

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088615.D
 Acq On : 2 Jul 2016 14:15
 Operator : UM/SJ
 Sample : H3871-11MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Manual Integrations

umangi
 7/5/2016 7:36:43 PM

Quant Time: Jul 03 03:21:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110289	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	461500	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	192240	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	340772	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	199615	20.00	ng	-0.02
86) Perylene-d12	15.33	264	228173	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	730882	99.32	ng	-0.01
7) Phenol-d6	6.43	99	1035860	108.94	ng	-0.01
23) Nitrobenzene-d5	7.36	82	678674	77.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	194046	108.70	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1054586	86.65	ng	-0.02
78) Terphenyl-d14	12.89	244	664357	74.13	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	94906	26.01	ng	# 34
3) Pyridine	3.08	79	144499	13.65	ng	93
4) n-Nitrosodimethylamine	3.02	42	64650	15.98	ng	86
6) Aniline	6.44	93	167755	12.11	ng	# 1
8) 2-Chlorophenol	6.58	128	137984	17.45	ng	85
9) Benzaldehyde	6.33	77	94078	14.61	ng	84
10) Phenol	6.44	94	249941	23.03	ng	81
11) bis(2-Chloroethyl)ether	6.54	93	143491	17.73	ng	# 81
12) 1,3-Dichlorobenzene	6.73	146	152202	17.49	ng	97
13) 1,4-Dichlorobenzene	6.81	146	160804	18.61	ng	98
14) 1,2-Dichlorobenzene	6.97	146	136109	16.83	ng	99
15) Benzyl Alcohol	6.94	79	154971	22.14	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	198586	16.94	ng	87
17) 2-Methylphenol	7.05	107	123624	19.16	ng	97
18) Hexachloroethane	7.31	117	56275	16.84	ng	91
19) n-Nitroso-di-n-propylamine	7.21	70	119973	18.78	ng	90
20) 3+4-Methylphenols	7.21	107	157811	20.38	ng	91
22) Acetophenone	7.20	105	204665	18.27	ng	# 86
24) Nitrobenzene	7.37	77	147440	16.61	ng	# 76
25) Isophorone	7.61	82	288946	17.71	ng	# 91
26) 2-Nitrophenol	7.69	139	69914	19.20	ng	96
27) 2,4-Dimethylphenol	7.74	122	144507	19.06	ng	92
28) bis(2-Chloroethoxy)methane	7.83	93	180832	17.03	ng	# 93
29) 2,4-Dichlorophenol	7.93	162	112565	18.37	ng	93
30) 1,2,4-Trichlorobenzene	8.02	180	128952	19.17	ng	98
31) Naphthalene	8.10	128	454584	19.98	ng	99
32) Benzoic acid	7.82	122	50102	9.10	ng	91
33) 4-Chloroaniline	8.15	127	117003	11.56	ng	98
34) Hexachlorobutadiene	8.23	225	70989	19.71	ng	98
35) Caprolactam	8.49	113	38102	18.30	ng	94
36) 4-Chloro-3-methylphenol	8.63	107	121221	16.73	ng	89
37) 2-Methylnaphthalene	8.79	142	266214	18.17	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	121807	19.05	ng	# 1
40) Hexachlorocyclopentadiene	8.95	237	116521	37.13	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	79318	18.81	ng	98
43) 2,4,5-Trichlorophenol	9.11	196	87229	24.05	ng #	95
45) 1,1'-Biphenyl	9.26	154	357925	22.48	ng	99
46) 2-Chloronaphthalene	9.28	162	265258	21.23	ng	98
47) 2-Nitroaniline	9.37	65	90740	20.46	ng	87
48) Acenaphthylene	9.69	152	418986	21.07	ng	99
49) Dimethylphthalate	9.55	163	420765	30.72	ng	100
50) 2,6-Dinitrotoluene	9.61	165	61170	20.15	ng #	46
51) Acenaphthene	9.86	154	265789	21.81	ng	98
52) 3-Nitroaniline	9.78	138	55823	14.47	ng #	76
53) 2,4-Dinitrophenol	9.88	184	35062	26.16	ng #	77
54) Dibenzofuran	10.03	168	372361	23.34	ng	92
55) 4-Nitrophenol	9.94	139	161782	55.17	ng	95
56) 2,4-Dinitrotoluene	10.01	165	81233	20.47	ng #	55
57) Fluorene	10.38	166	281717	22.91	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	58220	20.75	ng #	50
59) Diethylphthalate	10.25	149	294237	21.41	ng	96
60) 4-Chlorophenyl-phenylether	10.38	204	115354	20.19	ng #	83
61) 4-Nitroaniline	10.39	138	54287	14.62	ng	91
62) Azobenzene	10.52	77	305599	19.49	ng	91
64) 4,6-Dinitro-2-methylphenol	10.42	198	17466	9.58	ng #	59
65) n-Nitrosodiphenylamine	10.49	169	245774	21.31	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	73154	21.30	ng #	84
67) Hexachlorobenzene	10.92	284	76702	20.18	ng #	76
68) Atrazine	11.02	200	75933	21.13	ng	94
69) Pentachlorophenol	11.12	266	101952	45.32	ng	98
70) Phenanthrene	11.34	178	495674	26.61	ng	98
71) Anthracene	11.38	178	416609	22.49	ng	98
72) Carbazole	11.53	167	317035	18.19	ng	99
73) Di-n-butylphthalate	11.87	149	430133	21.21	ng	99
74) Fluoranthene	12.51	202	457421	24.22	ng	98
76) Benzidine	12.64	184	340876	33.78	ng	99
77) Pyrene	12.74	202	417506	24.67	ng	98
79) Butylbenzylphthalate	13.37	149	149852	19.85	ng	97
80) Benzo(a)anthracene	13.92	228	287688	22.38	ng	99
81) 3,3'-Dichlorobenzidine	13.89	252	76254	15.78	ng #	95
82) Chrysene	13.95	228	248358	19.53	ng	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	194725	22.59	ng	98
84) Di-n-octyl phthalate	14.54	149	316374	21.61	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.66	276	274124	28.02	ng #	100
87) Benzo(b)fluoranthene	14.94	252	321261m	22.44	ng	
88) Benzo(k)fluoranthene	14.96	252	224099m	17.98	ng	
89) Benzo(a)pyrene	15.27	252	265735	21.93	ng	98
90) Dibenzo(a,h)anthracene	16.69	278	225451	22.28	ng	96
91) Benzo(g,h,i)perylene	17.06	276	217054	20.73	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

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Tgt Ion:152 Resp: 110289

Ion Ratio Lower Upper

152 100

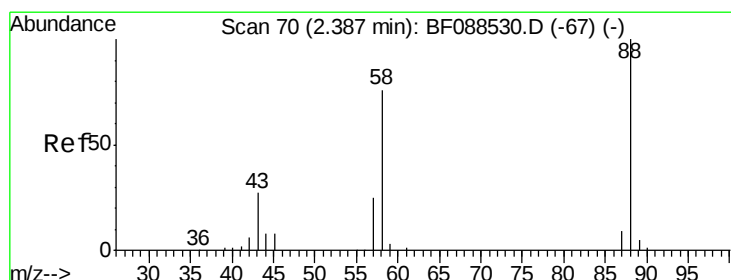
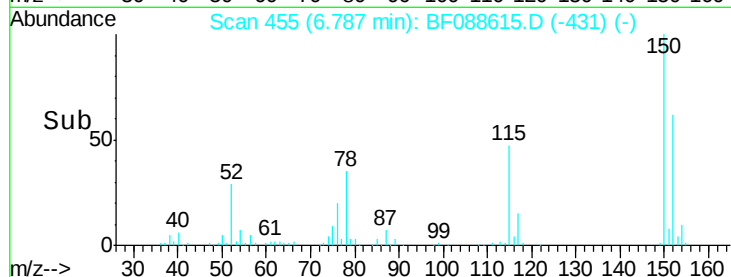
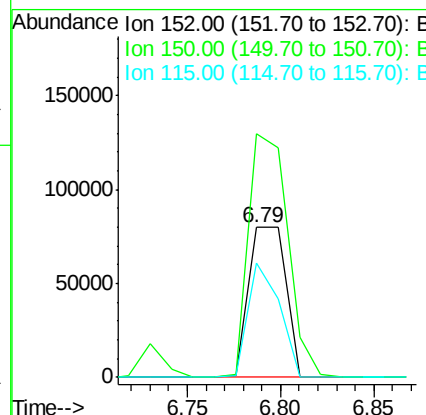
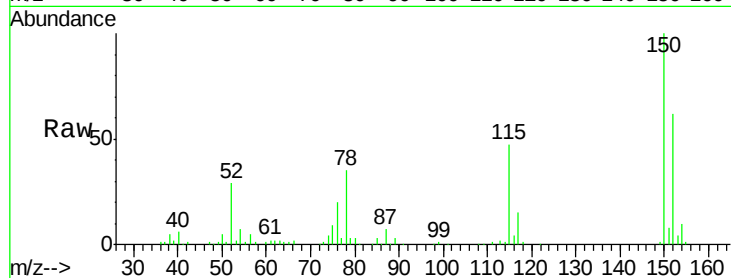
150 162.3 123.8 185.6

115 76.3 39.6 59.4#

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#2

1,4-Dioxane

Concen: 26.01 ng

RT: 2.39 min Scan# 70

Delta R.T. -0.00 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

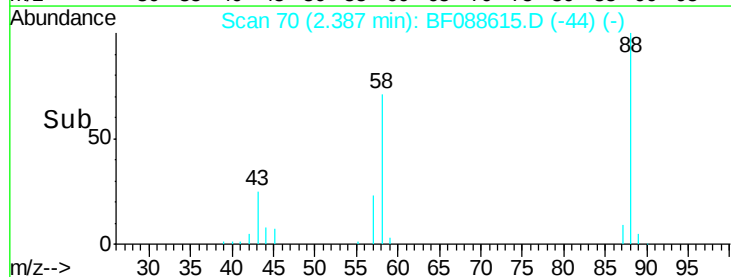
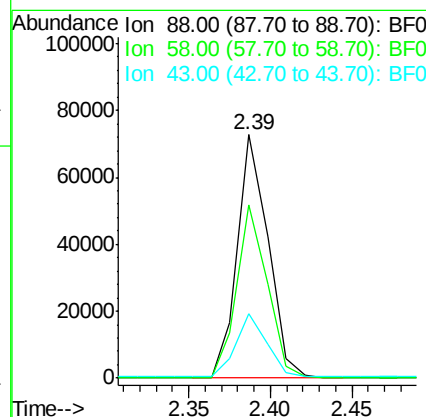
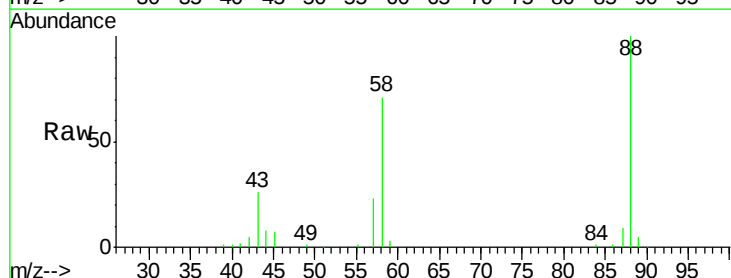
Tgt Ion: 88 Resp: 94906

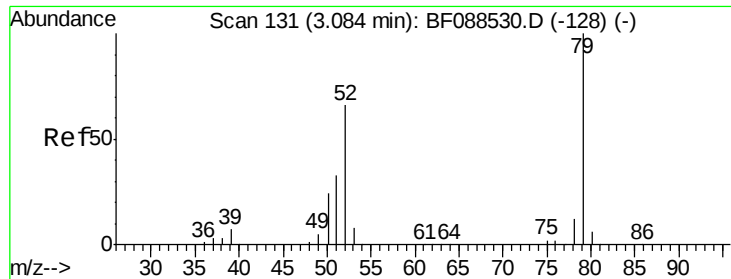
Ion Ratio Lower Upper

88 100

58 70.7 0.0 0.0#

43 25.9 3.4 5.2#





#3

Pyridine

Concen: 13.65 ng

RT: 3.08 min Scan# 131

Delta R.T. -0.00 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

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ClientSampleId :

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Tgt Ion: 79 Resp: 144499

Ion Ratio Lower Upper

79 100

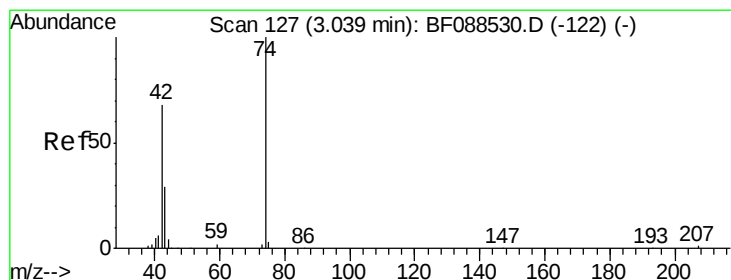
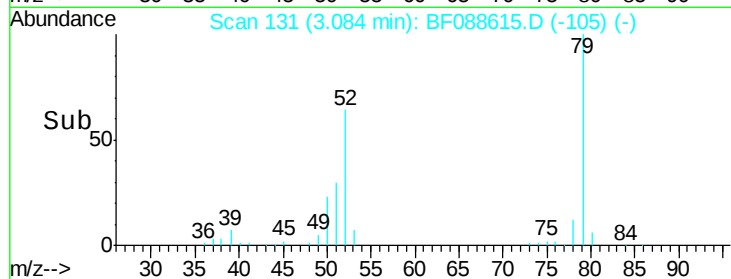
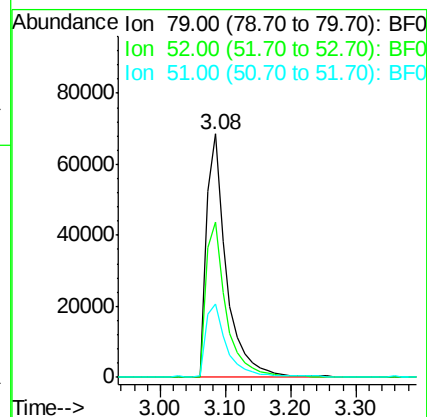
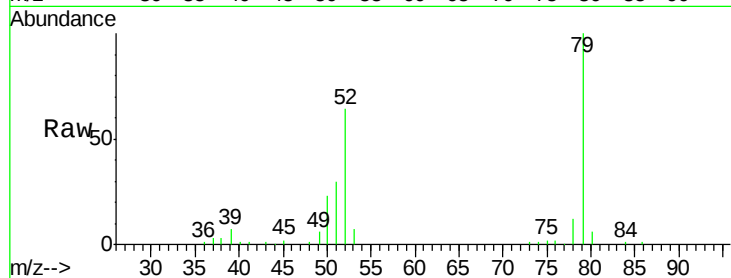
52 64.0 56.3 84.5

51 30.4 27.4 41.2

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#4

n-Nitrosodimethylamine

Concen: 15.98 ng

RT: 3.02 min Scan# 125

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

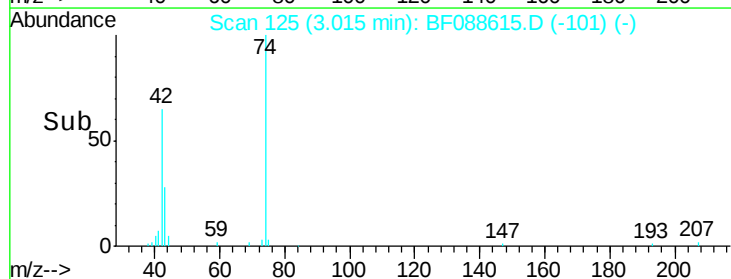
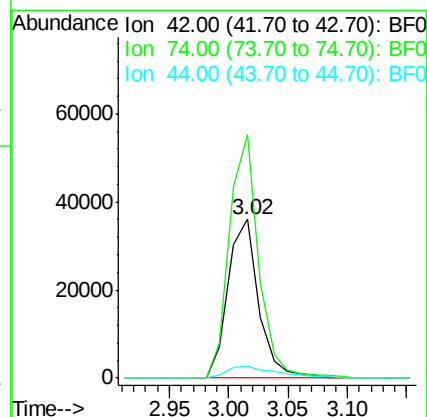
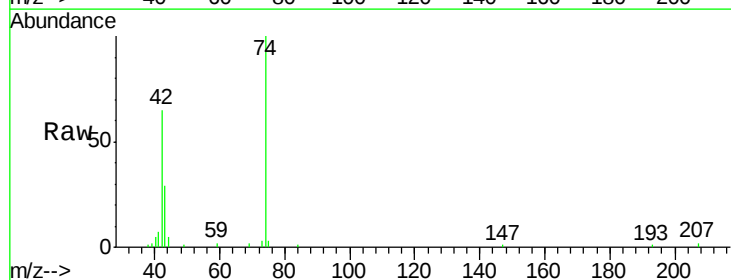
Tgt Ion: 42 Resp: 64650

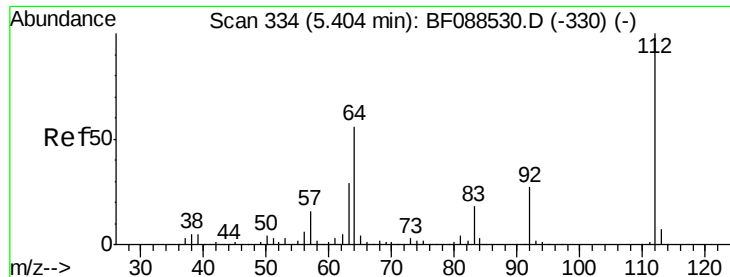
Ion Ratio Lower Upper

42 100

74 153.4 108.6 163.0

44 7.8 5.5 8.3





#5

2-Fluorophenol

Concen: 99.32 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088615.D

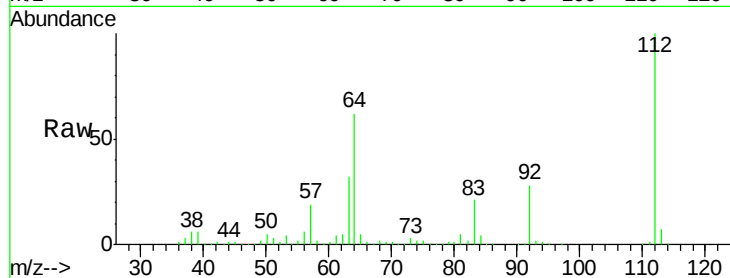
Acq: 2 Jul 2016 14:15

Instrument :

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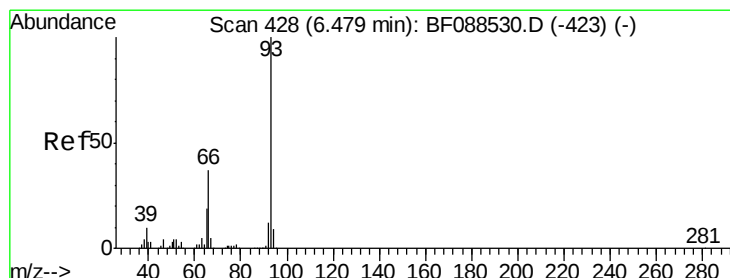
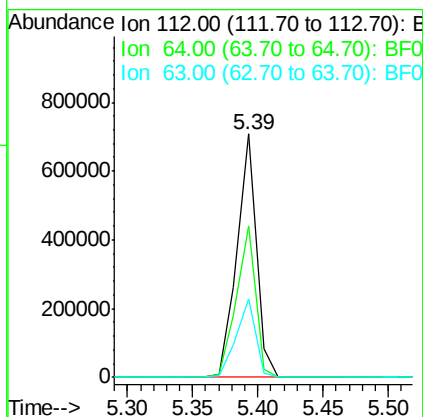
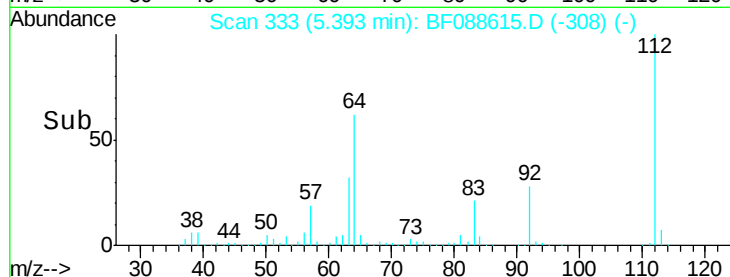


Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	42.2	63.2
63	32.3	21.8	32.8

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#6

Aniline

Concen: 12.11 ng

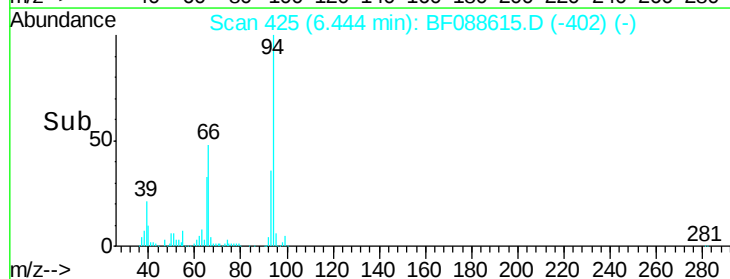
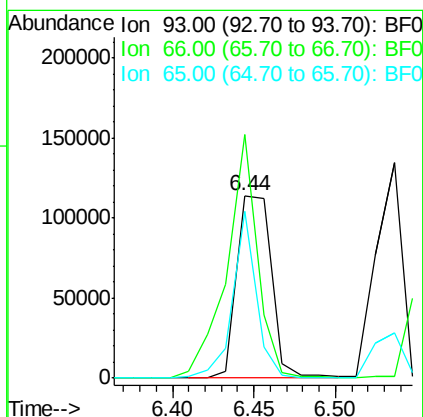
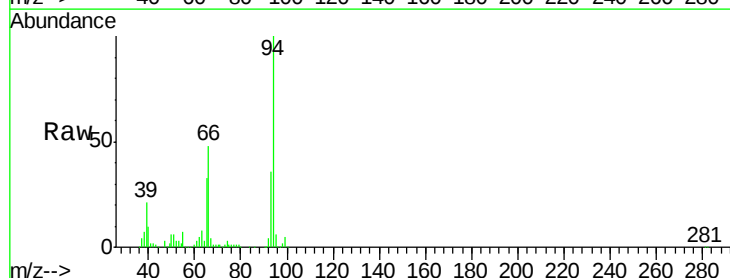
RT: 6.44 min Scan# 425

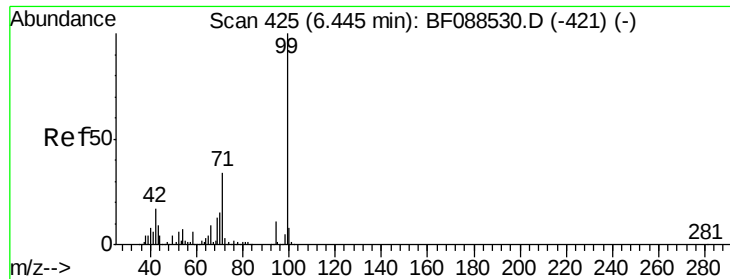
Delta R.T. -0.03 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
93	100		
66	133.5	29.8	44.8#
65	91.2	14.9	22.3#





#7

Phenol-d6

Concen: 108.94 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1035860

Ion Ratio Lower Upper

99 100

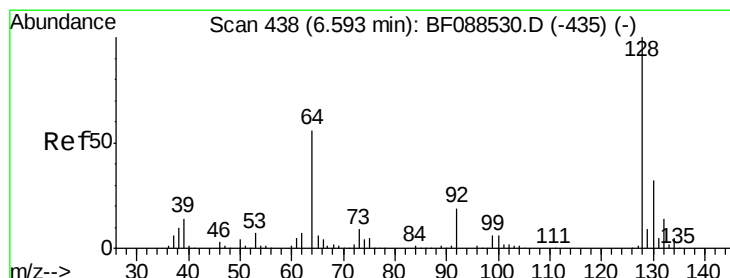
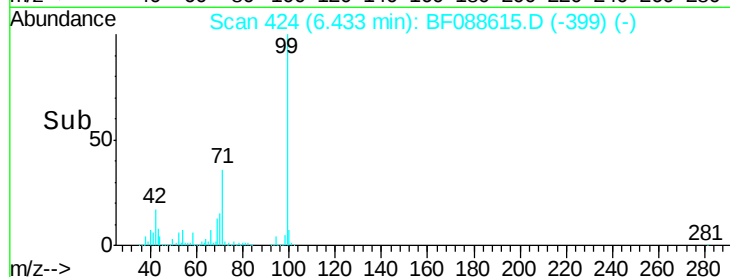
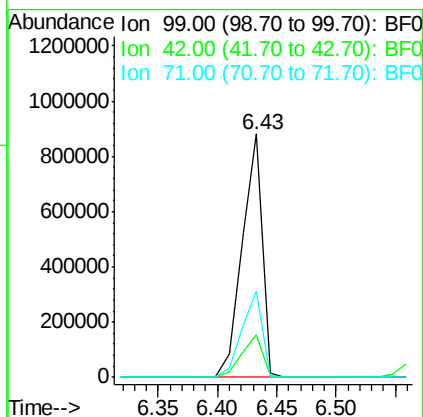
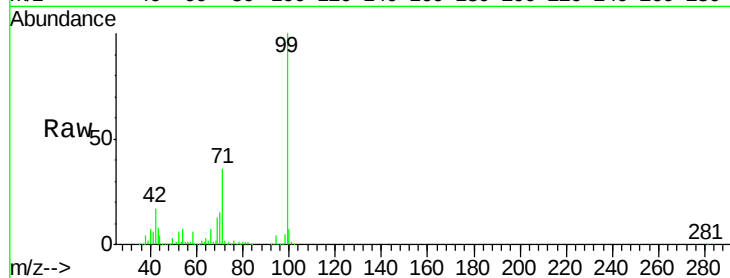
42 17.3 12.2 18.2

71 35.5 23.4 35.0#

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#8

2-Chlorophenol

Concen: 17.45 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.01 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

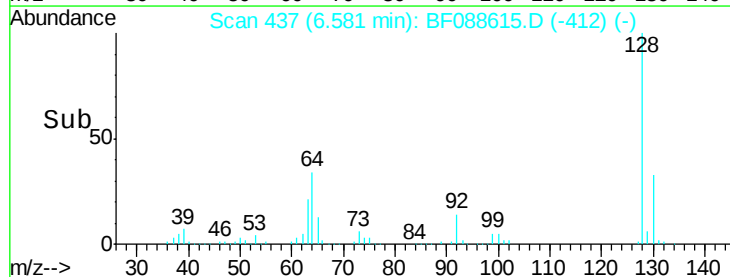
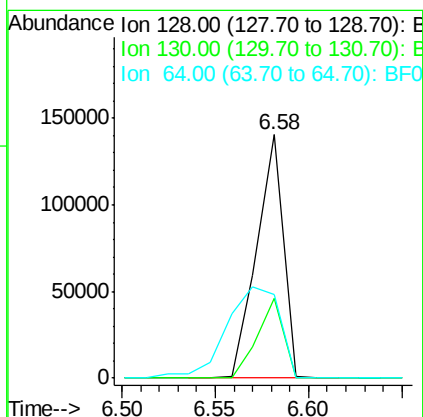
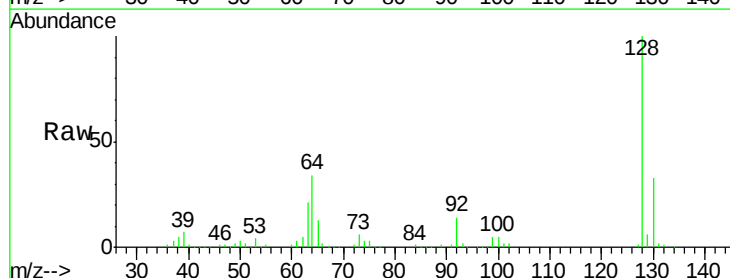
Tgt Ion: 128 Resp: 137984

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

64 34.4 30.8 70.8





#9

Benzaldehyde

Concen: 14.61 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF088615.D

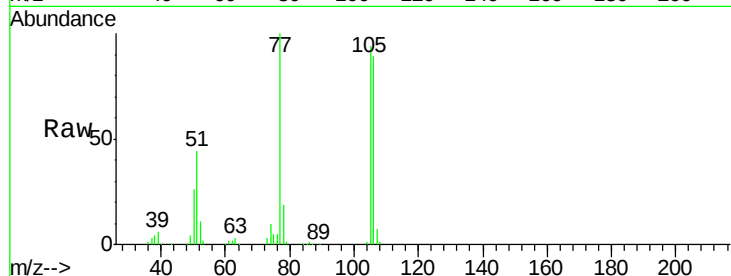
Acq: 2 Jul 2016 14:15

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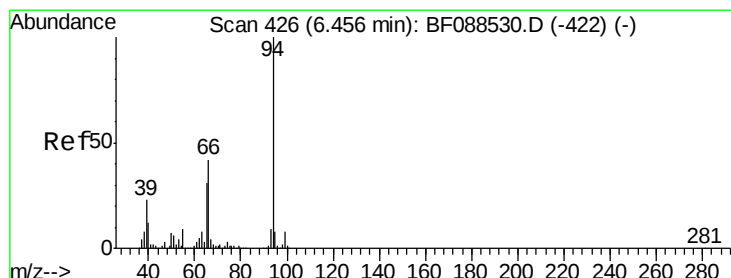
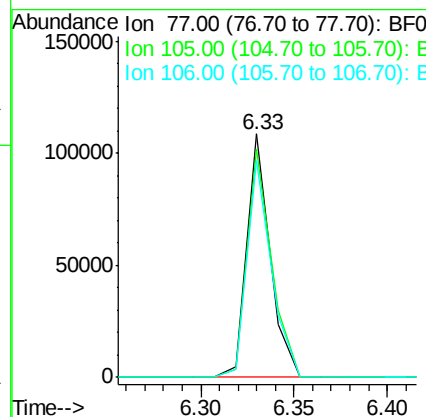


