

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083731.D
 Acq On : 13 Dec 2015 16:09
 Operator : UM/IZ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:23:36 PM

Quant Time: Dec 14 01:22:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 00:56:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	134299	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	509720	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	255838	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	447542	20.00	ng	0.00
75) Chrysene-d12	14.07	240	309434	20.00	ng	0.00
86) Perylene-d12	15.49	264	250459	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	909079	105.42	ng	0.00
7) Phenol-d6	6.56	99	1183711	109.31	ng	0.01
23) Nitrobenzene-d5	7.48	82	1036771	134.42	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	298213	122.42	ng	0.01
44) 2-Fluorobiphenyl	9.29	172	1833464	104.67	ng	0.01
78) Terphenyl-d14	13.03	244	1552396	112.48	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	223420	52.45	ng	98
3) Pyridine	3.29	79	594067	53.92	ng	97
4) n-Nitrosodimethylamine	3.24	42	220461	49.75	ng	98
6) Aniline	6.58	93	792551	53.64	ng	97
8) 2-Chlorophenol	6.70	128	508294	52.39	ng	92
9) Benzaldehyde	6.46	77	271591	45.63	ng	96
10) Phenol	6.57	94	703974	55.37	ng	92
11) bis(2-Chloroethyl)ether	6.66	93	525334	58.43	ng	91
12) 1,3-Dichlorobenzene	6.86	146	581203	54.64	ng	97
13) 1,4-Dichlorobenzene	6.93	146	562032	53.24	ng	99
14) 1,2-Dichlorobenzene	7.09	146	500161	50.57	ng	97
15) Benzyl Alcohol	7.06	79	397484	51.03	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	637238	50.76	ng	100
17) 2-Methylphenol	7.17	107	424462	54.49	ng	97
18) Hexachloroethane	7.44	117	202657	56.01	ng	98
19) n-Nitroso-di-n-propylamine	7.34	70	357737	57.52	ng	96
20) 3+4-Methylphenols	7.33	107	512050	54.51	ng	# 79
22) Acetophenone	7.33	105	638471	51.42	ng	# 84
24) Nitrobenzene	7.50	77	560149	65.98	ng	92
25) Isophorone	7.74	82	1005473	58.67	ng	96
26) 2-Nitrophenol	7.82	139	288809	80.02	ng	# 73
27) 2,4-Dimethylphenol	7.86	122	499645	58.62	ng	93
28) bis(2-Chloroethoxy)methane	7.95	93	556002	57.90	ng	98
29) 2,4-Dichlorophenol	8.06	162	435417	62.55	ng	90
30) 1,2,4-Trichlorobenzene	8.14	180	409964	53.51	ng	99
31) Naphthalene	8.22	128	1367363	54.11	ng	99
32) Benzoic acid	7.98	122	352717	73.35	ng	98
33) 4-Chloroaniline	8.27	127	584544	54.20	ng	97
34) Hexachlorobutadiene	8.35	225	231713	54.12	ng	100
35) Caprolactam	8.65	113	145600	64.05	ng	94
36) 4-Chloro-3-methylphenol	8.75	107	444657	56.24	ng	92
37) 2-Methylnaphthalene	8.92	142	956800	59.38	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	363013	46.45	ng	99
40) Hexachlorocyclopentadiene	9.08	237	232768	60.94	ng	100

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Quant Time: Dec 14 01:22:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	300167	55.29	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	292671	54.41	nq	# 92
45) 1,1'-Biphenyl	9.38	154	1070543	48.35	nq	99
46) 2-Chloronaphthalene	9.40	162	859027	51.62	nq	99
47) 2-Nitroaniline	9.49	65	257990	58.29	nq	91
48) Acenaphthylene	9.82	152	1515773	54.48	nq	99
49) Dimethylphthalate	9.69	163	1127121	57.83	nq	# 99
50) 2,6-Dinitrotoluene	9.74	165	256048	66.63	nq	# 60
51) Acenaphthene	10.00	154	936211	56.21	nq	96
52) 3-Nitroaniline	9.90	138	243062	53.59	nq	83
53) 2,4-Dinitrophenol	10.01	184	115639	110.60	nq	# 72
54) Dibenzofuran	10.17	168	1209037	55.08	nq	93
55) 4-Nitrophenol	10.05	139	187970	49.82	nq	# 80
56) 2,4-Dinitrotoluene	10.14	165	340817	69.24	nq	# 65
57) Fluorene	10.51	166	893016	51.88	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	227411	58.51	nq	95
59) Diethylphthalate	10.38	149	1079384	57.62	nq	96
60) 4-Chlorophenyl-phenylether	10.50	204	429316	51.37	nq	93
61) 4-Nitroaniline	10.52	138	255346	62.76	nq	94
62) Azobenzene	10.66	77	1041196	57.87	nq	88
64) 4,6-Dinitro-2-methylphenol	10.54	198	143130	86.41	nq	# 54
65) n-Nitrosodiphenylamine	10.61	169	769762	50.71	nq	99
66) 4-Bromophenyl-phenylether	10.99	248	291161	60.25	nq	# 65
67) Hexachlorobenzene	11.06	284	317241	60.40	nq	# 92
68) Atrazine	11.14	200	224107	51.02	nq	98
69) Pentachlorophenol	11.24	266	190812	64.40	nq	99
70) Phenanthrene	11.46	178	1189861	49.29	nq	99
71) Anthracene	11.52	178	1361455	53.26	nq	98
72) Carbazole	11.66	167	1272966	53.66	nq	98
73) Di-n-butylphthalate	12.00	149	1525853	59.77	nq	99
74) Fluoranthene	12.65	202	1369465	52.66	nq	96
76) Benzidine	12.76	184	559841	47.78	nq	98
77) Pyrene	12.88	202	1401993	56.90	nq	99
79) Butylbenzylphthalate	13.49	149	607800	73.09	nq	93
80) Benzo(a)anthracene	14.05	228	920122	50.78	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	385076	65.04	nq	# 98
82) Chrysene	14.09	228	871881	50.22	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	621009	69.02	nq	100
84) Di-n-octyl phthalate	14.66	149	1059503	76.37	nq	100
85) Indeno(1,2,3-cd)pyrene	16.93	276	1028211	62.59	nq	99
87) Benzo(b)fluoranthene	15.08	252	1018143m	64.44	nq	
88) Benzo(k)fluoranthene	15.12	252	645864m	42.71	nq	
89) Benzo(a)pyrene	15.45	252	821157	57.66	nq	# 94
90) Dibenzo(a,h)anthracene	16.96	278	842542	60.20	nq	99
91) Benzo(g,h,i)perylene	17.37	276	860343	58.33	nq	99

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

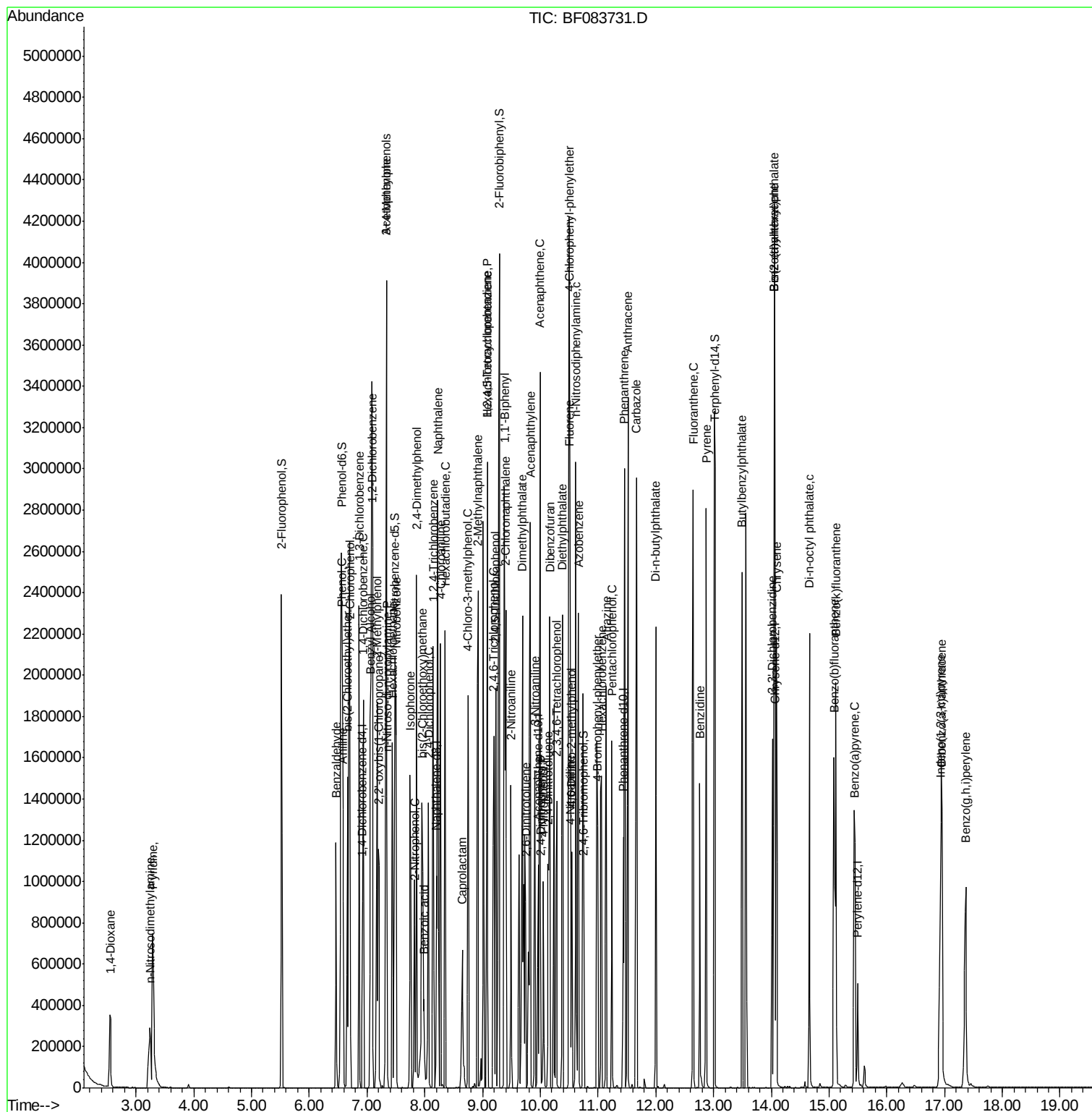
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
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ALS Vial : 7 Sample Multiplier: 1

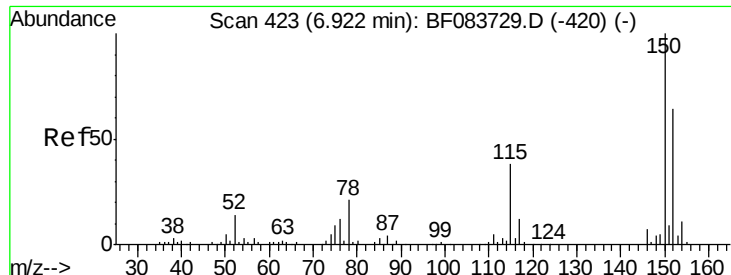
Instrument :
BNA_F
Client Sample ID :
SSTDIC060

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#1

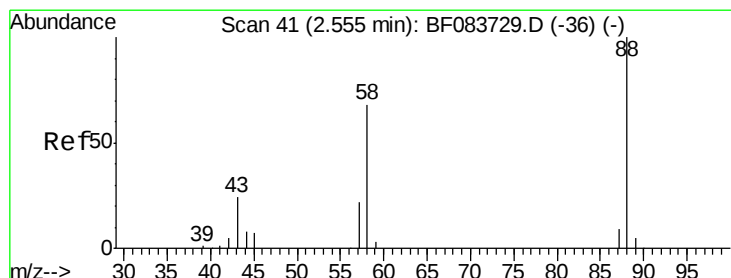
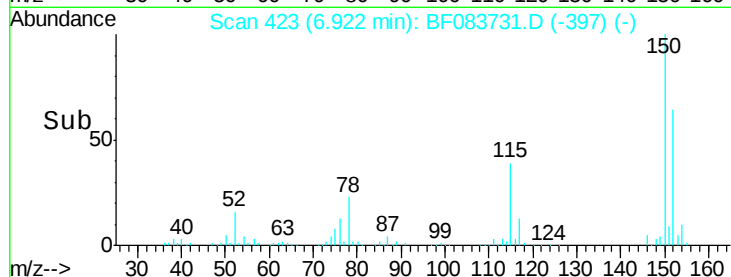
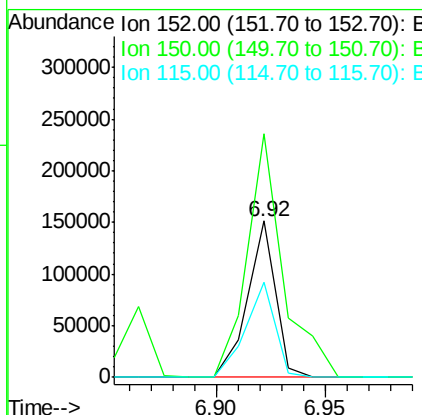
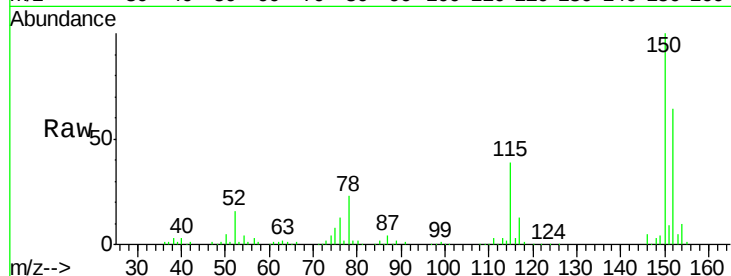
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.1	186.1
115	61.2	47.2	70.8

Manual Integrations
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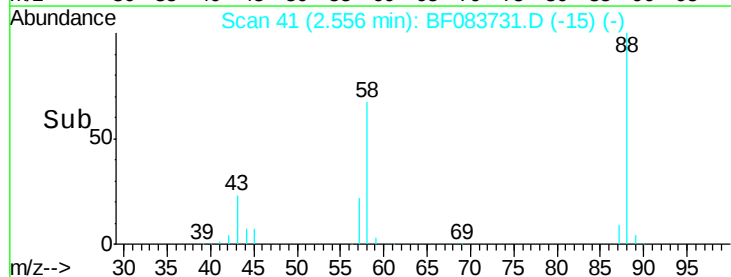
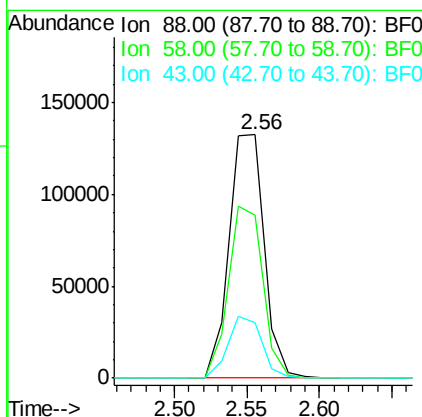
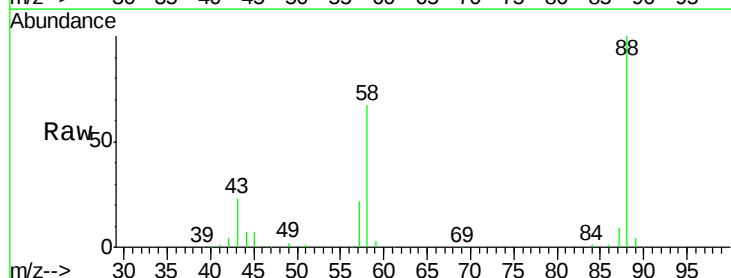
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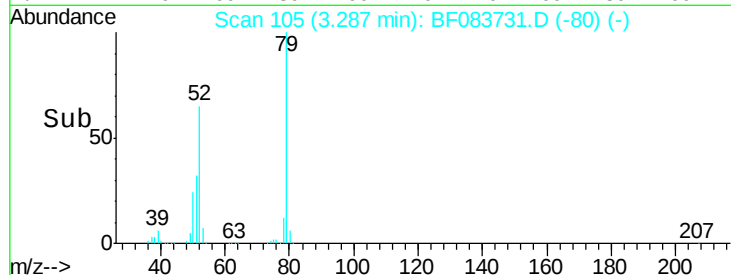
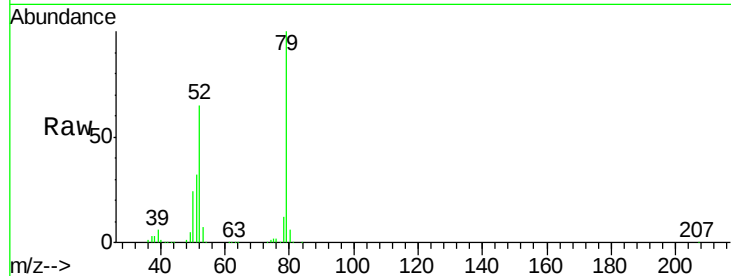
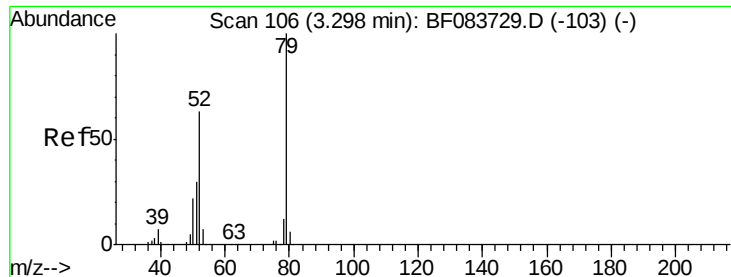


#2

1,4-Dioxane
Concen: 52.45 ng
RT: 2.56 min Scan# 41
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	53.5	80.3
43	24.3	18.7	28.1





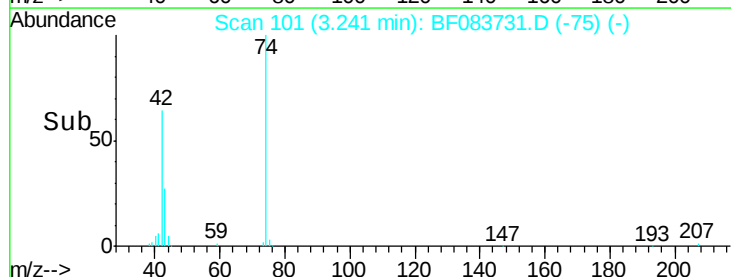
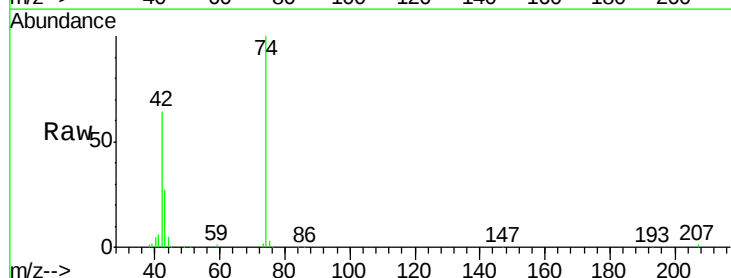
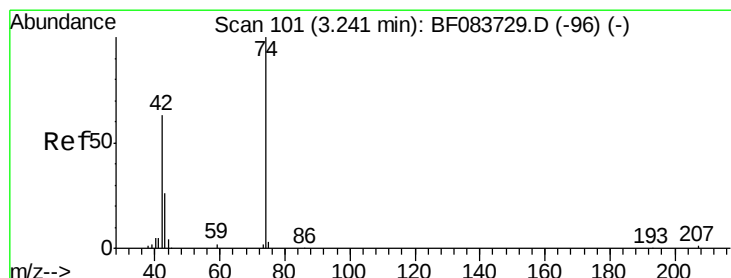
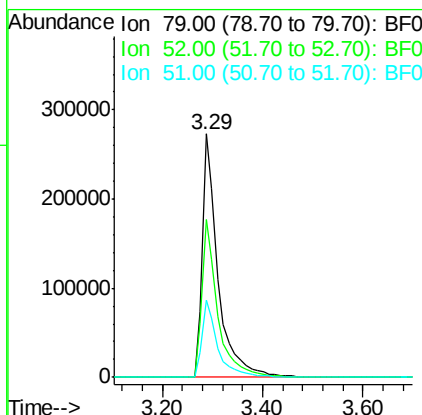
#3
 Pvridine
 Concen: 53.92 ng
 RT: 3.29 min Scan# 105
 Delta R.T. -0.01 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Tot Ion:	79	Resp:	594067
Ion Ratio	Lower	Upper	
79	100		
52	64.9	50.2	75.4
51	31.8	24.4	36.6

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

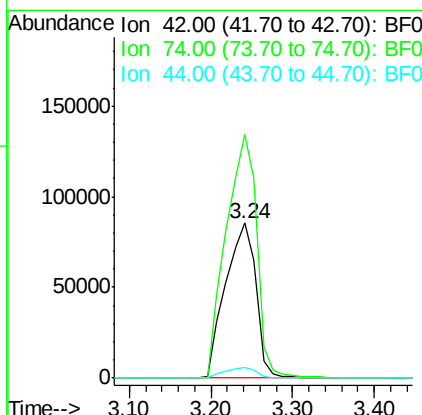
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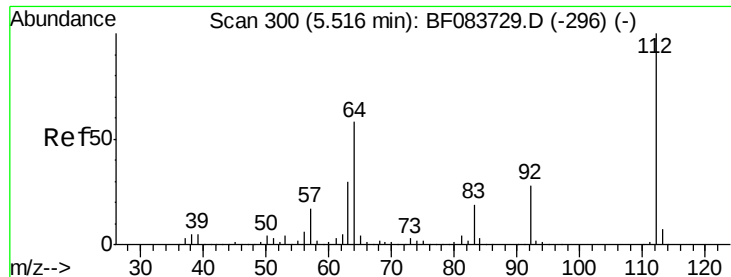
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#4
 n-Nitrosodimethylamine
 Concen: 49.75 ng
 RT: 3.24 min Scan# 101
 Delta R.T. 0.00 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Tgt Ion:	42	Resp:	220461
Ion Ratio	Lower	Upper	
42	100		
74	157.3	128.0	192.0
44	7.1	5.4	8.2





#5

2-Fluorophenol

Concen: 105.42 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Instrument :

BNA_F

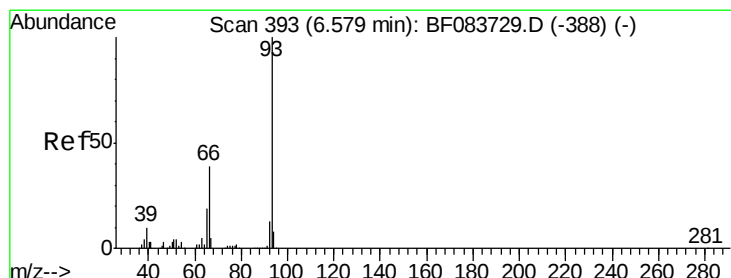
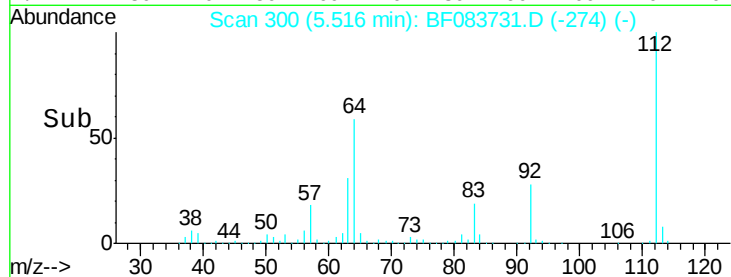
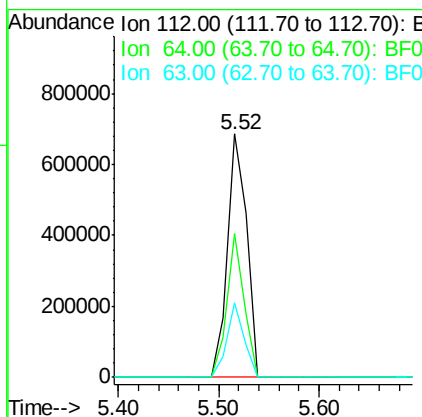
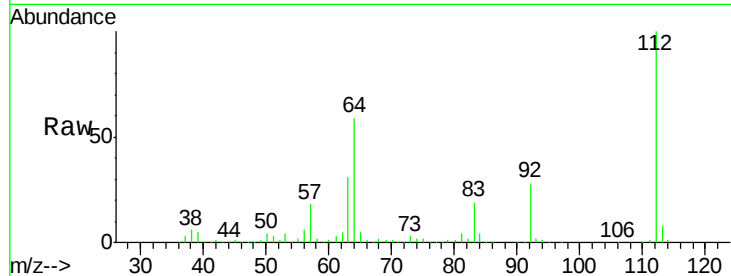
ClientSampleId :

SSTDIC060

Tot Ion:	112	Resp:	909079
Ion Ratio	Lower	Upper	
112	100		
64	58.9	46.1	69.1
63	30.9	24.1	36.1

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#6

Aniline

Concen: 53.64 ng

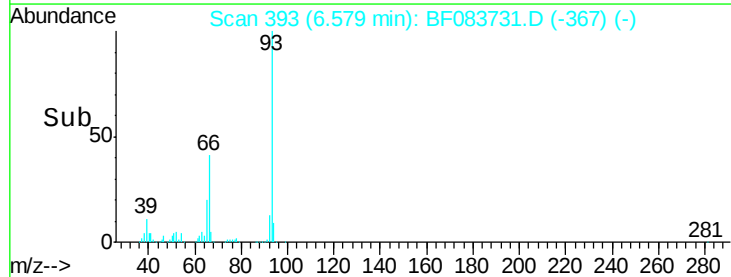
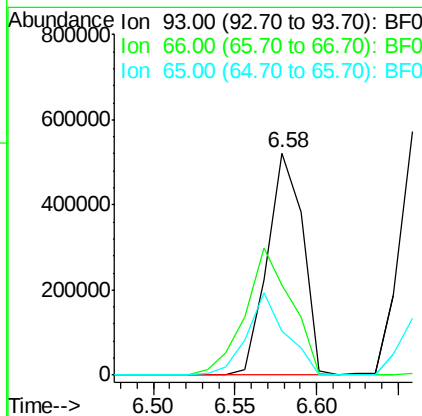
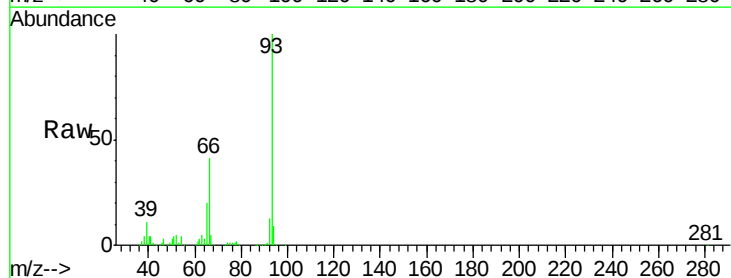
RT: 6.58 min Scan# 393

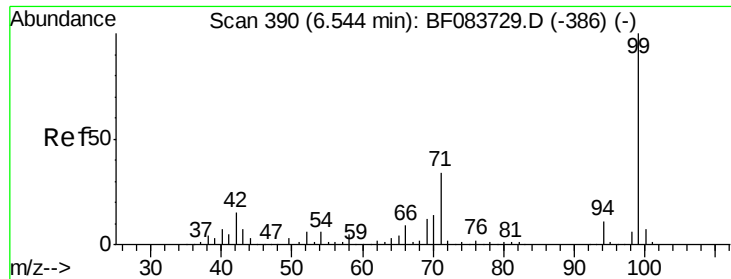
Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Tgt Ion:	93	Resp:	792551
Ion Ratio	Lower	Upper	
93	100		
66	40.6	31.2	46.8
65	19.6	14.9	22.3





#7

Phenol-d6

Concen: 109.31 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 99 Resp: 1183711

Ion Ratio Lower Upper

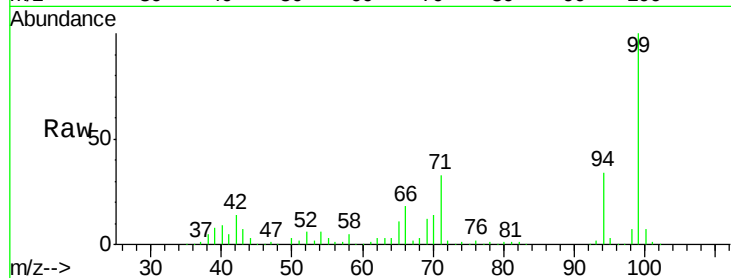
99 100

42 13.5 12.2 18.2

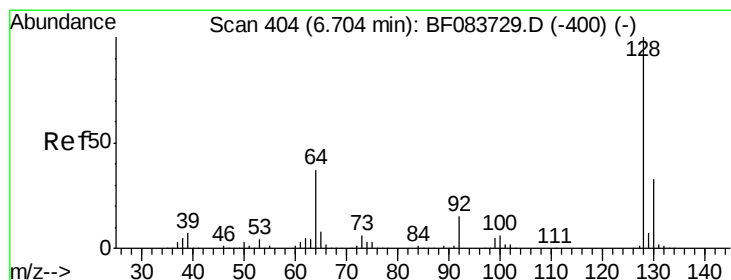
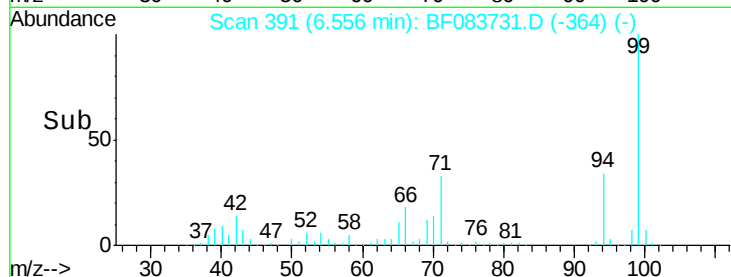
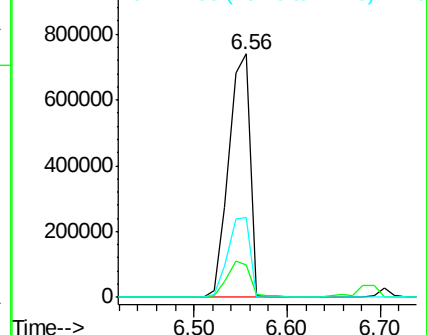
71 32.6 26.9 40.3

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 52.39 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

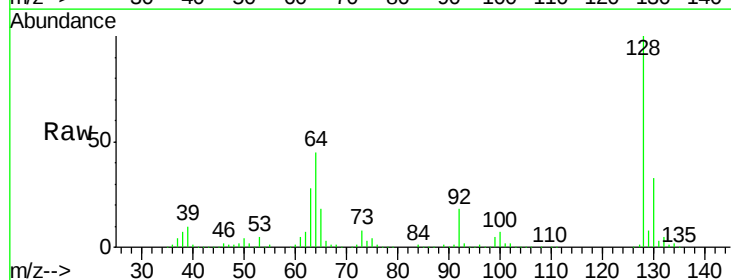
Tgt Ion:128 Resp: 508294

Ion Ratio Lower Upper

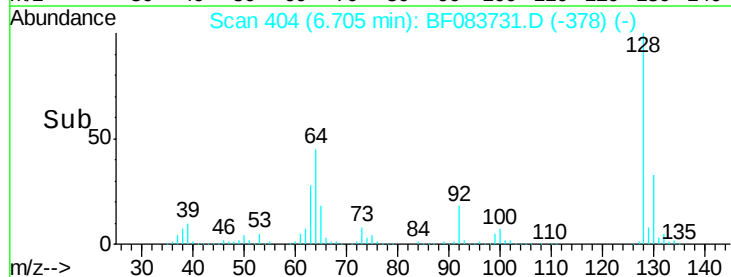
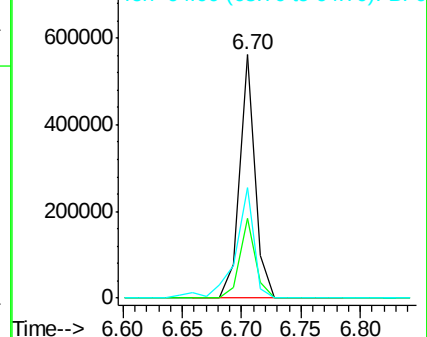
128 100

