

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087649.D
 Acq On : 4 Jun 2016 3:50
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:17:53 PM

Quant Time: Jun 04 06:07:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 05:48:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	116201	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	457754	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	220974	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	394616	20.00	ng	0.00
75) Chrysene-d12	14.02	240	313967	20.00	ng	0.00
86) Perylene-d12	15.44	264	254522	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	670279	100.25	ng	0.00
7) Phenol-d6	6.49	99	826794	92.04	ng	0.00
23) Nitrobenzene-d5	7.43	82	774674	88.05	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	224523	106.29	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1369204	87.48	ng	0.00
78) Terphenyl-d14	12.97	244	1059920	74.02	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	170263	48.45	ng	# 28
3) Pyridine	3.20	79	464059	59.32	ng	99
4) n-Nitrosodimethylamine	3.15	42	192220	34.77	ng	99
6) Aniline	6.52	93	596677	51.09	ng	97
8) 2-Chlorophenol	6.65	128	395985	48.39	ng	82
9) Benzaldehyde	6.41	77	297670	56.35	ng	94
10) Phenol	6.50	94	489890	48.56	ng	92
11) bis(2-Chloroethyl)ether	6.60	93	389948	50.24	ng	88
12) 1,3-Dichlorobenzene	6.80	146	395134	44.37	ng	98
13) 1,4-Dichlorobenzene	6.88	146	394749	43.03	ng	98
14) 1,2-Dichlorobenzene	7.04	146	396149	46.64	ng	98
15) Benzyl Alcohol	7.00	79	298317	45.77	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	538760	32.04	ng	94
17) 2-Methylphenol	7.12	107	324391	49.01	ng	97
18) Hexachloroethane	7.38	117	152390	44.70	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	283905	43.92	ng	91
20) 3+4-Methylphenols	7.28	107	389928	49.48	ng	# 56
22) Acetophenone	7.28	105	492521	45.09	ng	# 91
24) Nitrobenzene	7.45	77	421688	44.97	ng	91
25) Isophorone	7.69	82	703673	44.04	ng	98
26) 2-Nitrophenol	7.77	139	191424	50.05	ng	# 69
27) 2,4-Dimethylphenol	7.80	122	384592	55.49	ng	97
28) bis(2-Chloroethoxy)methane	7.91	93	472794	51.74	ng	99
29) 2,4-Dichlorophenol	8.00	162	313171	51.44	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	318938	45.92	ng	100
31) Naphthalene	8.17	128	1018053	44.52	ng	100
32) Benzoic acid	7.93	122	213459	60.48	ng	97
33) 4-Chloroaniline	8.22	127	438241	51.32	ng	98
34) Hexachlorobutadiene	8.30	225	176203	42.42	ng	98
35) Caprolactam	8.60	113	108695	59.88	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	301731	44.06	ng	96
37) 2-Methylnaphthalene	8.87	142	746904	52.01	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	271603	39.14	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	168948	69.67	ng	99

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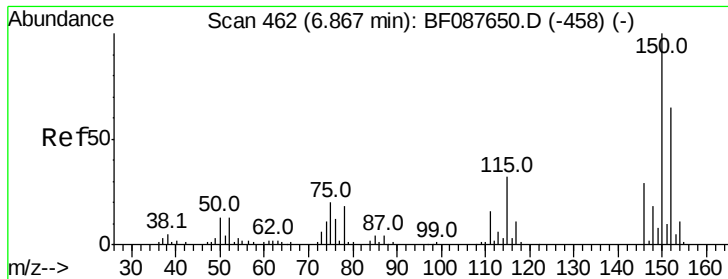
Manual Integrations
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 6/6/2016 7:17:53 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	225476	54.61	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	226836	53.89	nq	# 96
45) 1,1'-Biphenyl	9.32	154	824282	44.73	nq	98
46) 2-Chloronaphthalene	9.35	162	647151	45.94	nq	99
47) 2-Nitroaniline	9.44	65	194929	39.69	nq	96
48) Acenaphthylene	9.77	152	1132169	50.33	nq	99
49) Dimethylphthalate	9.63	163	698343	39.68	nq	99
50) 2,6-Dinitrotoluene	9.69	165	179823	49.57	nq	# 72
51) Acenaphthene	9.94	154	704916	50.38	nq	99
52) 3-Nitroaniline	9.86	138	221961	60.60	nq	# 75
53) 2,4-Dinitrophenol	9.95	184	73228	48.45	nq	# 81
54) Dibenzofuran	10.11	168	985227	51.76	nq	94
55) 4-Nitrophenol	10.01	139	193529	99.00	nq	# 74
56) 2,4-Dinitrotoluene	10.09	165	238385	49.65	nq	# 73
57) Fluorene	10.46	166	726972	45.60	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	185556	57.64	nq	# 55
59) Diethylphthalate	10.33	149	731879	42.91	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	273378	35.55	nq	94
61) 4-Nitroaniline	10.47	138	184016	52.44	nq	94
62) Azobenzene	10.60	77	787996	45.30	nq	97
64) 4,6-Dinitro-2-methylphenol	10.50	198	109090	45.35	nq	# 48
65) n-Nitrosodiphenylamine	10.57	169	660696	52.09	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	200436	46.62	nq	# 93
67) Hexachlorobenzene	10.99	284	199191	44.71	nq	95
68) Atrazine	11.10	200	214687	53.05	nq	94
69) Pentachlorophenol	11.19	266	139688	96.47	nq	99
70) Phenanthrene	11.42	178	1034524	47.92	nq	99
71) Anthracene	11.46	178	996049	44.85	nq	100
72) Carbazole	11.61	167	931797	49.42	nq	100
73) Di-n-butylphthalate	11.95	149	1025312	42.70	nq	99
74) Fluoranthene	12.59	202	997333	45.73	nq	98
76) Benzidine	12.72	184	643818	71.82	nq	100
77) Pyrene	12.82	202	1011701	44.86	nq	99
79) Butylbenzylphthalate	13.45	149	490151	49.23	nq	96
80) Benzo(a)anthracene	14.01	228	842216	47.08	nq	100
81) 3,3'-Dichlorobenzidine	13.98	252	285523	30.74	nq	# 97
82) Chrysene	14.05	228	797237	44.74	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	545854	38.44	nq	99
84) Di-n-octyl phthalate	14.63	149	1032696	47.10	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.85	276	734167	51.37	nq	# 100
87) Benzo(b)fluoranthene	15.04	252	797744	49.41	nq	98
88) Benzo(k)fluoranthene	15.06	252	651498m	46.13	nq	
89) Benzo(a)pyrene	15.38	252	692655	49.15	nq	99
90) Dibenzo(a,h)anthracene	16.86	278	606544	50.72	nq	99
91) Benzo(g,h,i)perylene	17.27	276	618870	52.28	nq	95

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



#1

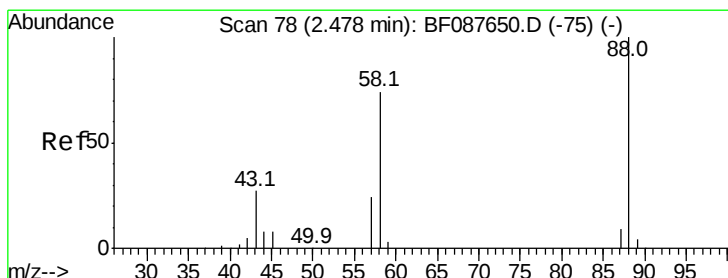
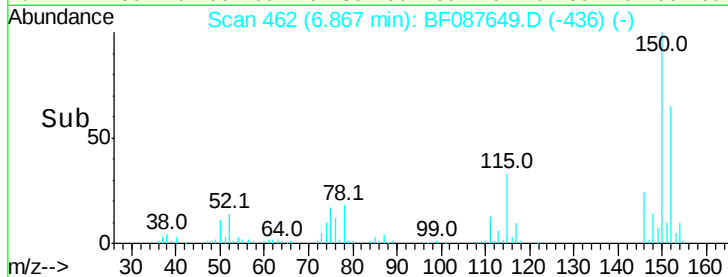
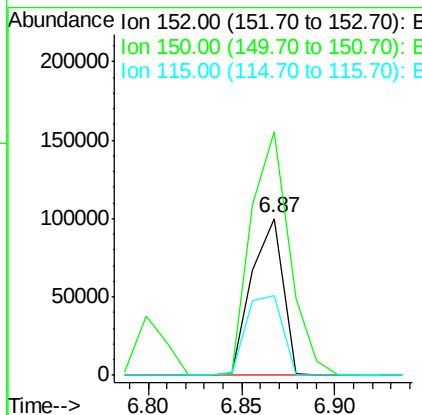
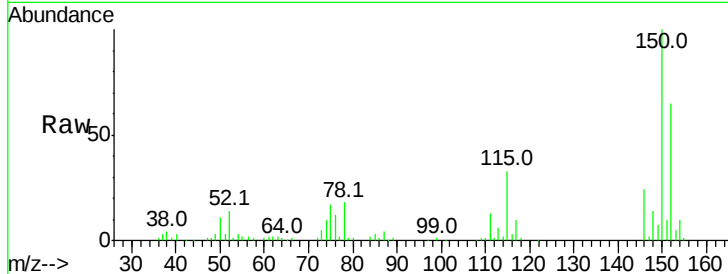
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.8	185.6
115	51.1	39.6	59.4

Manual Integrations
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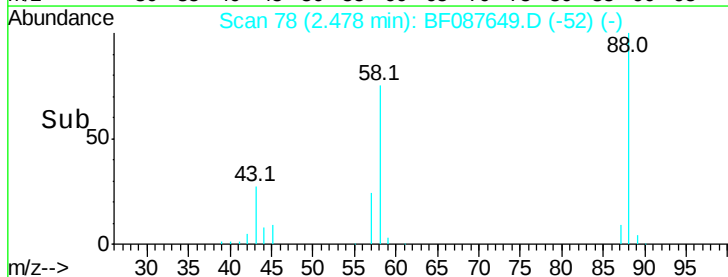
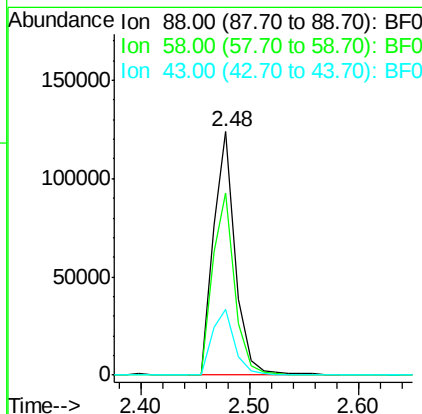
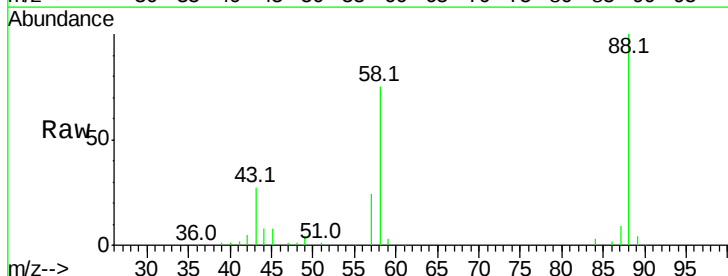
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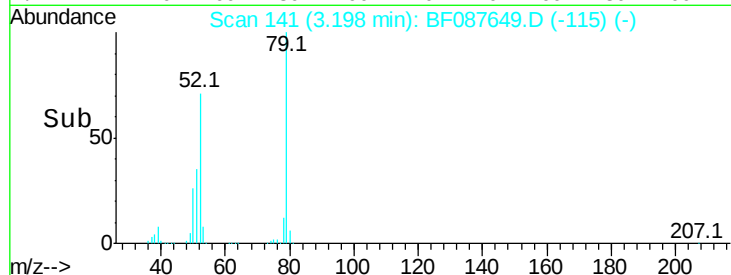
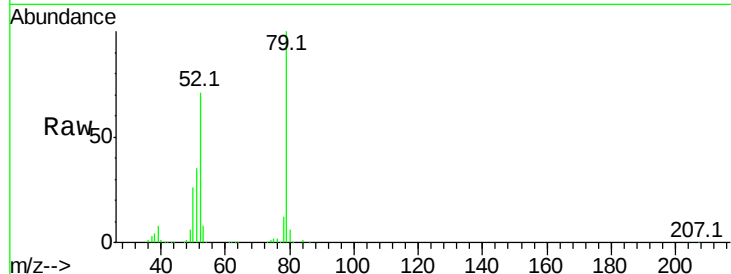
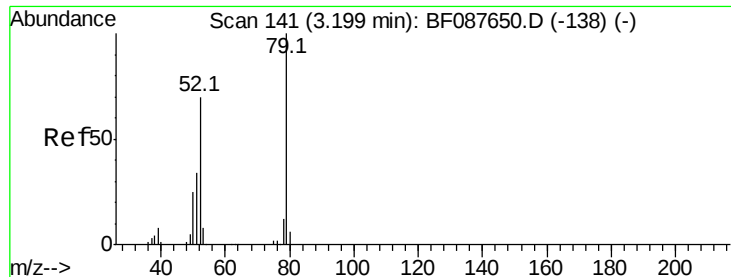


#2

1,4-Dioxane
Concen: 48.45 ng
RT: 2.48 min Scan# 78
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.0	0.0	0.0#
43	27.9	3.4	5.2#





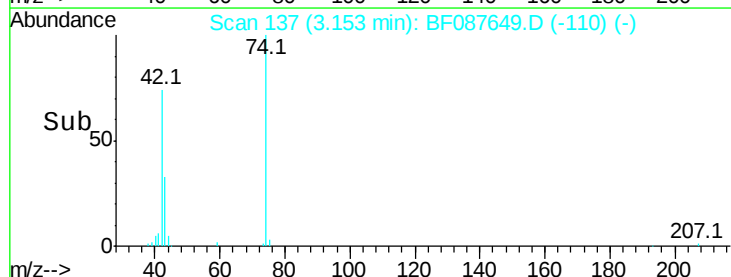
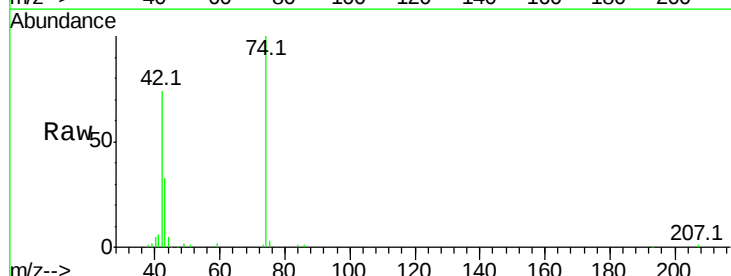
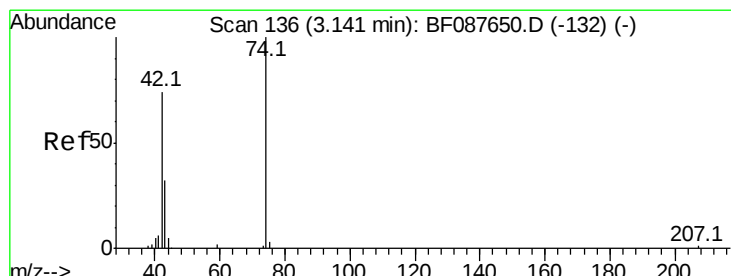
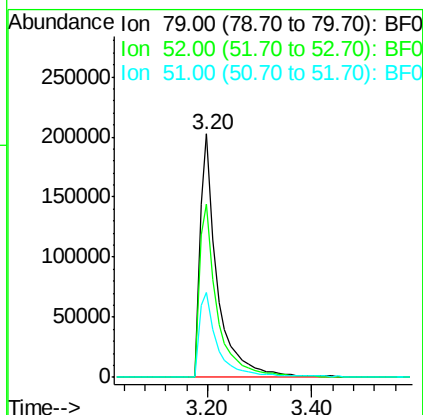
#3
Pvridine
Concen: 59.32 ng
RT: 3.20 min Scan# 141
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.3	56.3	84.5
51	35.0	27.4	41.2

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

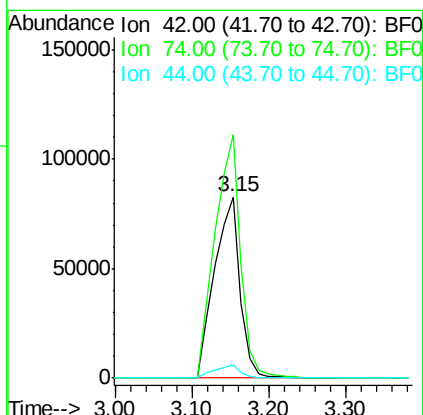
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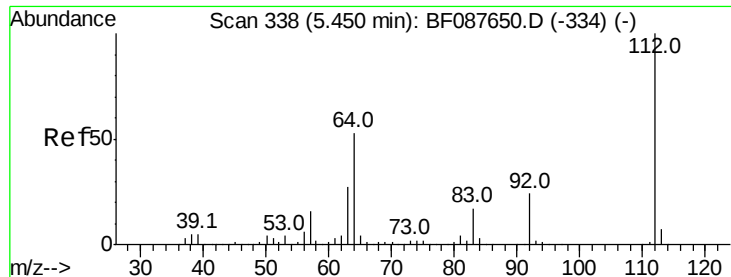
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#4
n-Nitrosodimethylamine
Concen: 34.77 ng
RT: 3.15 min Scan# 137
Delta R.T. 0.01 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.6	108.6	163.0
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 100.25 ng

