

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088719.D
 Acq On : 5 Jul 2016 23:08
 Operator : UM/SJ
 Sample : H3871-11MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations

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 7/6/2016 7:20:20 PM

Quant Time: Jul 06 02:14:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	98208	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	391700	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	188374	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	358599	20.00	ng	0.00
75) Chrysene-d12	13.91	240	254828	20.00	ng	-0.01
86) Perylene-d12	15.29	264	187921	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	592853	90.47	ng	0.00
7) Phenol-d6	6.41	99	724014	85.51	ng	0.00
23) Nitrobenzene-d5	7.34	82	474706	63.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	175098	100.10	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	875500	73.41	ng	0.00
78) Terphenyl-d14	12.87	244	703137	61.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	63852	19.65	ng	# 26
3) Pyridine	3.07	79	120370	12.77	ng	92
4) n-Nitrosodimethylamine	3.00	42	53229	14.78	ng	88
6) Aniline	6.43	93	164179	13.31	ng	97
8) 2-Chlorophenol	6.56	128	141929	20.15	ng	92
9) Benzaldehyde	6.32	77	83432	14.55	ng	98
10) Phenol	6.42	94	158214	16.37	ng	# 65
11) bis(2-Chloroethyl)ether	6.51	93	139092	19.30	ng	87
12) 1,3-Dichlorobenzene	6.71	146	129213	16.67	ng	# 93
13) 1,4-Dichlorobenzene	6.79	146	133684	17.38	ng	94
14) 1,2-Dichlorobenzene	6.95	146	132495	18.40	ng	96
15) Benzyl Alcohol	6.91	79	124785	20.02	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	164333	15.75	ng	89
17) 2-Methylphenol	7.03	107	110048	19.15	ng	96
18) Hexachloroethane	7.29	117	52202	17.54	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	97056	17.06	ng	92
20) 3+4-Methylphenols	7.19	107	146212	21.20	ng	# 87
22) Acetophenone	7.19	105	196181	20.64	ng	# 90
24) Nitrobenzene	7.36	77	155251	20.60	ng	96
25) Isophorone	7.60	82	288992	20.87	ng	99
26) 2-Nitrophenol	7.68	139	67117	21.72	ng	# 76
27) 2,4-Dimethylphenol	7.71	122	121108	18.82	ng	87
28) bis(2-Chloroethoxy)methane	7.82	93	188213	20.89	ng	# 96
29) 2,4-Dichlorophenol	7.92	162	119382	22.95	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	110743	19.40	ng	99
31) Naphthalene	8.08	128	392905	20.35	ng	99
32) Benzoic acid	7.79	122	28369	6.07	ng	90
33) 4-Chloroaniline	8.12	127	124823	14.53	ng	94
34) Hexachlorobutadiene	8.20	225	64177	21.00	ng	98
35) Caprolactam	8.48	113	35659m	20.18	ng	
36) 4-Chloro-3-methylphenol	8.62	107	135164	21.97	ng	95
37) 2-Methylnaphthalene	8.76	142	257740	20.73	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	109143	17.42	ng	# 1
40) Hexachlorocyclopentadiene	8.92	237	128470	41.78	ng	99

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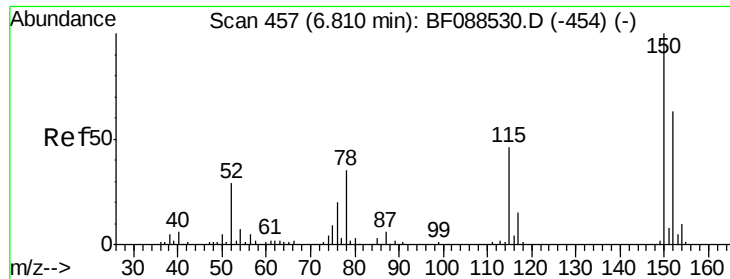
Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	84373	20.42	nq	99
43) 2,4,5-Trichlorophenol	9.08	196	87216	24.54	nq #	90
45) 1,1'-Biphenyl	9.23	154	333972	21.41	nq	99
46) 2-Chloronaphthalene	9.26	162	257079	20.99	nq	99
47) 2-Nitroaniline	9.35	65	84735	19.50	nq	96
48) Acenaphthylene	9.67	152	401299	20.60	nq	99
49) Dimethylphthalate	9.54	163	401967	29.95	nq	97
50) 2,6-Dinitrotoluene	9.60	165	66313	22.29	nq	91
51) Acenaphthene	9.84	154	254137	21.28	nq	98
52) 3-Nitroaniline	9.76	138	69741	18.44	nq	98
53) 2,4-Dinitrophenol	9.86	184	34172	26.02	nq	88
54) Dibenzofuran	10.01	168	349990	22.39	nq #	88
55) 4-Nitrophenol	9.93	139	158340	55.11	nq #	64
56) 2,4-Dinitrotoluene	10.00	165	84977	21.85	nq	94
57) Fluorene	10.35	166	286523	23.78	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	61189	22.25	nq #	51
59) Diethylphthalate	10.24	149	314656	23.36	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	127816	22.83	nq #	88
61) 4-Nitroaniline	10.36	138	62901	17.29	nq	86
62) Azobenzene	10.50	77	343519	22.36	nq	91
64) 4,6-Dinitro-2-methylphenol	10.40	198	28122	14.66	nq #	74
65) n-Nitrosodiphenylamine	10.47	169	258433	21.29	nq	100
66) 4-Bromophenyl-phenylether	10.83	248	72475	20.06	nq #	77
67) Hexachlorobenzene	10.90	284	87589	21.90	nq #	82
68) Atrazine	10.99	200	75371	19.93	nq	91
69) Pentachlorophenol	11.10	266	102826	43.43	nq	97
70) Phenanthrene	11.31	178	410579	20.95	nq	98
71) Anthracene	11.36	178	426495	21.88	nq	99
72) Carbazole	11.51	167	355078	19.36	nq	99
73) Di-n-butylphthalate	11.85	149	450383	21.11	nq	98
74) Fluoranthene	12.49	202	427842	21.53	nq	97
76) Benzidine	12.62	184	293213	22.76	nq	98
77) Pyrene	12.72	202	423765	19.61	nq	98
79) Butylbenzylphthalate	13.35	149	190015	19.72	nq	96
80) Benzo(a)anthracene	13.90	228	326550	19.90	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	91383	14.81	nq #	95
82) Chrysene	13.93	228	291875	17.98	nq	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	258694	23.51	nq #	99
84) Di-n-octyl phthalate	14.51	149	384858	20.59	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.62	276	241566	19.34	nq #	100
87) Benzo(b)fluoranthene	14.90	252	233042m	19.77	nq	
88) Benzo(k)fluoranthene	14.94	252	237565m	23.15	nq	
89) Benzo(a)pyrene	15.23	252	211238	21.16	nq	99
90) Dibenzo(a,h)anthracene	16.64	278	200660	24.08	nq	96
91) Benzo(g,h,i)perylene	17.02	276	205981	23.88	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

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Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tot Ion:152 Resp: 98208

Ion Ratio Lower Upper

152 100

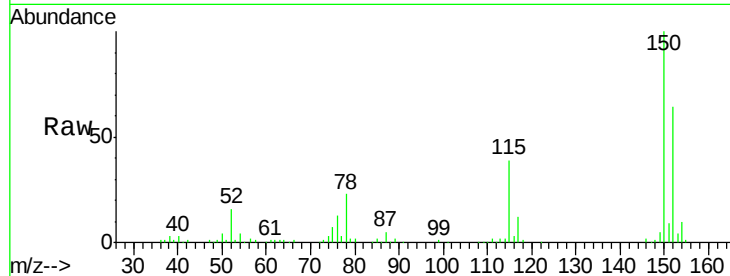
150 155.6 123.8 185.6

115 60.2 39.6 59.4#

Manual Integrations

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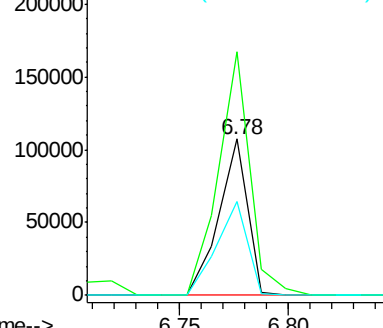
7/6/2016 7:20:20 PM



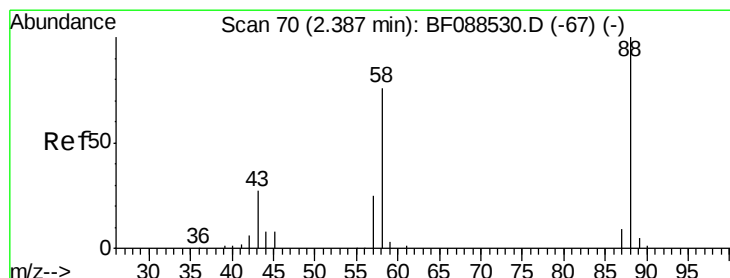
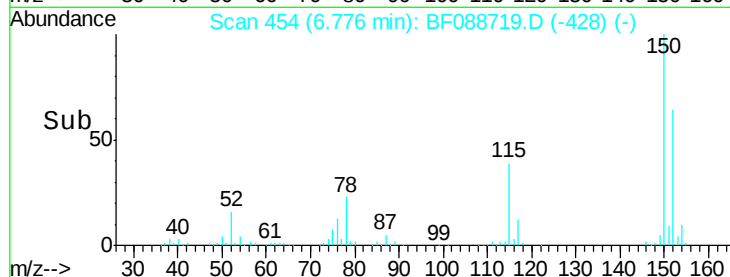
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 19.65 ng

RT: 2.39 min Scan# 70

Delta R.T. 0.06 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

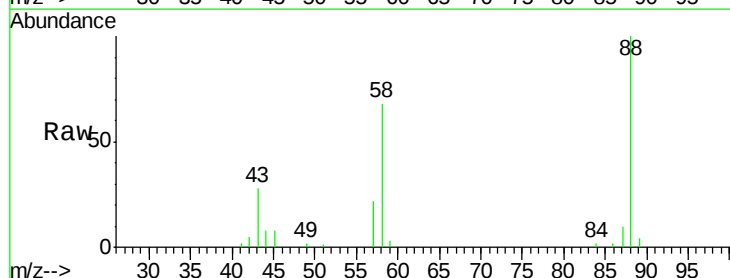
Tgt Ion: 88 Resp: 63852

Ion Ratio Lower Upper

88 100

58 70.4 0.0 0.0#

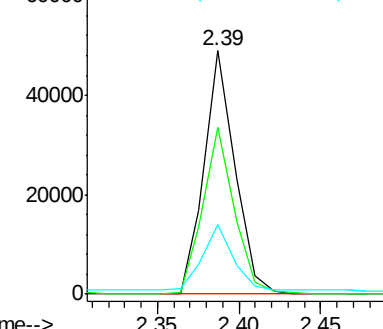
43 28.7 3.4 5.2#



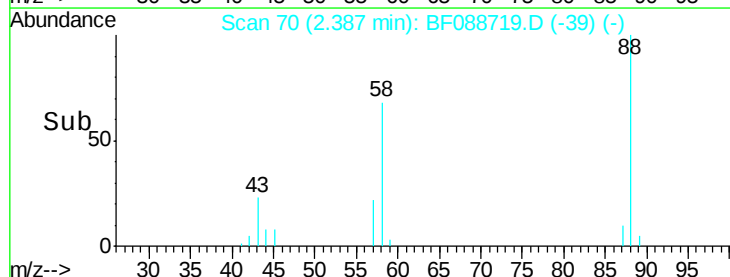
Abundance Ion 88.00 (87.70 to 88.70): BF0

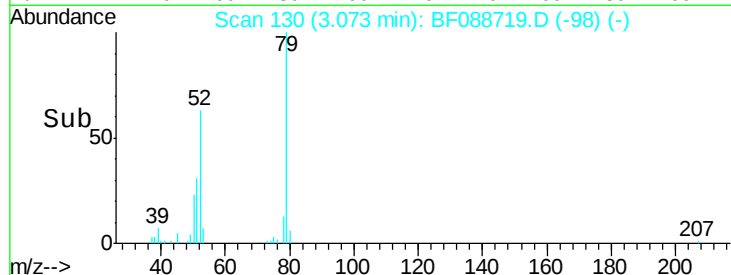
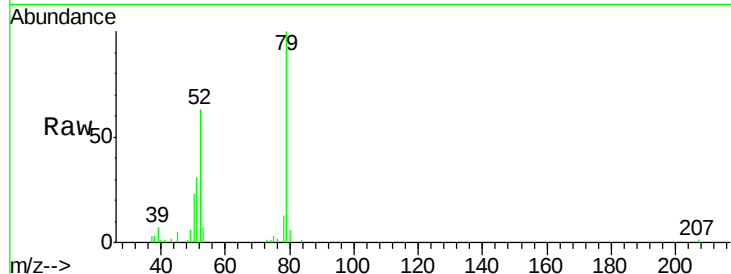
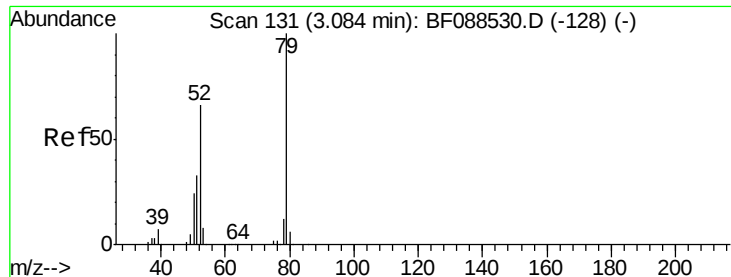
Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



Time-->





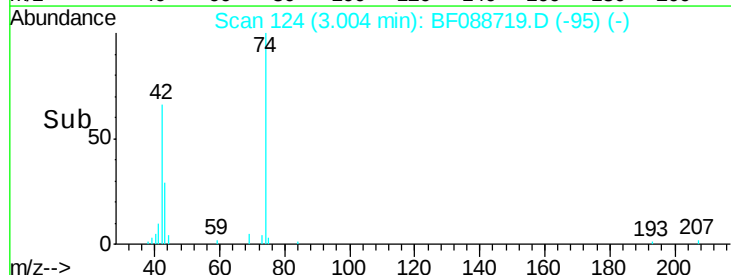
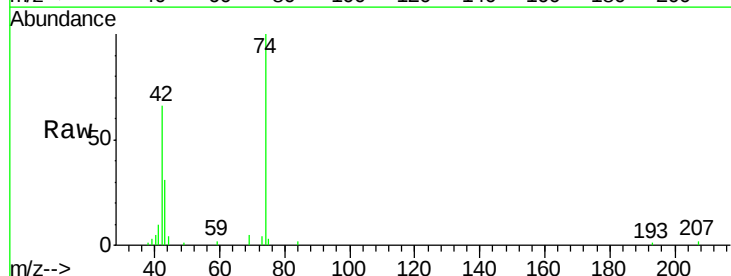
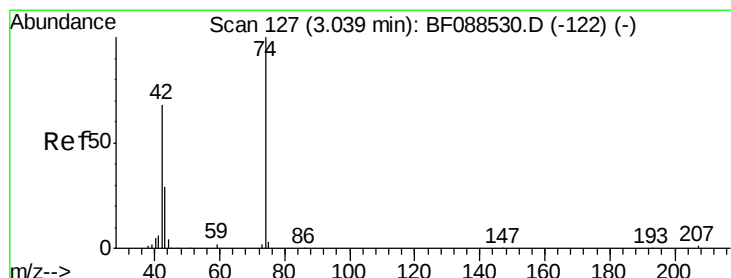
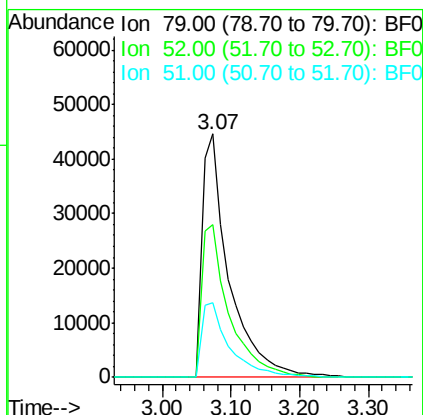
#3
 Pvridine
 Concen: 12.77 ng
 RT: 3.07 min Scan# 130
 Delta R.T. 0.07 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

Tot Ion:	79	Resp:	120370
Ion	Ratio	Lower	Upper
79	100		
52	62.6	56.3	84.5
51	30.8	27.4	41.2

Instrument :
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 K8-B2(0-11)CMSD

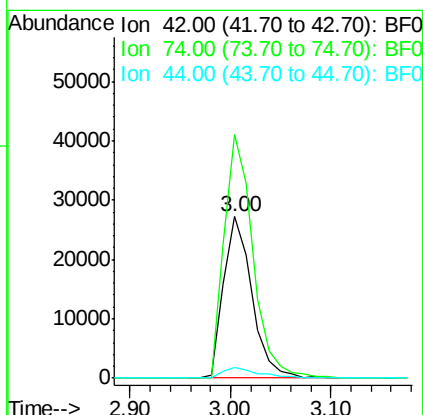
Manual Integrations

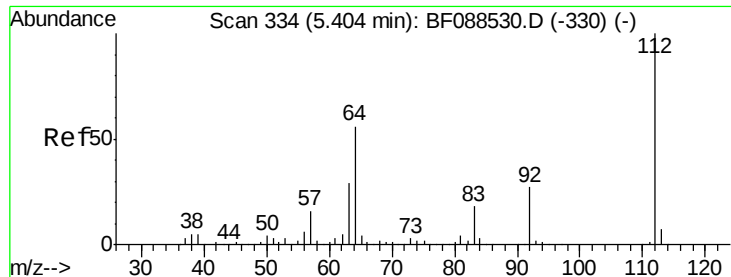
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#4
 n-Nitrosodimethylamine
 Concen: 14.78 ng
 RT: 3.00 min Scan# 124
 Delta R.T. 0.03 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

Tgt Ion:	42	Resp:	53229
Ion	Ratio	Lower	Upper
42	100		
74	150.8	108.6	163.0
44	6.5	5.5	8.3





#5

2-Fluorophenol

Concen: 90.47 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

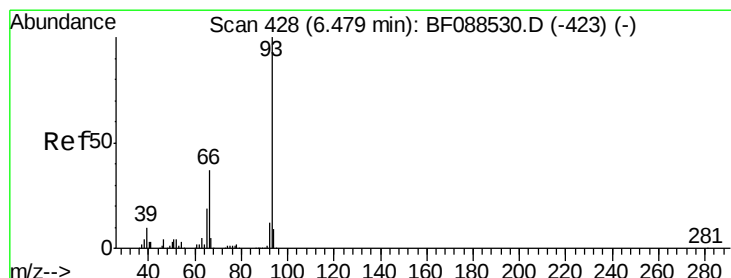
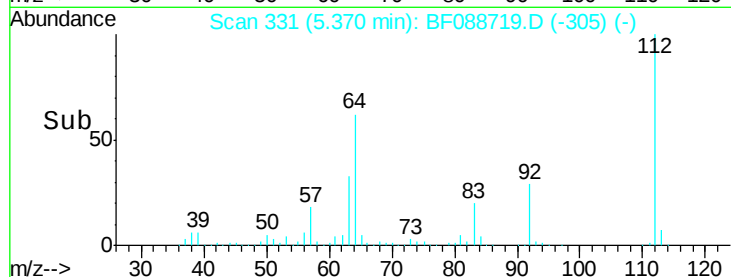
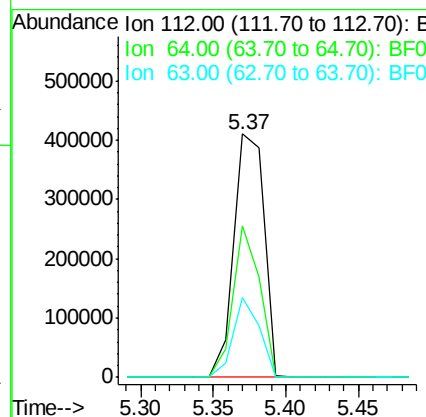
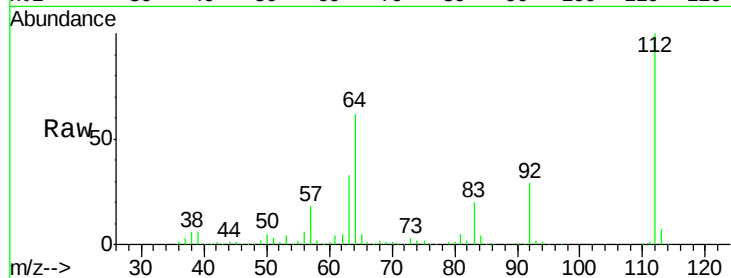
K8-B2(0-11)CMSD

Tot Ion:	112	Resp:	592853
Ion Ratio	Lower	Upper	
112	100		
64	62.2	42.2	63.2
63	32.5	21.8	32.8

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#6

Aniline

Concen: 13.31 ng

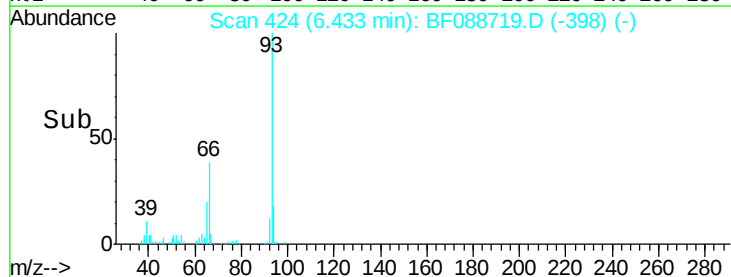
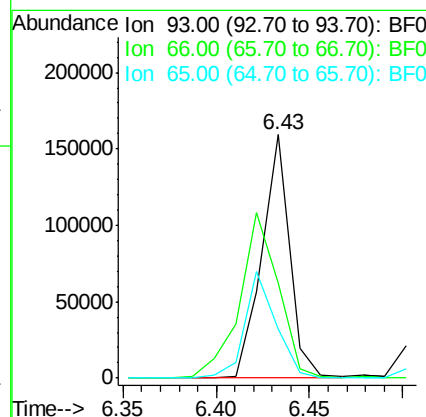
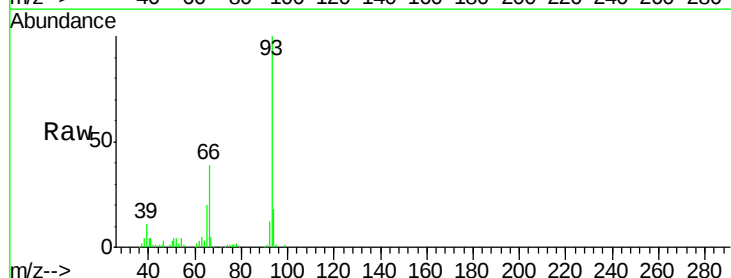
RT: 6.43 min Scan# 424

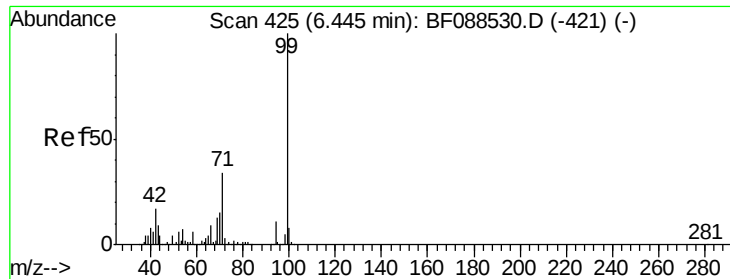
Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Tgt Ion:	93	Resp:	164179
Ion Ratio	Lower	Upper	
93	100		
66	39.3	29.8	44.8
65	20.1	14.9	22.3





#7

Phenol-d6

Concen: 85.51 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

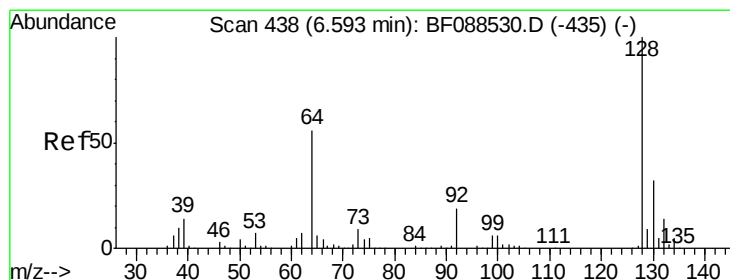
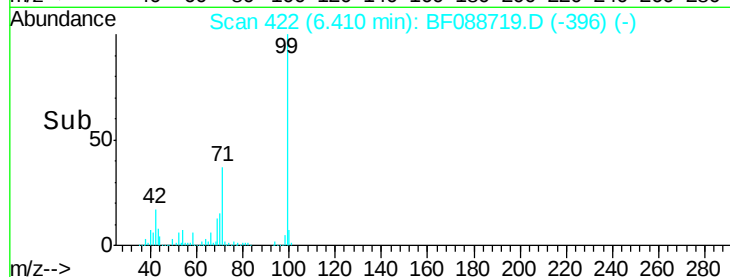
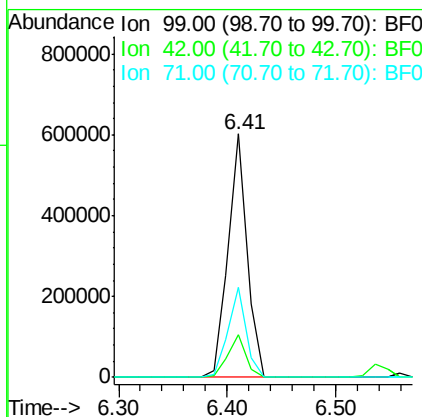
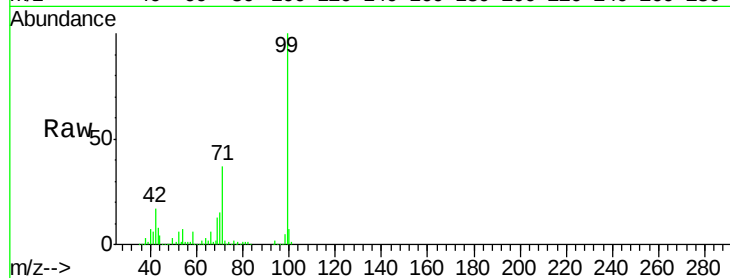
K8-B2(0-11)CMSD

Tot Ion:	99	Resp:	724014
Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.2	18.2
71	36.9	23.4	35.0#

Manual Integrations

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#8

2-Chlorophenol

Concen: 20.15 ng

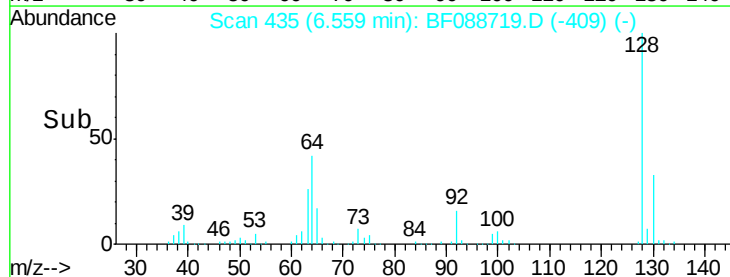
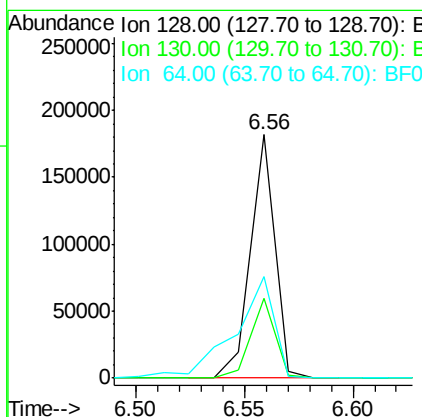
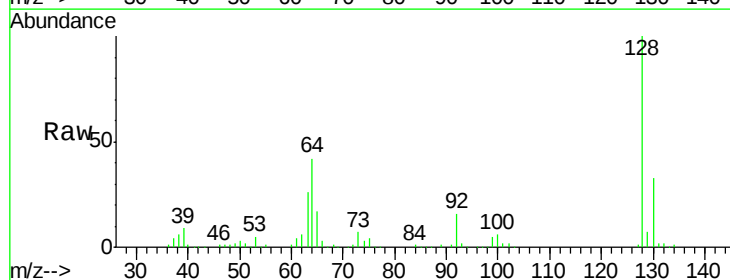
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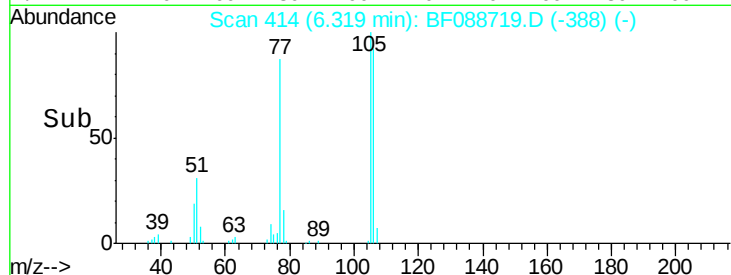
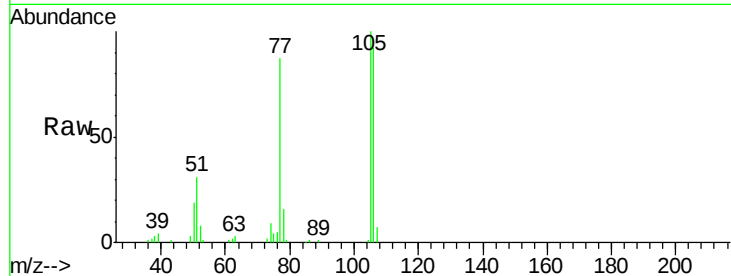
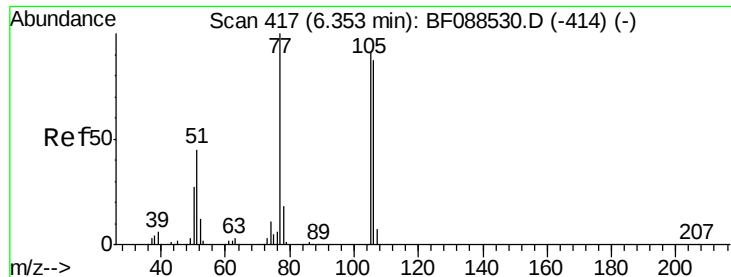
Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Tgt Ion:	128	Resp:	141929
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.0	52.0
64	41.9	30.8	70.8





#9

Benzaldehyde

Concen: 14.55 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Tot Ion:	77	Resp:	83432
Ion	Ratio	Lower	Upper
77	100		
105	114.6	90.6	130.6
106	105.9	85.3	125.3

Instrument :