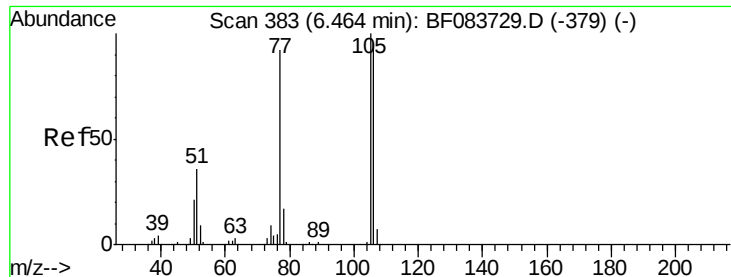
130 32.7 13.4 53.4

64 45.4 17.1 57.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 45.63 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Instrument :

BNA_F

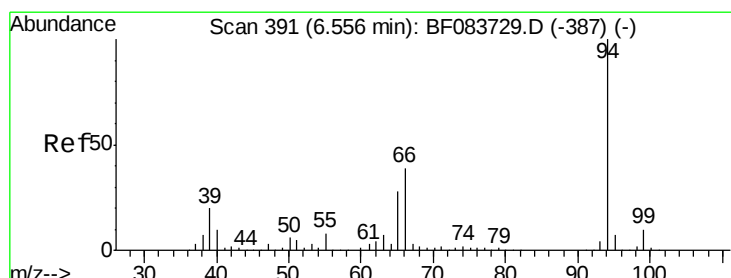
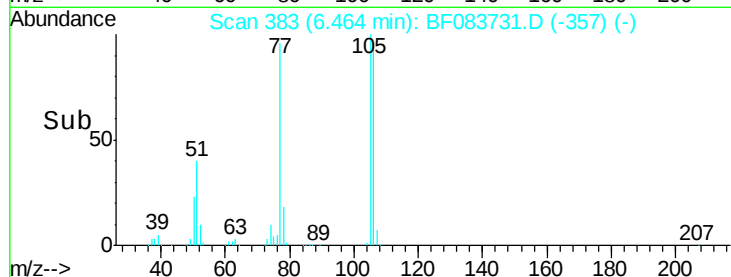
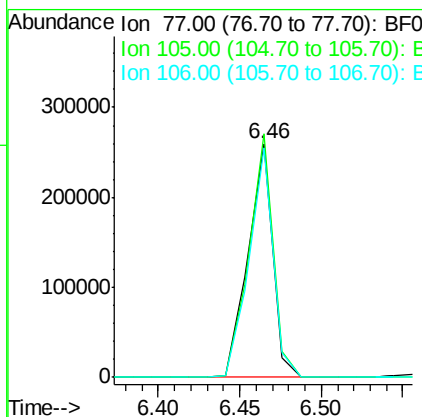
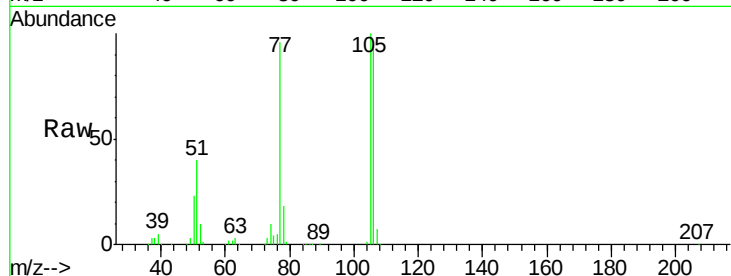
ClientSampleId :

SSTDIC060

Tot Ion:	77	Resp:	271591
Ion Ratio	Lower	Upper	
77	100		
105	104.1	88.5	128.5
106	98.0	82.8	122.8

Manual Integrations
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#10

Phenol

Concen: 55.37 ng

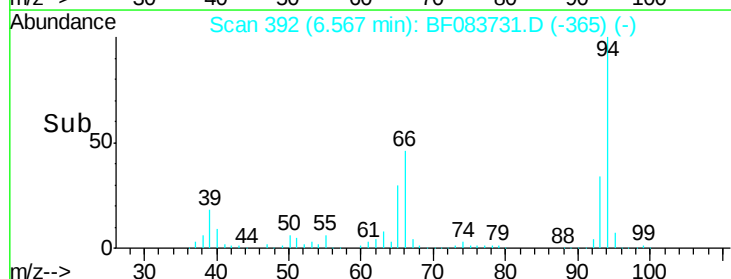
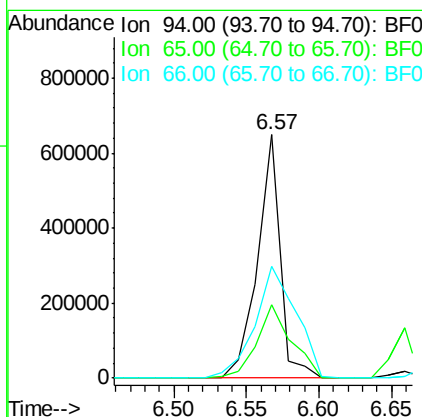
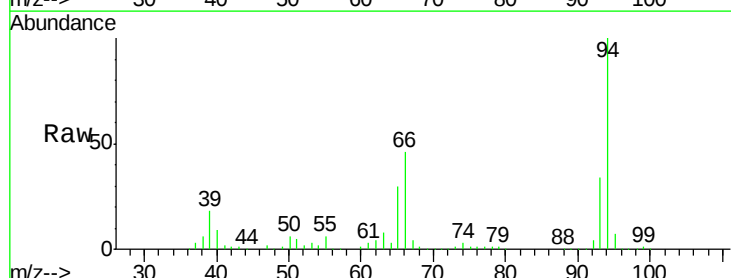
RT: 6.57 min Scan# 392

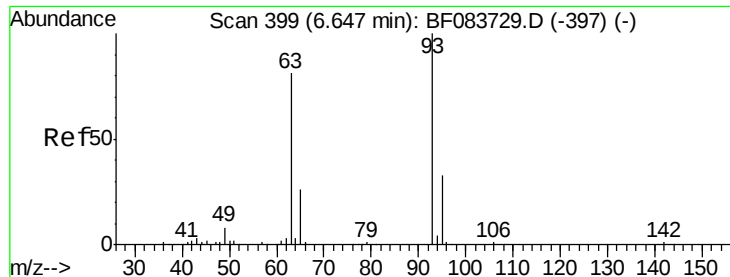
Delta R.T. 0.01 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Tgt Ion:	94	Resp:	703974
Ion Ratio	Lower	Upper	
94	100		
65	30.0	8.0	48.0
66	46.0	19.1	59.1





#11

bis(2-Chloroethyl)ether

Concen: 58.43 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.01 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Instrument :

BNA_F

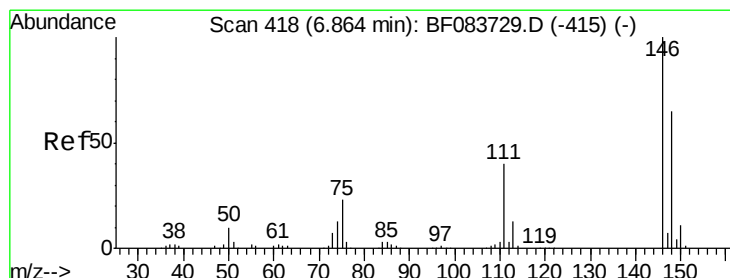
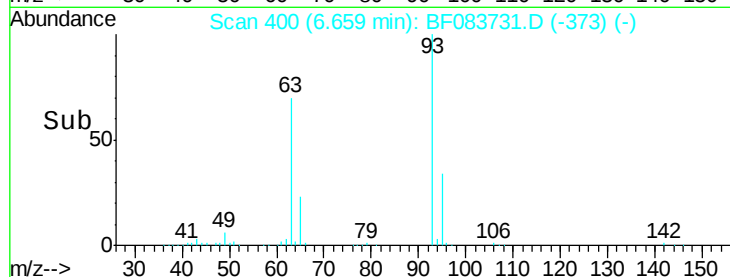
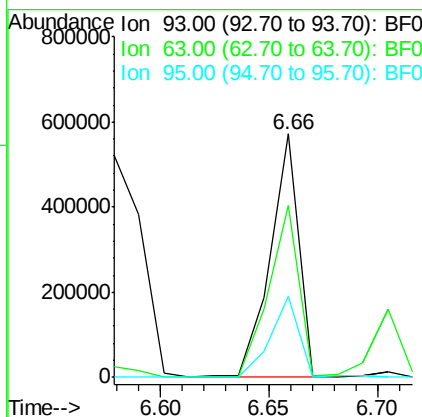
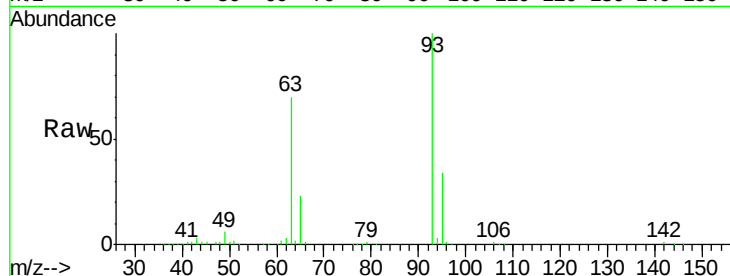
ClientSampleId :

SSTDICC060

Tot Ion:	93	Resp:	525334
Ion	Ratio	Lower	Upper
93	100		
63	70.4	60.7	100.7
95	33.5	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 54.64 ng

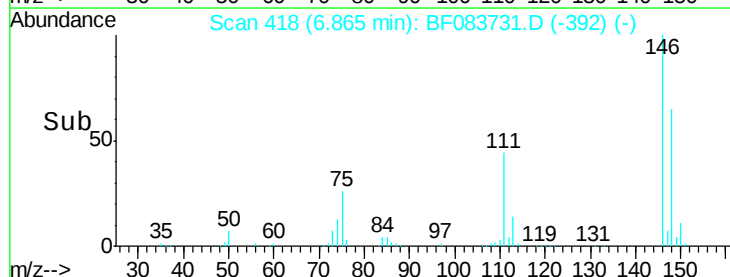
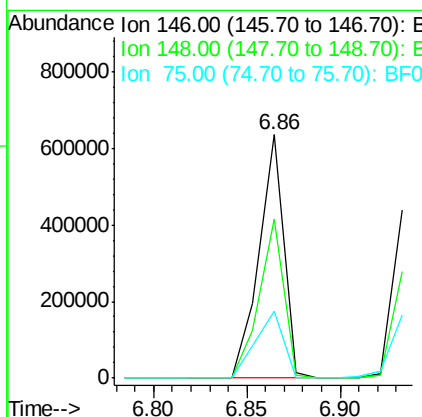
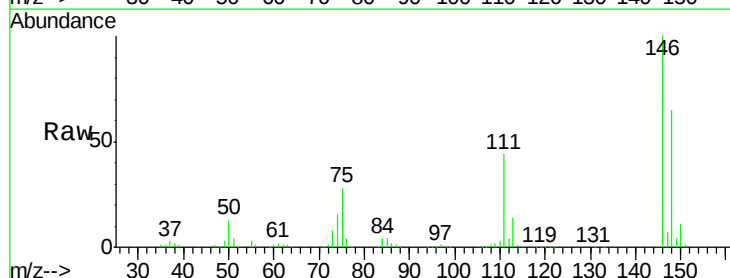
RT: 6.86 min Scan# 418

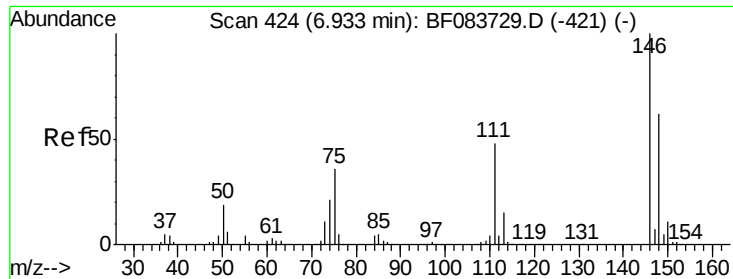
Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Tgt Ion:	146	Resp:	581203
Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.9	77.9
75	27.7	18.8	28.2





#13

1,4-Dichlorobenzene

Concen: 53.24 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Instrument :

BNA_F

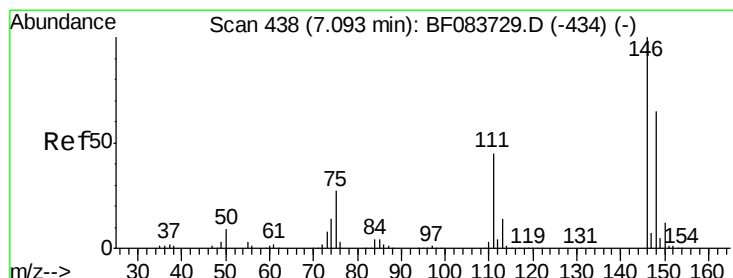
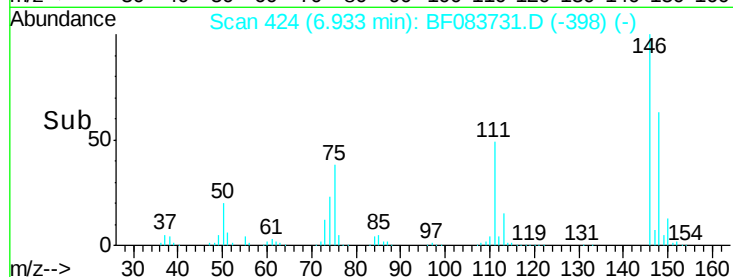
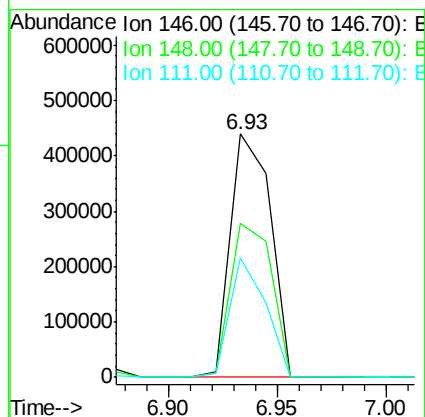
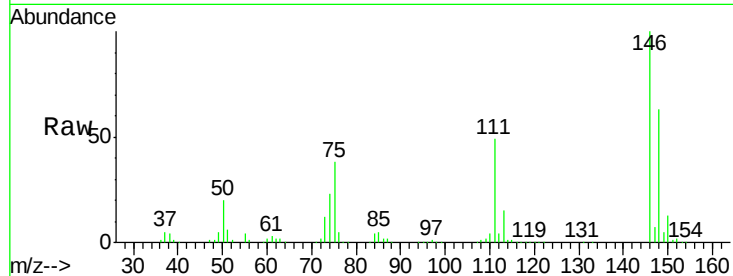
ClientSampleId :

SSTDICC060

Tot Ion:	146	Resp:	562032
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.0	75.0
111	49.0	38.1	57.1

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#14

1,2-Dichlorobenzene

Concen: 50.57 ng

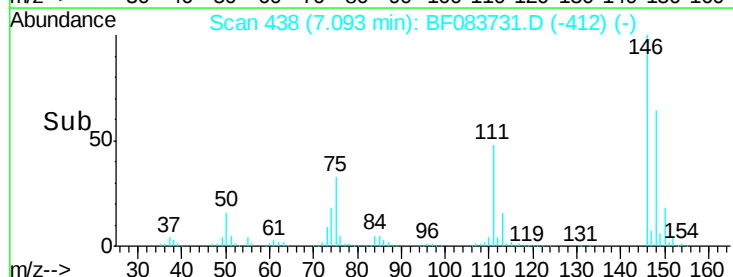
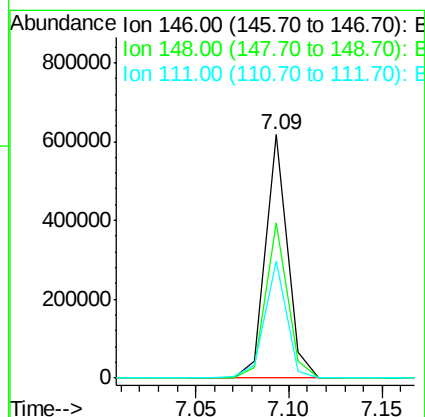
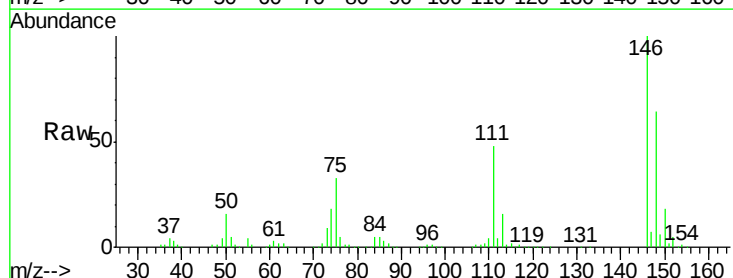
RT: 7.09 min Scan# 438

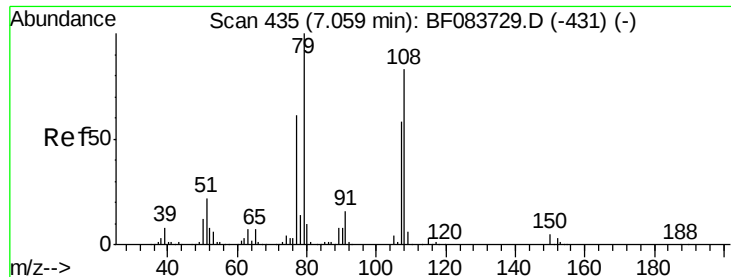
Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Tgt Ion:	146	Resp:	500161
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.2	78.4
111	48.0	35.8	53.6





#15

Benzyl Alcohol

Concen: 51.03 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Instrument :

BNA_F

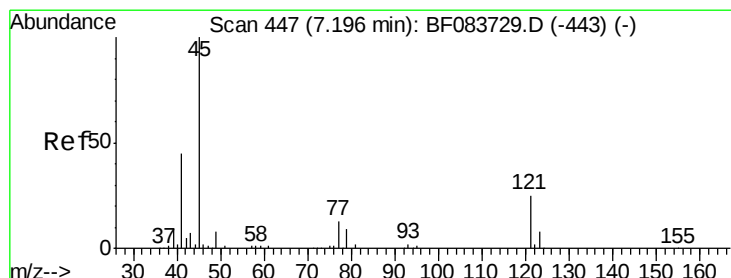
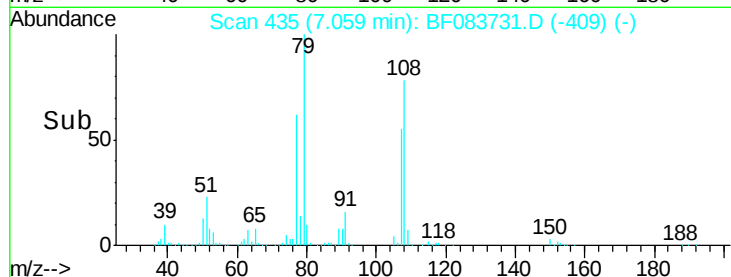
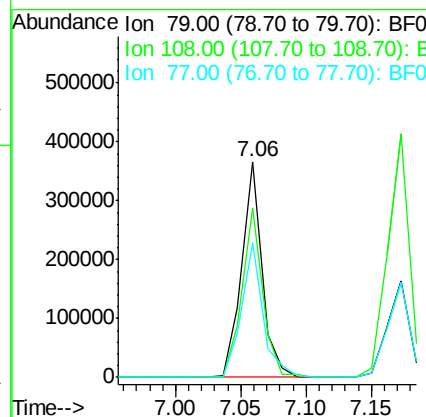
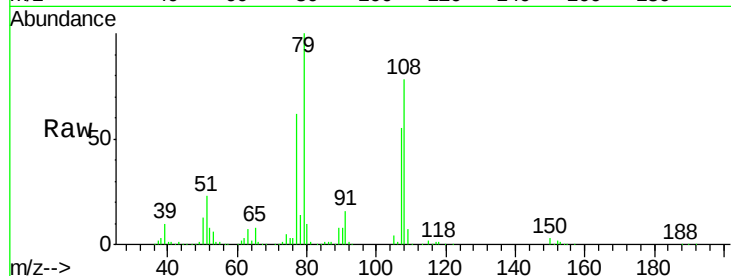
ClientSampleId :

SSTDICC060

Tot Ion:	79	Resp:	397484
Ion Ratio	Lower	Upper	
79	100		
108	78.4	66.3	99.5
77	62.3	48.5	72.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 50.76 ng

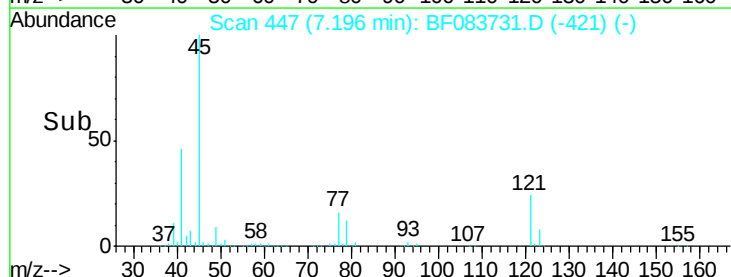
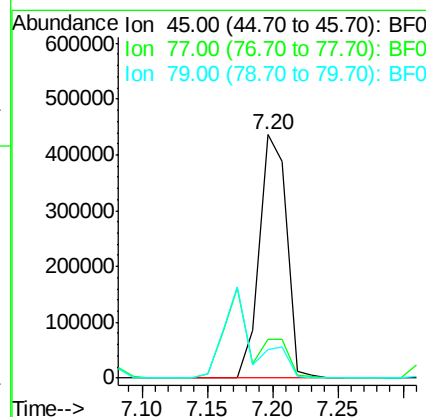
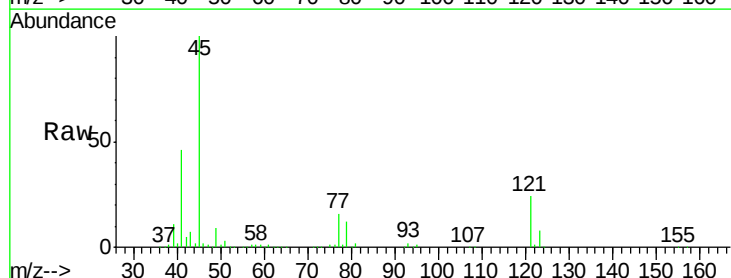
RT: 7.20 min Scan# 447

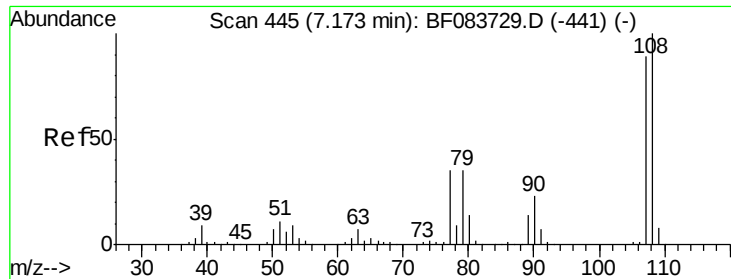
Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Tgt Ion:	45	Resp:	637238
Ion Ratio	Lower	Upper	
45	100		
77	16.1	0.0	36.3
79	11.8	0.0	32.0





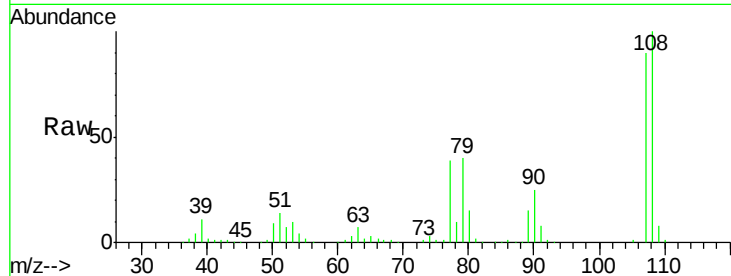
#17
2-Methylphenol
Concen: 54.49 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

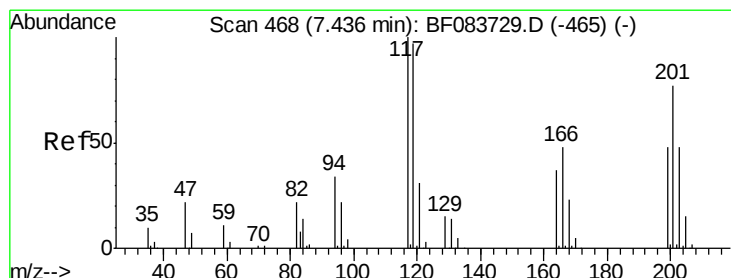
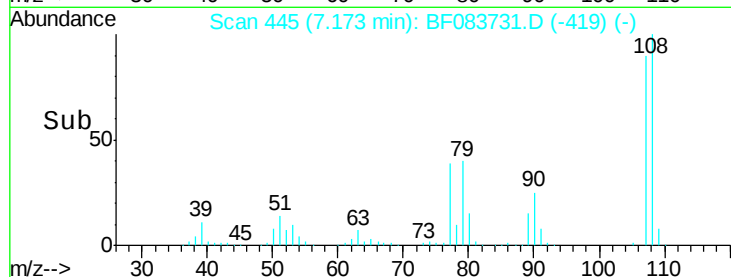
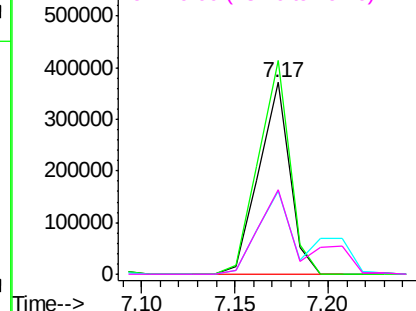
Tot Ion:	107	Resp:	424462
Ion Ratio	Lower	Upper	
107	100		
108	111.4	89.5	134.3
77	43.5	31.0	46.4
79	44.0	31.4	47.2

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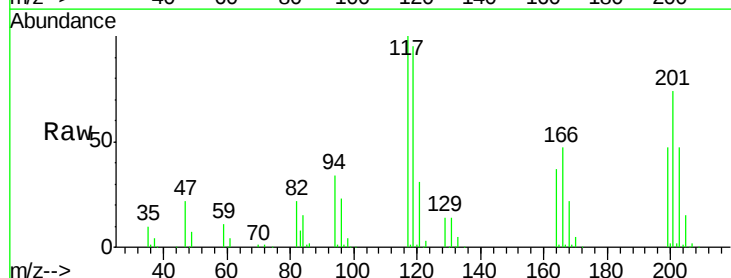


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

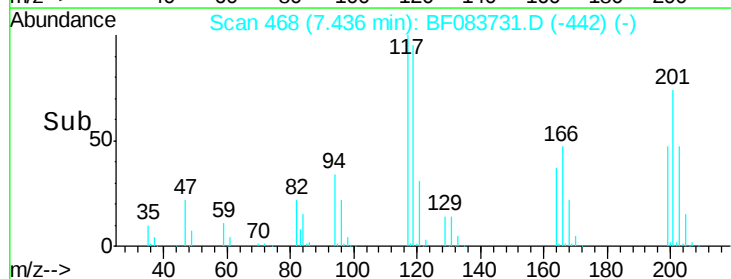
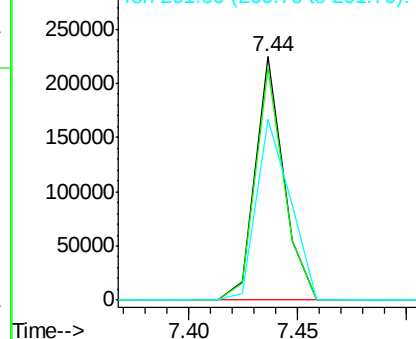


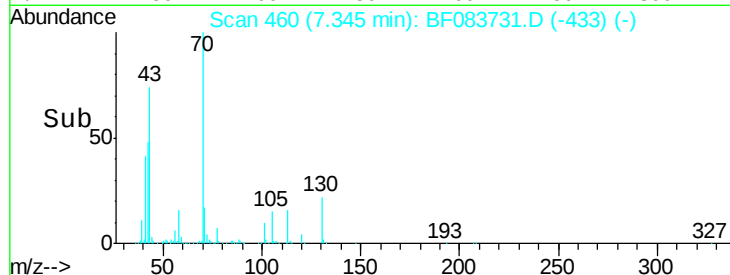
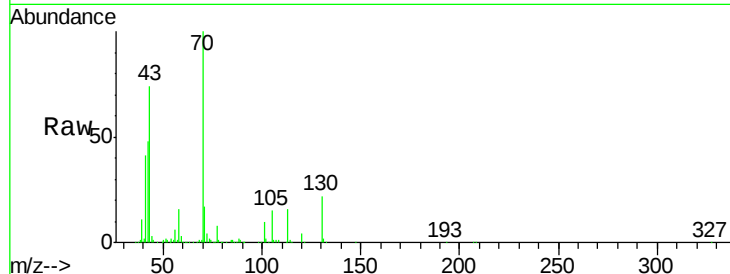
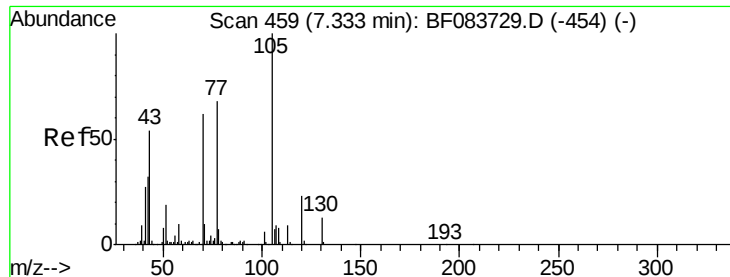
#18
Hexachloroethane
Concen: 56.01 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Tgt Ion:	117	Resp:	202657
Ion Ratio	Lower	Upper	
117	100		
119	95.2	77.4	116.0
201	74.3	61.3	91.9