RT: 5.45 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

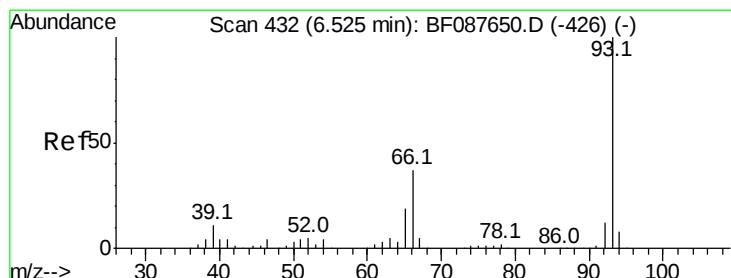
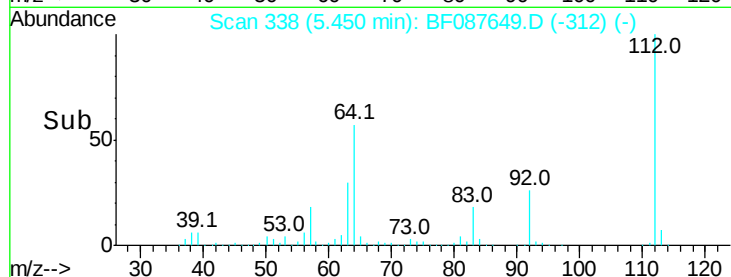
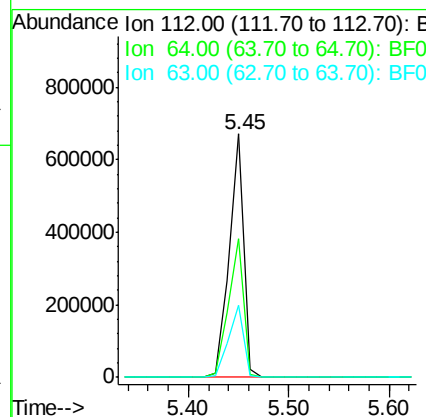
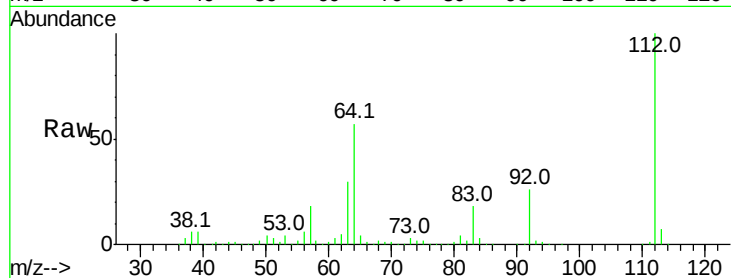
ClientSampleId :

SSTDIC050

Tot Ion:	112	Resp:	670279
Ion Ratio	Lower	Upper	
112	100		
64	57.1	42.2	63.2
63	29.9	21.8	32.8

Manual Integrations
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#6

Aniline

Concen: 51.09 ng

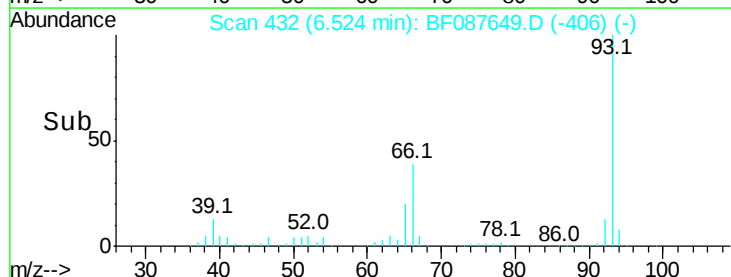
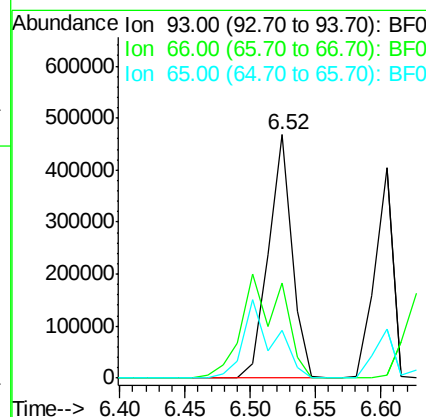
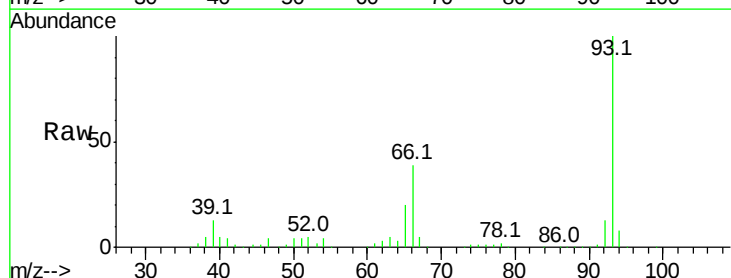
RT: 6.52 min Scan# 432

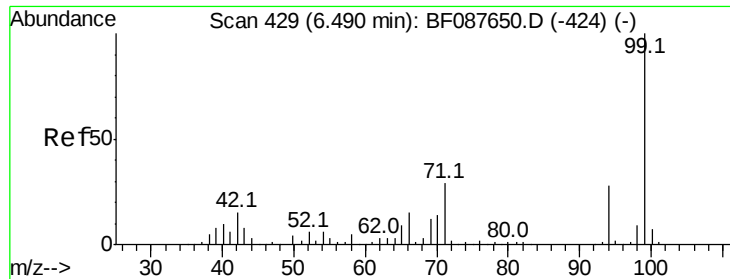
Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Tgt Ion:	93	Resp:	596677
Ion Ratio	Lower	Upper	
93	100		
66	39.1	29.8	44.8
65	19.7	14.9	22.3





#7

Phenol-d6

Concen: 92.04 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

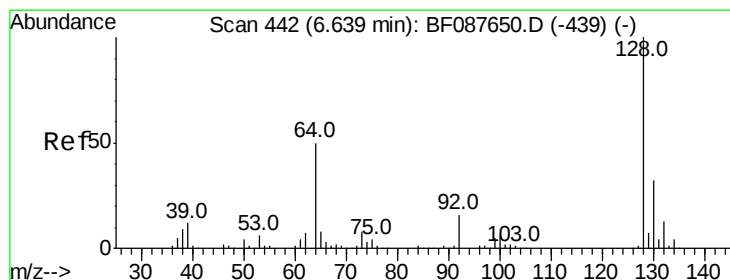
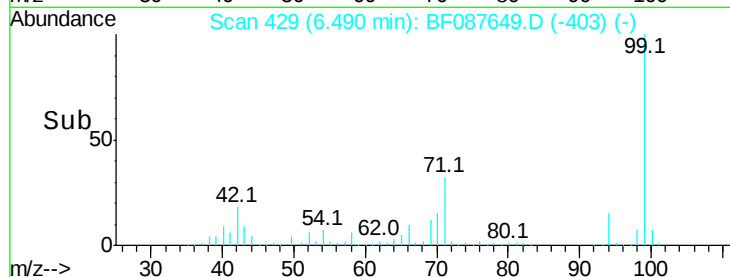
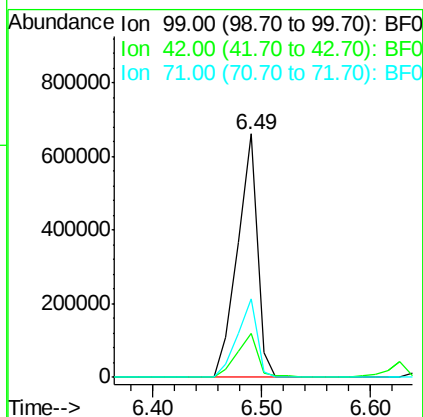
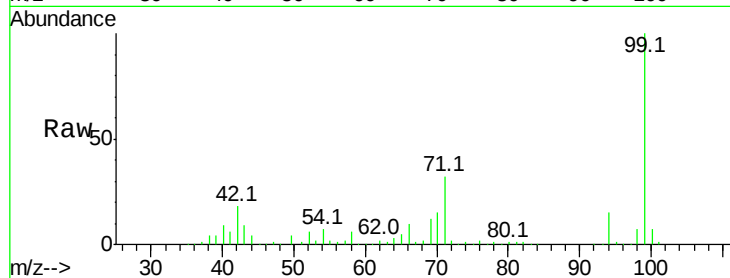
ClientSampleId :

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Tot Ion:	99	Resp:	826794
Ion Ratio	Lower	Upper	
99	100		
42	18.0	12.2	18.2
71	32.4	23.4	35.0

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#8

2-Chlorophenol

Concen: 48.39 ng

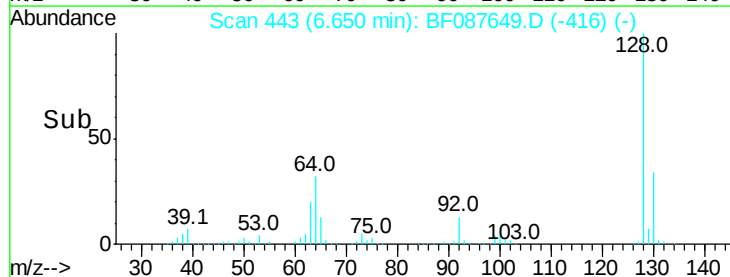
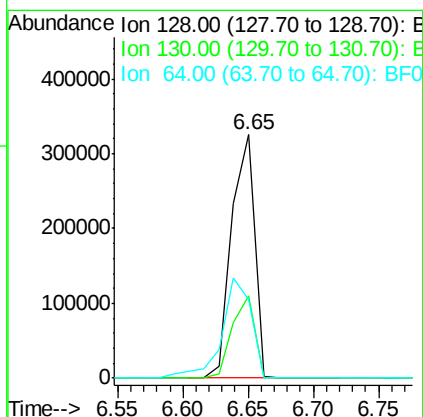
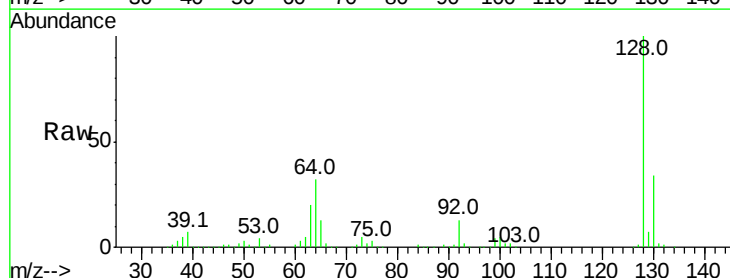
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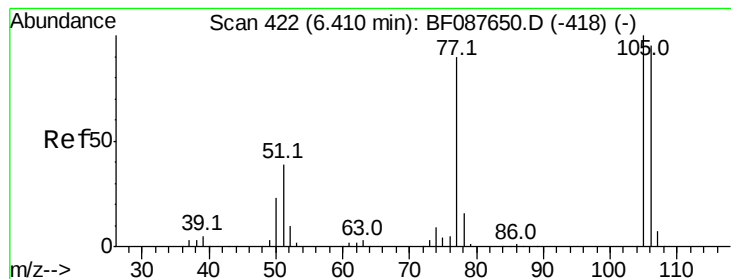
Delta R.T. 0.01 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Tgt Ion:	128	Resp:	395985
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.0	52.0
64	32.1	30.8	70.8





#9

Benzaldehyde

Concen: 56.35 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

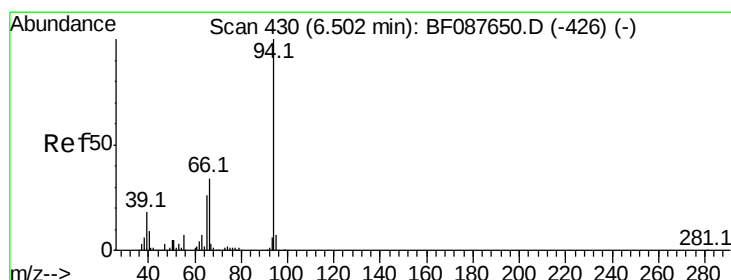
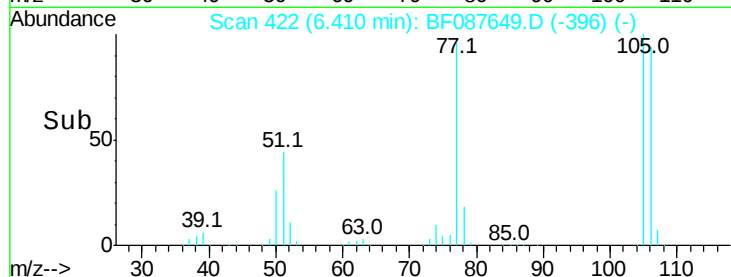
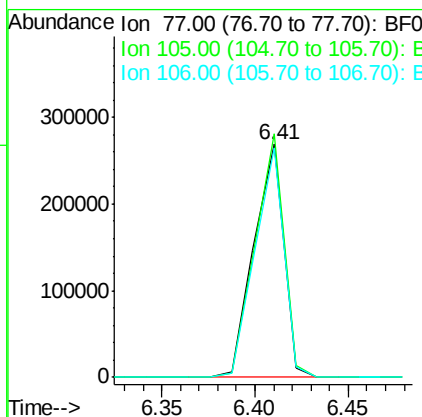
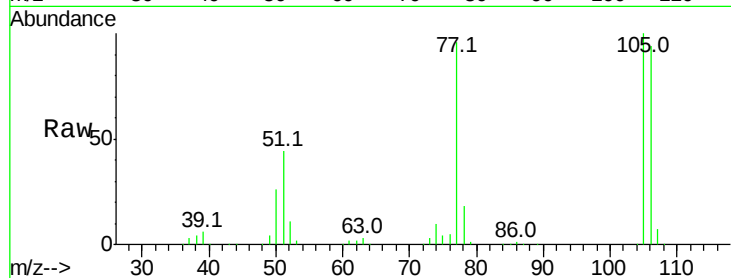
ClientSampleId :

SSTDIC050

Tot Ion:	77	Resp:	297670
Ion Ratio	Lower	Upper	
77	100		
105	104.5	90.6	130.6
106	98.5	85.3	125.3

Manual Integrations
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#10

Phenol

Concen: 48.56 ng

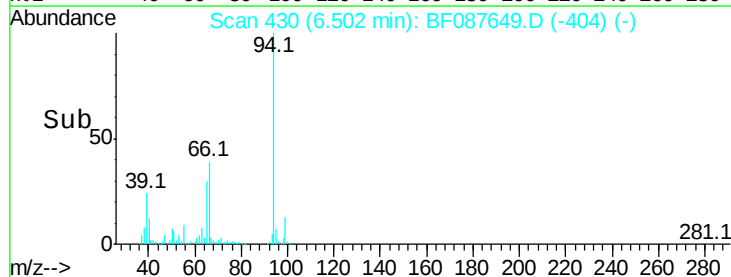
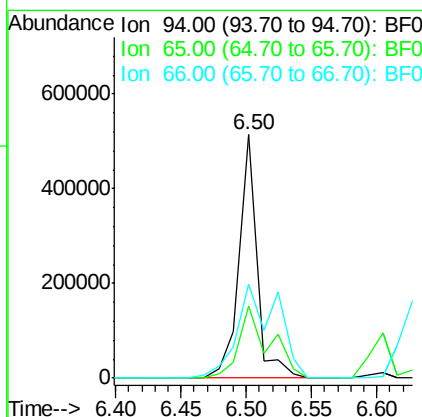
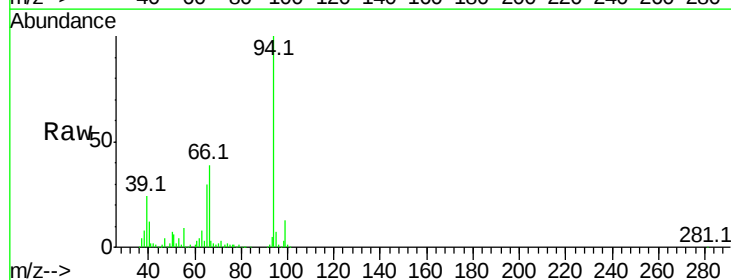
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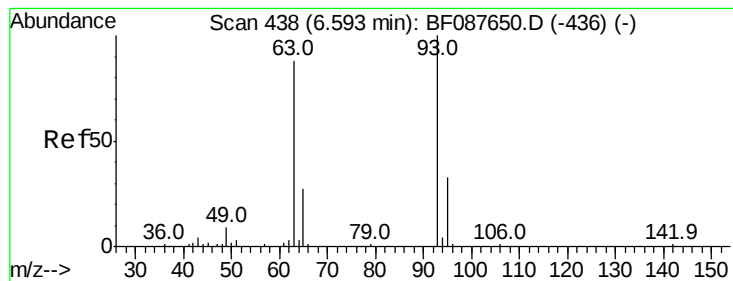
Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Tgt Ion:	94	Resp:	489890
Ion Ratio	Lower	Upper	
94	100		
65	29.6	5.9	45.9
66	38.8	14.0	54.0