Tgt Ion:	77	Resp:	94078
Ion	Ratio	Lower	Upper
77	100		
105	94.0	90.6	130.6
106	89.2	85.3	125.3

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#10

Phenol

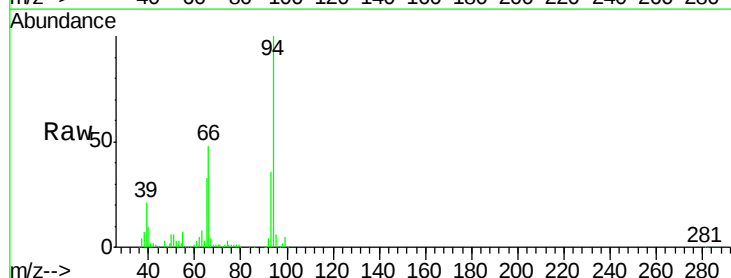
Concen: 23.03 ng

RT: 6.44 min Scan# 425

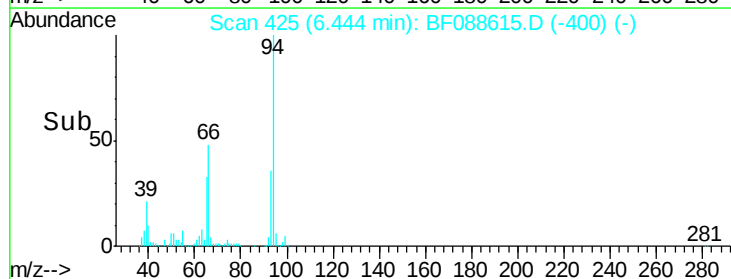
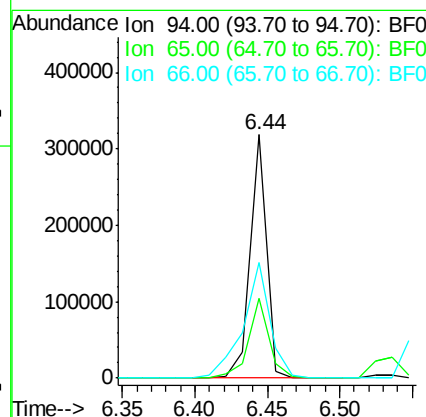
Delta R.T. -0.01 min

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Tgt Ion:	94	Resp:	249941
Ion	Ratio	Lower	Upper
94	100		
65	32.6	5.9	45.9
66	47.7	14.0	54.0





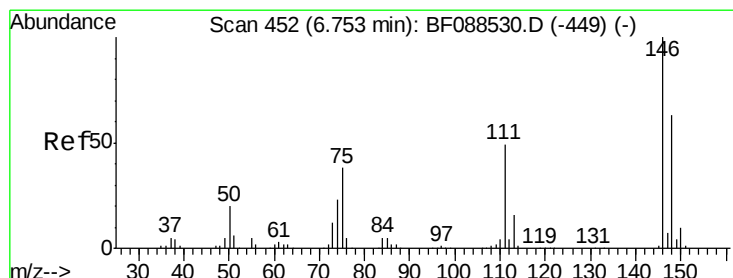
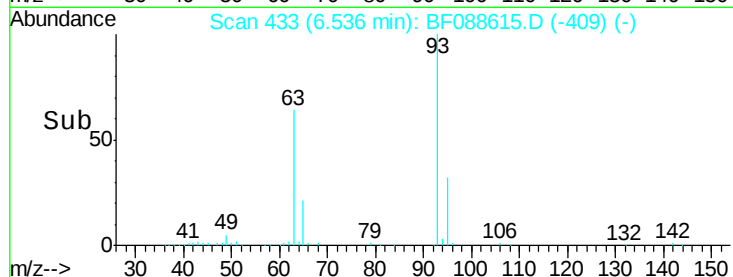
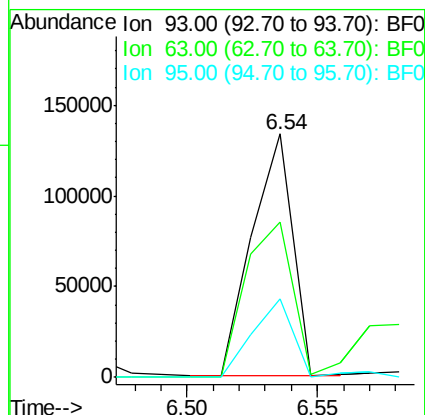
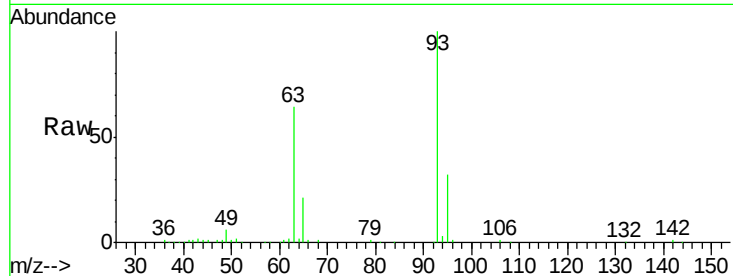
#11
bis(2-Chloroethyl)ether
Concen: 17.73 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion: 93 Resp: 143491
Ion Ratio Lower Upper
93 100
63 63.9 67.6 107.6#
95 32.4 12.5 52.5

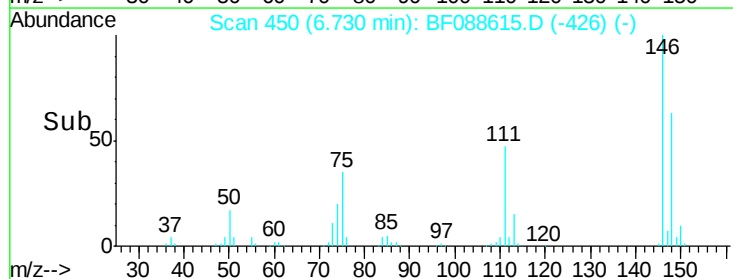
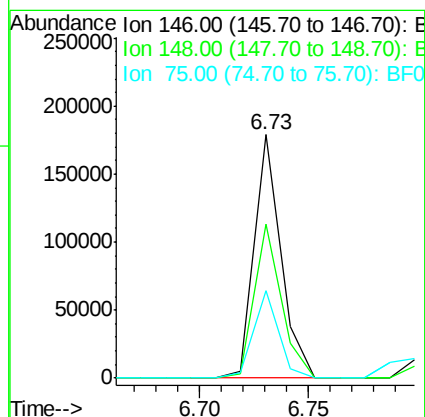
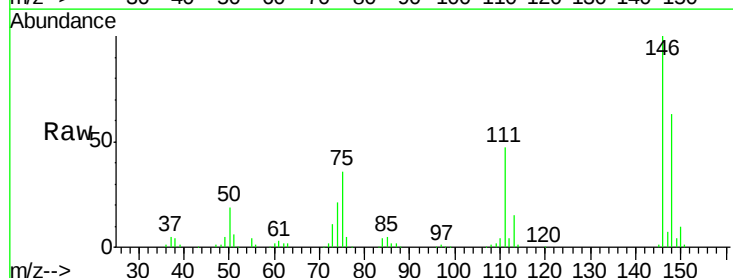
Manual Integrations

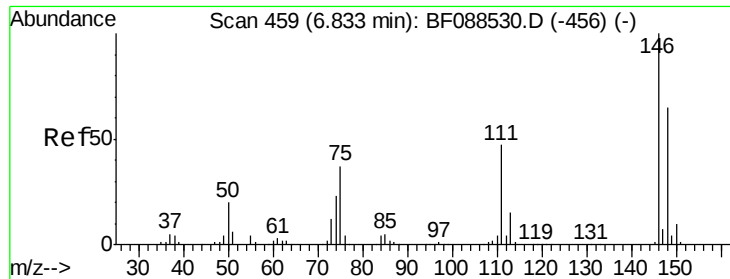
umangi
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#12
1,3-Dichlorobenzene
Concen: 17.49 ng
RT: 6.73 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

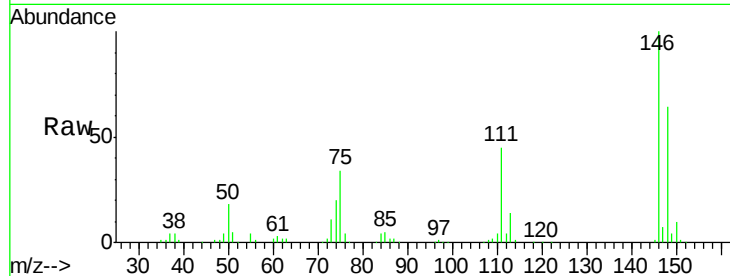
Tgt Ion: 146 Resp: 152202
Ion Ratio Lower Upper
146 100
148 63.2 50.9 76.3
75 35.8 25.6 38.4





#13
 1,4-Dichlorobenzene
 Concen: 18.61 ng
 RT: 6.81 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

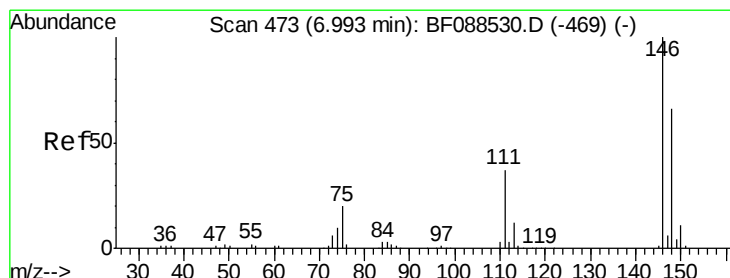
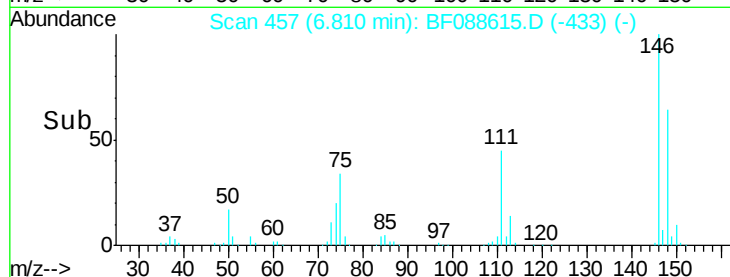
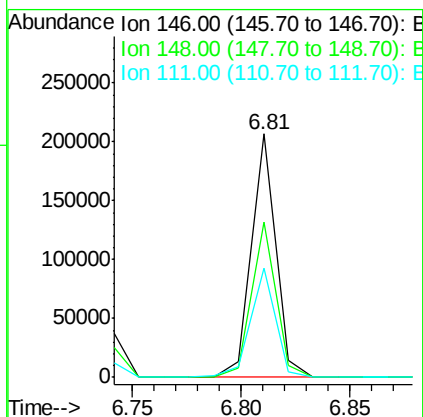
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD



Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.0	78.0
111	44.7	33.8	50.8

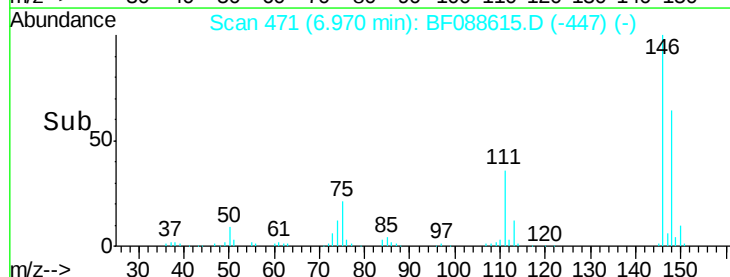
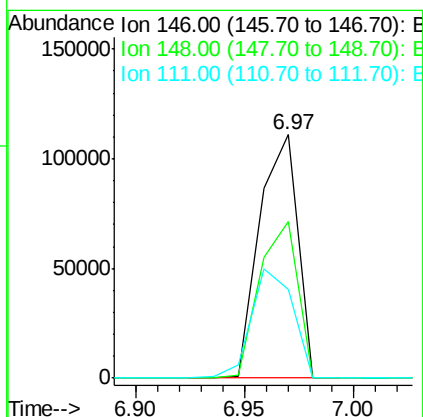
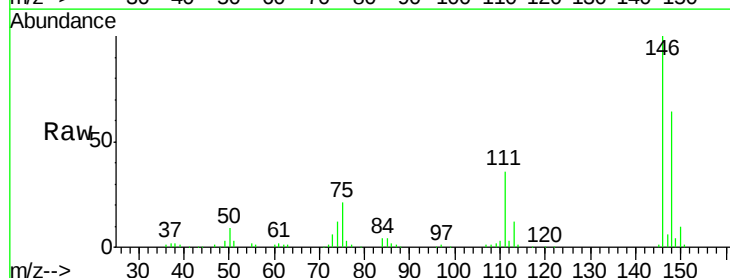
Manual Integrations

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#14
 1,2-Dichlorobenzene
 Concen: 16.83 ng
 RT: 6.97 min Scan# 471
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.3	78.5
111	36.2	28.7	43.1





#15

Benzyl Alcohol

Concen: 22.14 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion: 79 Resp: 154971

Ion Ratio Lower Upper

79 100

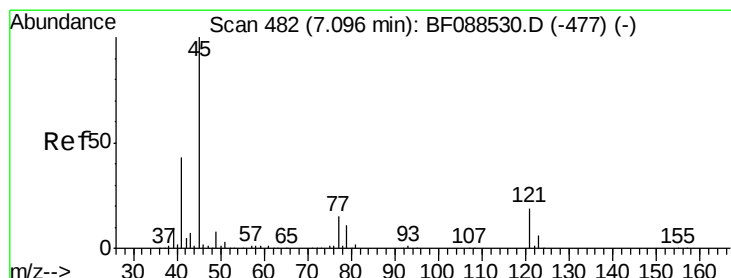
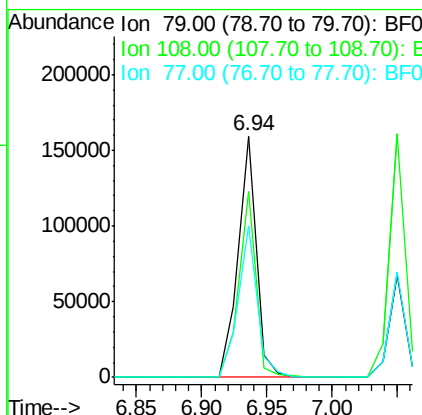
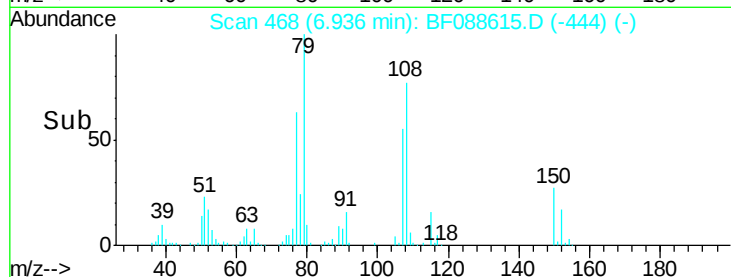
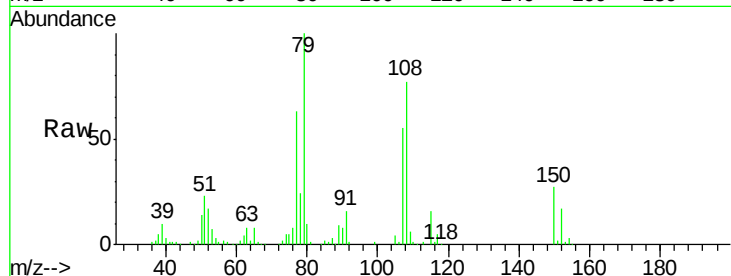
108 76.8 65.0 97.6

77 62.6 50.3 75.5

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 16.94 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

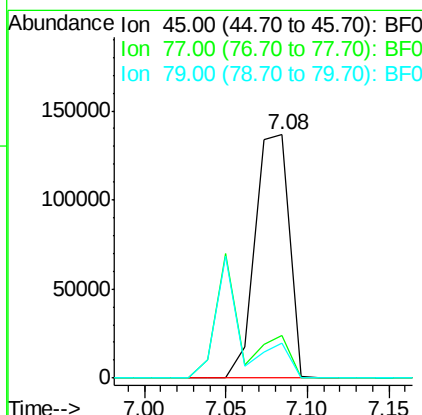
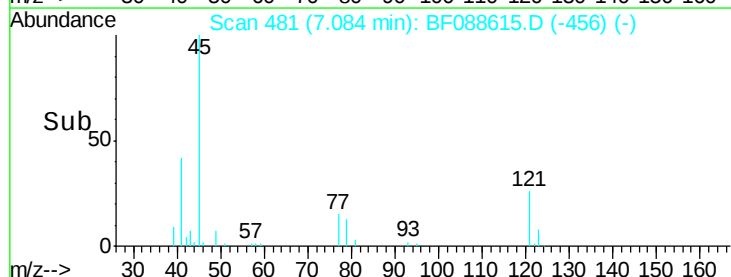
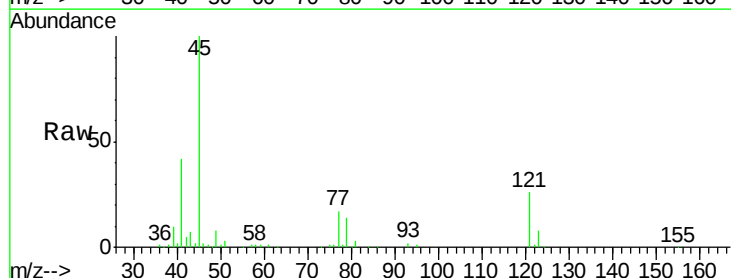
Tgt Ion: 45 Resp: 198586

Ion Ratio Lower Upper

45 100

77 17.5 0.0 32.5

79 14.2 0.0 29.5





#17

2-Methylphenol

Concen: 19.16 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF088615.D

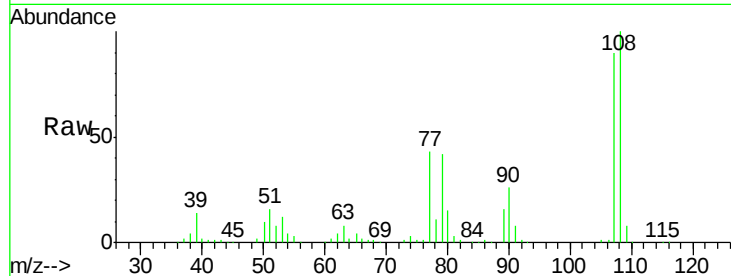
Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

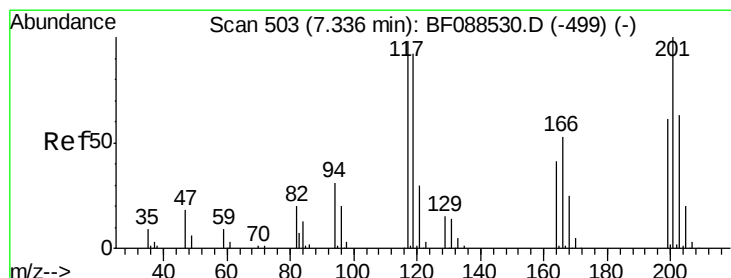
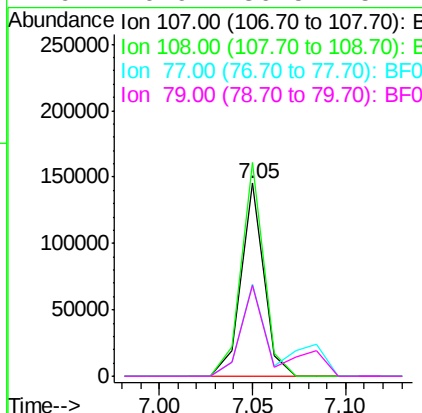
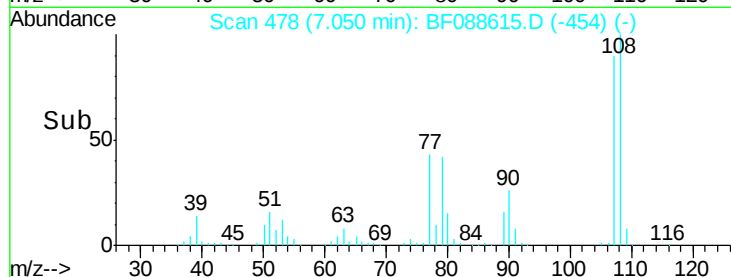


Tgt Ion	Ratio	Resp	Lower	Upper
107	100	123624		
108	110.7	90.9	136.3	
77	47.9	36.6	55.0	
79	46.9	36.5	54.7	

Manual Integrations

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#18

Hexachloroethane

Concen: 16.84 ng

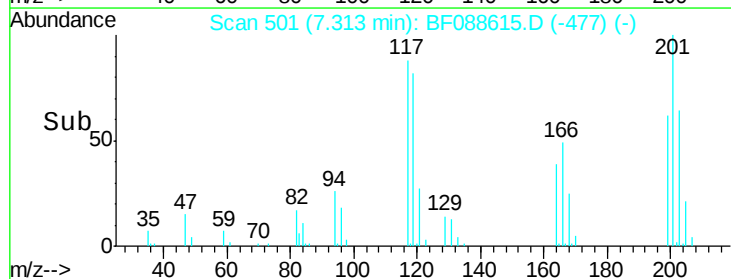
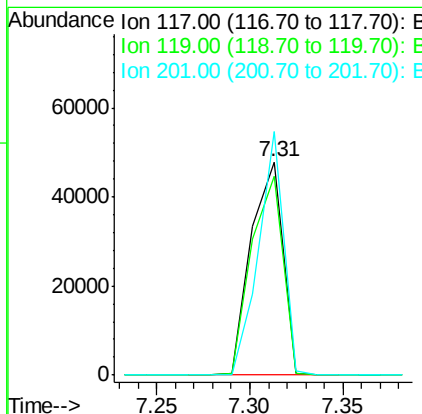
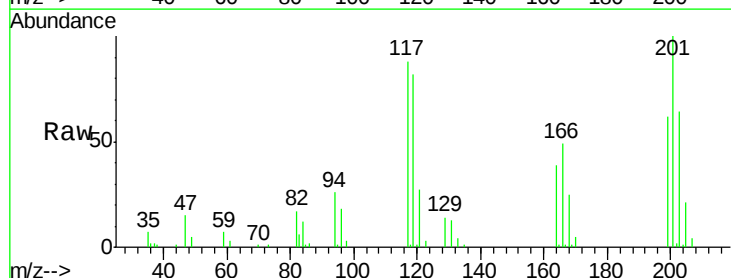
RT: 7.31 min Scan# 501

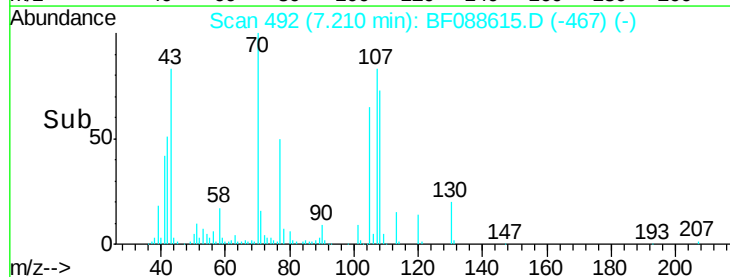
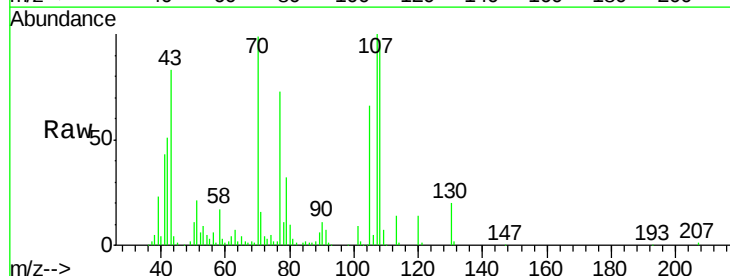
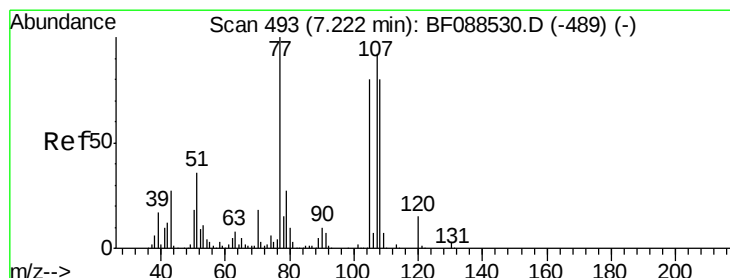
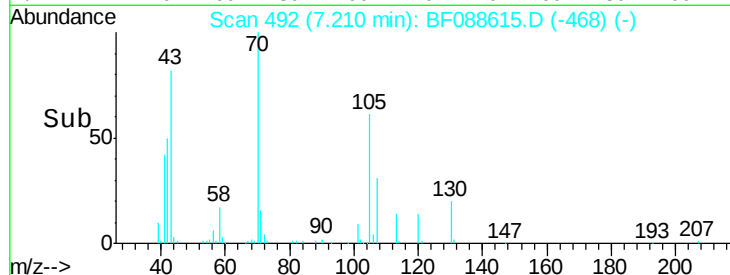
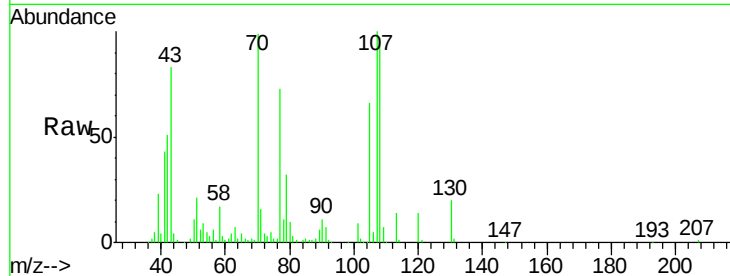
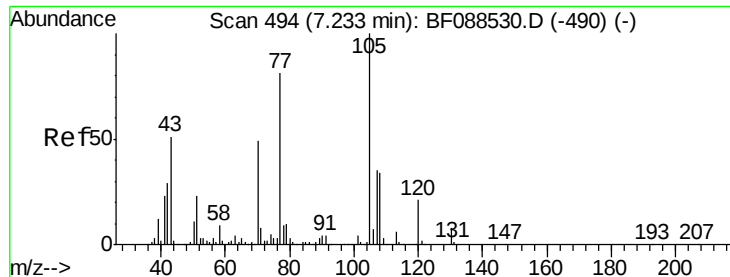
Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

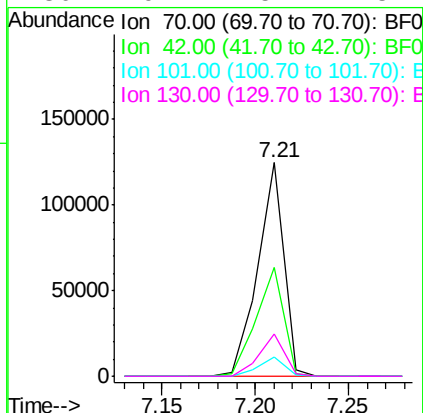
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	56275		
119	93.5	77.4	116.2	
201	114.2	80.4	120.6	





#19
n-Nitroso-di-n-propylamine
Concen: 18.78 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.0	49.6	74.4
101	9.2	7.1	10.7
130	19.7	15.4	23.2



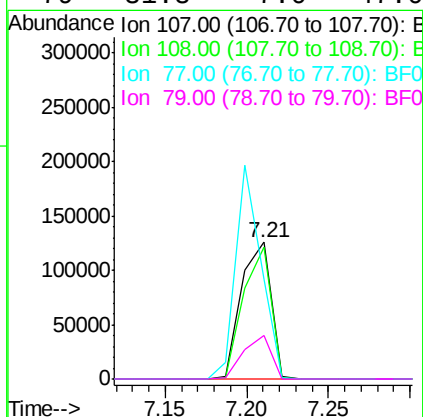
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

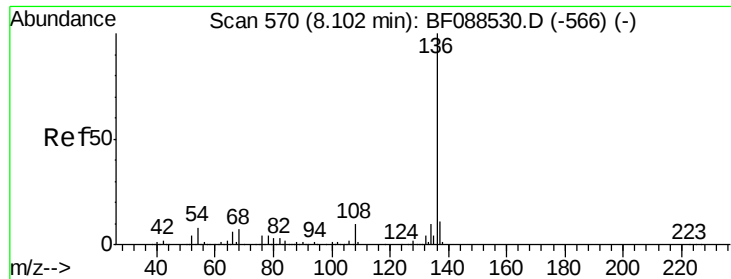
Manual Integrations

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#20
3+4-Methylphenols
Concen: 20.38 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.1	67.8	107.8
77	73.3	59.3	99.3
79	31.8	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

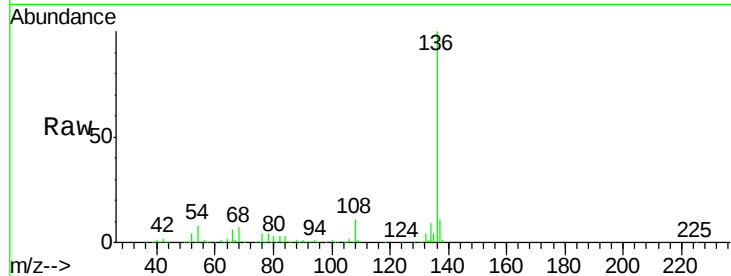
K8-B2(0-11)CMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	461500		
137	11.0	9.1	13.7	
54	8.0	6.6	10.0	
68	6.7	5.1	7.7	