BNA_F

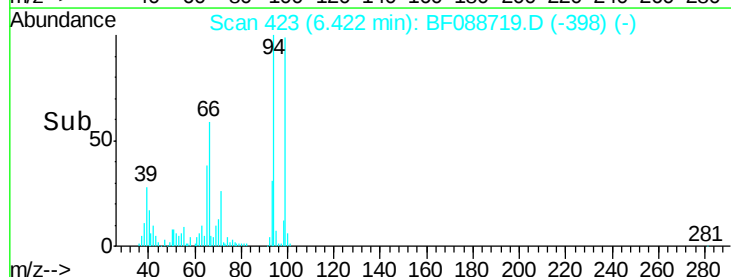
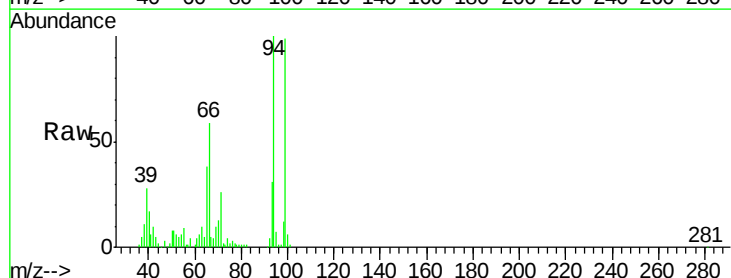
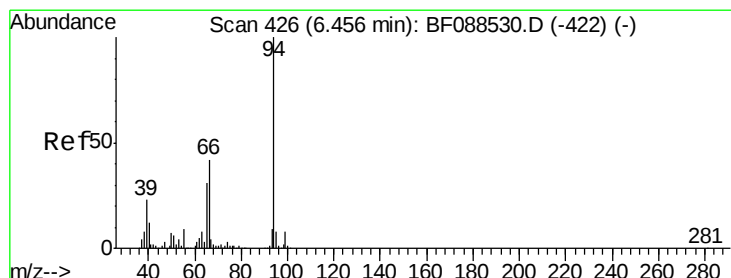
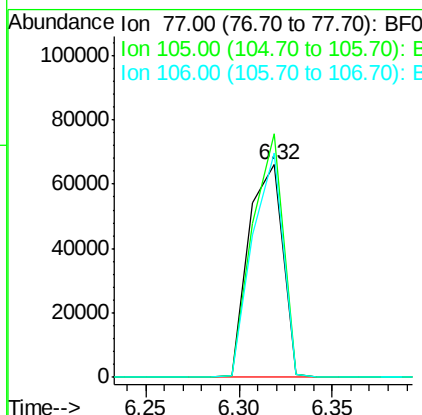
ClientSampleId :

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Manual Integrations

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#10

Phenol

Concen: 16.37 ng

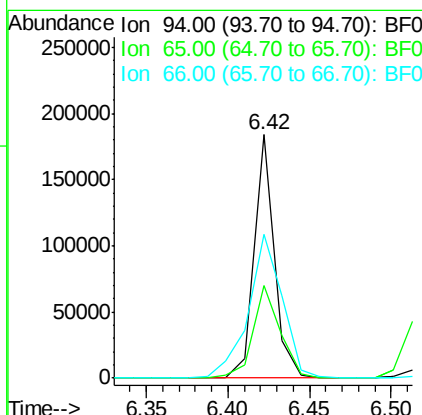
RT: 6.42 min Scan# 423

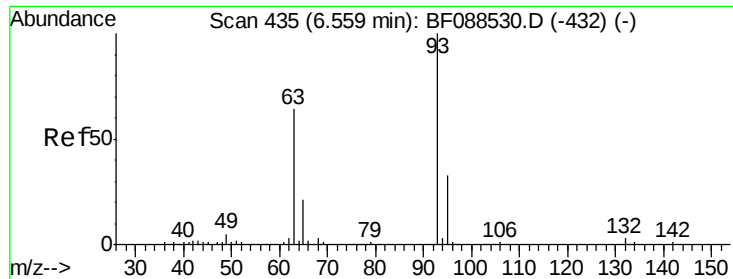
Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Tgt Ion:	94	Resp:	158214
Ion	Ratio	Lower	Upper
94	100		
65	37.8	5.9	45.9
66	58.9	14.0	54.0#





#11

bis(2-Chloroethyl)ether

Concen: 19.30 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tot Ion: 93 Resp: 139092

Ion Ratio Lower Upper

93 100

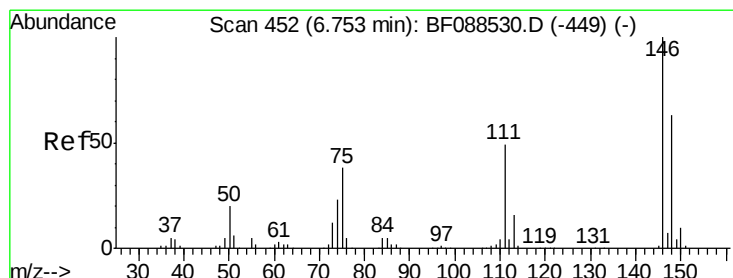
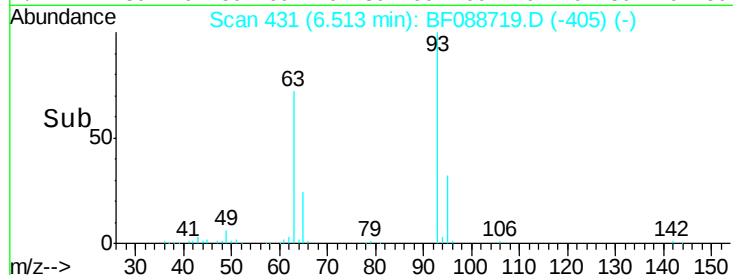
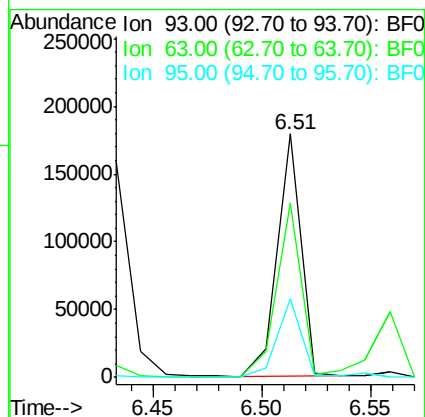
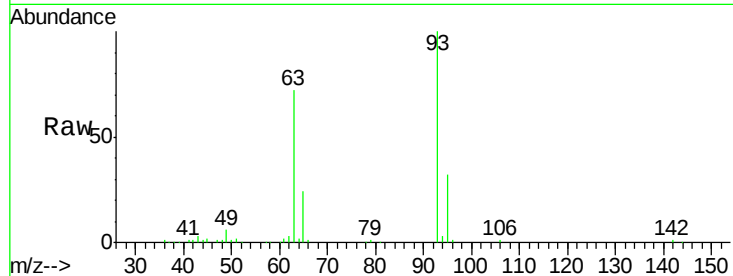
63 71.6 67.6 107.6

95 32.3 12.5 52.5

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 16.67 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

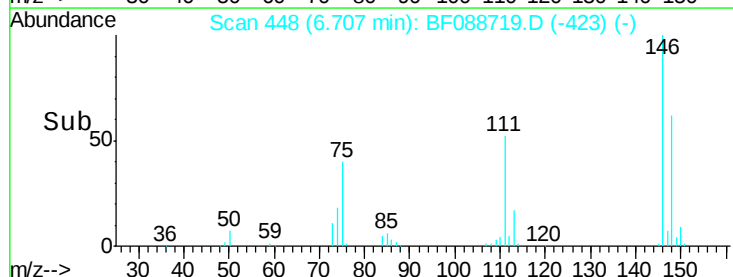
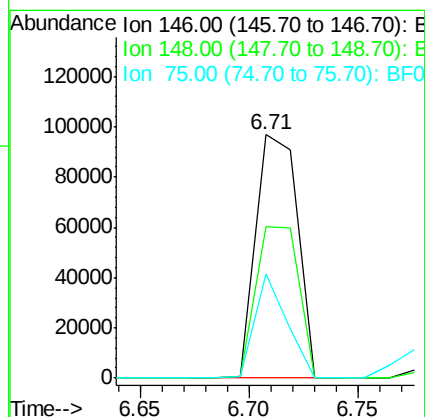
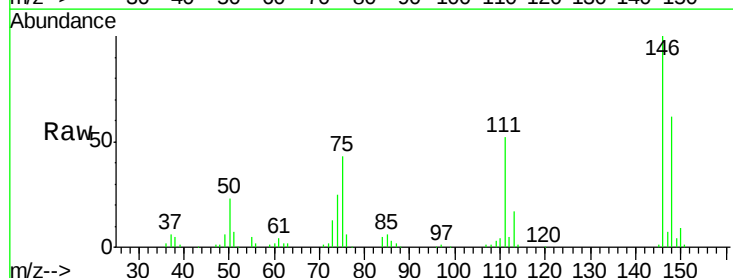
Tgt Ion: 146 Resp: 129213

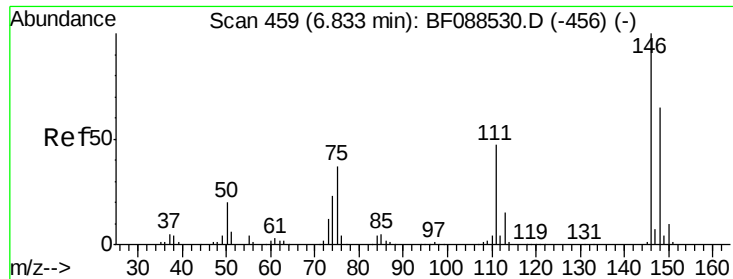
Ion Ratio Lower Upper

146 100

148 62.4 50.9 76.3

75 42.6 25.6 38.4#





#13

1,4-Dichlorobenzene

Concen: 17.38 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

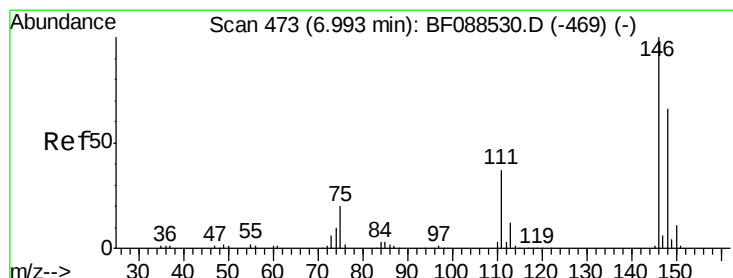
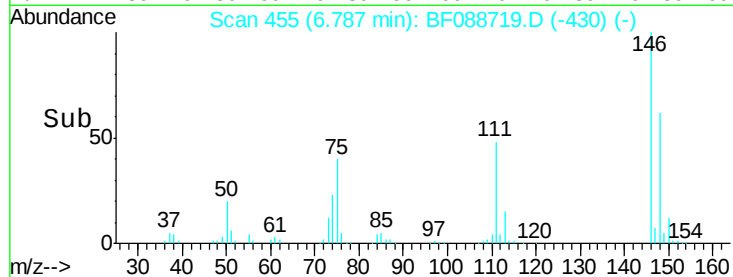
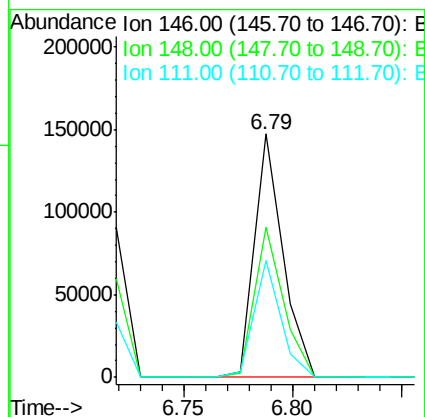
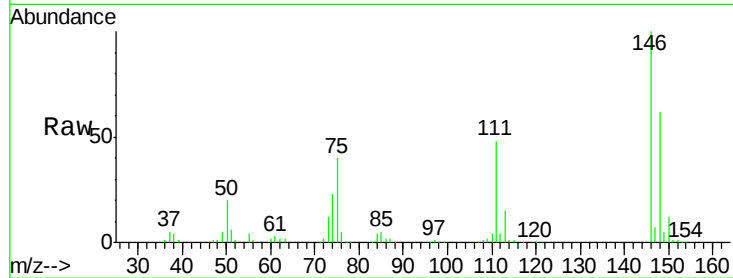
K8-B2(0-11)CMSD

Tot Ion:	146	Resp:	133684
Ion Ratio	Lower	Upper	
146	100		
148	61.6	52.0	78.0
111	48.2	33.8	50.8

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 18.40 ng

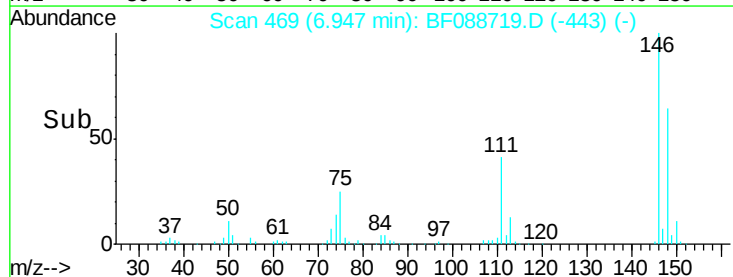
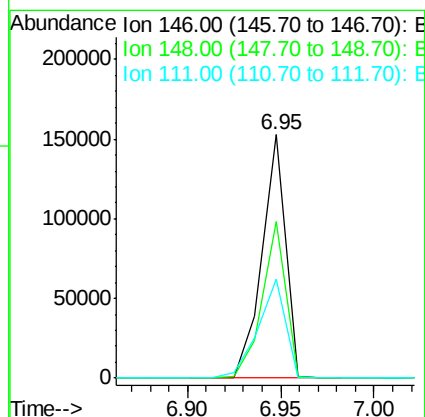
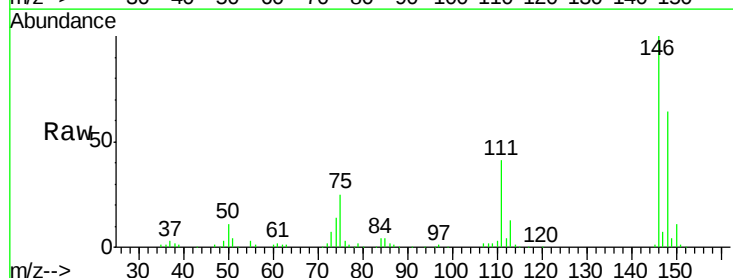
RT: 6.95 min Scan# 469

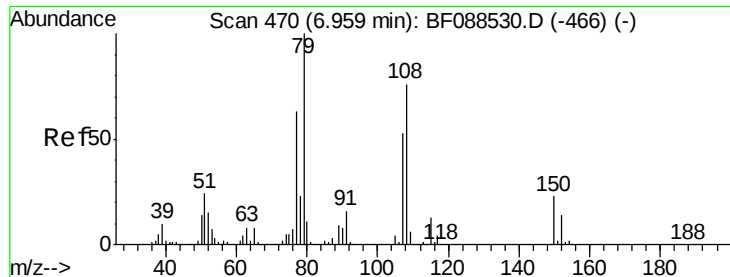
Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Tgt Ion:	146	Resp:	132495
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.3	78.5
111	40.9	28.7	43.1





#15

Benzyl Alcohol

Concen: 20.02 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tot Ion: 79 Resp: 124785

Ion Ratio Lower Upper

79 100

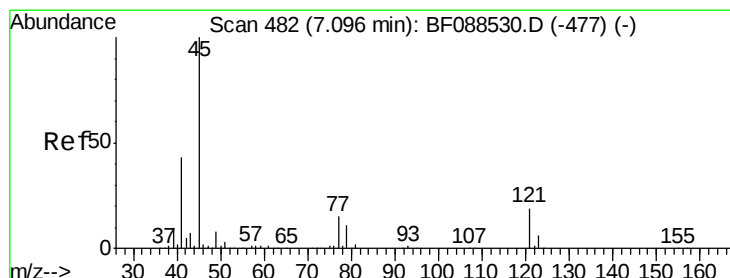
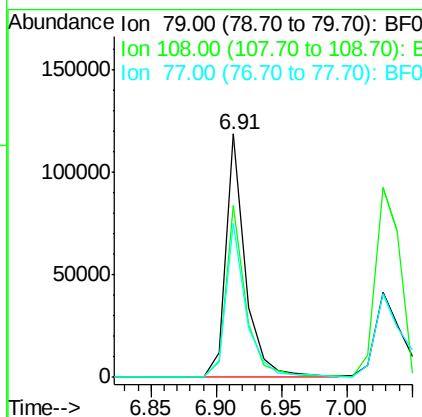
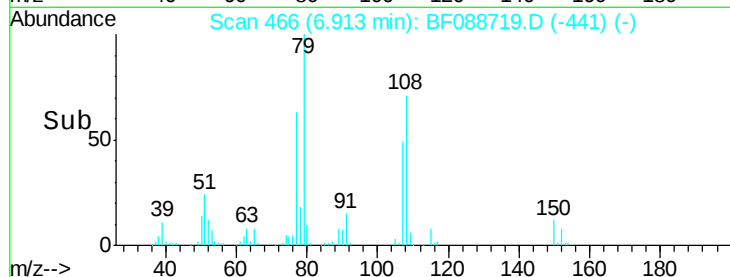
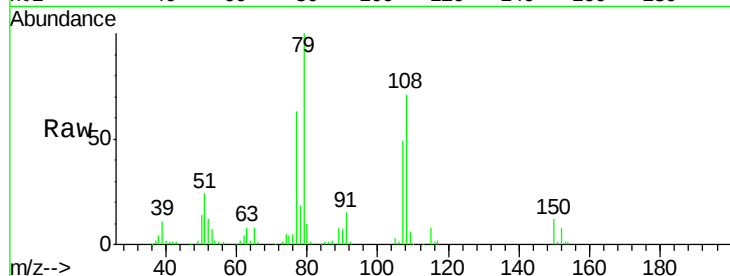
108 70.7 65.0 97.6

77 63.2 50.3 75.5

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 15.75 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

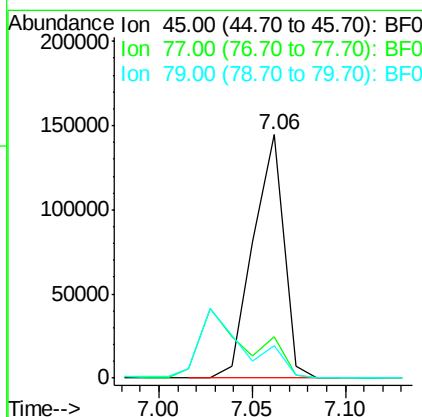
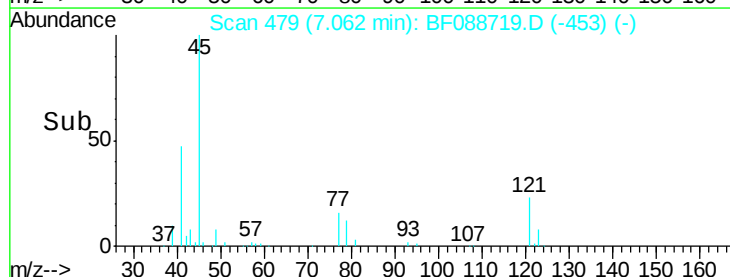
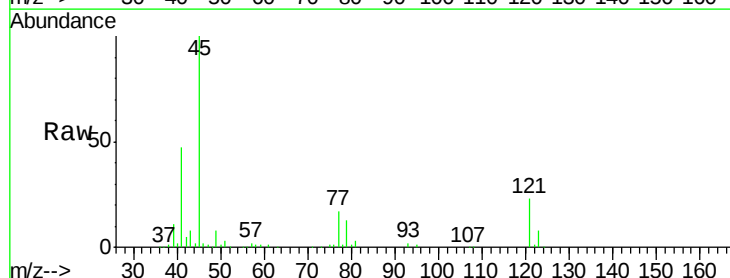
Tgt Ion: 45 Resp: 164333

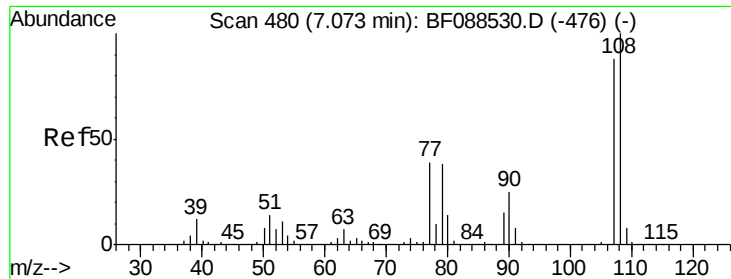
Ion Ratio Lower Upper

45 100

77 17.0 0.0 32.5

79 13.5 0.0 29.5





#17

2-Methylphenol

Concen: 19.15 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

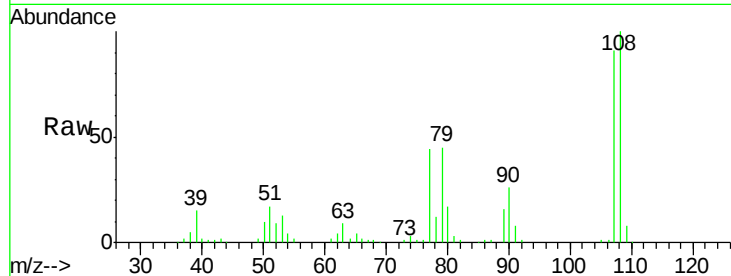
K8-B2(0-11)CMSD

Tot Ion:	107	Resp:	110048
Ion Ratio	Lower	Upper	
107	100		
108	110.3	90.9	136.3
77	48.8	36.6	55.0
79	49.4	36.5	54.7

Manual Integrations

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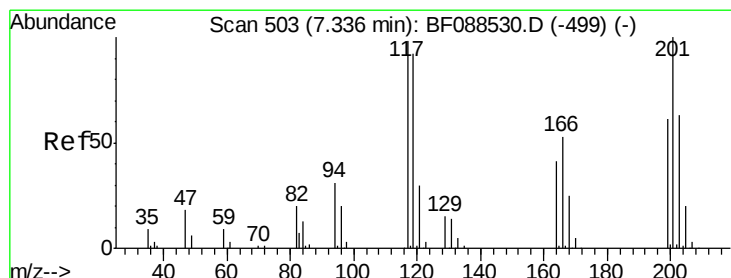
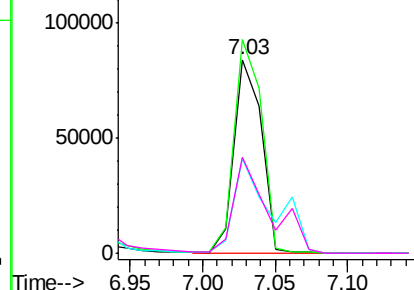
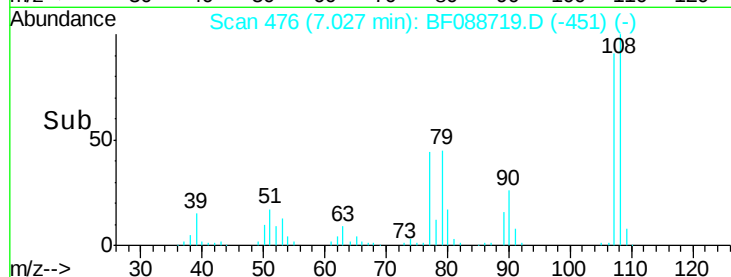


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 17.54 ng

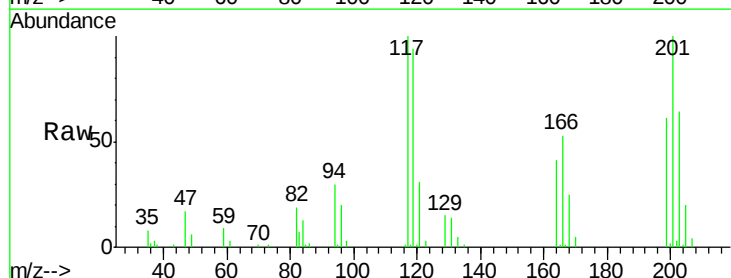
RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

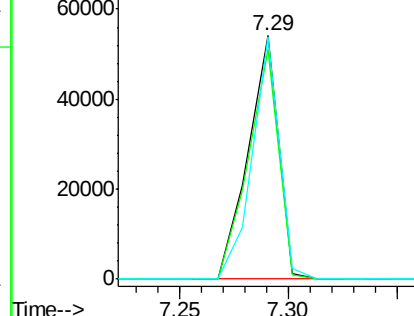
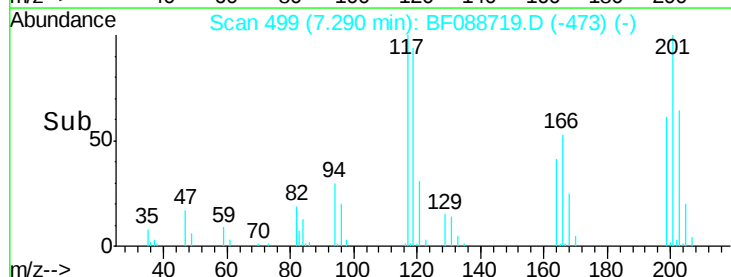
Tgt Ion:	117	Resp:	52202
Ion Ratio	Lower	Upper	
117	100		
119	94.2	77.4	116.2
201	99.5	80.4	120.6

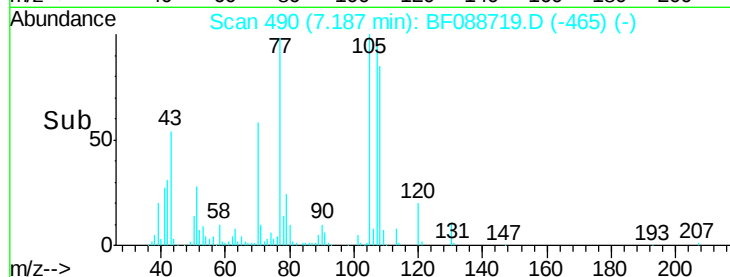
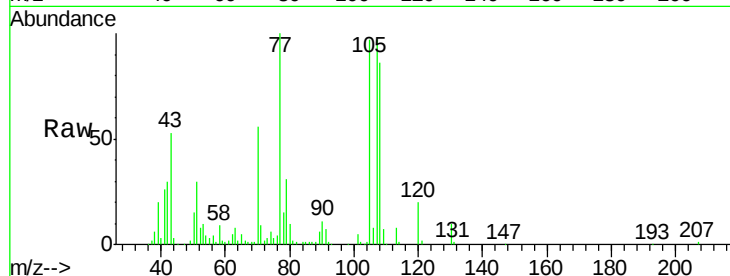
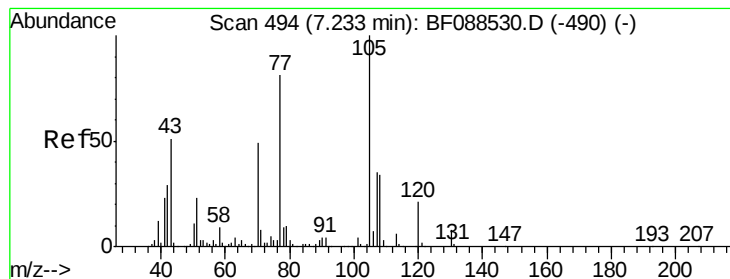


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 17.06 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tot Ion: 70 Resp: 97056

Ion Ratio Lower Upper

70 100

42 53.6 49.6 74.4

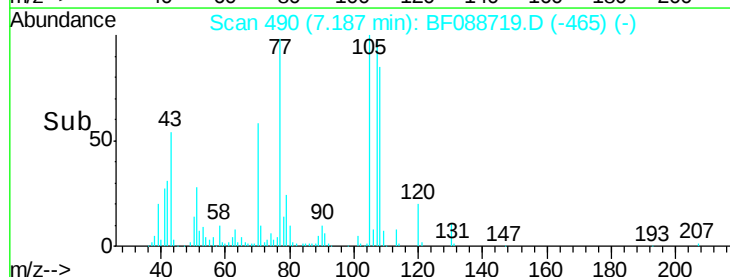
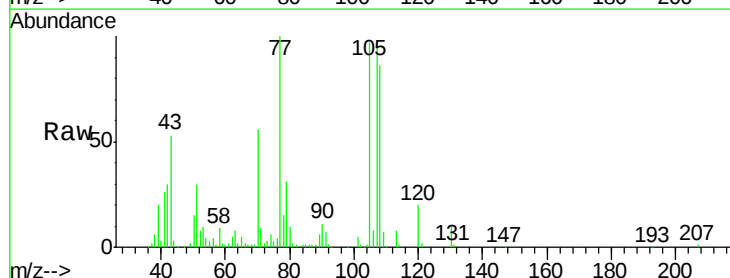
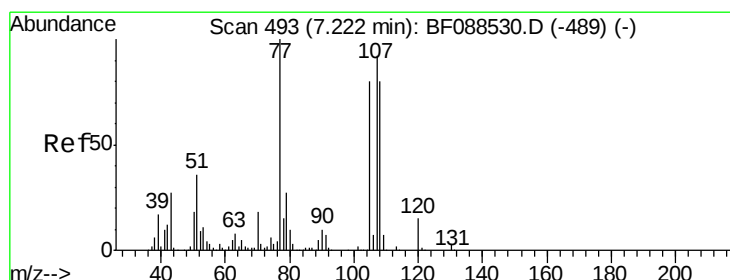
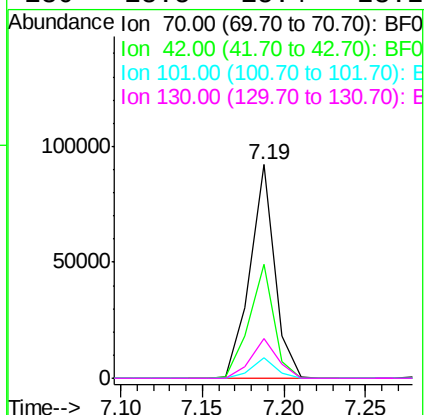
101 9.4 7.1 10.7

130 18.5 15.4 23.2

Manual Integrations

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#20

3+4-Methylphenols

Concen: 21.20 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Tgt Ion:107 Resp: 146212

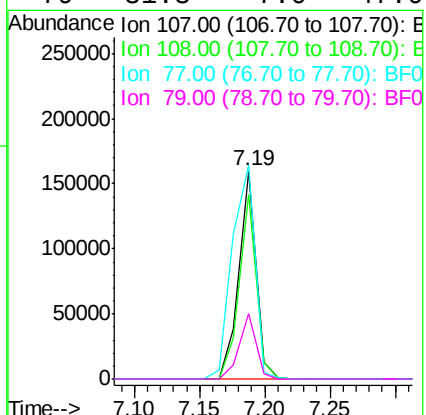
Ion Ratio Lower Upper

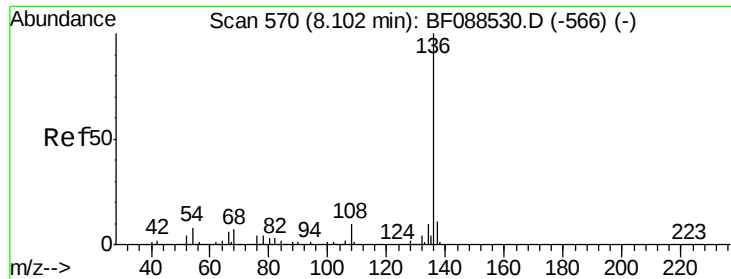
107 100

108 88.8 67.8 107.8

77 102.7 59.3 99.3#

79 31.3 7.0 47.0





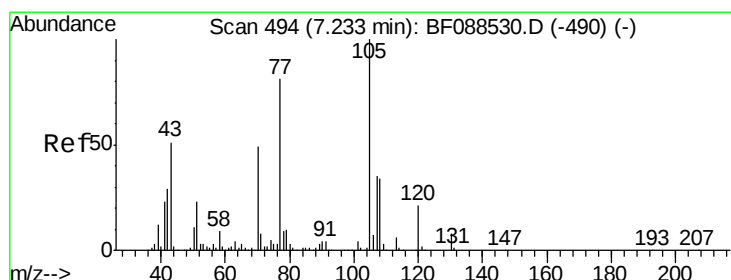
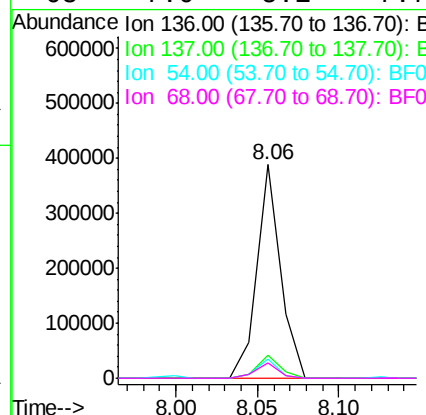
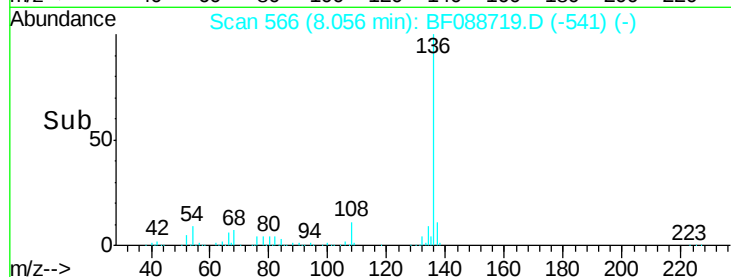
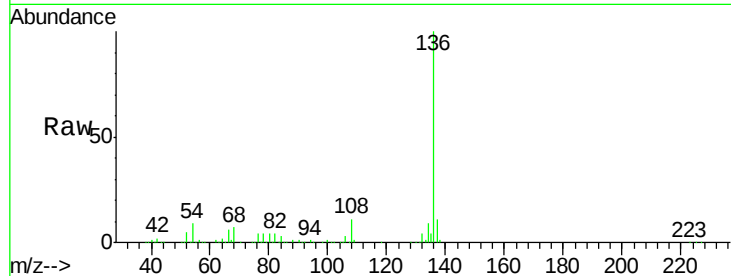
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	391700		
137	10.9		9.1	13.7
54	8.7		6.6	10.0
68	7.0		5.1	7.7