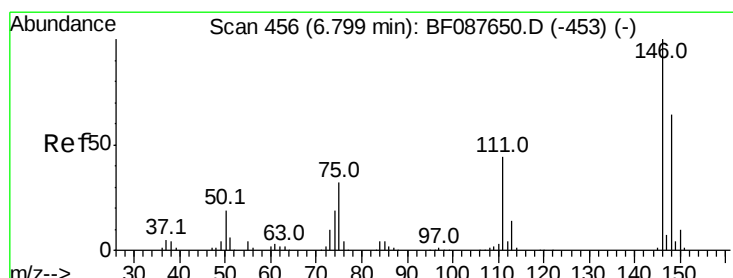
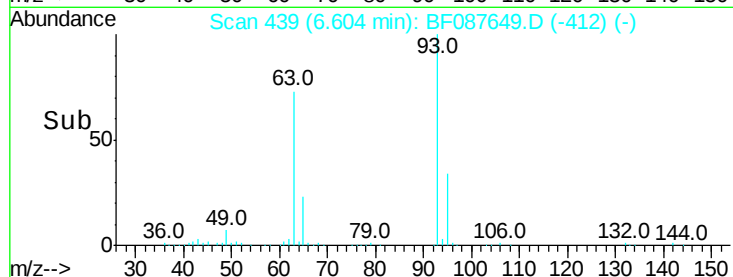
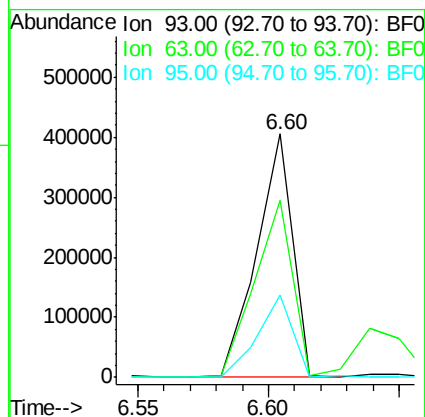
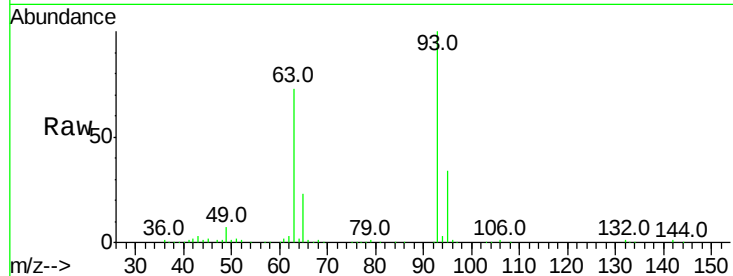
#11
bis(2-Chloroethyl)ether
Concen: 50.24 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	72.7	67.6	107.6	
95	33.6	12.5	52.5	

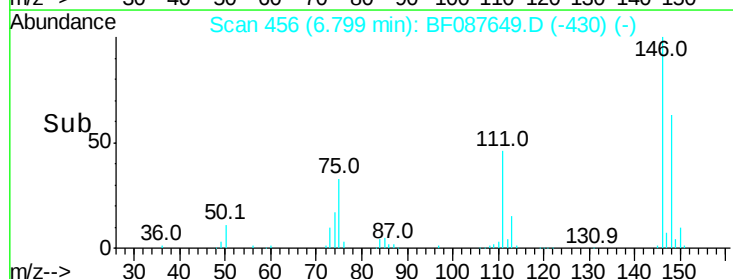
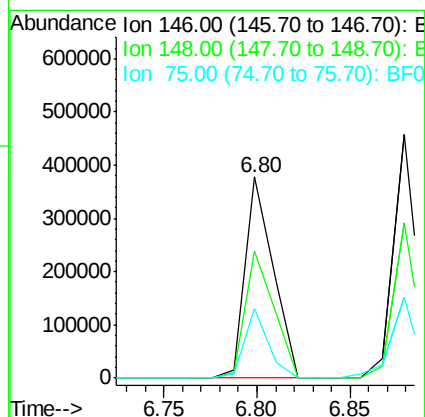
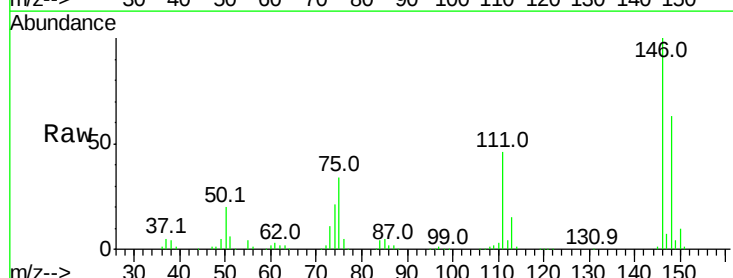
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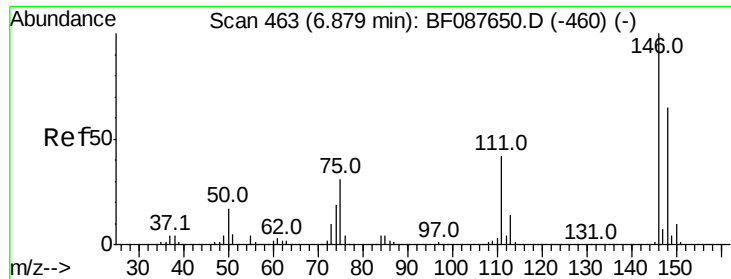
SOHIL
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#12
1,3-Dichlorobenzene
Concen: 44.37 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.3	50.9	76.3	
75	34.4	25.6	38.4	





#13

1,4-Dichlorobenzene

Concen: 43.03 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

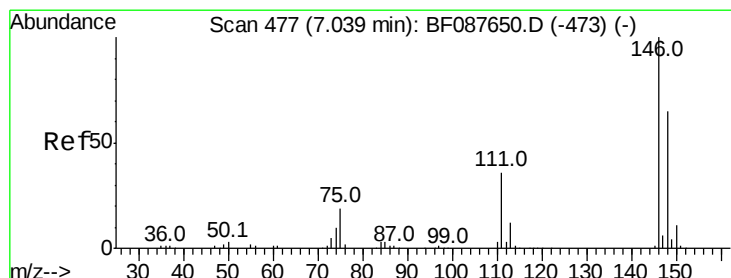
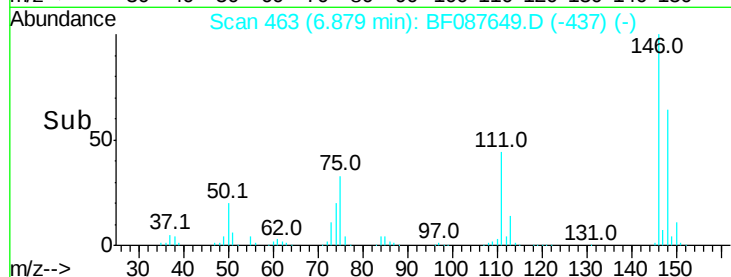
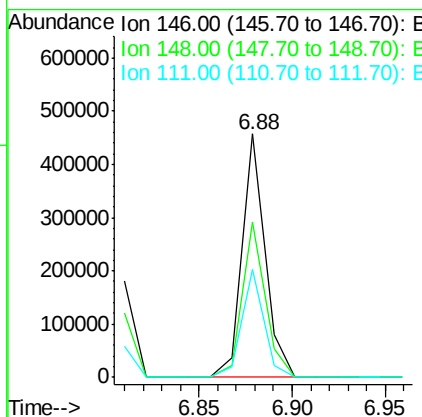
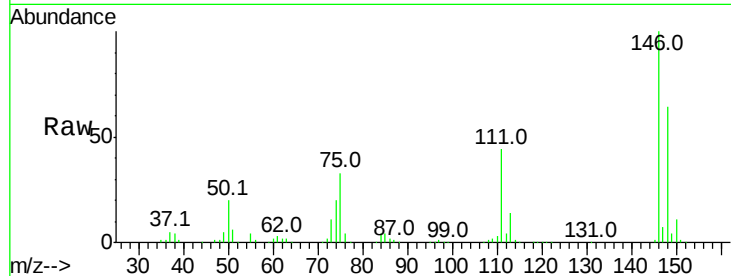
ClientSampleId :

SSTDIC050

Tot Ion:	146	Resp:	394749
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.0	78.0
111	44.1	33.8	50.8

Manual Integrations
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6/6/2016 7:17:53 PM



#14

1,2-Dichlorobenzene

Concen: 46.64 ng

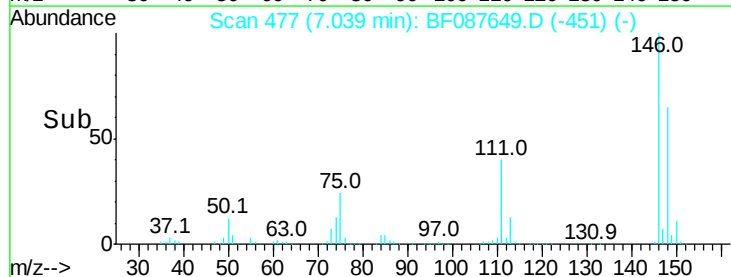
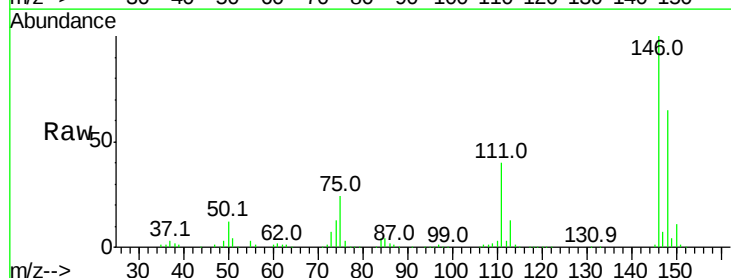
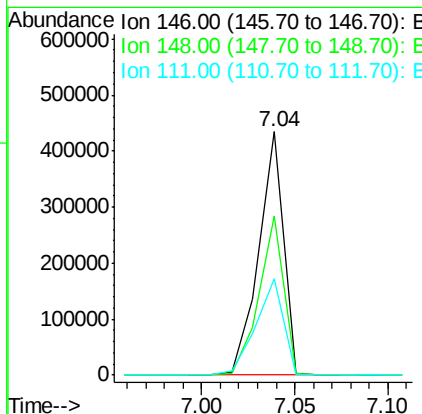
RT: 7.04 min Scan# 477

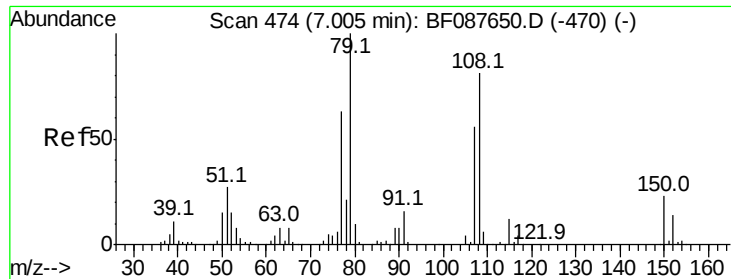
Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Tgt Ion:	146	Resp:	396149
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.3	78.5
111	39.7	28.7	43.1





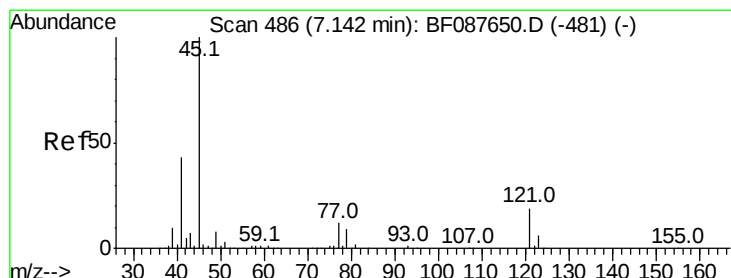
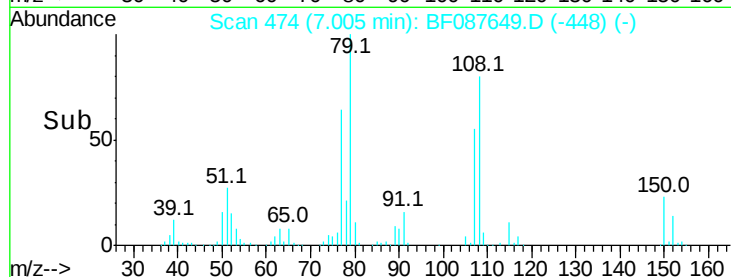
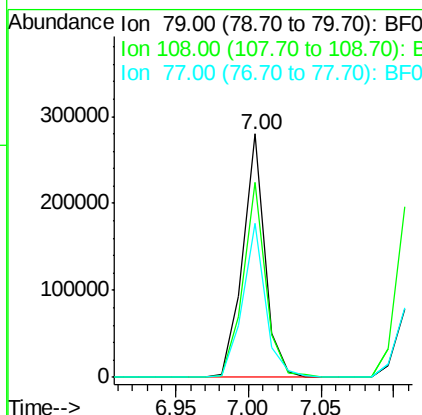
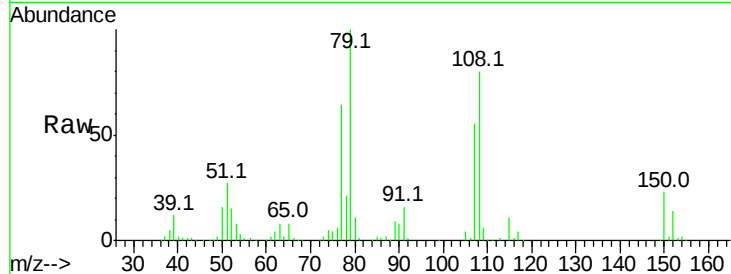
#15
Benzyl Alcohol
Concen: 45.77 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
79	100	298317		
108	80.1	65.0	97.6	
77	63.5	50.3	75.5	

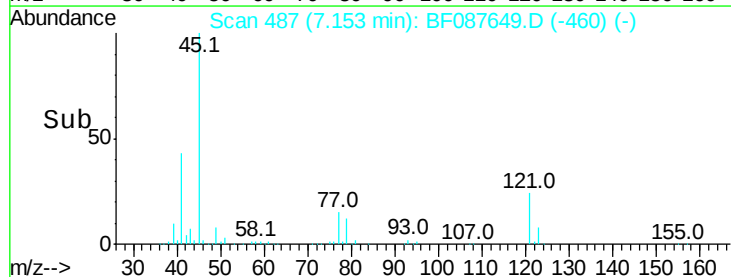
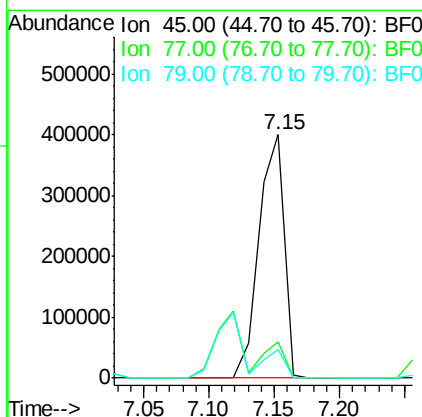
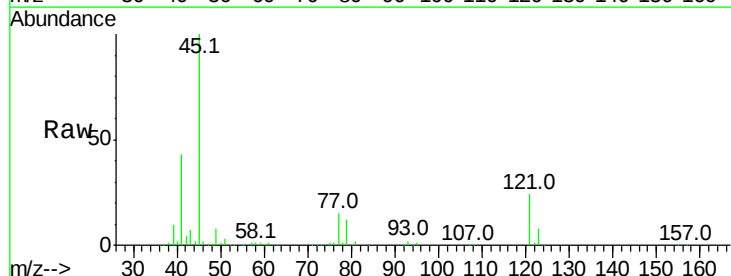
Manual Integrations
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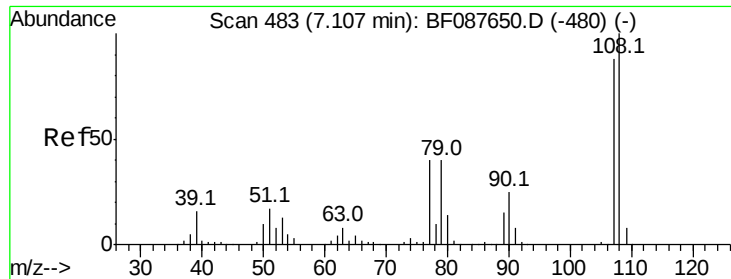
SOHIL
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.04 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.01 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	538760		
77	14.7	0.0	32.5	
79	11.6	0.0	29.5	





#17

2-Methylphenol

Concen: 49.01 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.01 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