Manual Integrations

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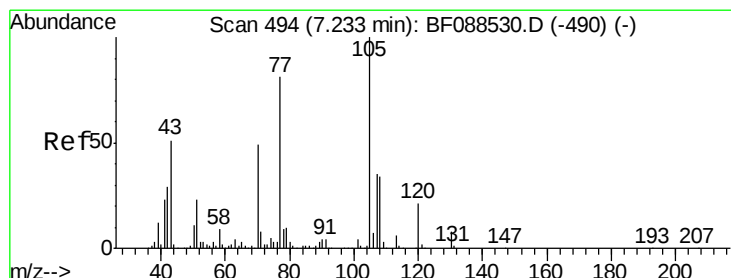
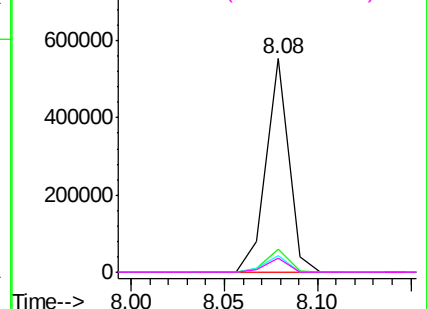
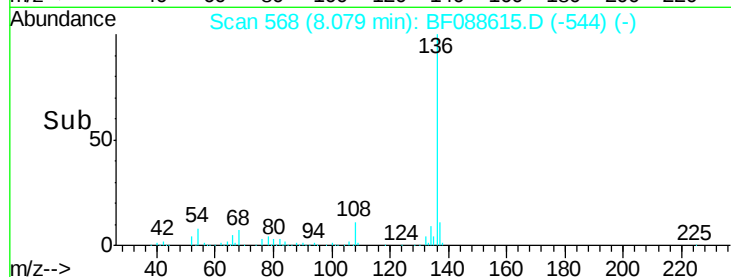
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 18.27 ng

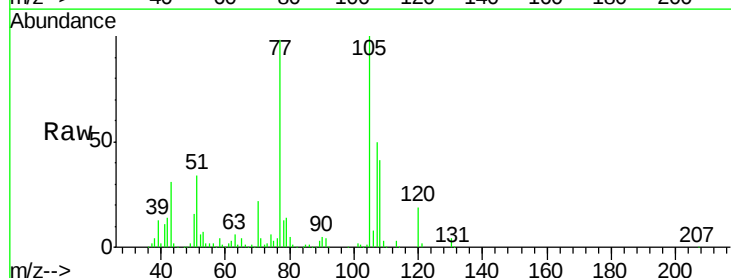
RT: 7.20 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	204665		
71	3.9	5.3	7.9#	
51	34.2	18.2	27.4#	
120	19.4	18.0	27.0	



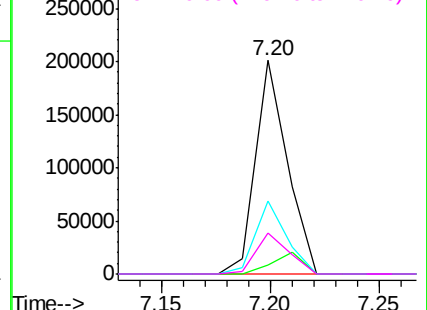
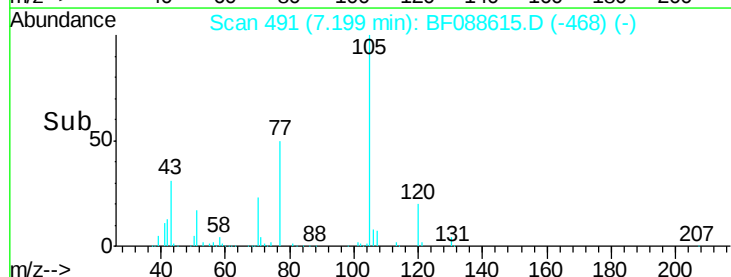
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





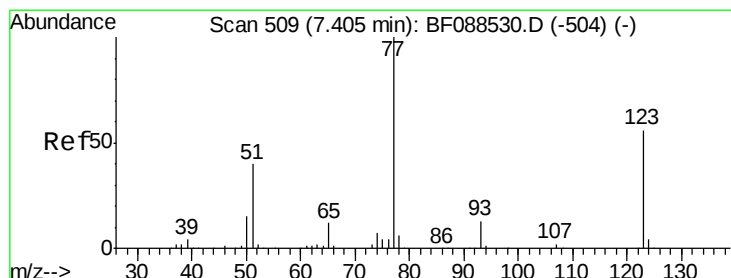
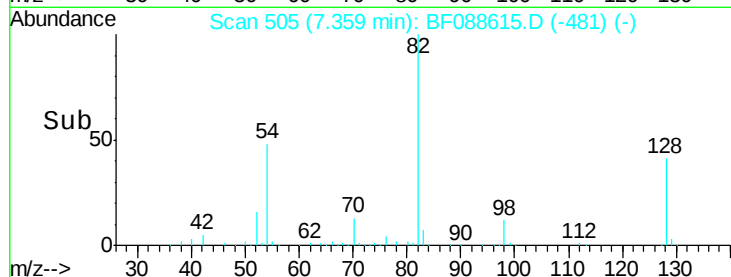
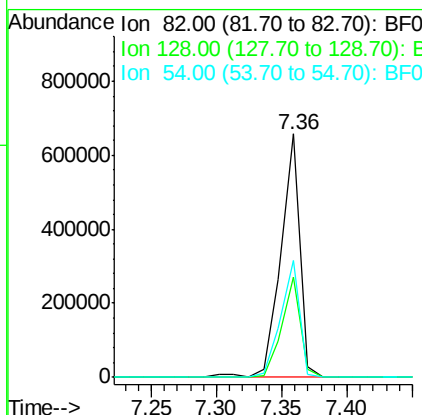
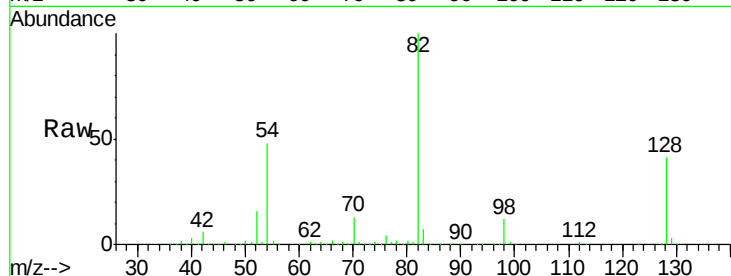
#23
 Nitrobenzene-d5
 Concen: 77.07 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	35.9	53.9
54	48.1	40.9	61.3

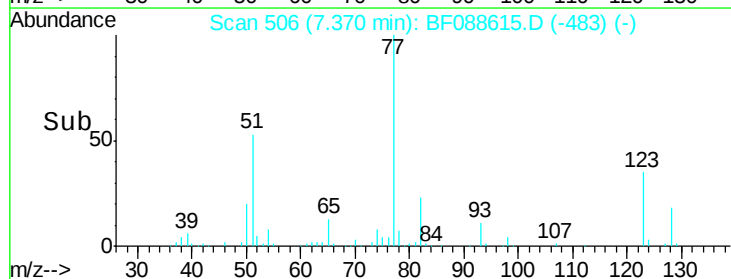
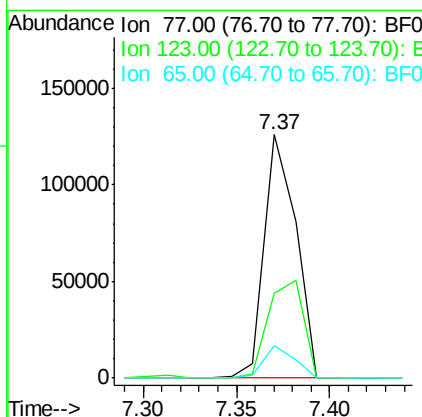
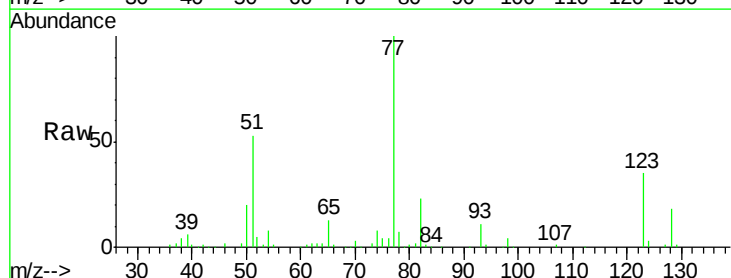
Manual Integrations

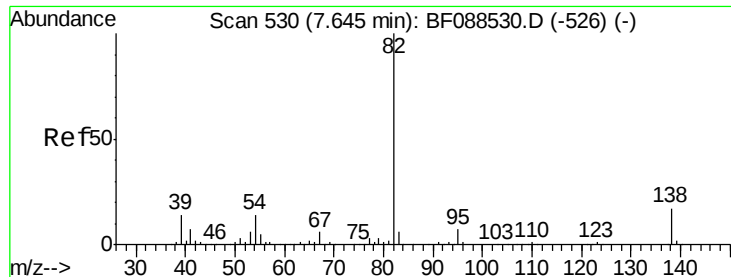
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#24
 Nitrobenzene
 Concen: 16.61 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.03 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.1	45.0	67.4#
65	13.4	10.2	15.2





#25

Isophorone

Concen: 17.71 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF088615.D

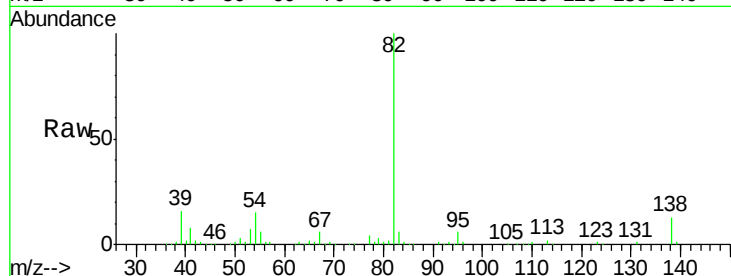
Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD



Tgt Ion: 82 Resp: 288946

Ion Ratio Lower Upper

82 100

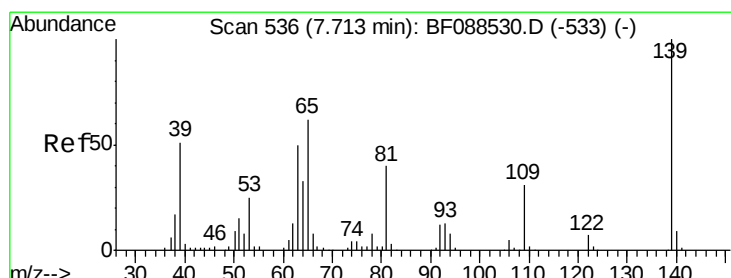
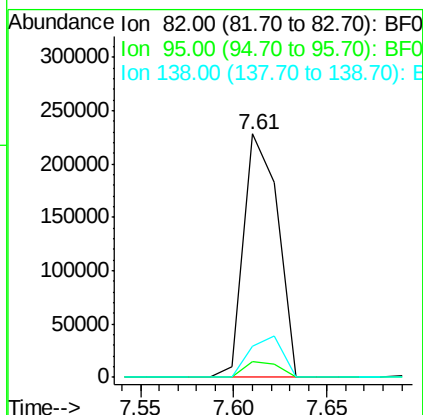
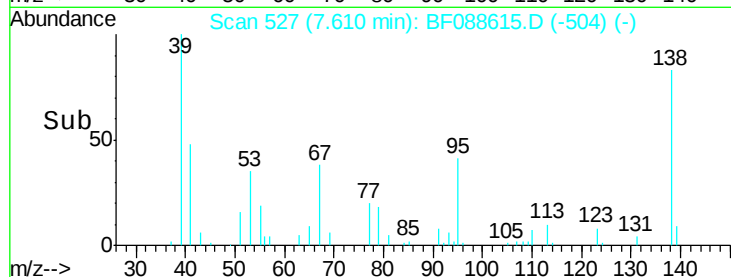
95 6.4 5.4 8.2

138 13.0 14.6 21.8#

Manual Integrations

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#26

2-Nitrophenol

Concen: 19.20 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

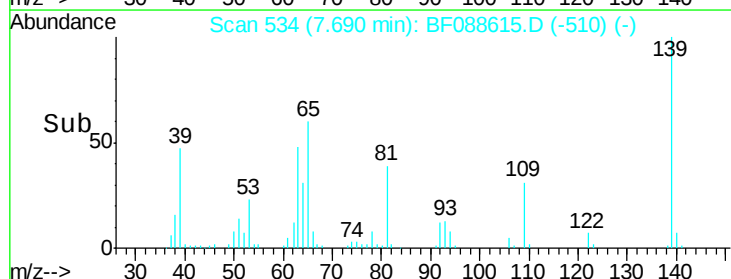
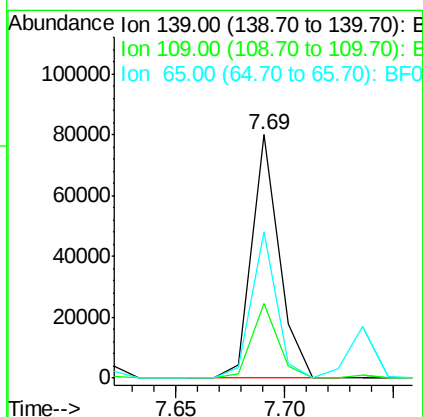
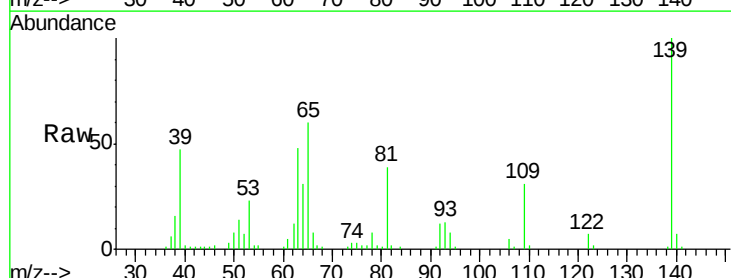
Tgt Ion: 139 Resp: 69914

Ion Ratio Lower Upper

139 100

109 30.6 23.0 34.4

65 60.2 45.8 68.8





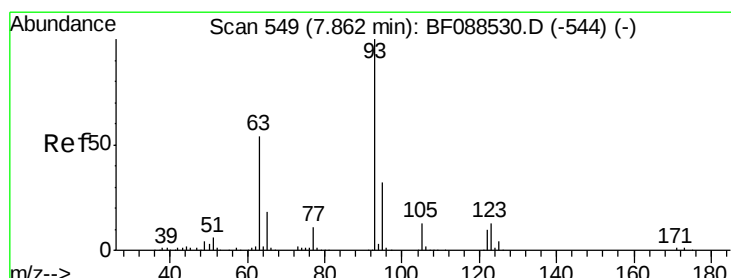
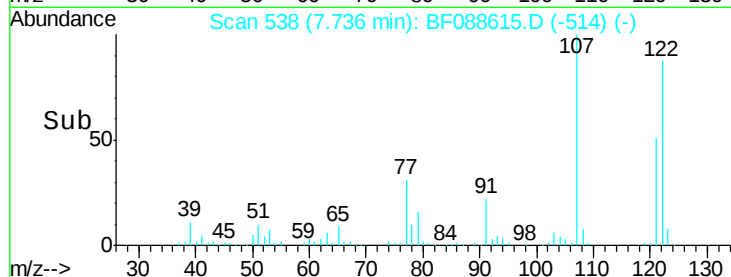
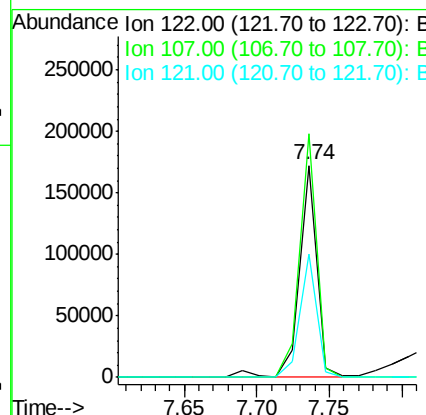
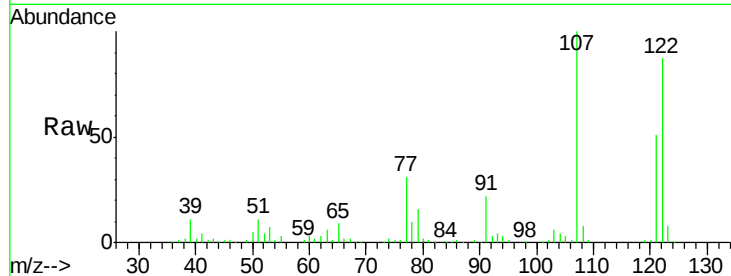
#27
2,4-Dimethylphenol
Concen: 19.06 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion:122 Resp: 144507
Ion Ratio Lower Upper
122 100
107 114.7 82.4 123.6
121 58.3 46.3 69.5

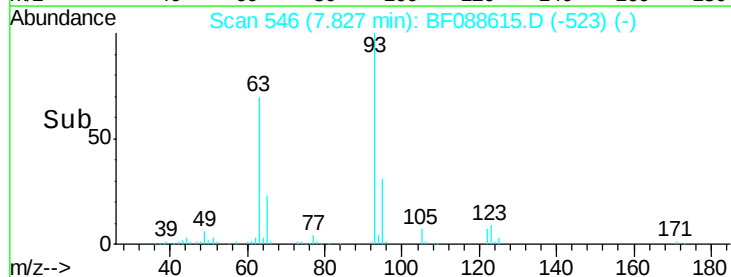
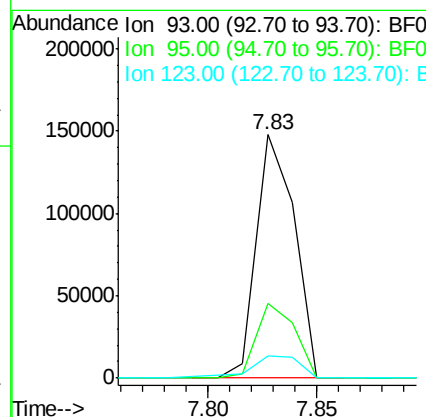
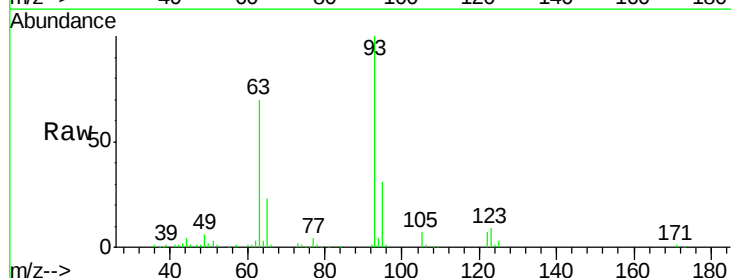
Manual Integrations

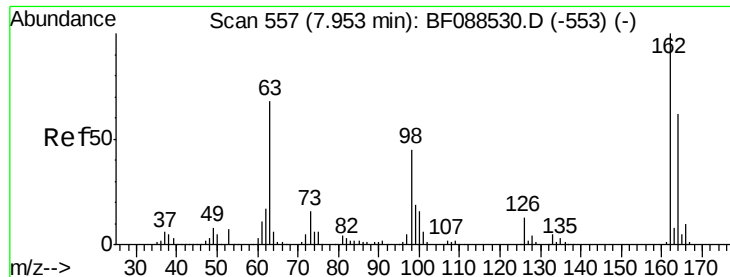
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#28
bis(2-Chloroethoxy)methane
Concen: 17.03 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion: 93 Resp: 180832
Ion Ratio Lower Upper
93 100
95 30.6 26.5 39.7
123 9.2 11.6 17.4#





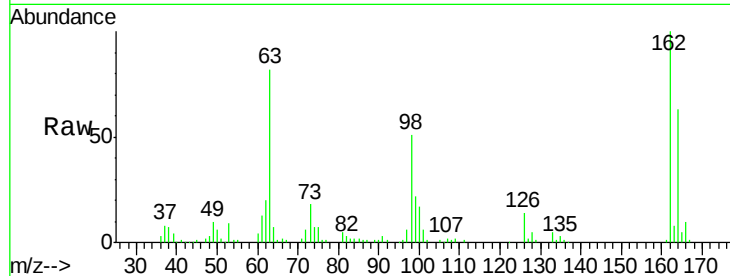
#29
2,4-Dichlorophenol
Concen: 18.37 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

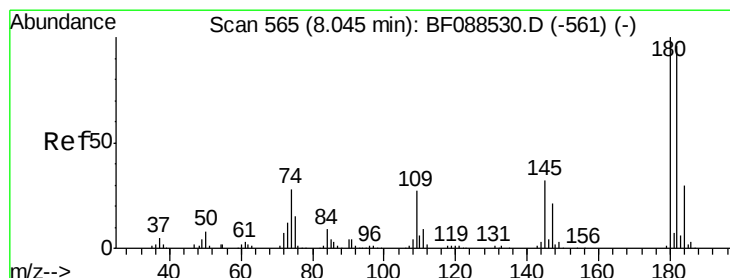
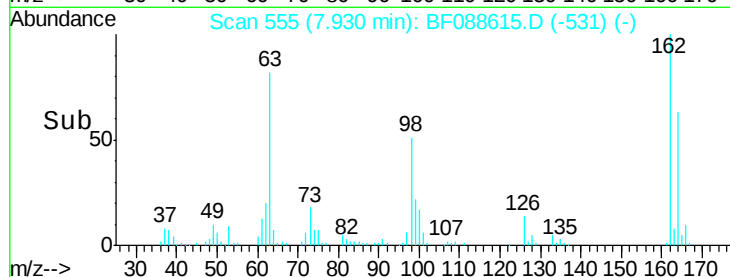
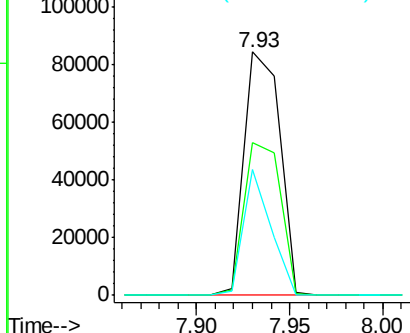
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.8	83.8
98	51.5	21.3	61.3

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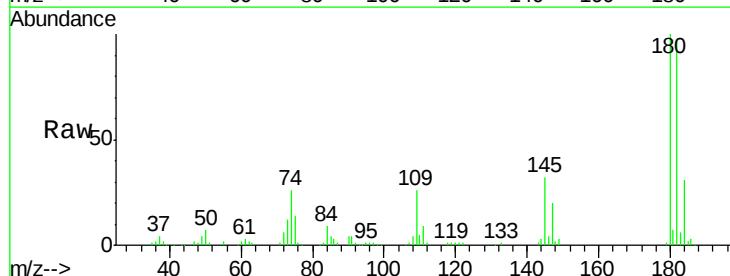


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

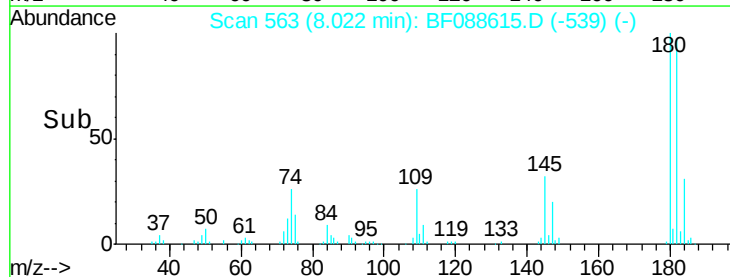
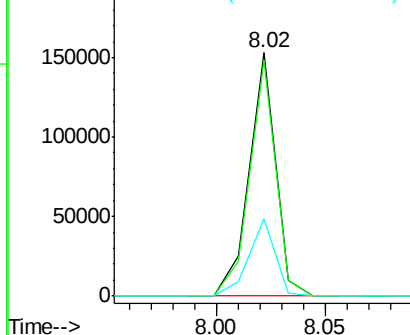


#30
1,2,4-Trichlorobenzene
Concen: 19.17 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.0	114.0
145	32.0	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





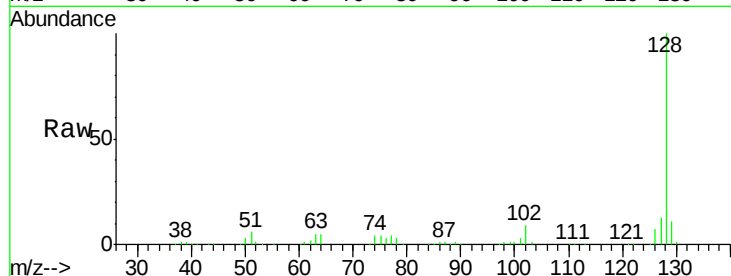
#31
Naphthalene
Concen: 19.98 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

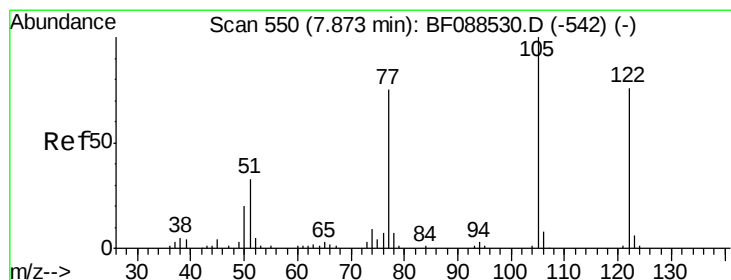
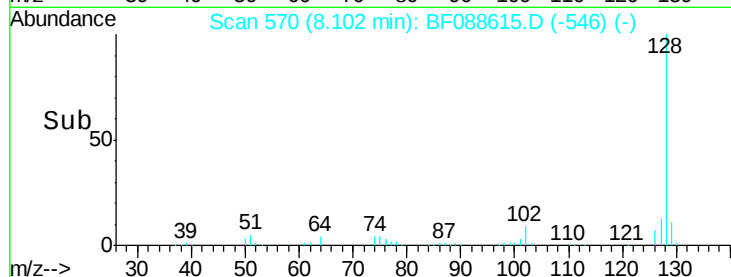
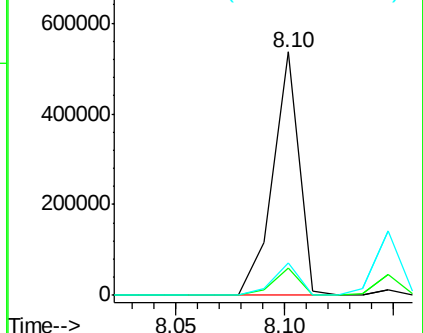
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	13.2	10.9	16.3

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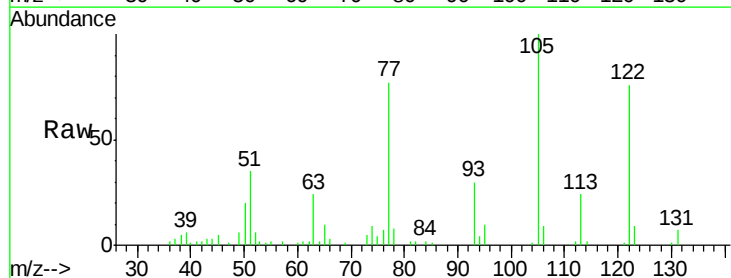


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

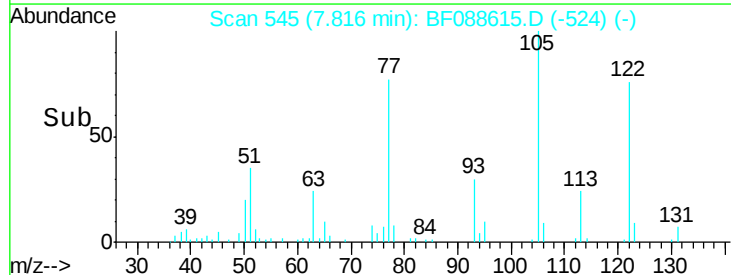
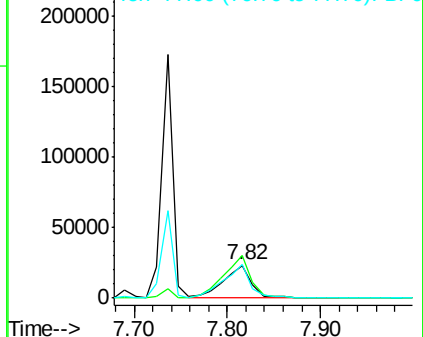


#32
Benzoic acid
Concen: 9.10 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.06 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.7	101.6	141.6
77	101.2	70.6	110.6



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





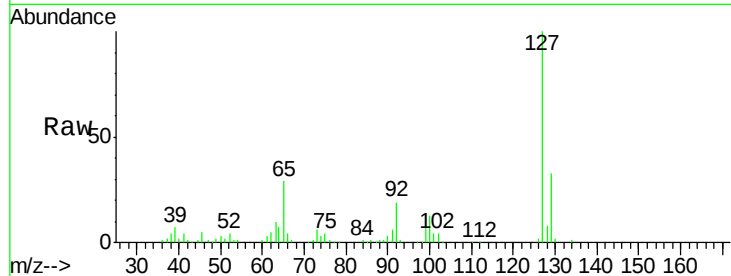
#33
4-Chloroaniline
Concen: 11.56 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