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





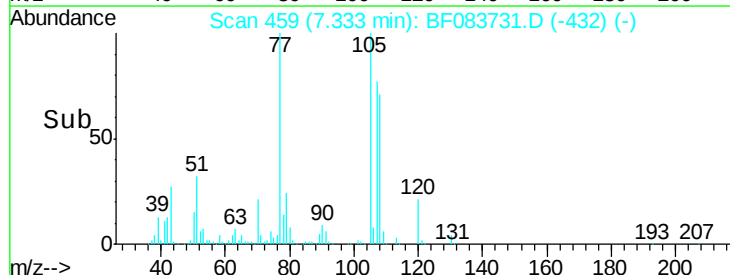
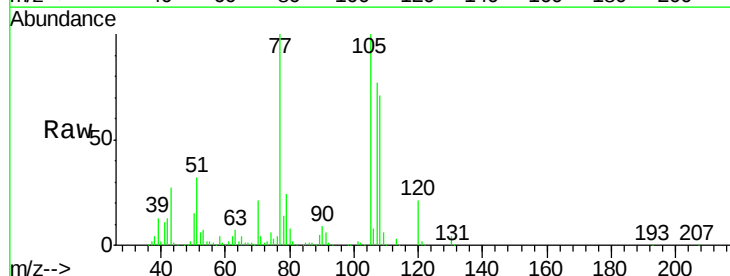
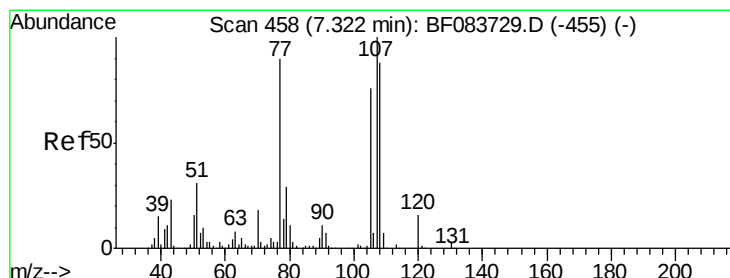
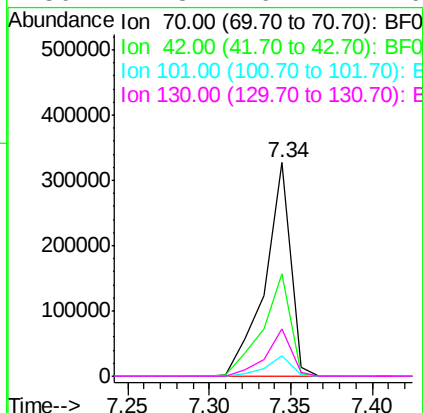
#19
n-Nitroso-di-n-propylamine
Concen: 57.52 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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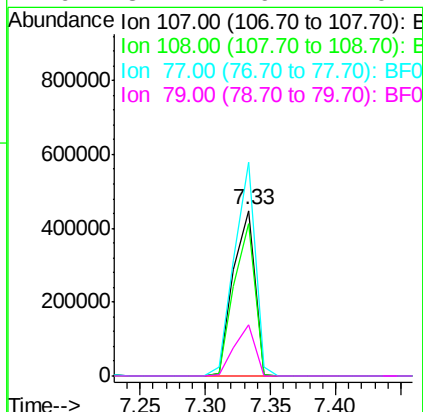
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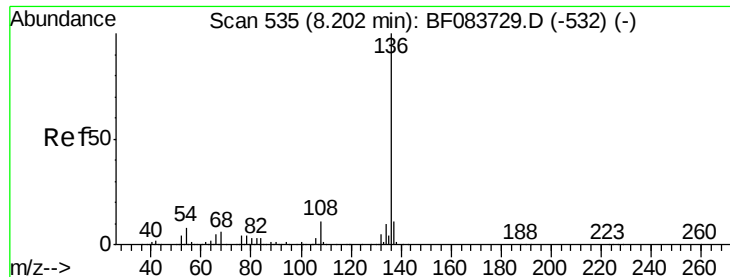
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.0	41.4	62.2	
101	9.6	7.7	11.5	
130	22.3	16.4	24.6	



#20
3+4-Methylphenols
Concen: 54.51 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.4	68.3	108.3	
77	129.3	69.9	109.9	
79	31.1	9.1	49.1	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF083731.D

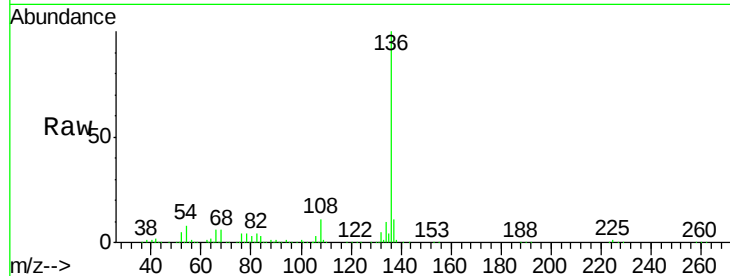
Acq: 13 Dec 2015 16:09

Instrument :

BNA_F

ClientSampleId :

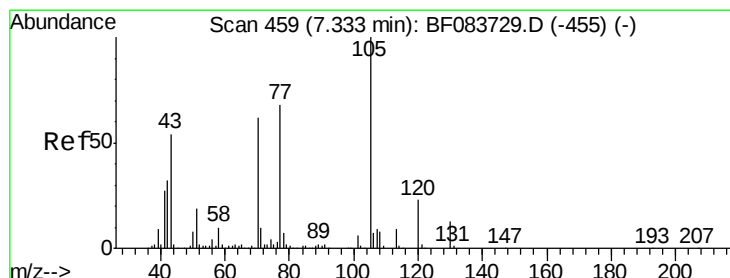
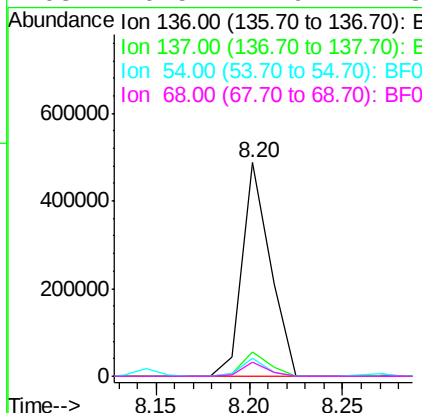
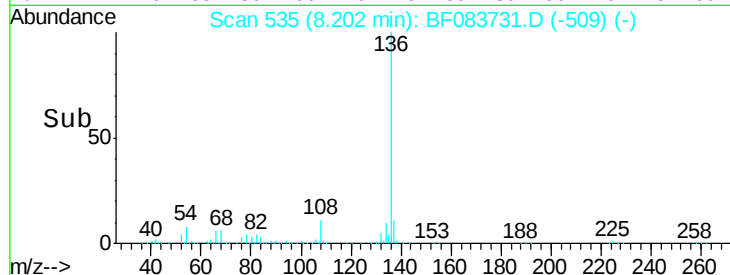
SSTDIC060



Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		509720		
137	11.3	8.9	13.3		
54	8.4	6.5	9.7		
68	6.5	4.9	7.3		

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#22

Acetophenone

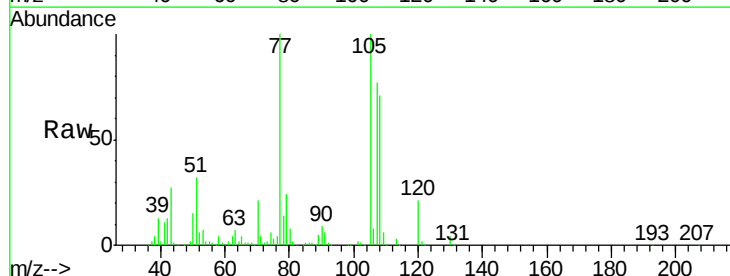
Concen: 51.42 ng

RT: 7.33 min Scan# 459

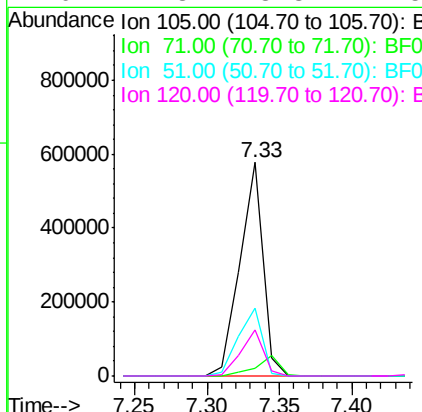
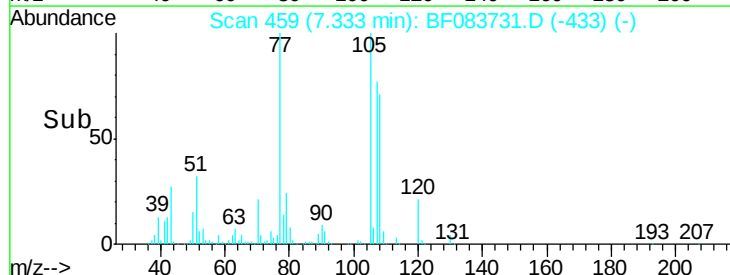
Delta R.T. 0.00 min

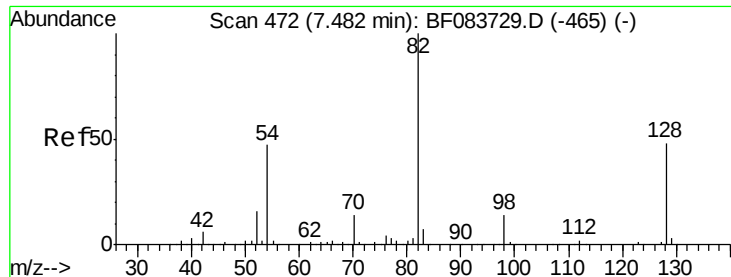
Lab File: BF083731.D

Acq: 13 Dec 2015 16:09



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		638471		
71	3.6	8.2	12.4#		
51	31.9	15.0	22.6#		
120	21.3	18.3	27.5		





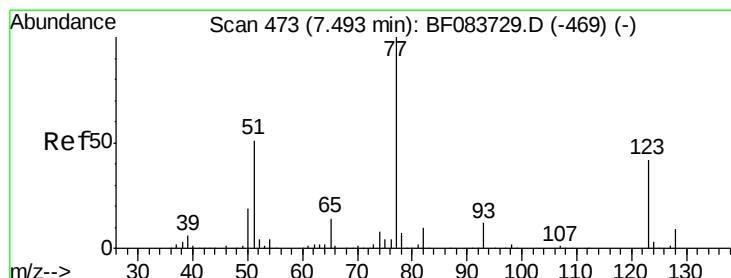
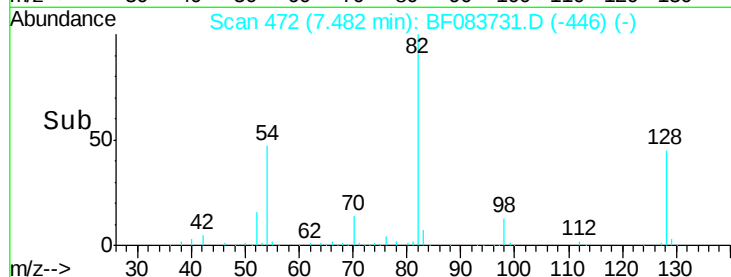
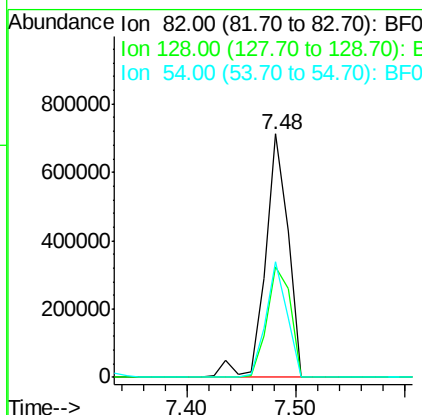
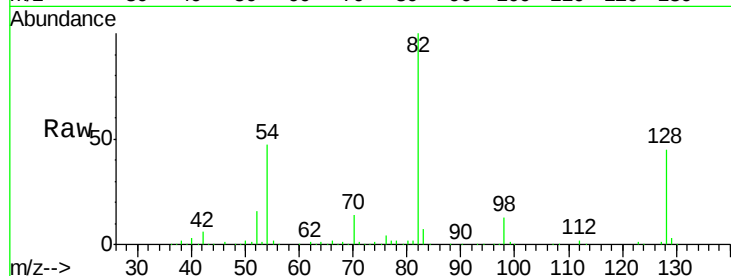
#23
 Nitrobenzene-d5
 Concen: 134.42 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	38.2	57.4
54	47.3	37.6	56.4

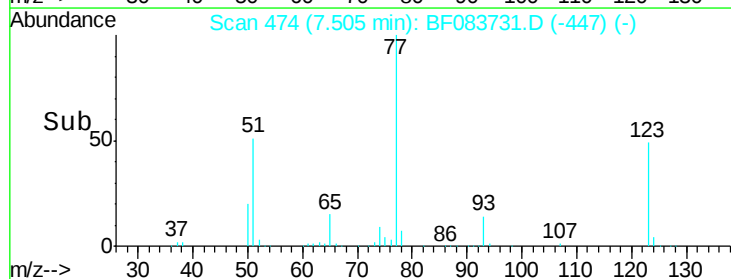
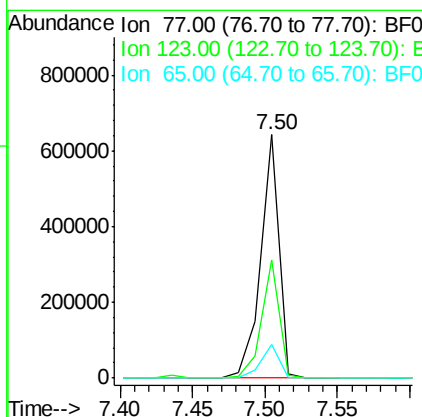
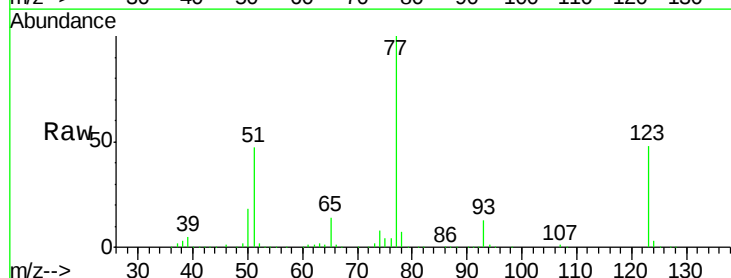
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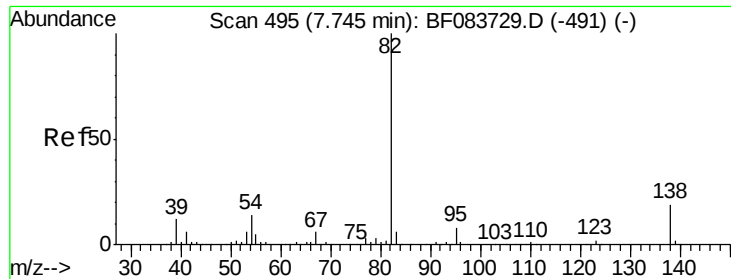
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#24
 Nitrobenzene
 Concen: 65.98 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.01 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	33.7	50.5
65	13.7	10.8	16.2





#25

Isophorone

Concen: 58.67 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 82 Resp: 1005473

Ion Ratio Lower Upper

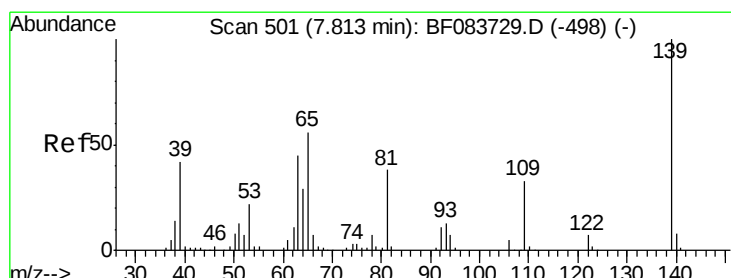
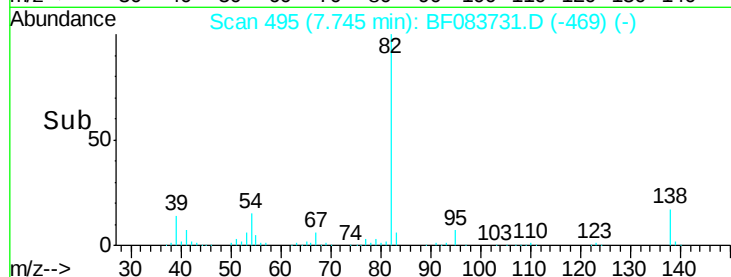
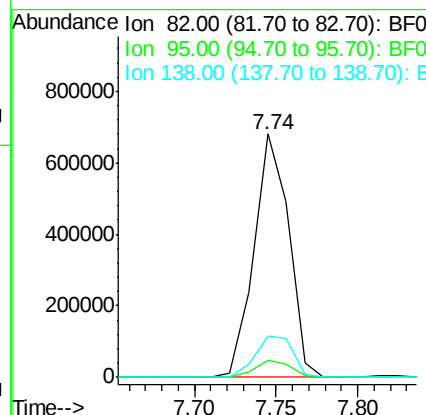
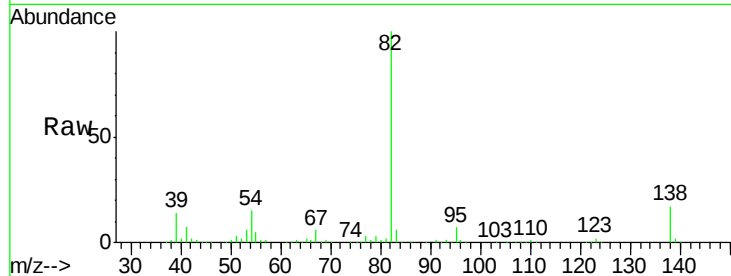
82 100

95 7.2 6.0 9.0

138 17.1 15.5 23.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 80.02 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

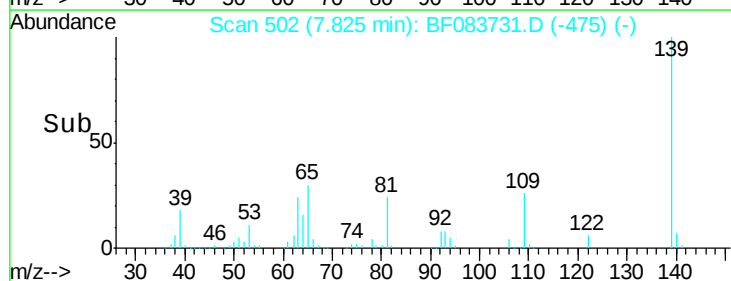
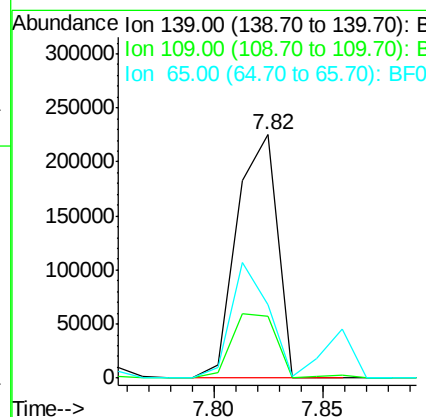
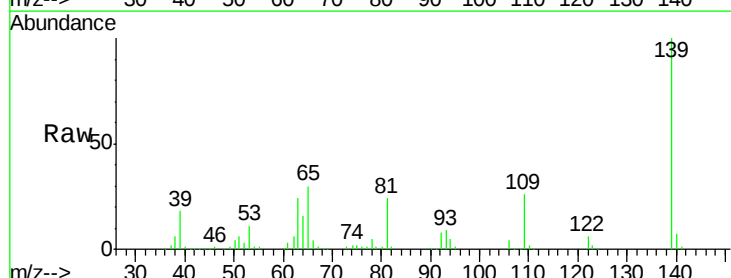
Tgt Ion: 139 Resp: 288809

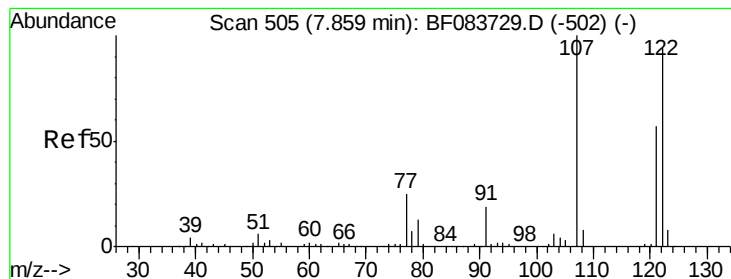
Ion Ratio Lower Upper

139 100

109 25.7 26.0 39.0#

65 30.3 44.6 66.8#





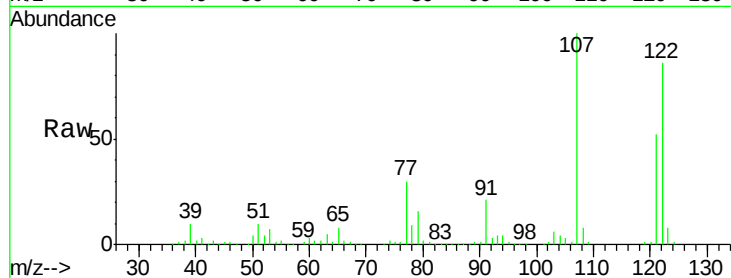
#27
 2,4-Dimethylphenol
 Concen: 58.62 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

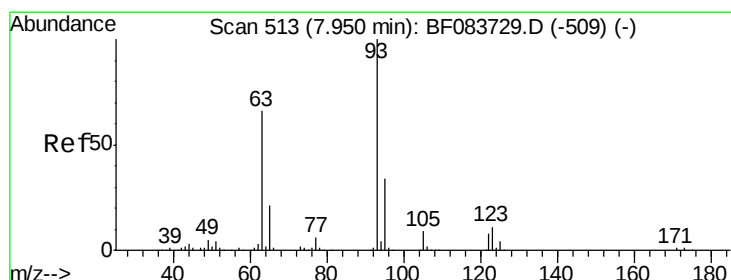
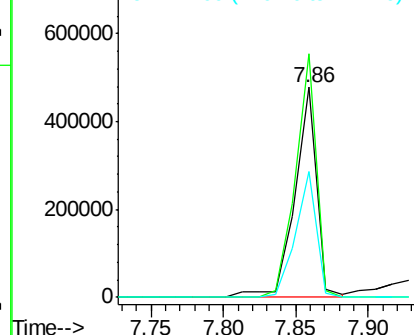
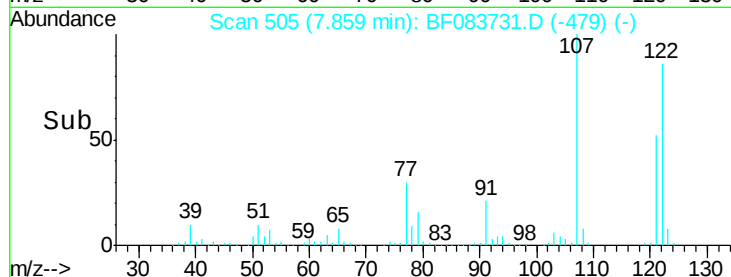
Tot Ion	Ratio	Resp	Lower	Upper
122	100	499645		
107	116.0	83.9	125.9	
121	60.2	47.5	71.3	

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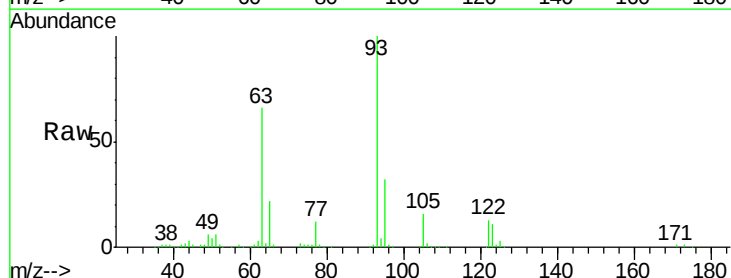


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

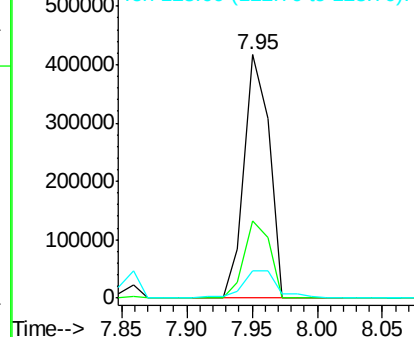
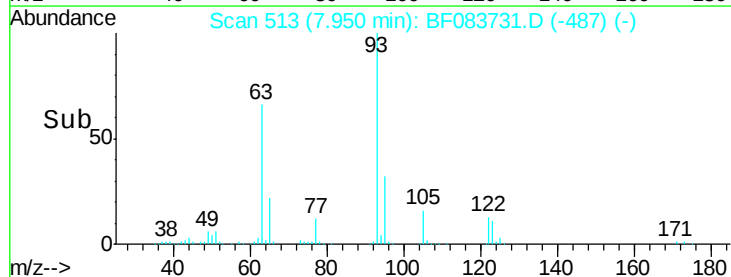


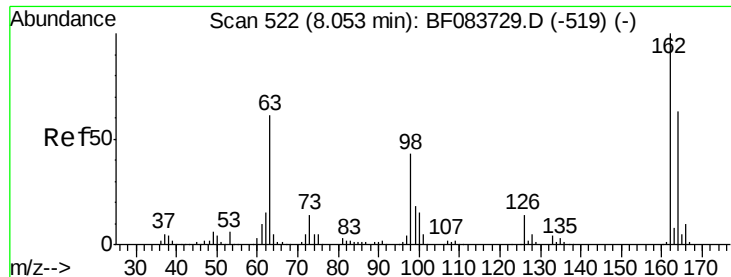
#28
 bis(2-Chloroethoxy)methane
 Concen: 57.90 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	556002		
95	31.9	26.9	40.3	
123	11.5	9.3	13.9	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





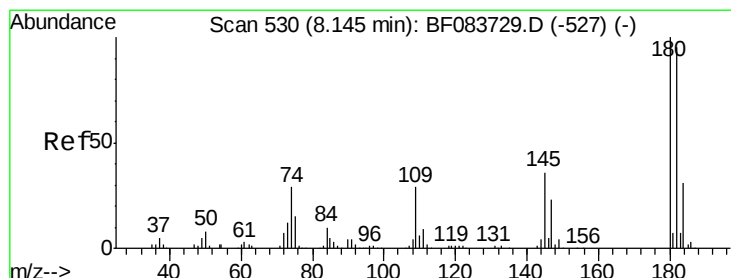
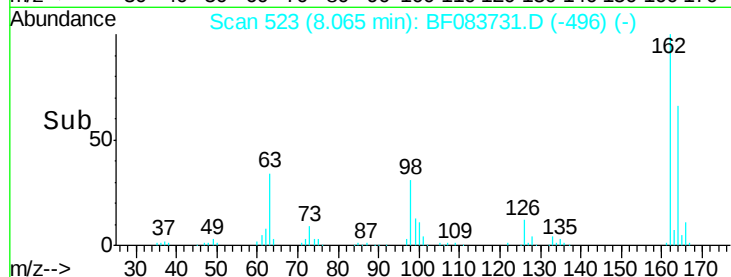
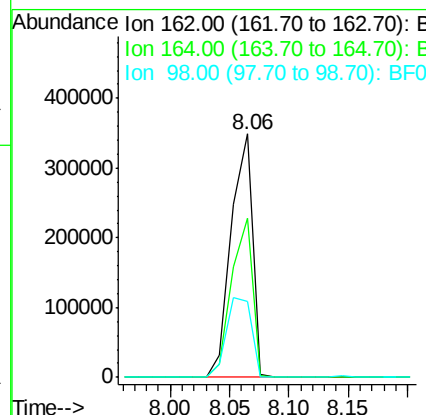
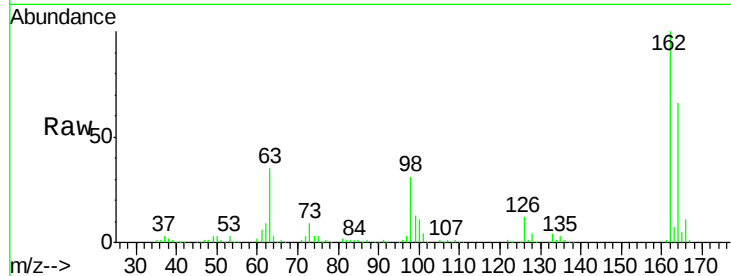
#29
 2,4-Dichlorophenol
 Concen: 62.55 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.6	42.8	82.8
98	31.4	23.1	63.1

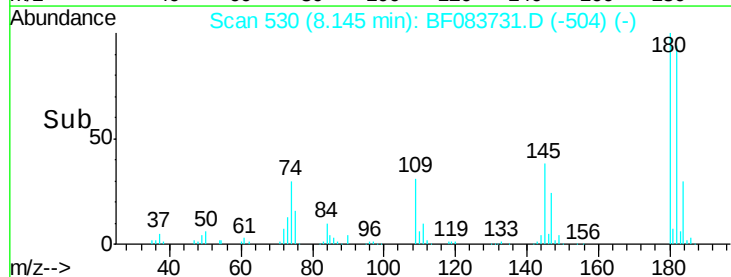
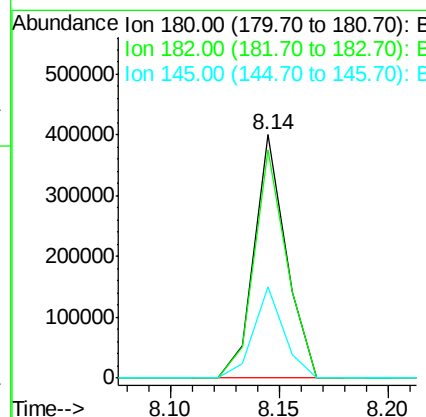
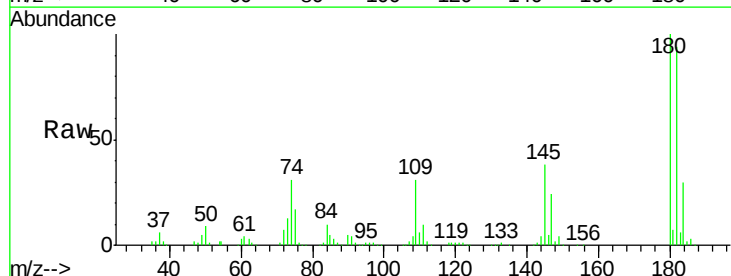
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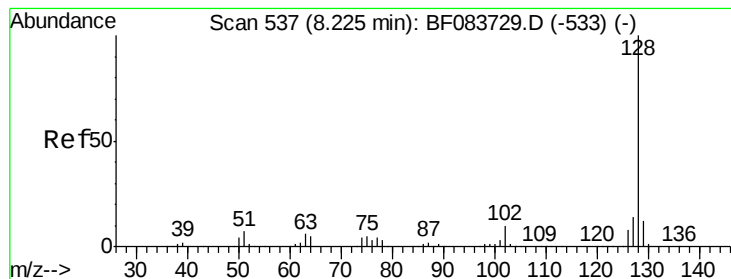
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#30
 1,2,4-Trichlorobenzene
 Concen: 53.51 ng
 RT: 8.14 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.8	75.8	113.8
145	37.7	29.0	43.6





#31

Naphthalene

Concen: 54.11 ng

RT: 8.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:128 Resp: 1367363

Ion Ratio Lower Upper

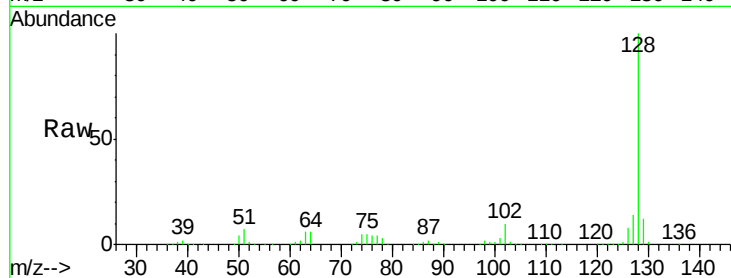
128 100

129 12.1 9.4 14.0

127 14.2 11.0 16.6

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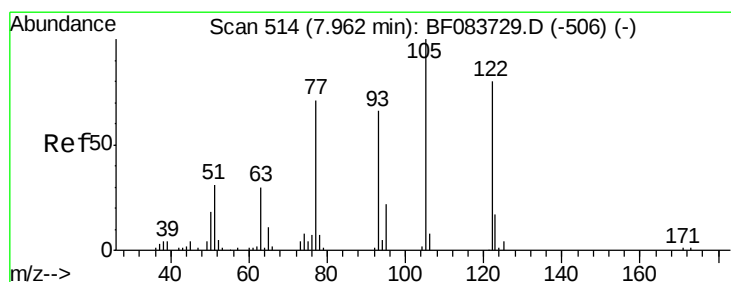
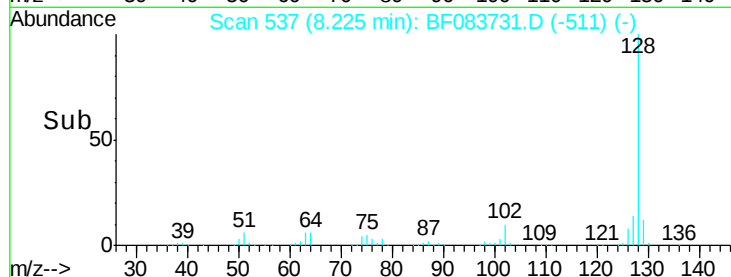
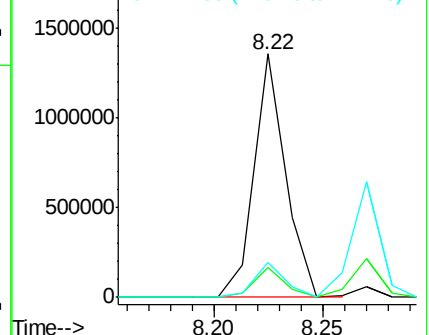
MMdadoda
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 73.35 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.02 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