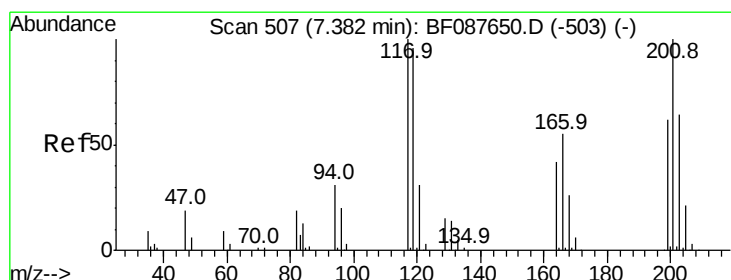
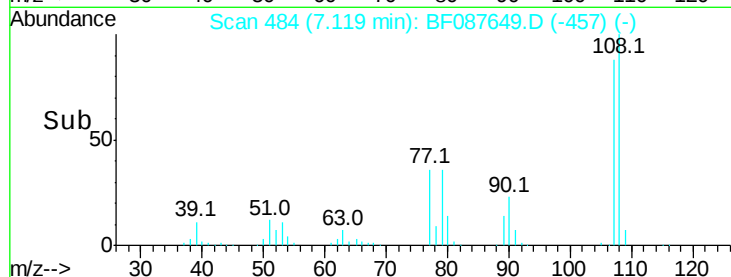
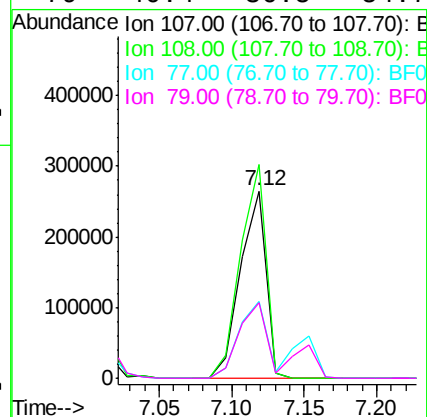
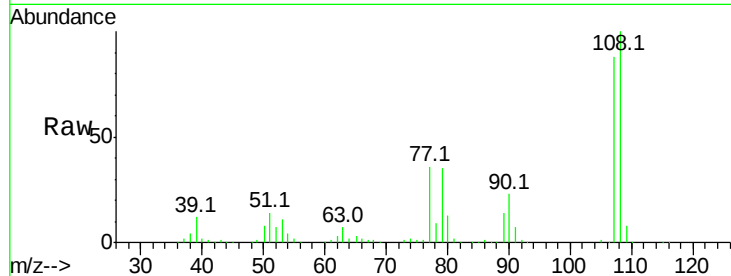
ClientSampleId :

SSTDIC050

Tot Ion:	107	Resp:	324391
Ion Ratio	Lower	Upper	
107	100		
108	114.0	90.9	136.3
77	41.3	36.6	55.0
79	40.4	36.5	54.7

Manual Integrations
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#18

Hexachloroethane

Concen: 44.70 ng

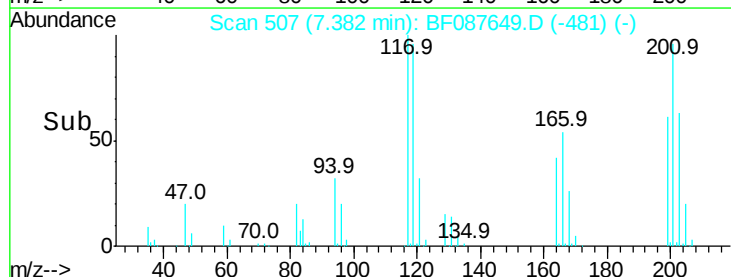
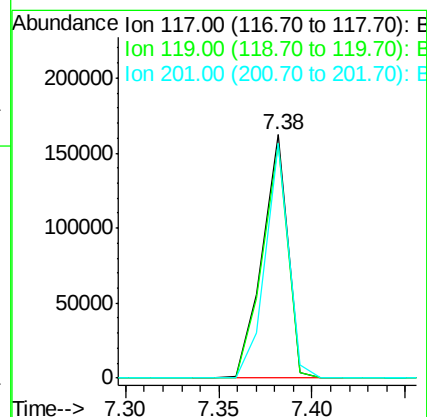
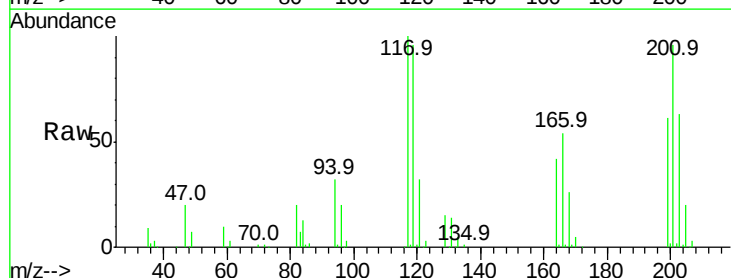
RT: 7.38 min Scan# 507

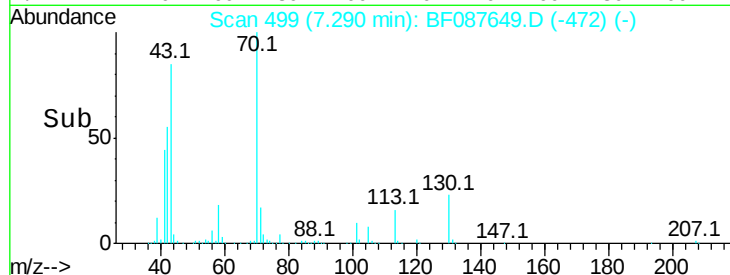
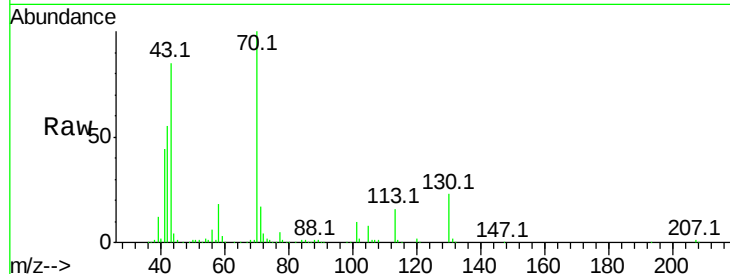
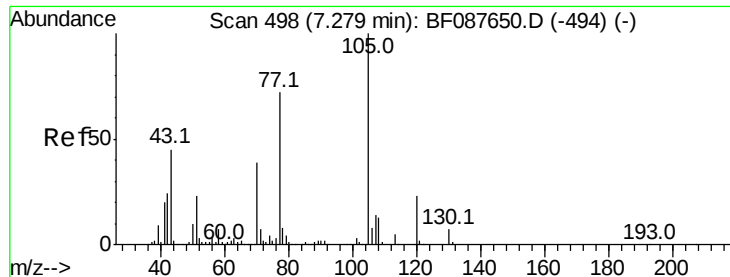
Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Tgt Ion:	117	Resp:	152390
Ion Ratio	Lower	Upper	
117	100		
119	96.5	77.4	116.2
201	96.1	80.4	120.6





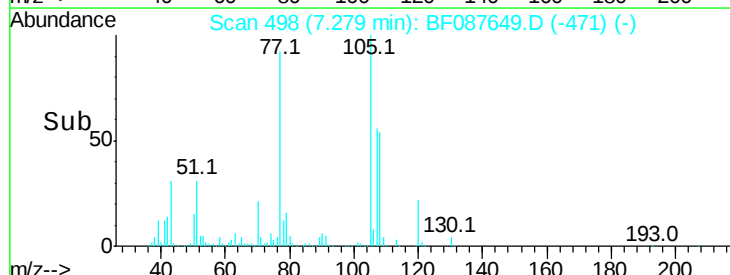
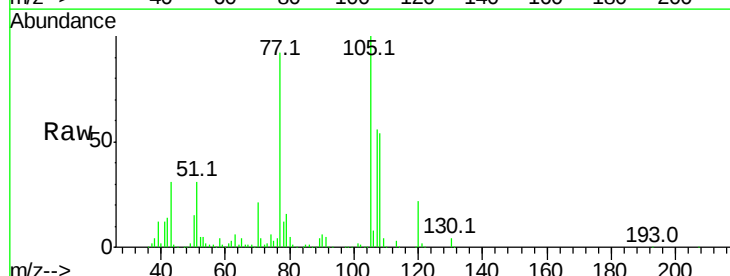
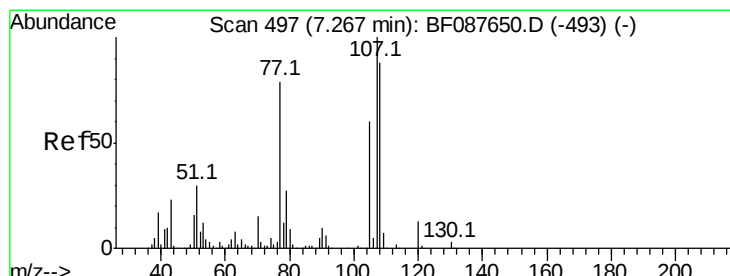
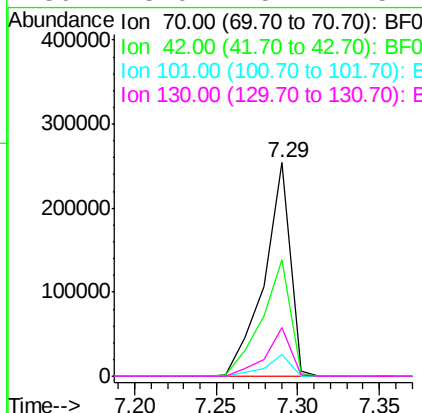
#19
n-Nitroso-di-n-propylamine
Concen: 43.92 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	54.6	49.6	74.4
101	10.0	7.1	10.7
130	23.0	15.4	23.2

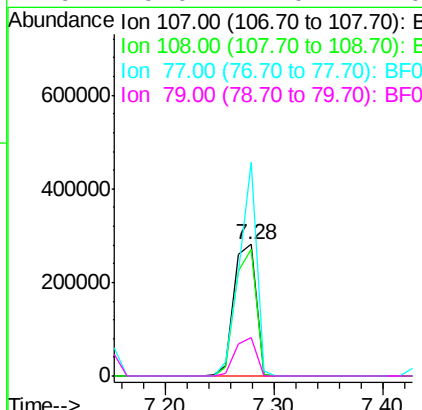
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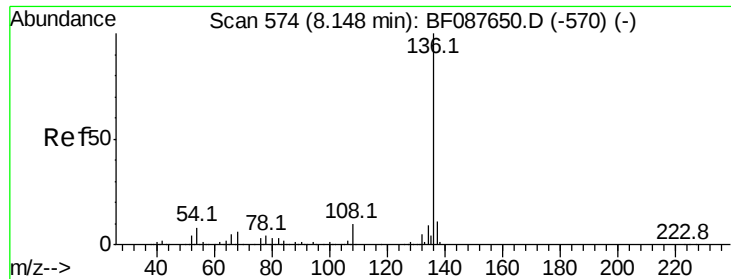
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#20
3+4-Methylphenols
Concen: 49.48 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.01 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	96.4	67.8	107.8
77	162.7	59.3	99.3#
79	29.0	7.0	47.0





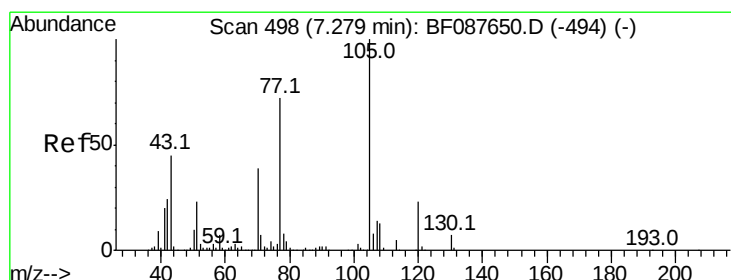
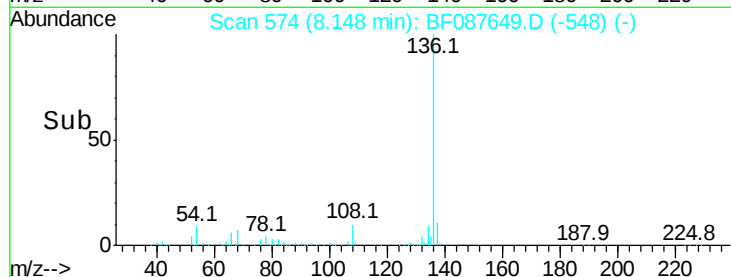
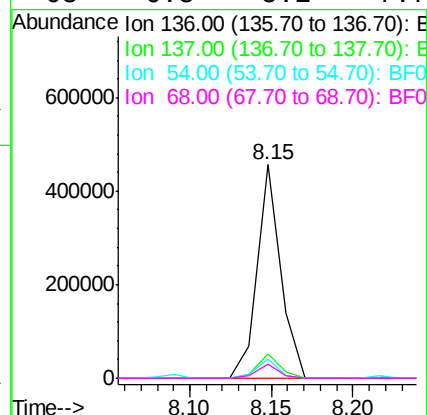
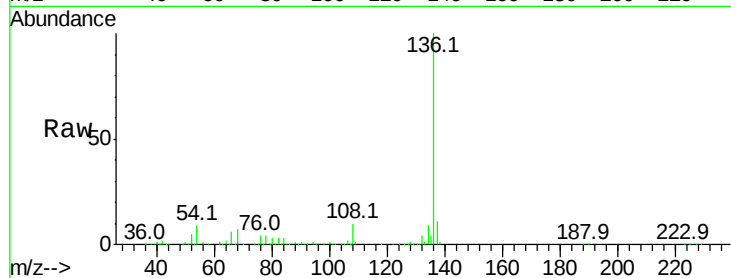
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
136	100	457754		
137	11.2	9.1	13.7	
54	8.9	6.6	10.0	
68	6.8	5.1	7.7	

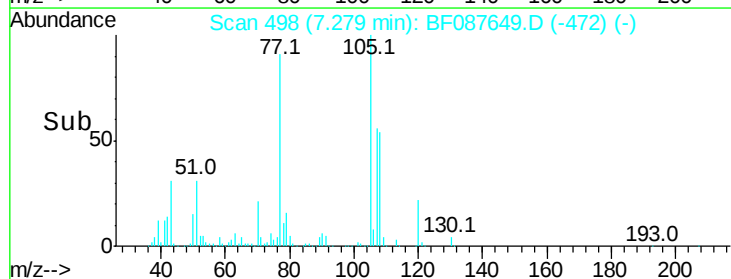
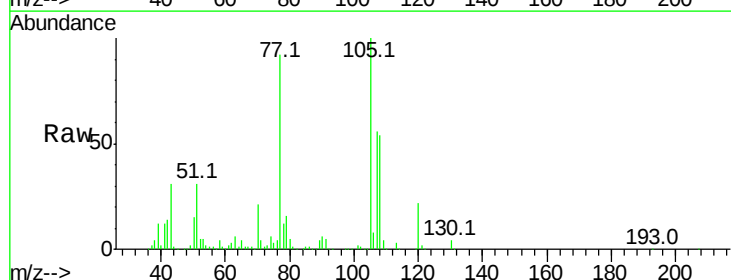
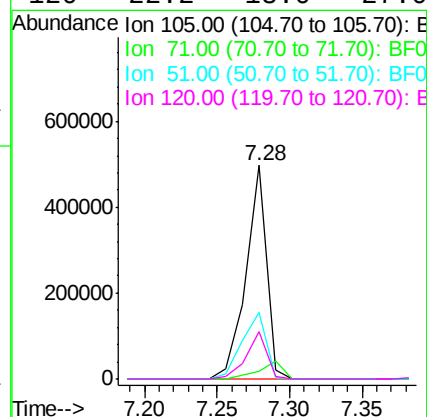
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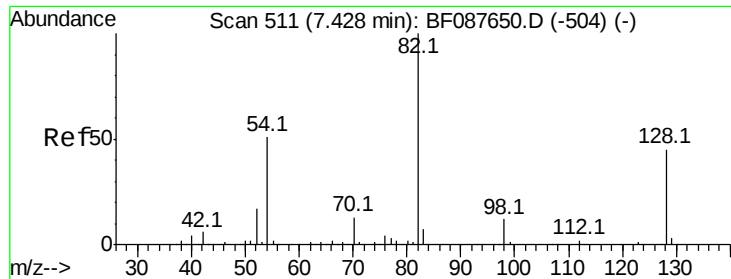
SOHIL
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#22
Acetophenone
Concen: 45.09 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	492521		
71	3.6	5.3	7.9#	
51	31.4	18.2	27.4#	
120	22.2	18.0	27.0	





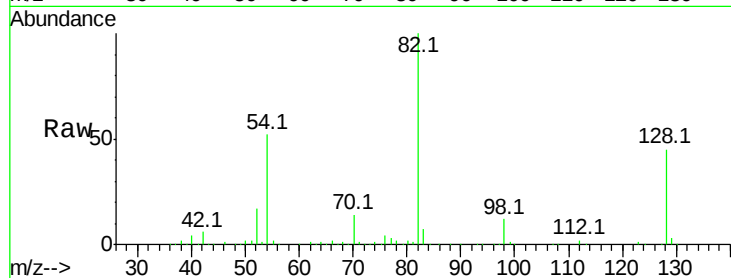
#23
Nitrobenzene-d5
Concen: 88.05 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