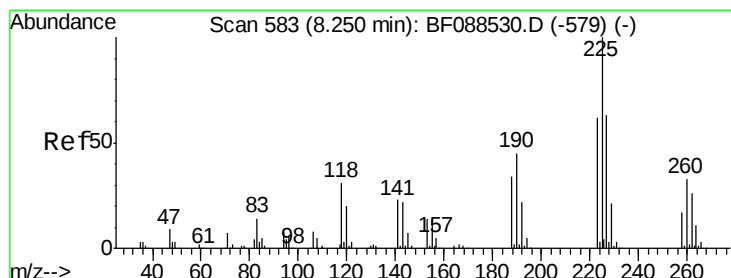
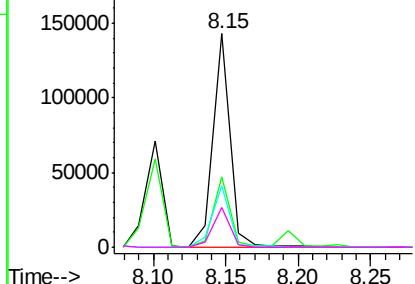
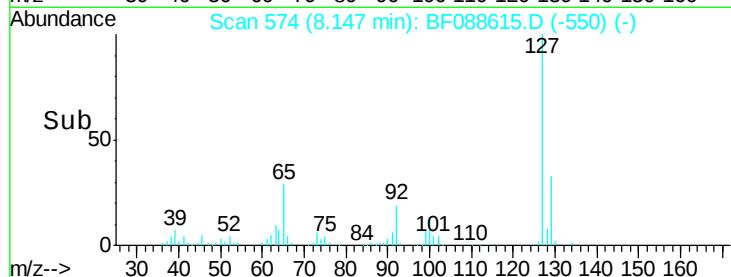
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	28.8	24.7	37.1
92	18.8	15.4	23.0

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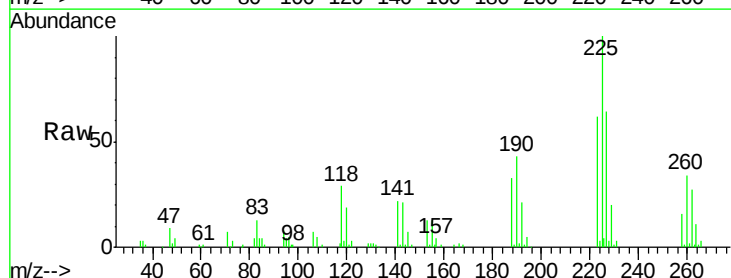


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

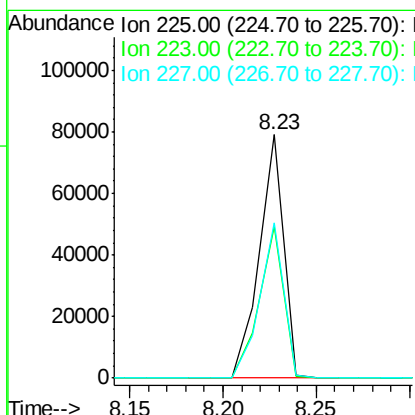
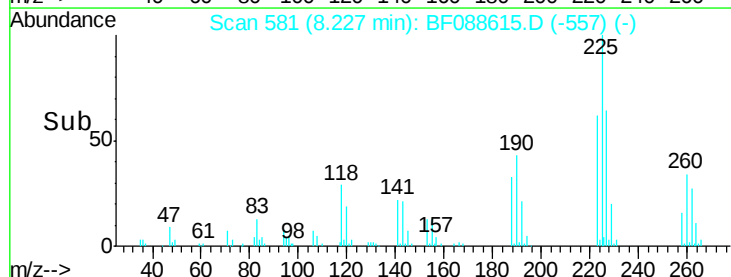


#34
Hexachlorobutadiene
Concen: 19.71 ng
RT: 8.23 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.9	76.3
227	64.0	51.9	77.9



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





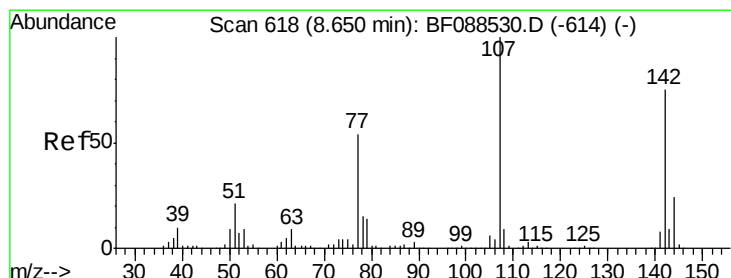
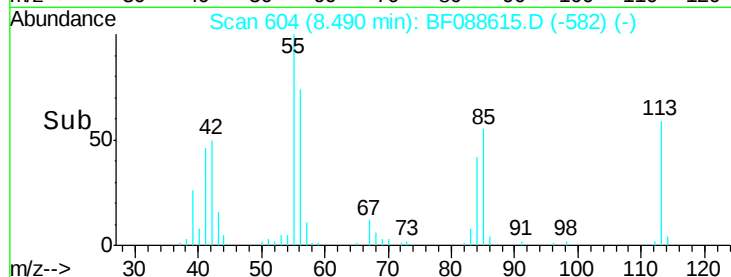
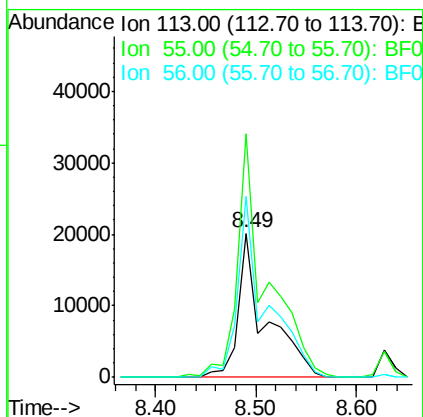
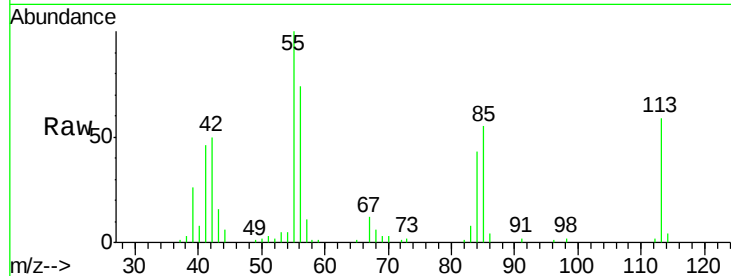
#35
 Caprolactam
 Concen: 18.30 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.05 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion:113 Resp: 38102
 Ion Ratio Lower Upper
 113 100
 55 168.9 158.6 198.6
 56 125.5 110.6 150.6

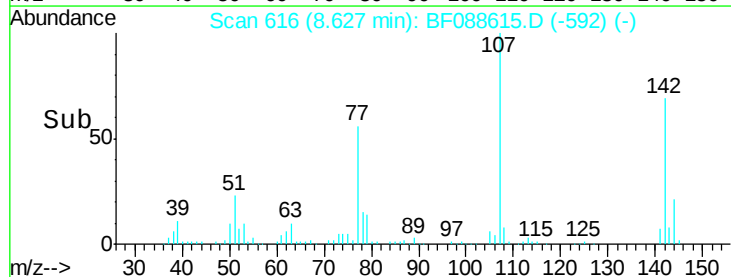
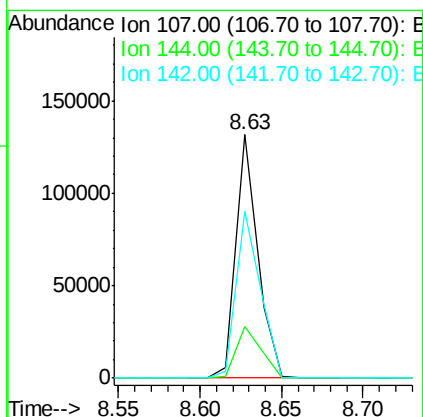
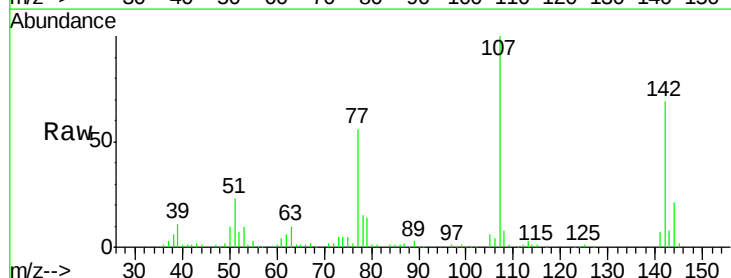
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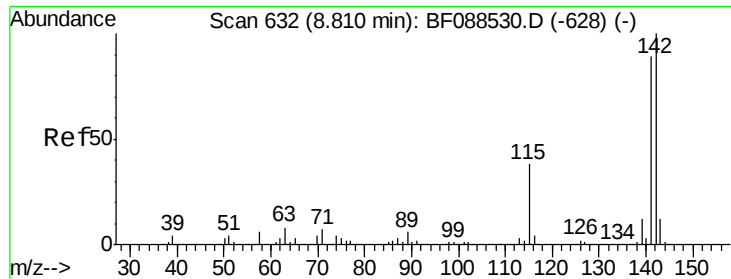
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#36
 4-Chloro-3-methylphenol
 Concen: 16.73 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion:107 Resp: 121221
 Ion Ratio Lower Upper
 107 100
 144 21.5 20.8 31.2
 142 68.5 63.4 95.2





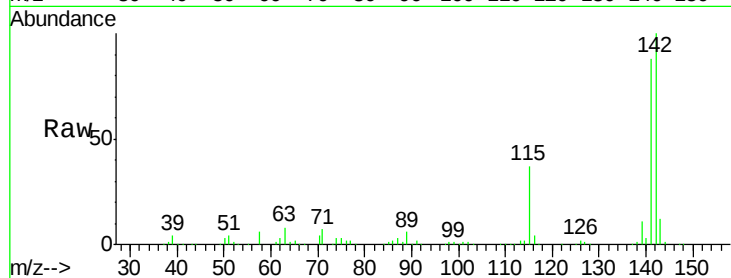
#37
2-Methylnaphthalene
Concen: 18.17 ng
RT: 8.79 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

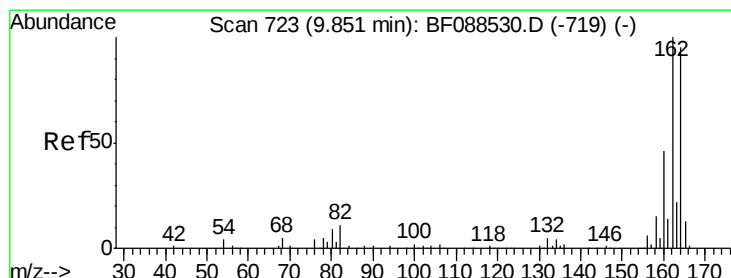
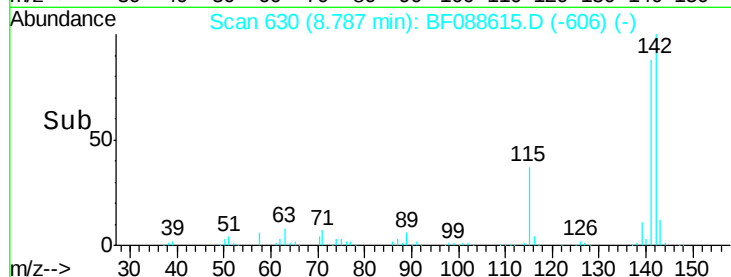
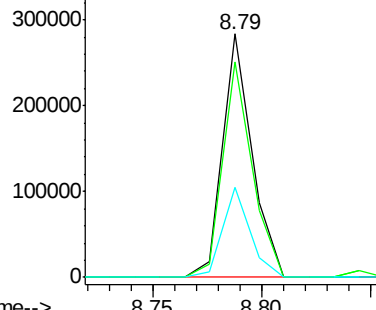
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.6
115	37.2	22.6	33.8

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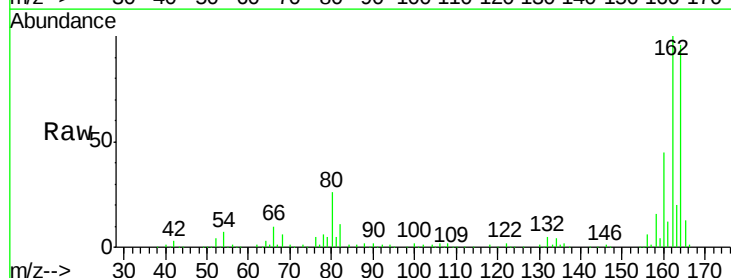


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

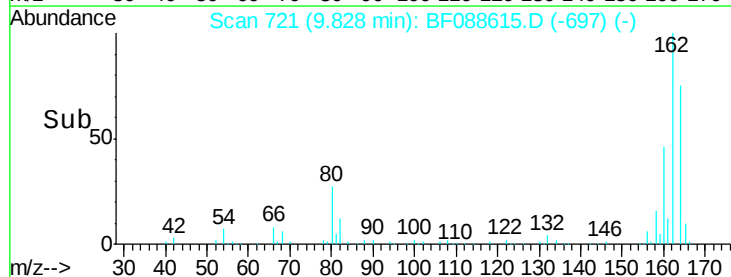
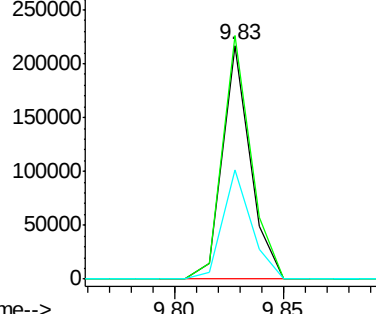


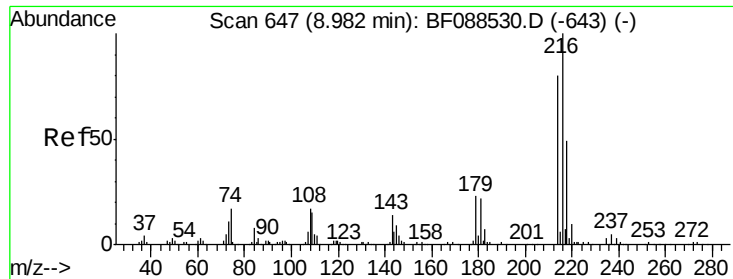
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.4	128.2
160	46.8	39.5	59.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





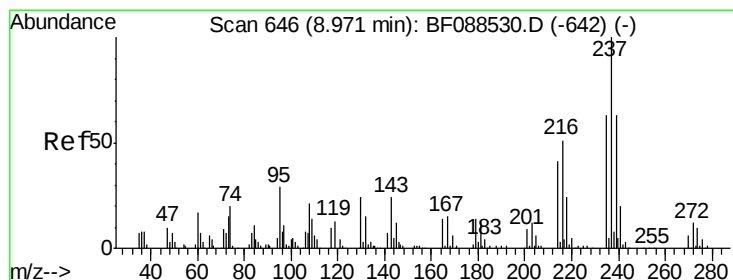
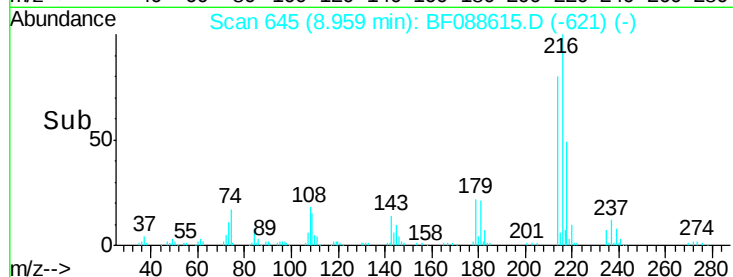
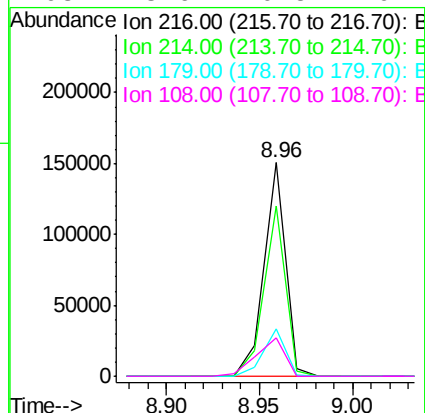
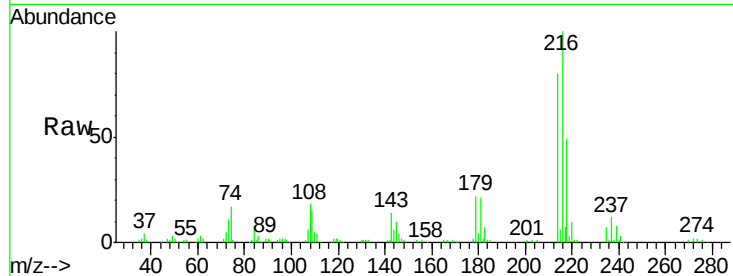
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.05 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	2.9	4.3#
179	22.7	0.0	0.0#
108	23.6	0.5	0.7#

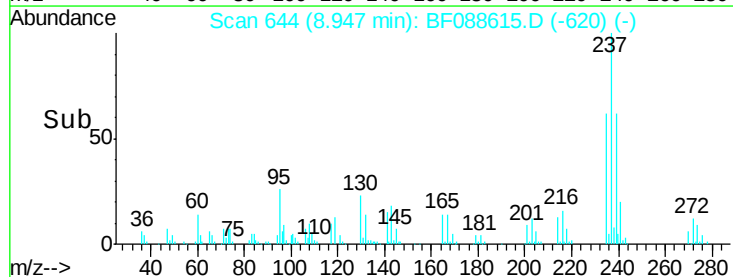
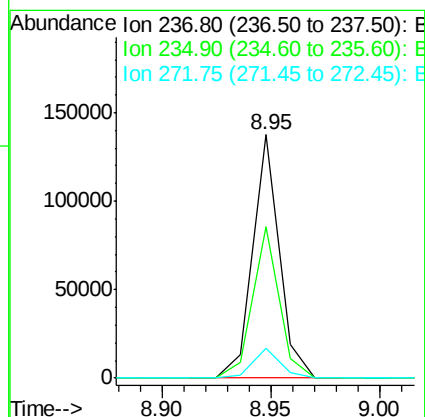
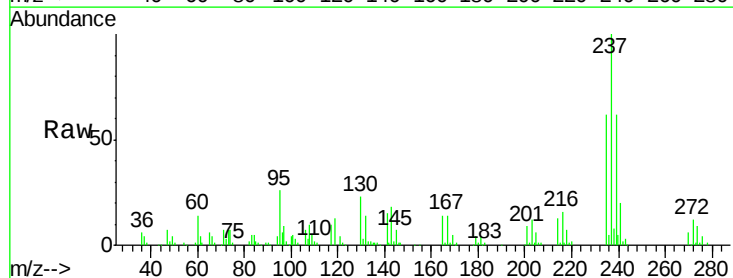
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#40
 Hexachlorocyclopentadiene
 Concen: 37.13 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.4	43.4	83.4
272	12.2	0.0	32.3





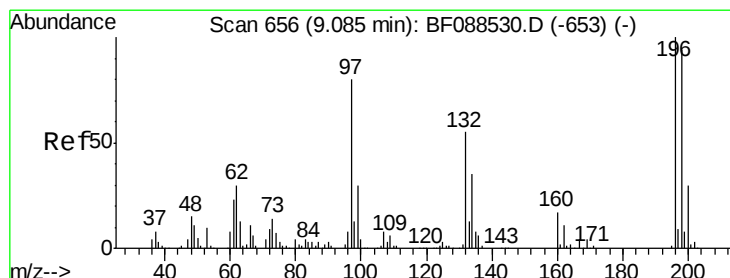
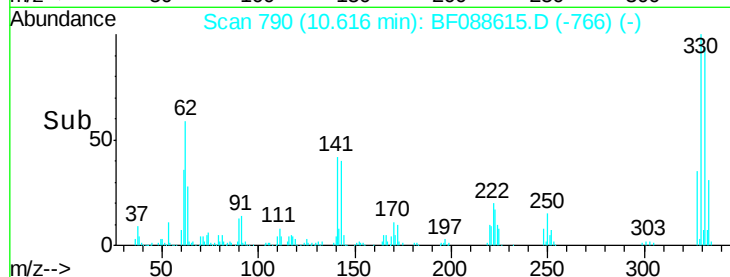
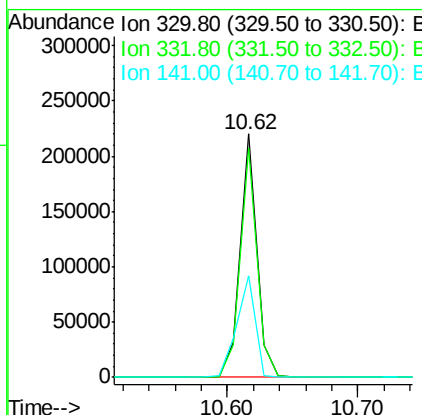
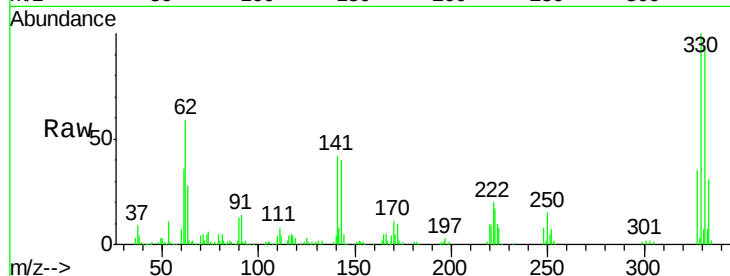
#41
 2,4,6-Tribromophenol
 Concen: 108.70 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	194046		
332	95.1	0.0	0.0	0.0
141	45.7	0.0	0.0	0.0

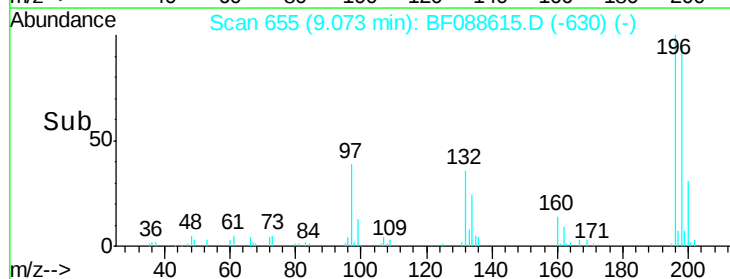
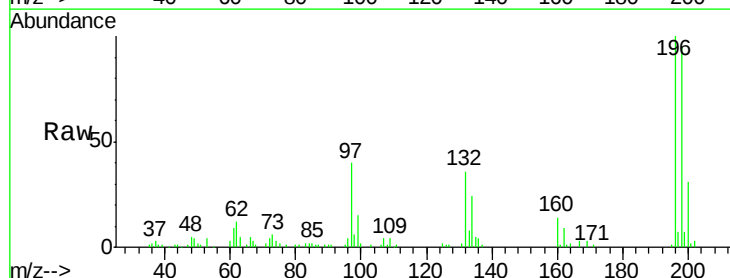
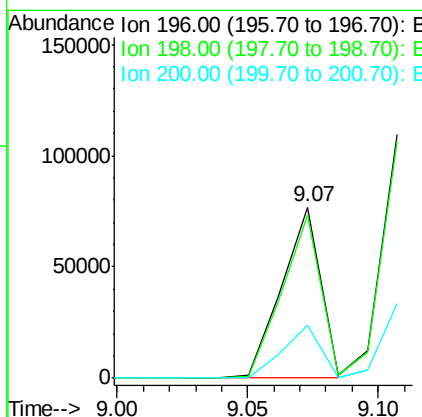
Manual Integrations

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#42
 2,4,6-Trichlorophenol
 Concen: 18.81 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

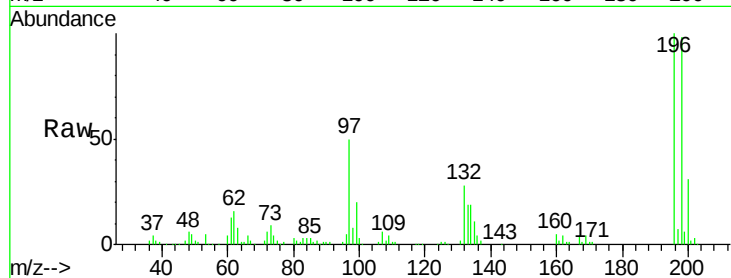
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	79318		
198	95.2	78.0	117.0	
200	30.7	25.4	38.2	





#43
 2,4,5-Trichlorophenol
 Concen: 24.05 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

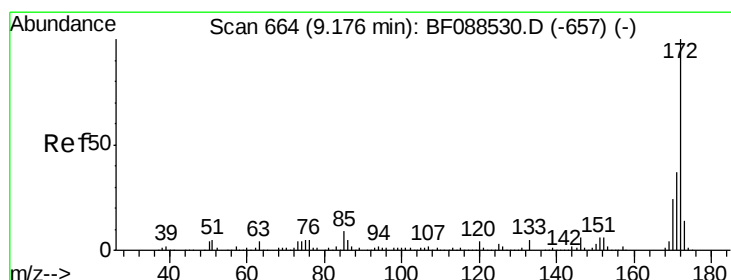
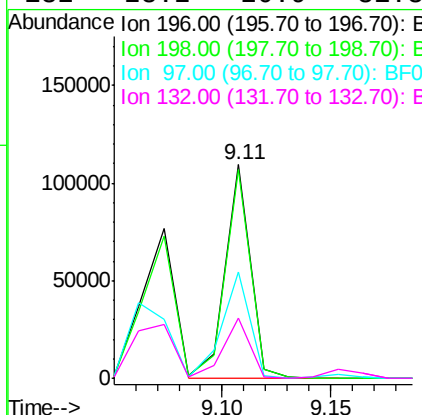
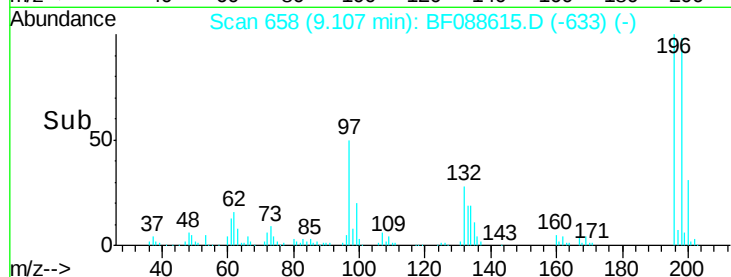
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD



Tgt Ion:196 Resp: 87229
 Ion Ratio Lower Upper
 196 100
 198 97.6 77.5 116.3
 97 50.0 32.0 48.0#
 132 28.2 20.9 31.3

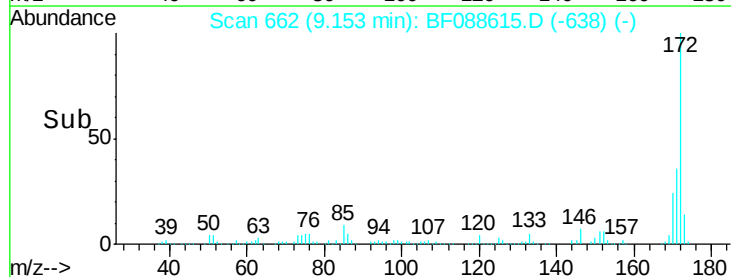
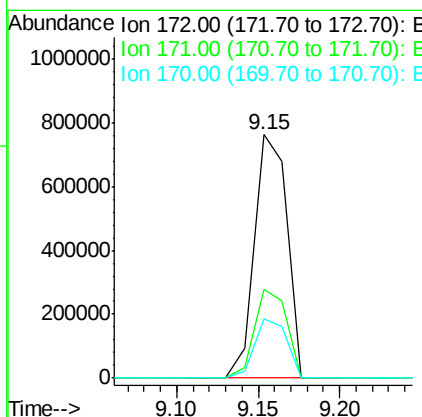
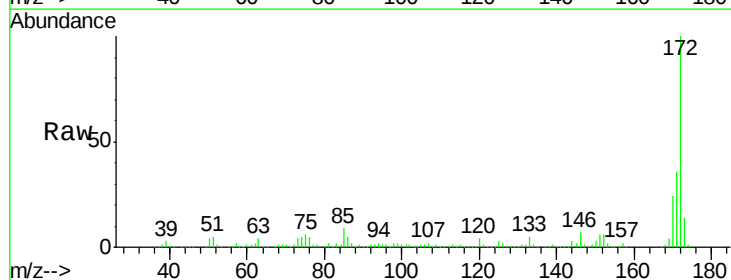
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#44
 2-Fluorobiphenyl
 Concen: 86.65 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

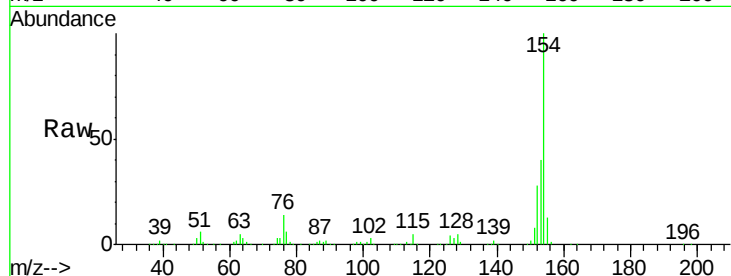
Tgt Ion:172 Resp: 1054586
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.4 19.2 28.8





#45
 1,1'-Biphenyl
 Concen: 22.48 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

