21.7 17.1 25.7

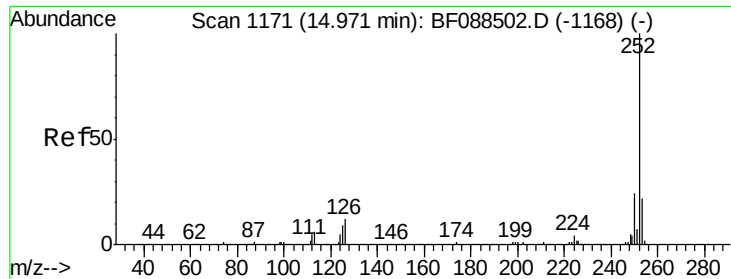


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.27 ng m

RT: 14.96 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Instrument :

BNA_F

ClientSampleId :

ICVBF062916

Tot Ion:252 Resp: 662358

Ion Ratio Lower Upper

252 100

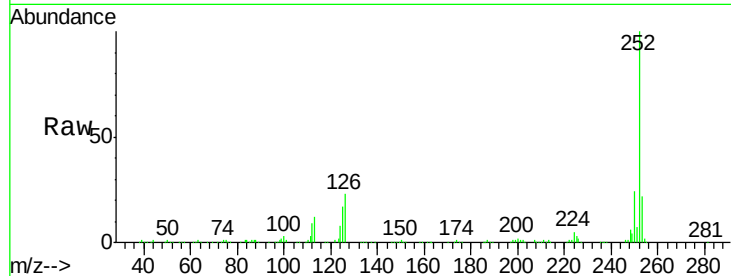
253 22.1 17.3 25.9

125 17.1 7.4 11.2#

Manual Integrations

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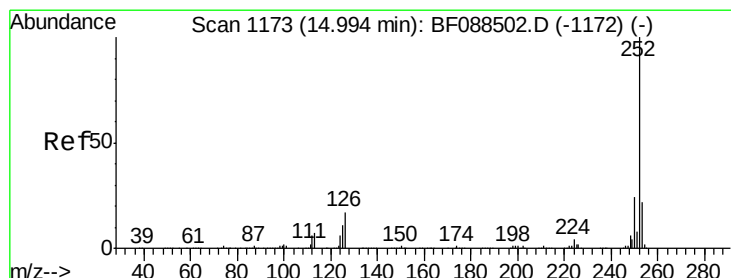
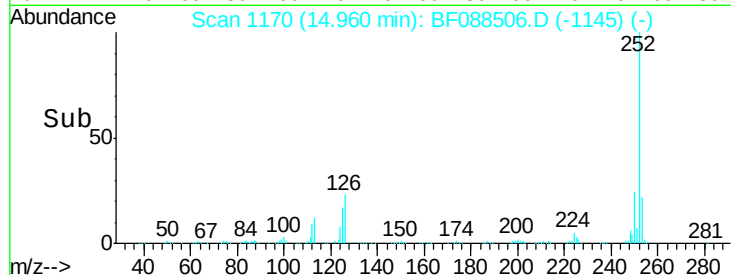
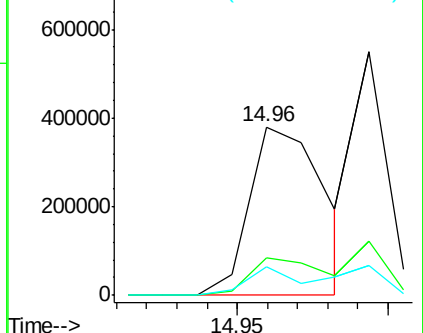
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 31.71 ng m