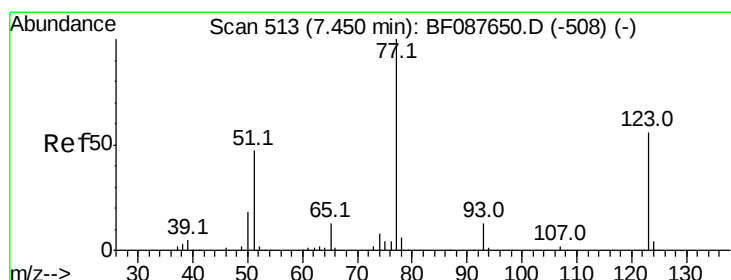
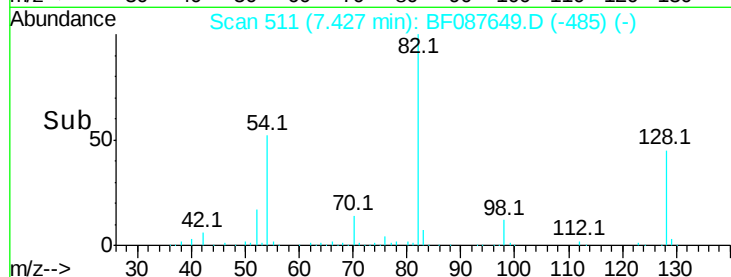
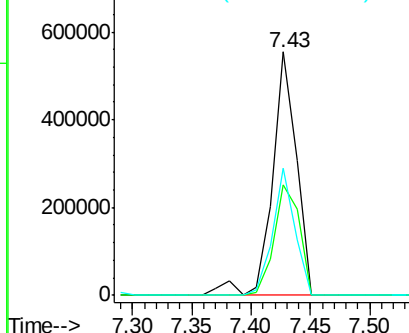
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.9	53.9
54	52.3	40.9	61.3

Manual Integrations
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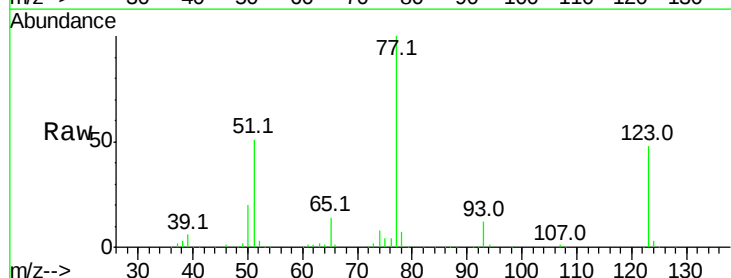


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

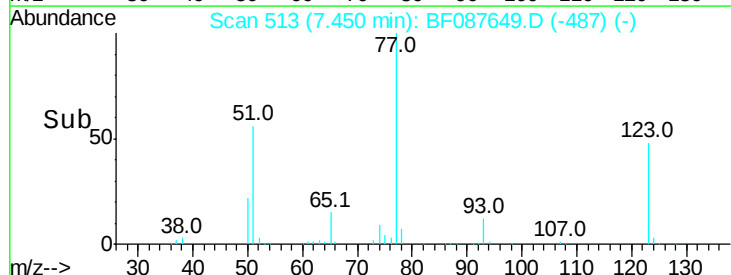
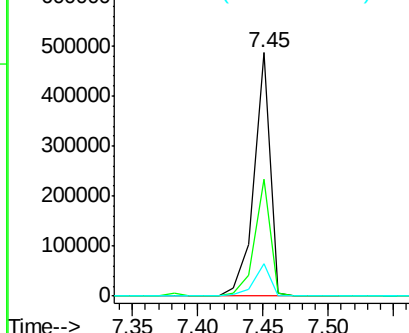


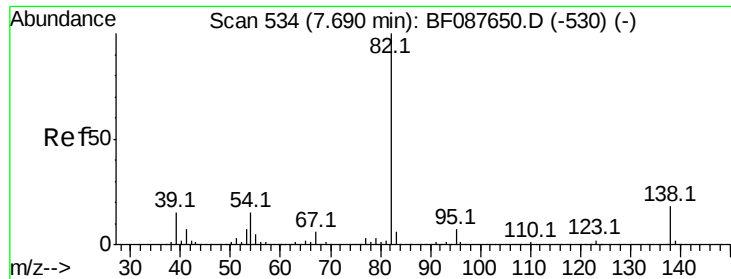
#24
Nitrobenzene
Concen: 44.97 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	45.0	67.4
65	13.5	10.2	15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.04 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

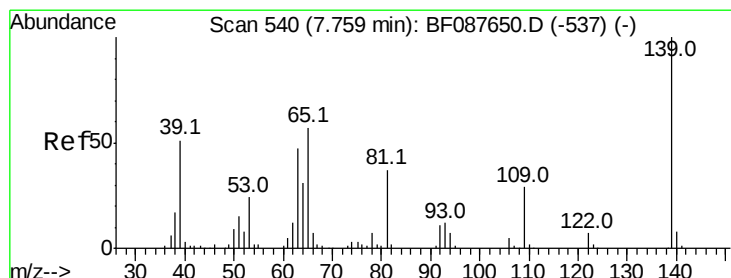
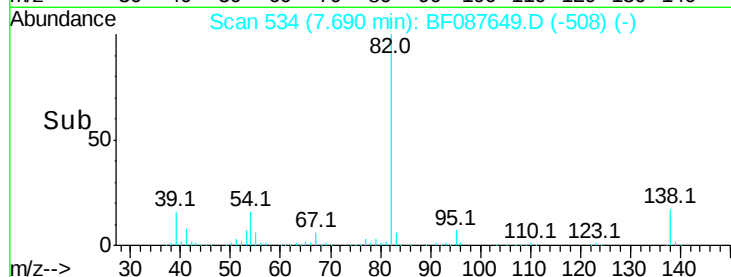
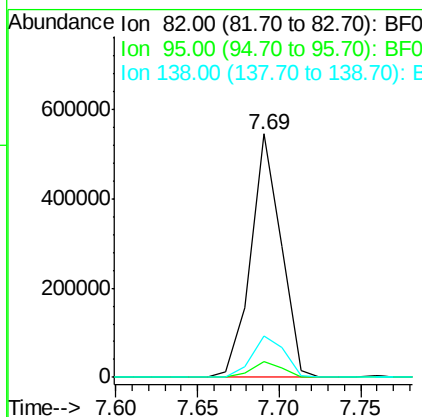
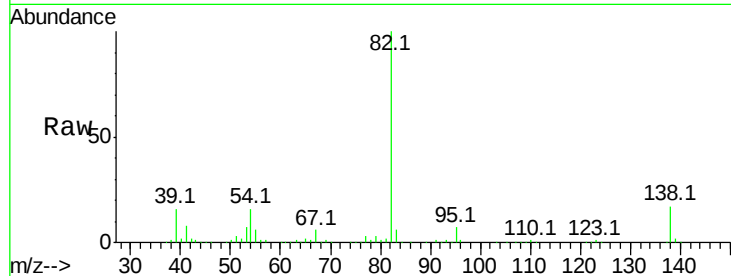
ClientSampleId :

SSTDIC050

Tot Ion:	82	Resp:	703673
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.2
138	17.0	14.6	21.8

Manual Integrations
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6/6/2016 7:17:53 PM



#26

2-Nitrophenol

Concen: 50.05 ng

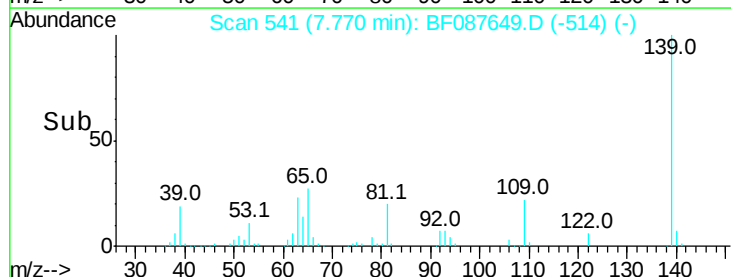
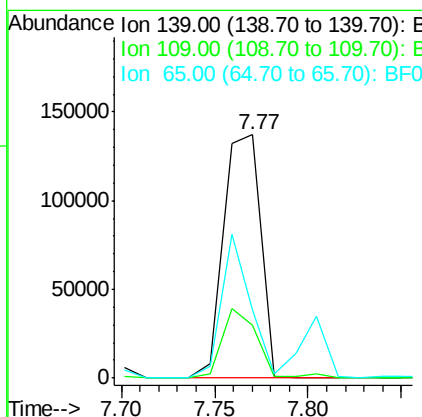
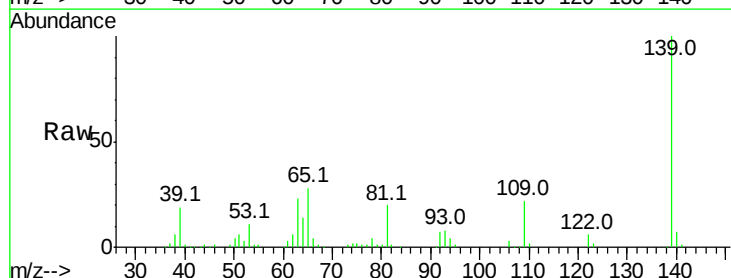
RT: 7.77 min Scan# 541

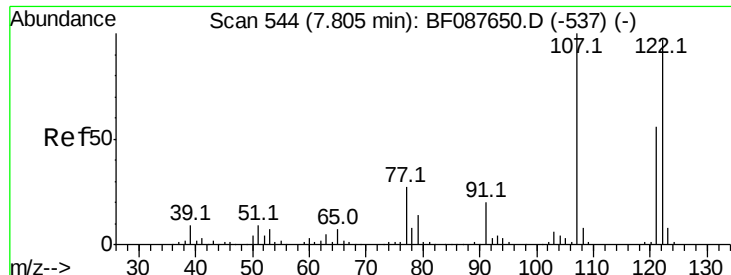
Delta R.T. 0.01 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Tgt Ion:	139	Resp:	191424
Ion Ratio	Lower	Upper	
139	100		
109	21.8	23.0	34.4#
65	27.8	45.8	68.8#





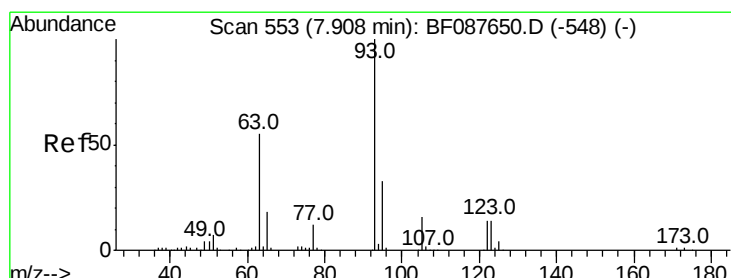
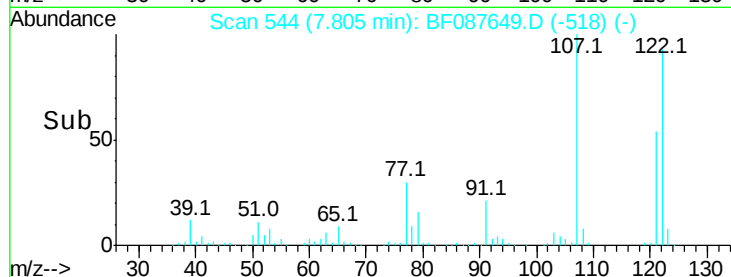
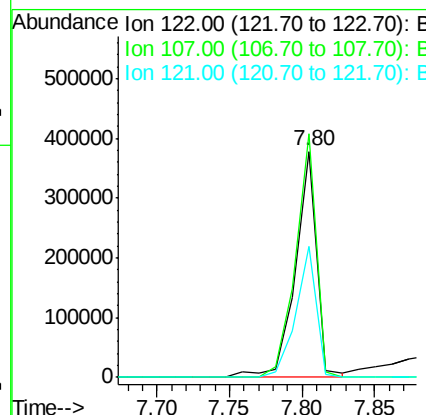
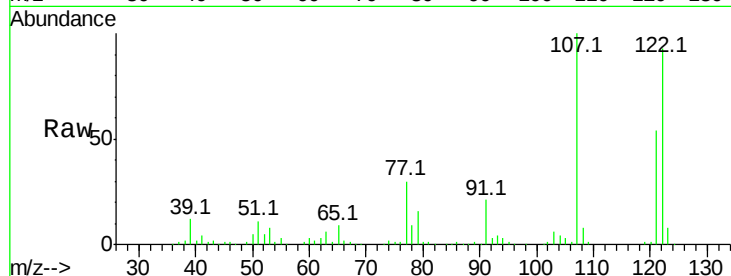
#27
2,4-Dimethylphenol
Concen: 55.49 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
122	100	384592		
107	107.9	82.4	123.6	
121	58.1	46.3	69.5	

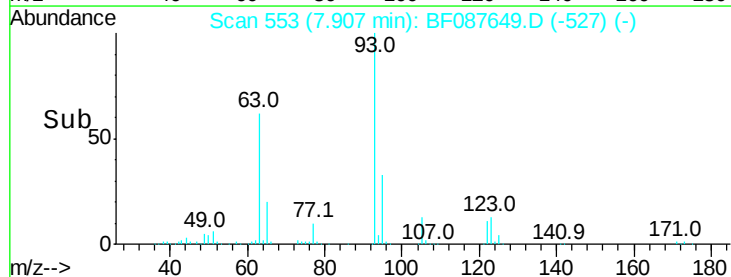
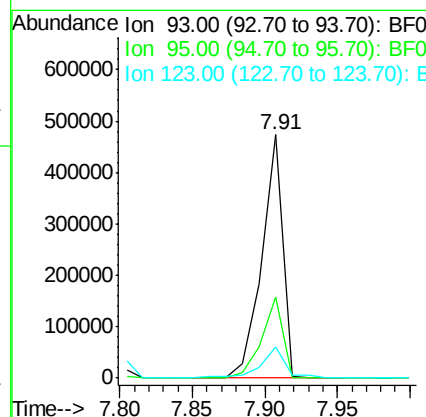
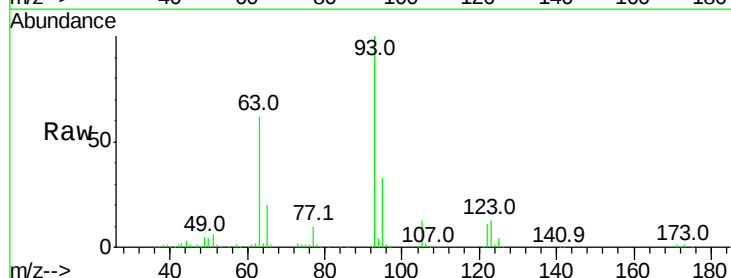
Manual Integrations
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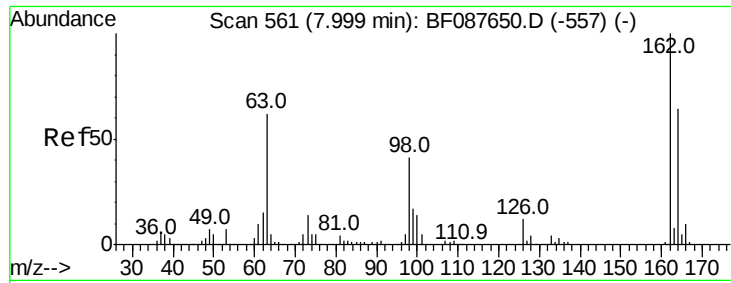
SOHIL
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#28
bis(2-Chloroethoxy)methane
Concen: 51.74 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	472794		
95	33.1	26.5	39.7	
123	13.0	11.6	17.4	





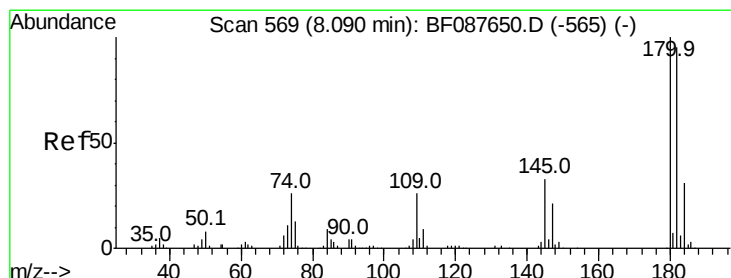
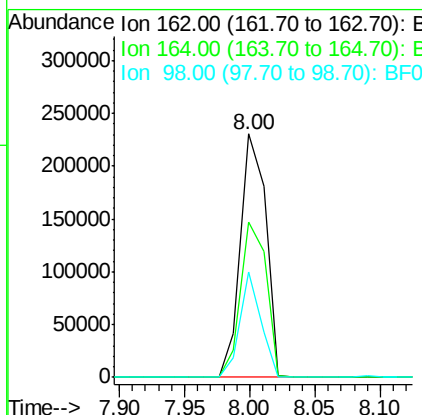
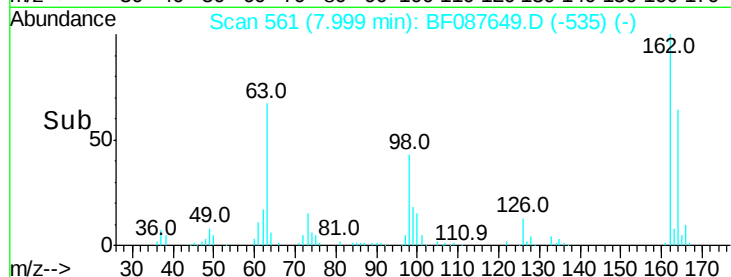
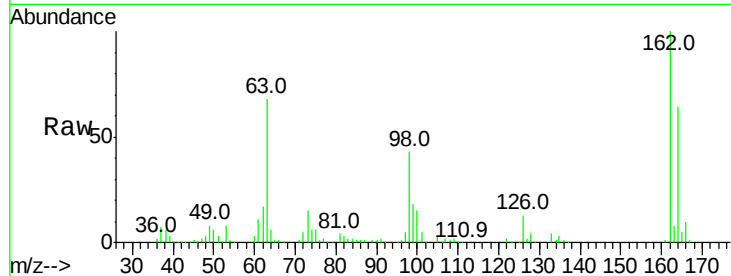
#29
 2,4-Dichlorophenol
 Concen: 51.44 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		313171		
164	63.6	43.8	83.8		
98	43.3	21.3	61.3		