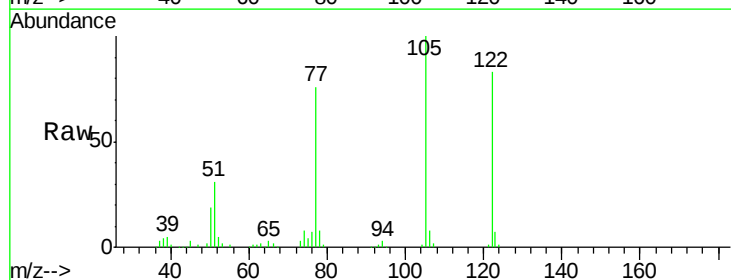
Tgt Ion:122 Resp: 352717

Ion Ratio Lower Upper

122 100

105 120.2 102.6 142.6

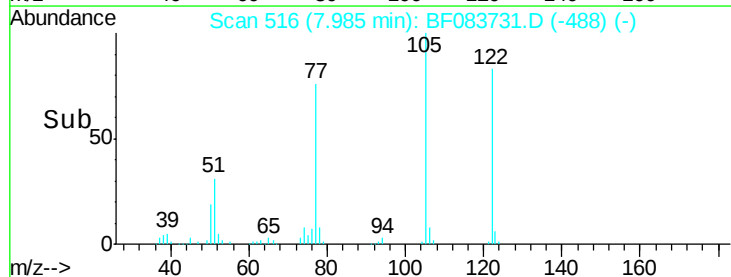
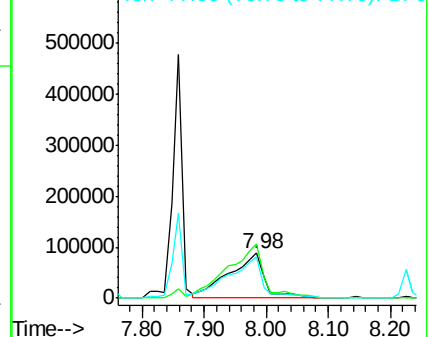
77 90.9 69.1 109.1

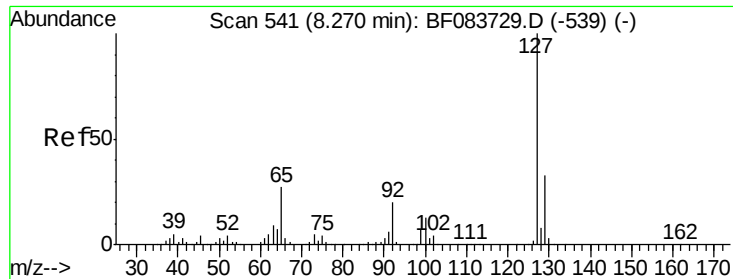


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





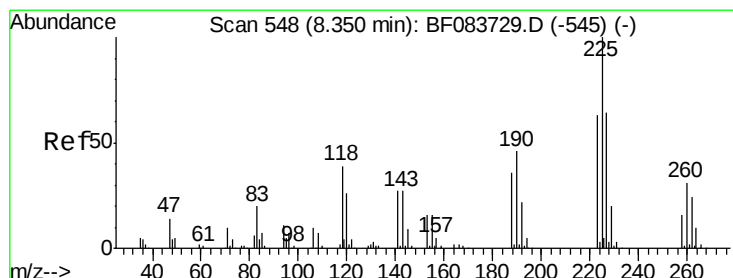
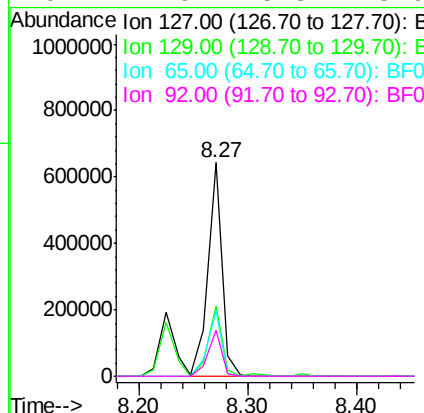
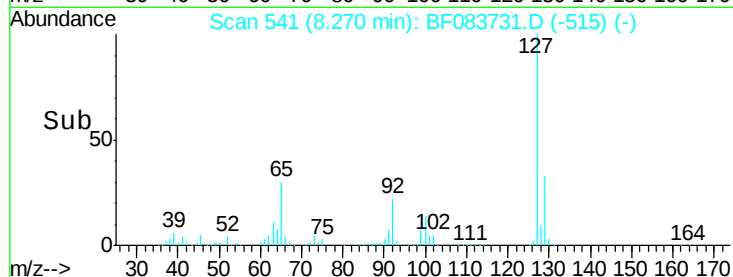
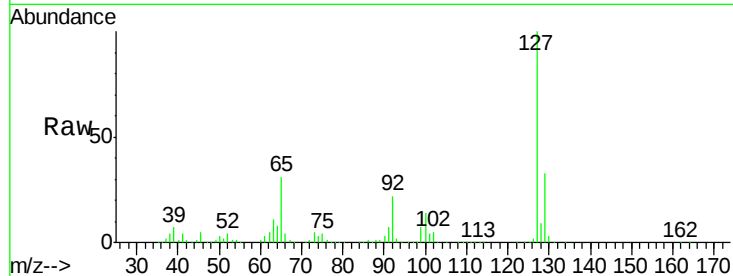
#33
4-Chloroaniline
Concen: 54.20 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.6	39.8		
65	30.5	21.7	32.5		
92	21.6	15.8	23.6		

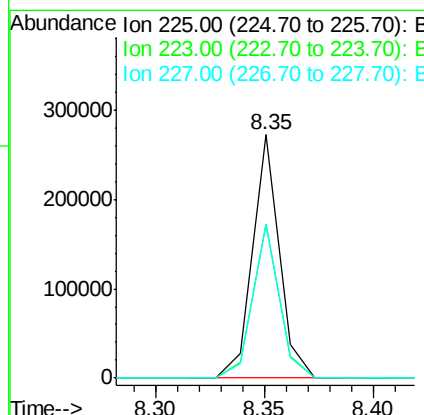
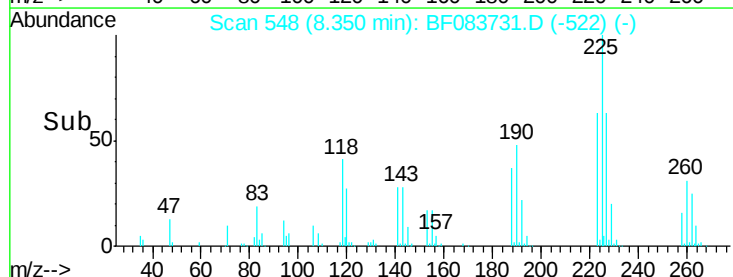
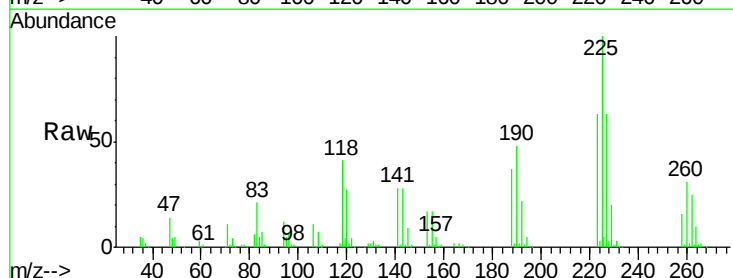
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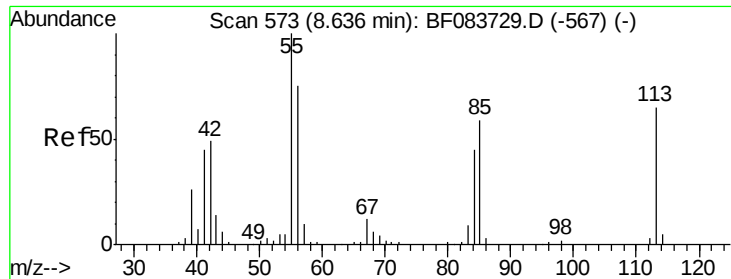
MMdadoda
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#34
Hexachlorobutadiene
Concen: 54.12 ng
RT: 8.35 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	50.6	75.8		
227	63.3	50.8	76.2		





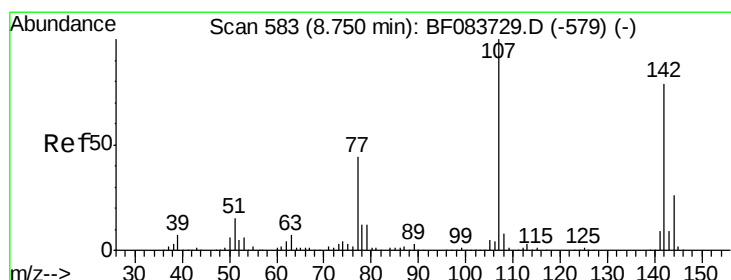
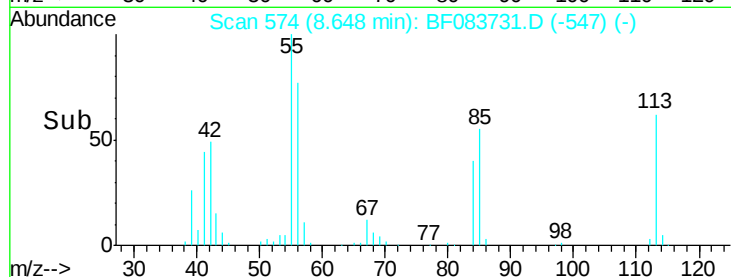
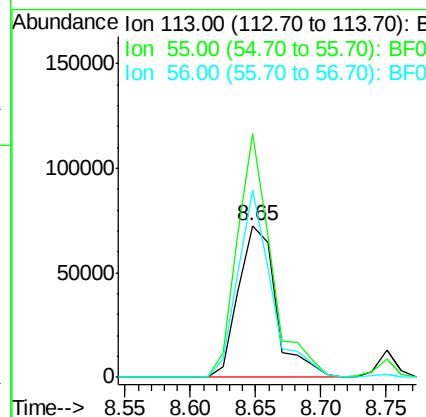
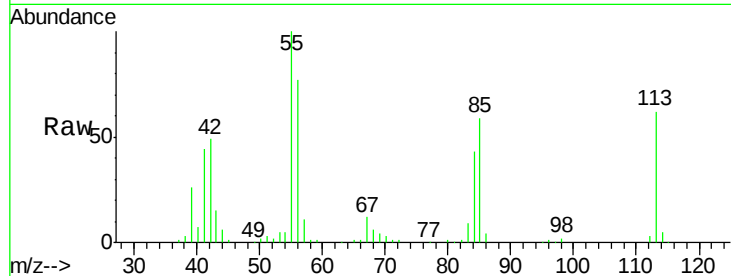
#35
Caprolactam
Concen: 64.05 ng
RT: 8.65 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.6	133.7	173.7
56	123.4	95.4	135.4

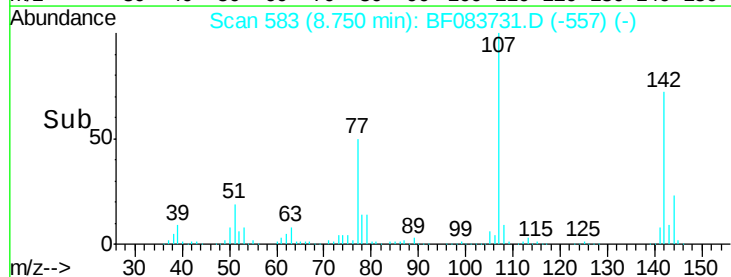
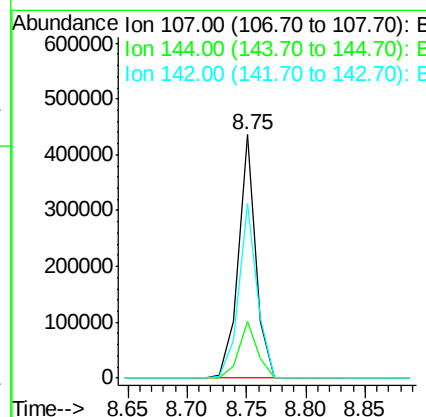
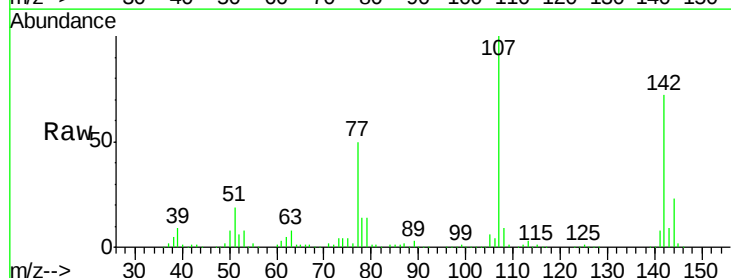
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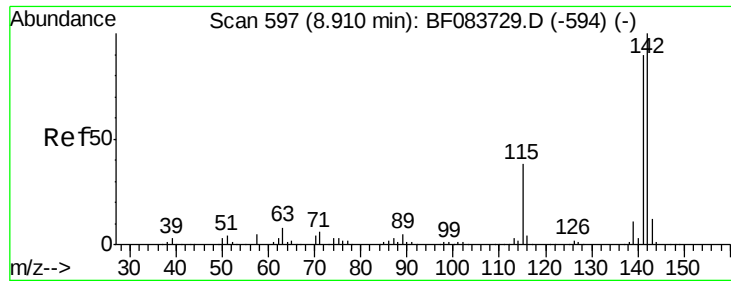
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#36
4-Chloro-3-methylphenol
Concen: 56.24 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	20.5	30.7
142	71.6	63.4	95.2





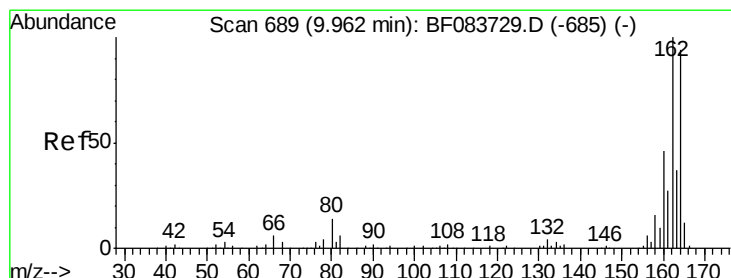
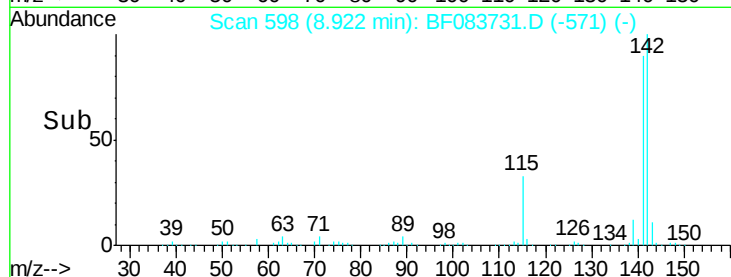
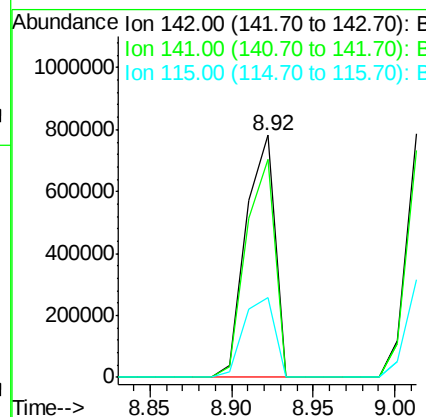
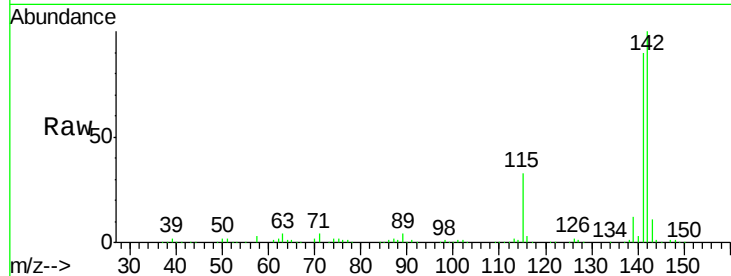
#37
2-Methylnaphthalene
Concen: 59.38 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.0	108.0
115	32.8	30.8	46.2

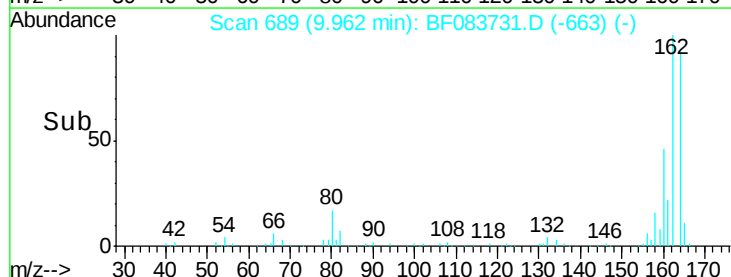
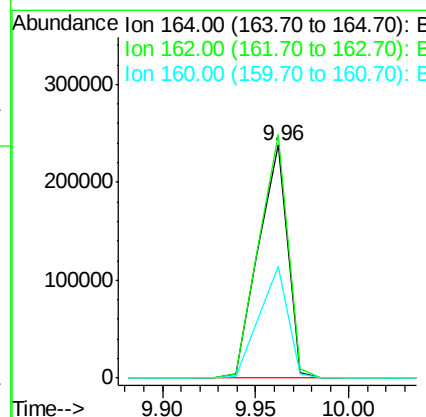
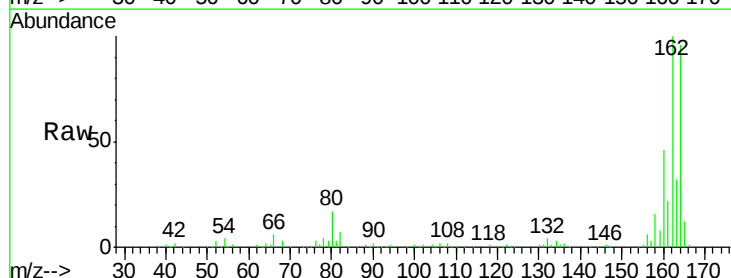
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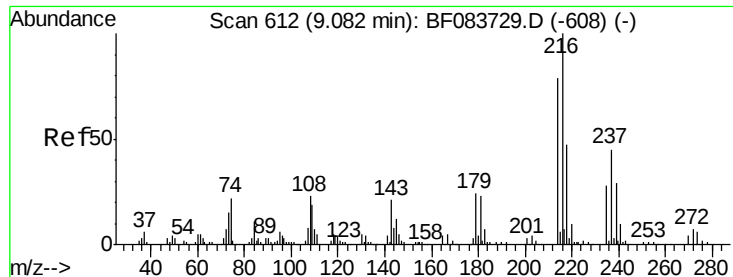
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.0	127.4
160	47.7	38.7	58.1





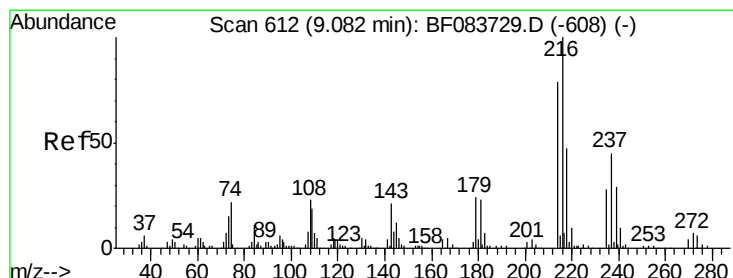
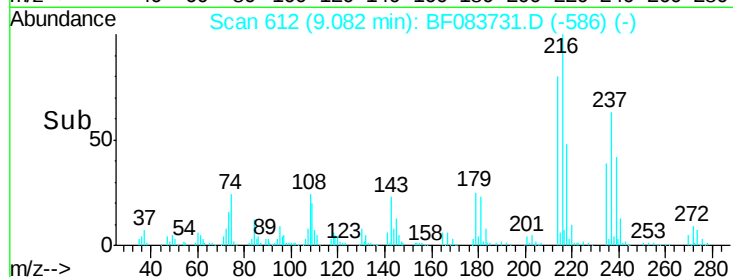
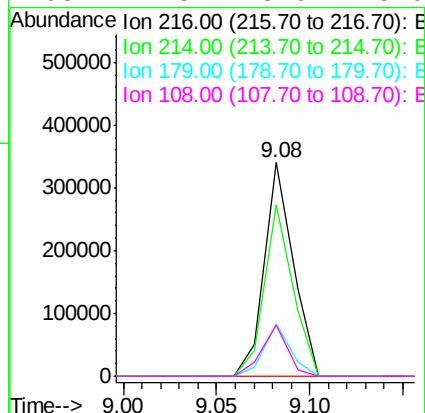
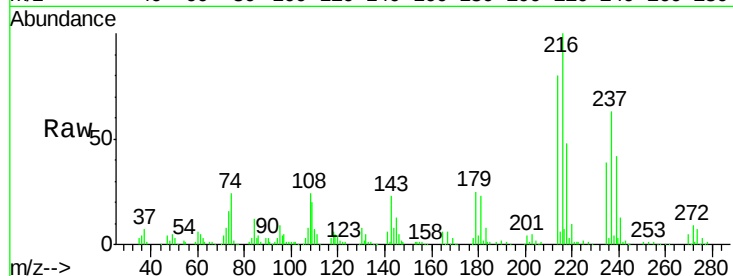
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.45 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
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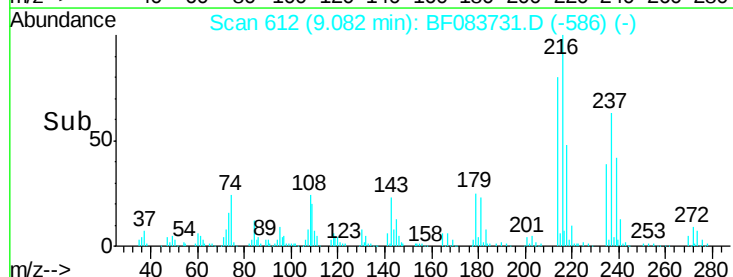
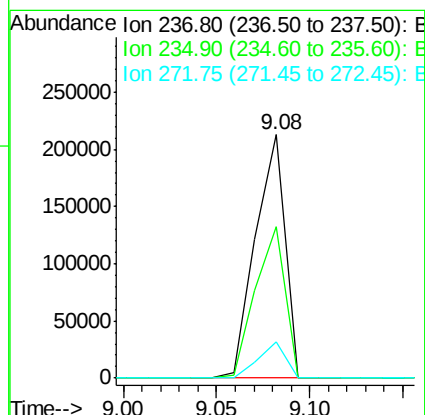
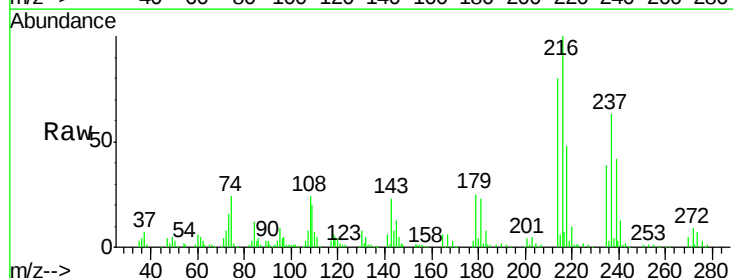
MMdadoda
 12/14/2015 6:23:36 PM

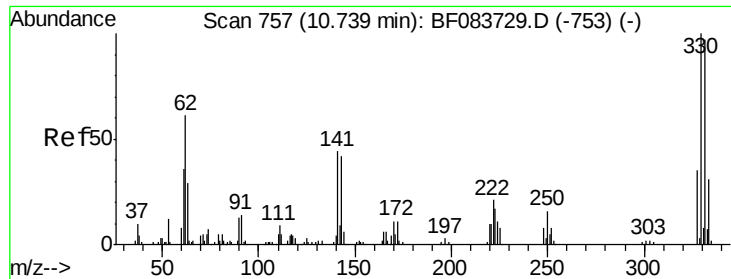
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.8		62.6	93.8	
179	22.4		18.2	27.4	
108	21.5		18.6	28.0	



#40
 Hexachlorocyclopentadiene
 Concen: 60.94 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.2		41.8	81.8	
272	14.8		0.0	34.9	





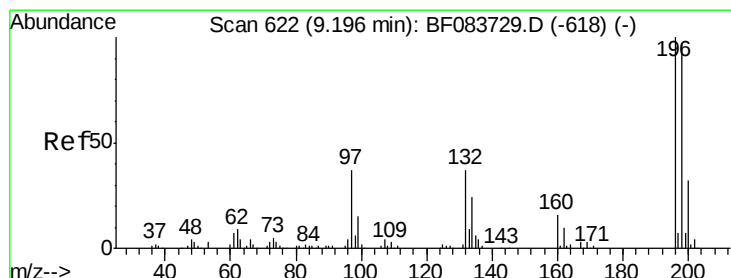
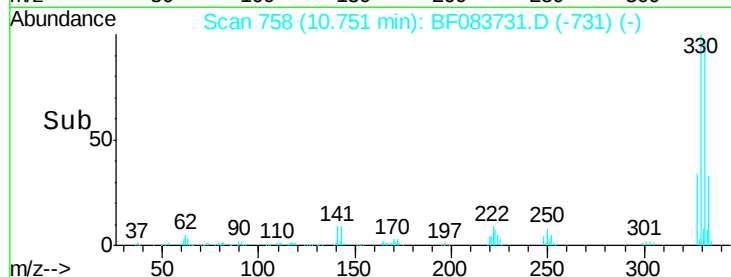
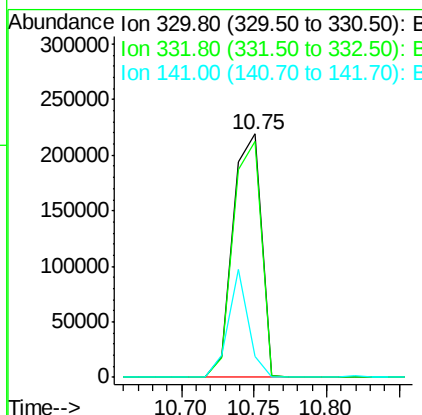
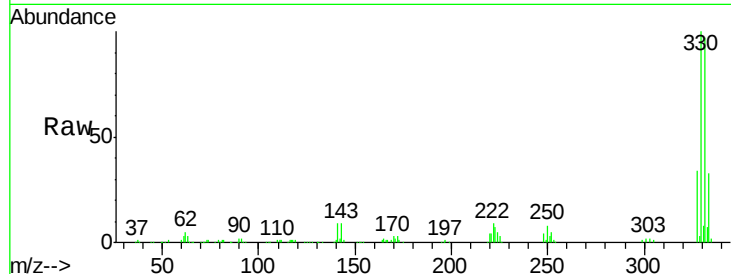
#41
 2,4,6-Tribromophenol
 Concen: 122.42 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.01 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	78.0	117.0	
141	31.4	31.9	47.9	

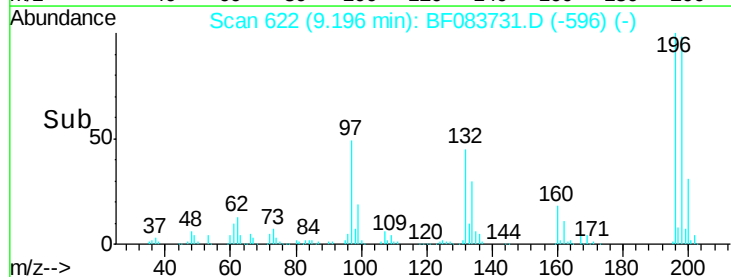
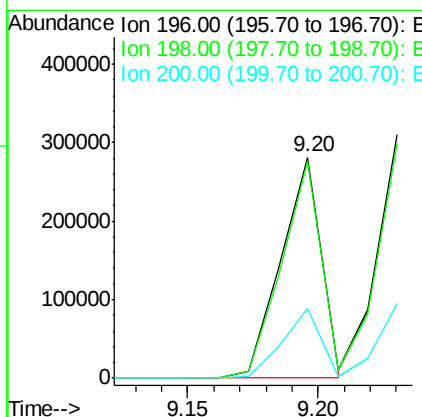
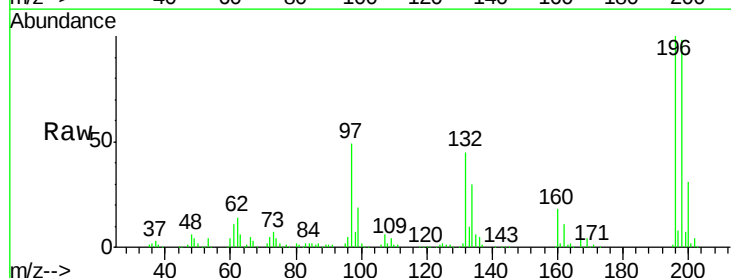
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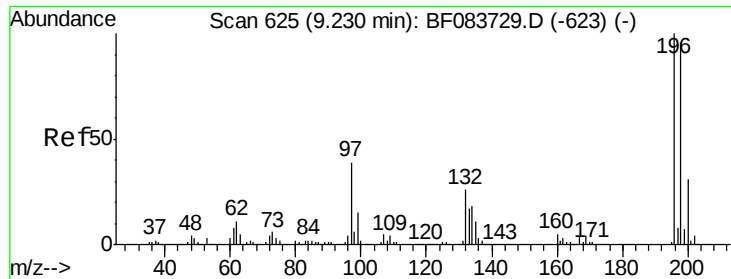
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#42
 2,4,6-Trichlorophenol
 Concen: 55.29 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

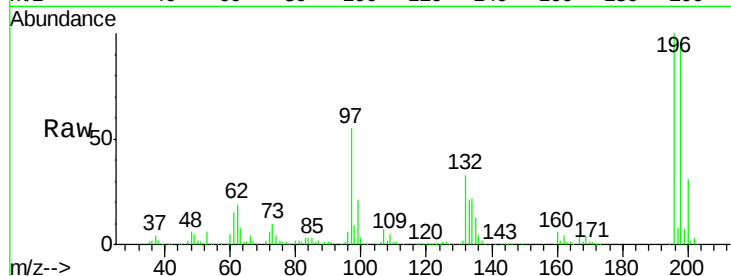
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.1	77.8	116.6	
200	31.3	25.6	38.4	





#43
2,4,5-Trichlorophenol
Concen: 54.41 ng
RT: 9.23 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

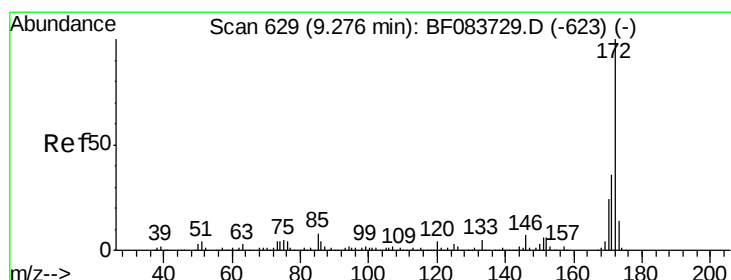
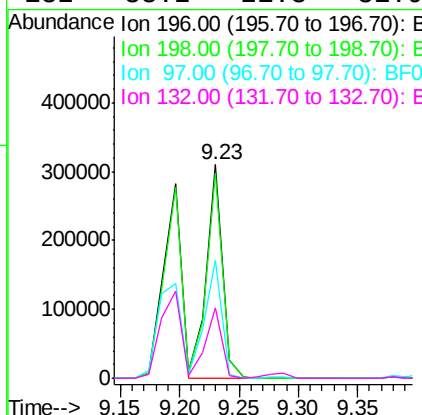
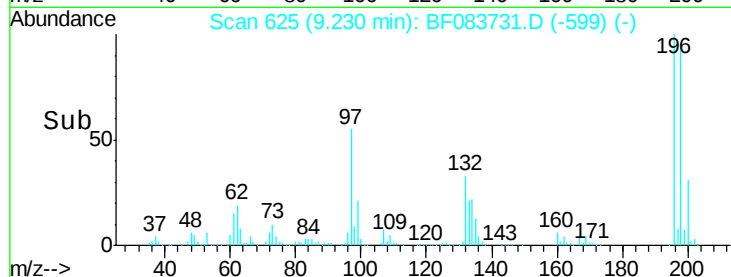
Instrument :
BNA_F
ClientSampleId :
SSTDIC060