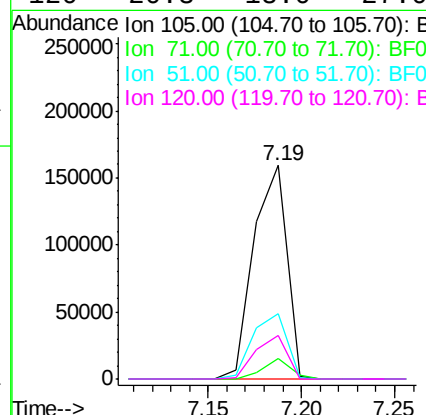
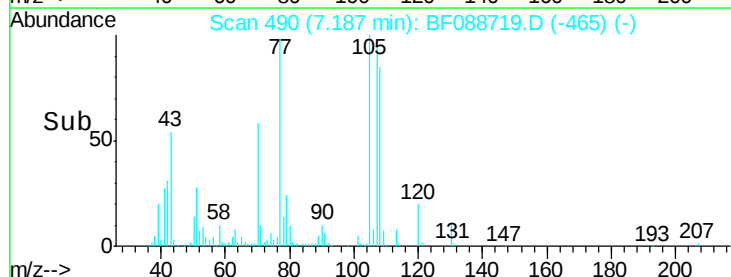
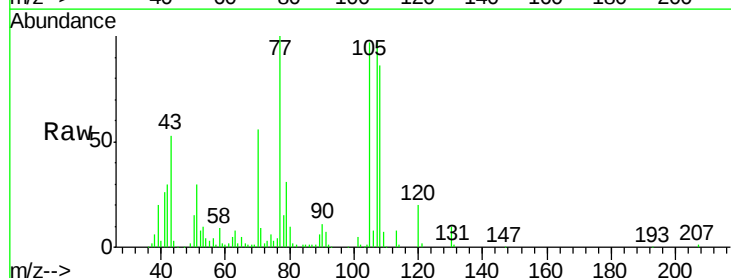
Manual Integrations

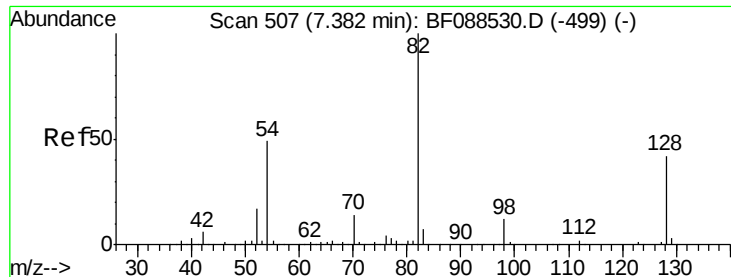
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#22
Acetophenone
Concen: 20.64 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	196181		
71	9.6		5.3	7.9#
51	30.8		18.2	27.4#
120	20.3		18.0	27.0





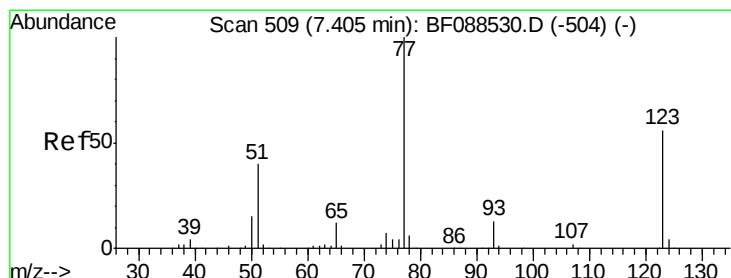
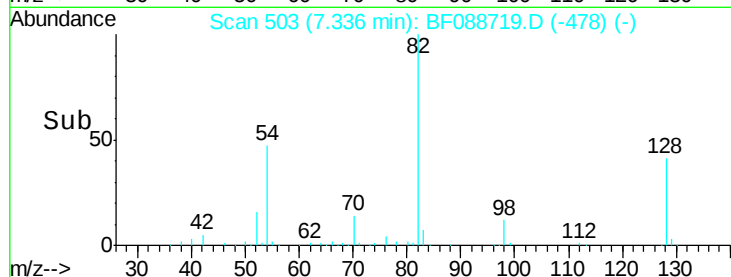
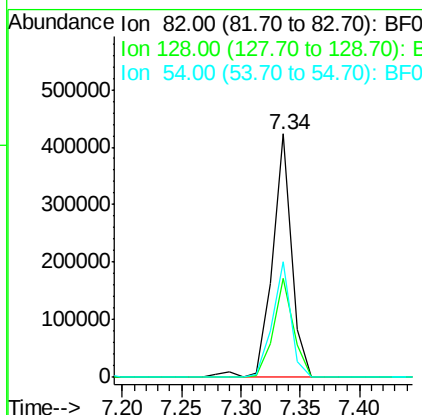
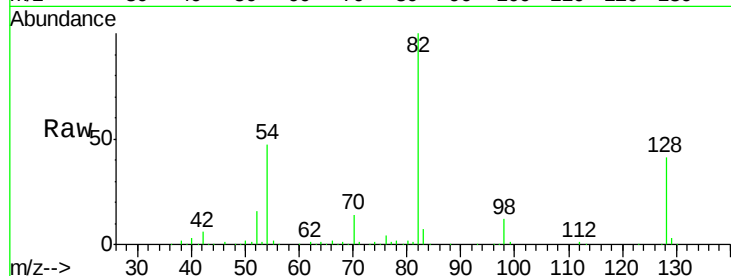
#23
 Nitrobenzene-d5
 Concen: 63.51 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

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

Tot Ion	82	Resp	474706
Ion Ratio	100	Lower	Upper
82	100		
128	40.8	35.9	53.9
54	47.4	40.9	61.3

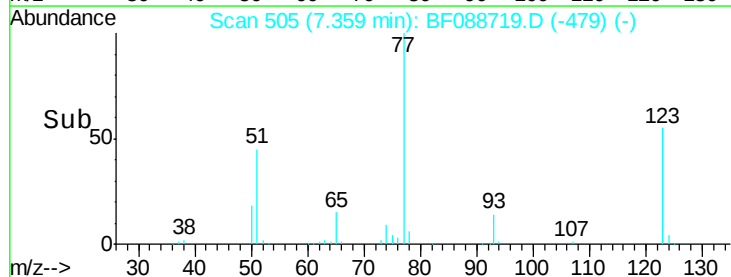
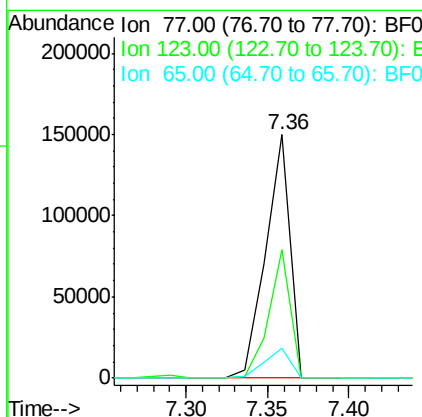
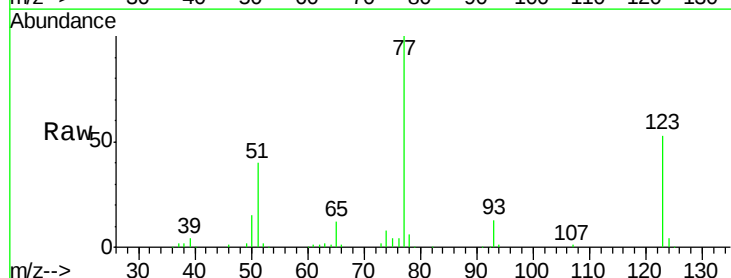
Manual Integrations

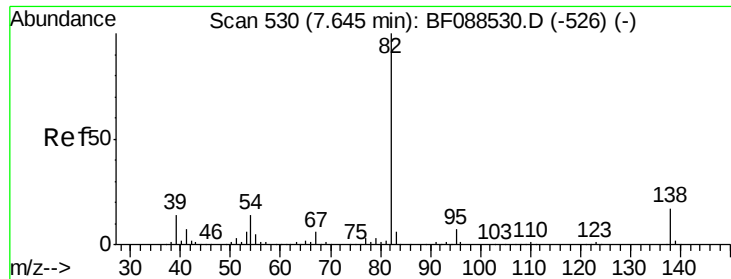
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#24
 Nitrobenzene
 Concen: 20.60 ng
 RT: 7.36 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

Tgt Ion	77	Resp	155251
Ion Ratio	100	Lower	Upper
77	100		
123	53.0	45.0	67.4
65	12.3	10.2	15.2





#25

Isophorone

Concen: 20.87 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

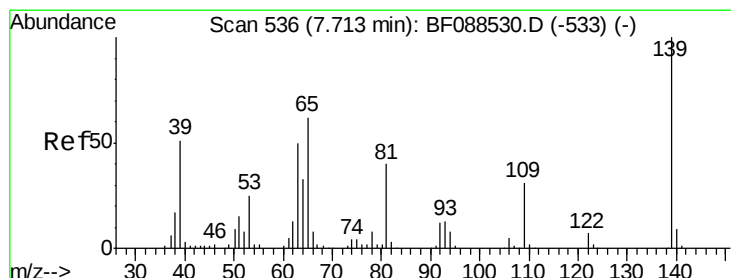
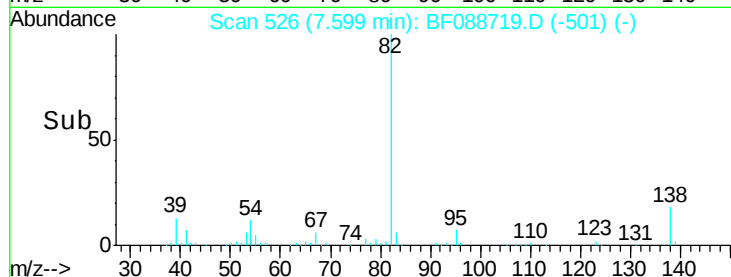
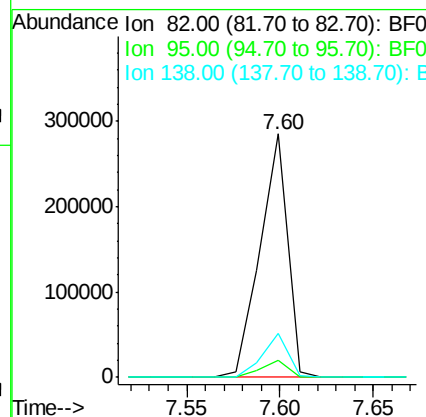
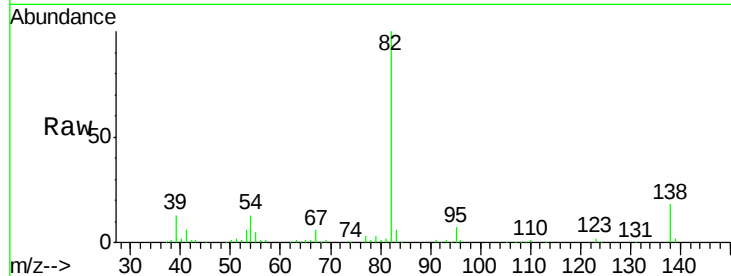
K8-B2(0-11)CMSD

Tot Ion:	82	Resp:	288992
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.4	8.2
138	17.8	14.6	21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 21.72 ng

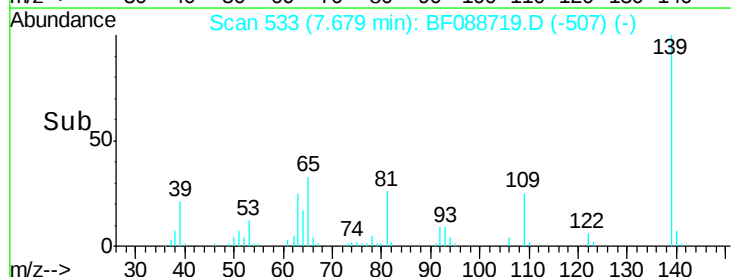
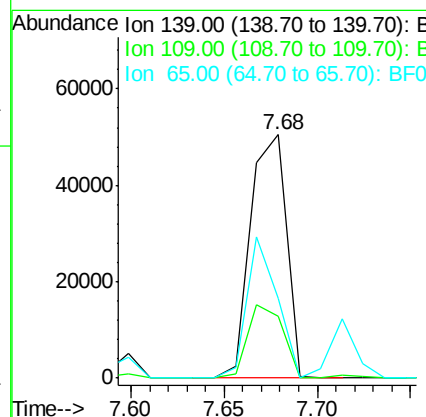
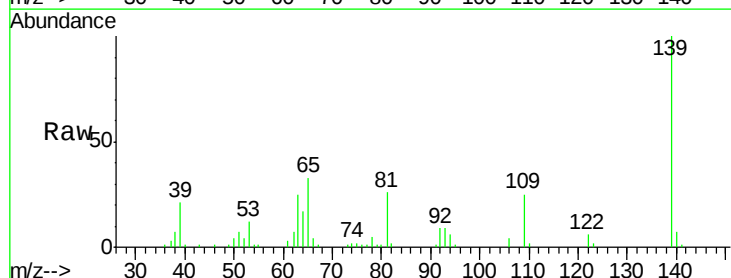
RT: 7.68 min Scan# 533

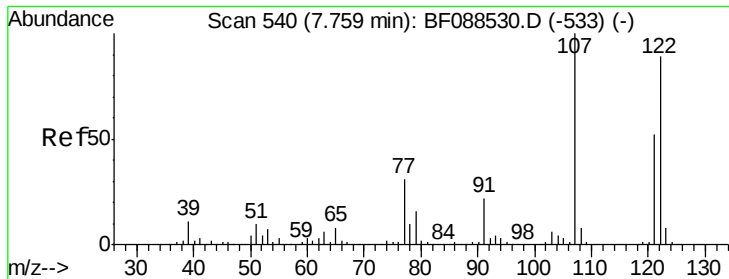
Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Tgt Ion:	139	Resp:	67117
Ion Ratio	Lower	Upper	
139	100		
109	25.3	23.0	34.4
65	32.7	45.8	68.8#





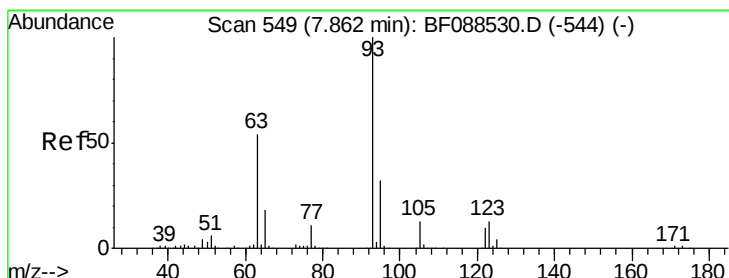
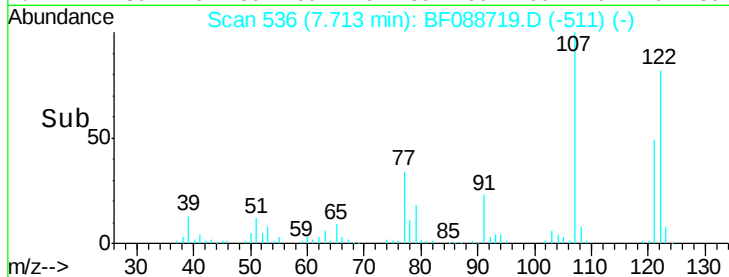
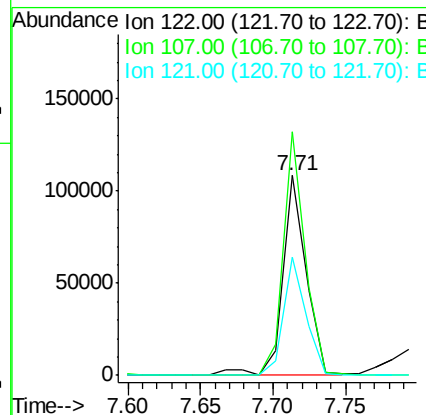
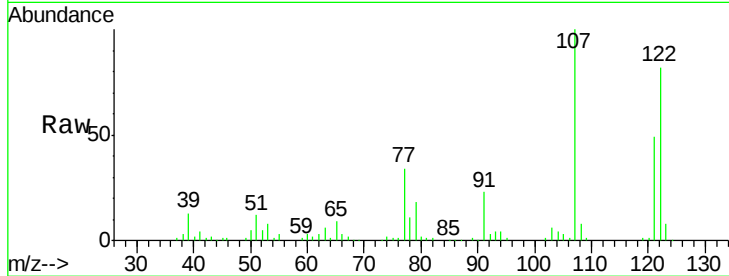
#27
2,4-Dimethylphenol
Concen: 18.82 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	121108		
107	121.8	82.4	123.6	
121	59.3	46.3	69.5	

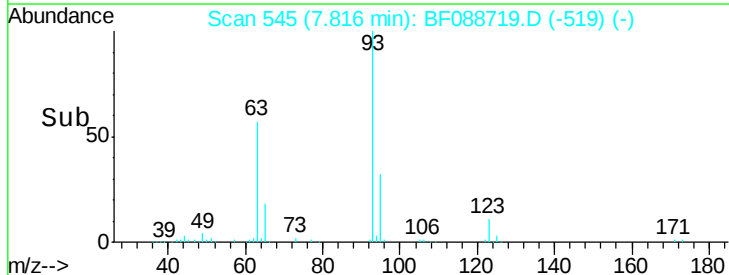
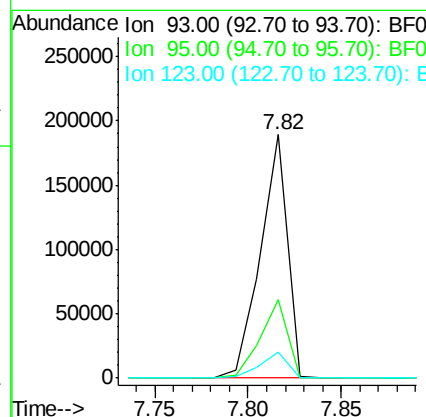
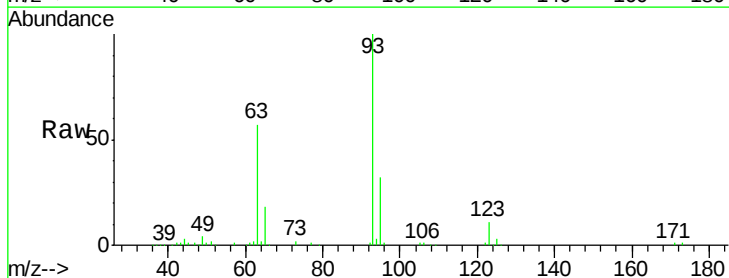
Manual Integrations

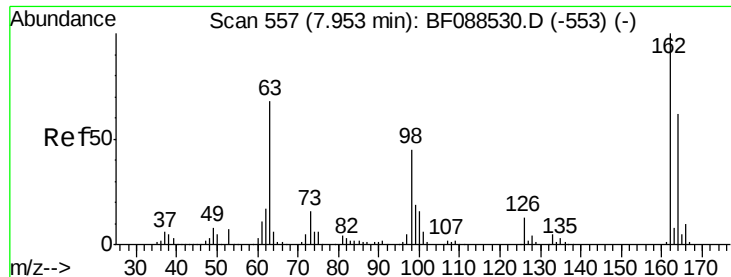
sohil
7/6/2016 7:20:20 PM



#28
bis(2-Chloroethoxy)methane
Concen: 20.89 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	188213		
95	32.0	26.5	39.7	
123	10.6	11.6	17.4	





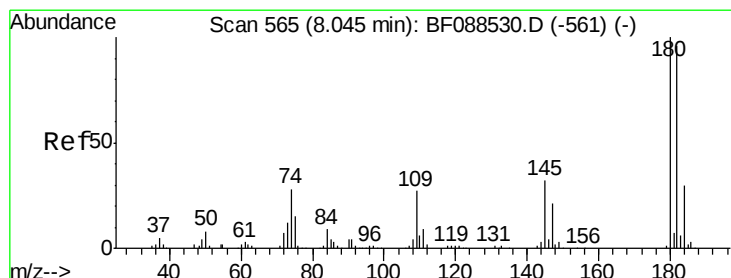
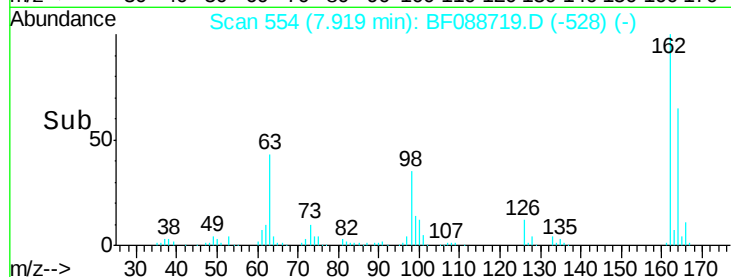
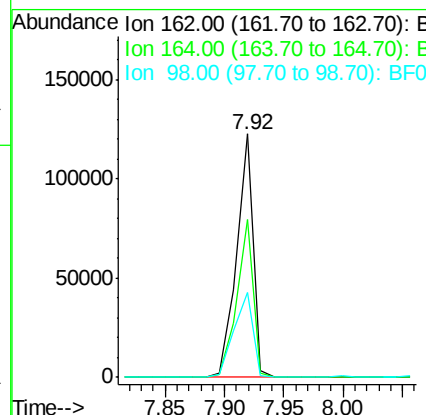
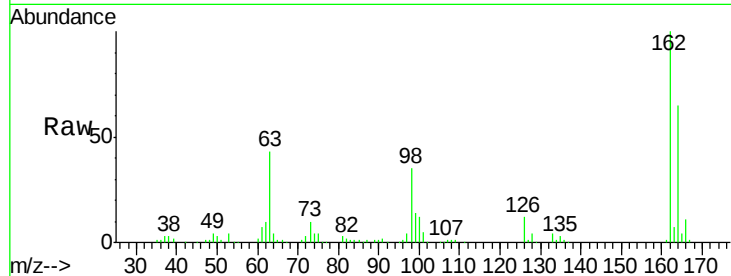
#29
2,4-Dichlorophenol
Concen: 22.95 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.8	83.8
98	34.7	21.3	61.3

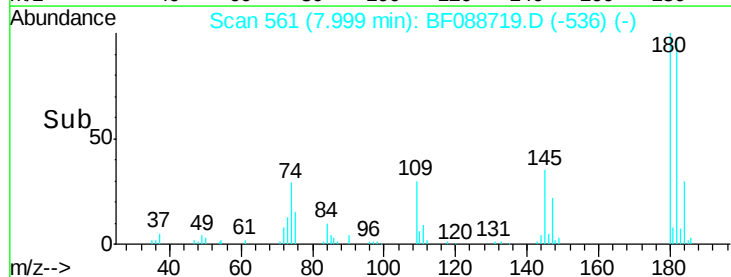
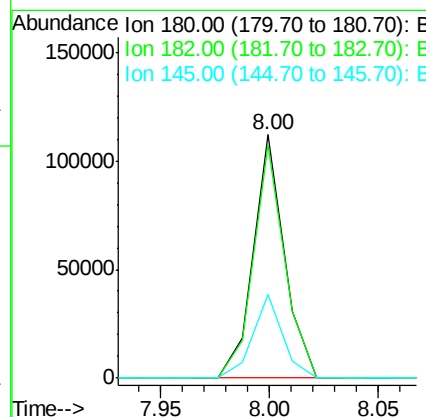
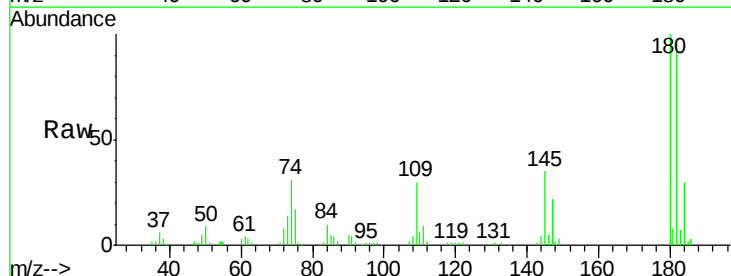
Manual Integrations

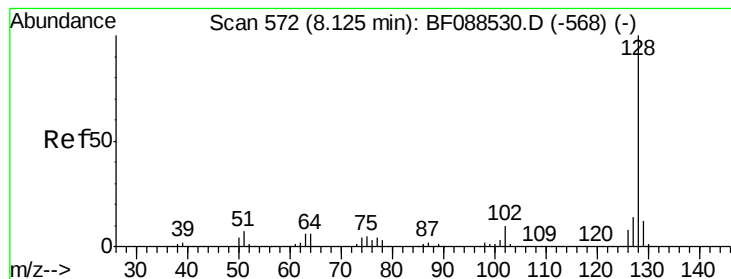
sohil
7/6/2016 7:20:20 PM



#30
1,2,4-Trichlorobenzene
Concen: 19.40 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.0	114.0
145	34.5	26.5	39.7





#31

Naphthalene

Concen: 20.35 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

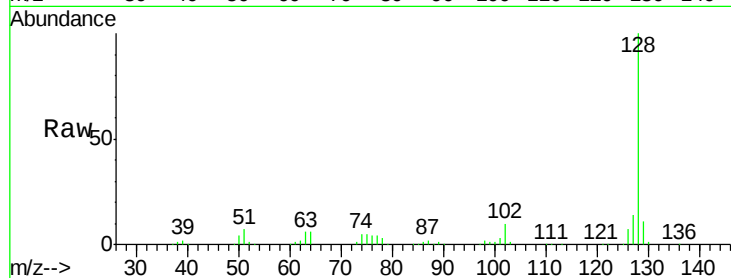
K8-B2(0-11)CMSD

Tot Ion:	128	Resp:	392905
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.4	14.2
127	13.6	10.9	16.3

Manual Integrations

sohil

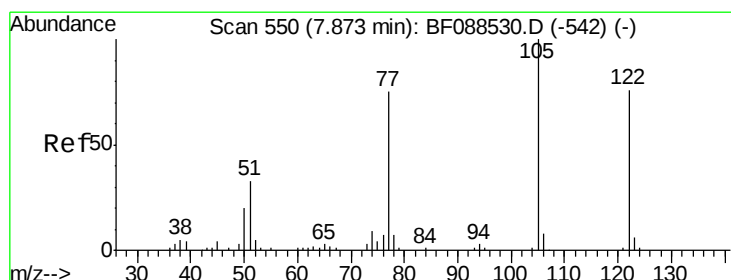
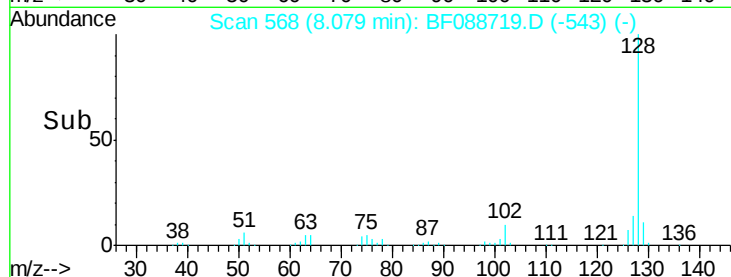
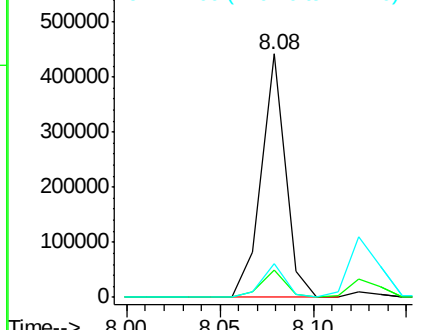
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.07 ng

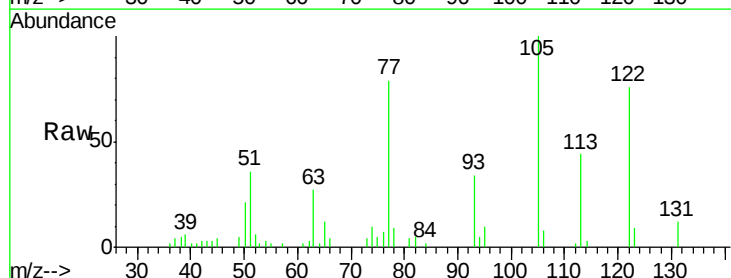
RT: 7.79 min Scan# 543

Delta R.T. -0.07 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

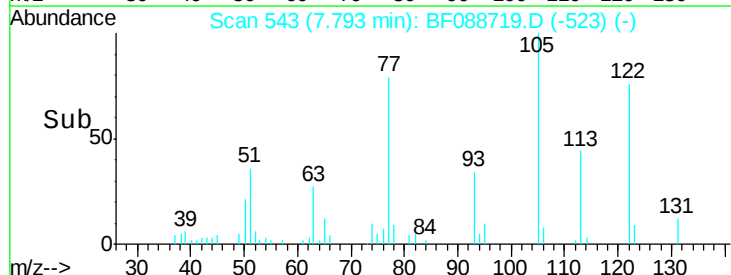
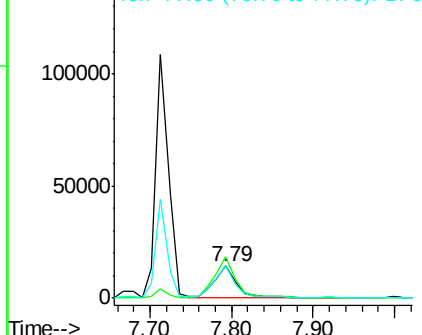
Tgt Ion:	122	Resp:	28369
Ion Ratio	Lower	Upper	
122	100		
105	130.8	101.6	141.6
77	102.9	70.6	110.6