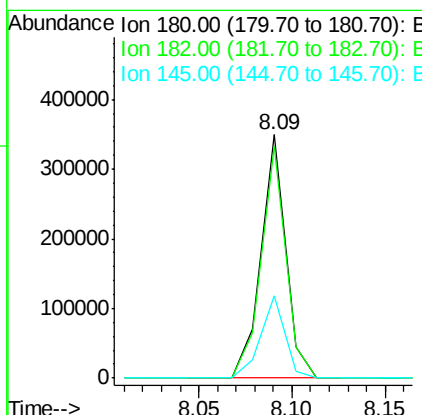
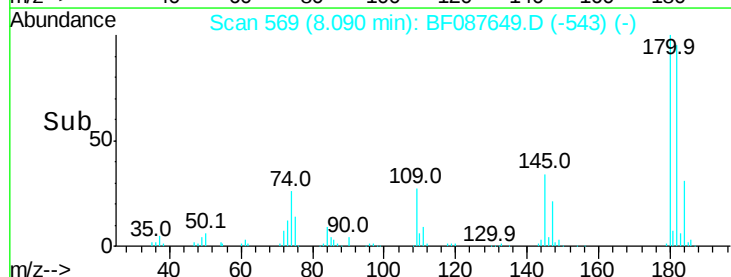
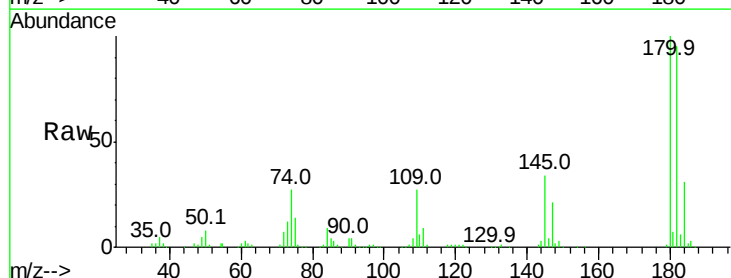
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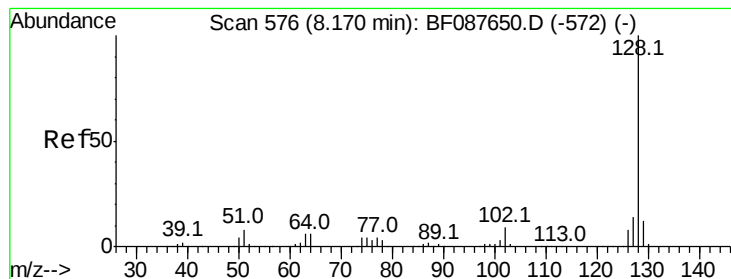
SOHIL
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.92 ng
 RT: 8.09 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		318938		
182	95.1	76.0	114.0		
145	33.8	26.5	39.7		





#31

Naphthalene

Concen: 44.52 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:128 Resp: 1018053

Ion Ratio Lower Upper

128 100

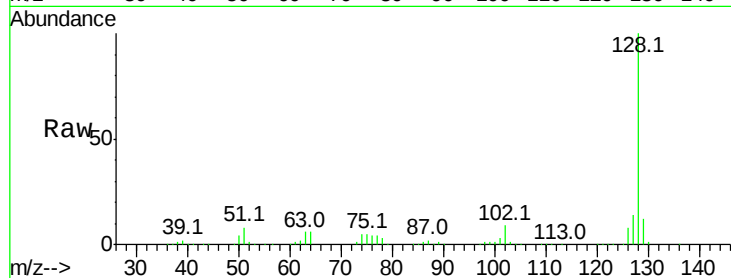
129 11.9 9.4 14.2

127 13.6 10.9 16.3

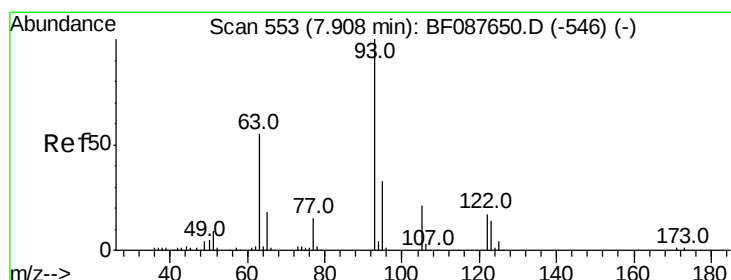
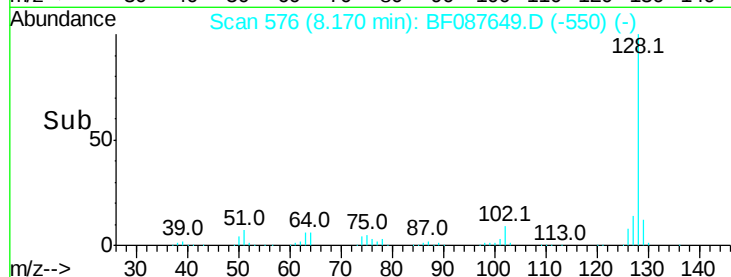
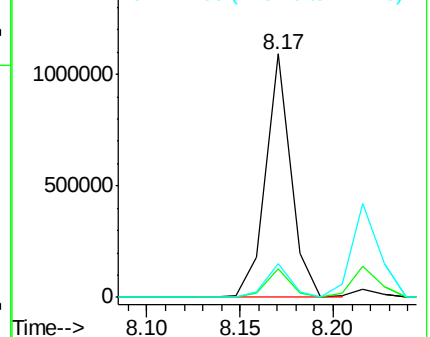
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 60.48 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.02 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

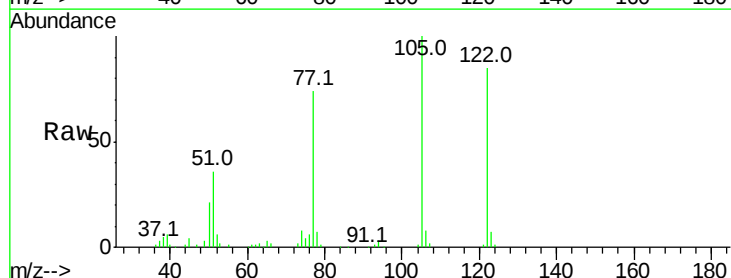
Tgt Ion:122 Resp: 213459

Ion Ratio Lower Upper

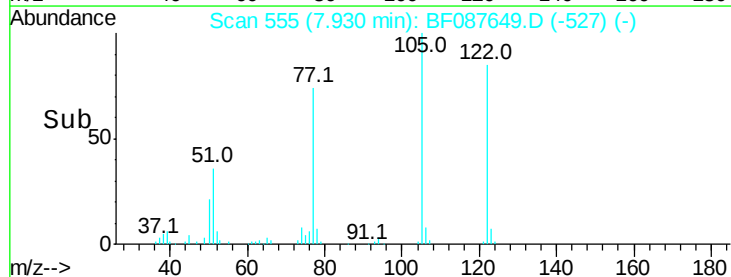
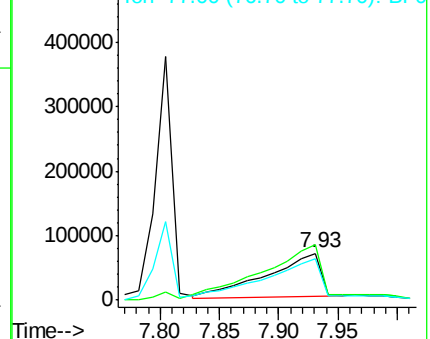
122 100

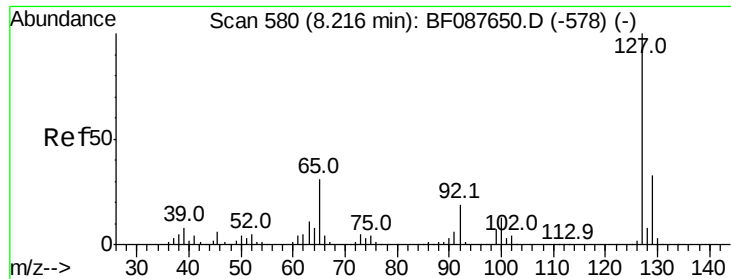
105 117.6 101.6 141.6

77 87.4 70.6 110.6



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





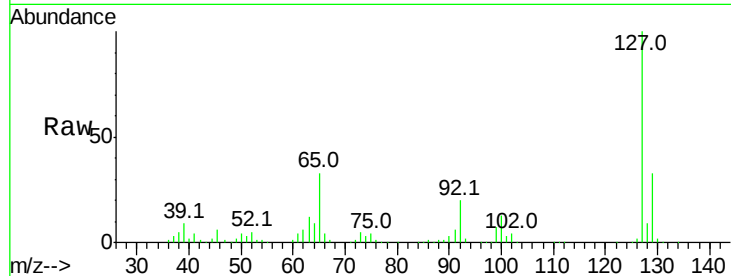
#33
4-Chloroaniline
Concen: 51.32 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

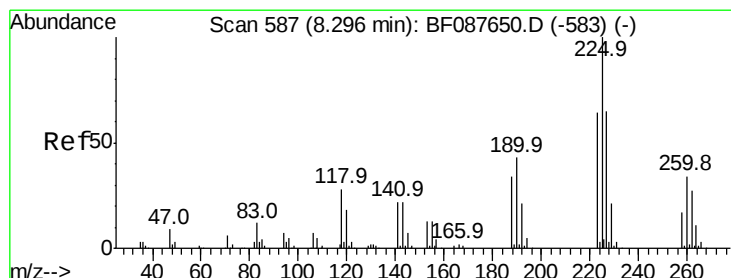
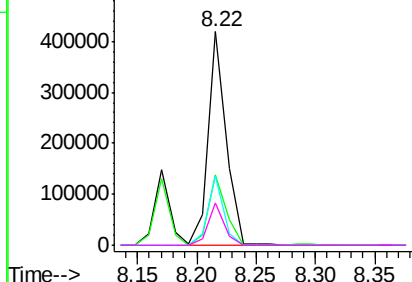
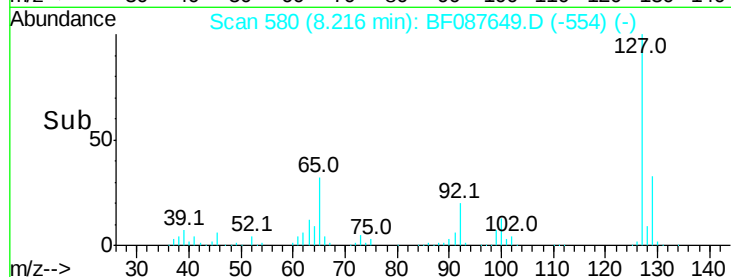
Tot Ion	Ion	Ratio	Resp	Lower	Upper
438241	127	100			
	129	32.8	26.3	39.5	
	65	32.6	24.7	37.1	
	92	19.9	15.4	23.0	

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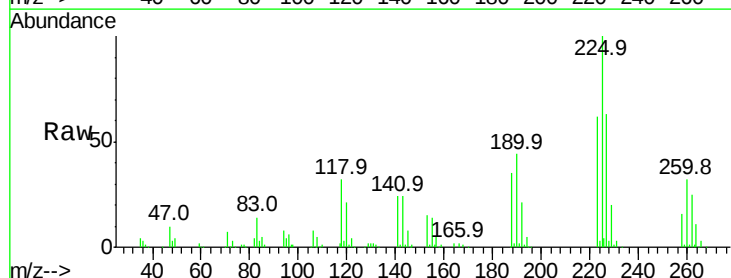


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

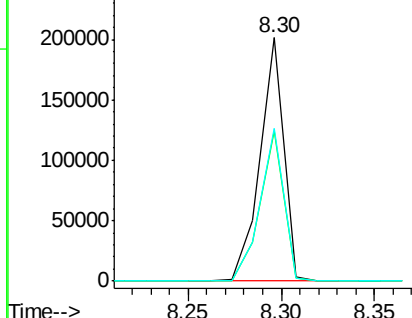
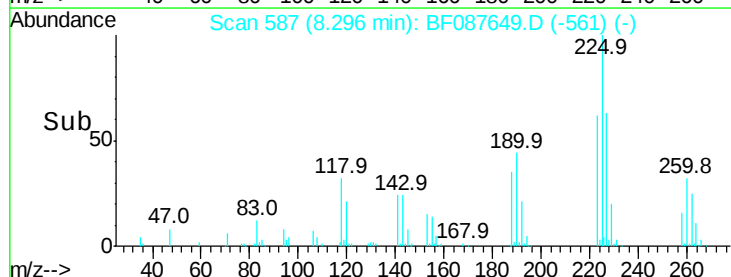


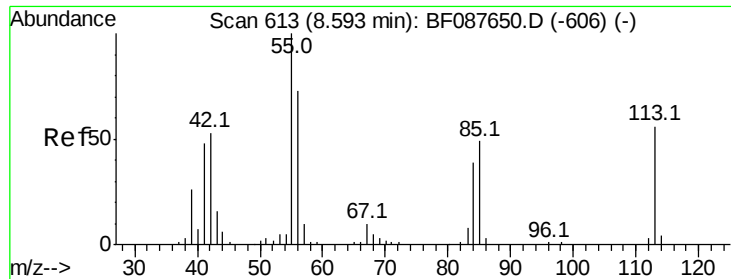
#34
Hexachlorobutadiene
Concen: 42.42 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
176203	225	100			
	223	61.8	50.9	76.3	
	227	62.9	51.9	77.9	



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





#35

Caprolactam

Concen: 59.88 ng

RT: 8.60 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

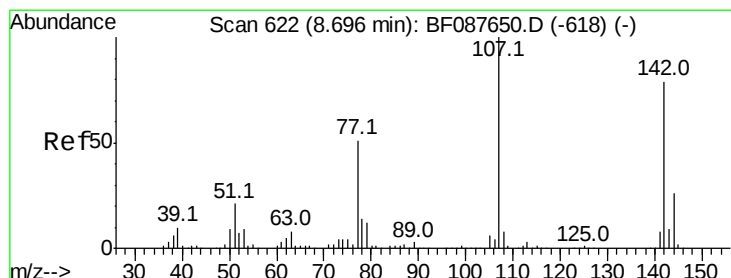
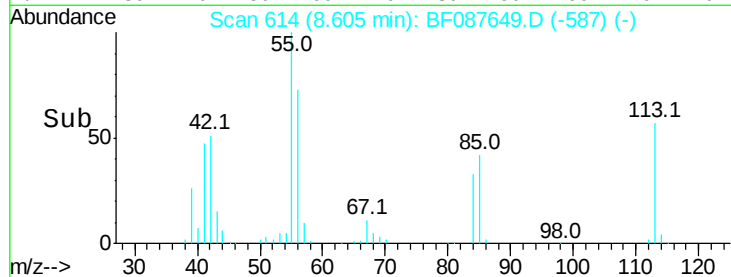
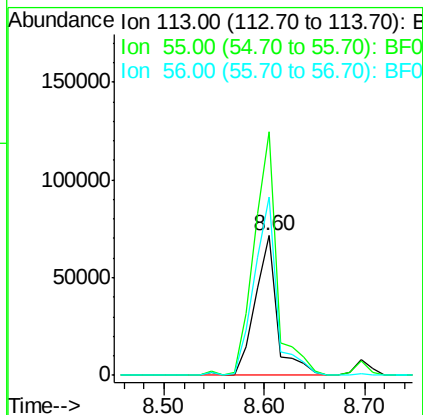
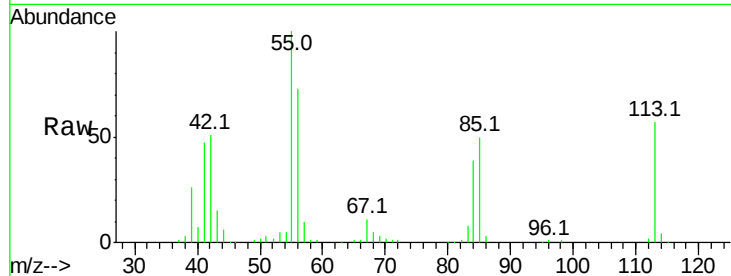
ClientSampleId :

SSTDICC050

Tot Ion:	113	Resp:	108695
Ion Ratio	Lower	Upper	
113	100		
55	174.3	158.6	198.6
56	127.3	110.6	150.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 44.06 ng