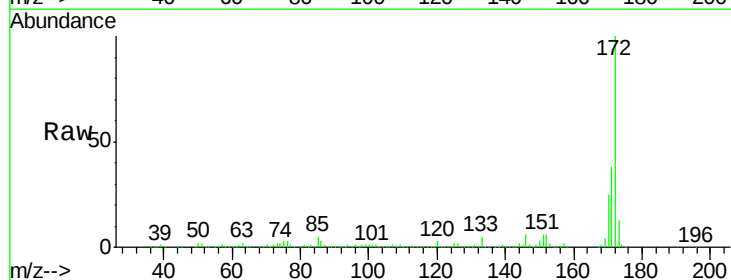
Tot Ion	Ratio	Resp	Lower	Upper
196	100	292671		
198	96.1	77.1	115.7	
97	54.9	32.8	49.2#	
132	33.2	21.3	31.9#	

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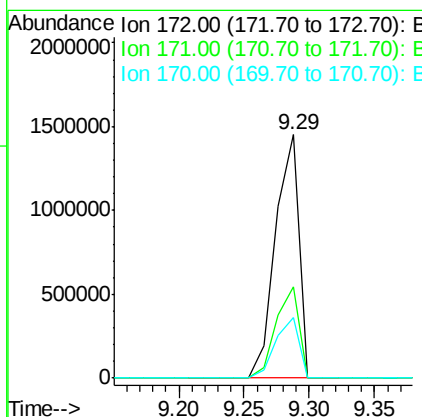
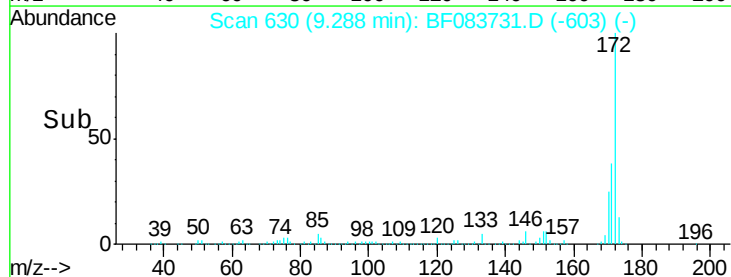
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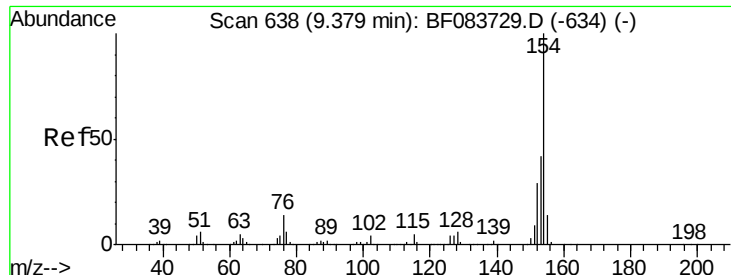


#44
2-Fluorobiphenyl
Concen: 104.67 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1833464		
171	37.7	29.0	43.6	
170	25.0	19.4	29.2	





#45

1,1'-Biphenyl

Concen: 48.35 ng

RT: 9.38 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:154 Resp: 1070543

Ion Ratio Lower Upper

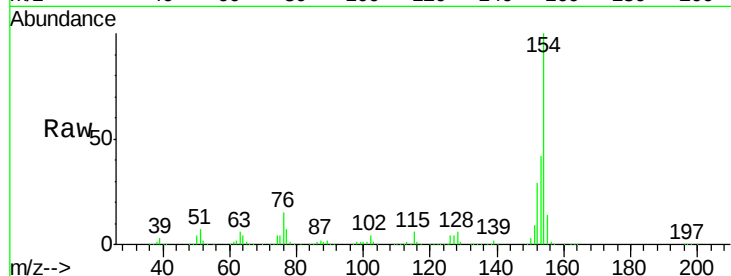
154 100

153 42.1 21.9 61.9

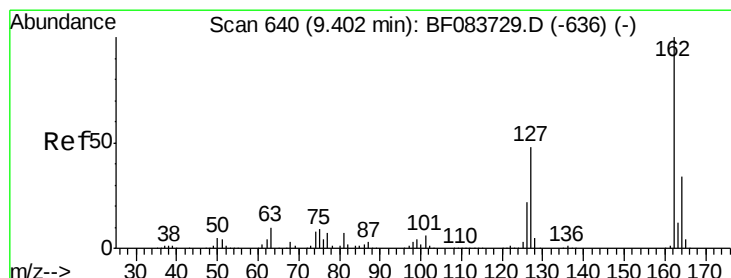
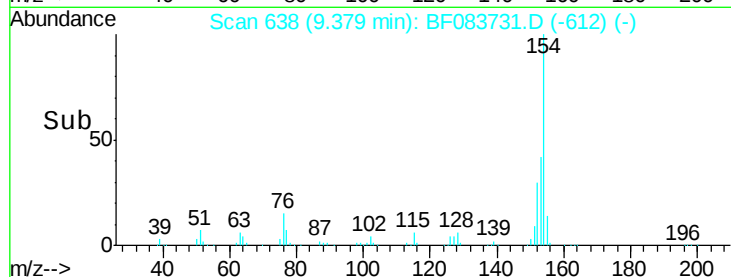
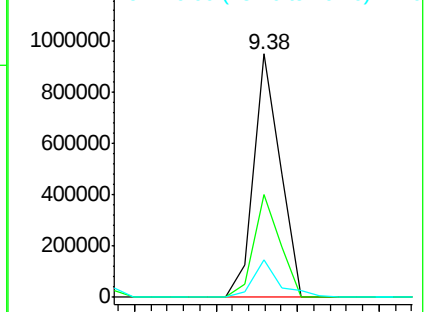
76 15.3 0.0 33.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 51.62 ng

RT: 9.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

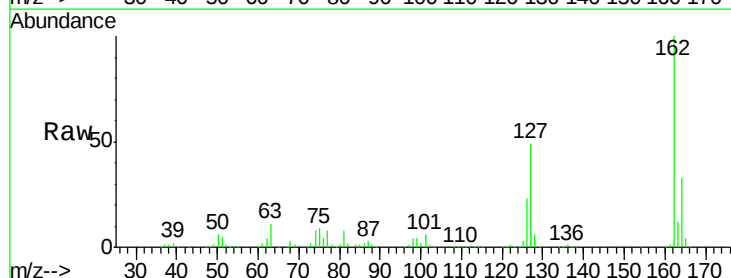
Tgt Ion:162 Resp: 859027

Ion Ratio Lower Upper

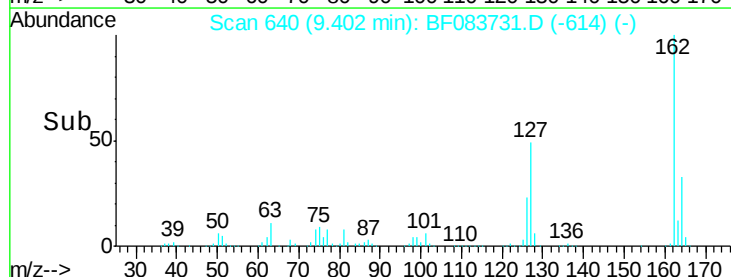
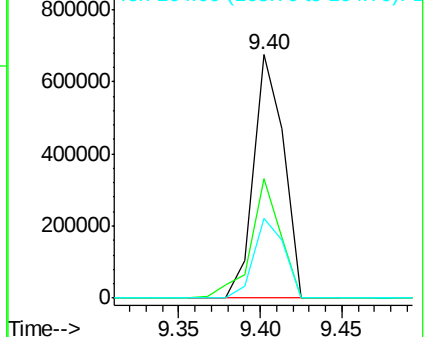
162 100

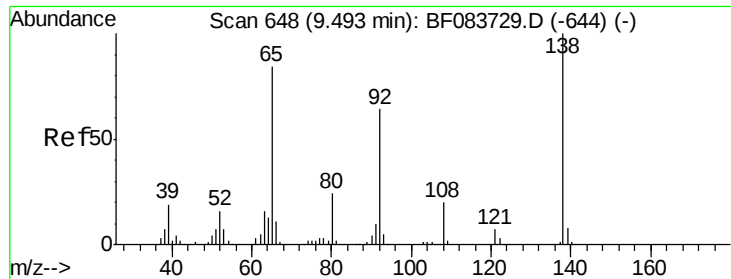
127 49.1 38.8 58.2

164 32.8 26.9 40.3



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





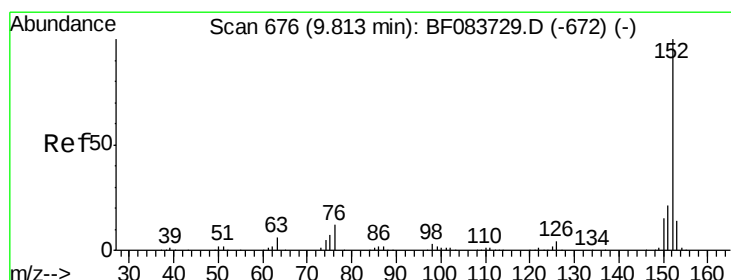
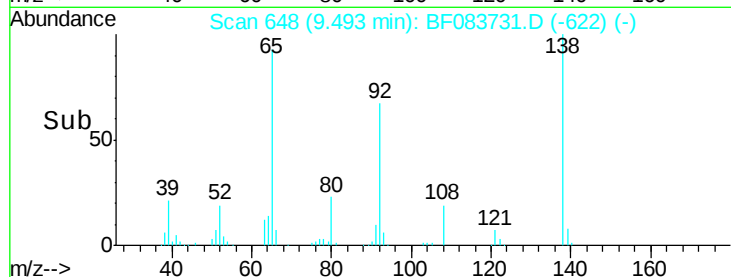
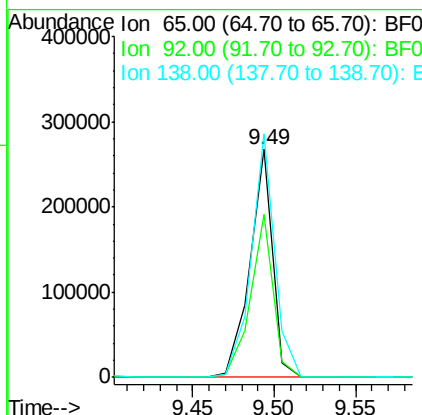
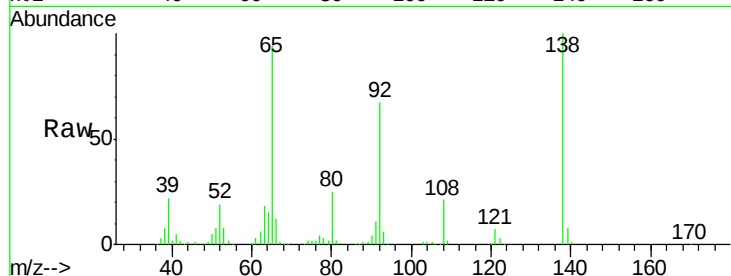
#47
2-Nitroaniline
Concen: 58.29 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
65	100	257990		
92	71.8		61.1	91.7
138	106.8		95.0	142.4

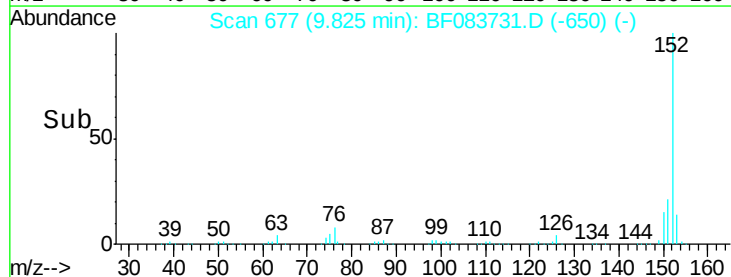
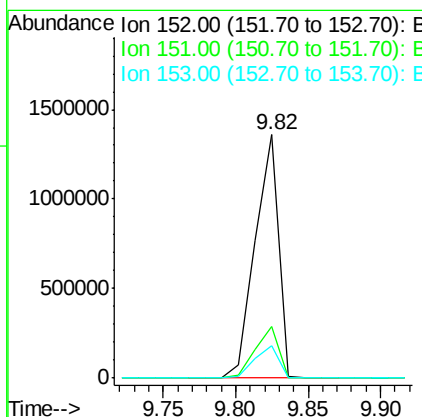
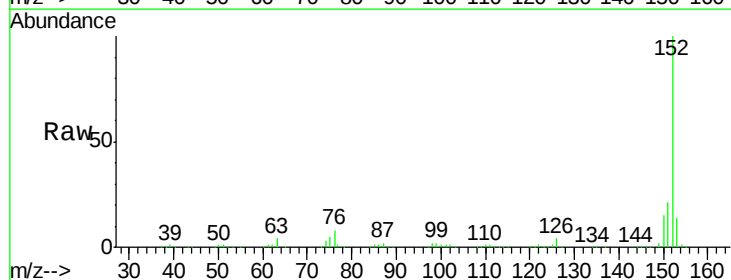
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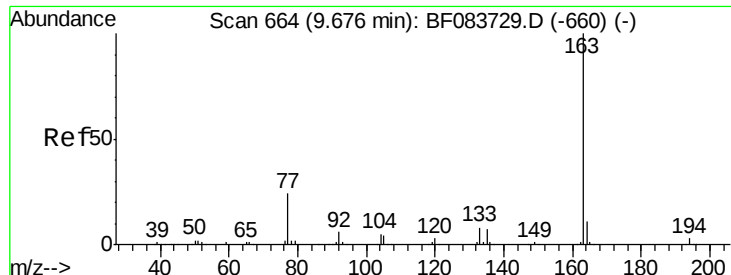
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#48
Acenaphthylene
Concen: 54.48 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1515773		
151	21.2		16.5	24.7
153	13.6		11.1	16.7





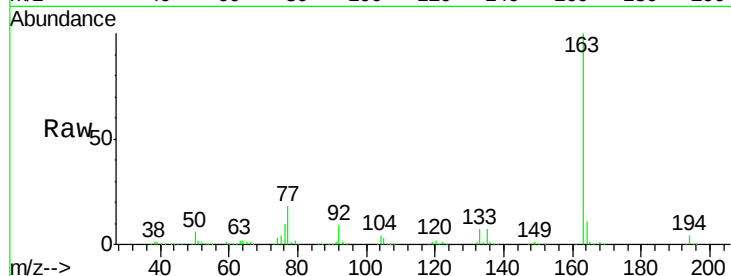
#49
Dimethylphthalate
Concen: 57.83 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

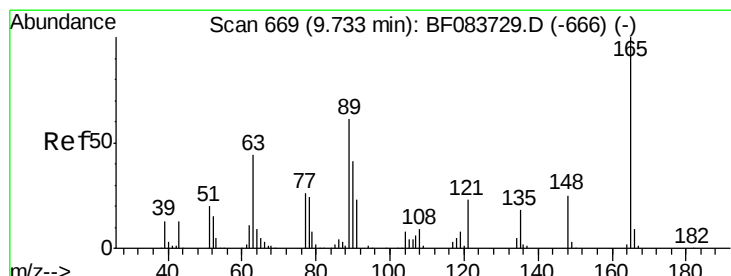
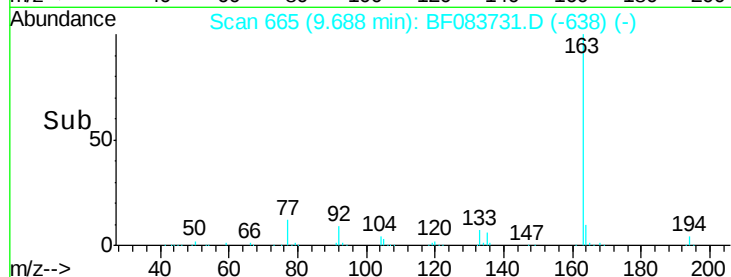
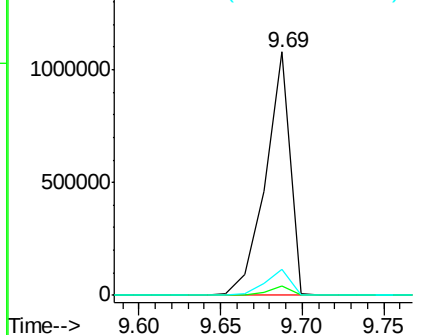
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.5	3.7#
164	10.5	8.7	13.1

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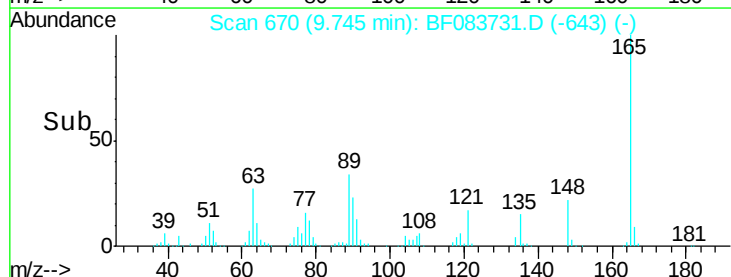
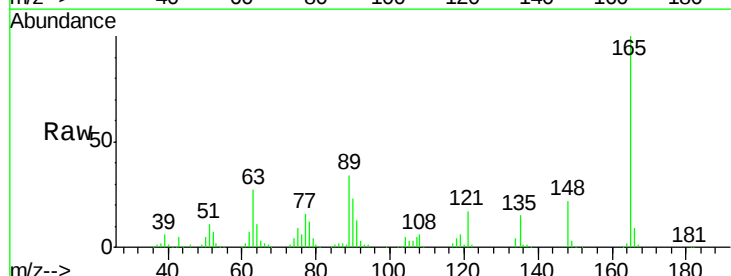
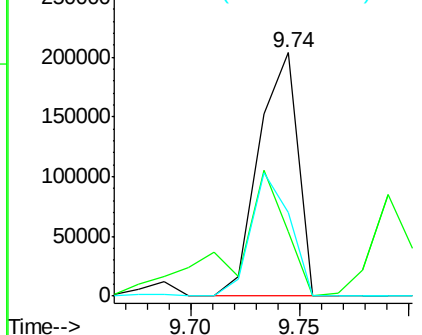
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

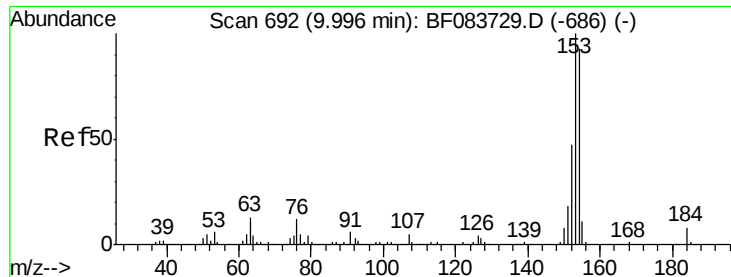


#50
2,6-Dinitrotoluene
Concen: 66.63 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	26.5	47.9	71.9#
89	34.5	49.0	73.6#

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





#51

Acenaphthene

Concen: 56.21 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Instrument :

BNA_F

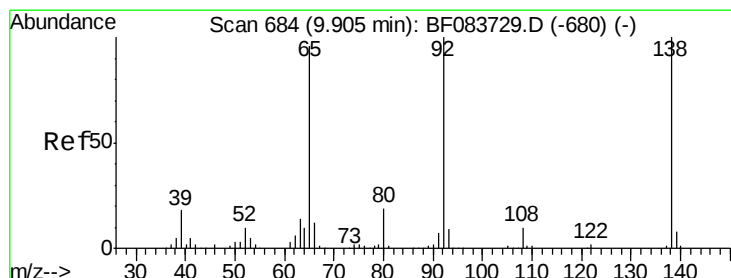
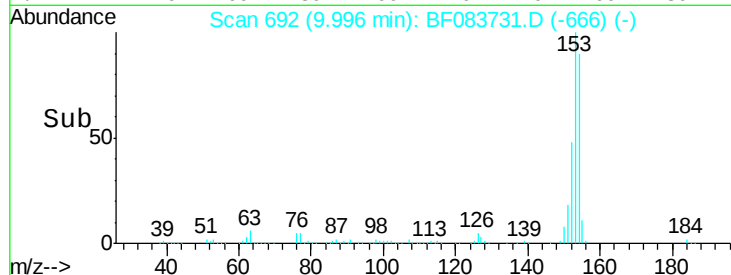
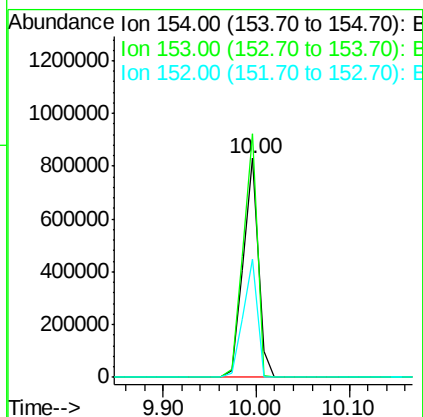
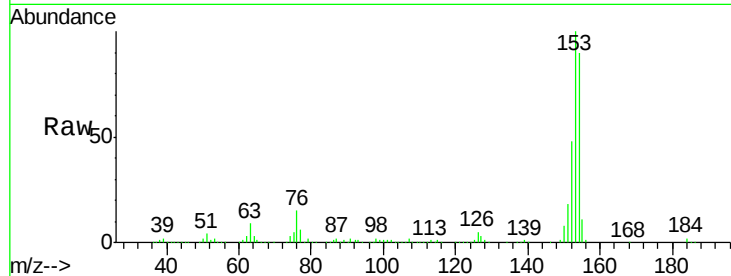
ClientSampleId :

SSTDICC060

Tot Ion:	154	Resp:	936211
Ion Ratio	Lower	Upper	
154	100		
153	111.2	85.8	128.8
152	53.8	40.6	61.0

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#52

3-Nitroaniline

Concen: 53.59 ng

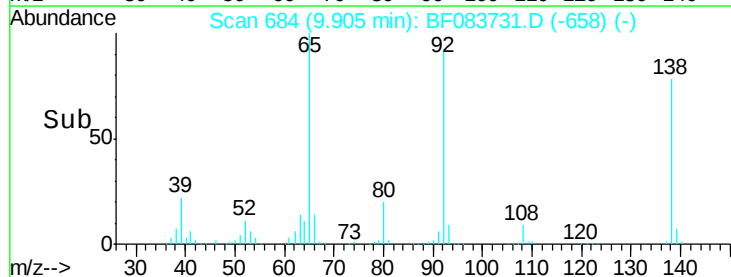
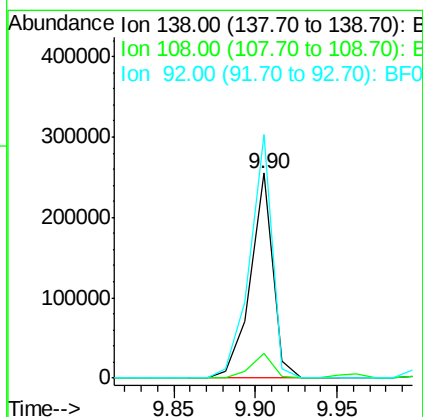
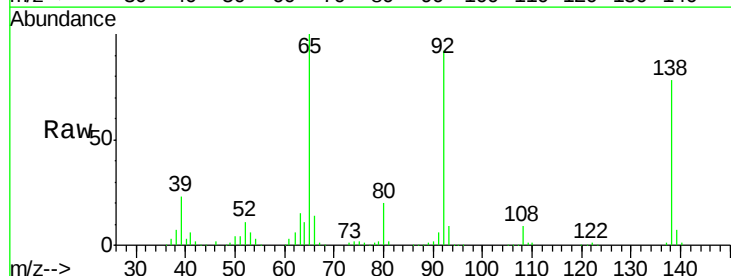
RT: 9.90 min Scan# 684

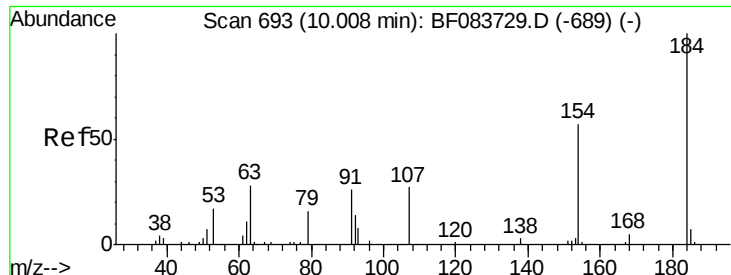
Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Tgt Ion:	138	Resp:	243062
Ion Ratio	Lower	Upper	
138	100		
108	11.9	8.4	12.6
92	118.9	80.2	120.2





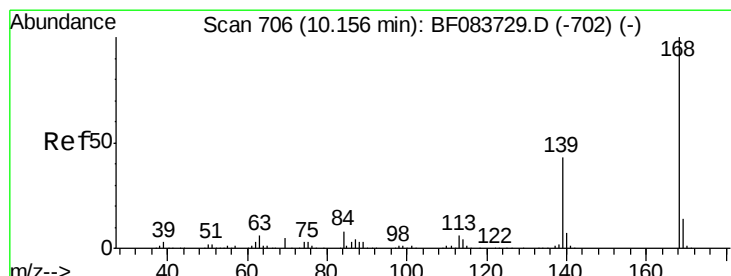
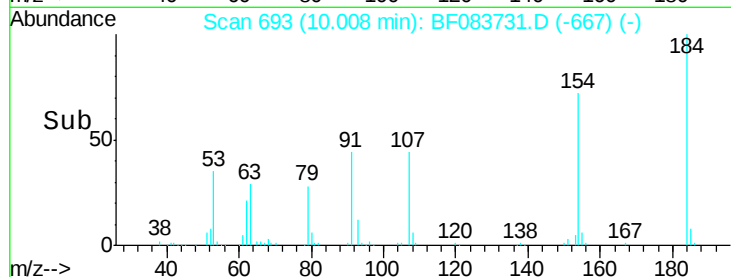
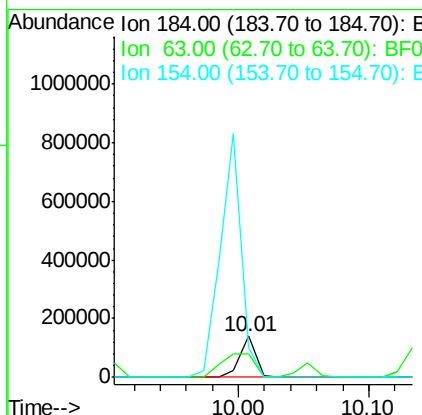
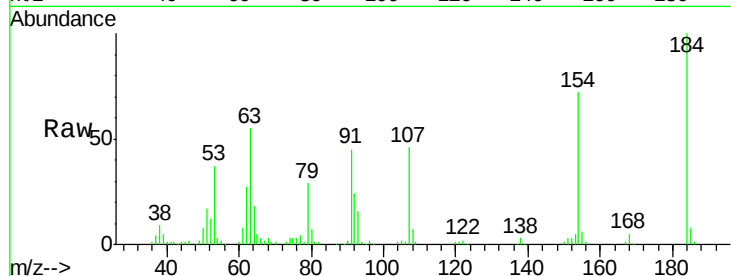
#53
2,4-Dinitrophenol
Concen: 110.60 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	55.5	23.4	35.0	
154	71.8	46.7	70.1	

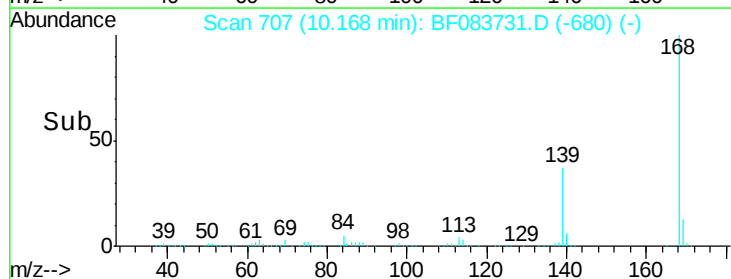
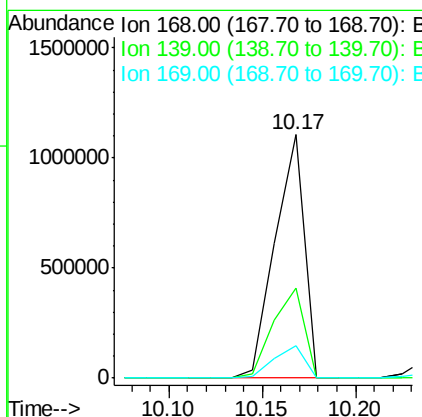
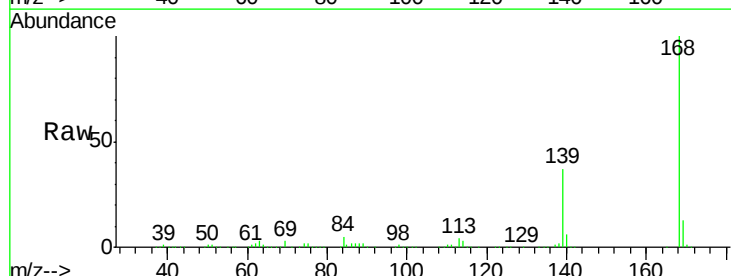
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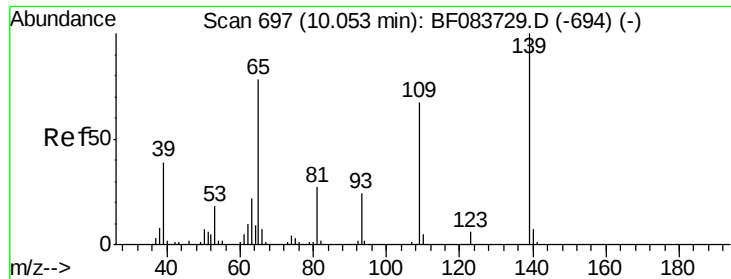
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#54
Dibenzofuran
Concen: 55.08 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.2	34.4	51.6	
169	13.5	11.3	16.9	