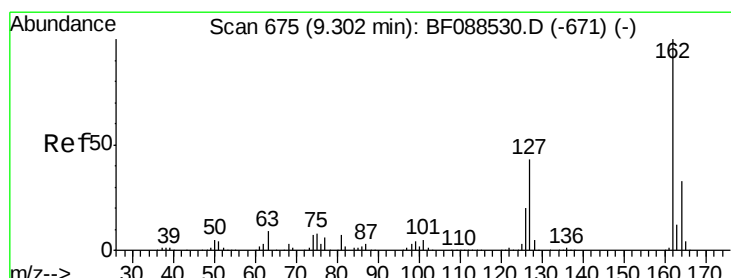
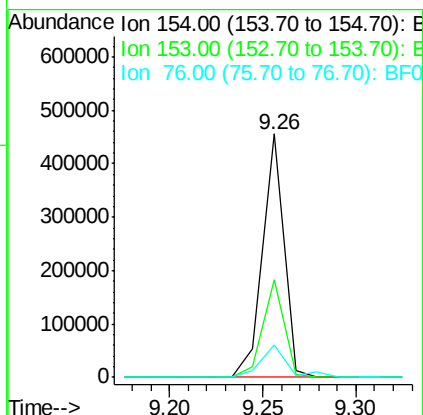
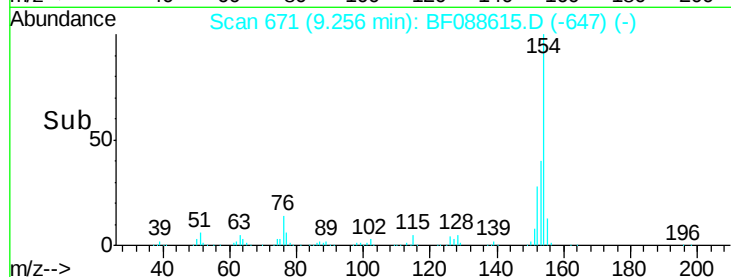
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD



Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	13.5	0.0	35.1

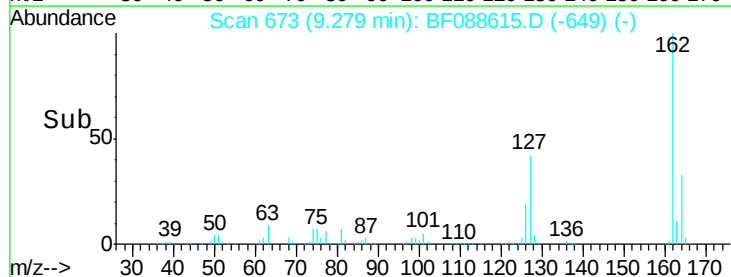
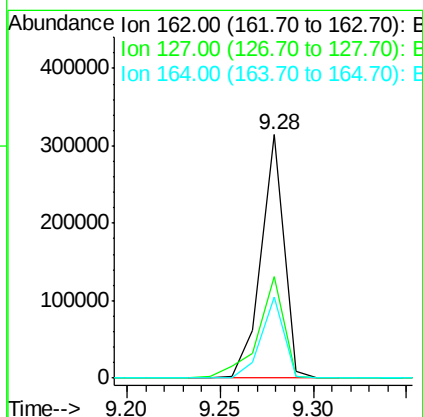
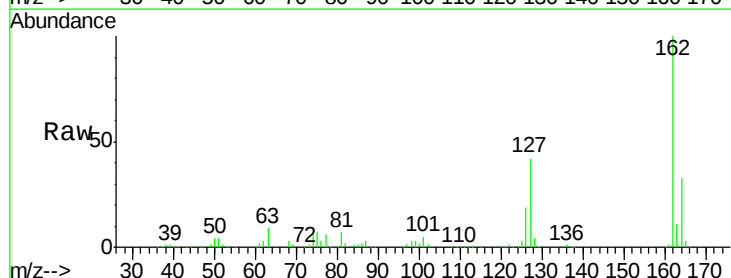
Manual Integrations

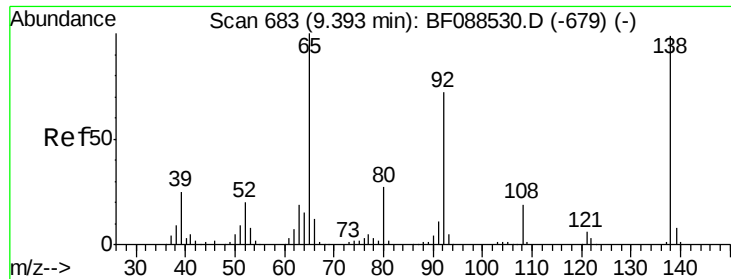
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#46
 2-Chloronaphthalene
 Concen: 21.23 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

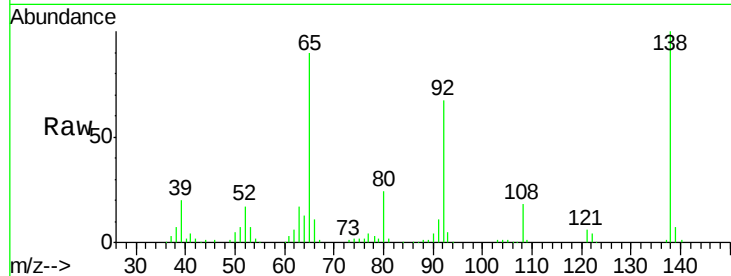
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	35.2	52.8
164	33.3	26.6	39.8





#47
2-Nitroaniline
Concen: 20.46 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

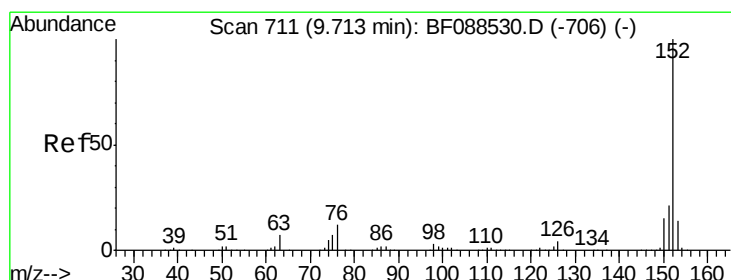
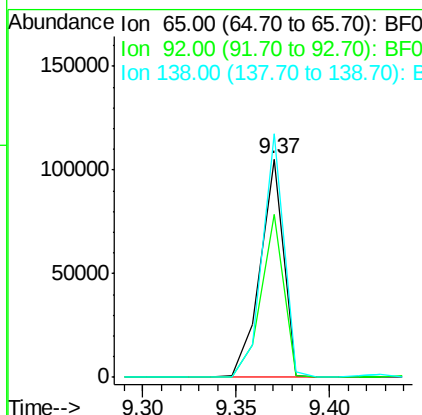
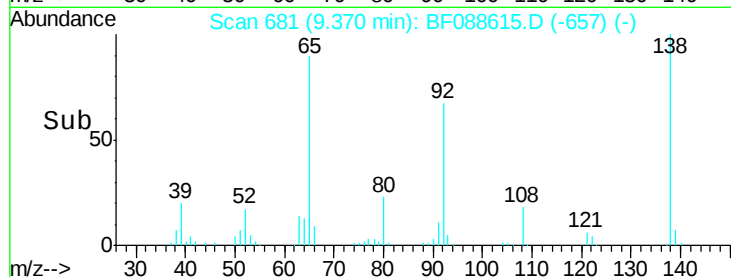
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD



Tgt Ion: 65 Resp: 90740
Ion Ratio Lower Upper
65 100
92 74.7 54.6 82.0
138 111.6 77.0 115.4

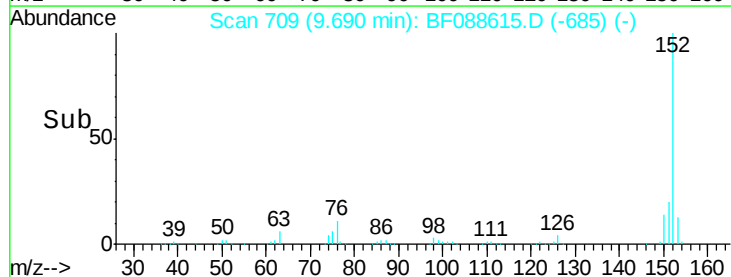
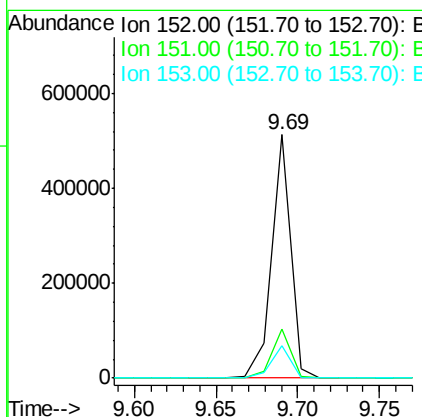
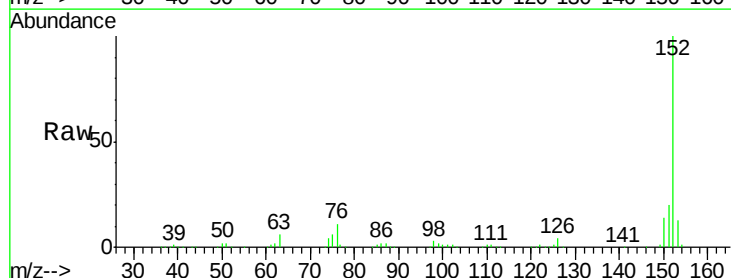
Manual Integrations

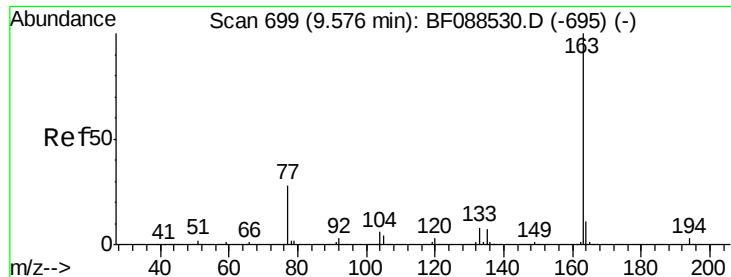
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#48
Acenaphthylene
Concen: 21.07 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion: 152 Resp: 418986
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.1 11.0 16.6





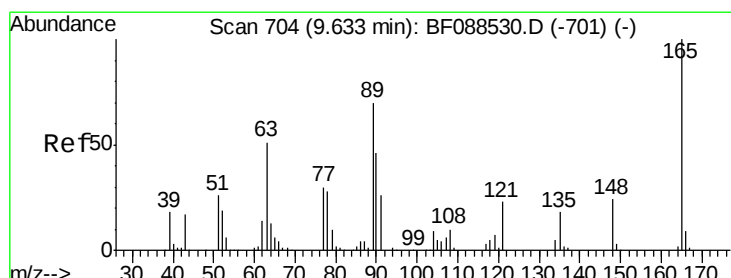
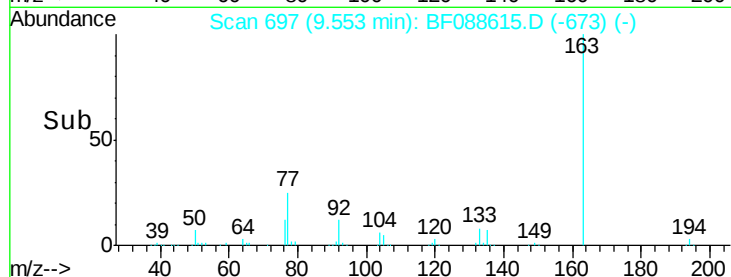
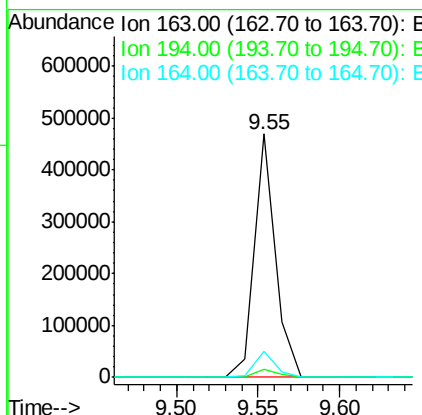
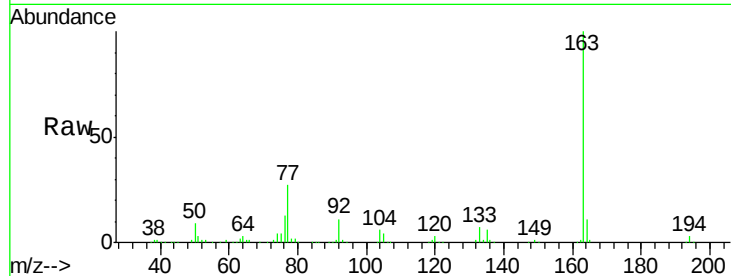
#49
Dimethylphthalate
Concen: 30.72 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.5	8.3	12.5

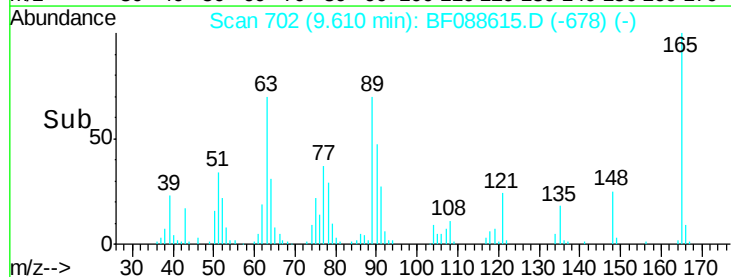
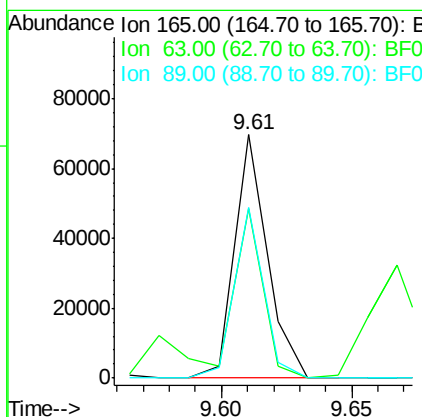
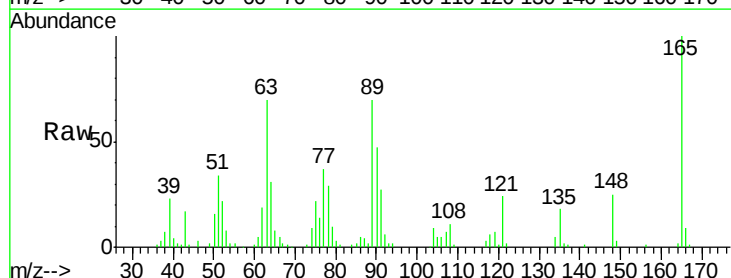
Manual Integrations

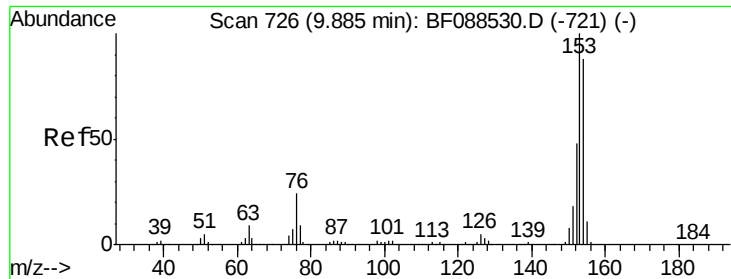
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#50
2,6-Dinitrotoluene
Concen: 20.15 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.7	28.1	42.1#
89	70.2	32.2	48.2#





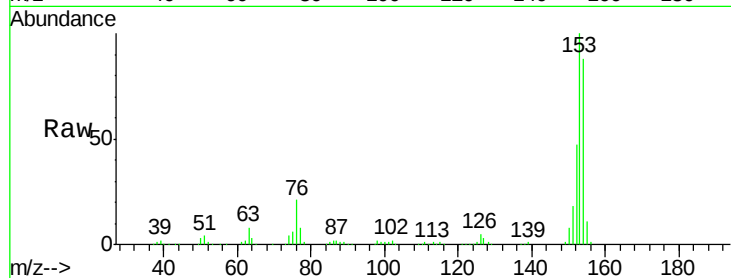
#51
Acenaphthene
Concen: 21.81 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

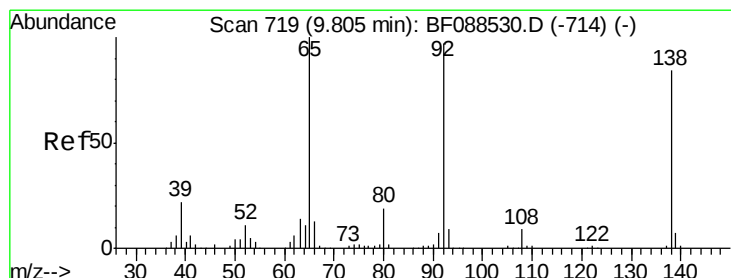
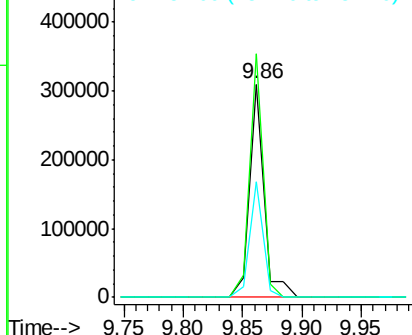
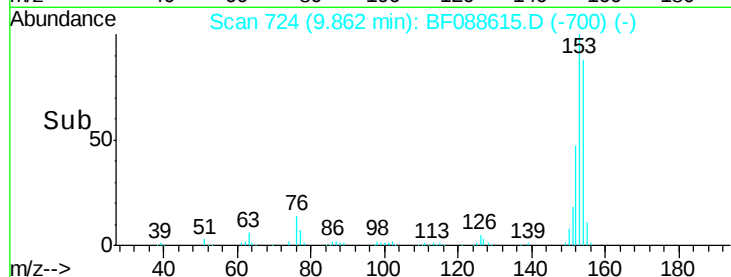
Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	89.5	134.3
152	54.2	42.7	64.1

Manual Integrations

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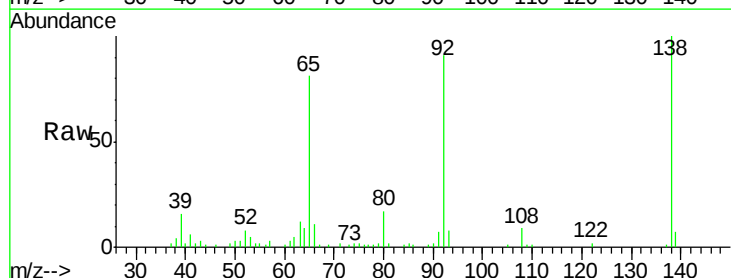


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

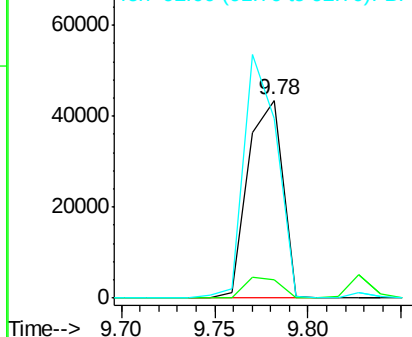
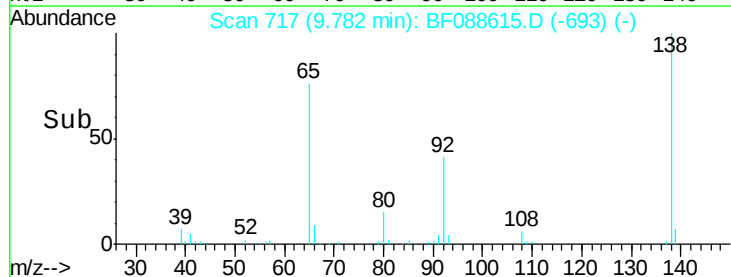


#52
3-Nitroaniline
Concen: 14.47 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.3	8.5	12.7
92	91.1	95.7	143.5#



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





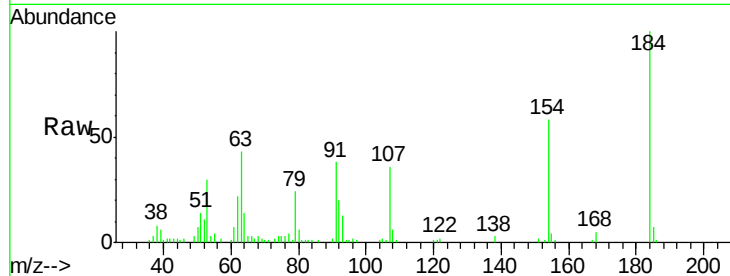
#53
 2,4-Dinitrophenol
 Concen: 26.16 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

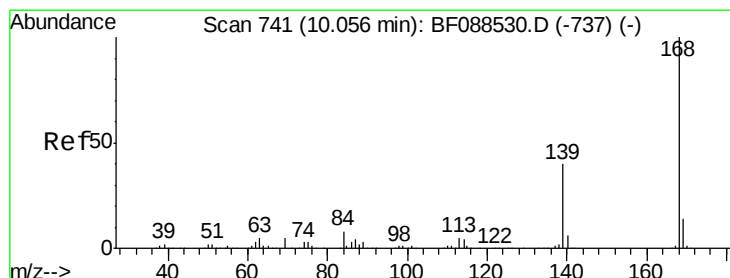
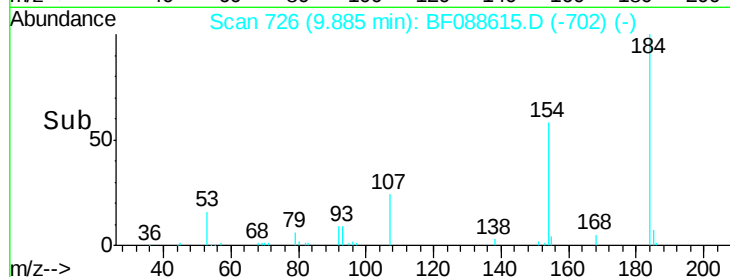
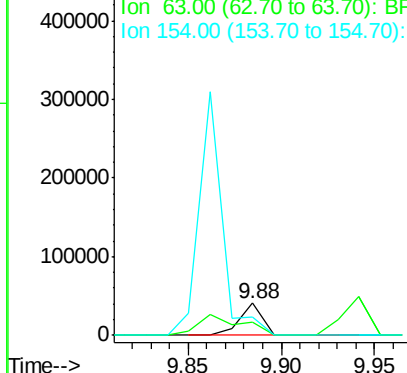
Tgt Ion:184 Resp: 35062
 Ion Ratio Lower Upper
 184 100
 63 43.1 57.6 86.4#
 154 58.3 53.5 80.3

Manual Integrations

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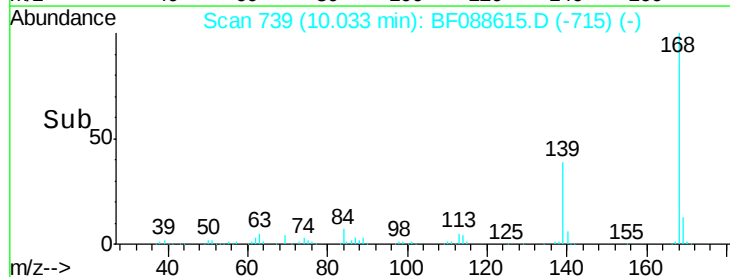
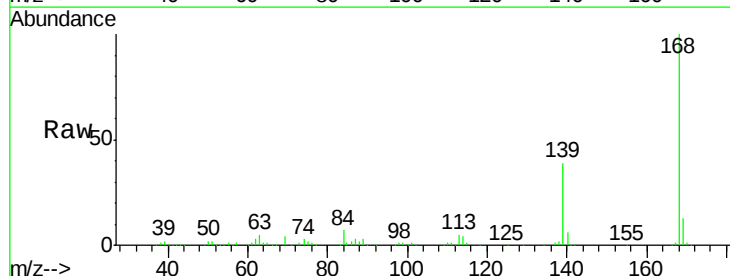
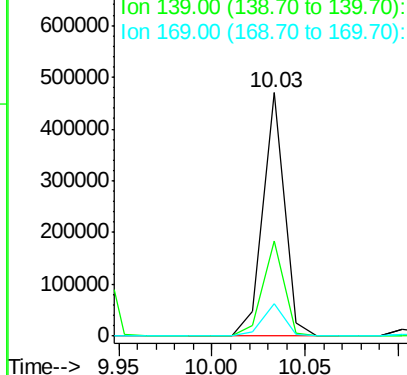
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

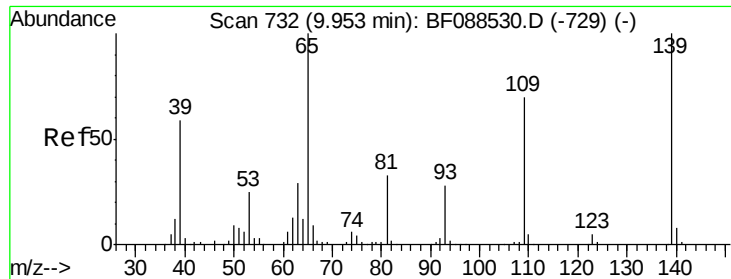


#54
 Dibenzofuran
 Concen: 23.34 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion:168 Resp: 372361
 Ion Ratio Lower Upper
 168 100
 139 39.1 26.4 39.6
 169 13.4 10.4 15.6

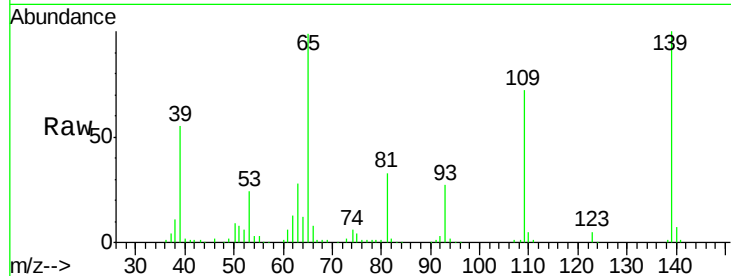
Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55
4-Nitrophenol
Concen: 55.17 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

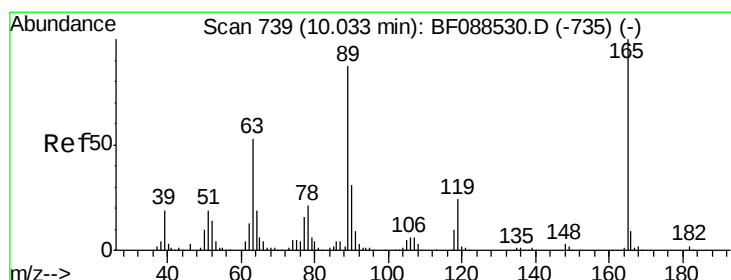
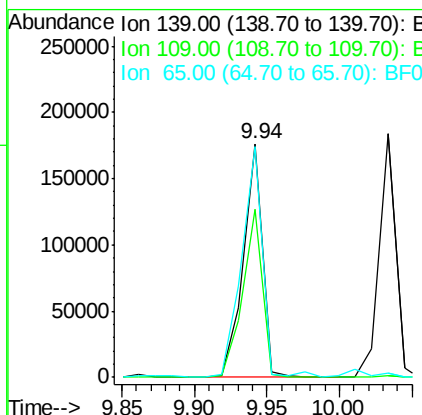
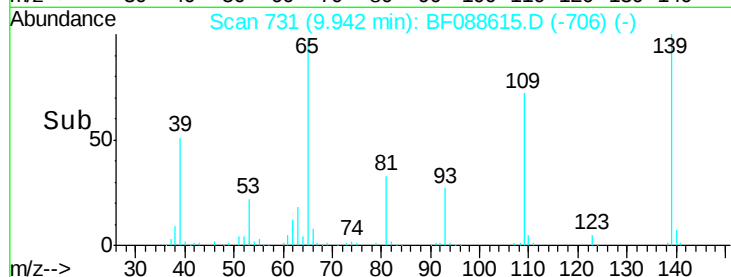
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD



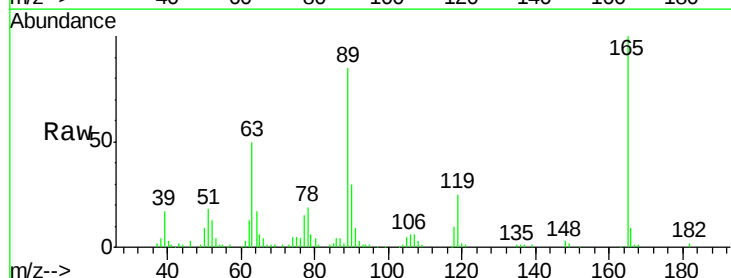
Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.7	48.9	88.9
65	98.7	84.9	124.9

Manual Integrations

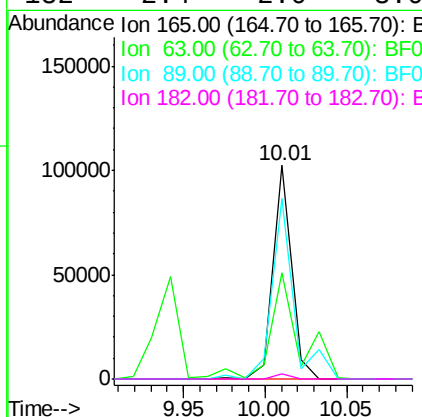
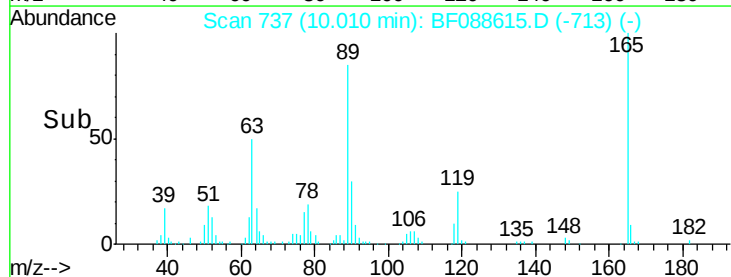
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#56
2,4-Dinitrotoluene
Concen: 20.47 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15



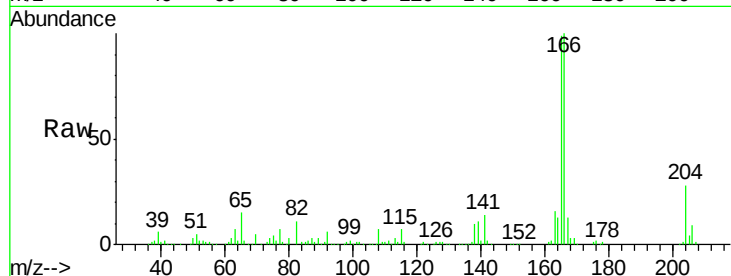
Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.9	22.0	33.0#
89	84.6	41.1	61.7#
182	2.4	2.0	3.0