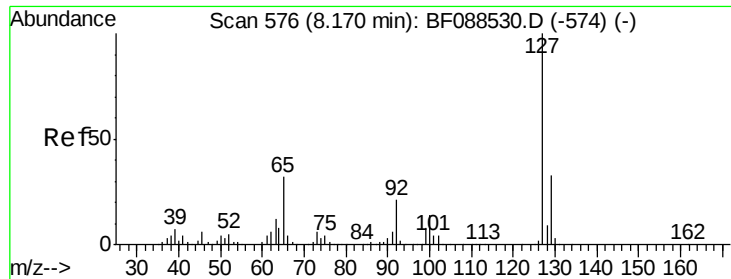


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





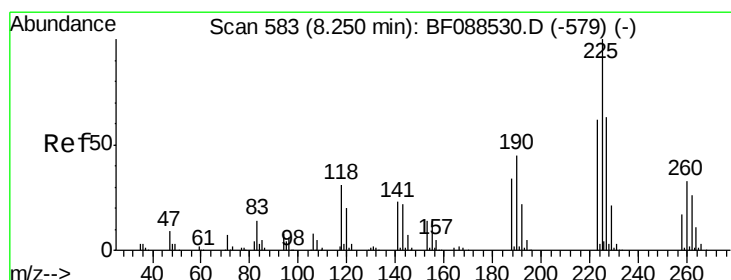
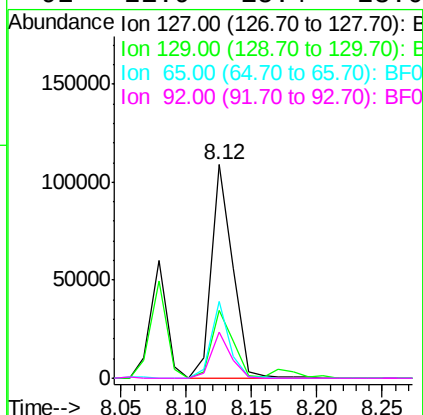
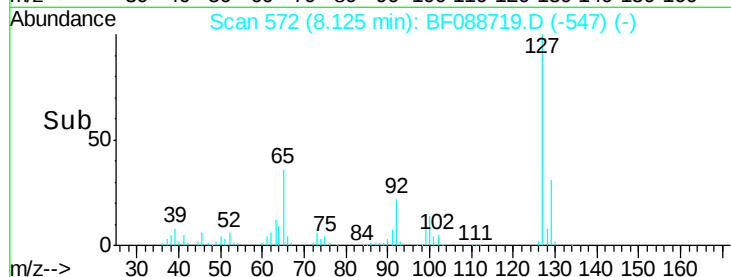
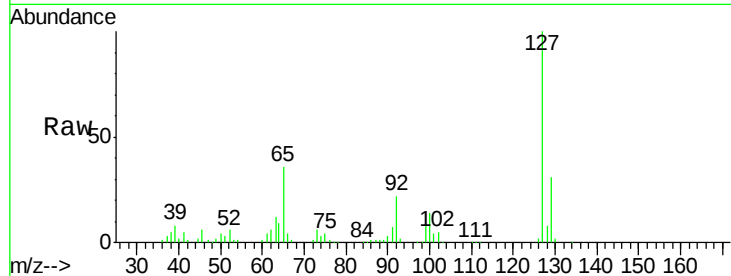
#33
4-Chloroaniline
Concen: 14.53 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	26.3	39.5		
65	36.1	24.7	37.1		
92	21.9	15.4	23.0		

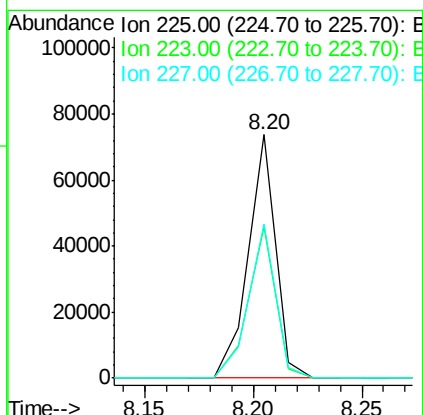
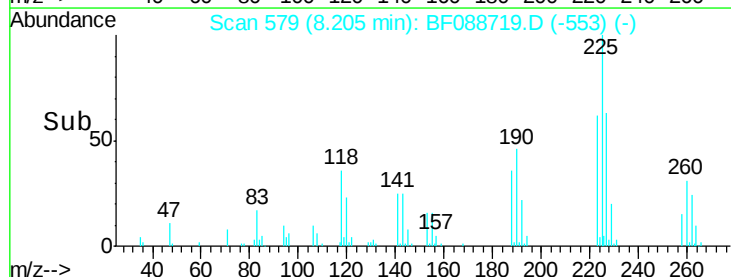
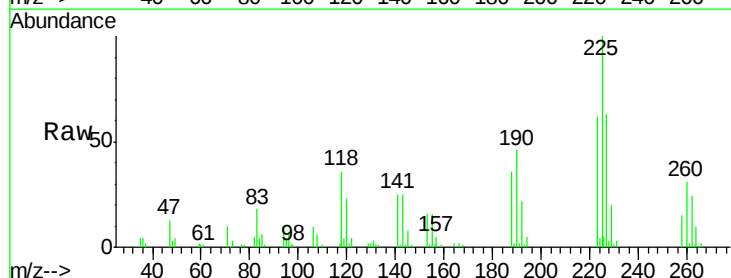
Manual Integrations

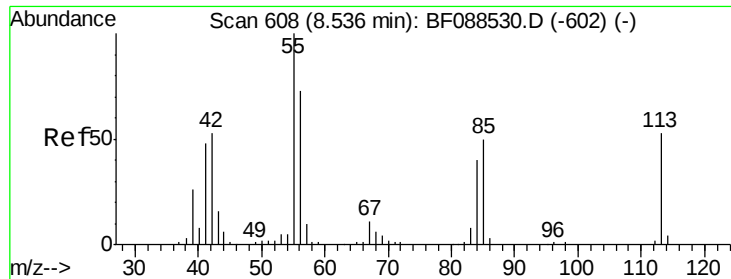
sohil
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#34
Hexachlorobutadiene
Concen: 21.00 ng
RT: 8.20 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	50.9	76.3		
227	63.5	51.9	77.9		





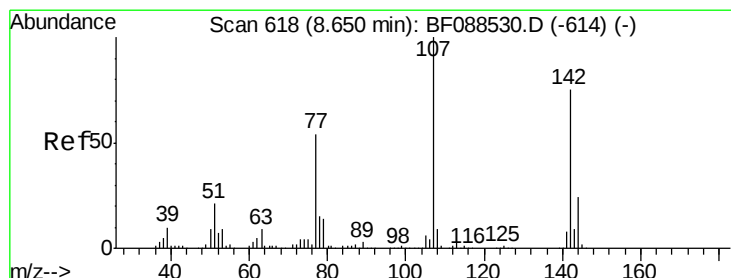
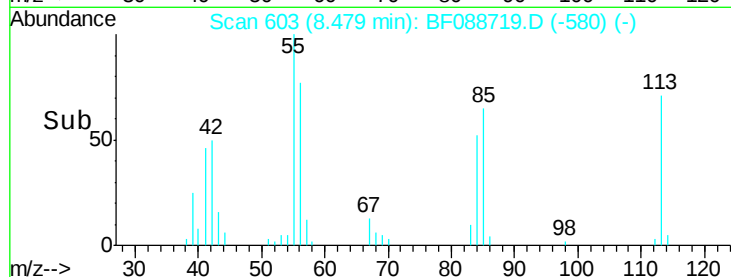
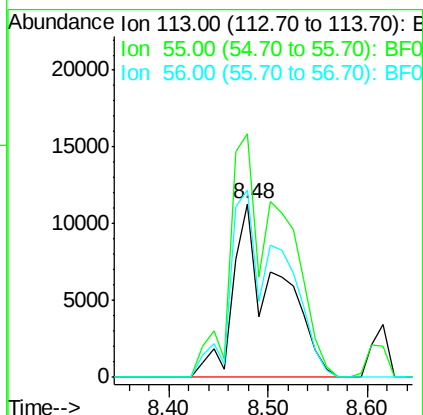
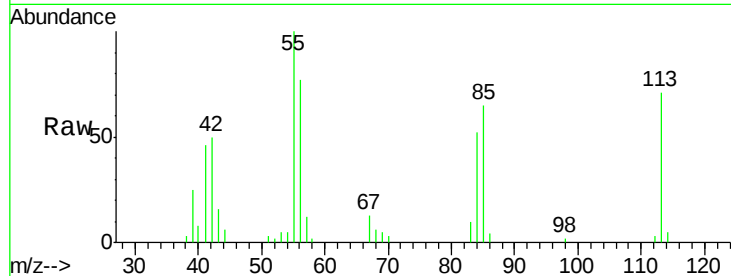
#35
Caprolactam
Concen: 20.18 ng/ml
RT: 8.48 min Scan# 603
Delta R.T. -0.03 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

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

Tot Ion:113 Resp: 35659
Ion Ratio Lower Upper
113 100
55 140.3 158.6 198.6#
56 107.9 110.6 150.6#

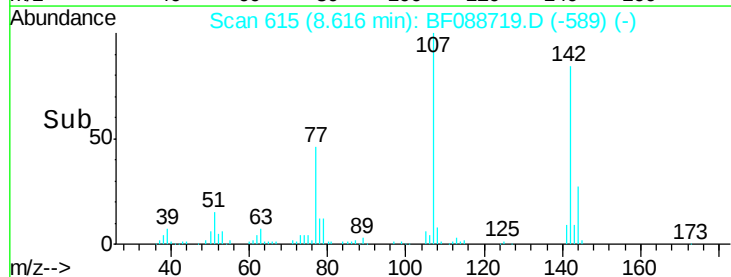
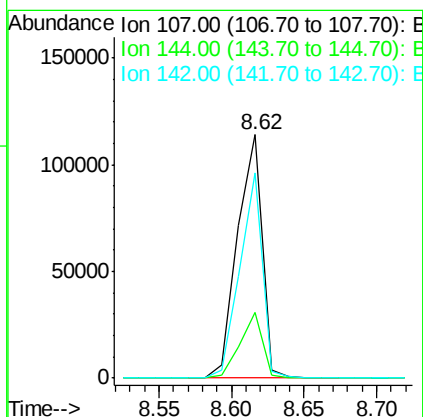
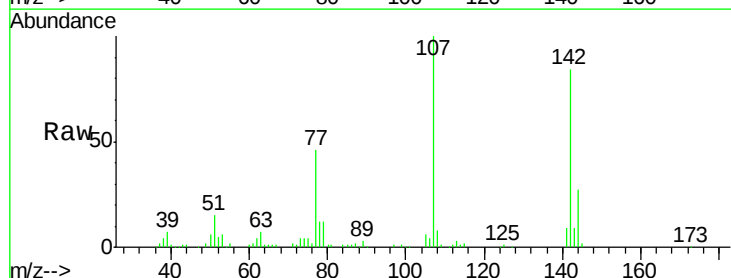
Manual Integrations

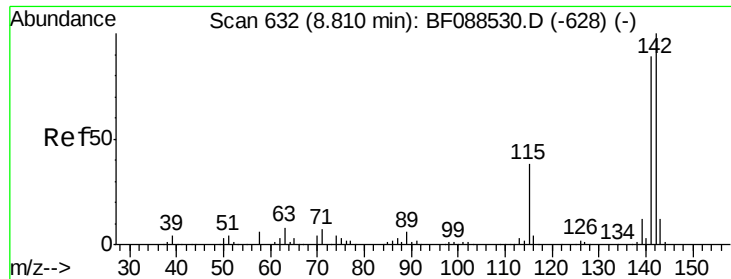
sohil
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#36
4-Chloro-3-methylphenol
Concen: 21.97 ng/ml
RT: 8.62 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Tgt Ion:107 Resp: 135164
Ion Ratio Lower Upper
107 100
144 27.2 20.8 31.2
142 84.4 63.4 95.2





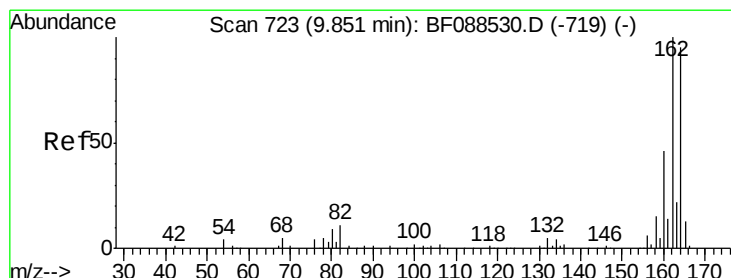
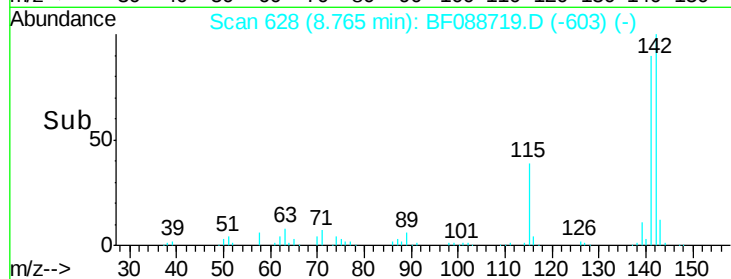
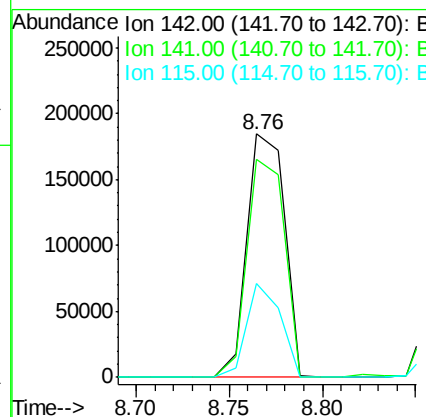
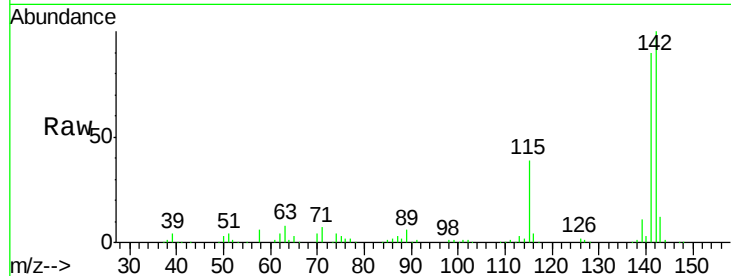
#37
2-Methylnaphthalene
Concen: 20.73 ng
RT: 8.76 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	38.6	22.6	33.8

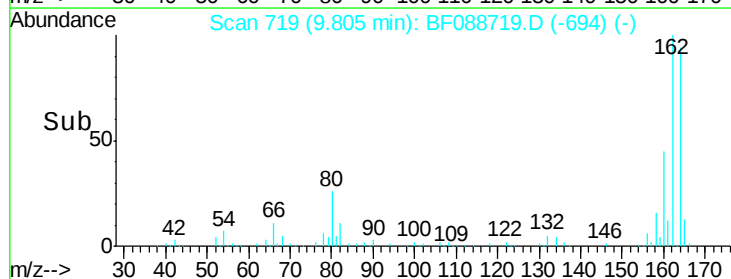
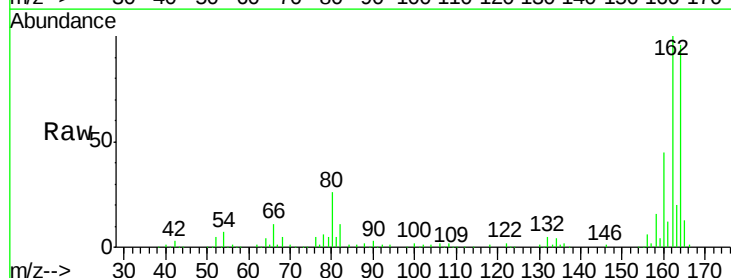
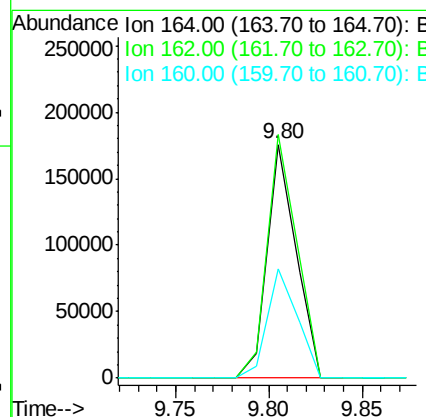
Manual Integrations

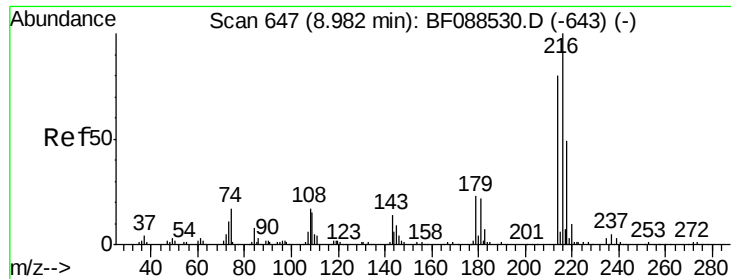
sohil
7/6/2016 7:20:20 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.4	128.2
160	46.9	39.5	59.3





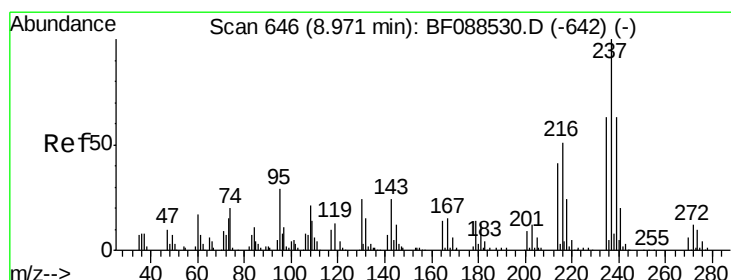
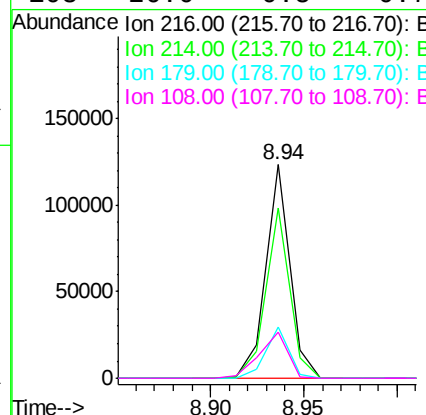
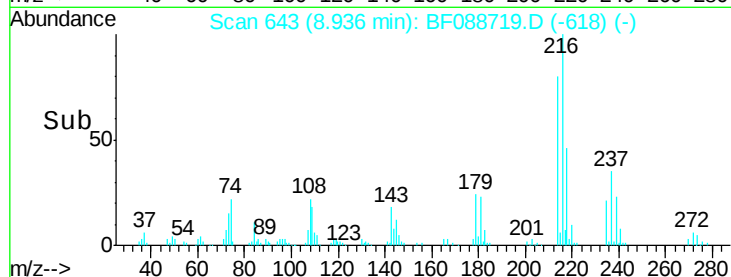
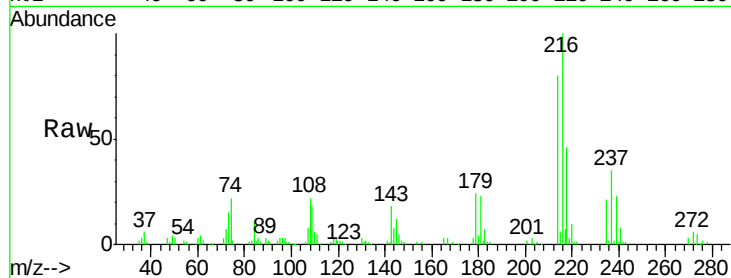
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 17.42 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.3	2.9	4.3#		
179	23.3	0.0	0.0#		
108	26.0	0.5	0.7#		

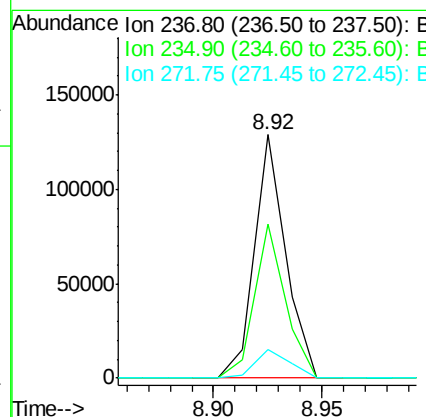
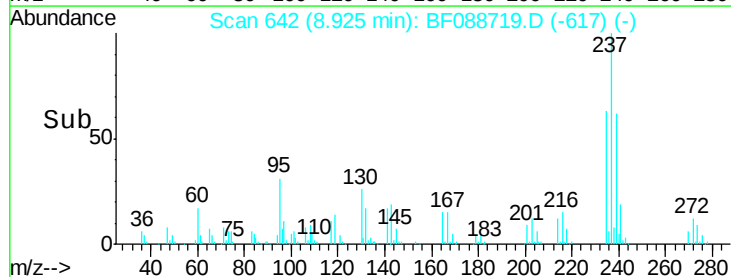
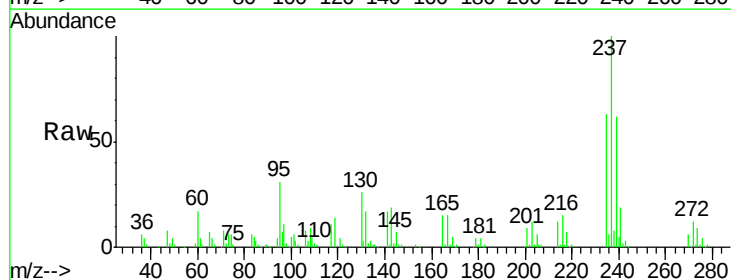
Manual Integrations

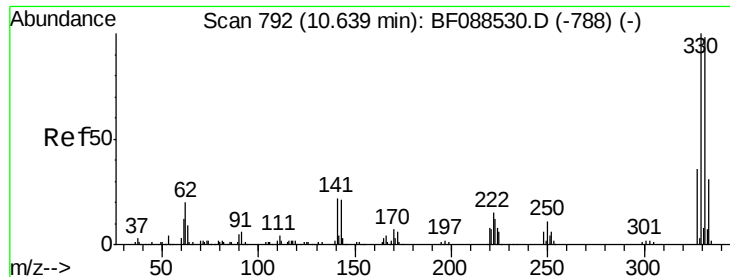
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#40
 Hexachlorocyclopentadiene
 Concen: 41.78 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.0	43.4	83.4		
272	11.8	0.0	32.3		





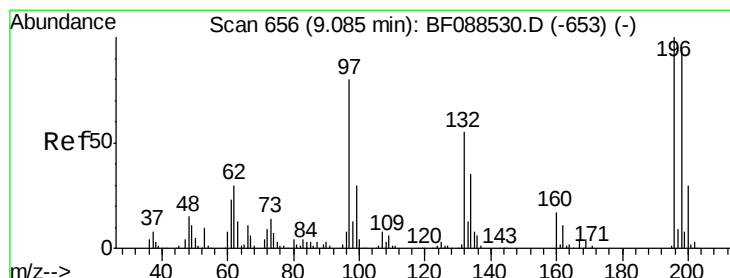
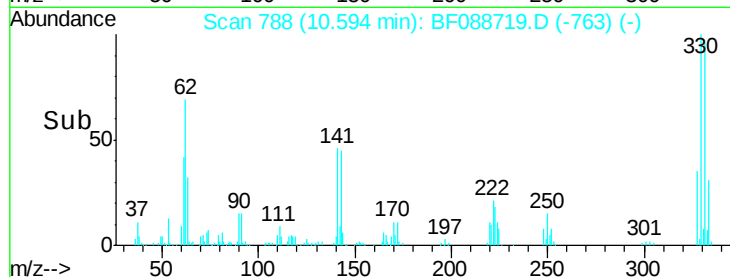
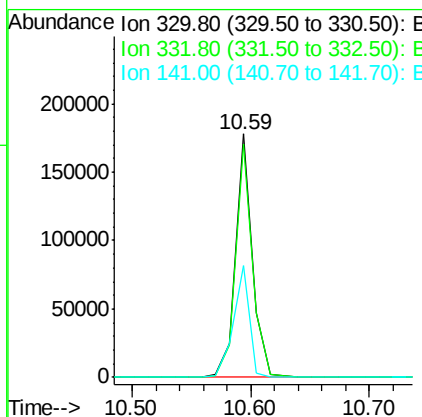
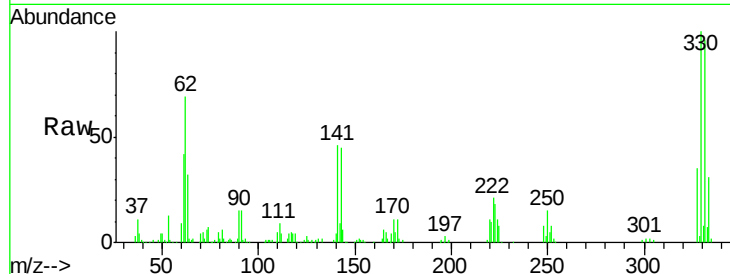
#41
 2,4,6-Tribromophenol
 Concen: 100.10 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	175098		
332	96.5	0.0	0.0	0.0
141	44.0	0.0	0.0	0.0

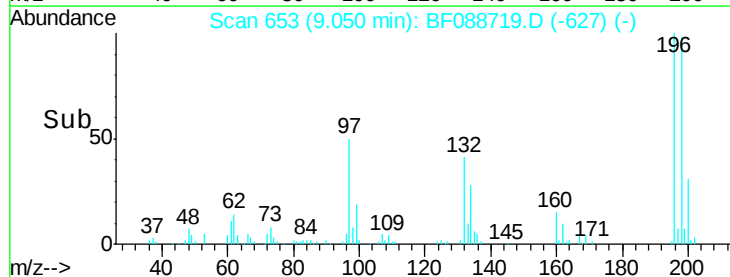
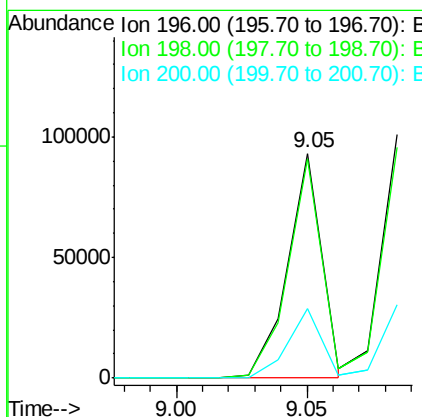
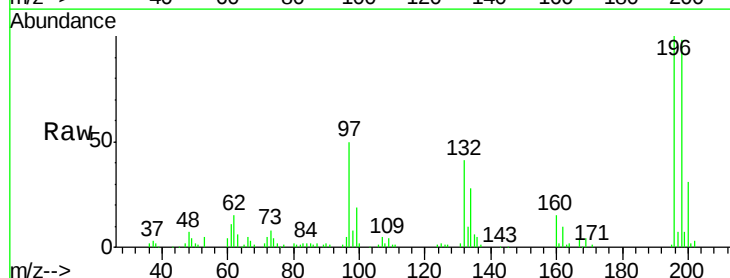
Manual Integrations

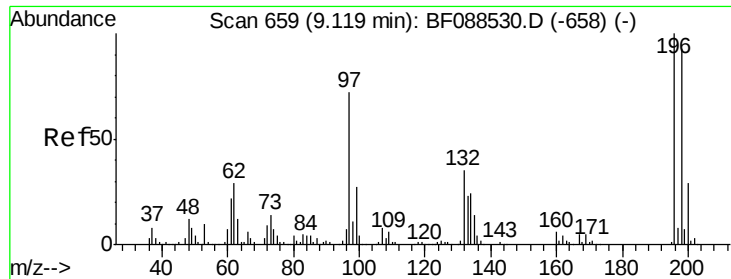
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#42
 2,4,6-Trichlorophenol
 Concen: 20.42 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	84373		
198	97.8	78.0	117.0	
200	31.0	25.4	38.2	





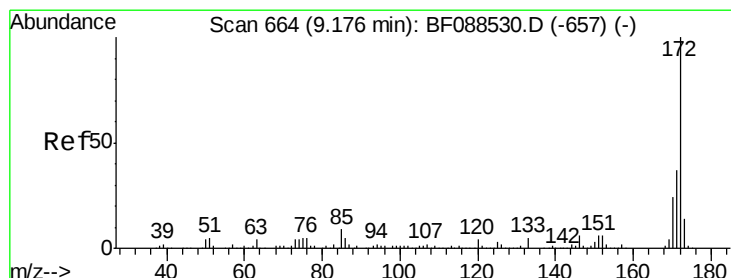
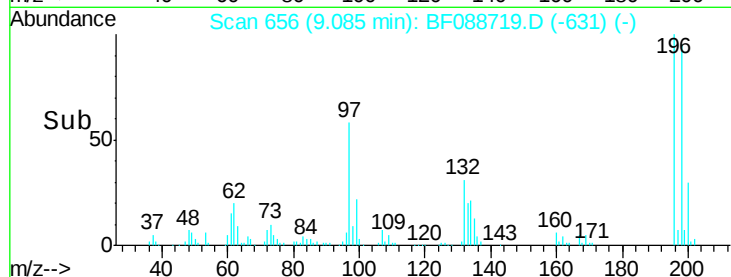
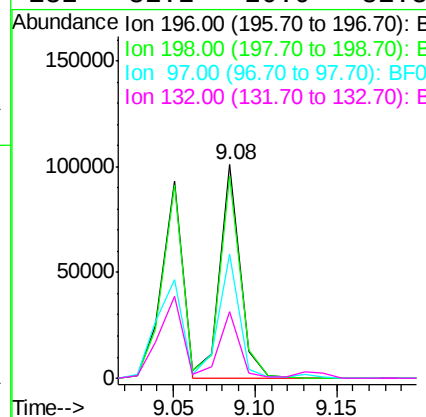
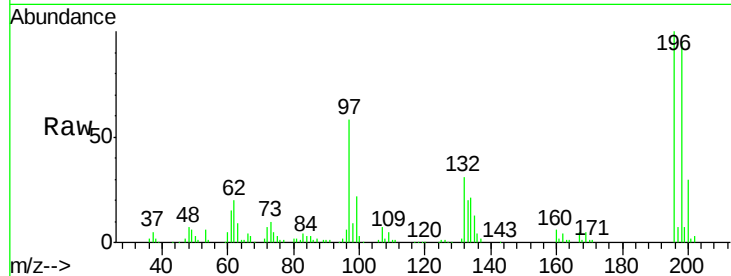
#43
 2,4,5-Trichlorophenol
 Concen: 24.54 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		87216		
198	94.7	77.5	116.3		
97	57.9	32.0	48.0		
132	31.2	20.9	31.3		