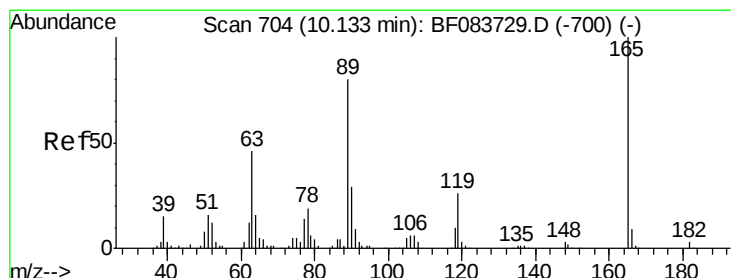
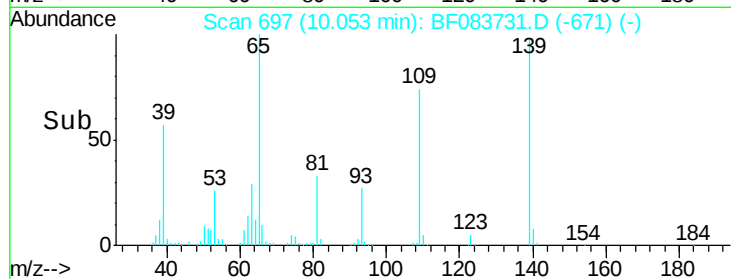
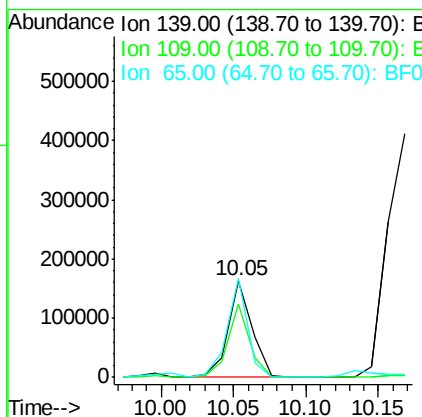
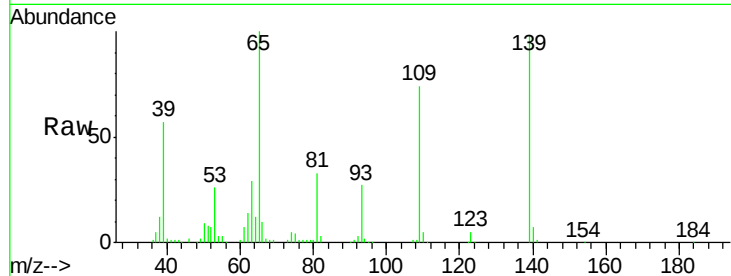
#55
4-Nitrophenol
Concen: 49.82 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	75.6	47.4	87.4	
65	102.5	58.0	98.0	

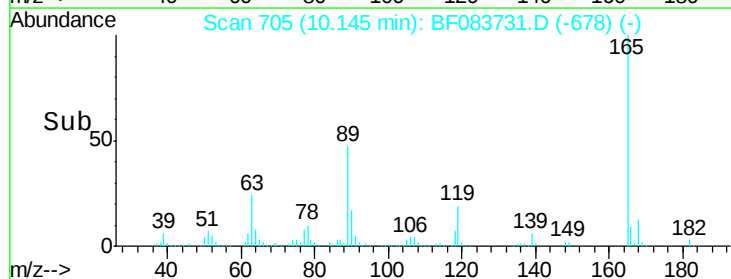
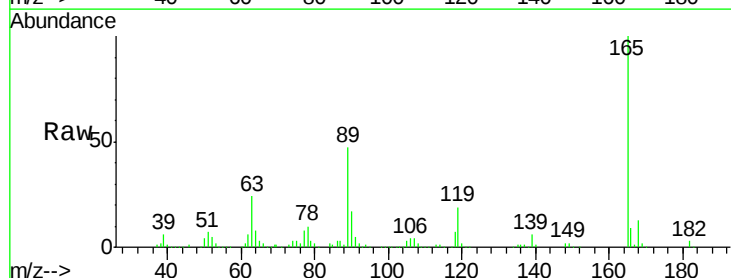
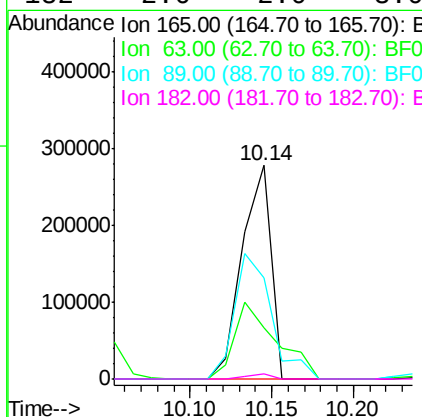
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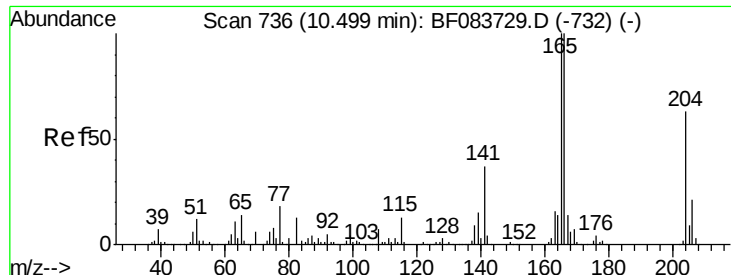
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#56
2,4-Dinitrotoluene
Concen: 69.24 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	23.7	36.8	55.2	
89	47.2	63.8	95.8	
182	2.6	2.0	3.0	





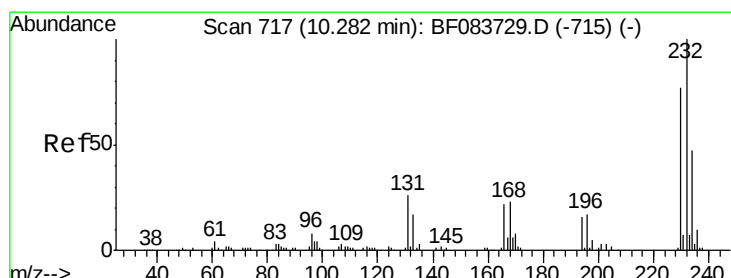
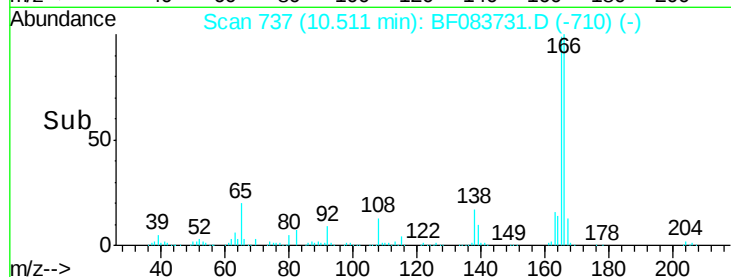
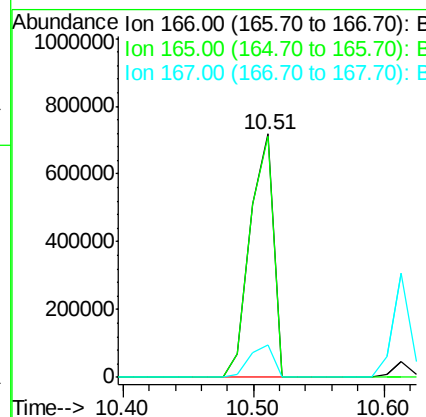
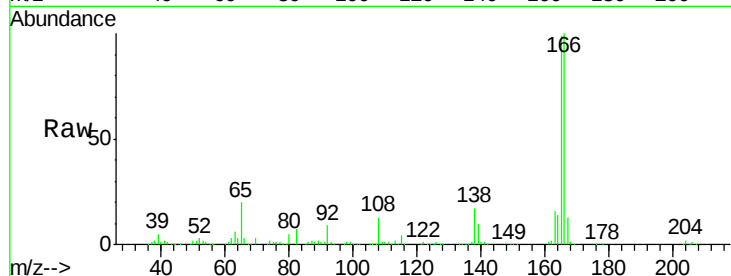
#57
Fluorene
 Concen: 51.88 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.01 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
166	100	893016		
165	99.1	79.7	119.5	
167	13.1	11.2	16.8	

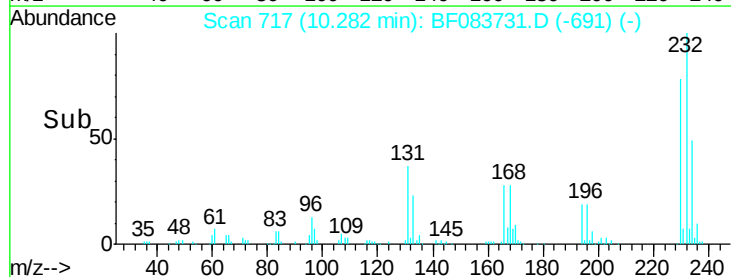
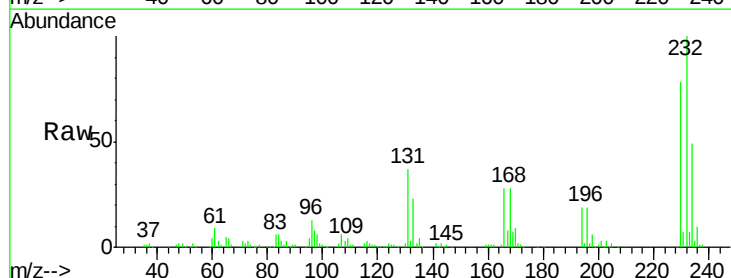
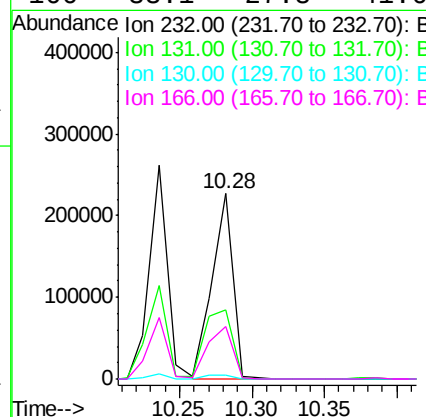
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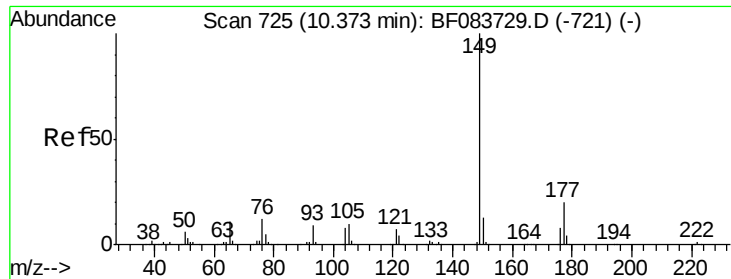
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 58.51 ng
 RT: 10.28 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	227411		
131	49.3	43.0	64.6	
130	2.4	2.0	3.0	
166	33.1	27.8	41.6	





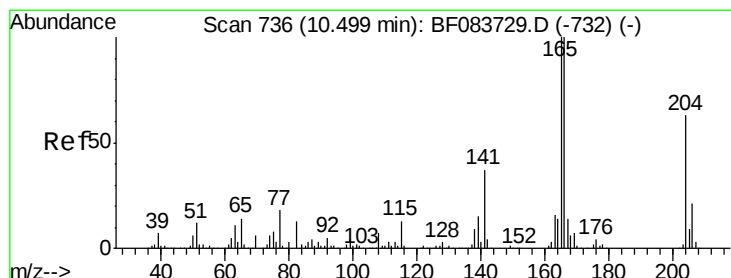
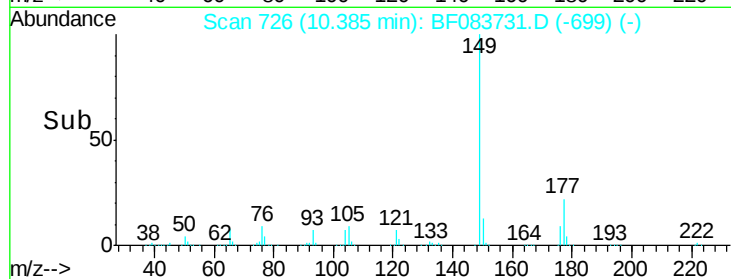
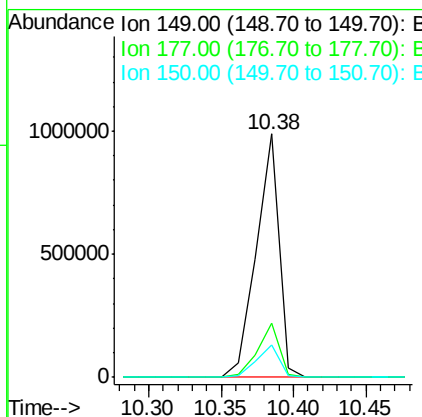
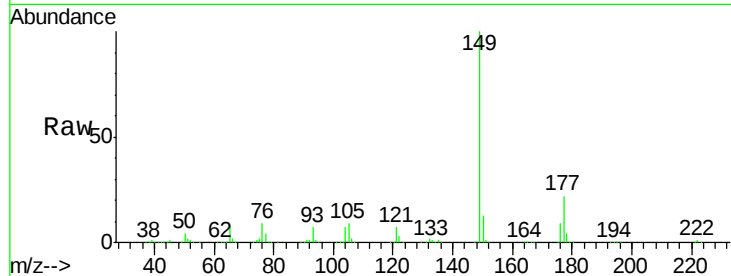
#59
Diethylphthalate
Concen: 57.62 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:149 Resp: 1079384
Ion Ratio Lower Upper
149 100
177 22.3 15.7 23.5
150 13.1 10.6 15.8

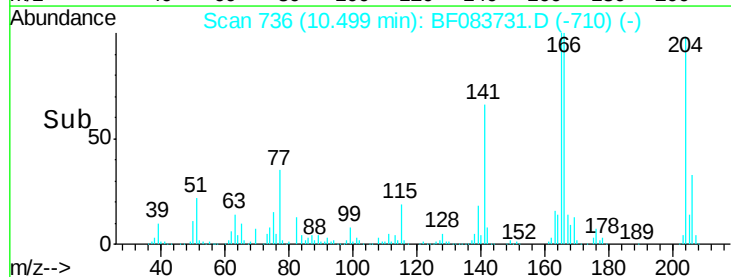
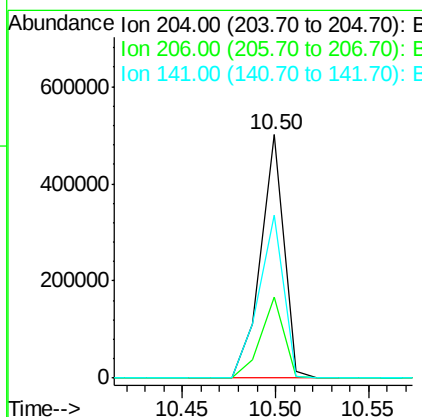
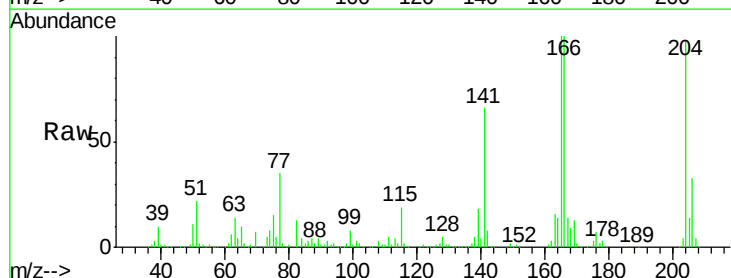
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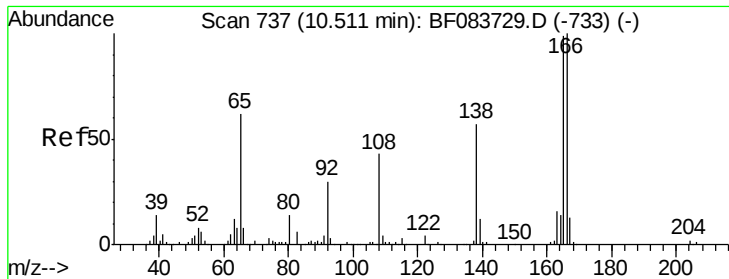
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#60
4-Chlorophenyl-phenylether
Concen: 51.37 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Tgt Ion:204 Resp: 429316
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 67.0 47.5 71.3





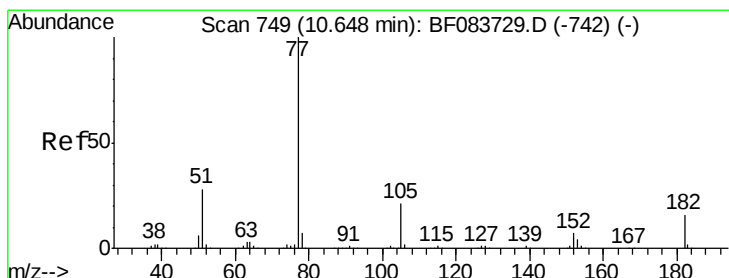
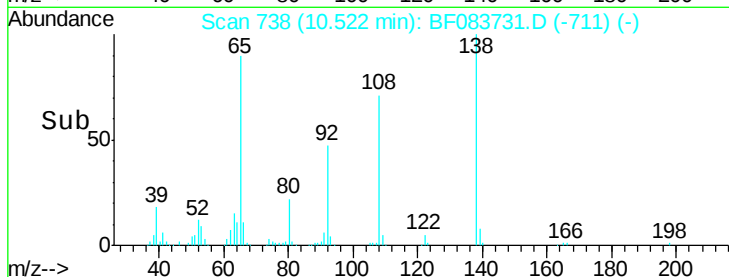
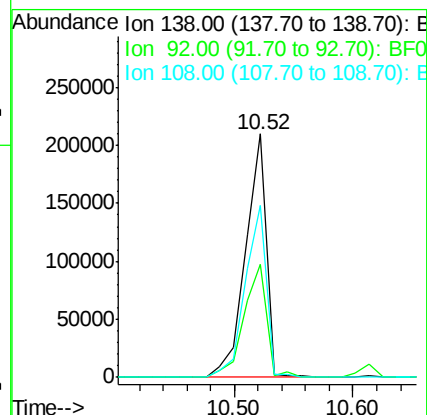
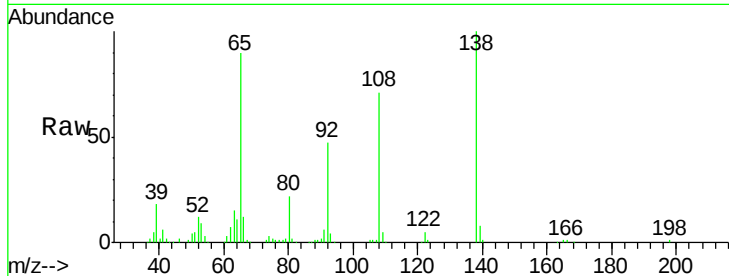
#61
4-Nitroaniline
Concen: 62.76 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
138	100	255346		
92	46.5	32.0	72.0	
108	70.7	54.3	94.3	

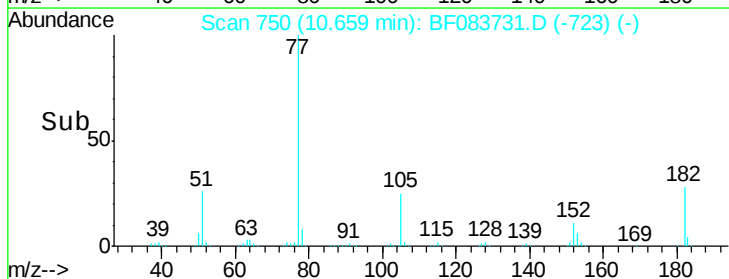
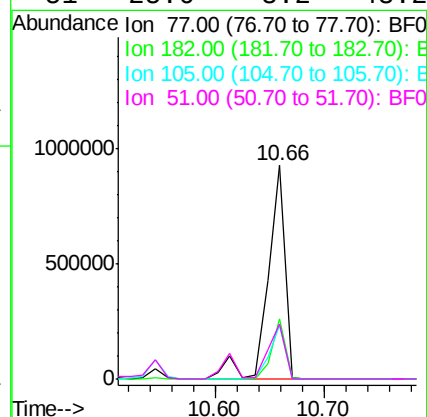
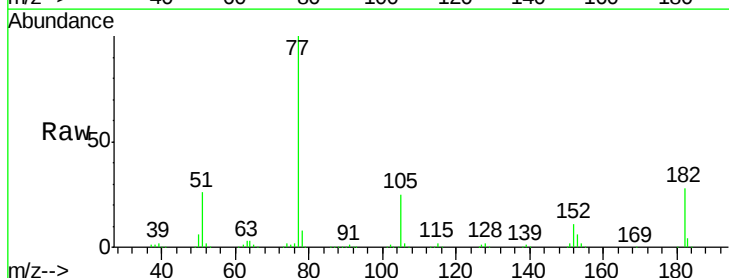
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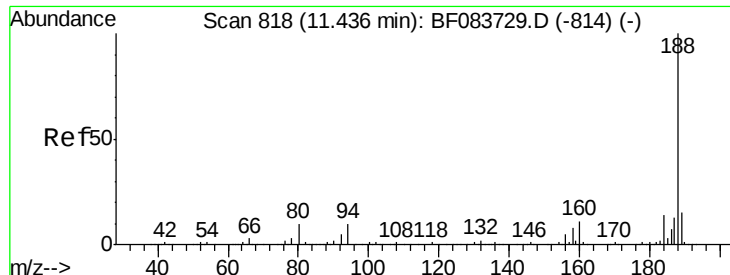
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#62
Azobenzene
Concen: 57.87 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1041196		
182	28.0	0.0	35.6	
105	25.5	1.4	41.4	
51	25.6	8.2	48.2	





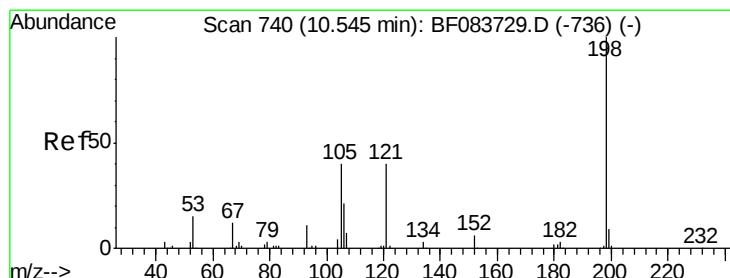
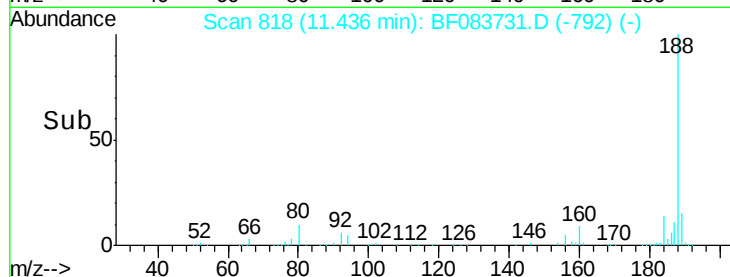
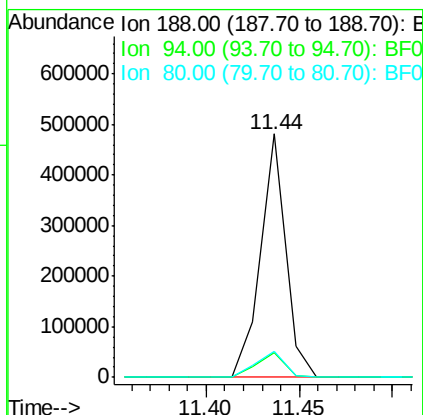
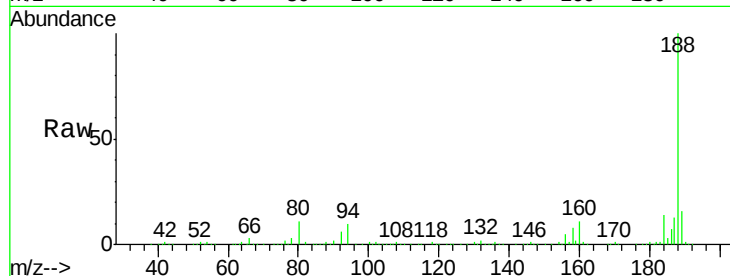
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
188	100	447542		
94	10.4		7.6	11.4
80	10.7		8.3	12.5

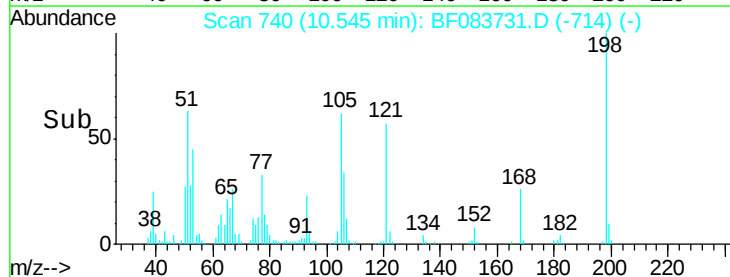
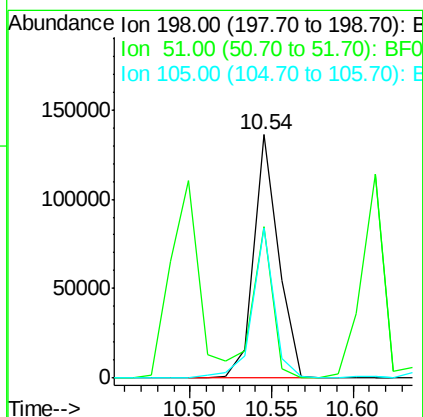
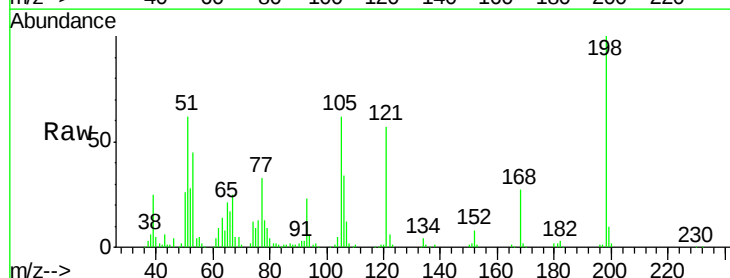
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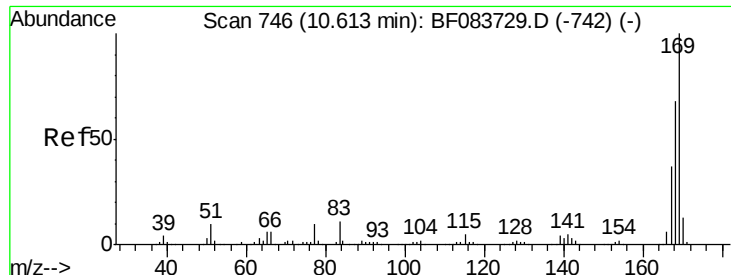
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#64
4,6-Dinitro-2-methylphenol
Concen: 86.41 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	143130		
51	62.2		9.0	49.0#
105	61.9		20.7	60.7#





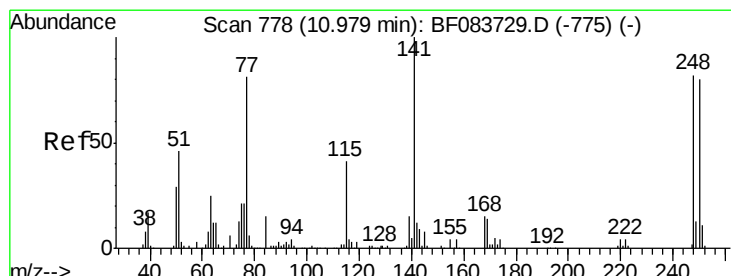
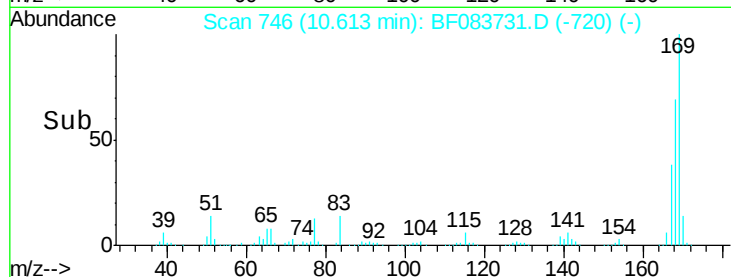
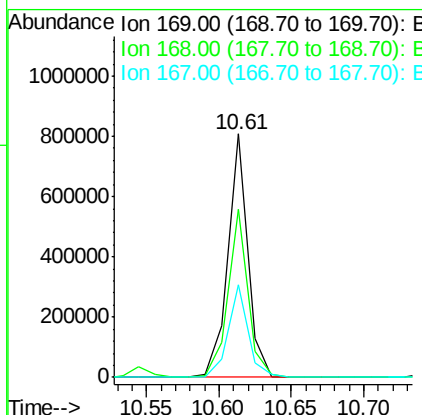
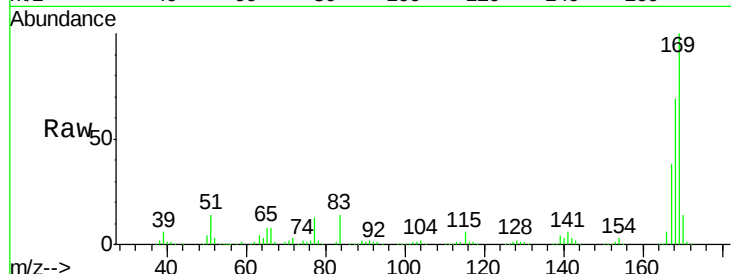
#65
n-Nitrosodiphenylamine
Concen: 50.71 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.8	54.6	82.0
167	38.2	30.0	45.0

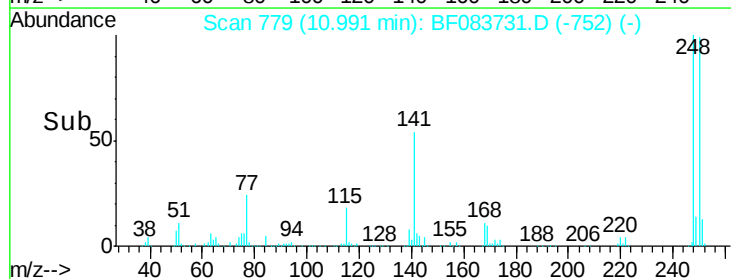
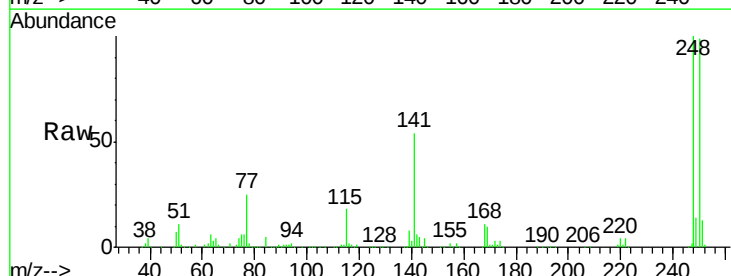
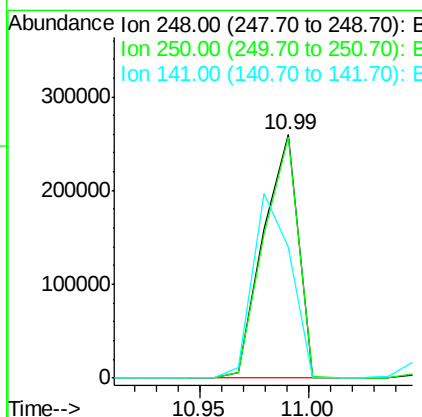
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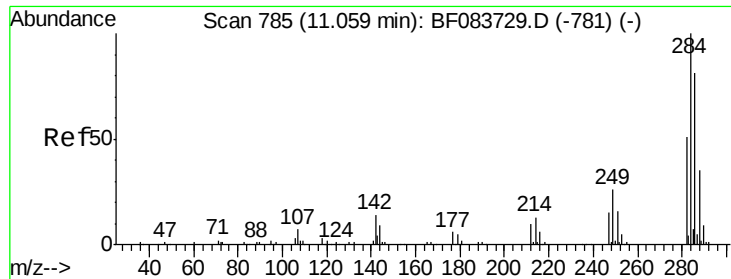
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#66
4-Bromophenyl-phenylether
Concen: 60.25 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.4	116.2
141	53.6	97.1	145.7#





#67

Hexachlorobenzene

Concen: 60.40 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Instrument :

BNA_F

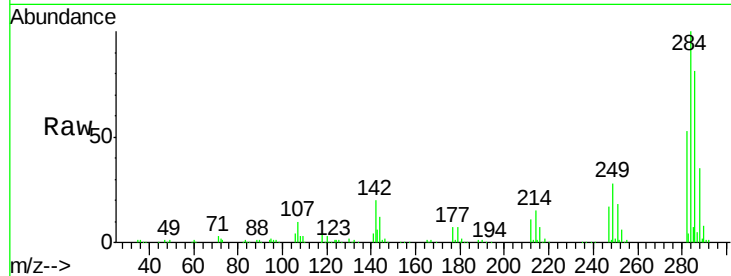
ClientSampleId :