#57
Fluorene
 Concen: 22.91 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

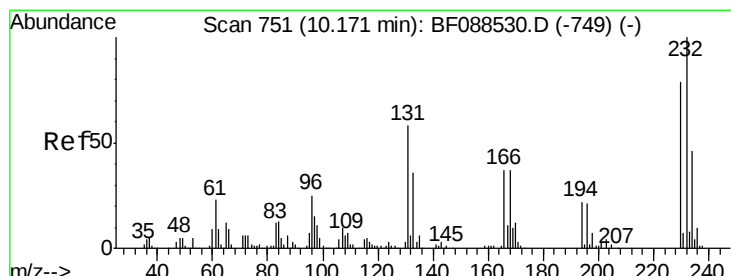
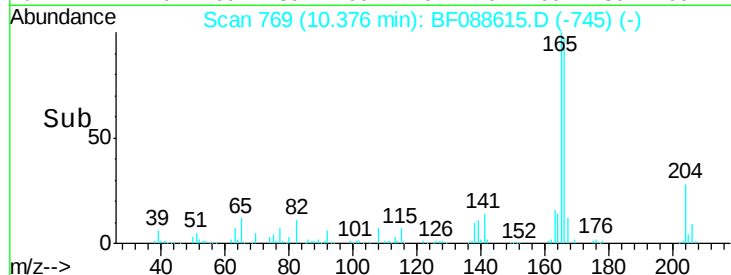
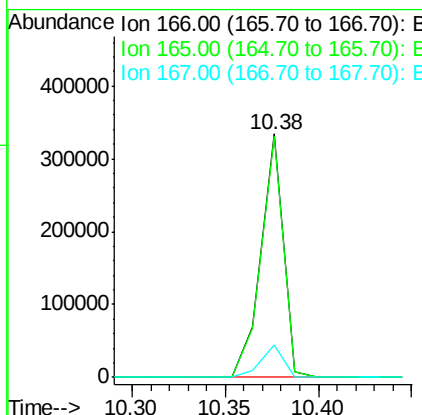
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD



Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.8	116.8
167	13.1	11.2	16.8

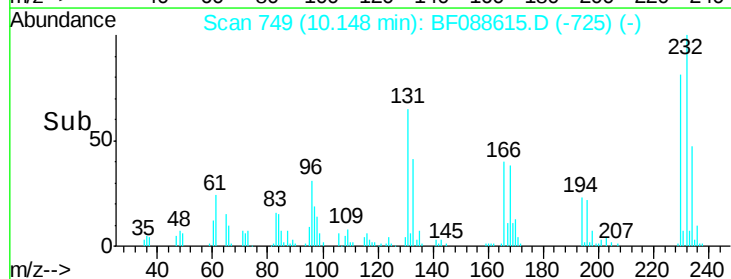
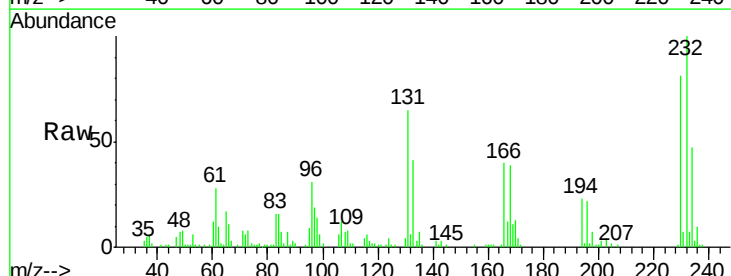
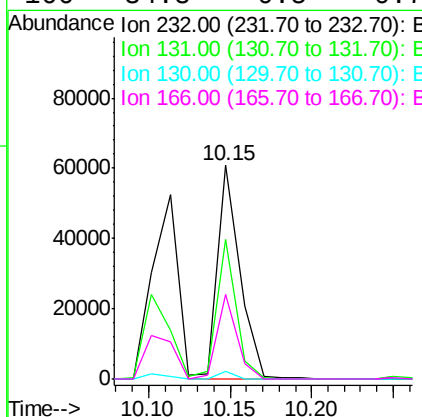
Manual Integrations

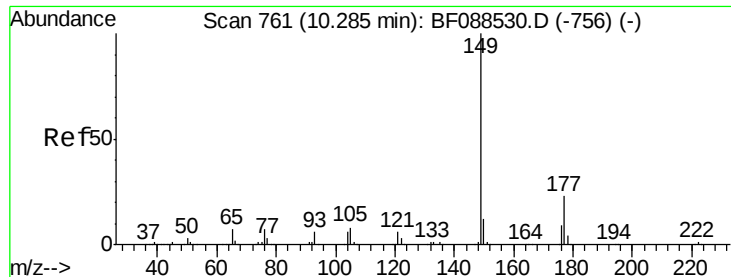
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 20.75 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.8	0.9	1.3#
130	2.5	1.5	2.3#
166	34.8	0.5	0.7#





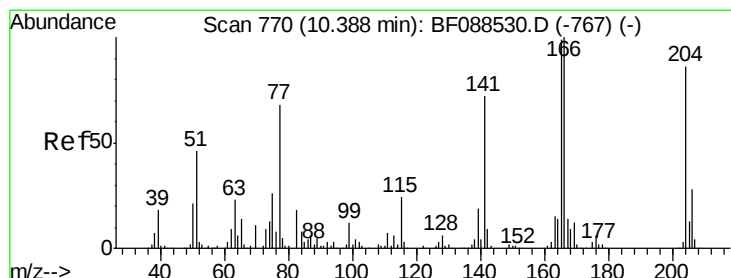
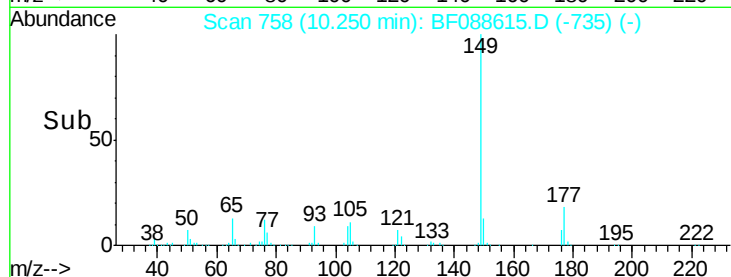
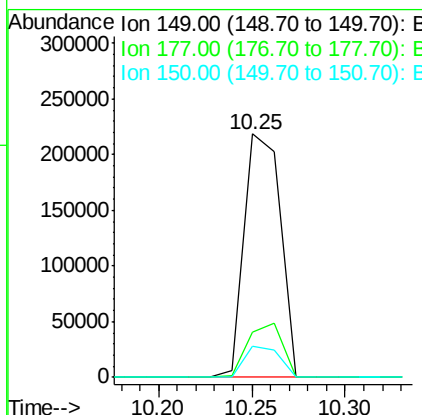
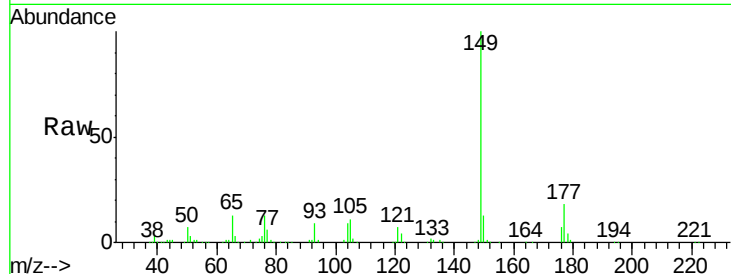
#59
Diethylphthalate
Concen: 21.41 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	18.5	16.9	25.3
150	12.8	10.1	15.1

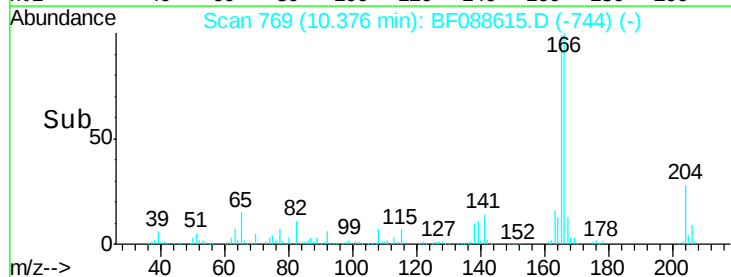
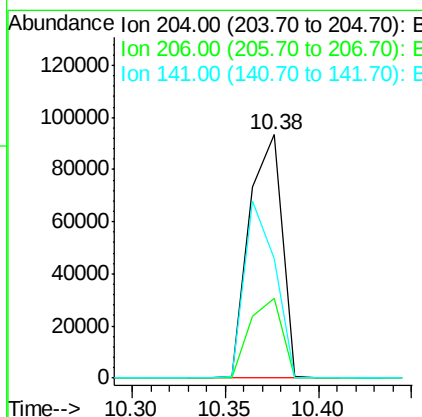
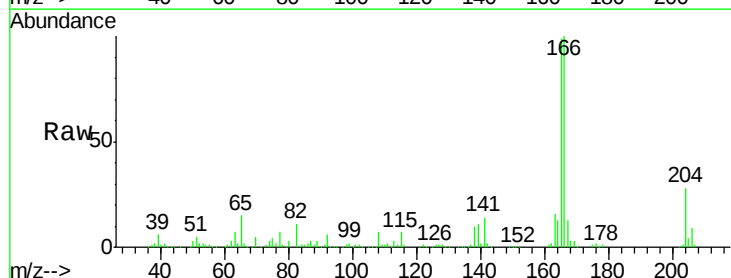
Manual Integrations

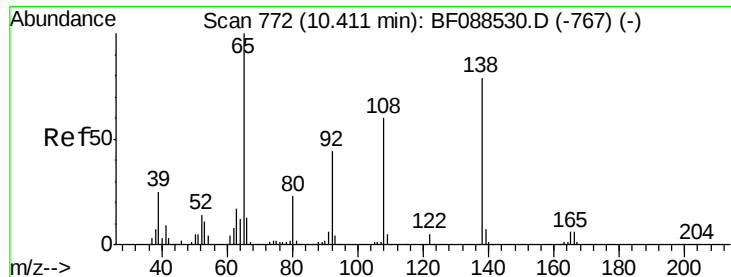
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#60
4-Chlorophenyl-phenylether
Concen: 20.19 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	48.9	55.0	82.6#





#61

4-Nitroaniline

Concen: 14.62 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF088615.D

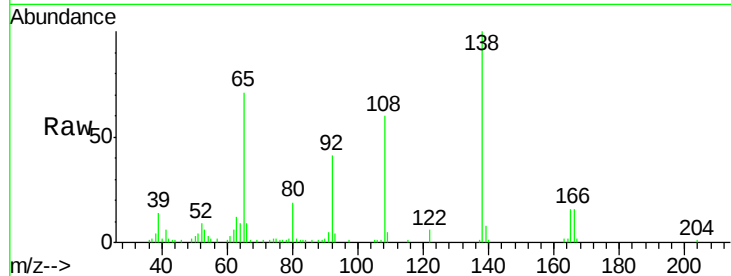
Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

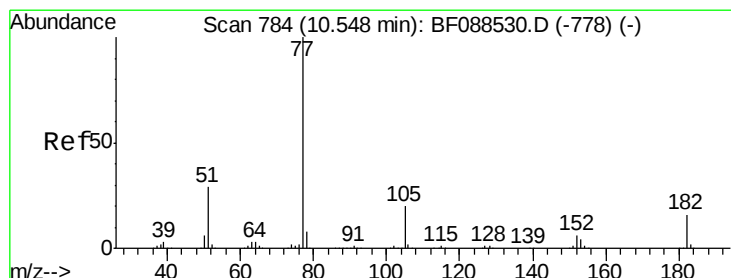
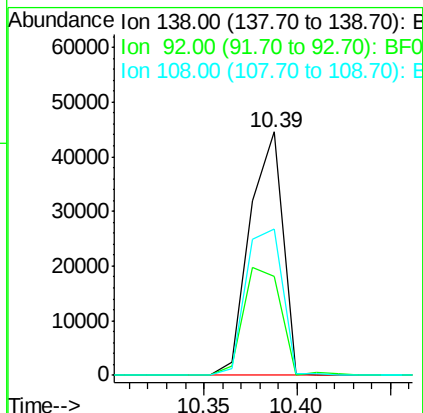
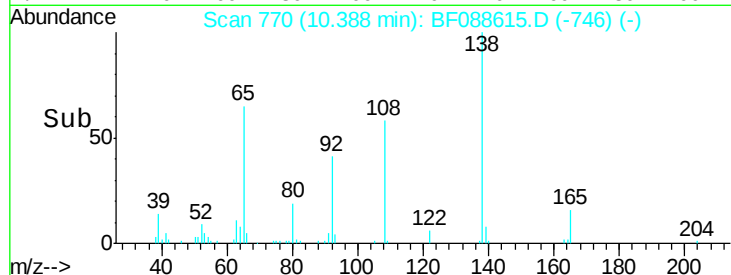


Tgt Ion:	138	Resp:	54287
Ion Ratio	Lower	Upper	
138	100		
92	40.8	27.3	67.3
108	60.4	46.7	86.7

Manual Integrations

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#62

Azobenzene

Concen: 19.49 ng

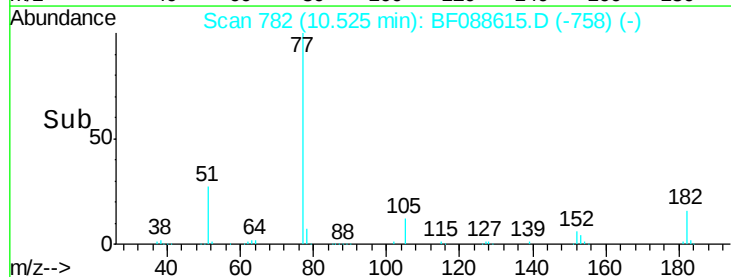
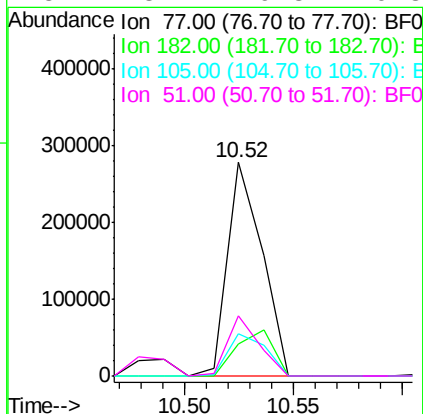
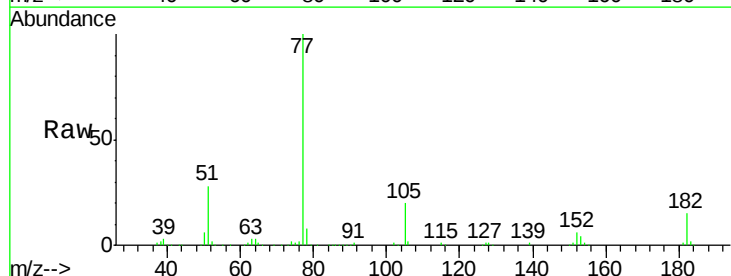
RT: 10.52 min Scan# 782

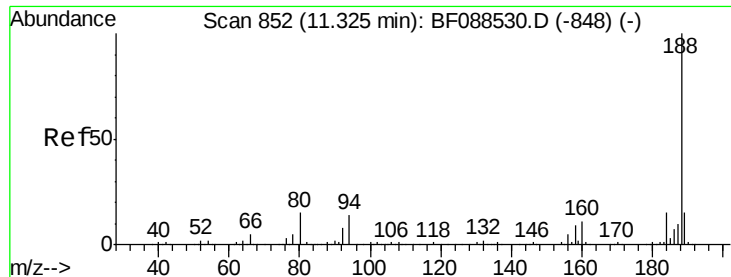
Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Tgt Ion:	77	Resp:	305599
Ion Ratio	Lower	Upper	
77	100		
182	15.2	4.4	44.4
105	20.1	3.8	43.8
51	28.2	9.3	49.3





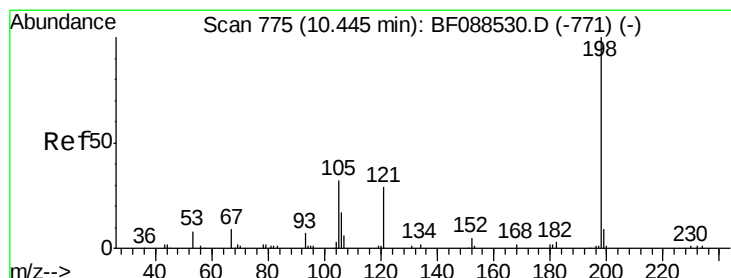
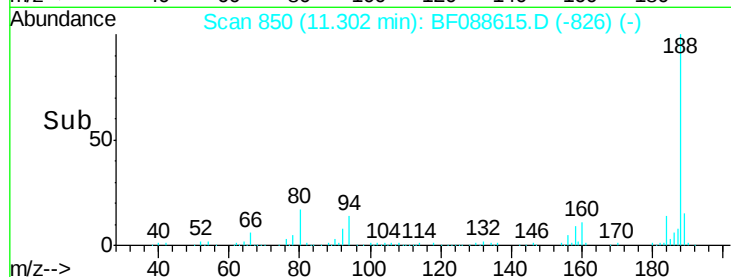
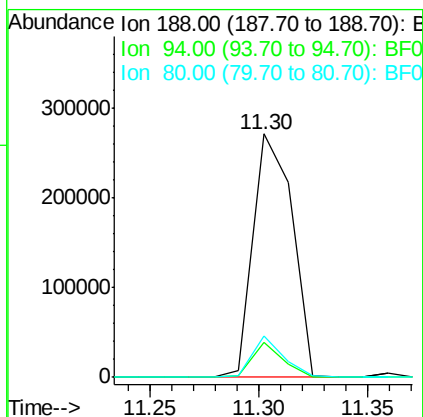
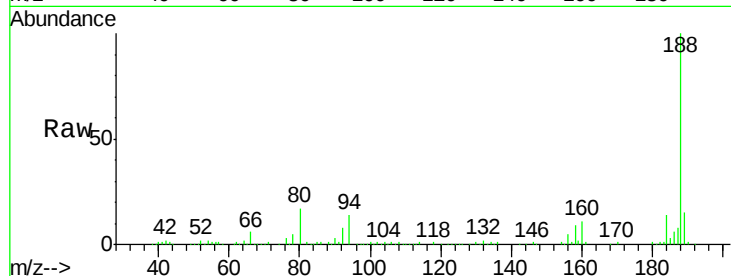
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion:188 Resp: 340772
Ion Ratio Lower Upper
188 100
94 14.4 9.0 13.6#
80 16.9 10.0 15.0#

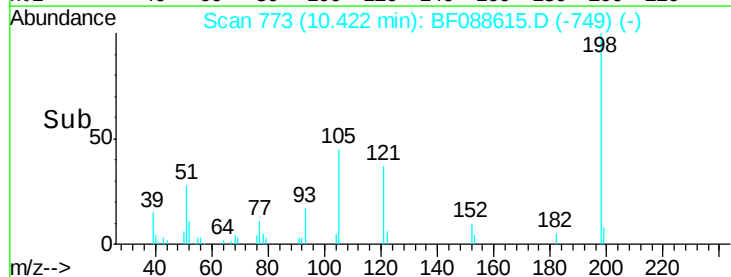
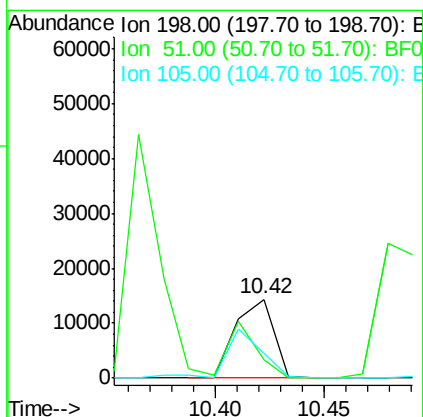
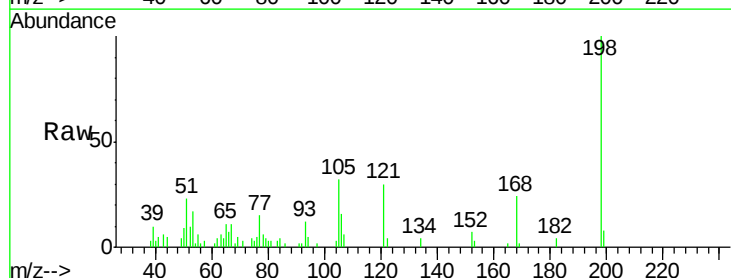
Manual Integrations

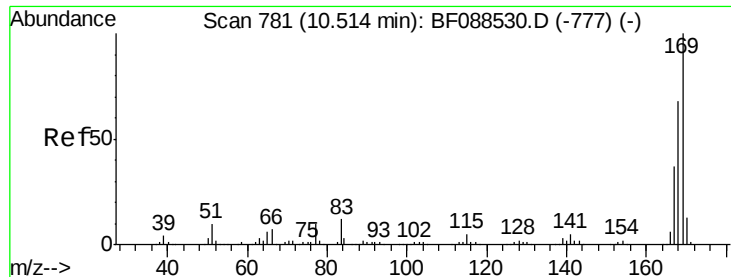
umangi
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#64
4,6-Dinitro-2-methylphenol
Concen: 9.58 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion:198 Resp: 17466
Ion Ratio Lower Upper
198 100
51 22.7 39.6 79.6#
105 31.9 36.6 76.6#





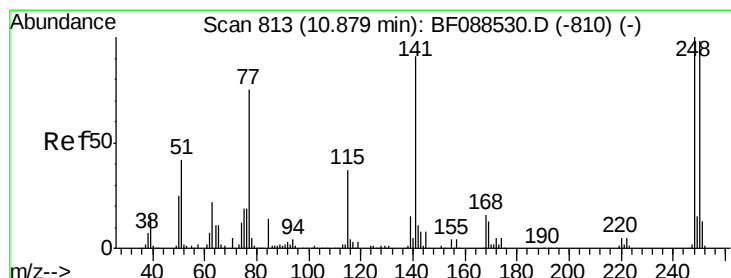
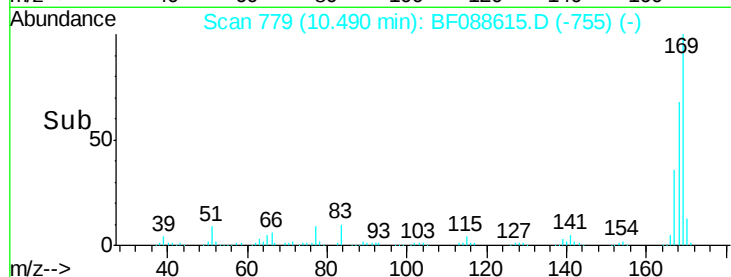
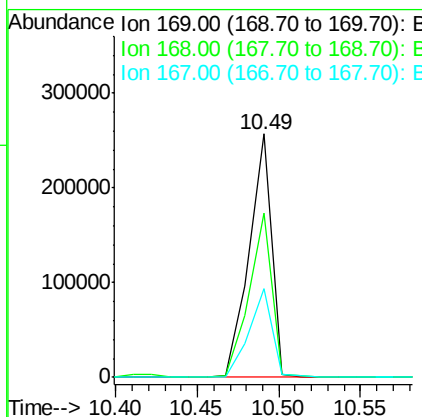
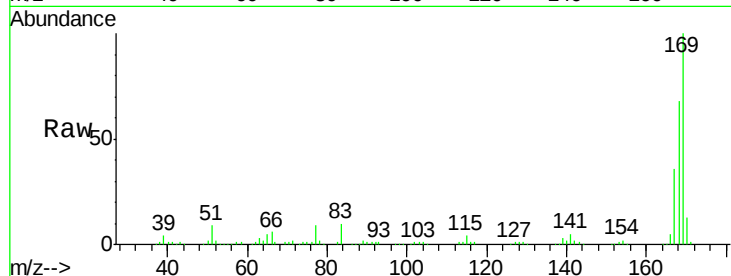
#65
 n-Nitrosodiphenylamine
 Concen: 21.31 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.4	80.0
167	36.2	29.4	44.0

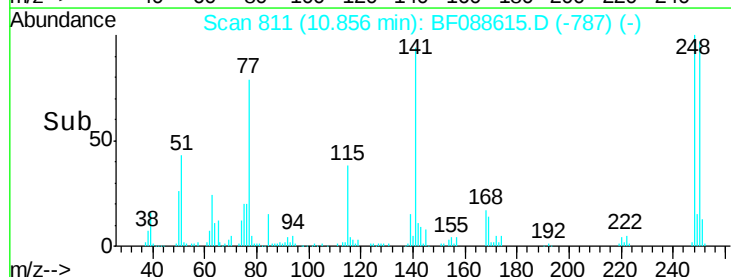
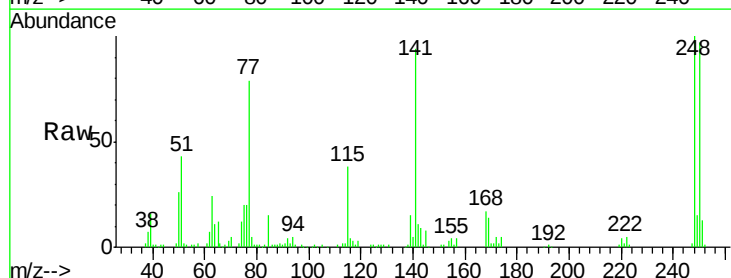
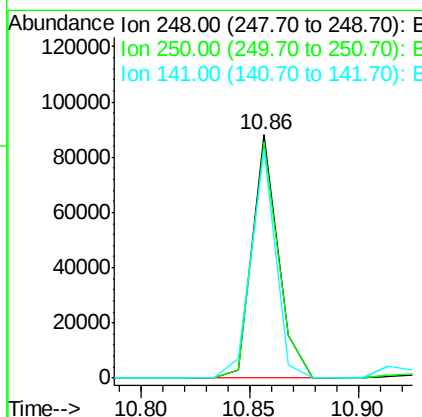
Manual Integrations

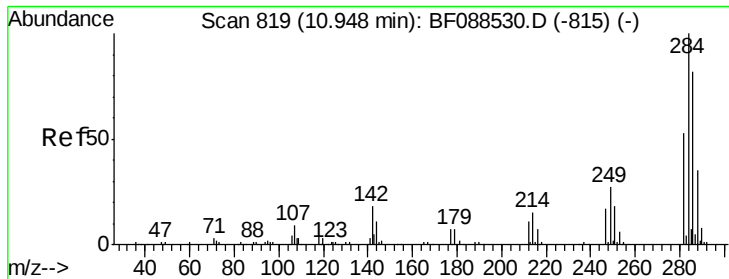
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#66
 4-Bromophenyl-phenylether
 Concen: 21.30 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.1	115.7
141	94.2	50.6	76.0





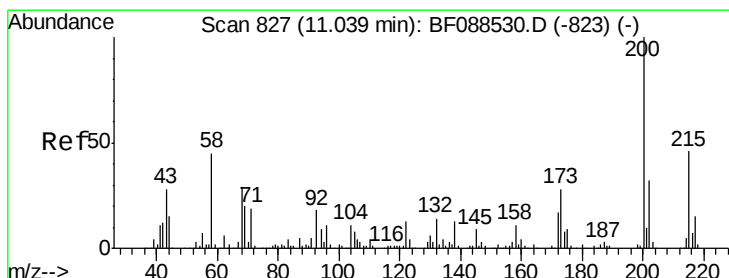
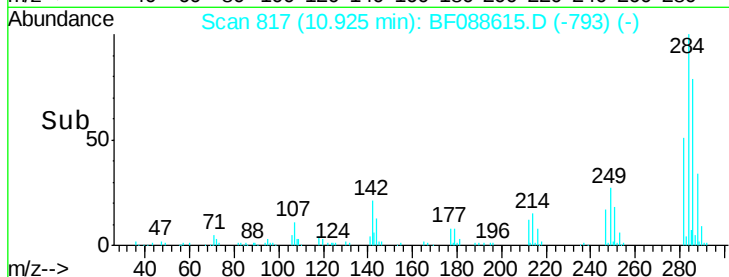
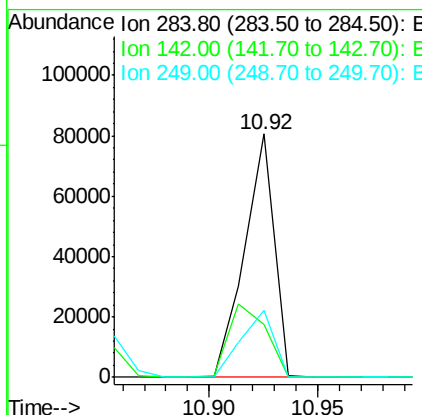
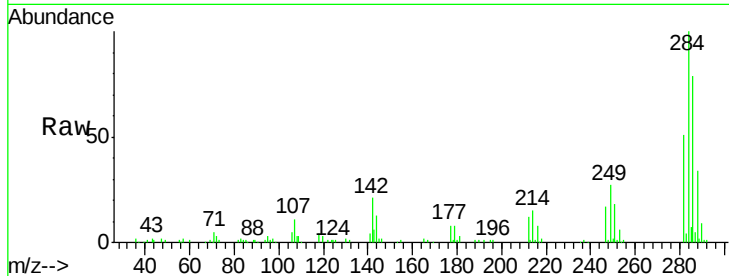
#67
Hexachlorobenzene
Concen: 20.18 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	21.5	35.8	53.8#
249	27.4	25.8	38.6