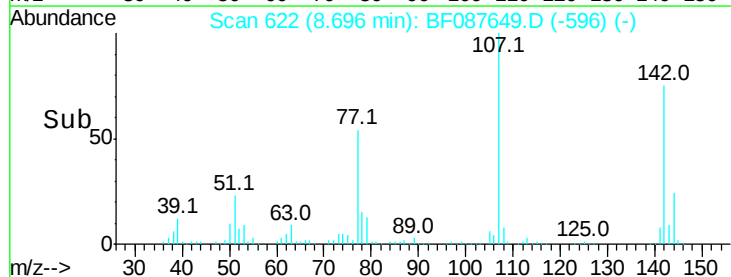
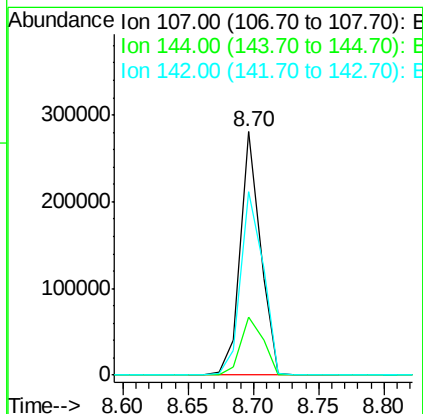
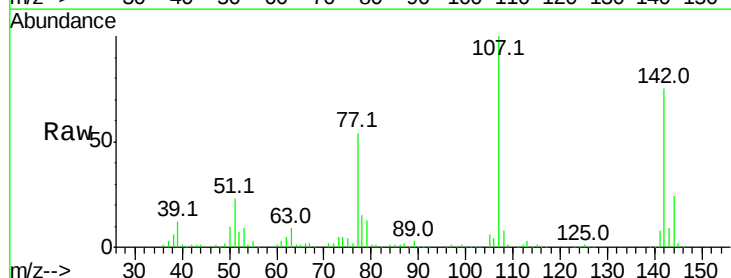
RT: 8.70 min Scan# 622

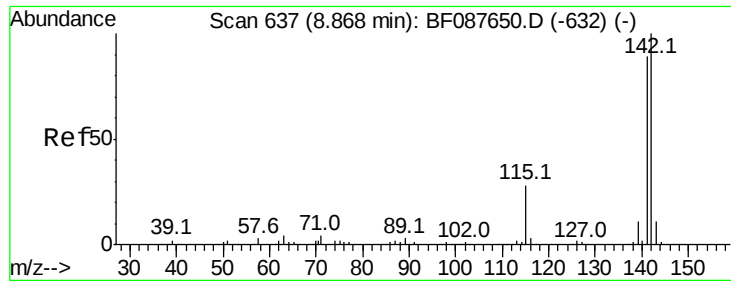
Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Tgt Ion:	107	Resp:	301731
Ion Ratio	Lower	Upper	
107	100		
144	24.0	20.8	31.2
142	75.3	63.4	95.2





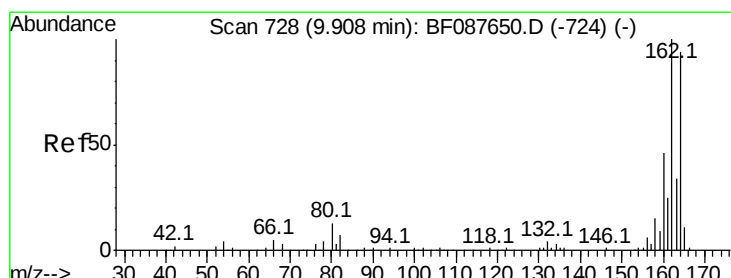
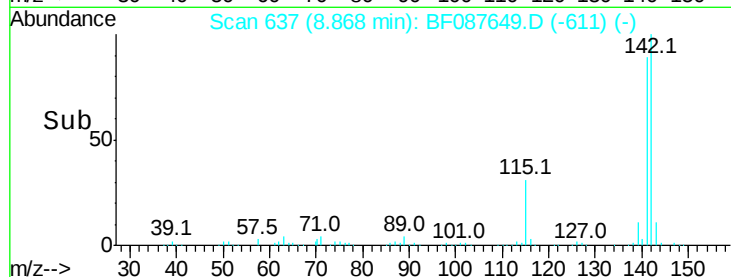
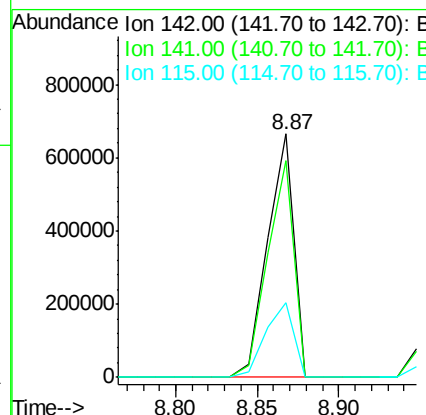
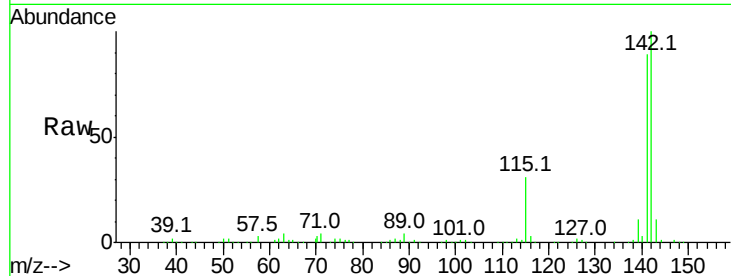
#37
2-Methylnaphthalene
Concen: 52.01 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	30.6	22.6	33.8

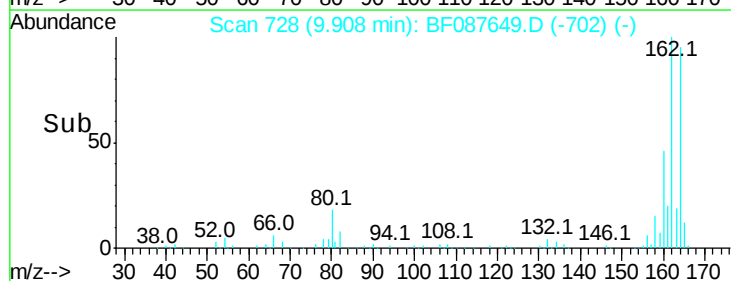
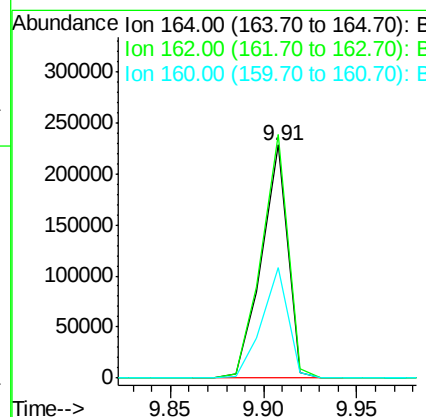
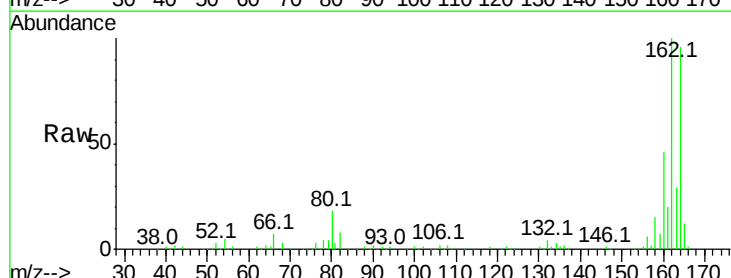
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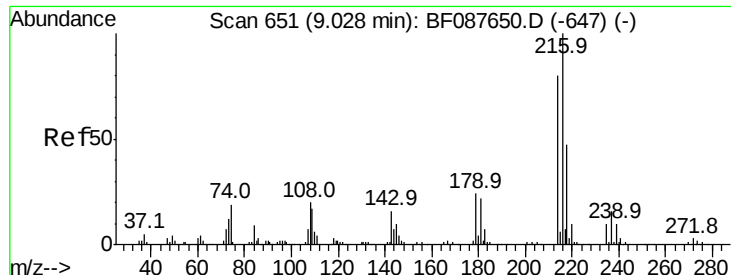
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.4	128.2
160	47.7	39.5	59.3





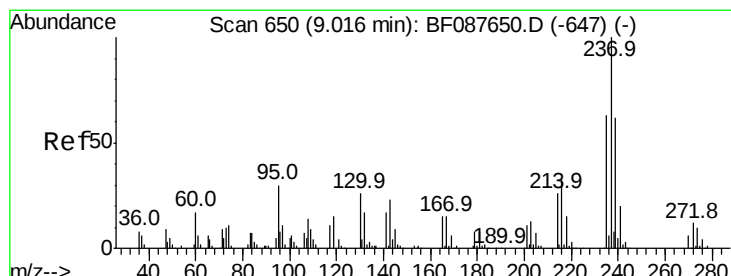
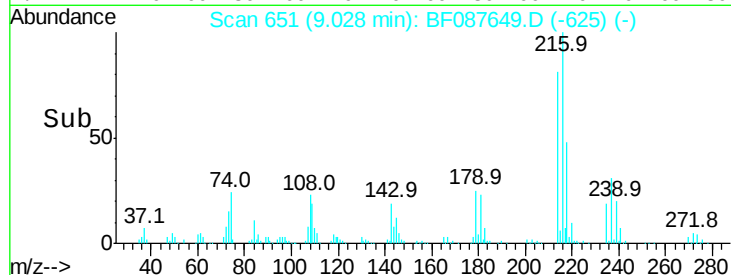
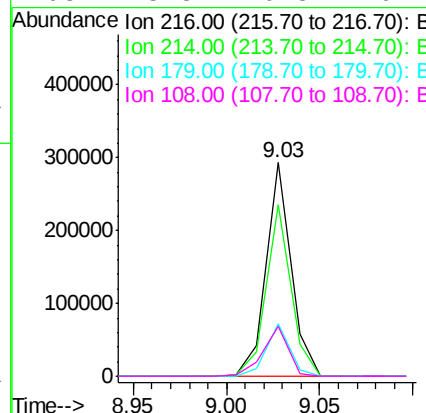
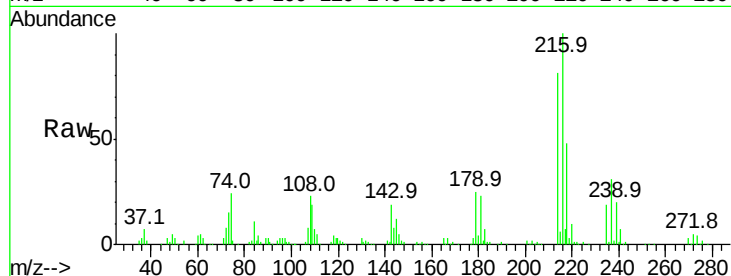
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.14 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
216	100	271603		
214	79.6	2.9	4.3#	
179	23.3	0.0	0.0#	
108	23.3	0.5	0.7#	

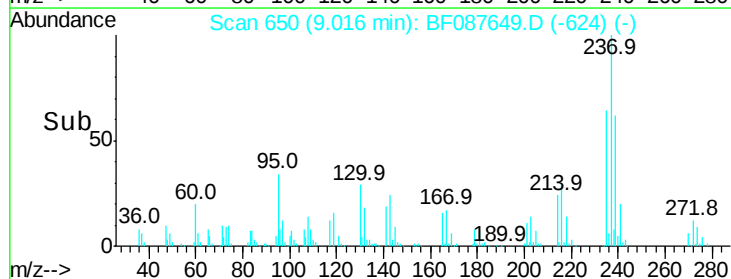
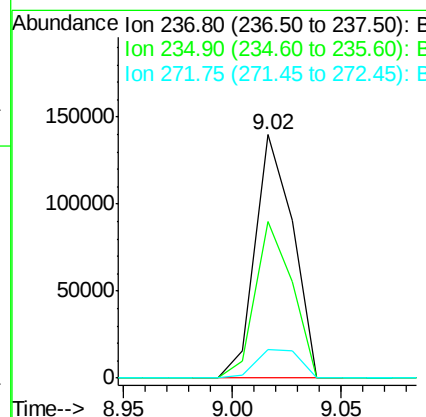
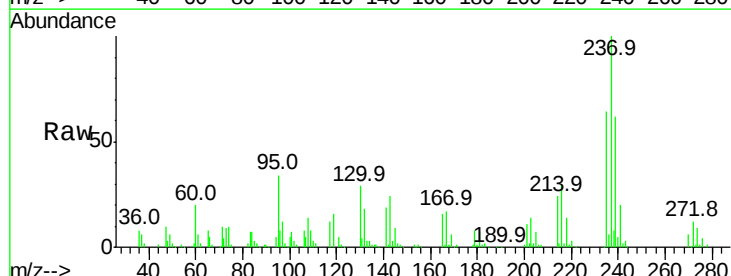
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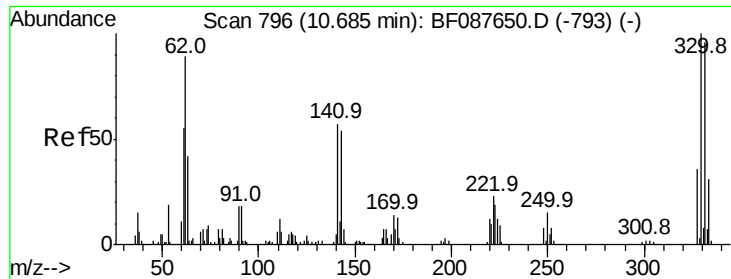
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#40
 Hexachlorocyclopentadiene
 Concen: 69.67 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	168948		
235	64.2	43.4	83.4	
272	12.0	0.0	32.3	





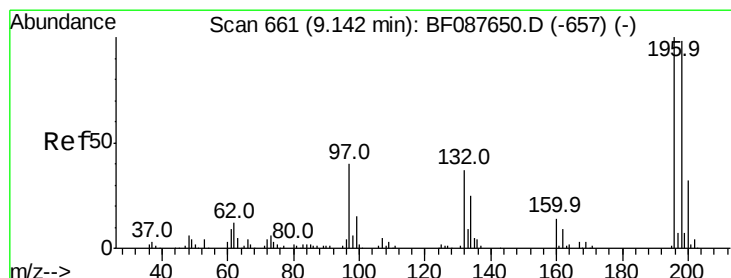
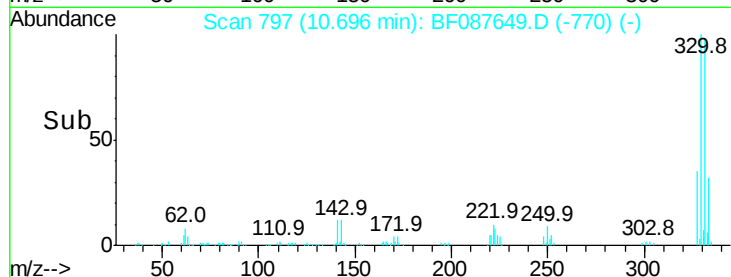
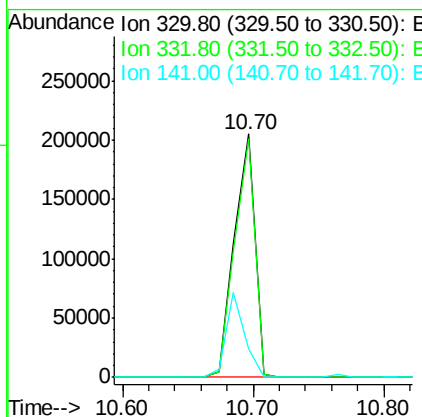
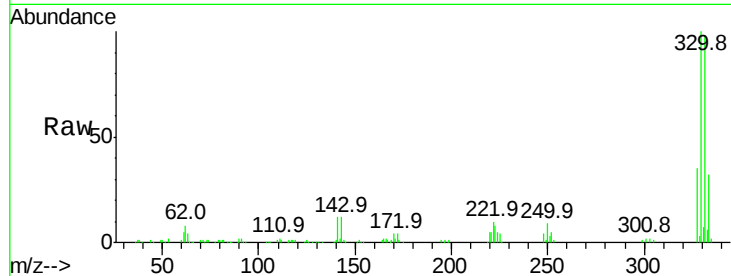
#41
 2,4,6-Tribromophenol
 Concen: 106.29 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	31.4	0.0	0.0#