SSTDICC060

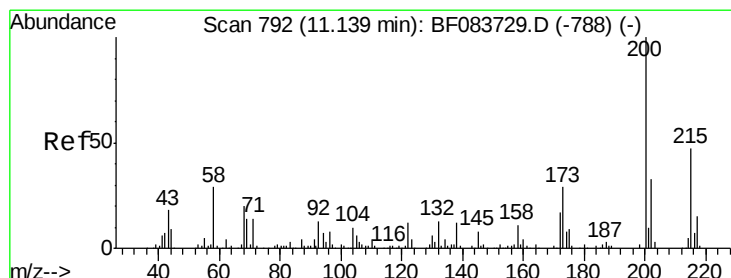
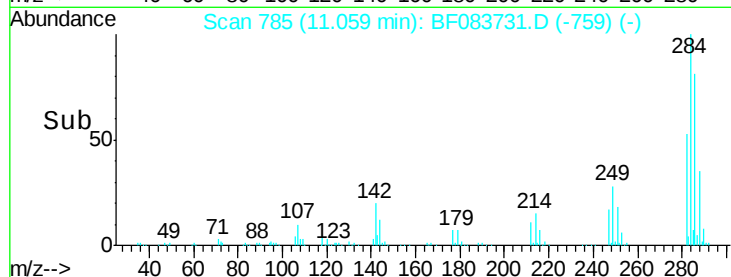
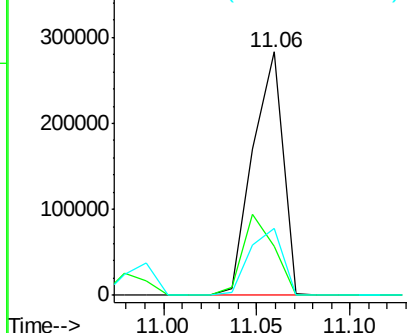
Tot Ion:	284	Resp:	317241
Ion Ratio	Lower	Upper	
284	100		
142	20.2	11.1	16.7#
249	27.8	20.6	30.8

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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: 51.02 ng

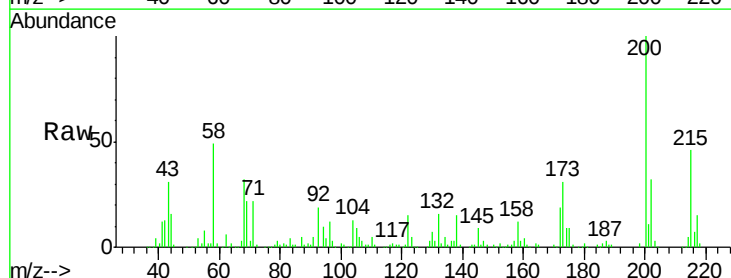
RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

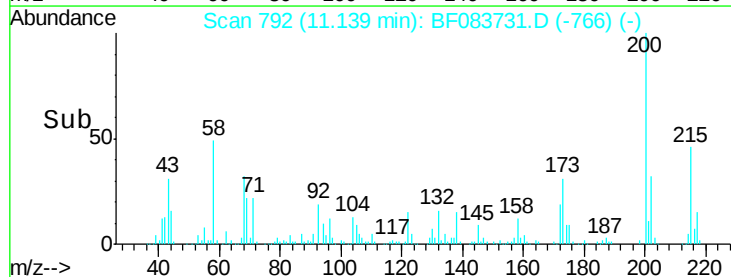
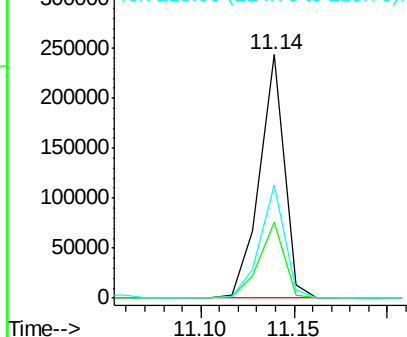
Lab File: BF083731.D

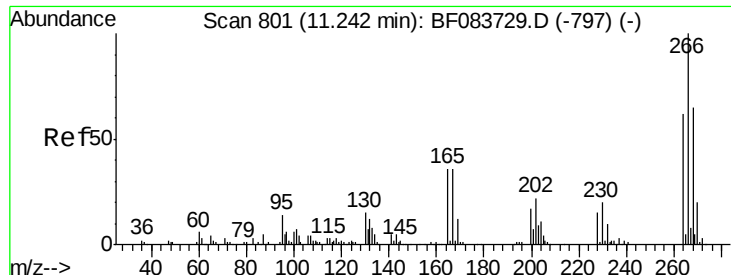
Acq: 13 Dec 2015 16:09

Tgt Ion:	200	Resp:	224107
Ion Ratio	Lower	Upper	
200	100		
173	31.2	8.5	48.5
215	46.4	26.9	66.9



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





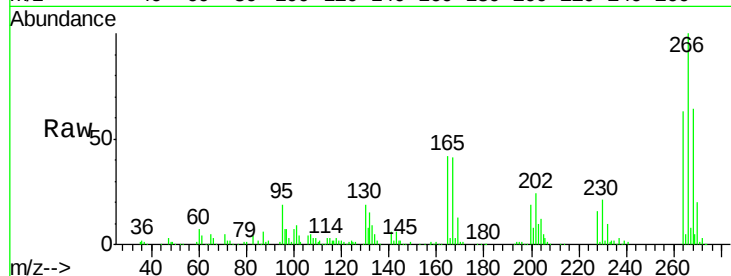
#69
 Pentachlorophenol
 Concen: 64.40 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

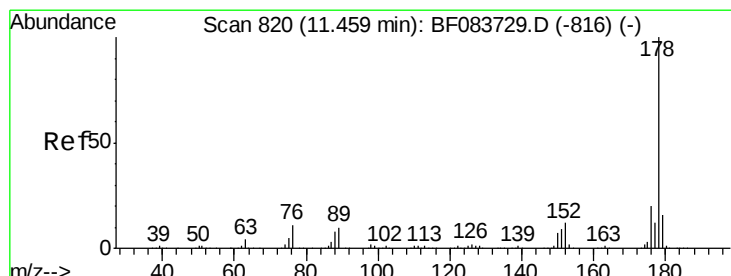
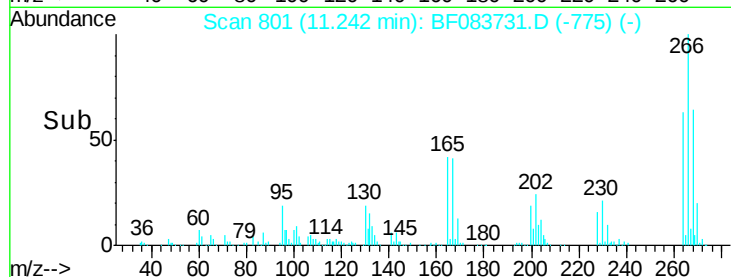
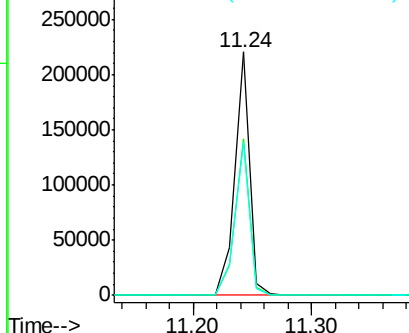
Tot Ion	Ratio	Resp	Lower	Upper
266	100	190812		
268	64.4	51.8	77.8	
264	62.5	49.4	74.2	

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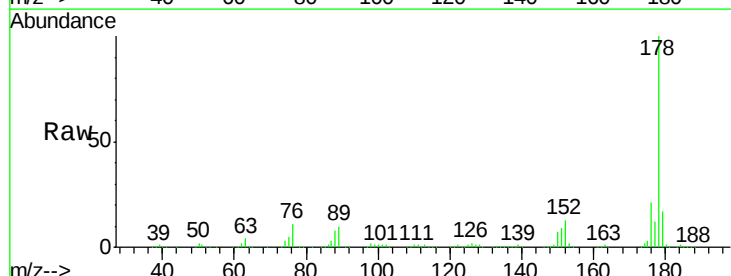


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

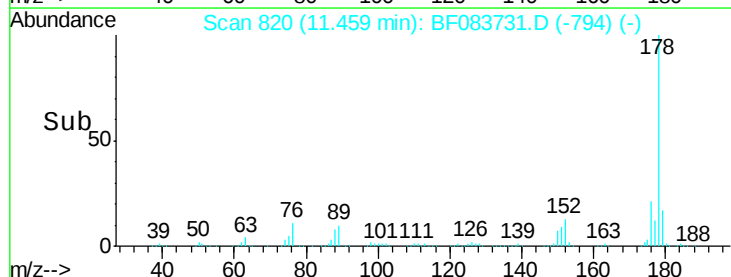
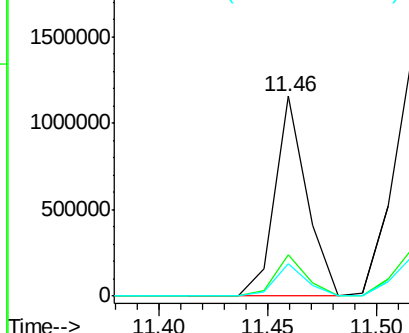


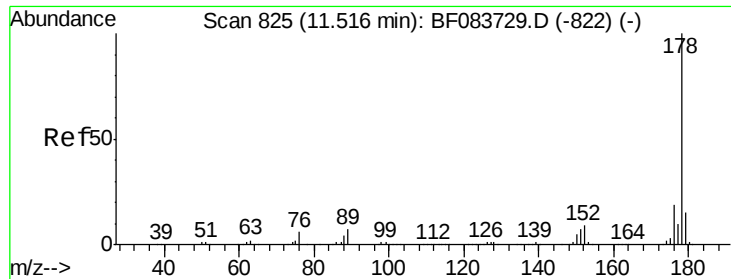
#70
 Phenanthrene
 Concen: 49.29 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1189861		
176	20.7	16.1	24.1	
179	16.5	12.9	19.3	



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: 53.26 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

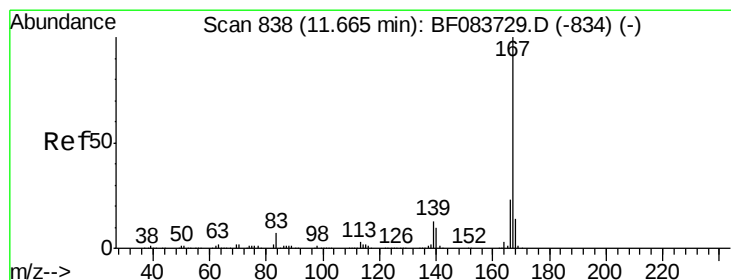
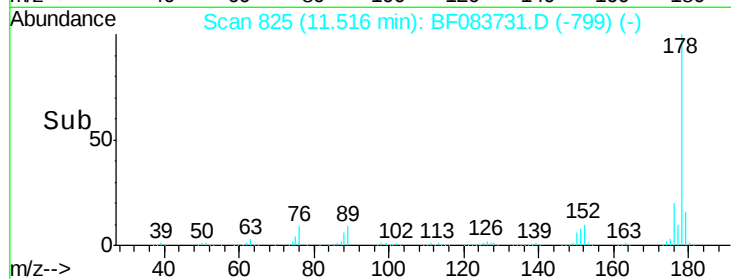
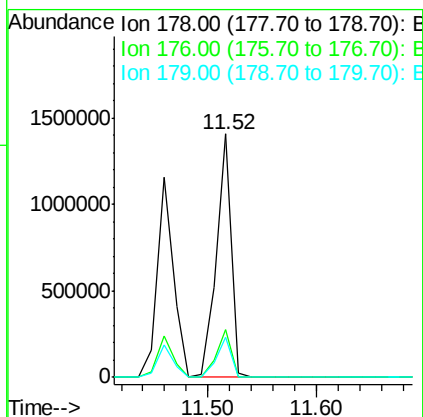
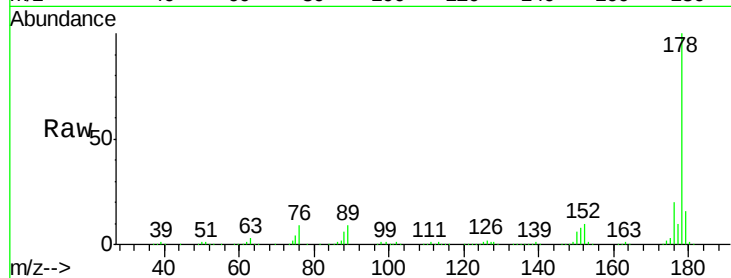
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:178 Resp: 1361455

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.2	22.8
179	16.4	12.3	18.5

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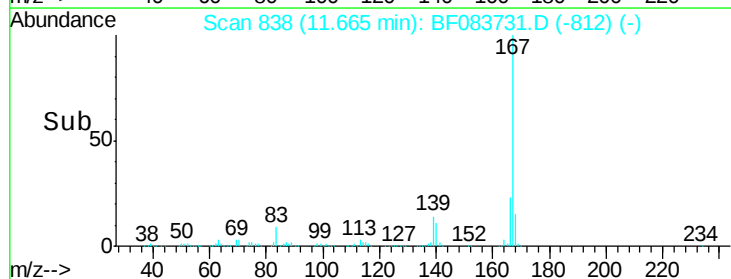
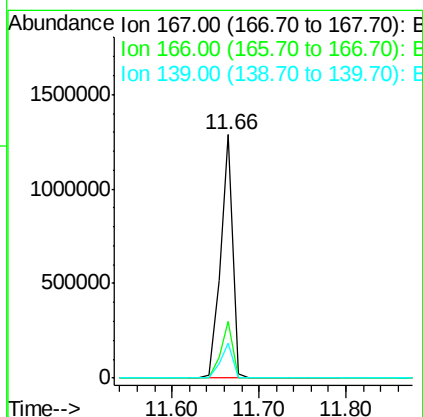
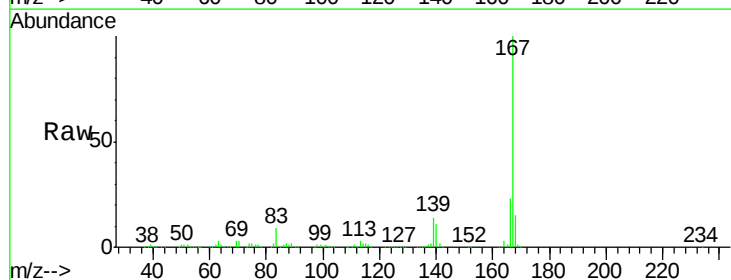
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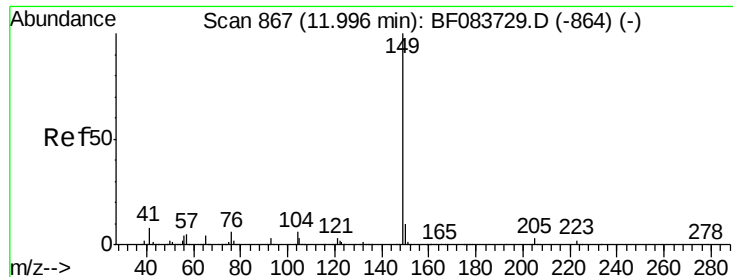


#72
 Carbazole
 Concen: 53.66 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Tgt Ion:167 Resp: 1272966

Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.0	27.0
139	14.4	10.2	15.4





#73

Di-n-butylphthalate

Concen: 59.77 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1525853

Ion Ratio Lower Upper

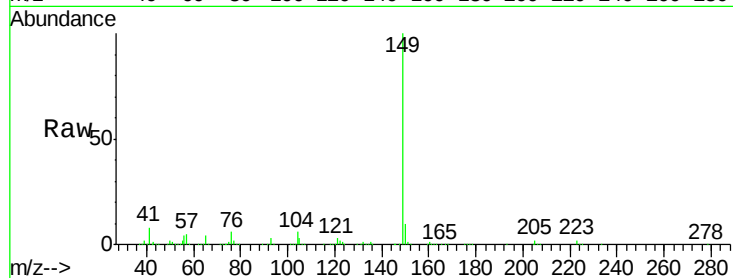
149 100

150 10.0 7.8 11.6

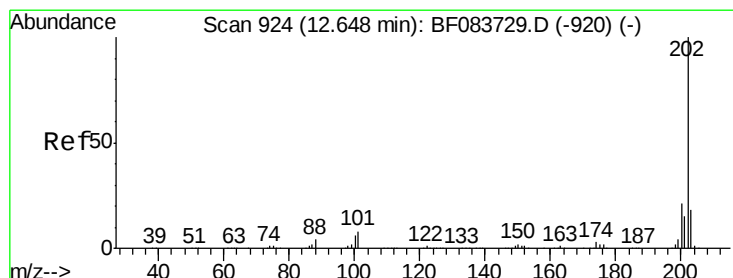
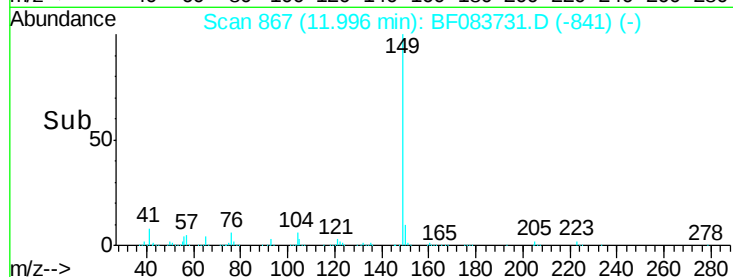
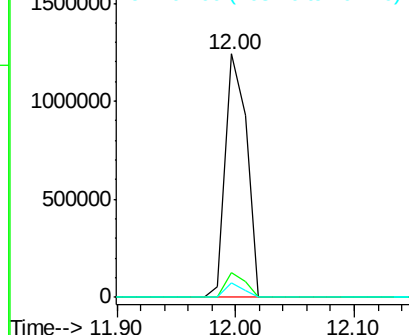
104 5.8 4.6 6.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 52.66 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

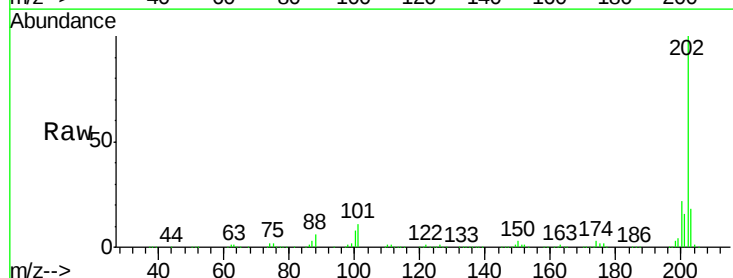
Tgt Ion:202 Resp: 1369465

Ion Ratio Lower Upper

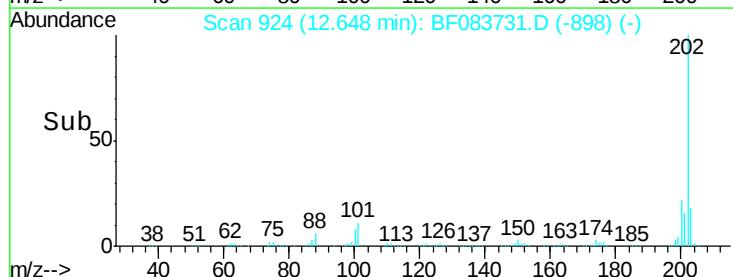
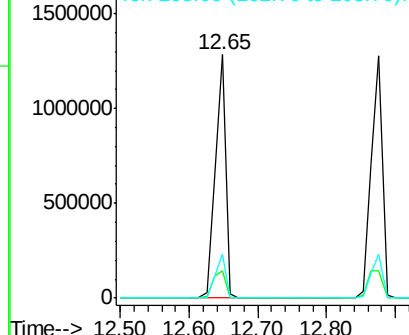
202 100

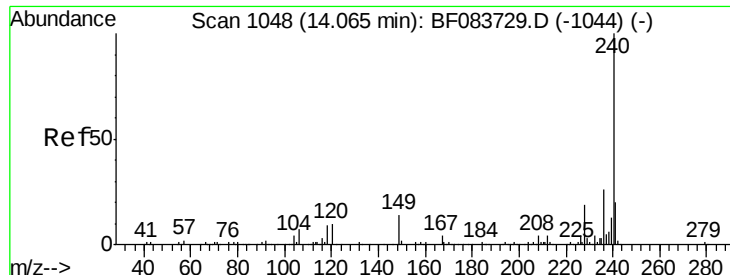
101 11.1 0.0 28.2

203 18.2 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Instrument :

BNA_F

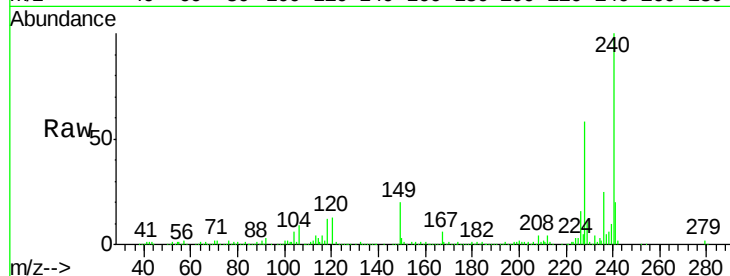
ClientSampleId :

SSTDICC060

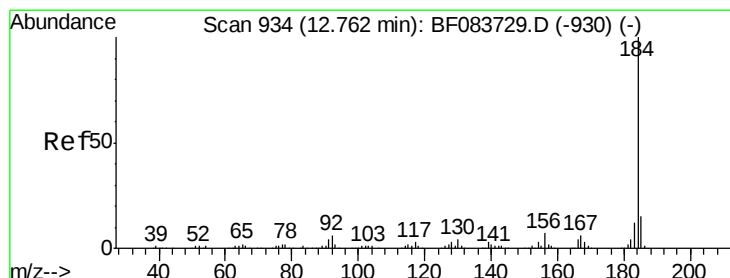
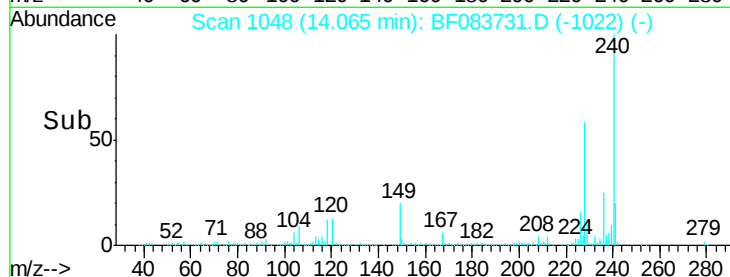
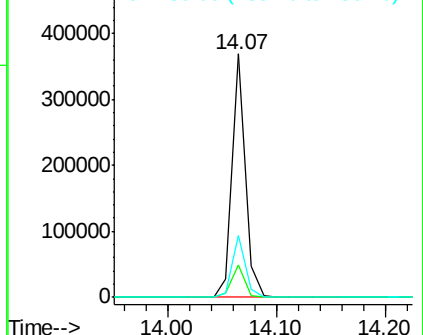
Tot Ion:	240	Resp:	309434
Ion Ratio		Lower	Upper
240	100		
120	13.4	8.4	12.6#
236	25.4	20.6	31.0

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.78 ng

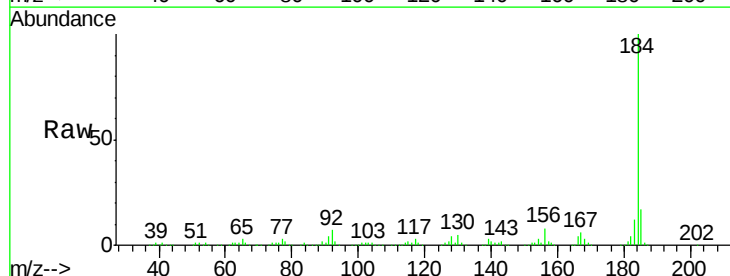
RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

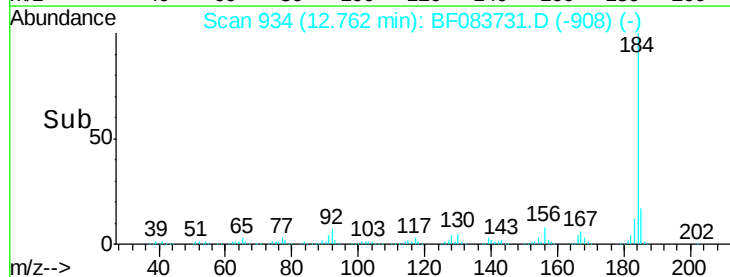
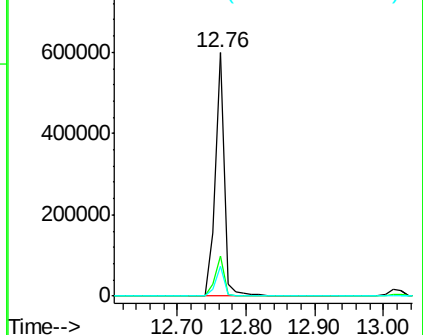
Lab File: BF083731.D

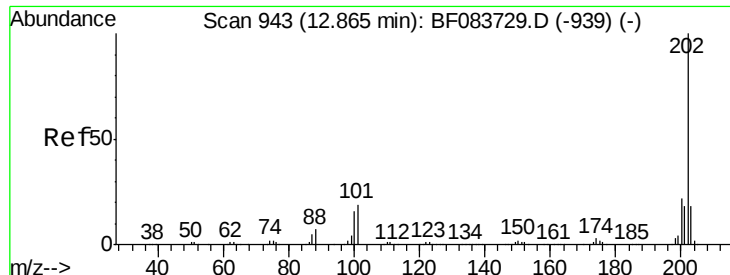
Acq: 13 Dec 2015 16:09

Tgt Ion:	184	Resp:	559841
Ion Ratio		Lower	Upper
184	100		
185	16.6	12.2	18.4
183	12.3	9.5	14.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





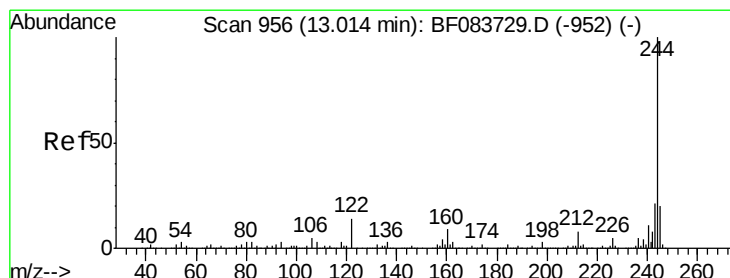
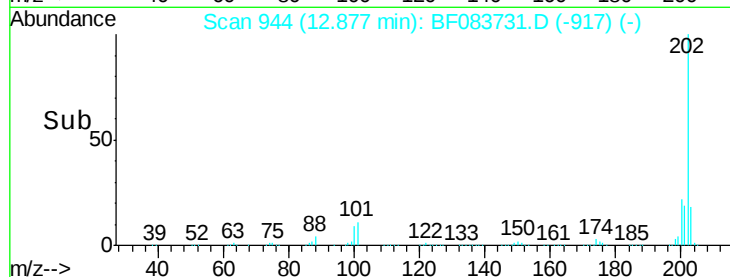
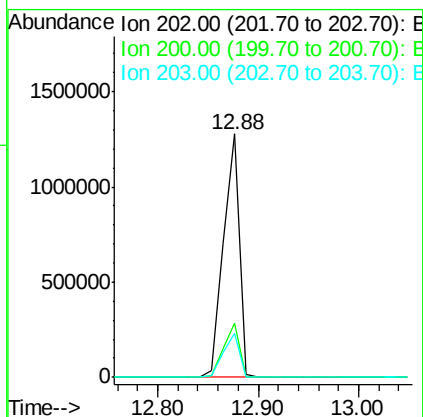
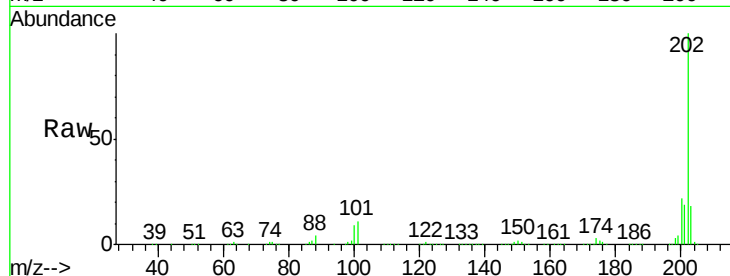
#77
Pvrene
Concen: 56.90 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	18.3	14.7	22.1

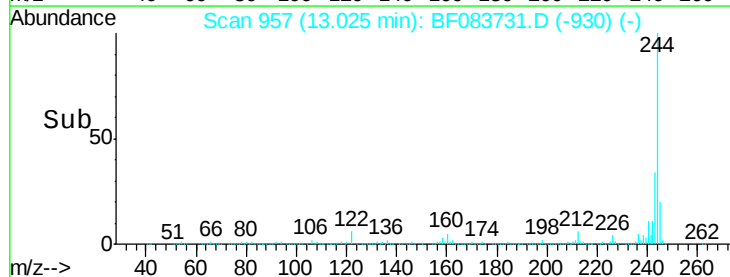
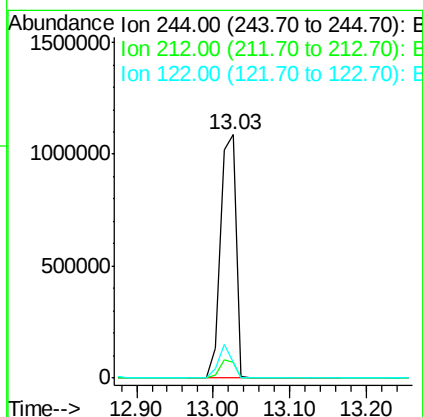
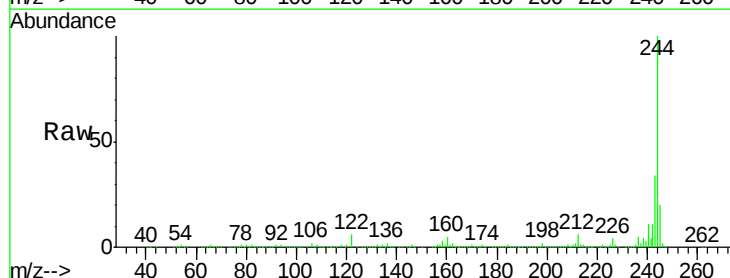
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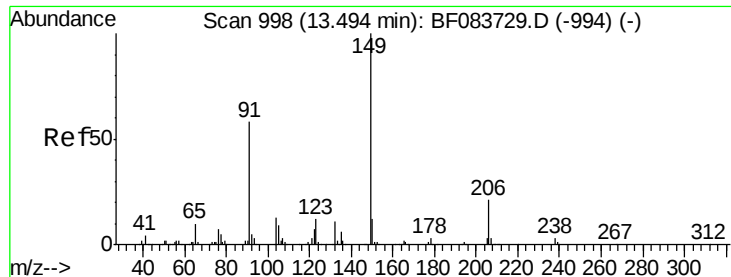
MMdadoda
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#78
Terphenyl-d14
Concen: 112.48 ng
RT: 13.03 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.2	9.2
122	6.3	11.6	17.4#





#79

Butylbenzylphthalate

Concen: 73.09 ng

RT: 13.49 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF083731.D

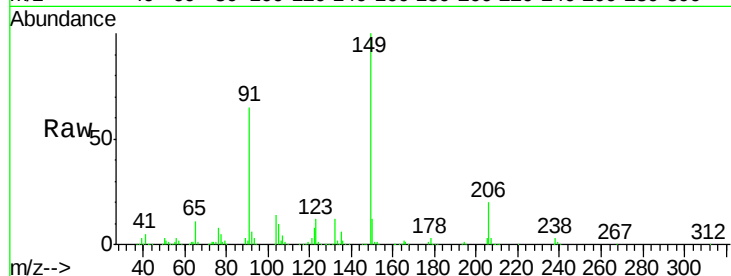
Acq: 13 Dec 2015 16:09

Instrument :