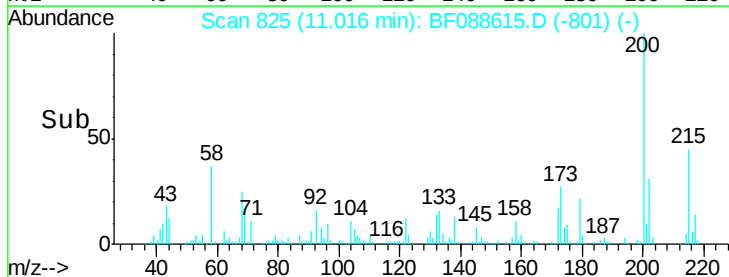
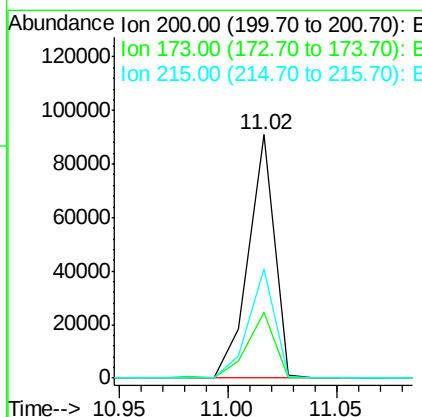
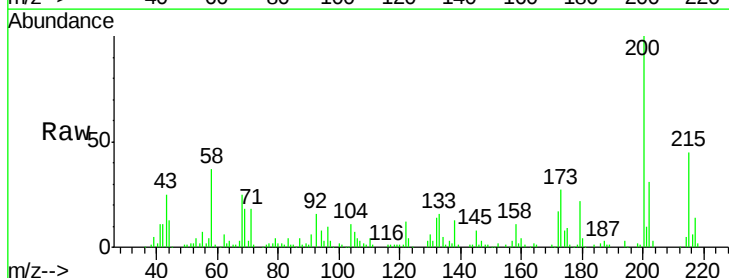
Manual Integrations

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#68
Atrazine
Concen: 21.13 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.2	4.0	44.0
215	45.1	29.3	69.3





#69

Pentachlorophenol

Concen: 45.32 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF088615.D

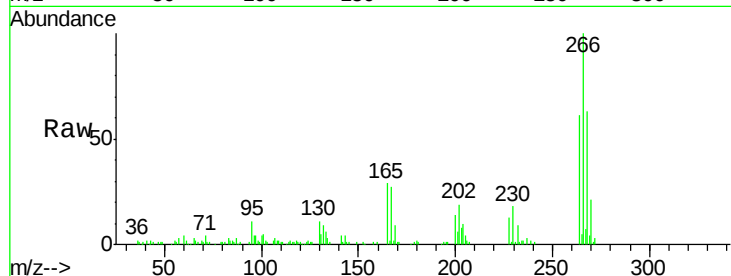
Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD



Tgt Ion: 266 Resp: 101952

Ion Ratio Lower Upper

266 100

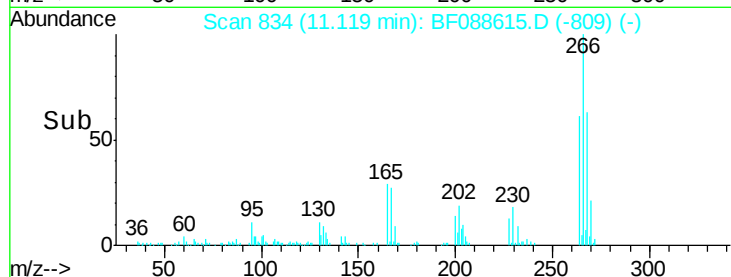
268 63.2 52.8 79.2

264 61.0 49.6 74.4

Manual Integrations

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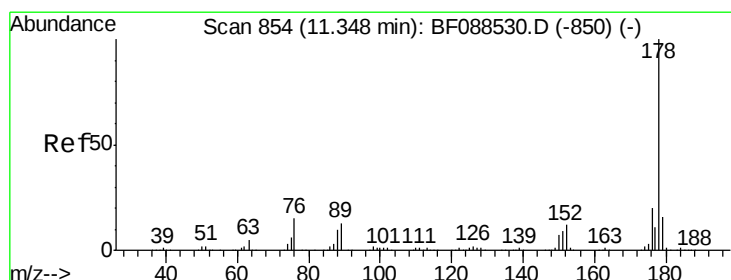
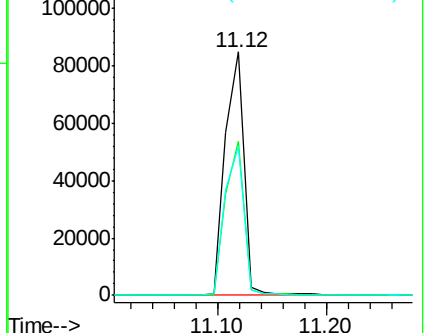
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 26.61 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

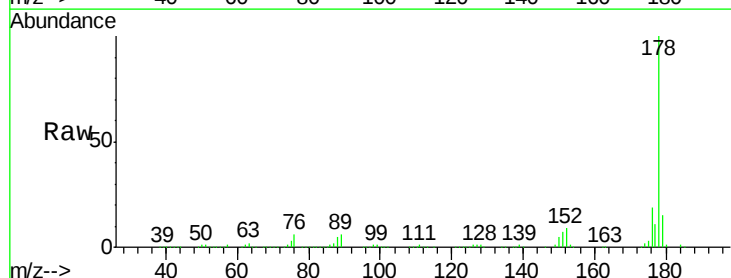
Tgt Ion: 178 Resp: 495674

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.6

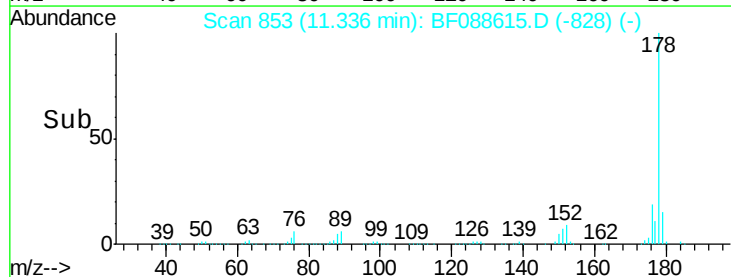
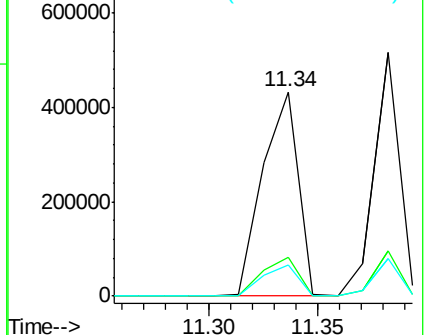
179 15.0 13.0 19.4

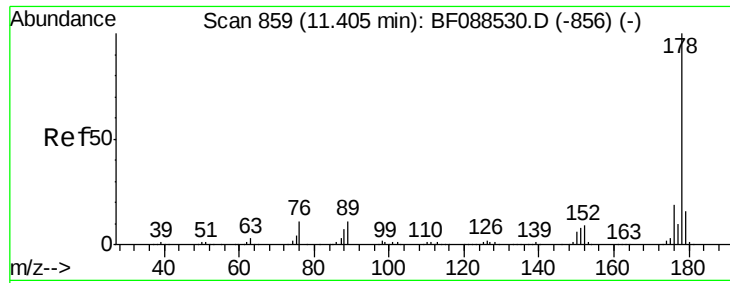


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

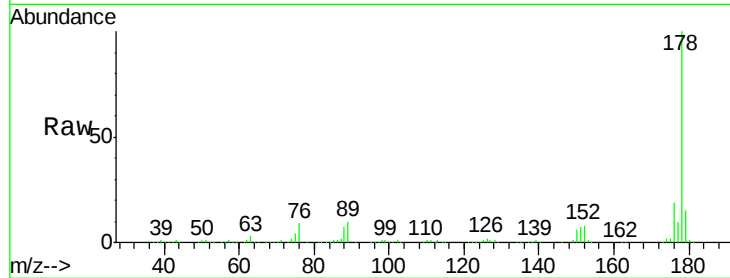
Ion 179.00 (178.70 to 179.70): E





#71
 Anthracene
 Concen: 22.49 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

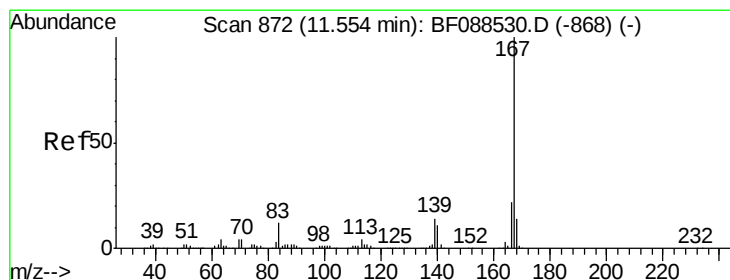
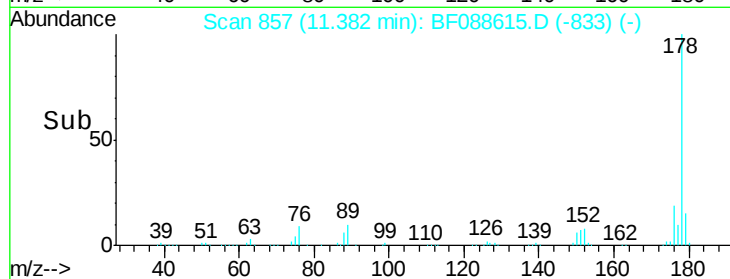
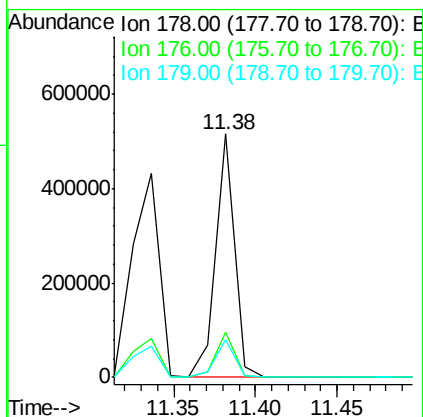
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD



Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.6	23.4
179	15.5	12.8	19.2

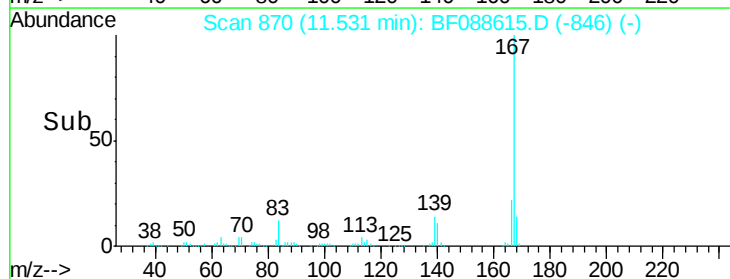
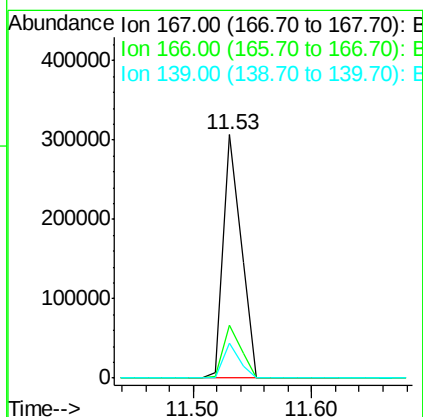
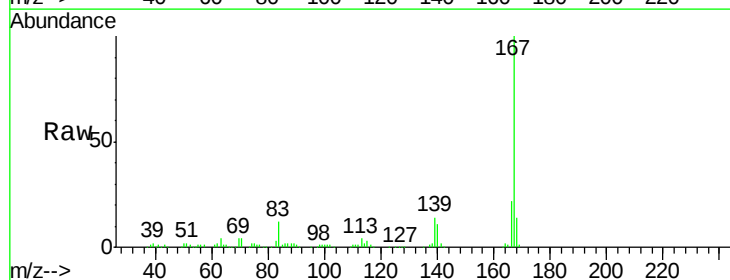
Manual Integrations

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#72
 Carbazole
 Concen: 18.19 ng
 RT: 11.53 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.6
139	14.5	11.2	16.8





#73

Di-n-butylphthalate

Concen: 21.21 ng

RT: 11.87 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

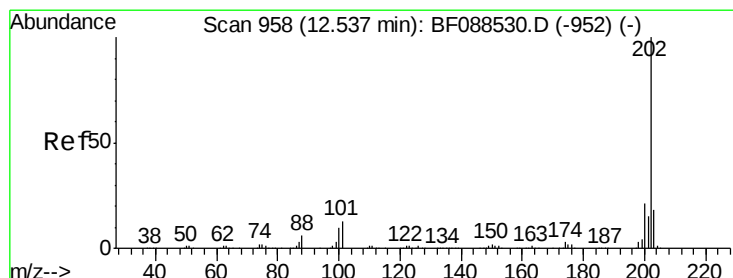
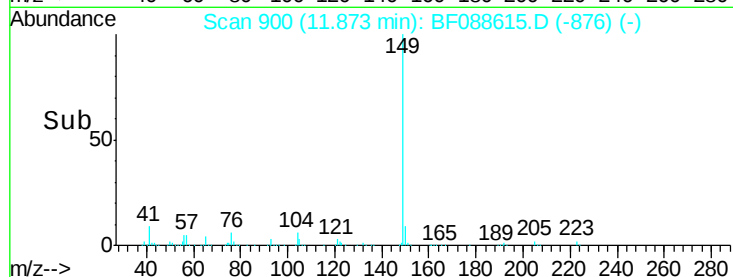
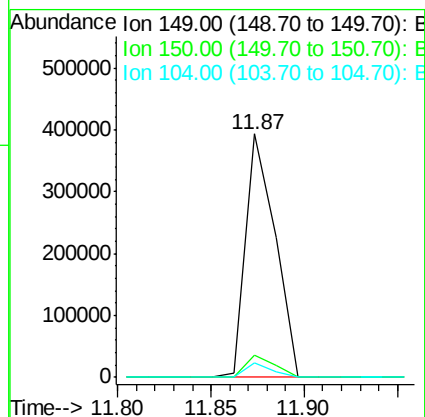
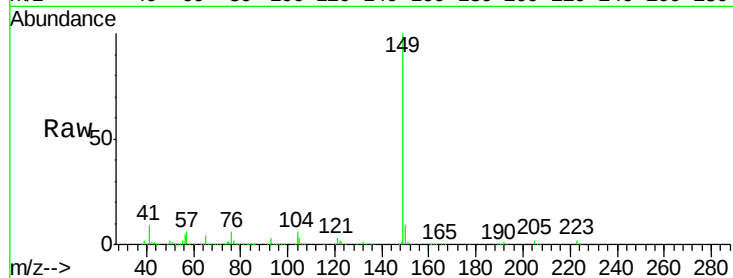
K8-B2(0-11)CMSD

Tgt Ion:	149	Resp:	430133
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	5.7	4.0	6.0

Manual Integrations

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#74

Fluoranthene

Concen: 24.22 ng

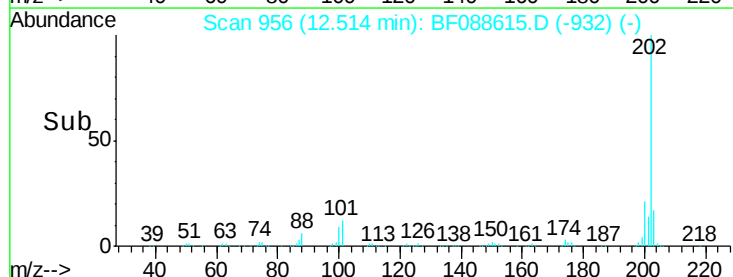
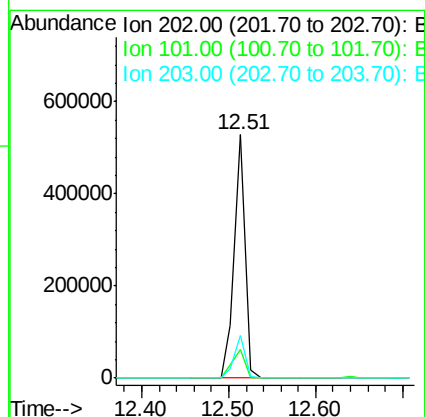
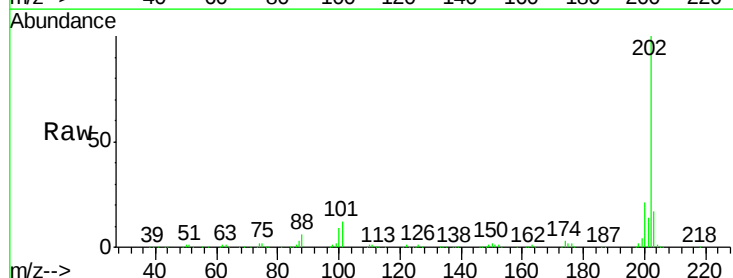
RT: 12.51 min Scan# 956

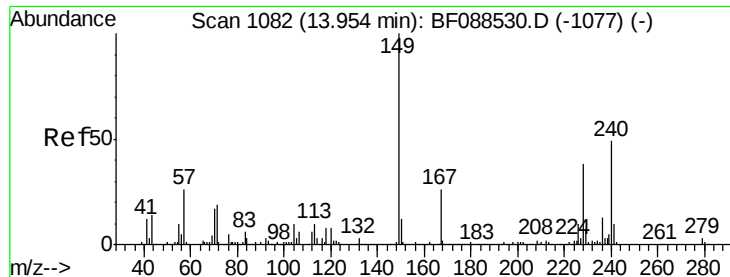
Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Tgt Ion:	202	Resp:	457421
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	33.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:240 Resp: 199615

Ion Ratio Lower Upper

240 100

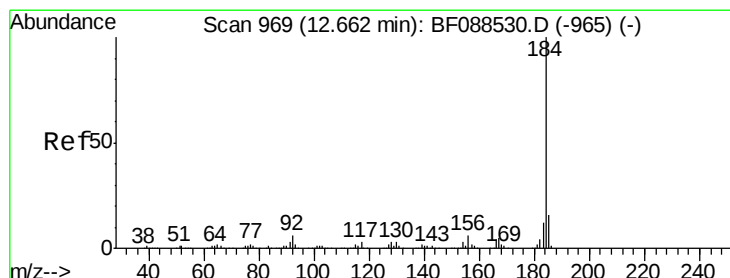
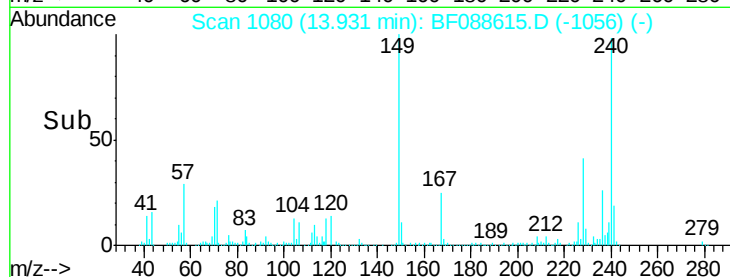
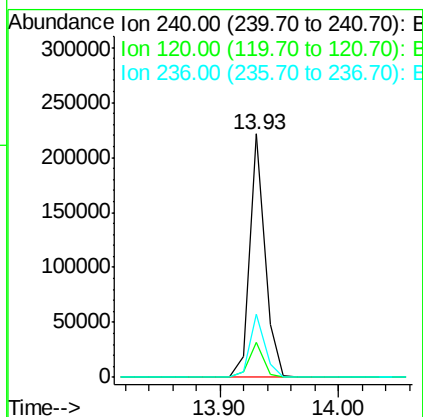
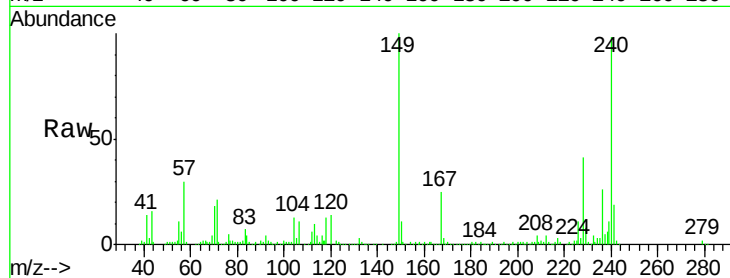
120 14.5 6.8 10.2#

236 26.0 20.2 30.2

Manual Integrations

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#76

Benzidine

Concen: 33.78 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

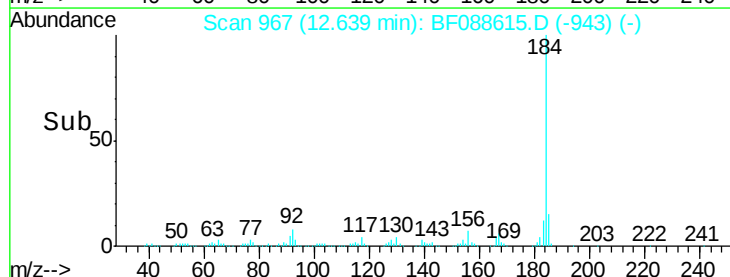
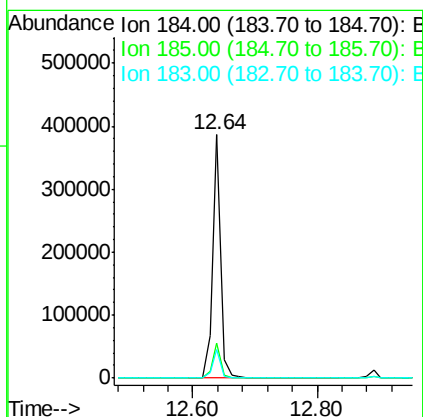
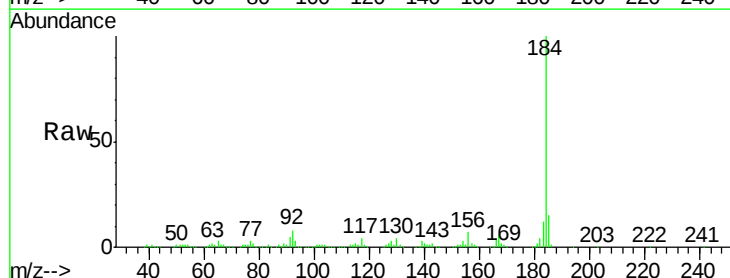
Tgt Ion:184 Resp: 340876

Ion Ratio Lower Upper

184 100

185 14.6 12.5 18.7

183 11.6 9.3 13.9





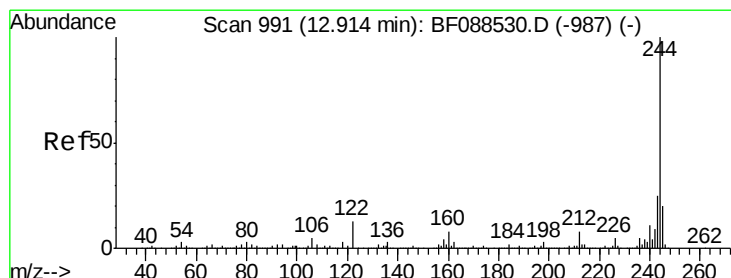
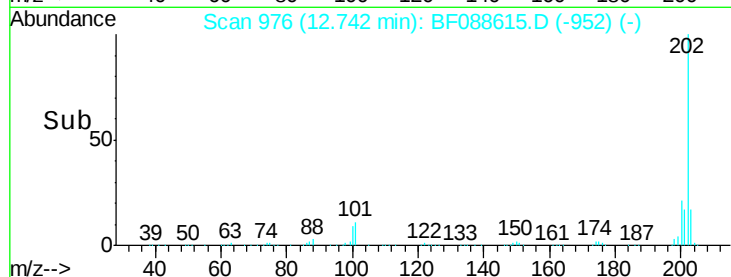
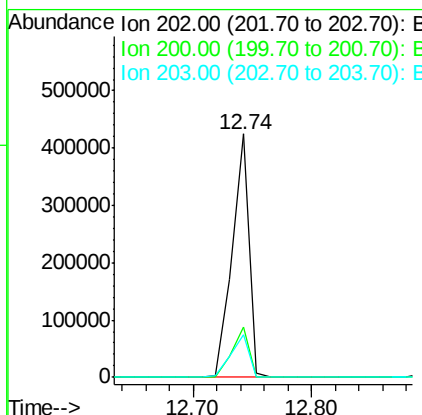
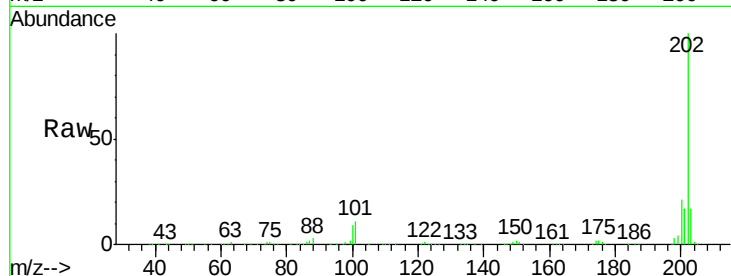
#77
Pyrene
 Concen: 24.67 ng
 RT: 12.74 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.3	14.5	21.7

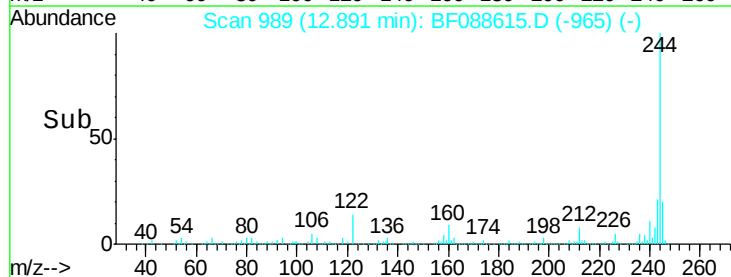
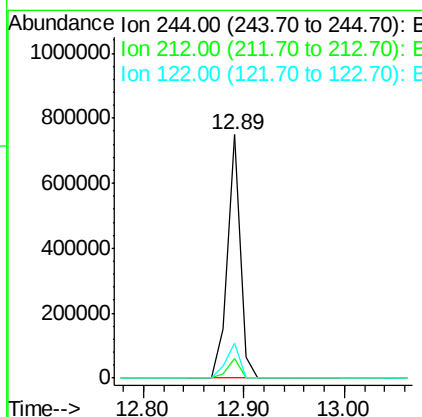
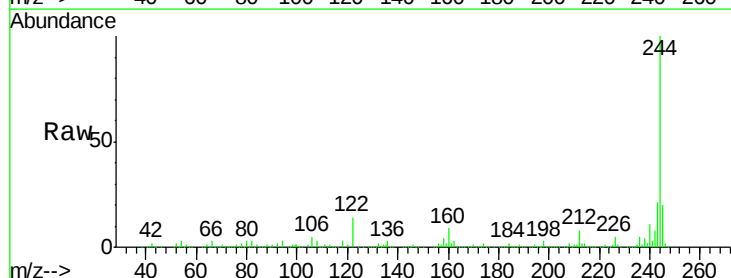
Manual Integrations

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#78
Terphenyl-d14
 Concen: 74.13 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	14.4	11.2	16.8





#79

Butylbenzylphthalate

Concen: 19.85 ng

RT: 13.37 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF088615.D

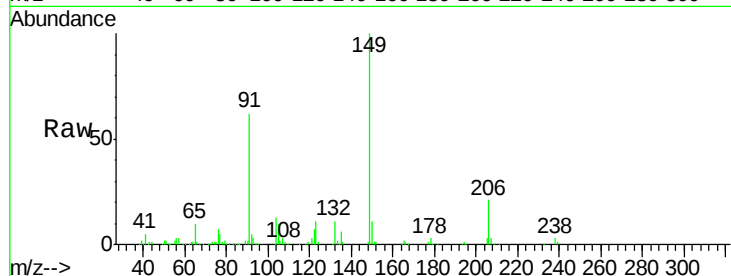
Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

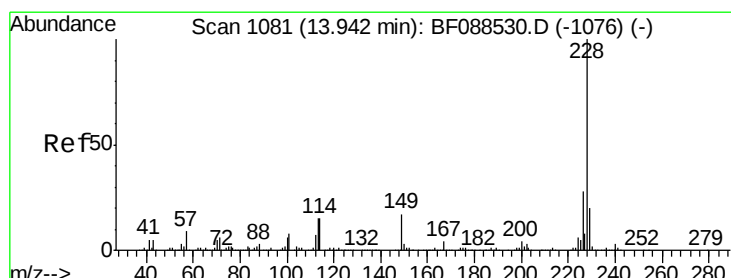
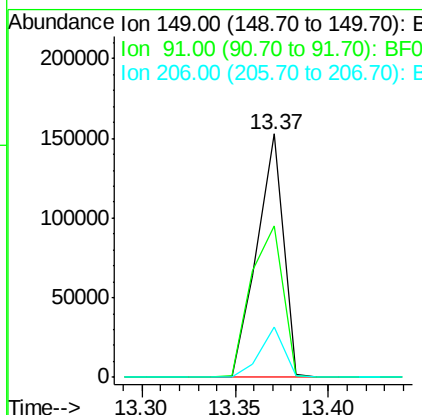
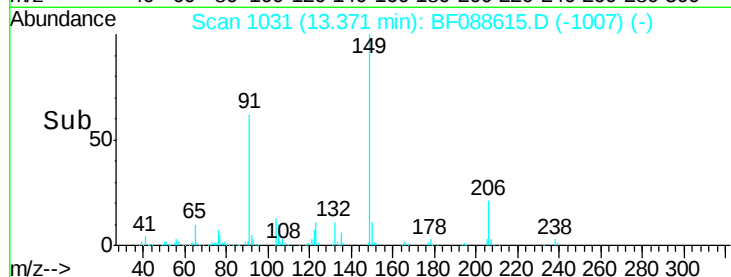