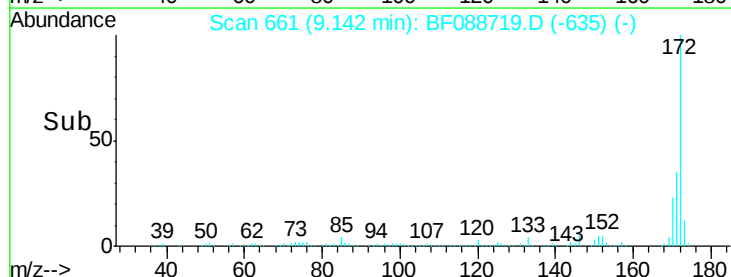
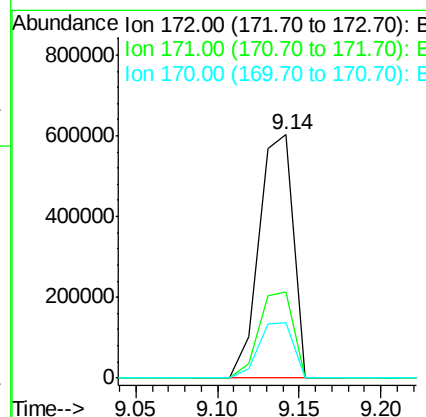
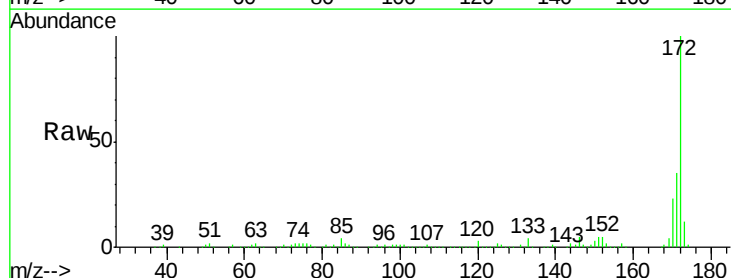
Manual Integrations

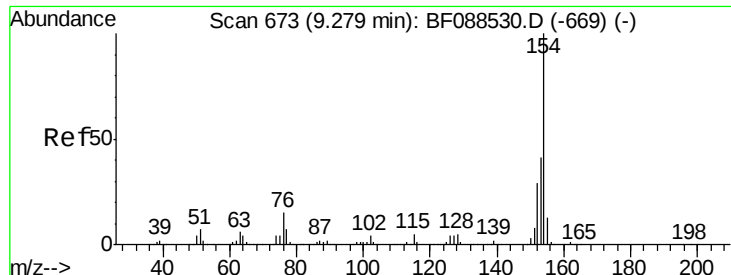
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#44
 2-Fluorobiphenyl
 Concen: 73.41 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		875500		
171	35.4	28.6	43.0		
170	23.0	19.2	28.8		





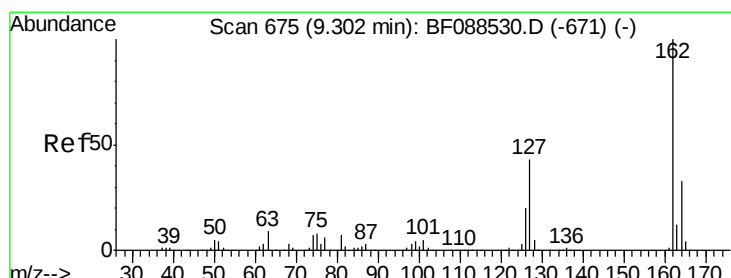
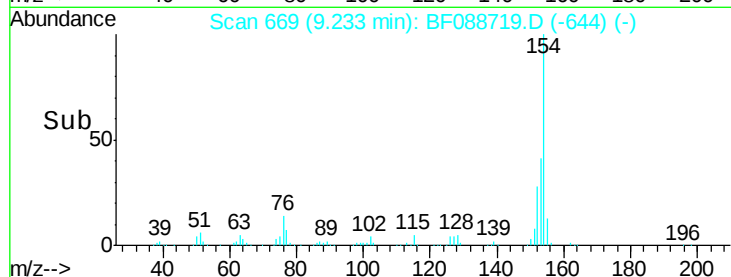
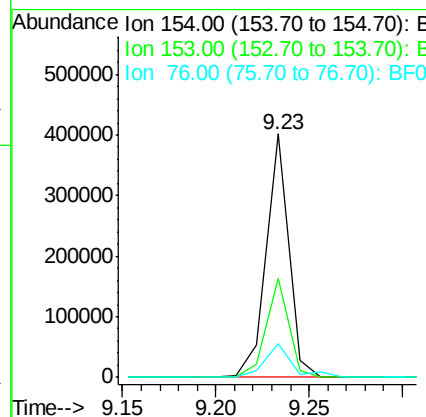
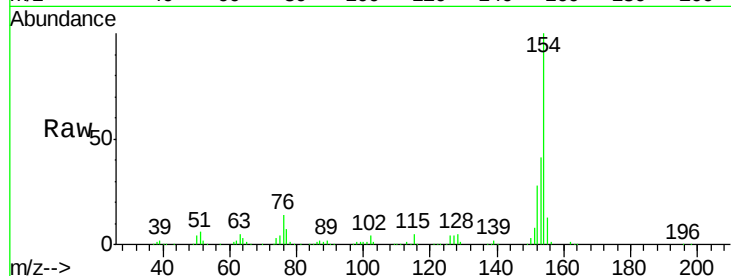
#45
 1,1'-Biphenyl
 Concen: 21.41 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	13.9	0.0	35.1

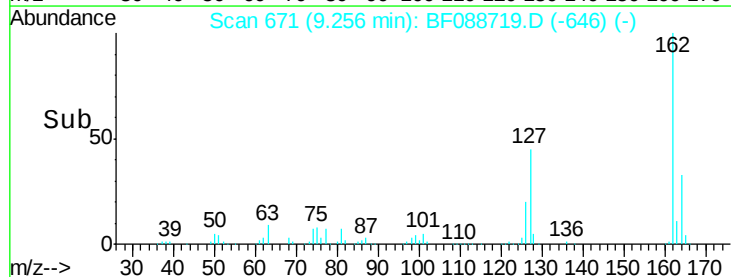
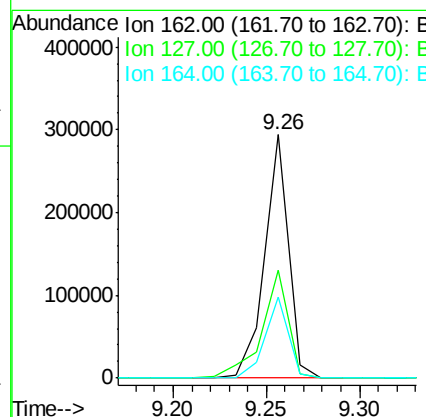
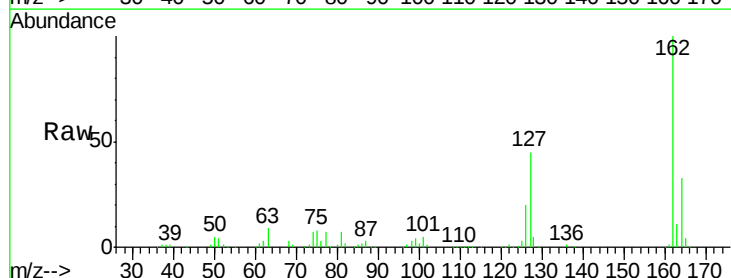
Manual Integrations

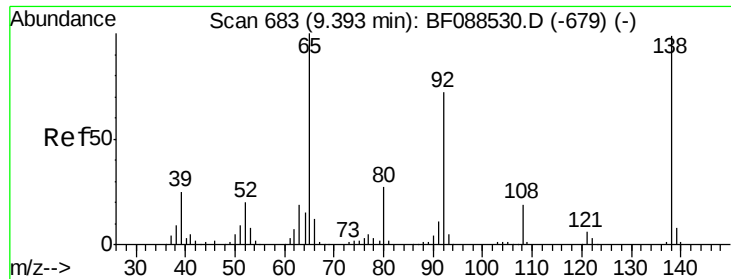
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#46
 2-Chloronaphthalene
 Concen: 20.99 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.6	35.2	52.8
164	33.0	26.6	39.8





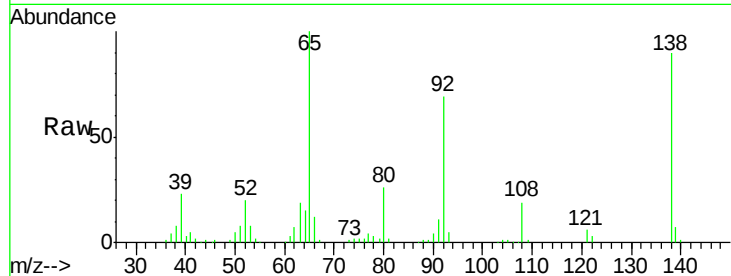
#47
2-Nitroaniline
Concen: 19.50 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

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

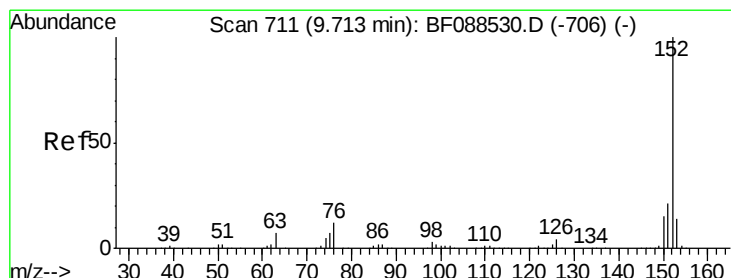
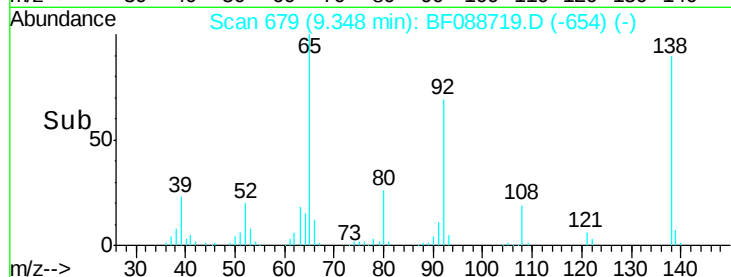
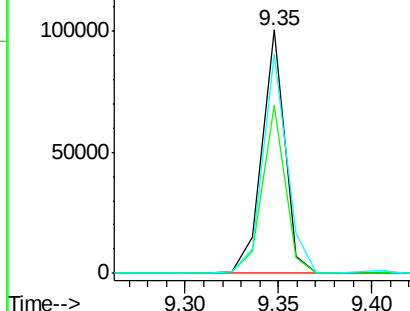
Tot Ion	Ratio	Lower	Upper
65	100		
92	69.3	54.6	82.0
138	89.9	77.0	115.4

Manual Integrations

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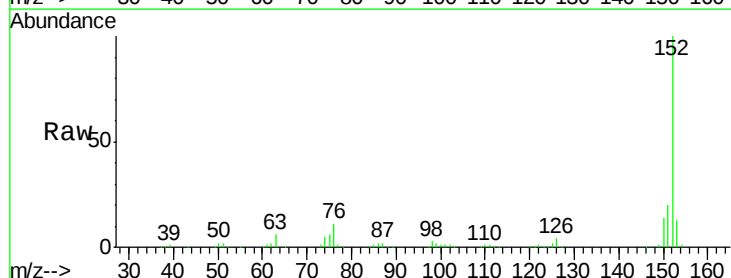


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

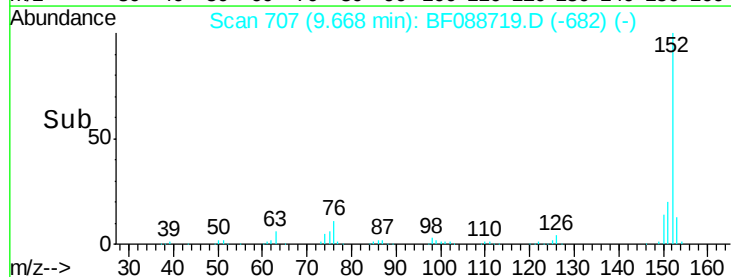
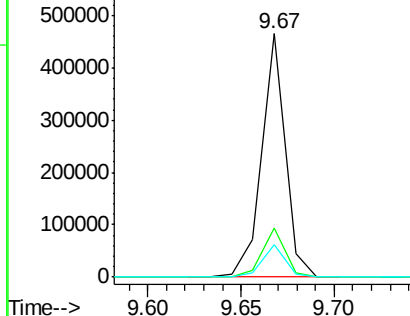


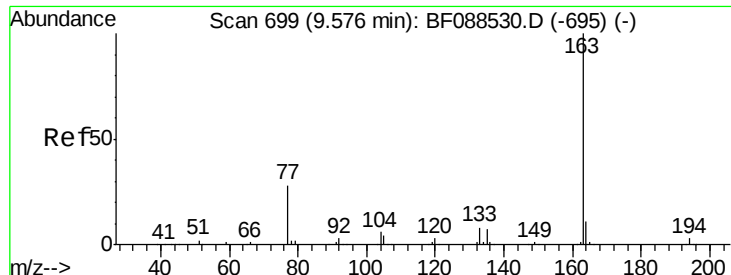
#48
Acenaphthylene
Concen: 20.60 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.4	11.0	16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





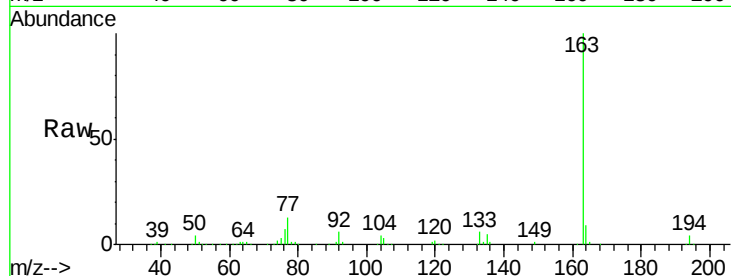
#49
Dimethylphthalate
Concen: 29.95 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

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

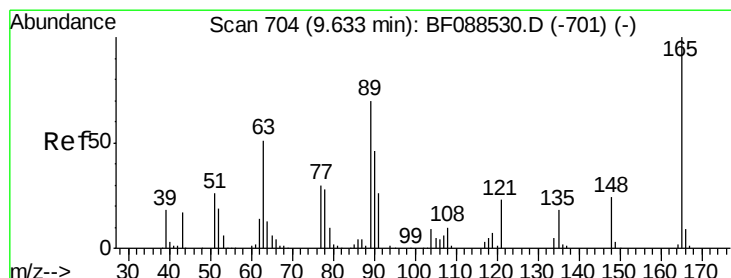
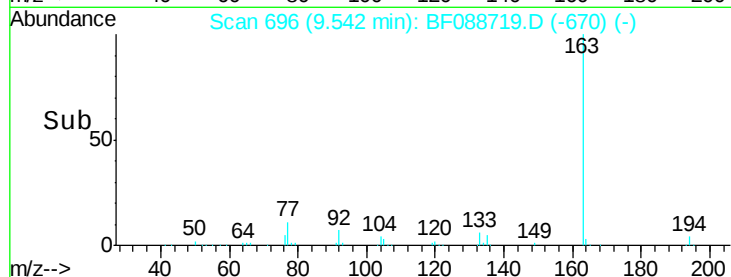
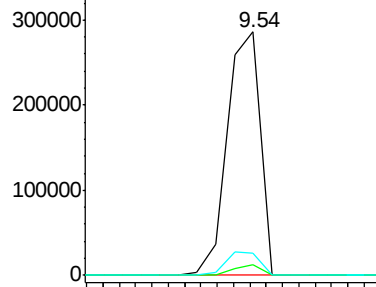
Tot Ion	Ratio	Resp	Lower	Upper
163	100	401967		
194	4.1		2.8	4.2
164	9.3		8.3	12.5

Manual Integrations

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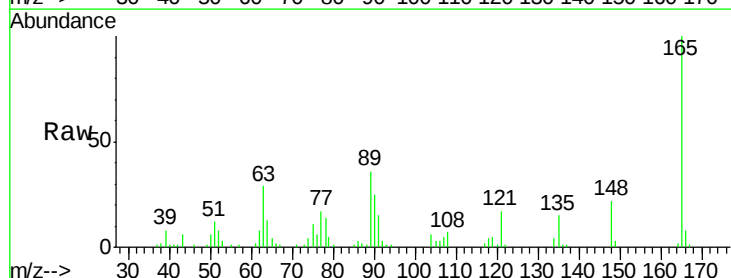


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

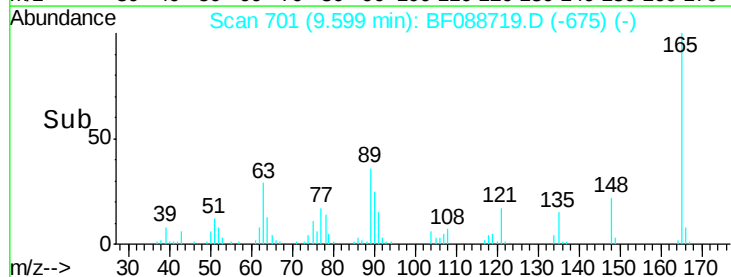
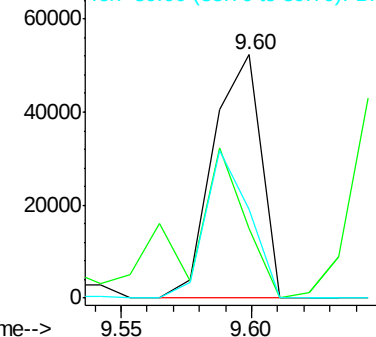


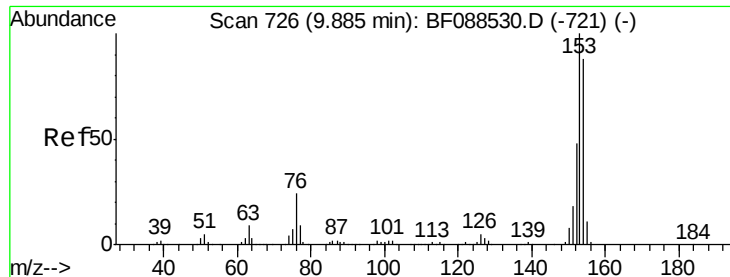
#50
2,6-Dinitrotoluene
Concen: 22.29 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	66313		
63	28.7		28.1	42.1
89	36.2		32.2	48.2



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 21.28 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tot Ion:154 Resp: 254137

Ion Ratio Lower Upper

154 100

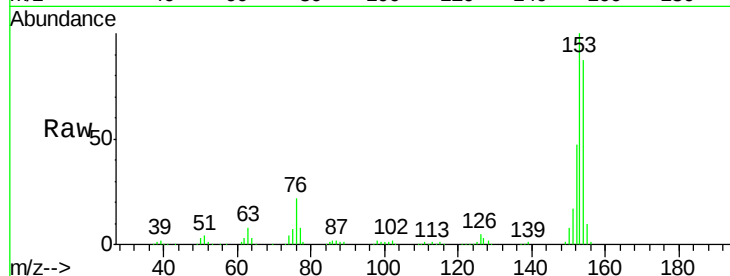
153 114.9 89.5 134.3

152 53.8 42.7 64.1

Manual Integrations

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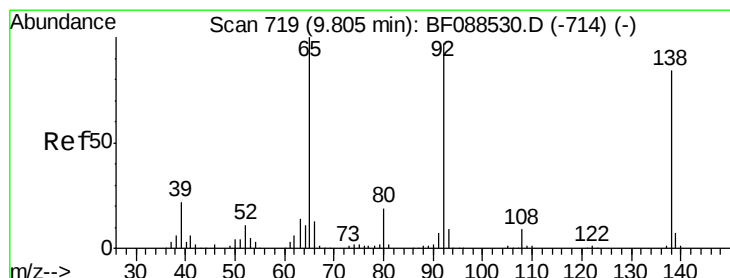
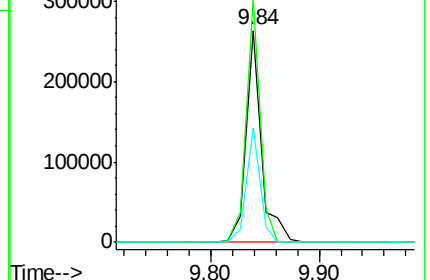
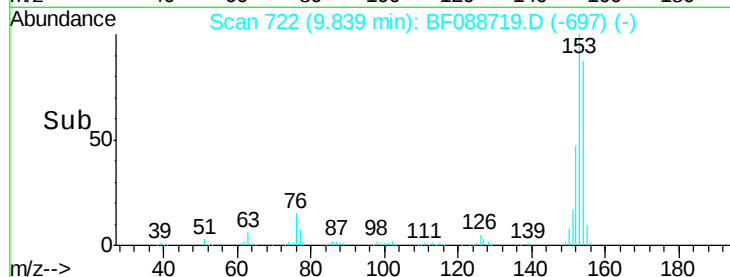
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.44 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

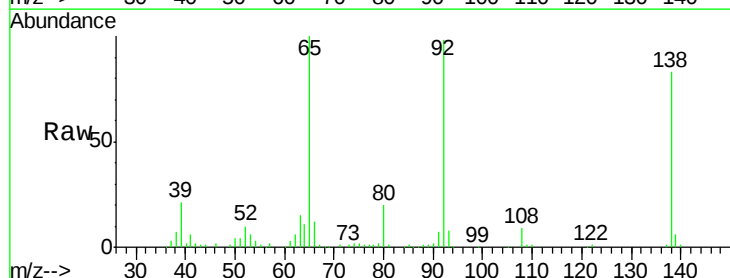
Tgt Ion:138 Resp: 69741

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

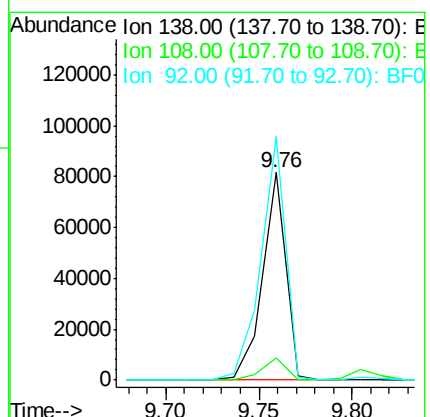
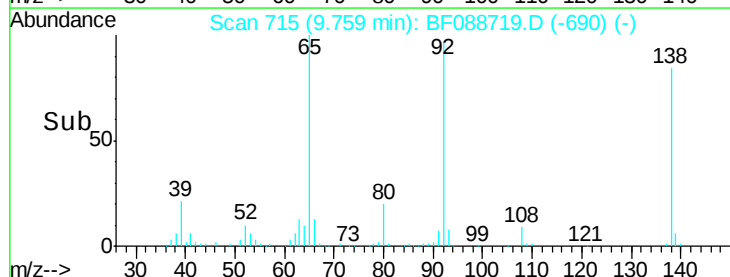
92 117.2 95.7 143.5

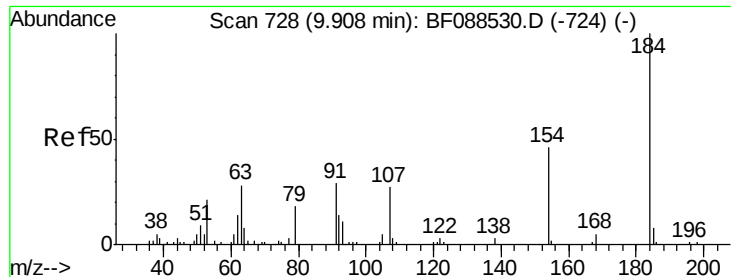


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





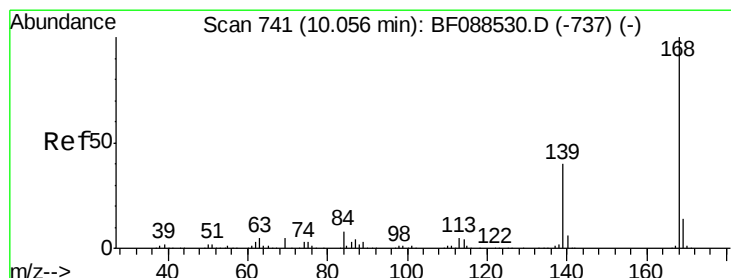
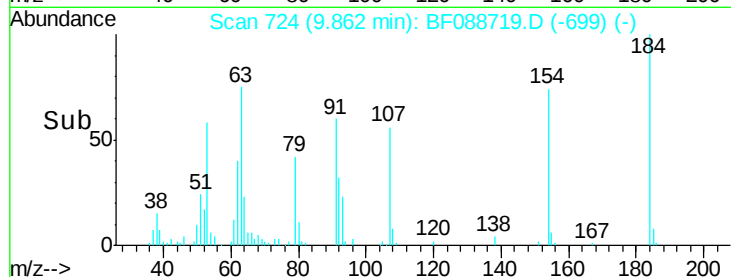
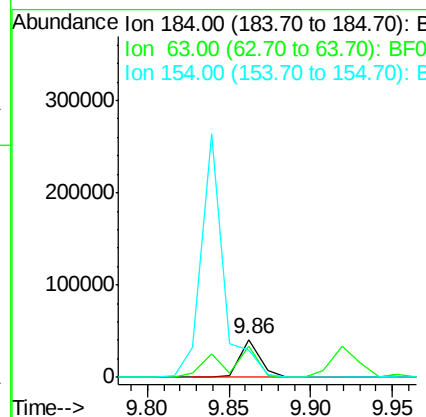
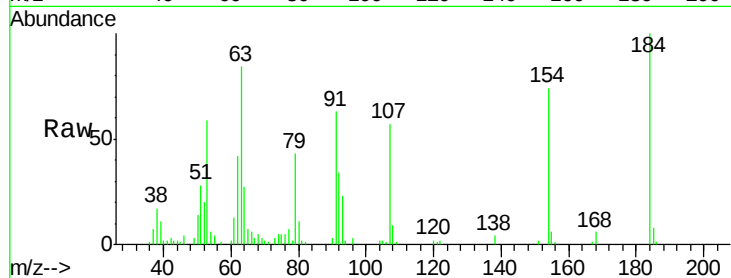
#53
2,4-Dinitrophenol
Concen: 26.02 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	83.9	57.6	86.4
154	73.8	53.5	80.3

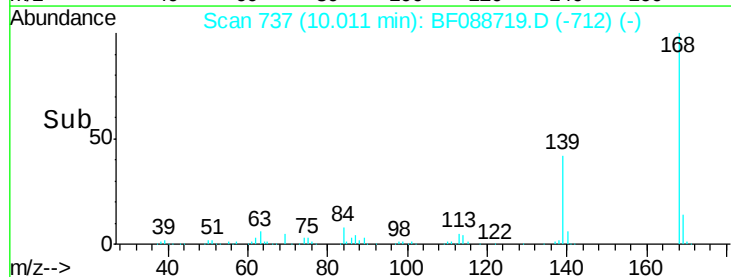
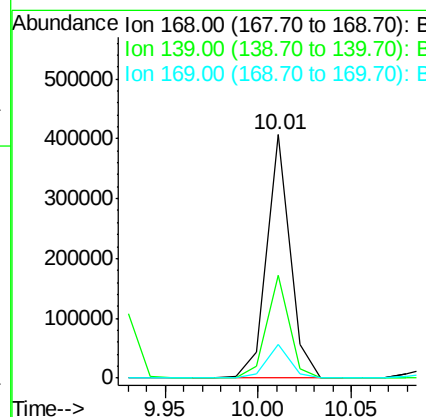
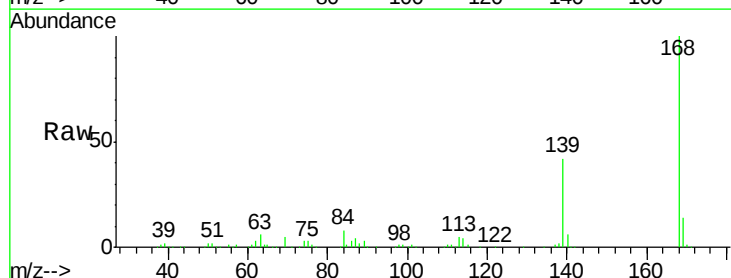
Manual Integrations

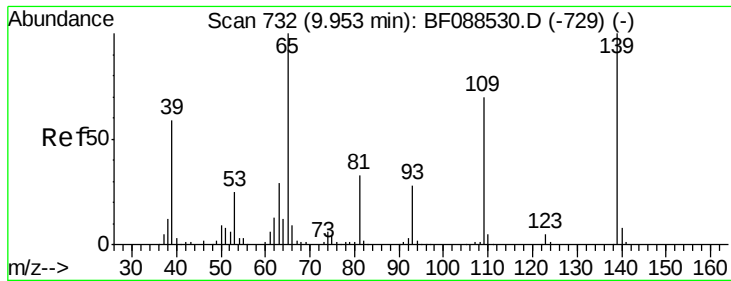
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#54
Dibenzofuran
Concen: 22.39 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.2	26.4	39.6#
169	14.0	10.4	15.6





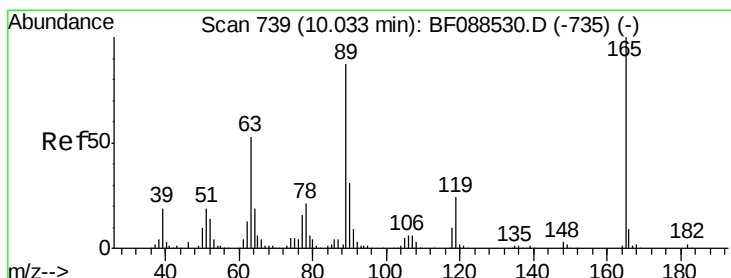
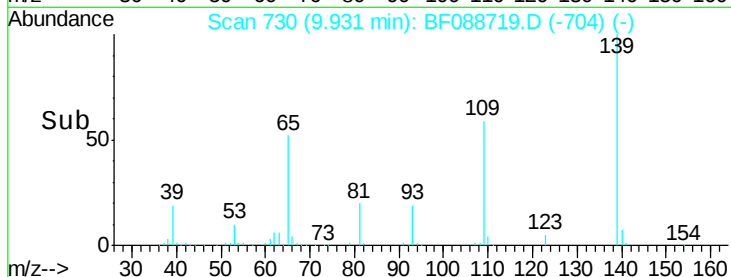
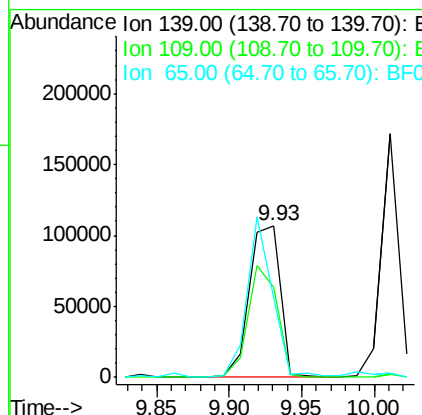
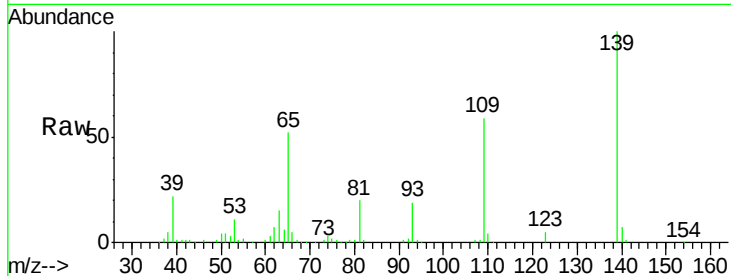
#55
4-Nitrophenol
Concen: 55.11 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