BNA_F

ClientSampleId :

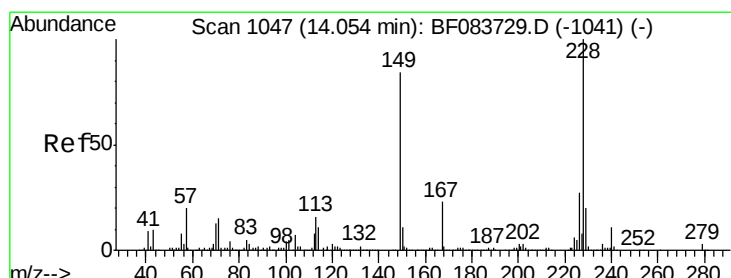
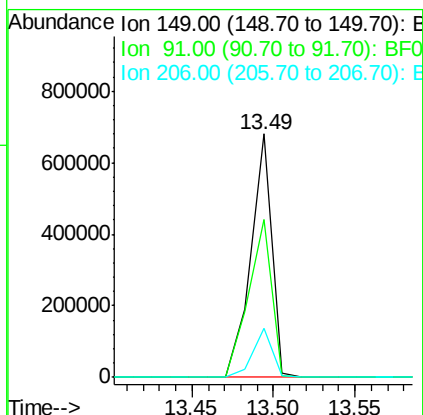
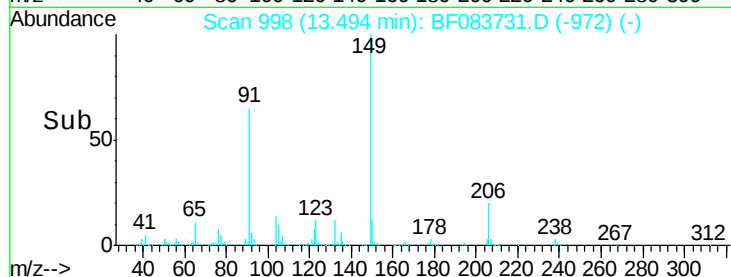
SSTDIC060



Tot Ion	Ratio	Resp	Lower	Upper
149	100	607800		
91	64.6	46.6	70.0	
206	20.1	16.5	24.7	

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#80

Benzo(a)anthracene

Concen: 50.78 ng

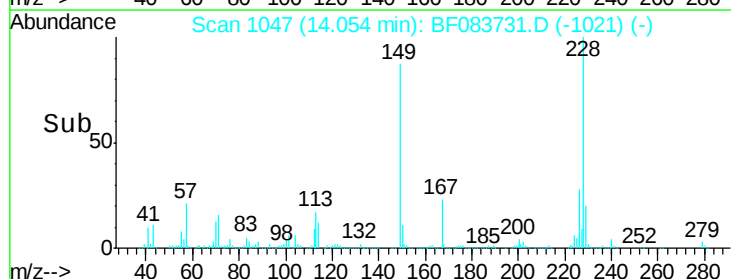
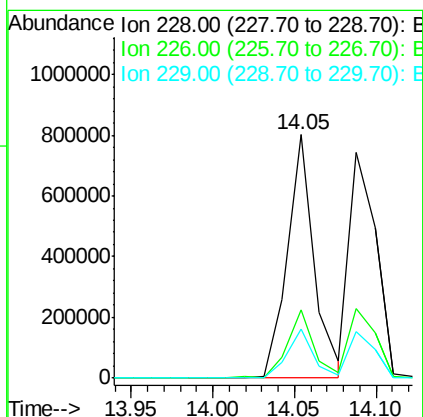
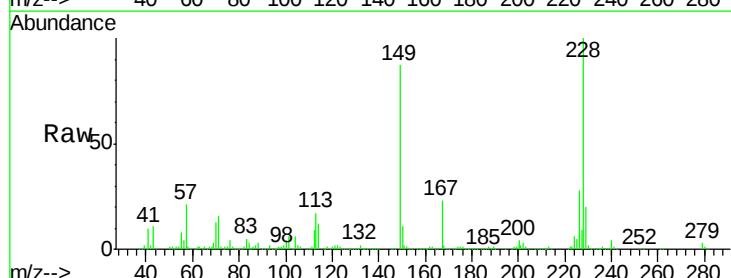
RT: 14.05 min Scan# 1047

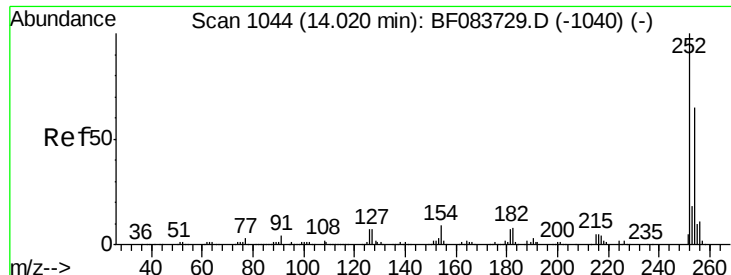
Delta R.T. 0.00 min

Lab File: BF083731.D

Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	920122		
226	28.0	21.9	32.9	
229	20.3	15.8	23.8	





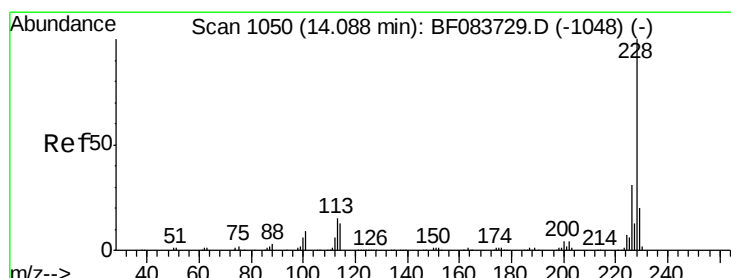
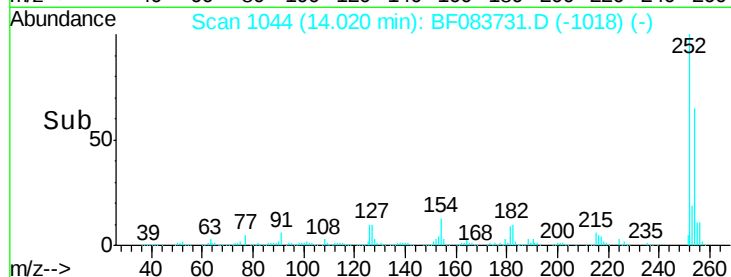
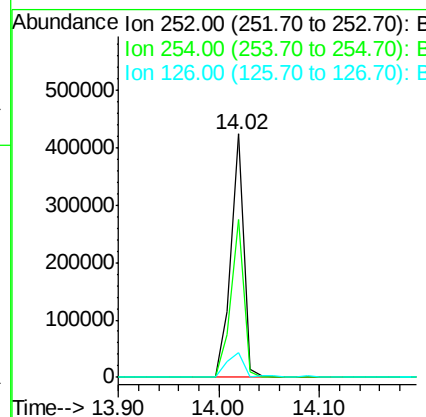
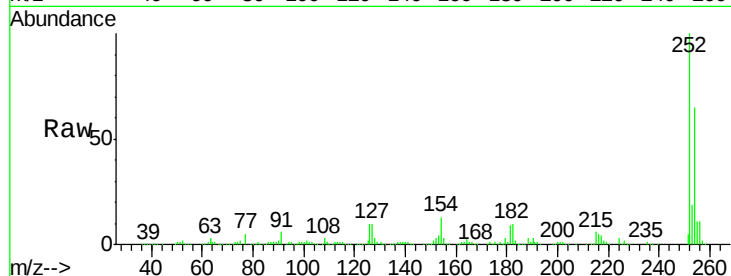
#81
 3,3'-Dichlorobenzidine
 Concen: 65.04 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.2	78.2
126	10.3	5.5	8.3

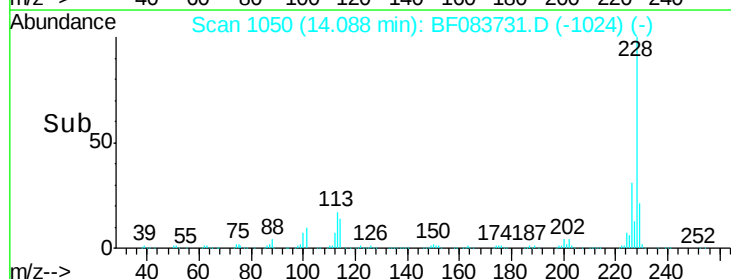
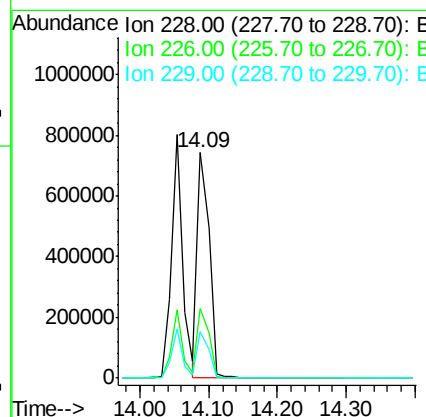
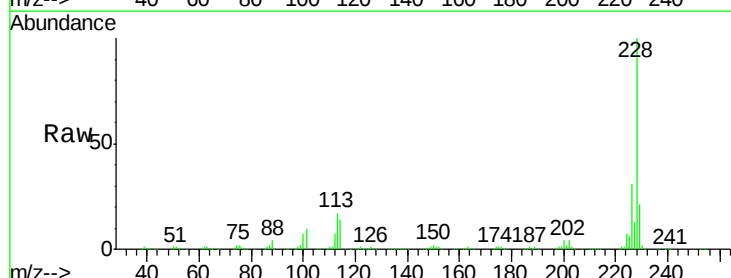
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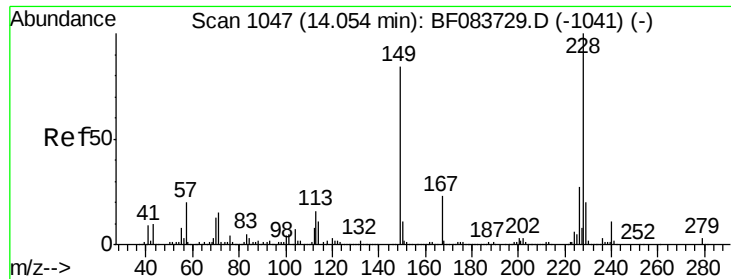
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#82
 Chrysene
 Concen: 50.22 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	36.8
229	20.8	16.2	24.2





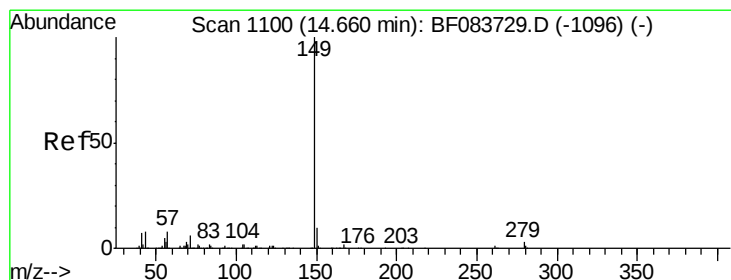
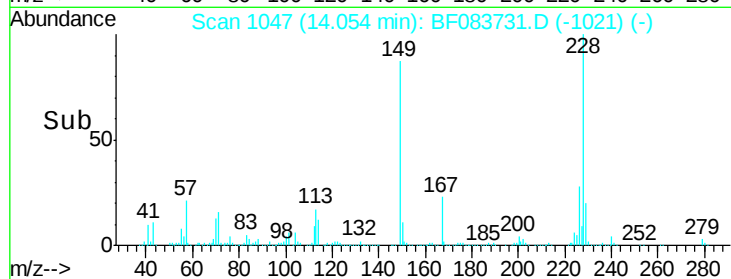
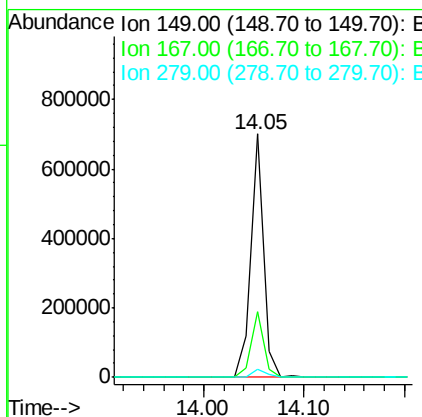
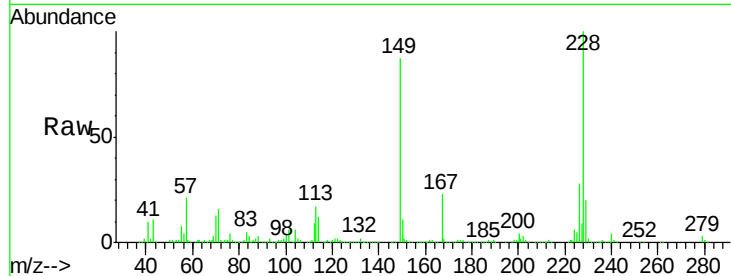
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 69.02 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:	149	Resp:	621009
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.4	32.0
279	3.3	2.5	3.7

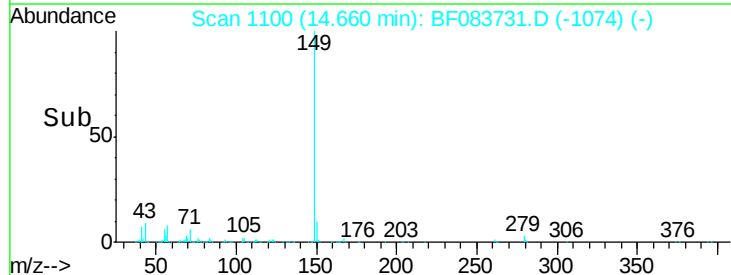
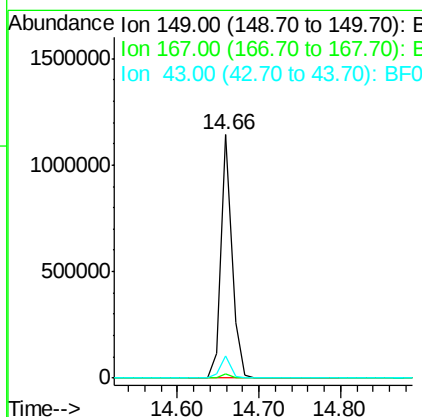
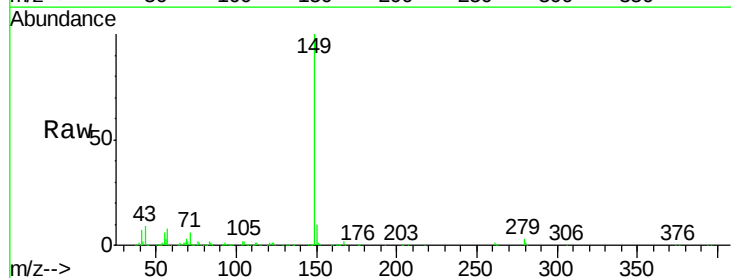
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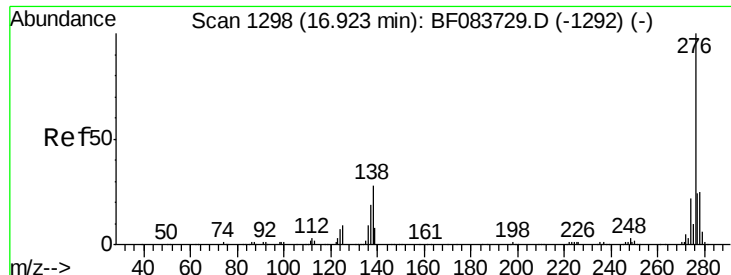
MMdadoda
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#84
 Di-n-octyl phthalate
 Concen: 76.37 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Tgt Ion:	149	Resp:	1059503
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.4	7.4	11.0





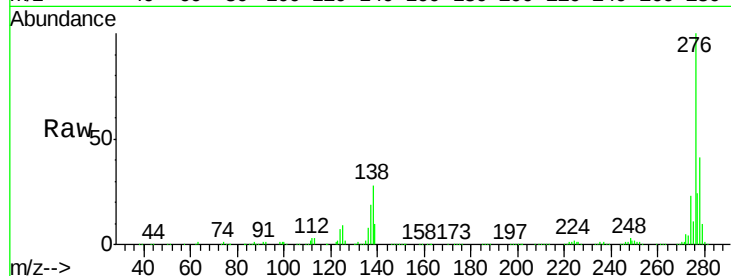
#85
Indeno(1,2,3-cd)pyrene
Concen: 62.59 ng
RT: 16.93 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

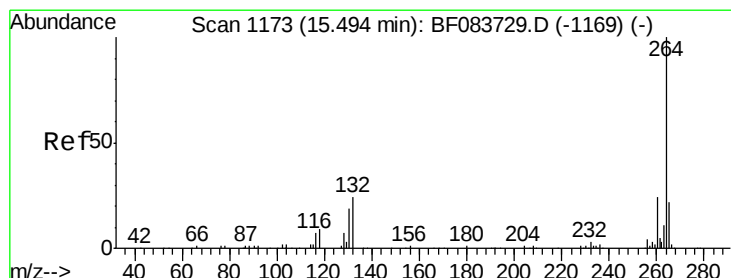
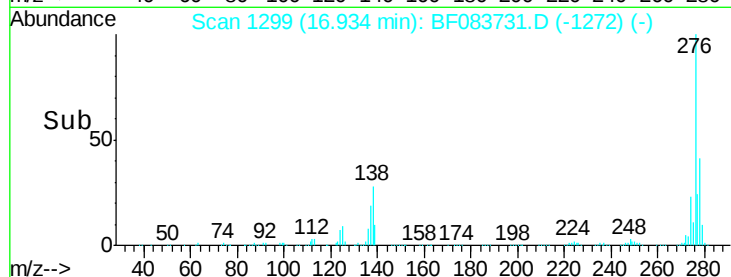
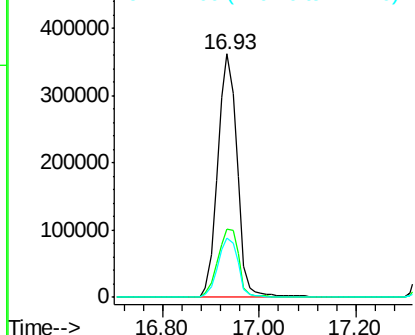
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.4	25.1	37.7
277	25.3	20.3	30.5

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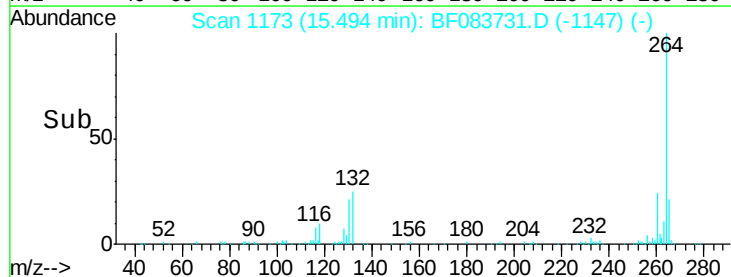
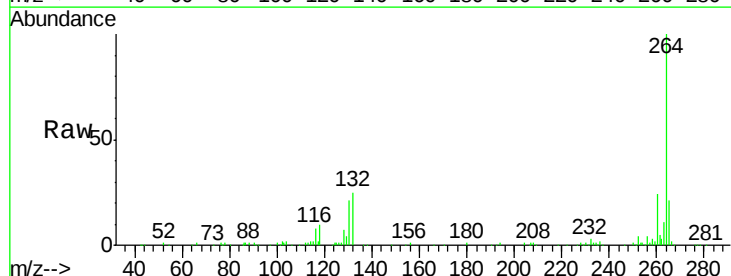
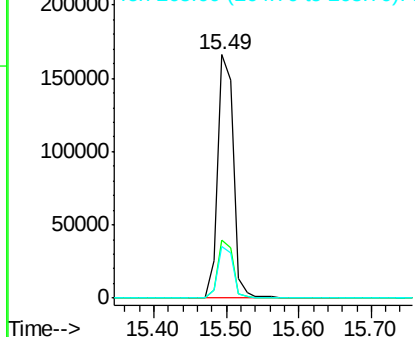
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

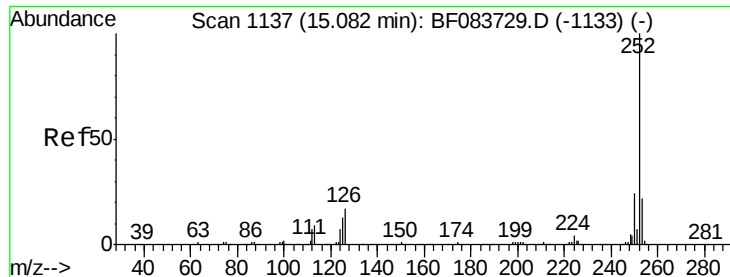


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.4	17.7	26.5

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





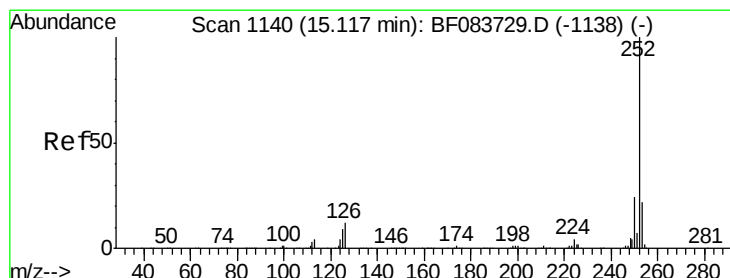
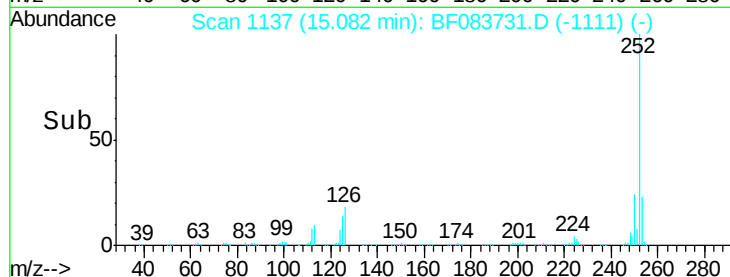
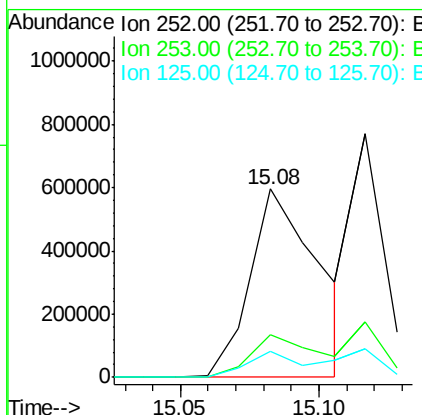
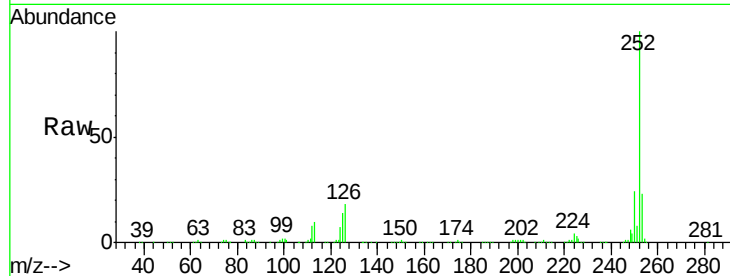
#87
Benzo(b)fluoranthene
Concen: 64.44 ng m
RT: 15.08 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:252 Resp: 1018143
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 14.1 10.1 15.1

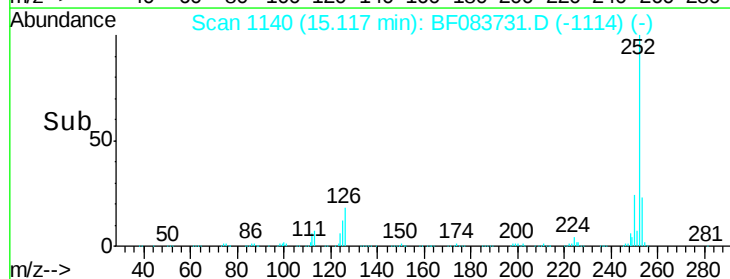
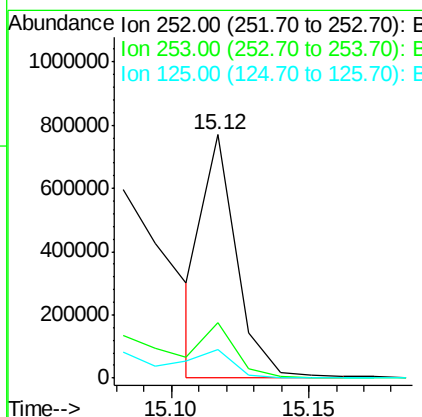
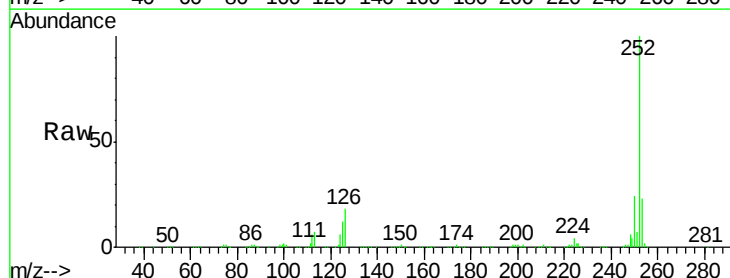
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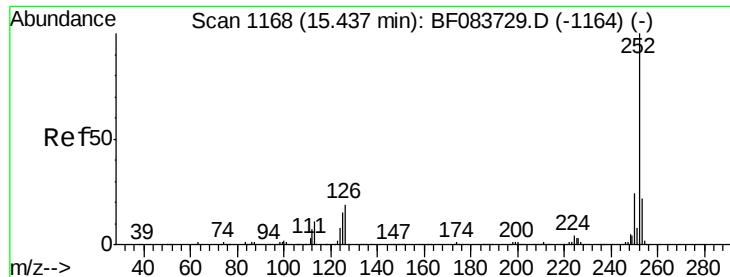
MMdadoda
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#88
Benzo(k)fluoranthene
Concen: 42.71 ng m
RT: 15.12 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Tgt Ion:252 Resp: 645864
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 12.0 7.0 10.4#





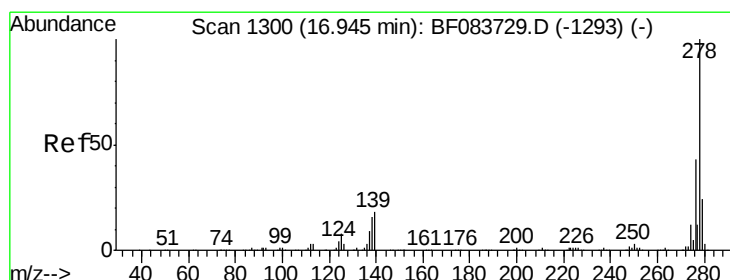
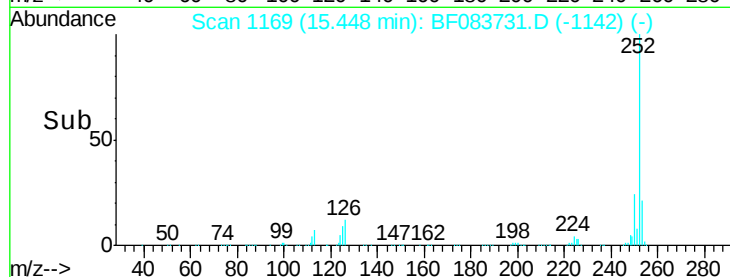
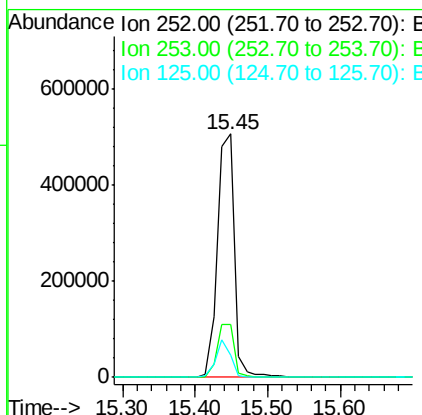
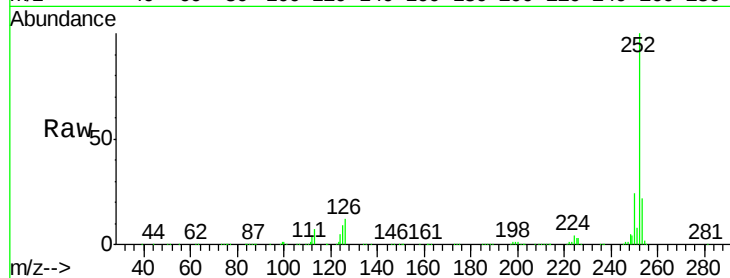
#89
Benzo(a)pyrene
Concen: 57.66 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	9.4	12.1	18.1

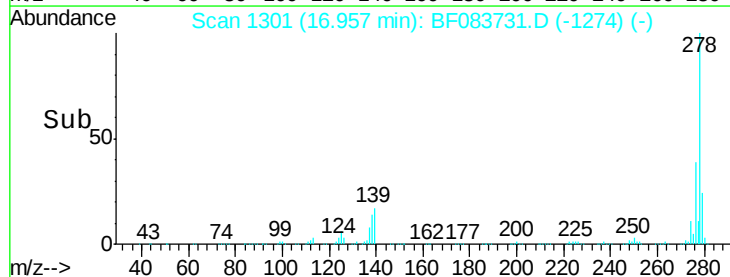
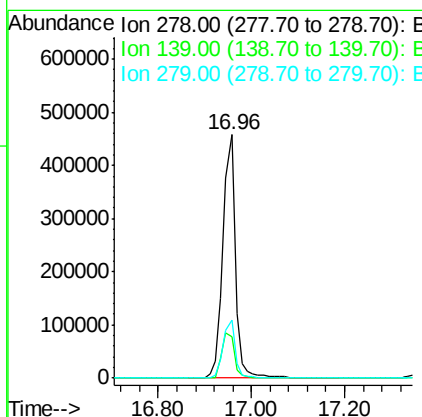
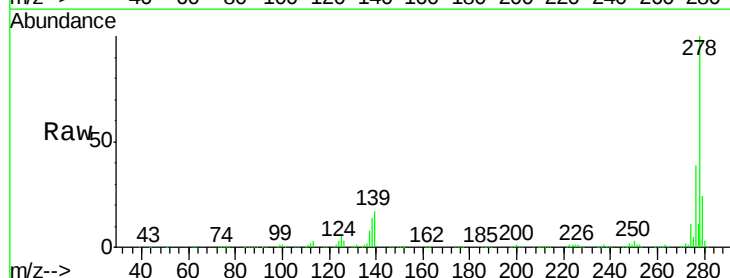
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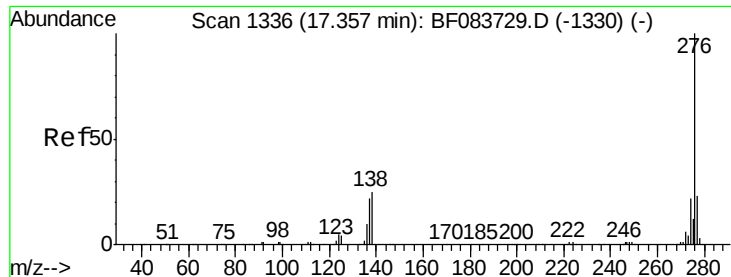
MMdadoda
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#90
Dibenzo(a,h)anthracene
Concen: 60.20 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF083731.D
Acq: 13 Dec 2015 16:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.4	21.6
279	23.7	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 58.33 ng
 RT: 17.37 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: BF083731.D
 Acq: 13 Dec 2015 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	24.6	20.2	30.4

Manual Integrations
 APPROVED

MMdadoda
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