Tgt Ion:	149	Resp:	149852
Ion Ratio	Lower	Upper	
149	100		
91	62.3	48.0	72.0
206	20.6	16.0	24.0

Manual Integrations

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#80

Benzo(a)anthracene

Concen: 22.38 ng

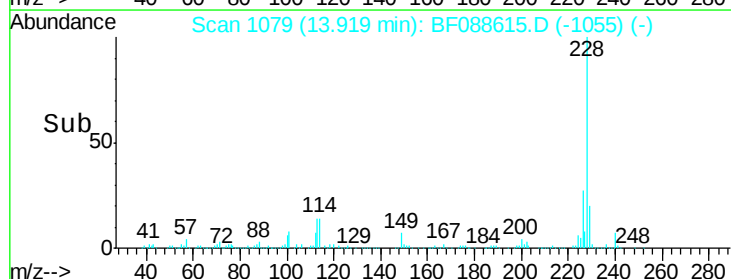
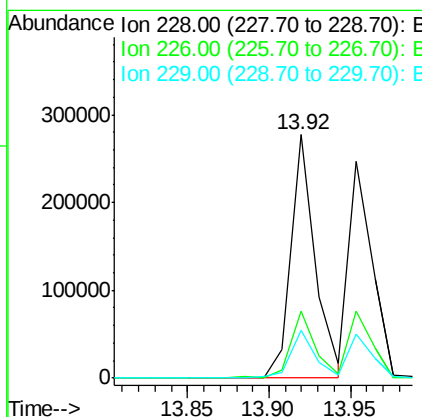
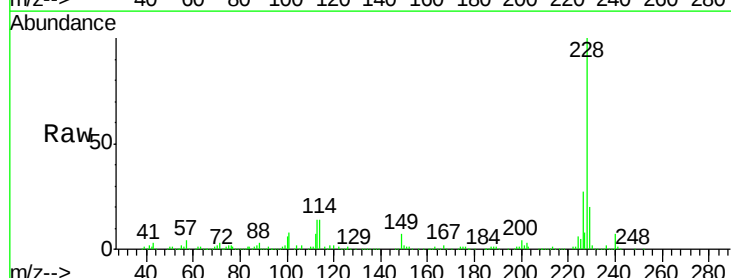
RT: 13.92 min Scan# 1079

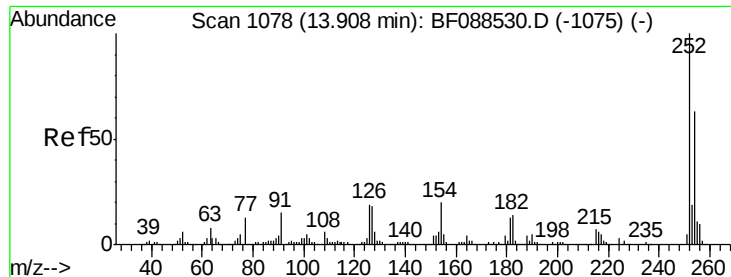
Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Tgt Ion:	228	Resp:	287688
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.3	33.5
229	19.7	16.0	24.0





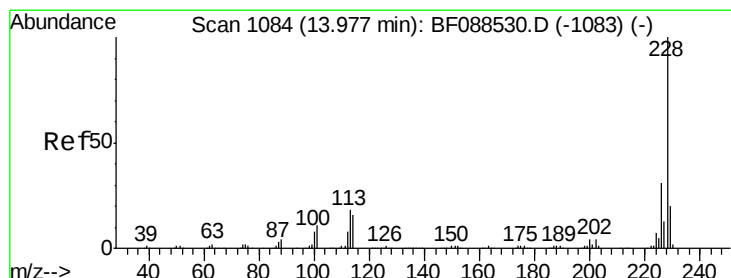
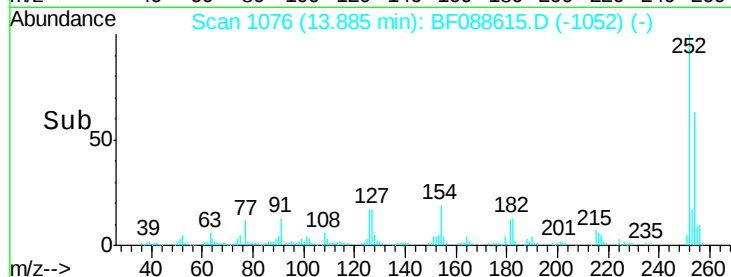
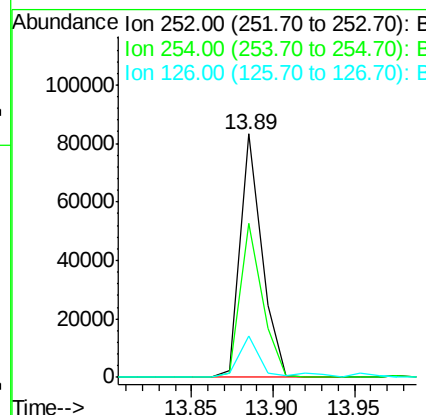
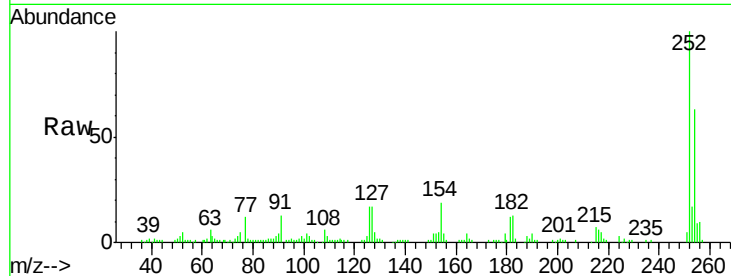
#81
 3,3'-Dichlorobenzidine
 Concen: 15.78 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.6	78.8
126	17.2	6.2	9.2

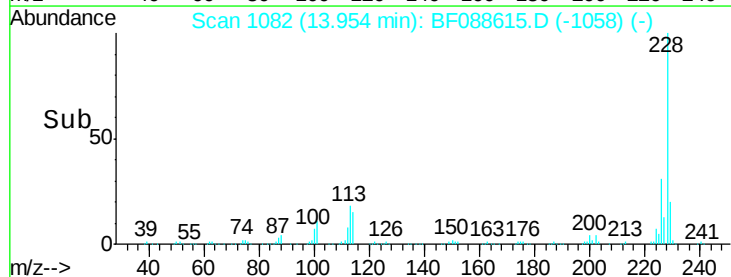
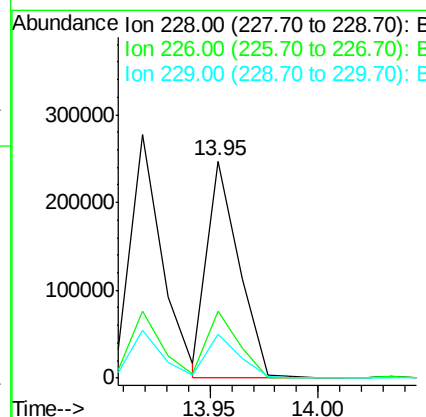
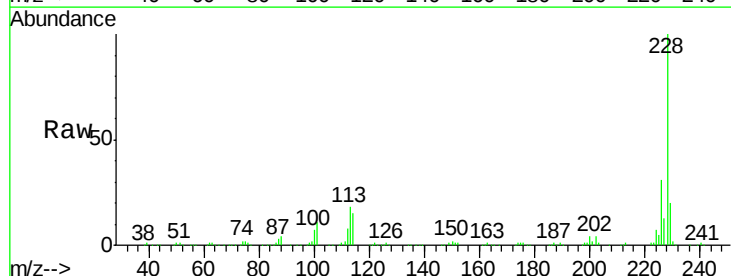
Manual Integrations

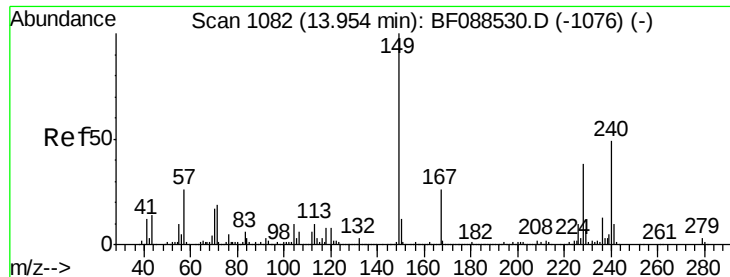
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#82
 Chrysene
 Concen: 19.53 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.2
229	20.4	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 22.59 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

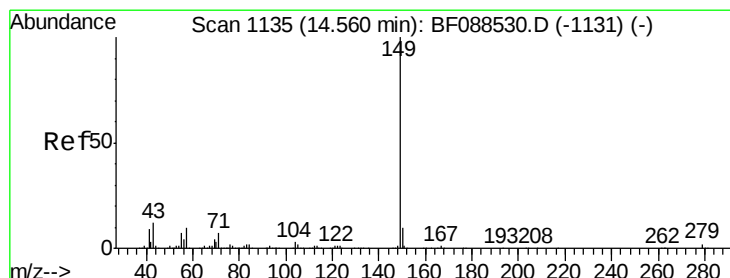
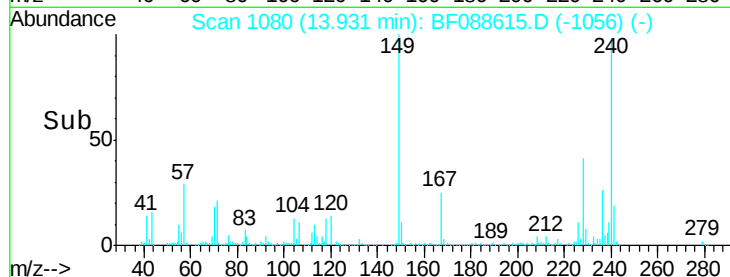
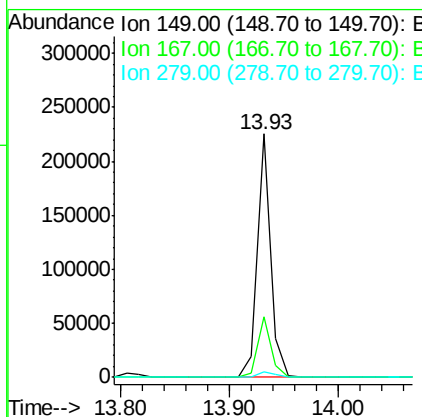
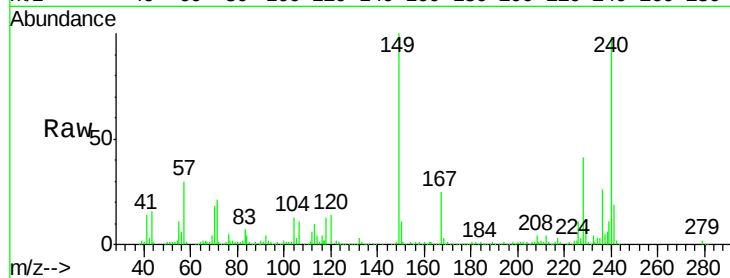
K8-B2(0-11)CMSD

Tgt Ion:	149	Resp:	194725
Ion Ratio	Lower	Upper	
149	100		
167	24.6	20.5	30.7
279	2.4	2.0	3.0

Manual Integrations

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#84

Di-n-octyl phthalate

Concen: 21.61 ng

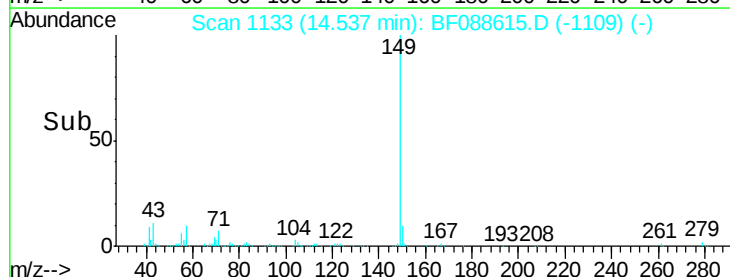
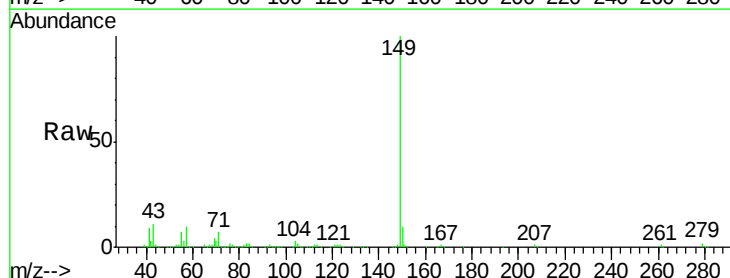
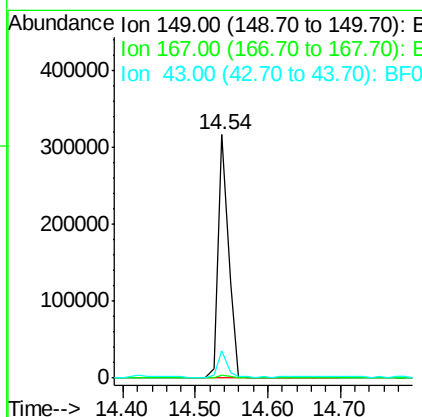
RT: 14.54 min Scan# 1133

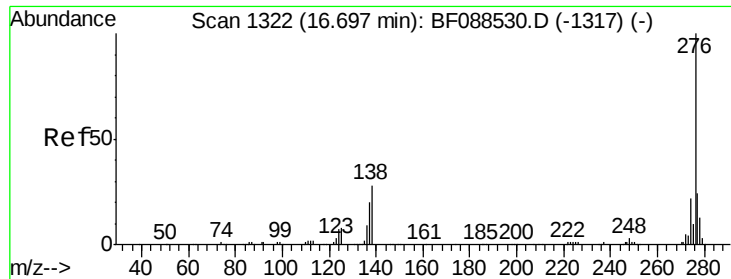
Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Tgt Ion:	149	Resp:	316374
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.8	0.0	0.0#





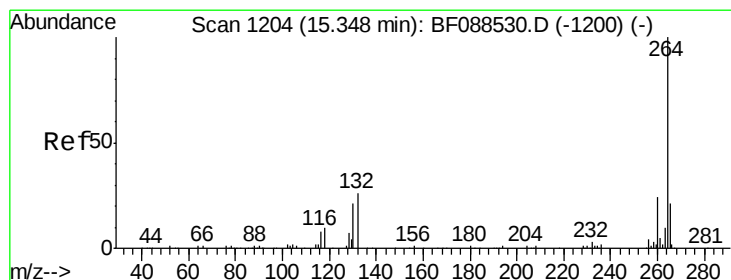
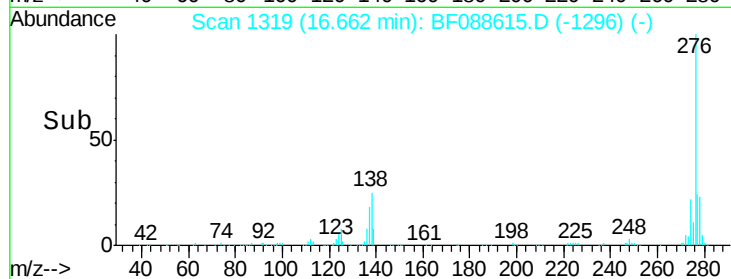
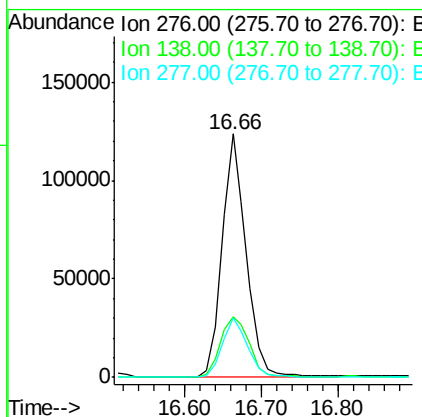
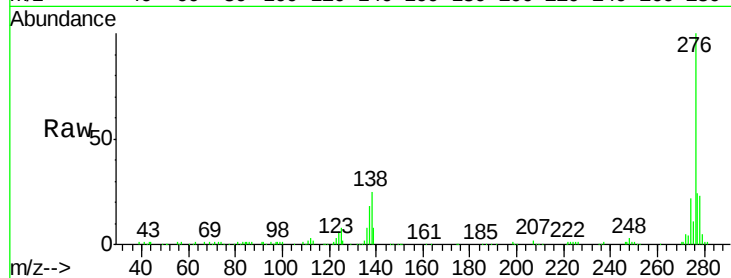
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.02 ng
 RT: 16.66 min Scan# 1319
 Delta R.T. -0.03 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	274124		
138	29.8	0.0	0.0#	
277	25.7	0.0	0.0#	

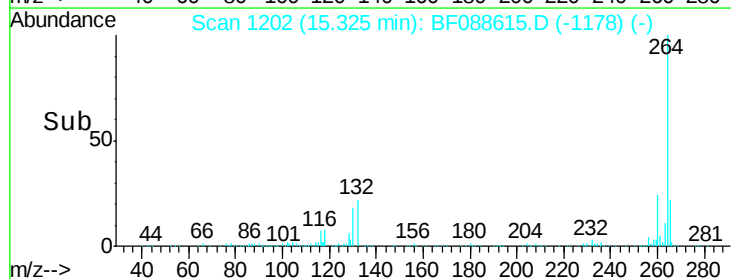
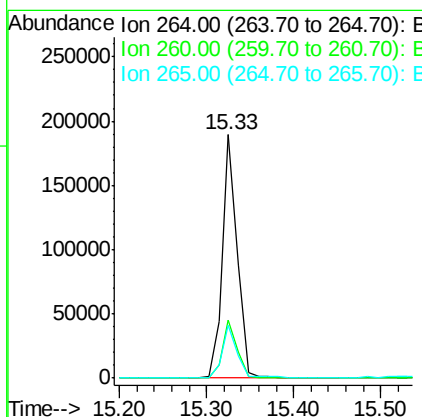
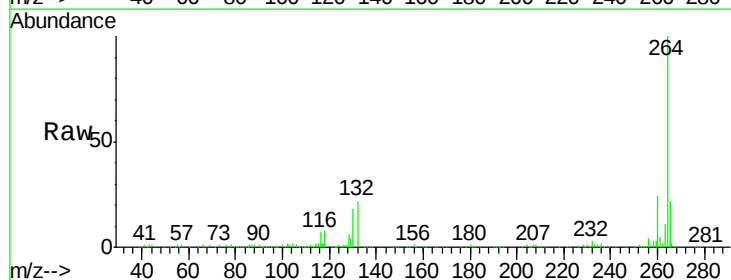
Manual Integrations

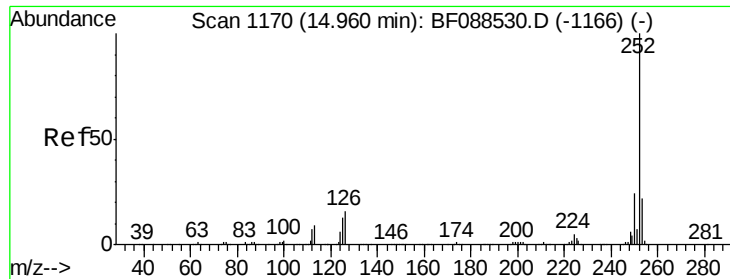
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	228173		
260	23.9	19.2	28.8	
265	21.8	16.9	25.3	





#87

Benzo(b)fluoranthene

Concen: 22.44 ng m

RT: 14.94 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF088615.D

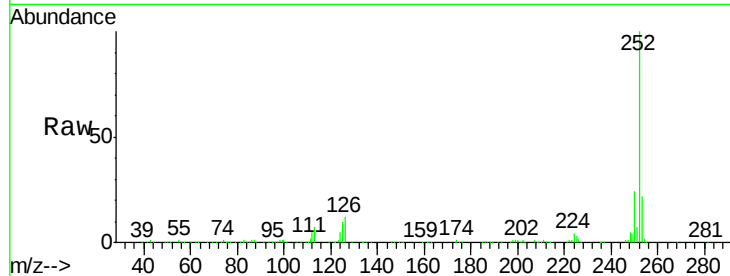
Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

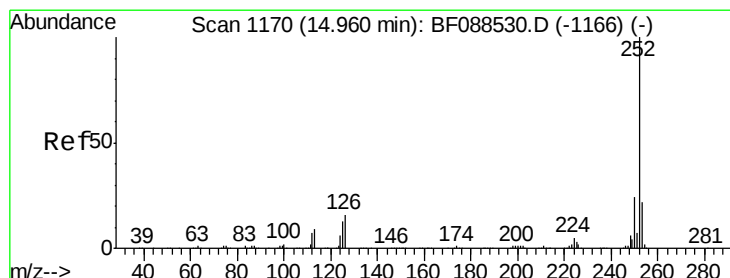
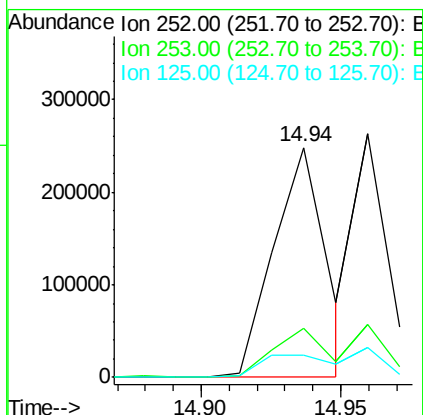
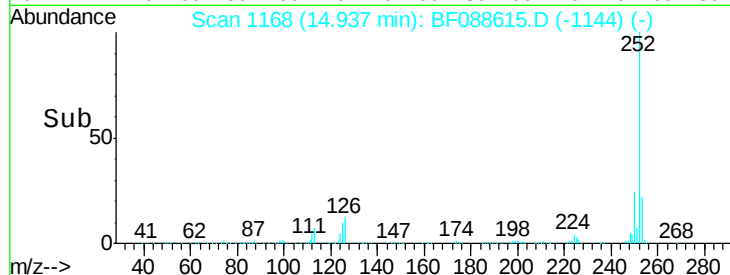


Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	9.5	7.1	10.7

Manual Integrations

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#88

Benzo(k)fluoranthene

Concen: 17.98 ng m

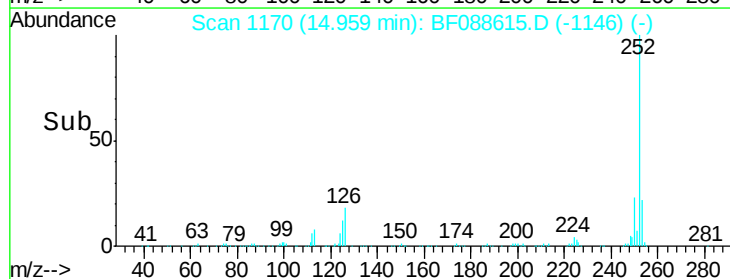
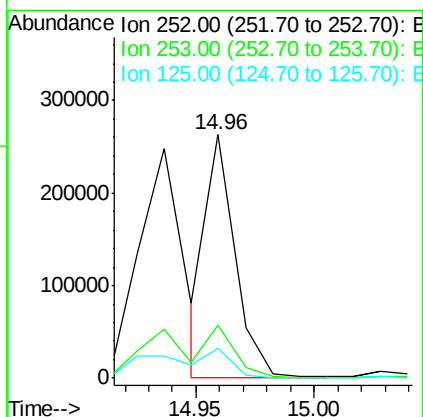
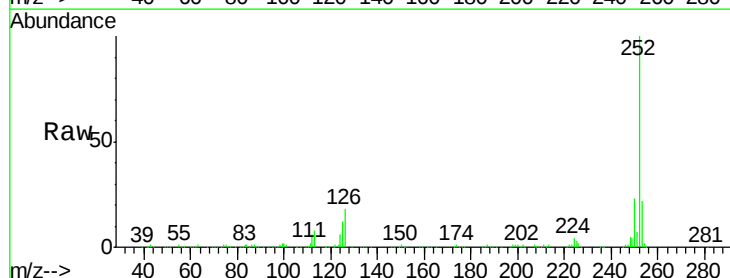
RT: 14.96 min Scan# 1170

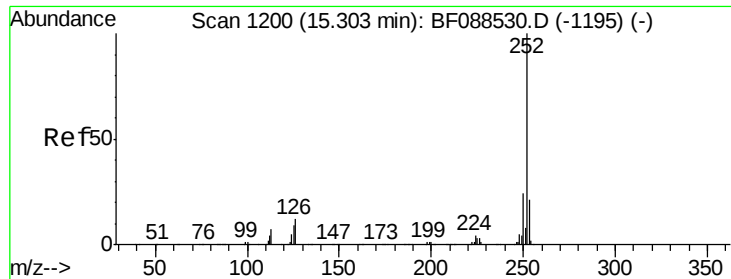
Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	12.4	11.2	16.8





#89

Benzo(a)pyrene

Concen: 21.93 ng

RT: 15.27 min Scan# 1197

Delta R.T. -0.03 min

Lab File: BF088615.D

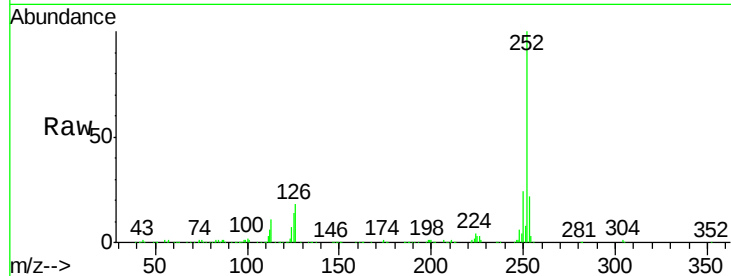
Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

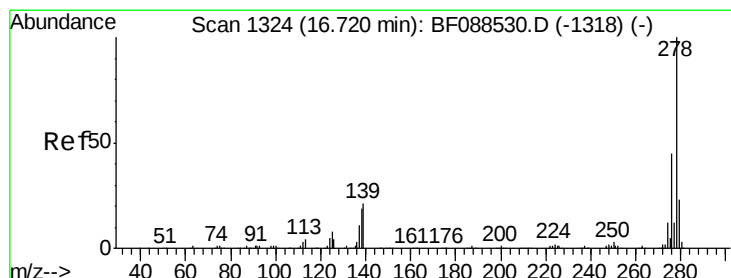
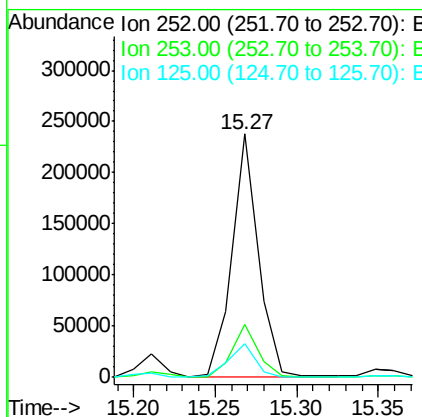
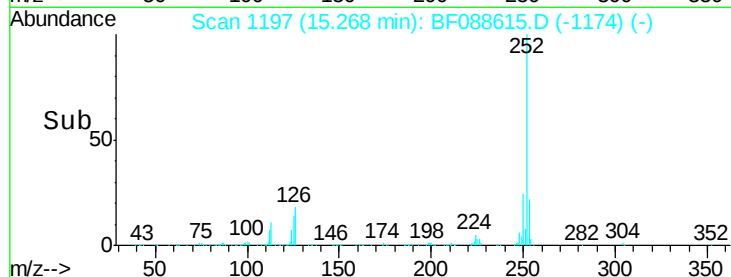


Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	14.1	12.5	18.7

Manual Integrations

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#90

Dibenzo(a,h)anthracene

Concen: 22.28 ng

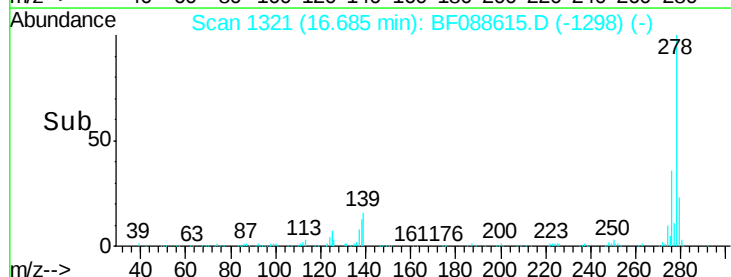
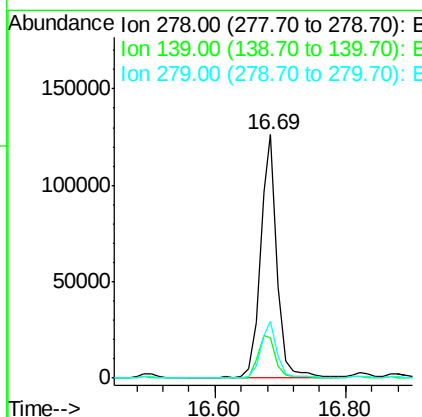
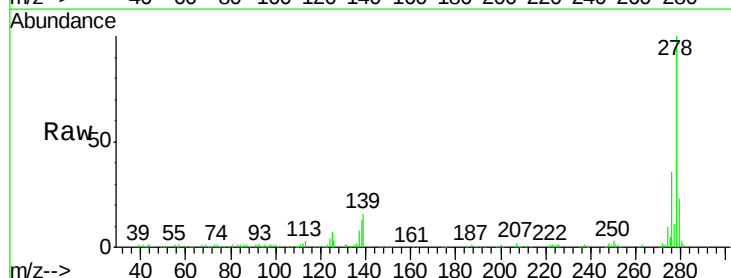
RT: 16.69 min Scan# 1321

Delta R.T. -0.03 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	15.7	23.5
279	23.5	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 20.73 ng
 RT: 17.06 min Scan# 1354
 Delta R.T. -0.05 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion:	276	Resp:	217054
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.9	28.3
138	25.8	21.4	32.2

Manual Integrations

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