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

Tot Ion	Ratio	Lower	Upper
139	100		
109	58.8	48.9	88.9
65	52.2	84.9	124.9

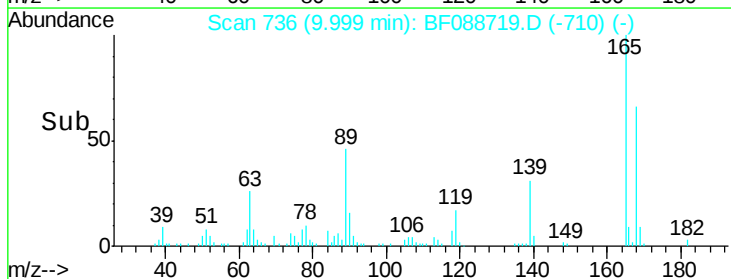
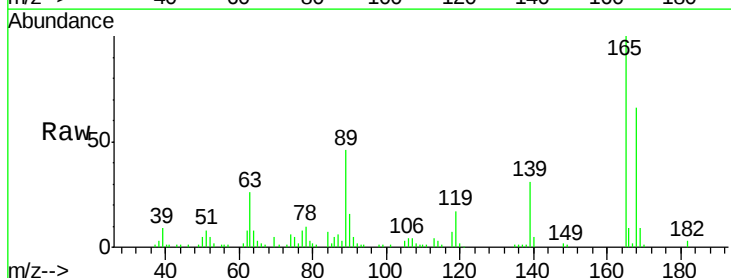
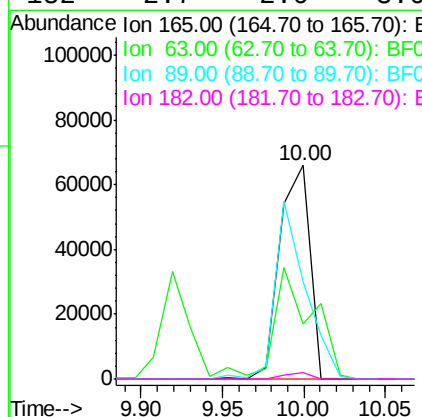
Manual Integrations

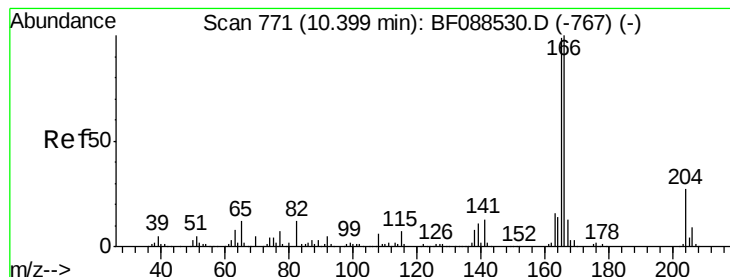
sohil
7/6/2016 7:20:20 PM



#56
2,4-Dinitrotoluene
Concen: 21.85 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	25.8	22.0	33.0
89	45.7	41.1	61.7
182	2.7	2.0	3.0





#57

Fluorene

Concen: 23.78 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF088719.D

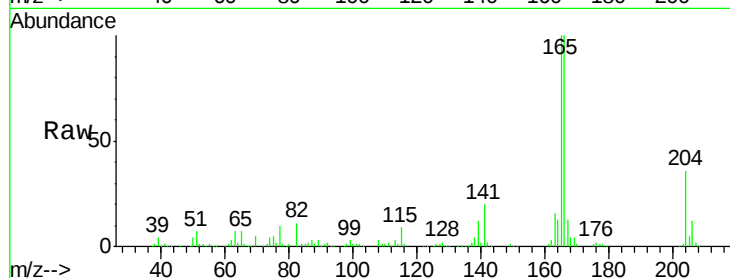
Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD



Tot Ion:166 Resp: 286523

Ion Ratio Lower Upper

166 100

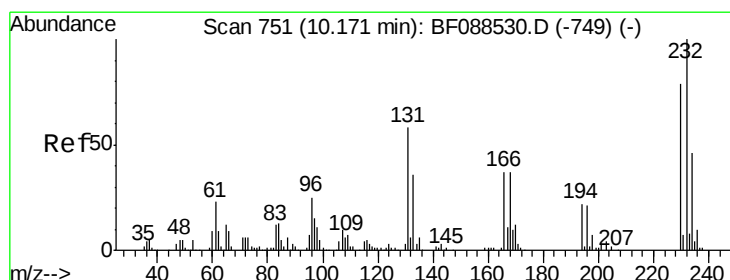
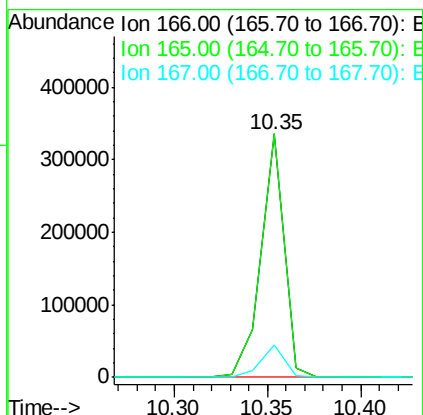
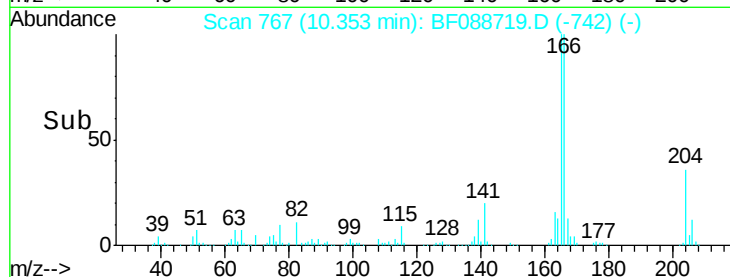
165 100.0 77.8 116.8

167 13.5 11.2 16.8

Manual Integrations

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7/6/2016 7:20:20 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.25 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Tgt Ion:232 Resp: 61189

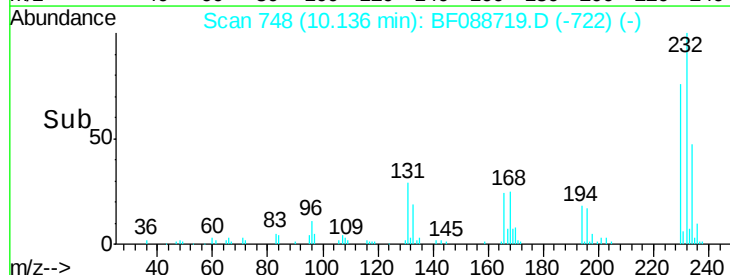
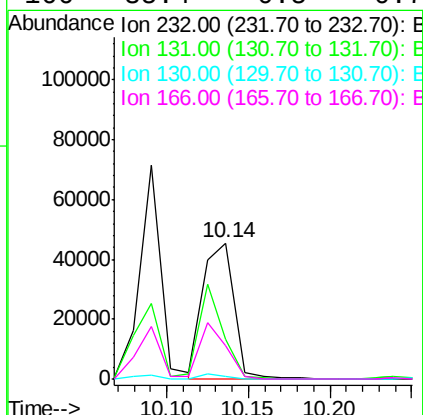
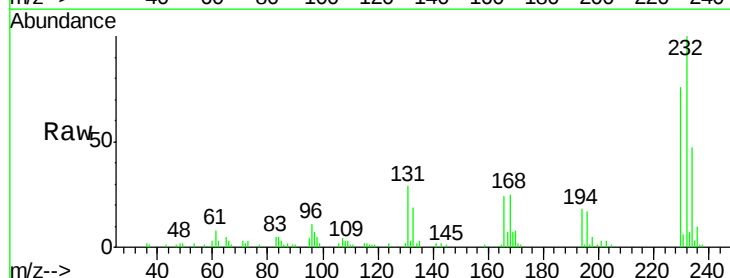
Ion Ratio Lower Upper

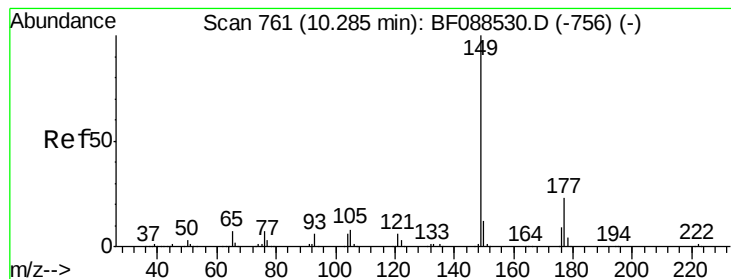
232 100

131 53.8 0.9 1.3#

130 2.8 1.5 2.3#

166 35.4 0.5 0.7#





#59

Diethylphthalate

Concen: 23.36 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tot Ion:149 Resp: 314656

Ion Ratio Lower Upper

149 100

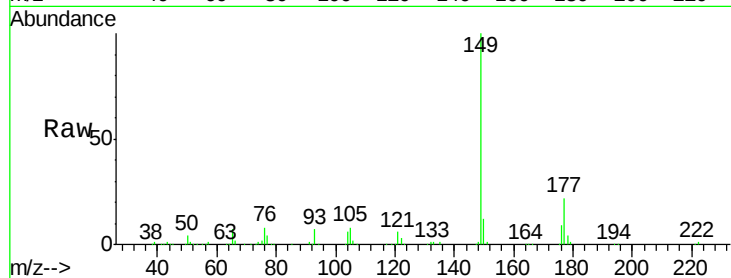
177 22.3 16.9 25.3

150 12.0 10.1 15.1

Manual Integrations

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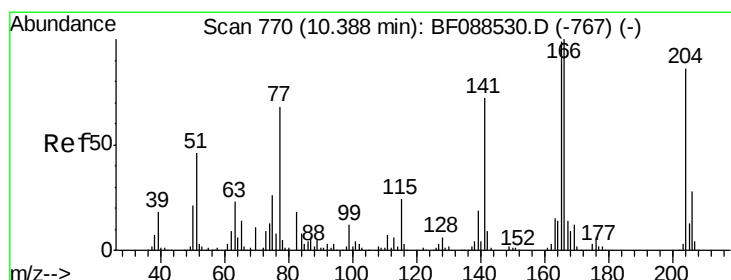
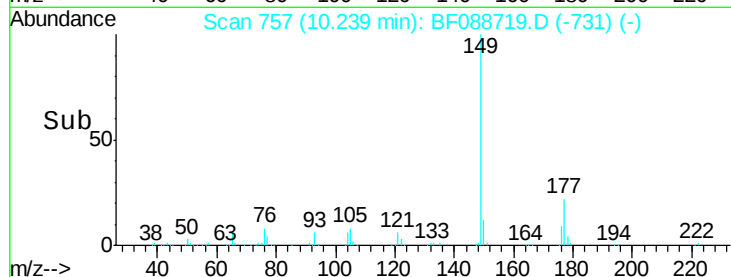
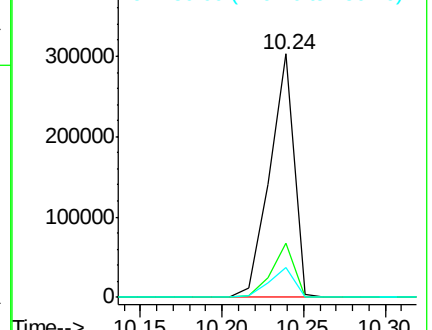
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 22.83 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

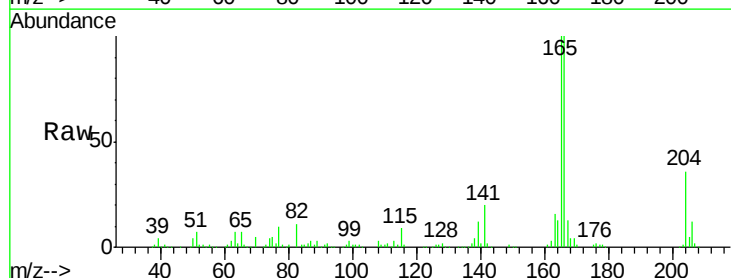
Tgt Ion:204 Resp: 127816

Ion Ratio Lower Upper

204 100

206 32.2 26.3 39.5

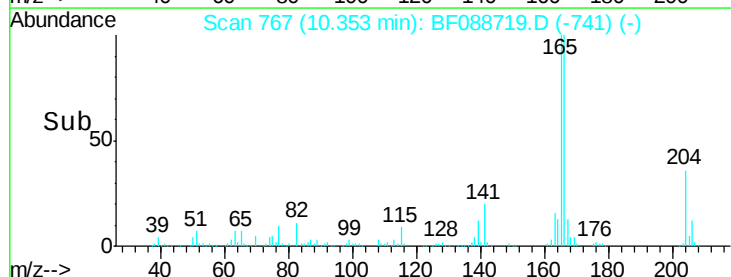
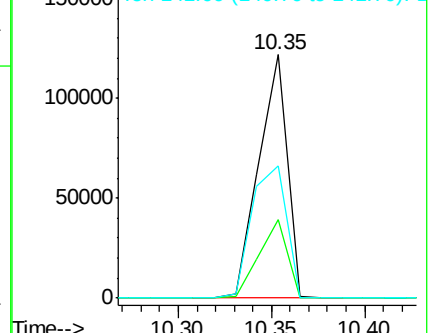
141 54.5 55.0 82.6#

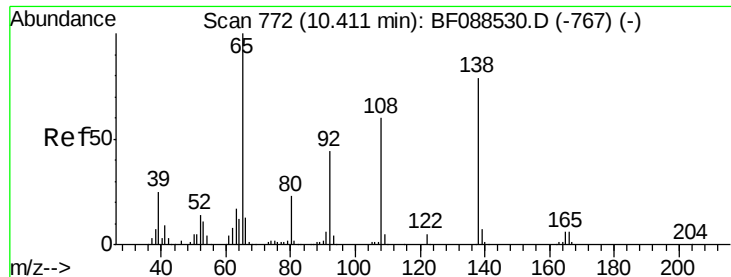


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 17.29 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tot Ion:138 Resp: 62901

Ion Ratio Lower Upper

138 100

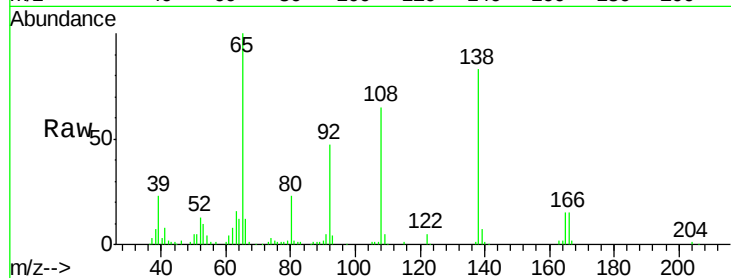
92 56.5 27.3 67.3

108 78.3 46.7 86.7

Manual Integrations

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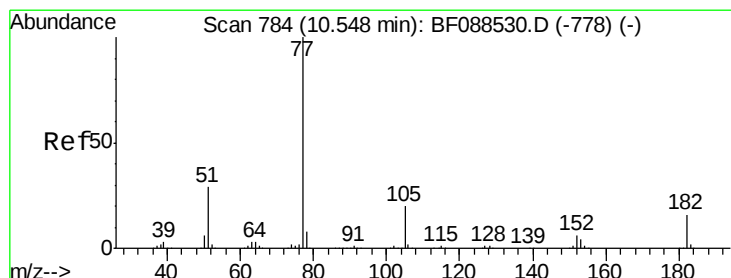
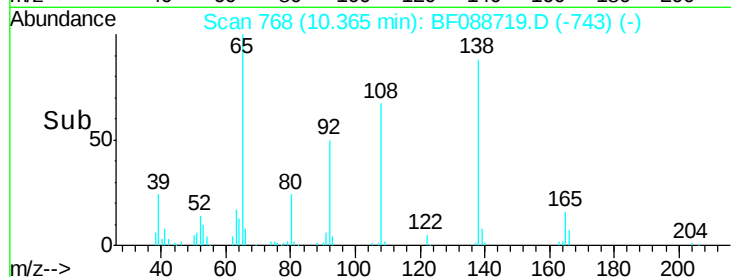
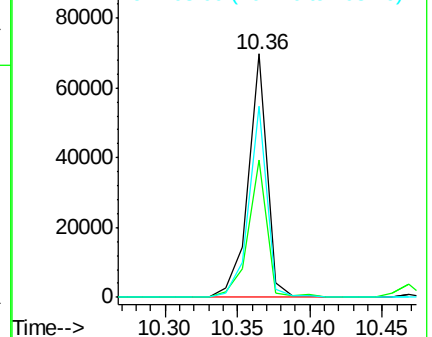
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 22.36 ng

RT: 10.50 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Tgt Ion: 77 Resp: 343519

Ion Ratio Lower Upper

77 100

182 14.7 4.4 44.4

105 20.1 3.8 43.8

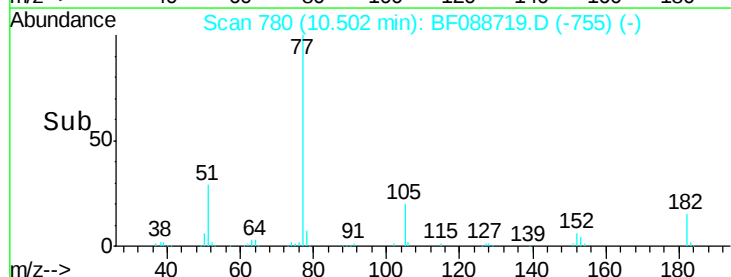
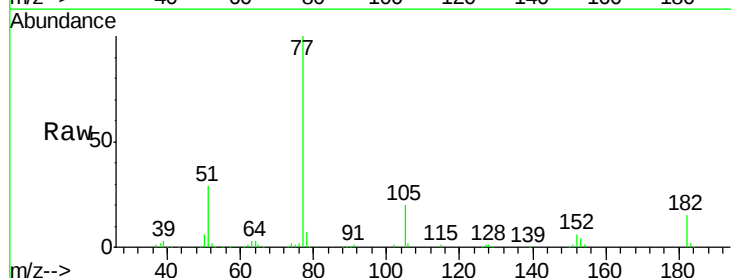
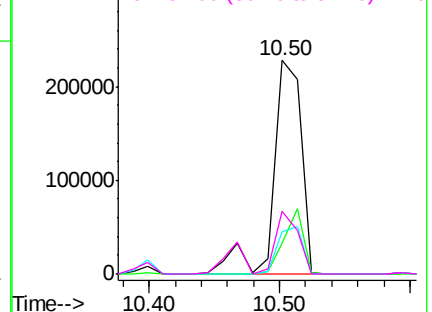
51 29.1 9.3 49.3

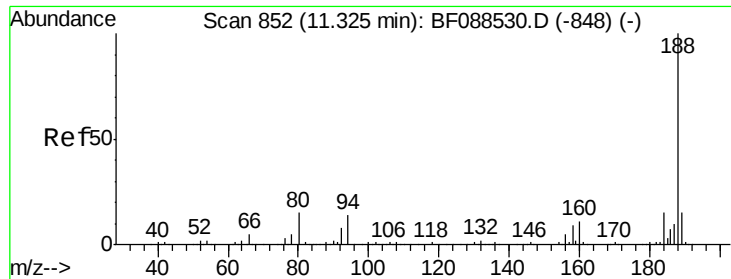
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





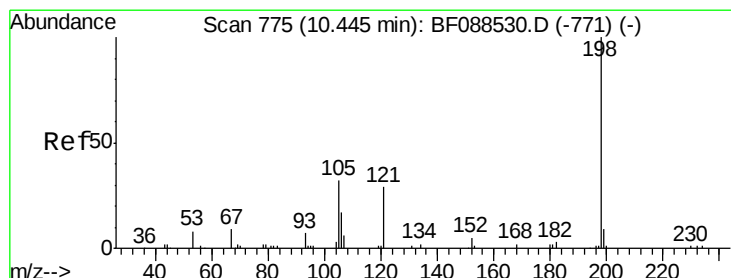
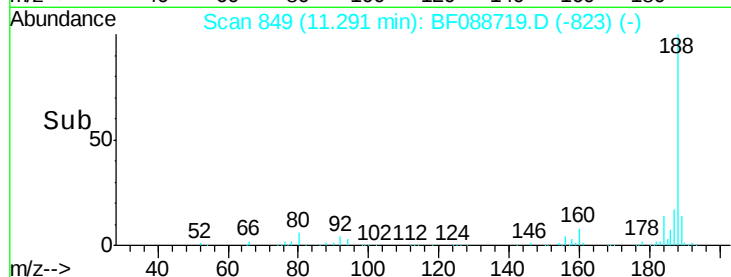
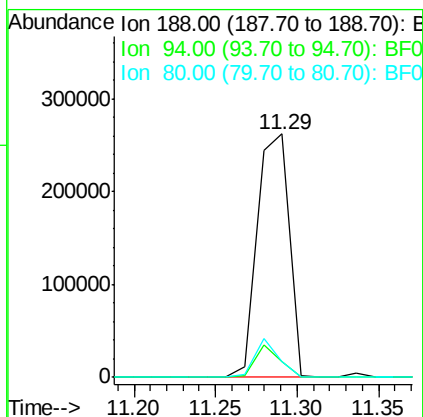
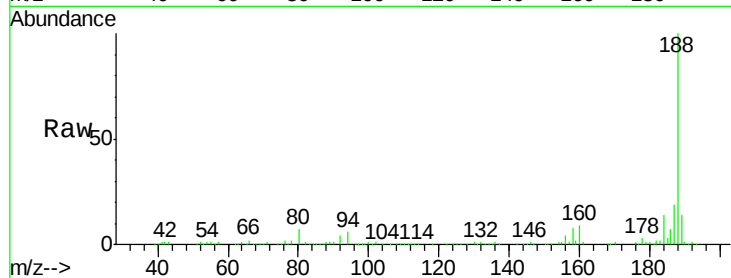
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	358599		
94	6.4		9.0	13.6#
80	6.7		10.0	15.0#

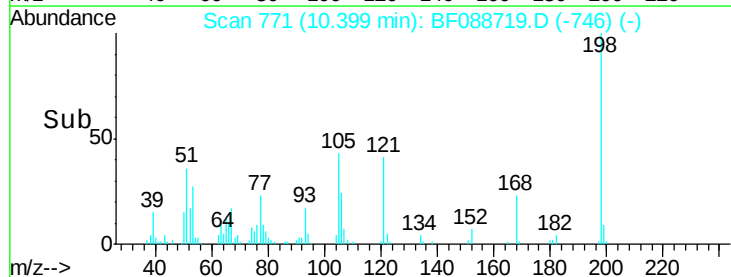
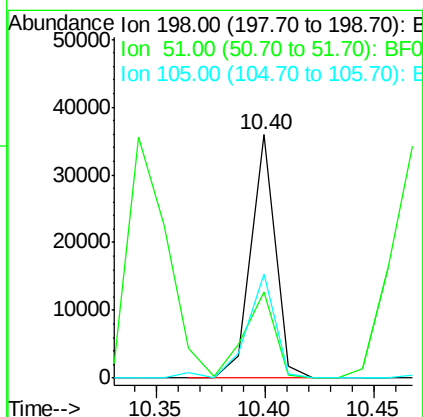
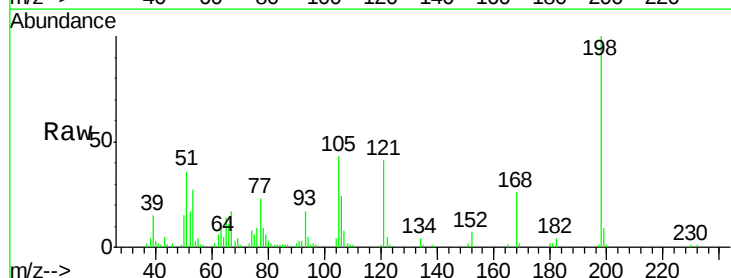
Manual Integrations

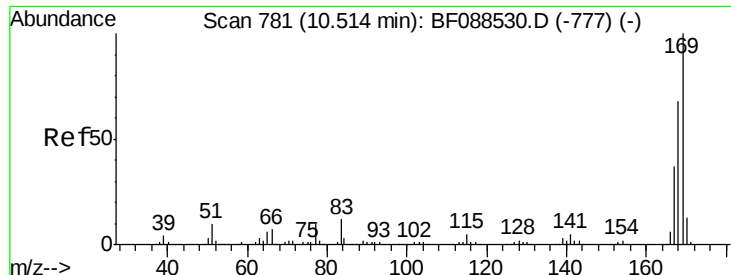
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#64
4,6-Dinitro-2-methylphenol
Concen: 14.66 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	28122		
51	35.6		39.6	79.6#
105	42.7		36.6	76.6





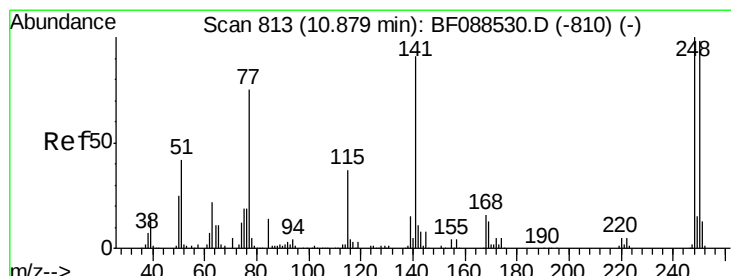
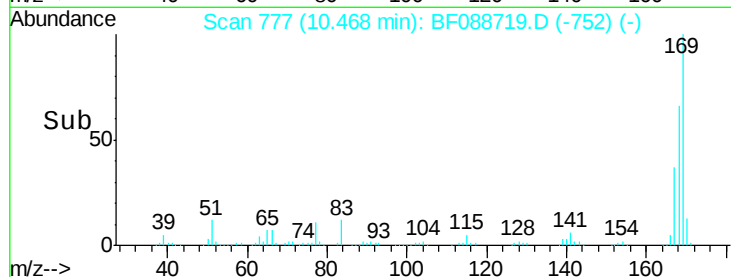
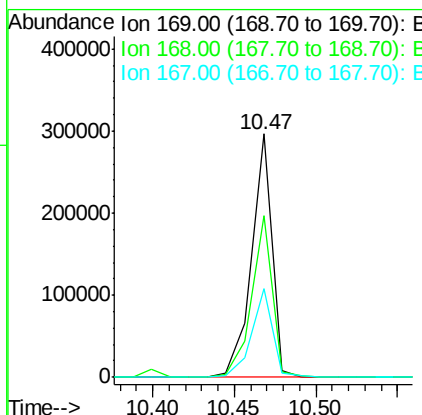
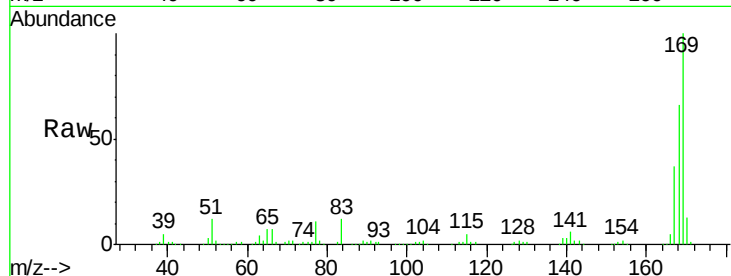
#65
 n-Nitrosodiphenylamine
 Concen: 21.29 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		258433		
168	66.4	53.4		80.0	
167	36.5	29.4		44.0	

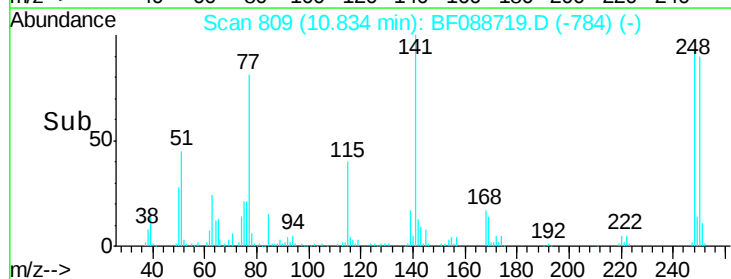
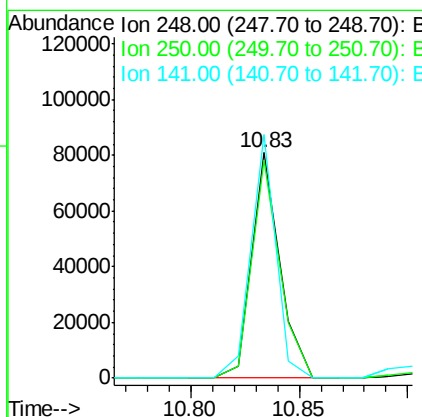
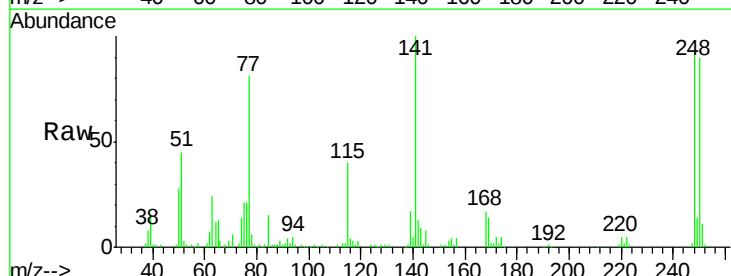
Manual Integrations

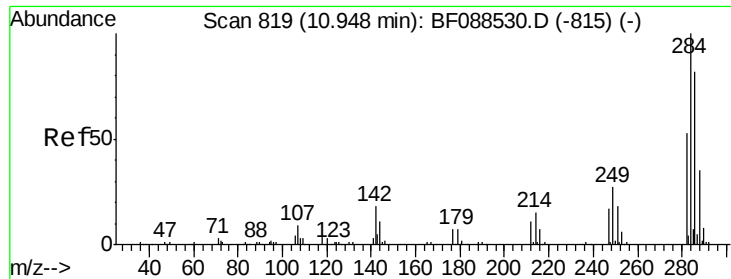
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#66
 4-Bromophenyl-phenylether
 Concen: 20.06 ng
 RT: 10.83 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		72475		
250	96.9	77.1		115.7	
141	108.0	50.6		76.0	





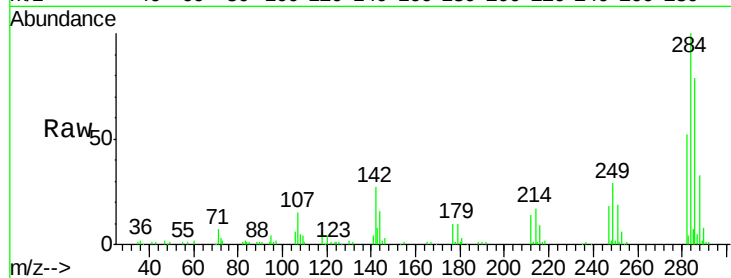
#67
Hexachlorobenzene
Concen: 21.90 ng
RT: 10.90 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

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

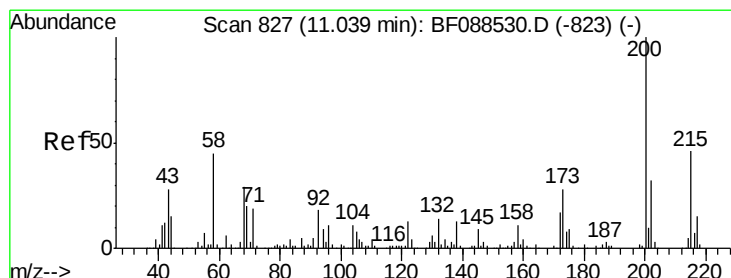
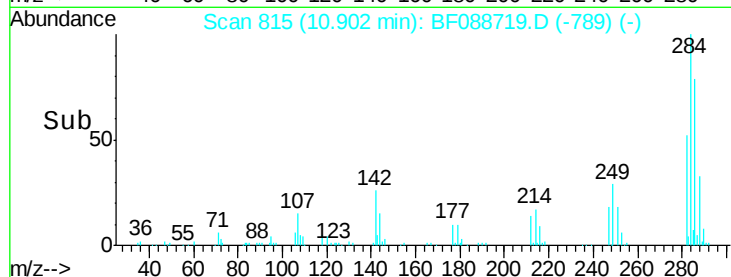
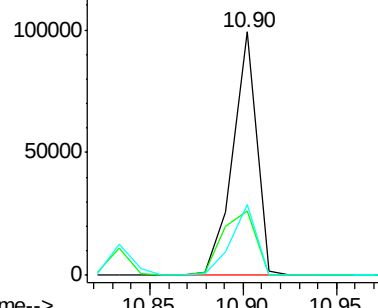
Tot Ion	Ratio	Lower	Upper
284	100		
142	26.5	35.8	53.8#
249	29.3	25.8	38.6