RT: 14.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF088506.D

Acq: 29 Jun 2016 21:32

Tgt Ion:252 Resp: 424918

Ion Ratio Lower Upper

252 100

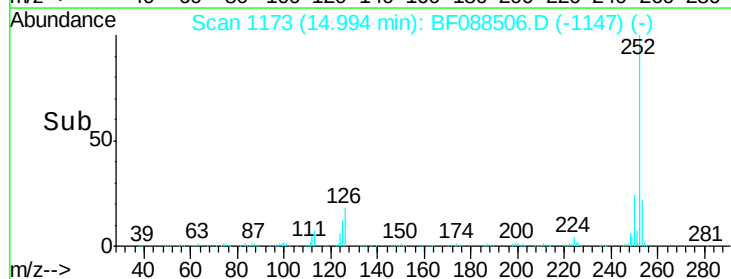
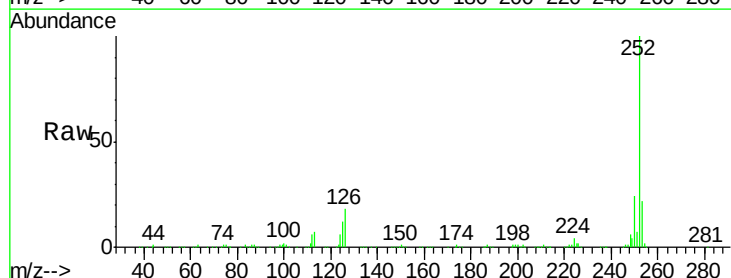
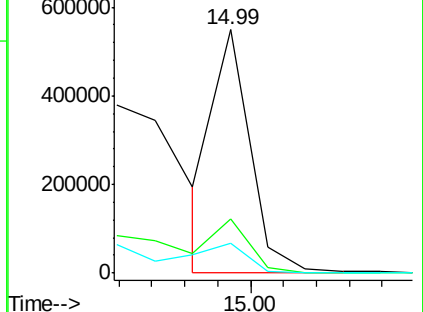
253 22.1 17.8 26.6

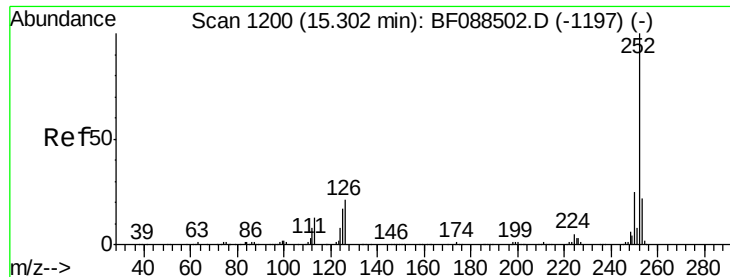
125 12.3 11.1 16.7

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





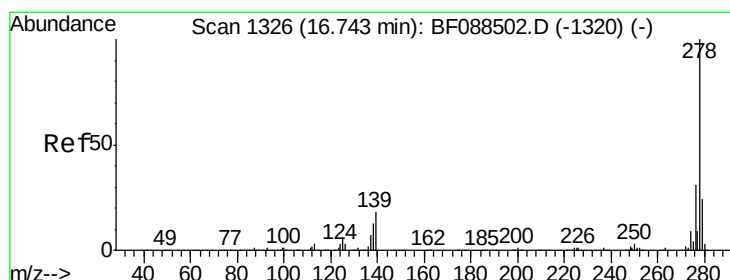
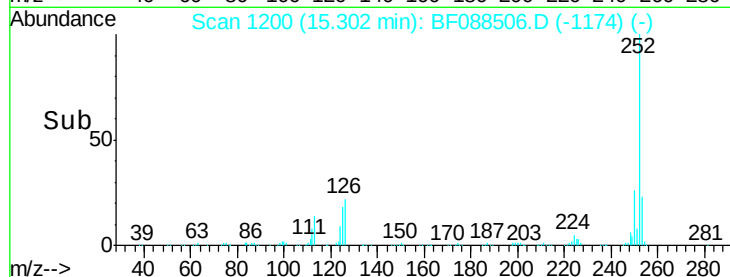
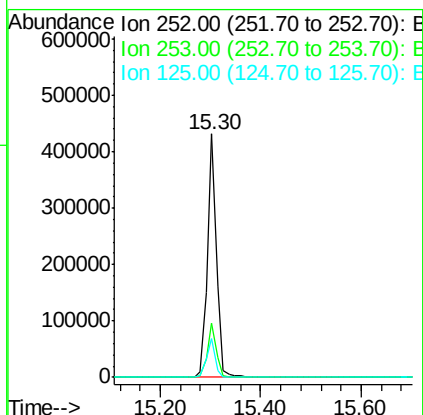
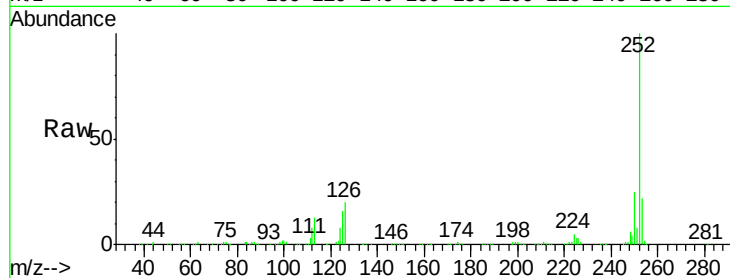
#89
Benzo(a)pyrene
Concen: 37.69 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	16.1	13.4	20.0