Manual Integrations

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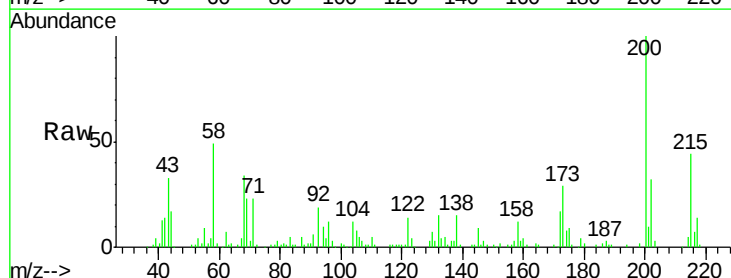


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

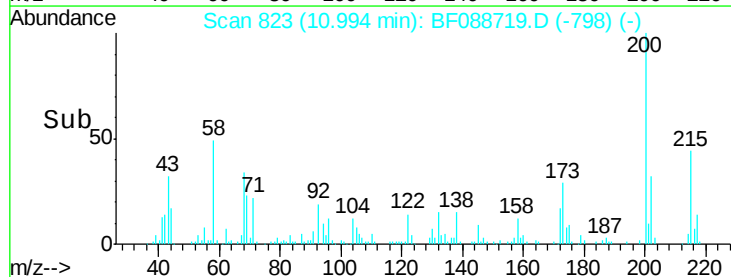
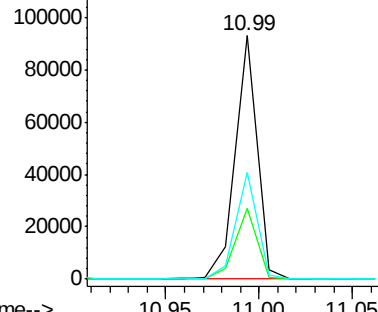


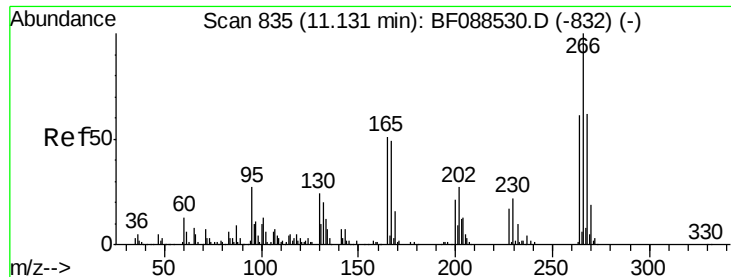
#68
Atrazine
Concen: 19.93 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.9	4.0	44.0
215	43.8	29.3	69.3



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





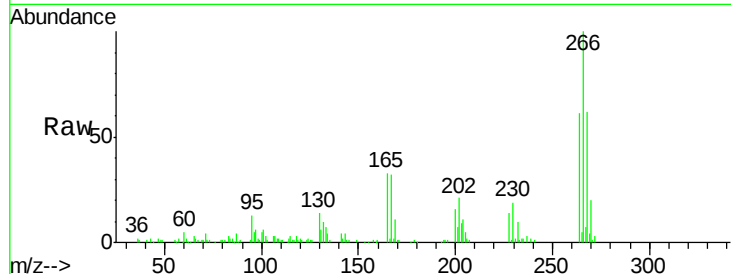
#69
 Pentachlorophenol
 Concen: 43.43 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

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

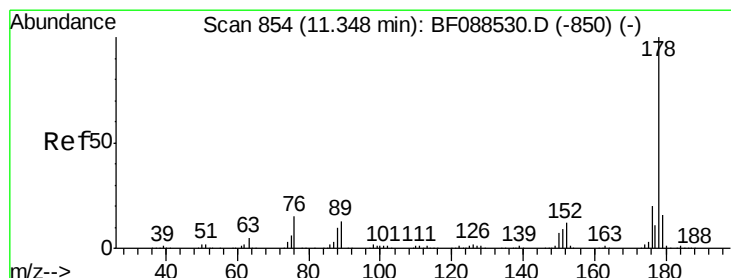
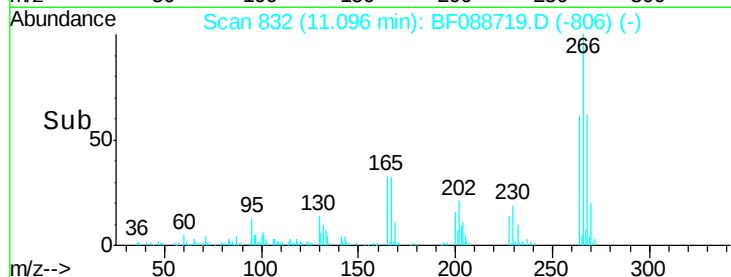
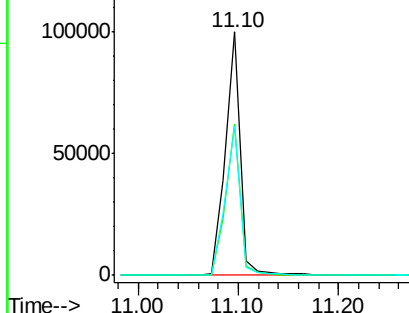
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	52.8	79.2
264	61.3	49.6	74.4

Manual Integrations

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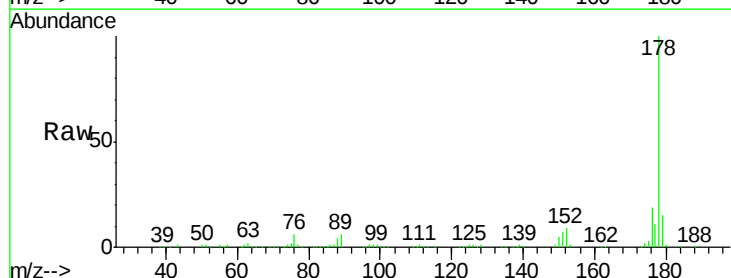


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

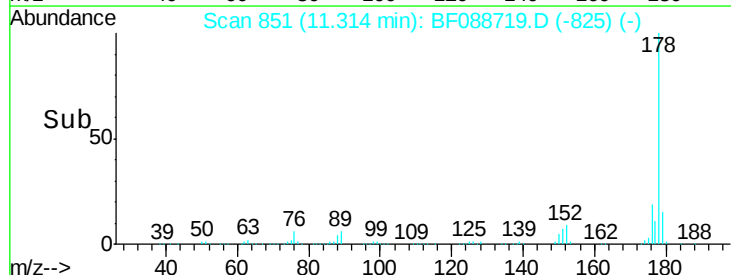
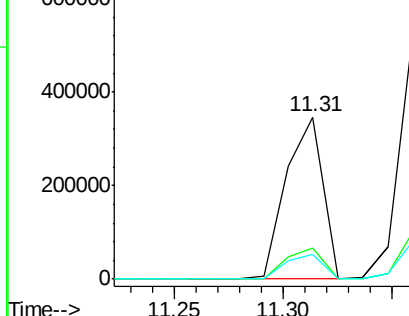


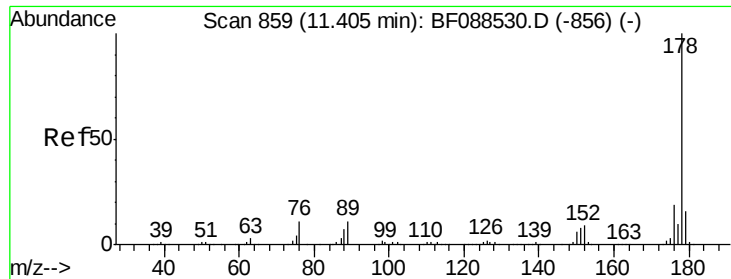
#70
 Phenanthrene
 Concen: 20.95 ng
 RT: 11.31 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	14.9	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





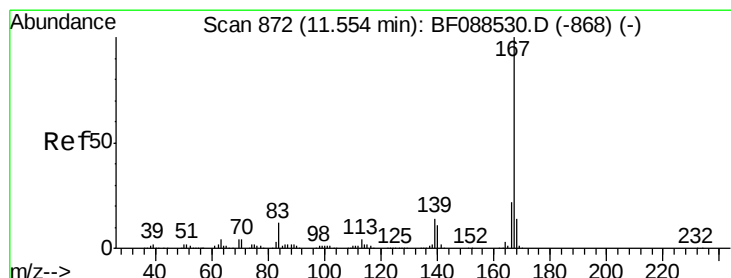
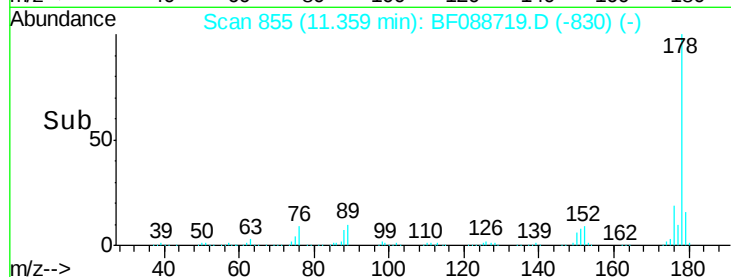
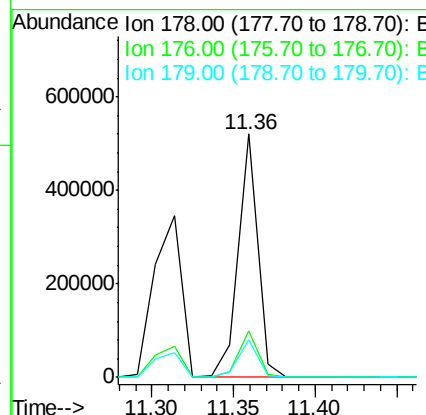
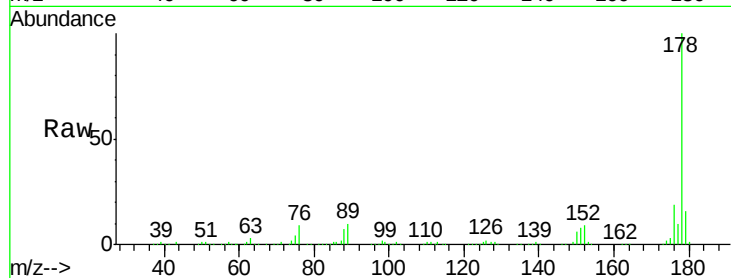
#71
 Anthracene
 Concen: 21.88 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

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

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.9	15.6	23.4	
179	15.6	12.8	19.2	

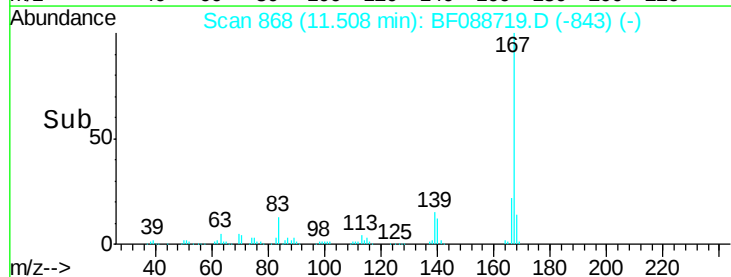
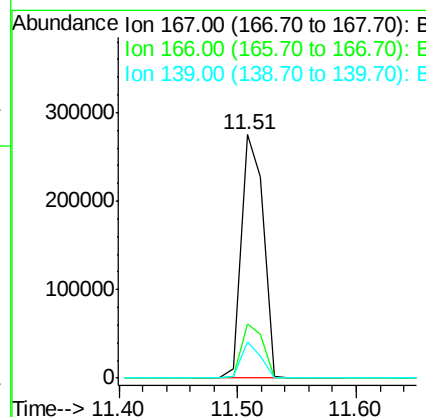
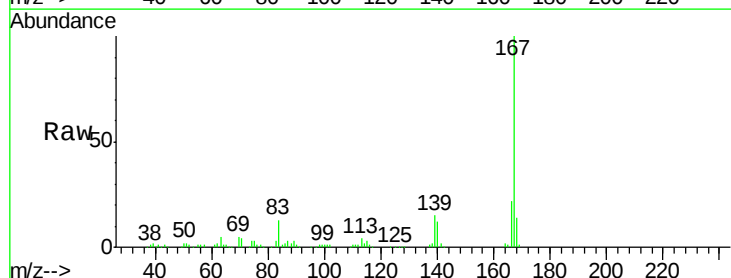
Manual Integrations

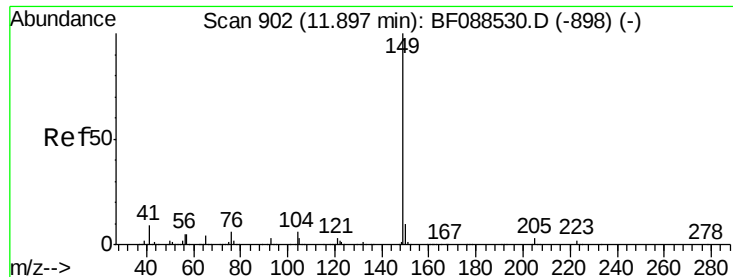
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#72
 Carbazole
 Concen: 19.36 ng
 RT: 11.51 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.3	17.8	26.6	
139	14.7	11.2	16.8	





#73

Di-n-butylphthalate

Concen: 21.11 ng

RT: 11.85 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

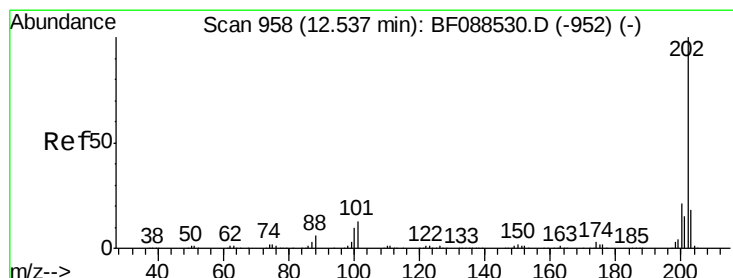
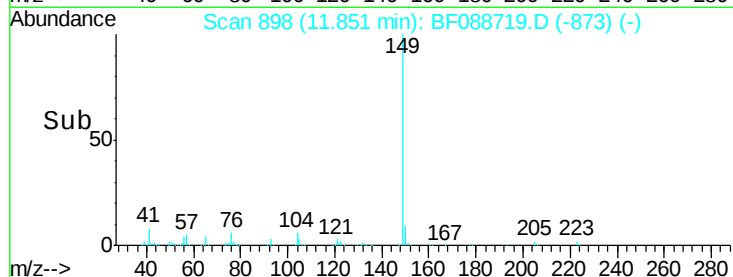
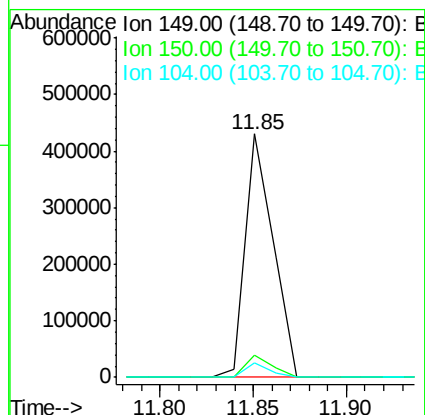
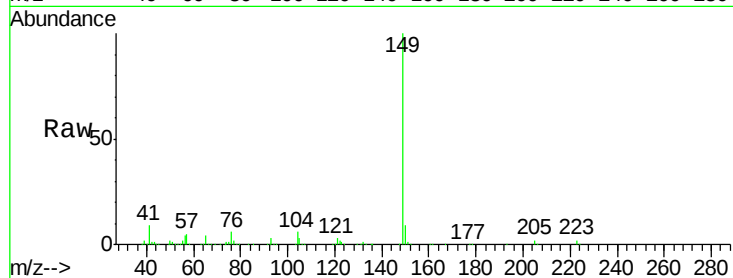
K8-B2(0-11)CMSD

Tot Ion:	149	Resp:	450383
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	5.9	4.0	6.0

Manual Integrations

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#74

Fluoranthene

Concen: 21.53 ng

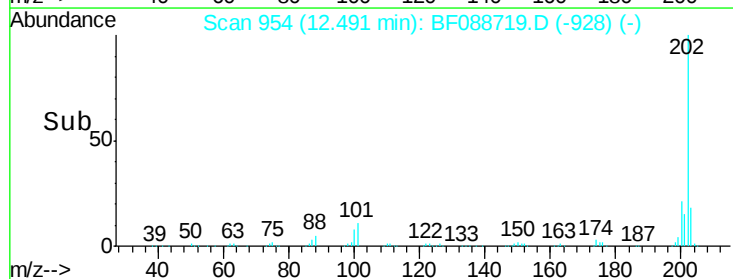
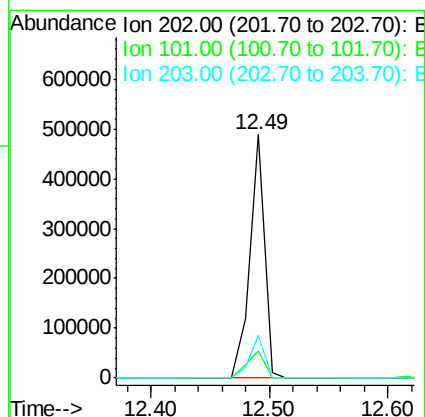
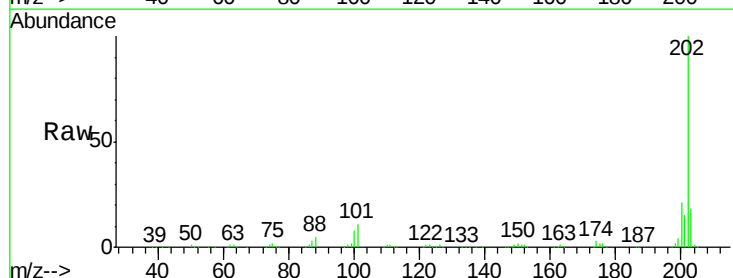
RT: 12.49 min Scan# 954

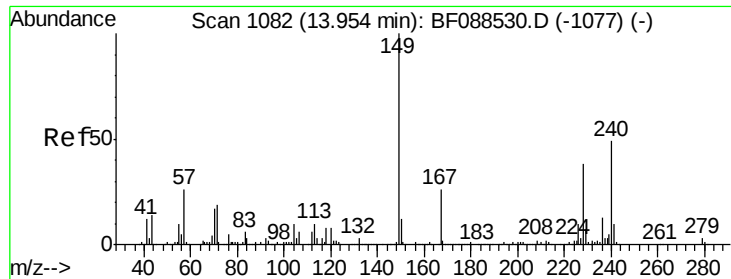
Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Tgt Ion:	202	Resp:	427842
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	33.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tot Ion:240 Resp: 254828

Ion Ratio Lower Upper

240 100

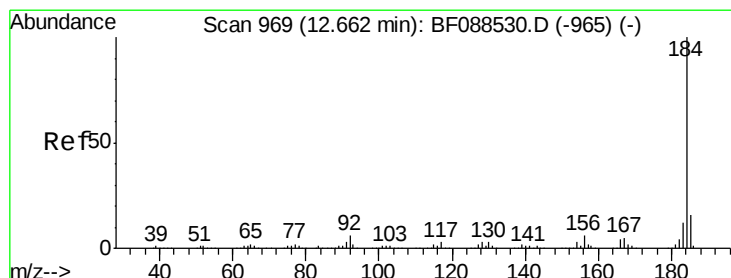
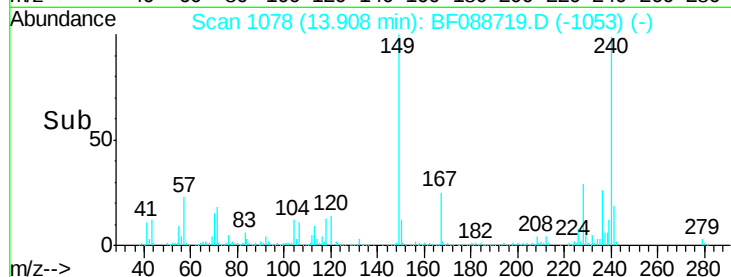
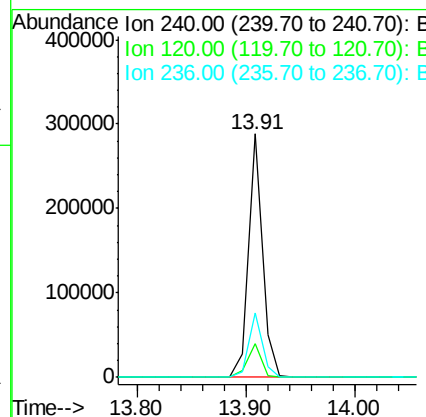
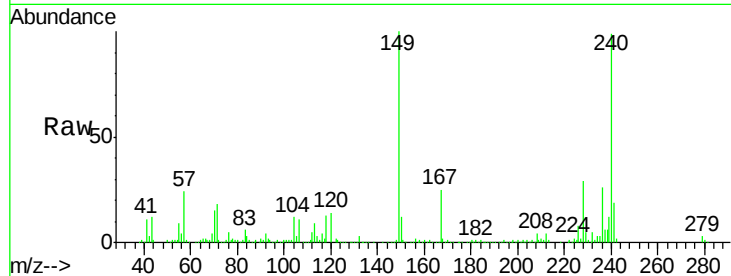
120 14.0 6.8 10.2#

236 26.5 20.2 30.2

Manual Integrations

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#76

Benzidine

Concen: 22.76 ng

RT: 12.62 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

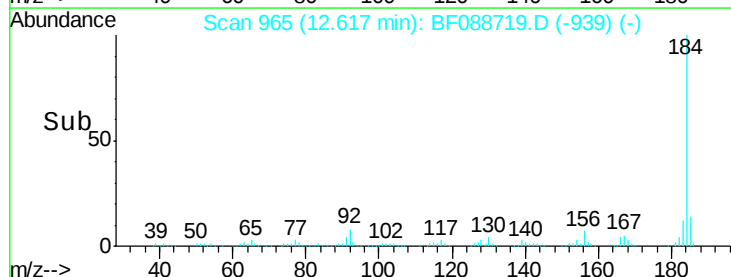
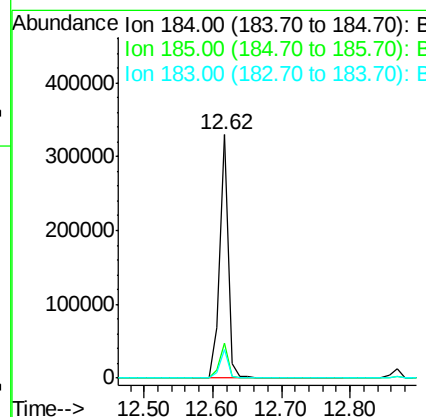
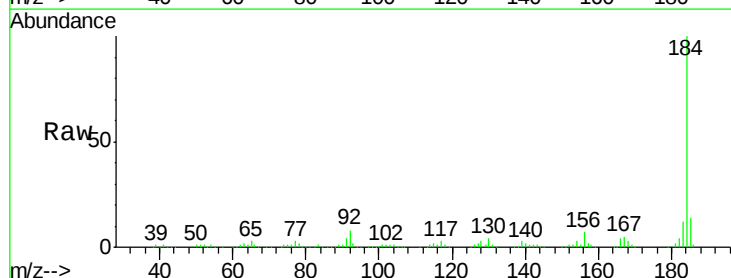
Tgt Ion:184 Resp: 293213

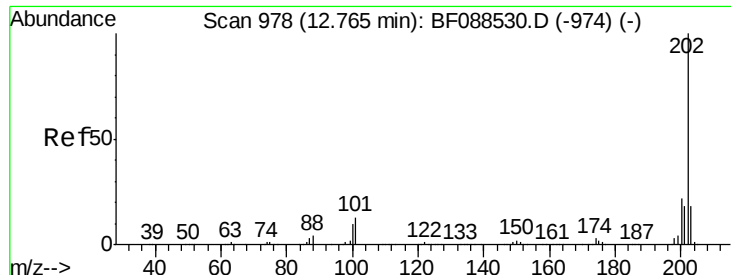
Ion Ratio Lower Upper

184 100

185 14.3 12.5 18.7

183 11.8 9.3 13.9





#77

Pvrene

Concen: 19.61 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

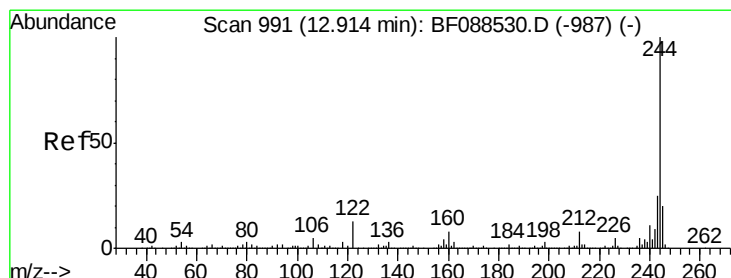
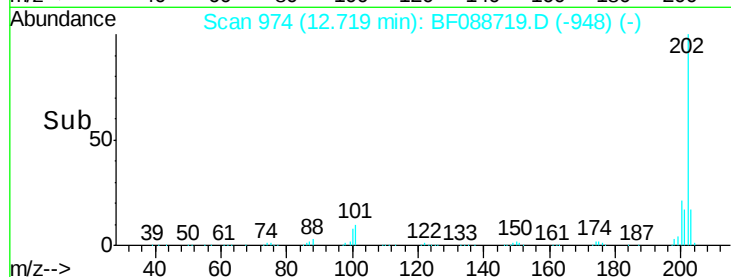
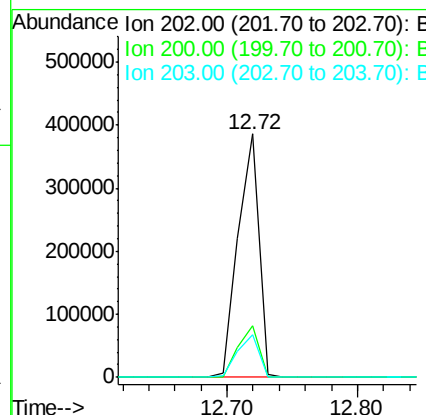
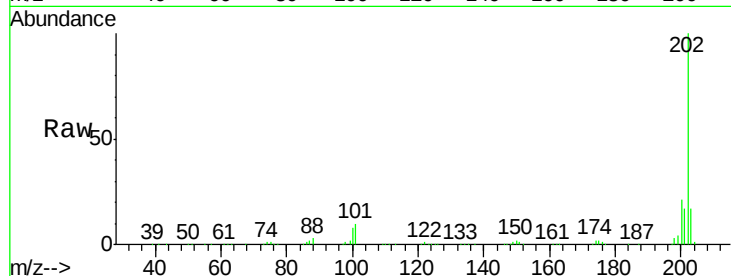
K8-B2(0-11)CMSD

Tot Ion:	202	Resp:	423765
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	17.3	14.5	21.7

Manual Integrations

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#78

Terphenyl-d14

Concen: 61.46 ng

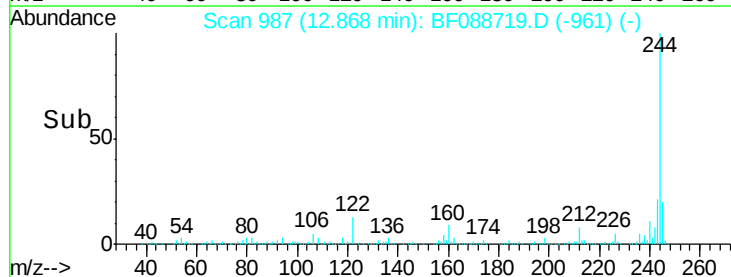
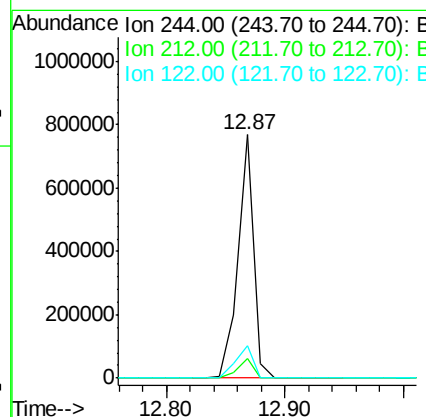
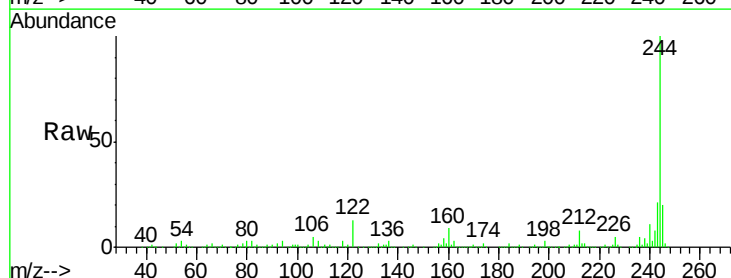
RT: 12.87 min Scan# 987

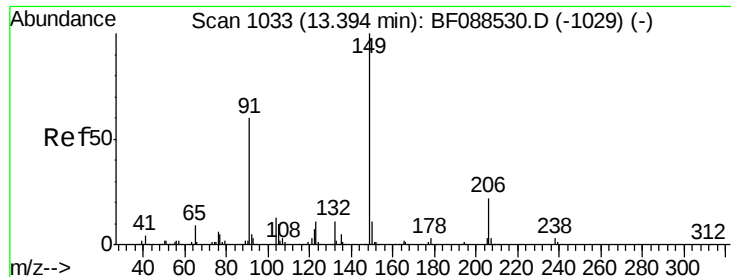
Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Tgt Ion:	244	Resp:	703137
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.0	9.0
122	13.4	11.2	16.8





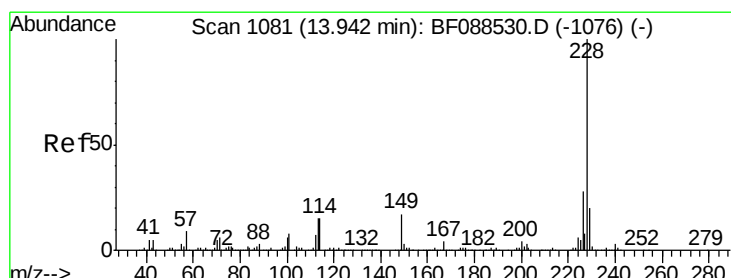
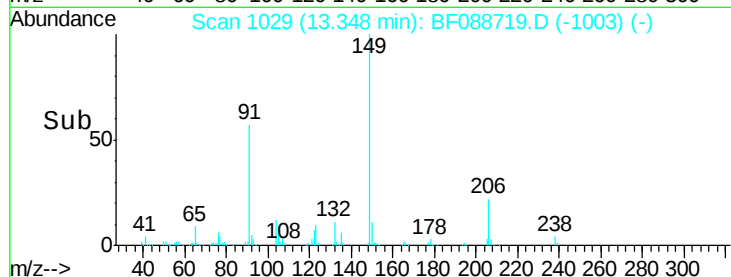
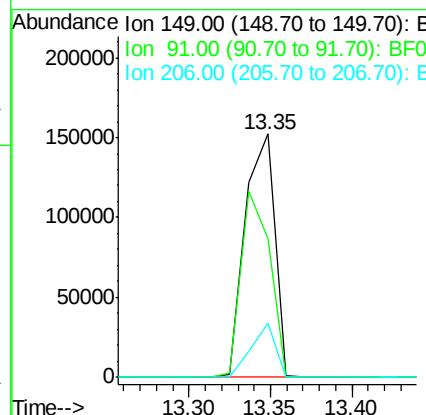
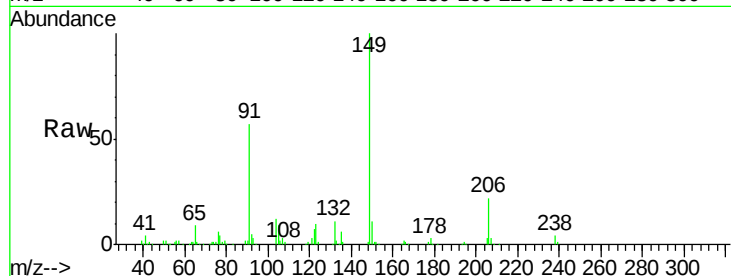
#79
Butylbenzylphthalate
Concen: 19.72 ng
RT: 13.35 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		190015		
91	56.8		48.0	72.0	
206	22.3		16.0	24.0	