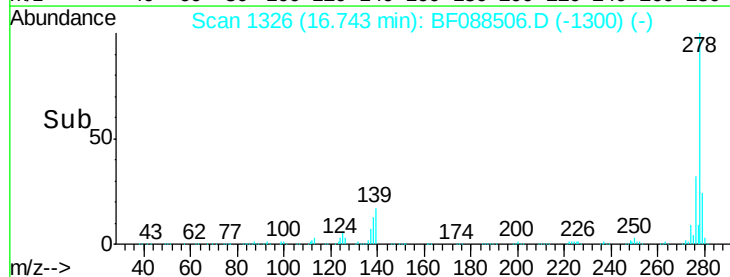
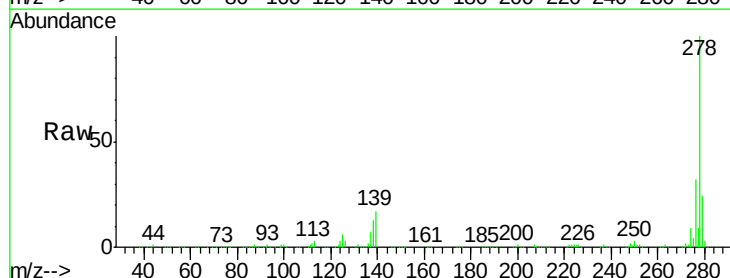
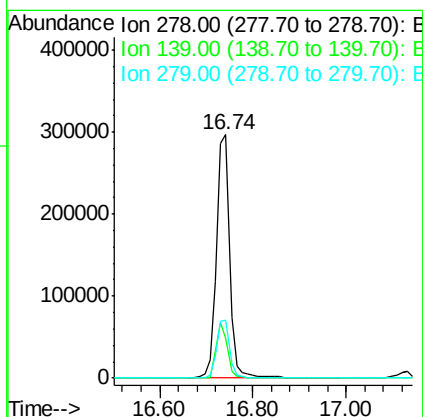
Manual Integrations

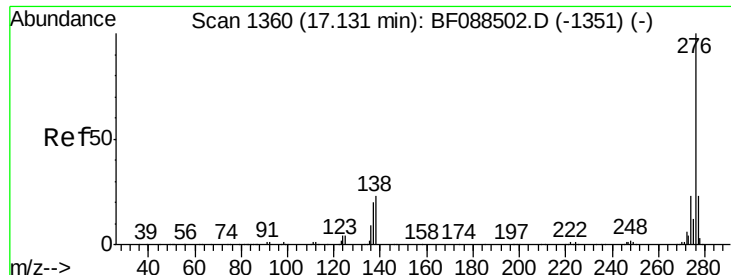
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#90
Dibenzo(a,h)anthracene
Concen: 40.09 ng
RT: 16.74 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF088506.D
Acq: 29 Jun 2016 21:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.0	21.0
279	23.7	19.1	28.7





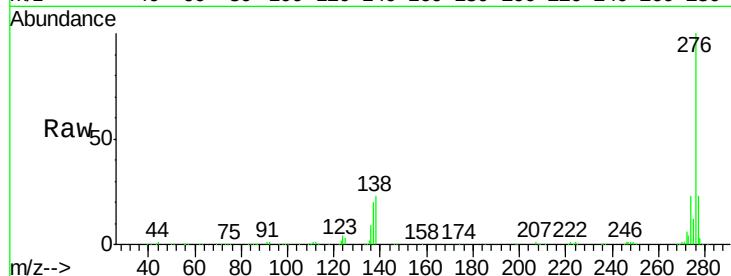
#91
 Benzo(a,h,i)perylene
 Concen: 40.22 ng
 RT: 17.13 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF088506.D
 Acq: 29 Jun 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF062916

Tot Ion:	276	Resp:	612376
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.4	27.6
138	23.5	18.7	28.1

Manual Integrations

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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