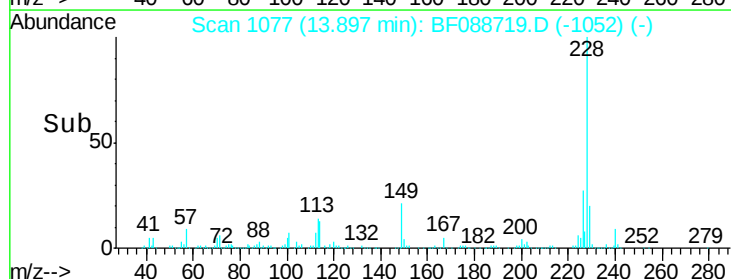
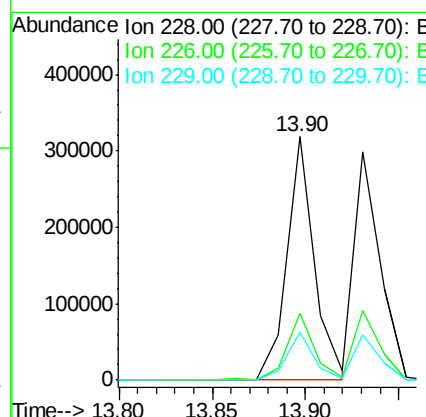
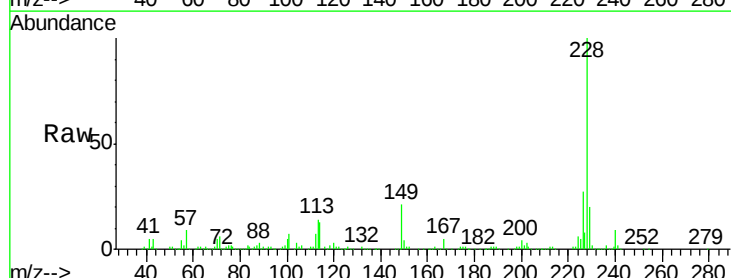
Manual Integrations

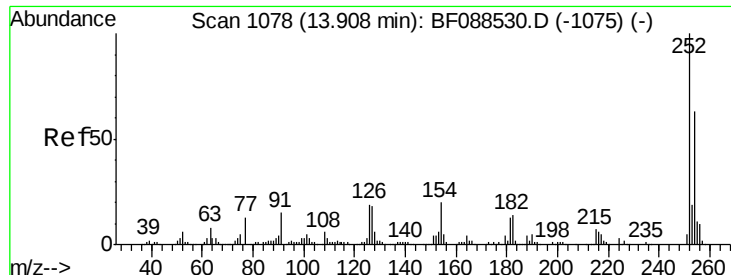
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#80
Benzo(a)anthracene
Concen: 19.90 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		326550		
226	27.4		22.3	33.5	
229	19.7		16.0	24.0	





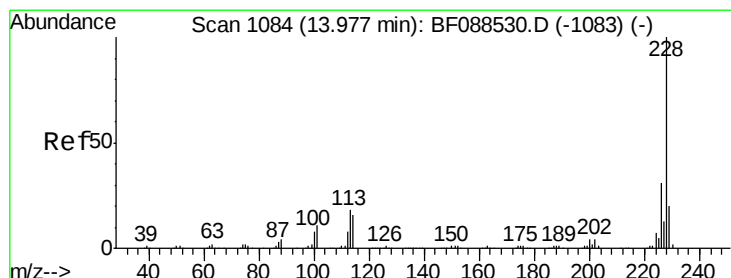
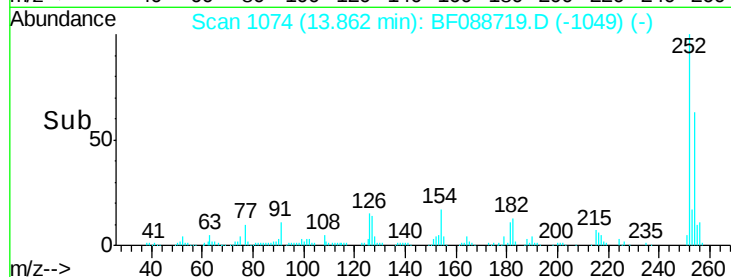
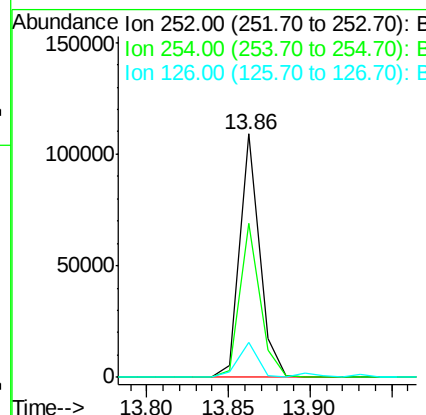
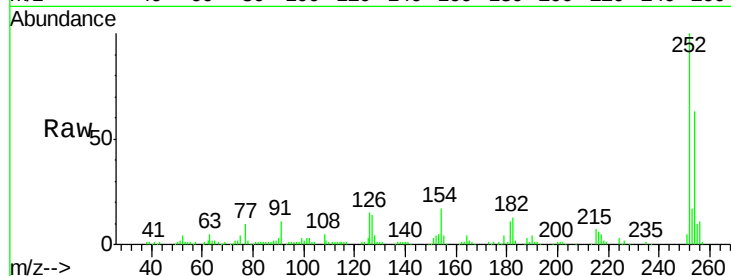
#81
 3,3'-Dichlorobenzidine
 Concen: 14.81 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.6	78.8
126	14.5	6.2	9.2

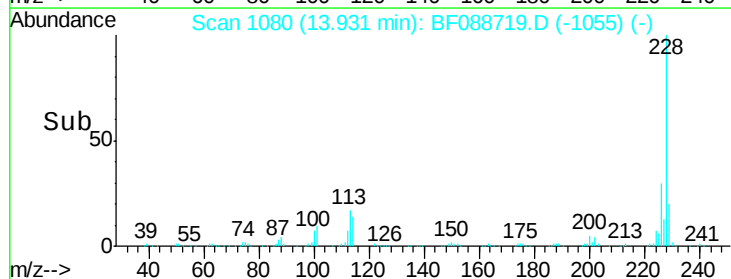
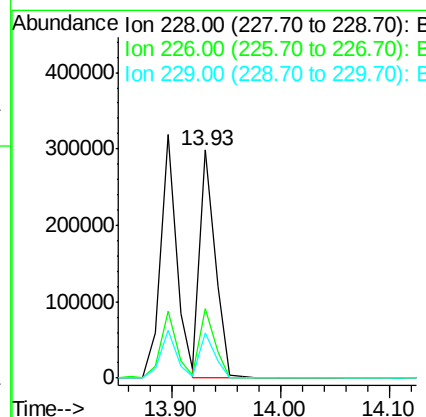
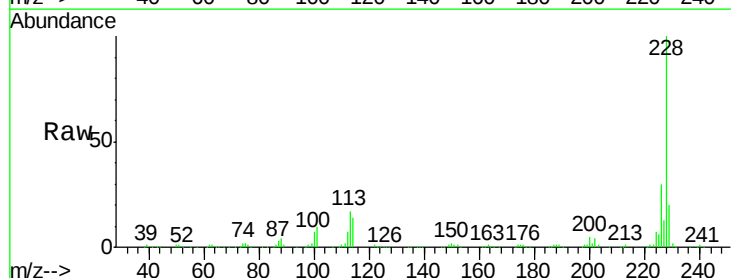
Manual Integrations

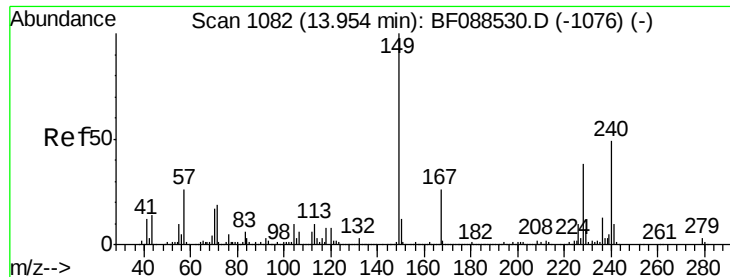
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#82
 Chrysene
 Concen: 17.98 ng
 RT: 13.93 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.2
229	19.9	16.3	24.5





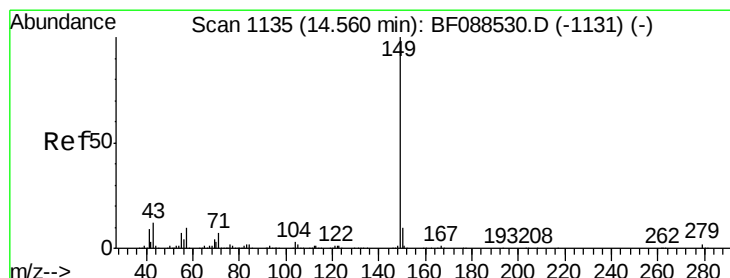
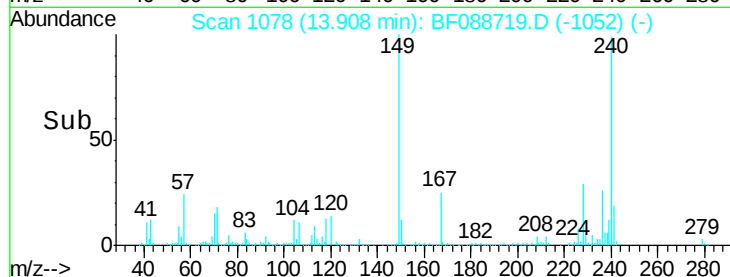
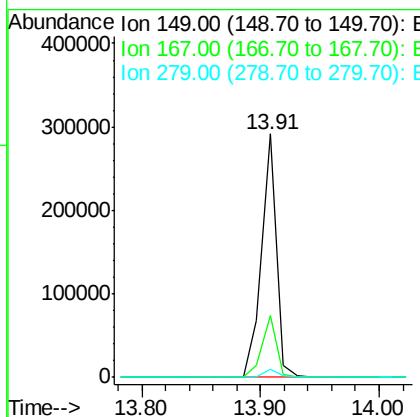
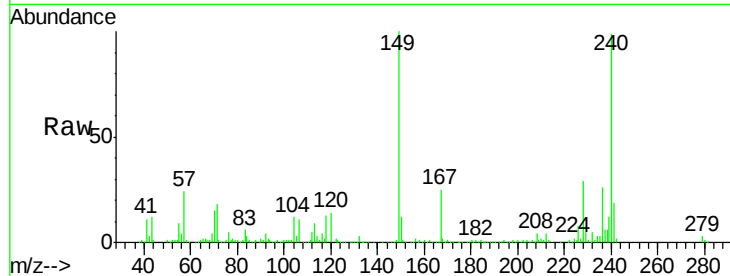
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 23.51 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.5	30.7
279	3.1	2.0	3.0

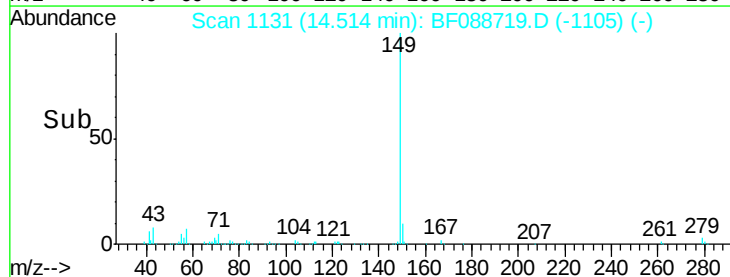
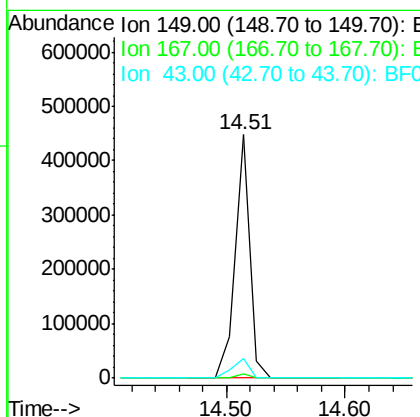
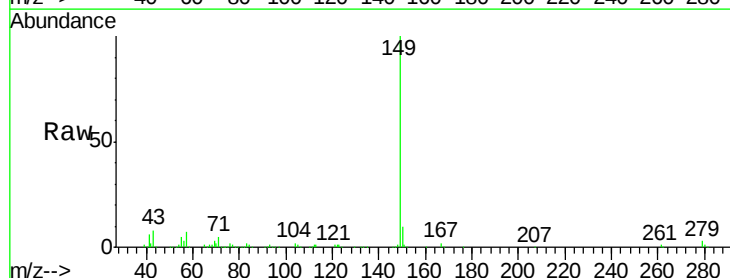
Manual Integrations

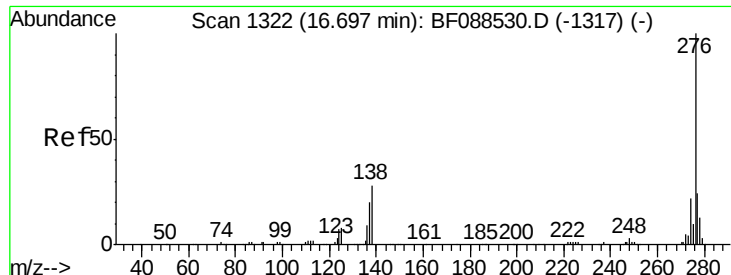
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#84
 Di-n-octyl phthalate
 Concen: 20.59 ng
 RT: 14.51 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0
43	9.2	0.0	0.0





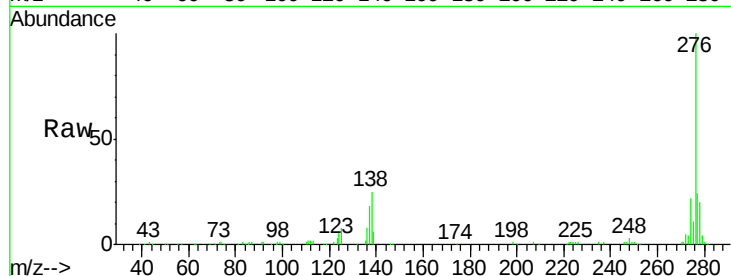
#85
Indeno(1,2,3-cd)pyrene
Concen: 19.34 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

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

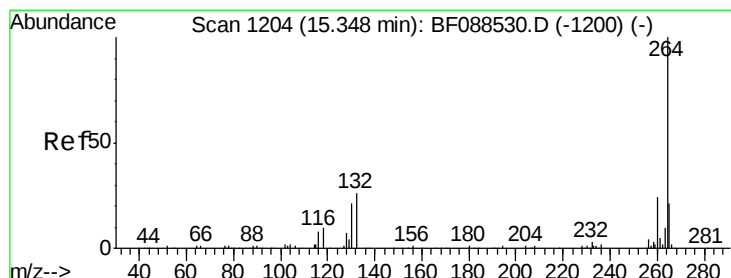
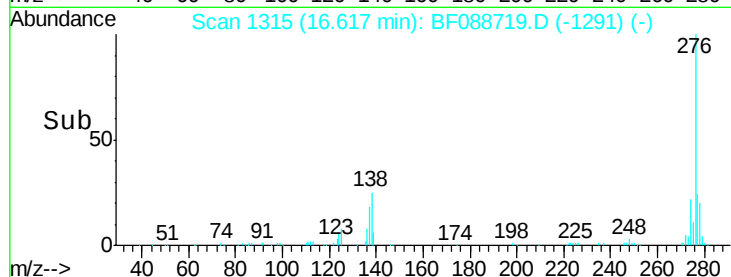
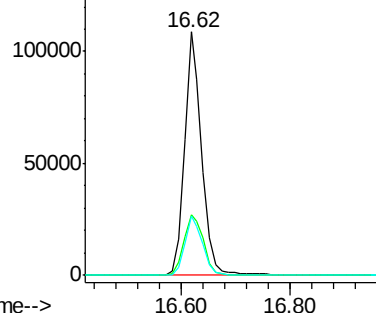
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	0.0	0.0#
277	25.2	0.0	0.0#

Manual Integrations

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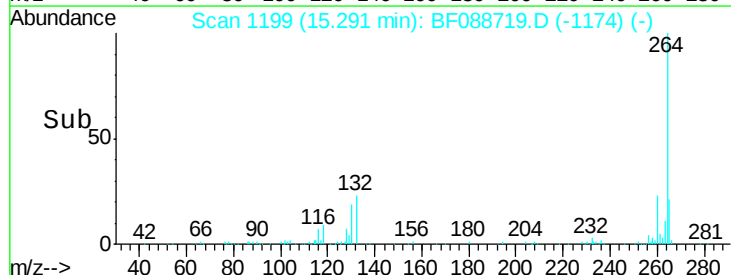
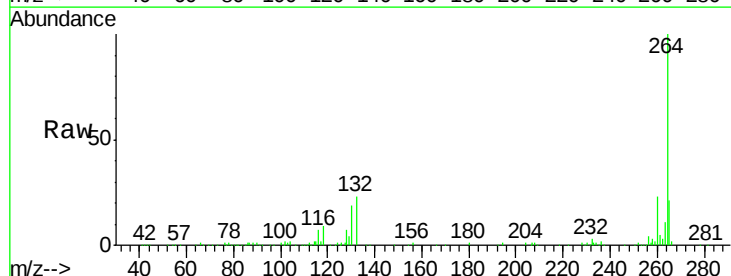
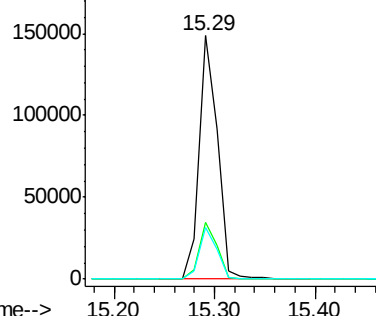
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

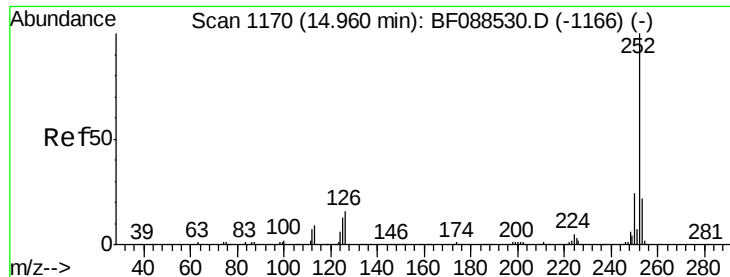


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	16.9	25.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 19.77 ng m

RT: 14.90 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tot Ion:252 Resp: 233042

Ion Ratio Lower Upper

252 100

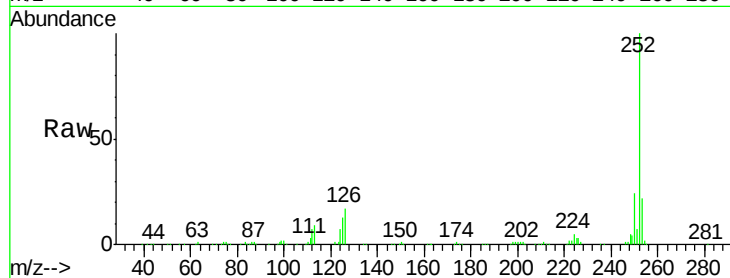
253 21.7 17.4 26.2

125 12.9 7.1 10.7#

Manual Integrations

sohil

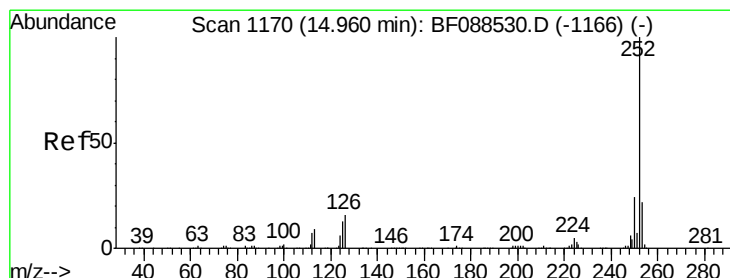
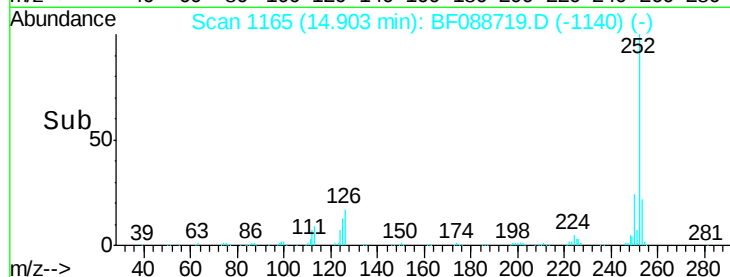
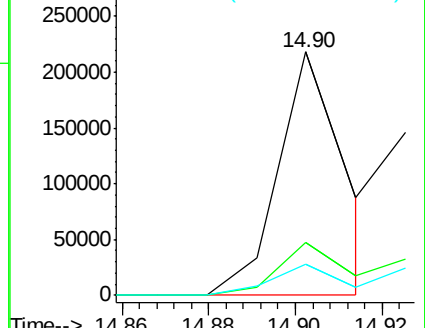
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 23.15 ng m

RT: 14.94 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Tgt Ion:252 Resp: 237565

Ion Ratio Lower Upper

252 100

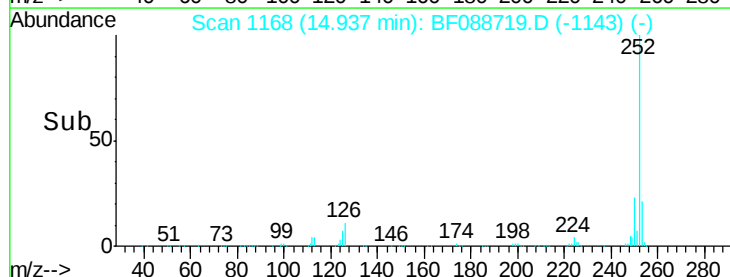
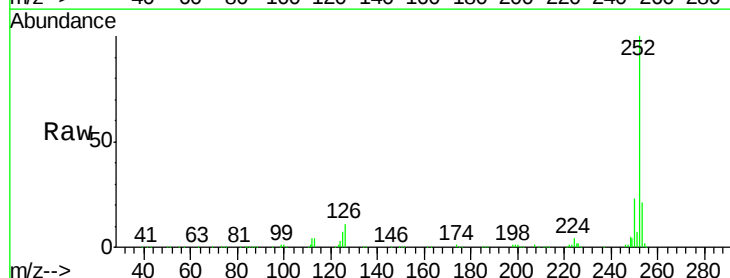
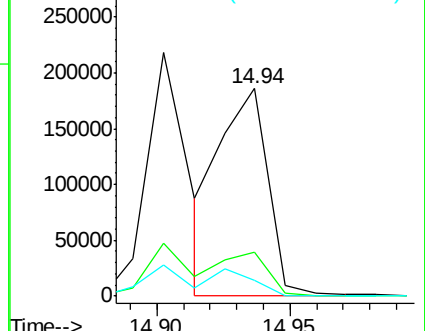
253 21.2 18.0 27.0

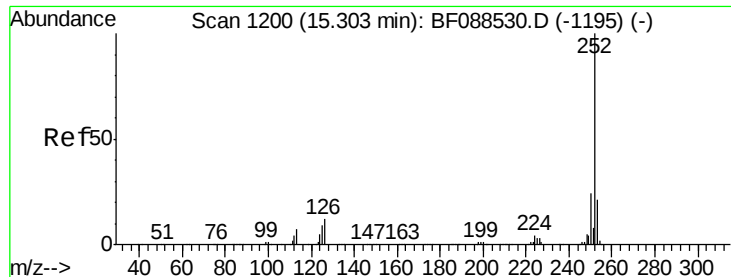
125 7.3 11.2 16.8#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 21.16 ng

RT: 15.23 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

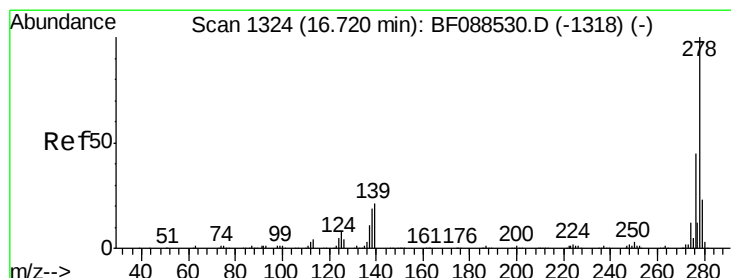
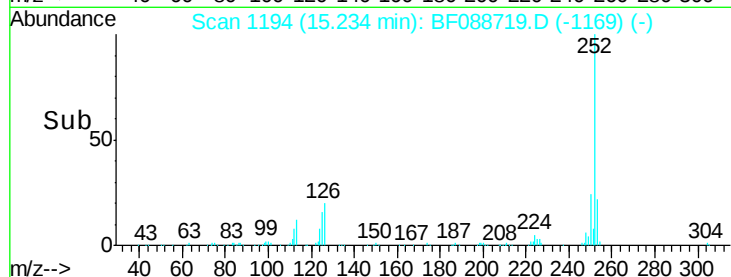
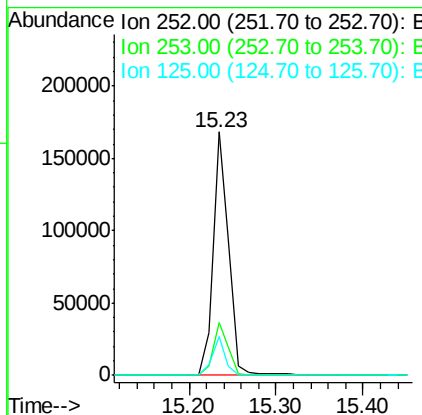
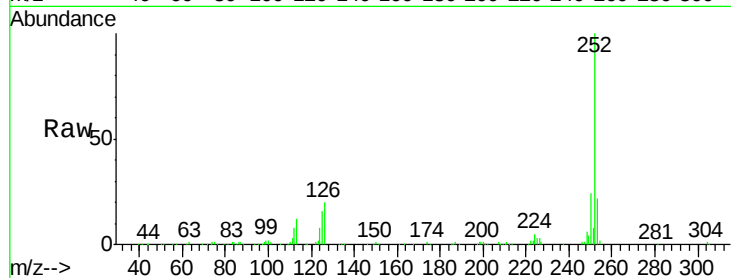
K8-B2(0-11)CMSD

Tot Ion:	252	Resp:	211238
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	15.7	12.5	18.7

Manual Integrations

sohil

7/6/2016 7:20:20 PM



#90

Dibenzo(a,h)anthracene

Concen: 24.08 ng

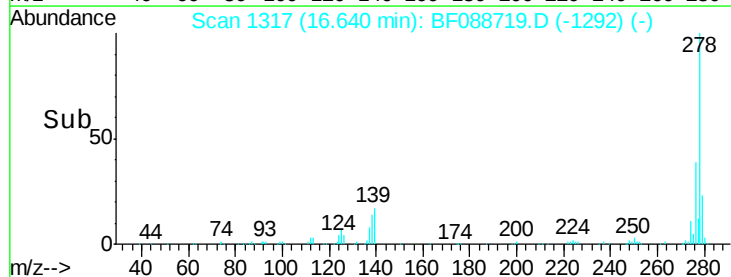
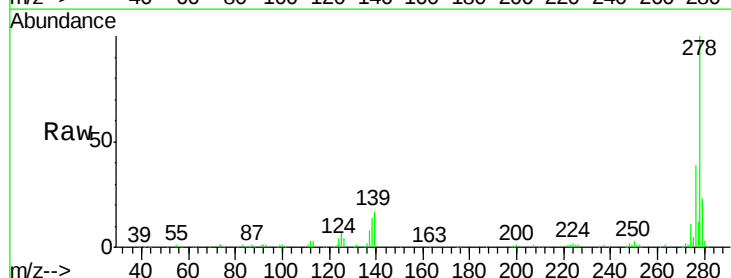
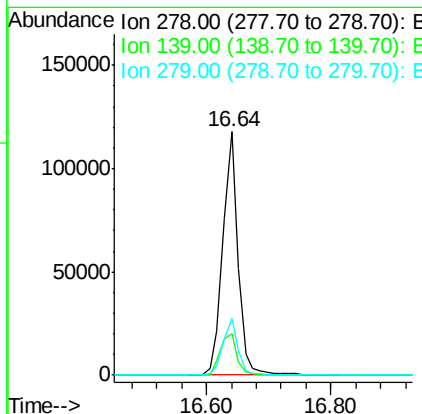
RT: 16.64 min Scan# 1317

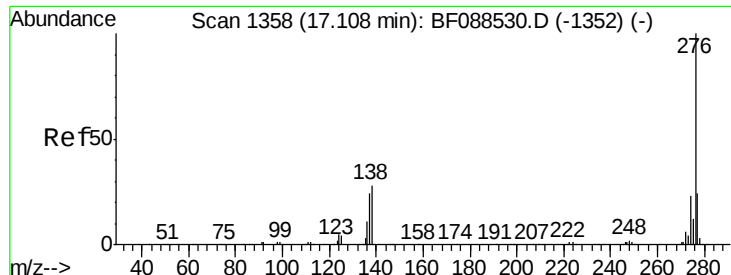
Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Tgt Ion:	278	Resp:	200660
Ion Ratio	Lower	Upper	
278	100		
139	16.9	15.7	23.5
279	23.3	19.4	29.2





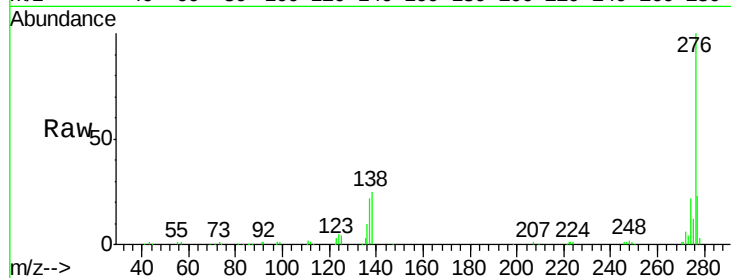
#91
 Benzo(a,h,i)perylene
 Concen: 23.88 ng
 RT: 17.02 min Scan# 1350
 Delta R.T. -0.02 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

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

Tot Ion:	276	Resp:	205981
Ion Ratio	Lower	Upper	
276	100		
277	22.8	18.9	28.3
138	25.2	21.4	32.2

Manual Integrations

sohil
 7/6/2016 7:20:20 PM



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