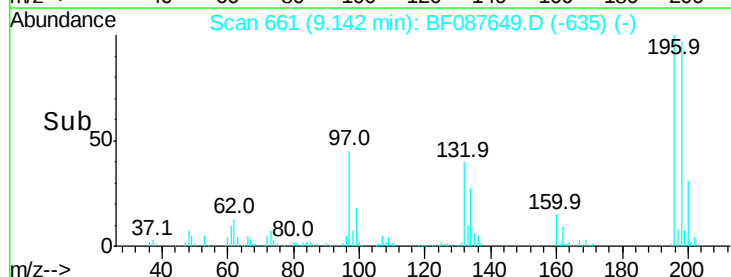
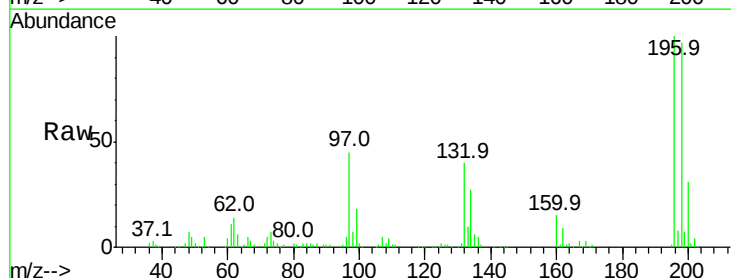
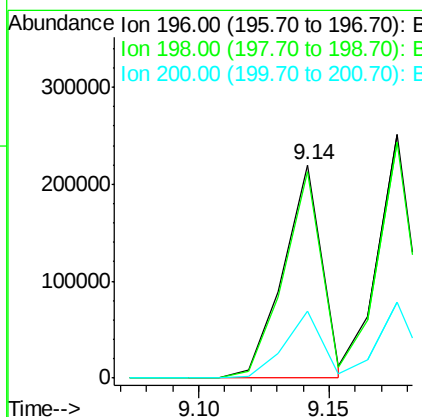
Manual Integrations
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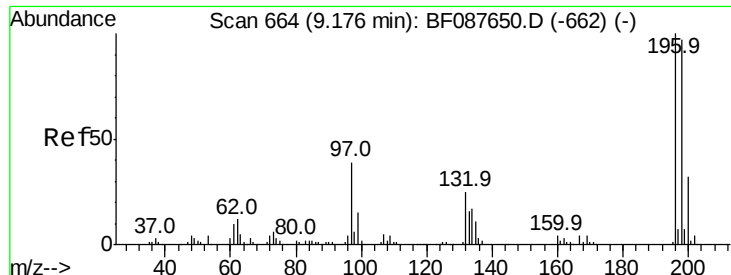
SOHIL
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#42
 2,4,6-Trichlorophenol
 Concen: 54.61 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	97.0	78.0	117.0
200	31.4	25.4	38.2





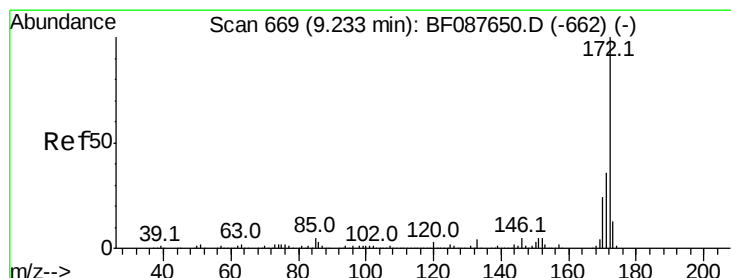
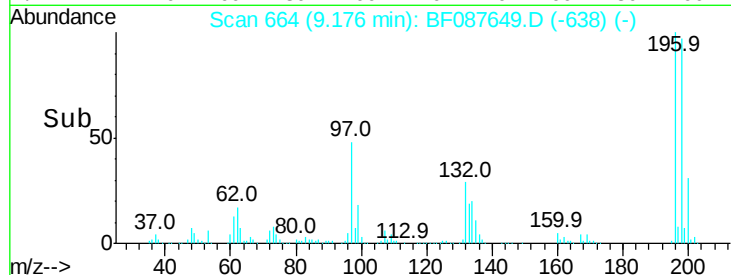
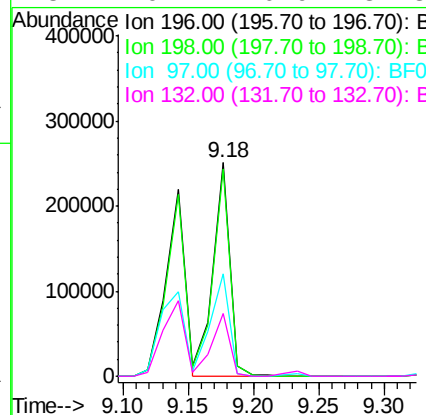
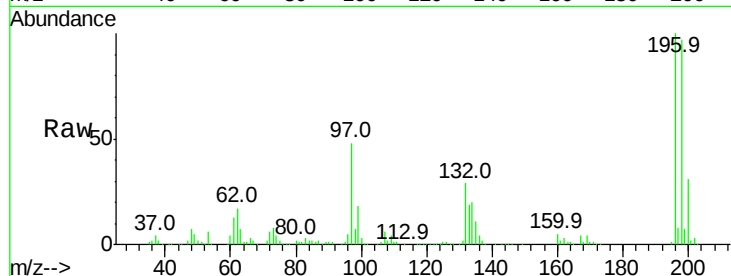
#43
 2,4,5-Trichlorophenol
 Concen: 53.89 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	226836		
198	96.9	77.5	116.3	
97	48.2	32.0	48.0	
132	29.2	20.9	31.3	

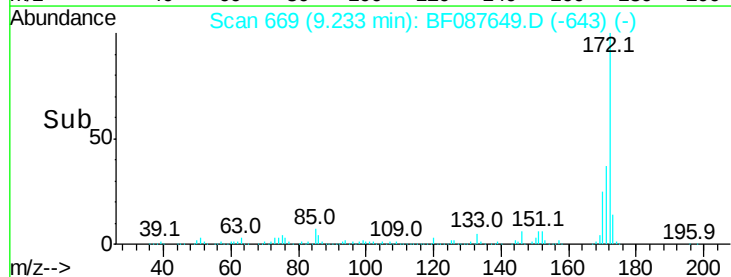
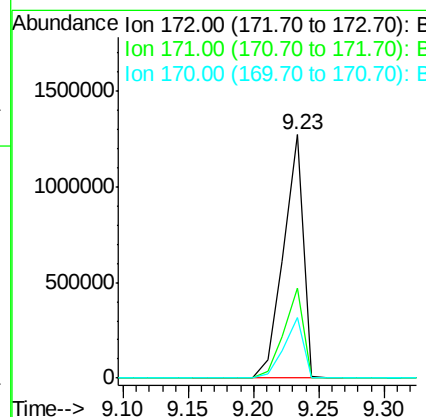
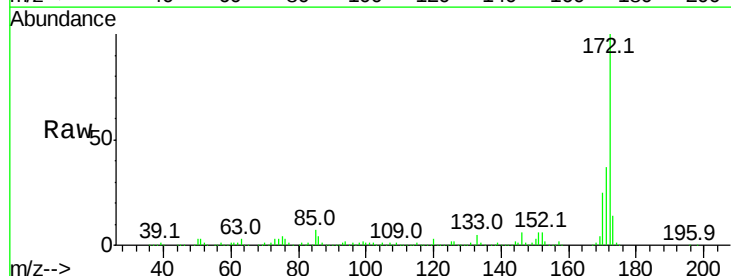
Manual Integrations
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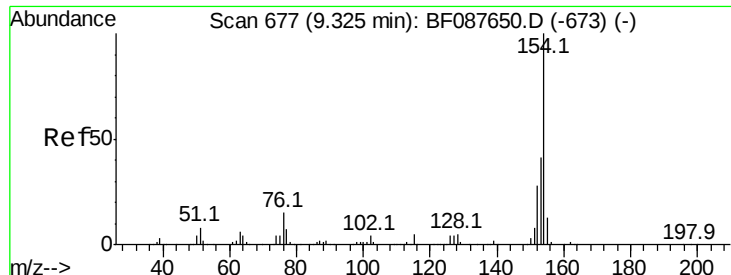
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#44
 2-Fluorobiphenyl
 Concen: 87.48 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1369204		
171	36.9	28.6	43.0	
170	25.1	19.2	28.8	





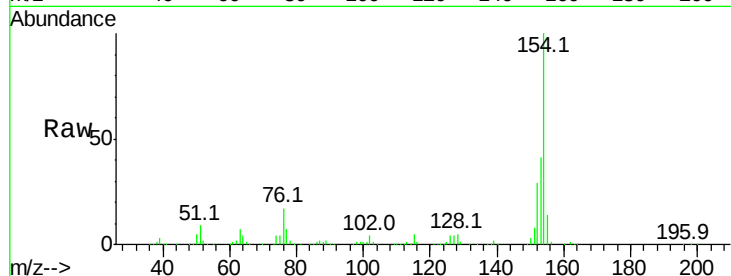
#45
 1,1'-Biphenyl
 Concen: 44.73 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

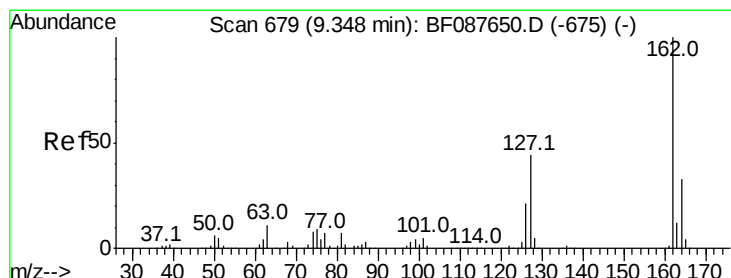
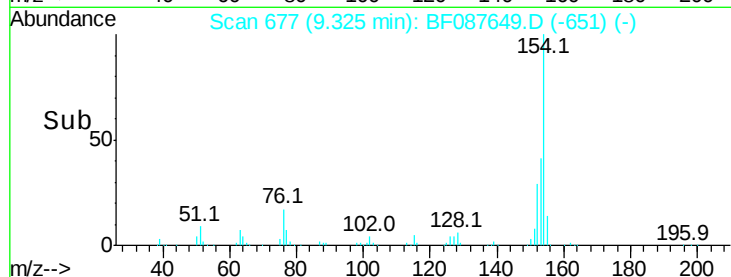
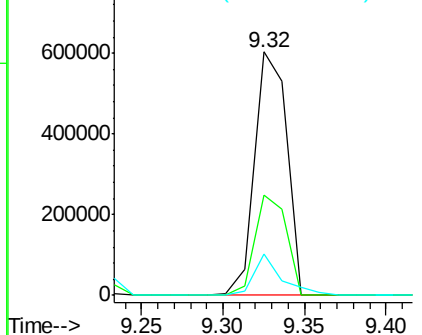
Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.1	20.6	60.6
76	16.8	0.0	35.1

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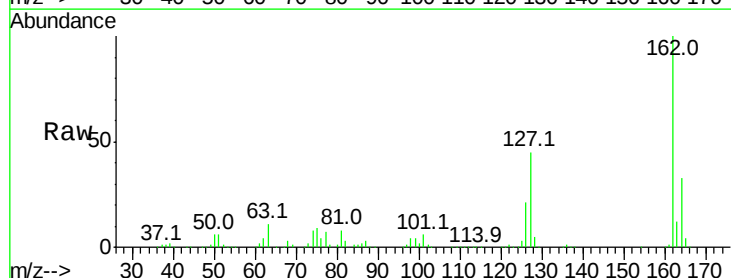


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

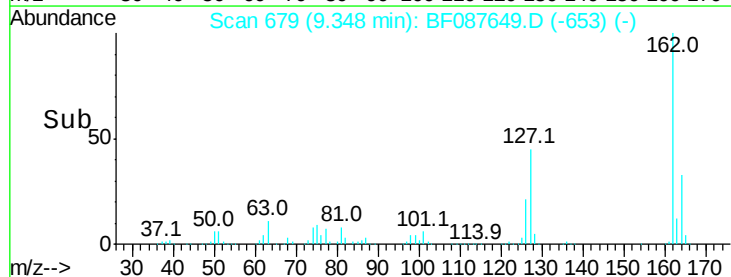
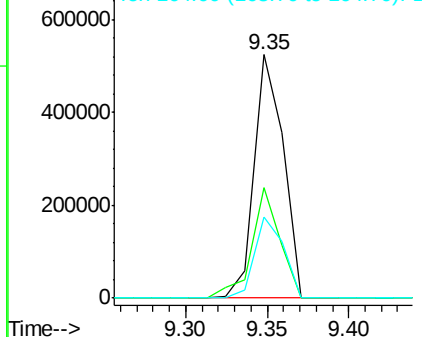


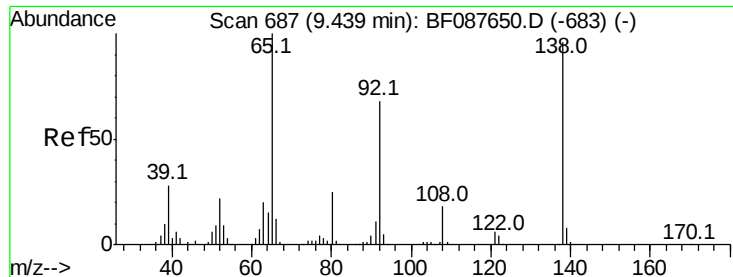
#46
 2-Chloronaphthalene
 Concen: 45.94 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	45.2	35.2	52.8
164	33.4	26.6	39.8



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: 39.69 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

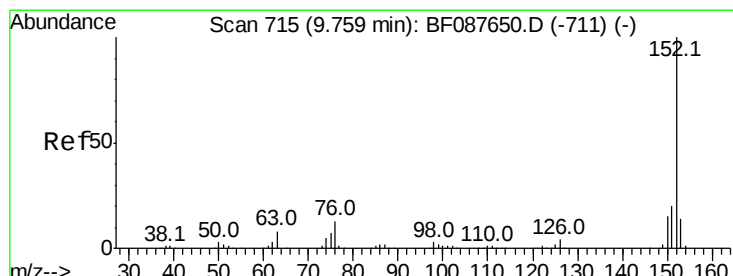
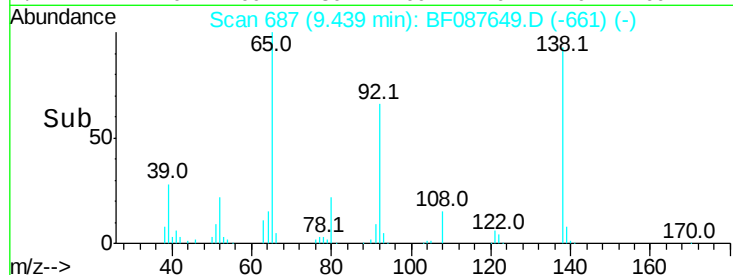
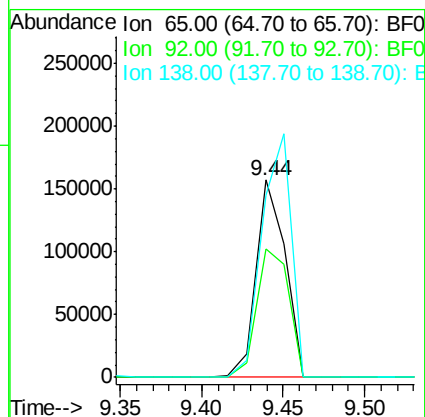
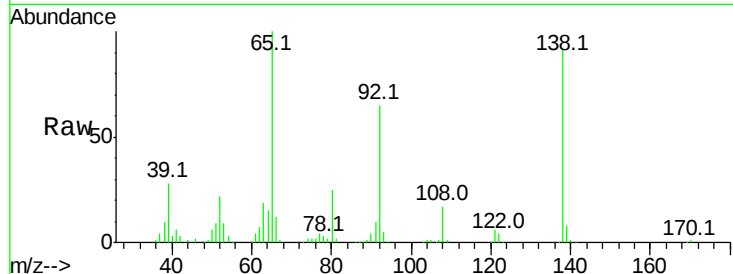
ClientSampleId :

SSTDIC050

Tot Ion:	65	Resp:	194929
Ion Ratio	Lower	Upper	
65	100		
92	65.3	54.6	82.0
138	92.5	77.0	115.4

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#48

Acenaphthylene

Concen: 50.33 ng

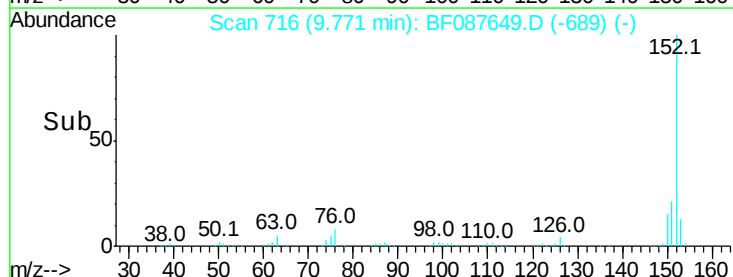
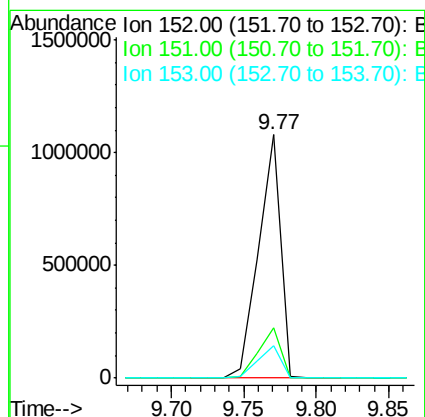
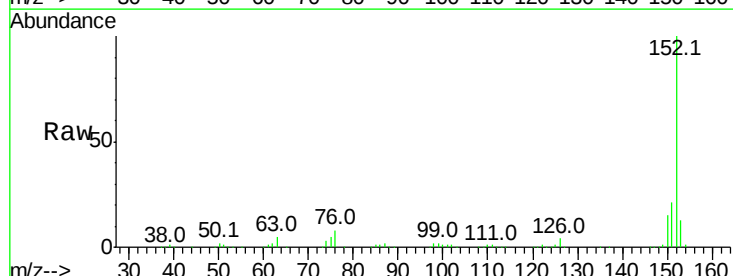
RT: 9.77 min Scan# 716

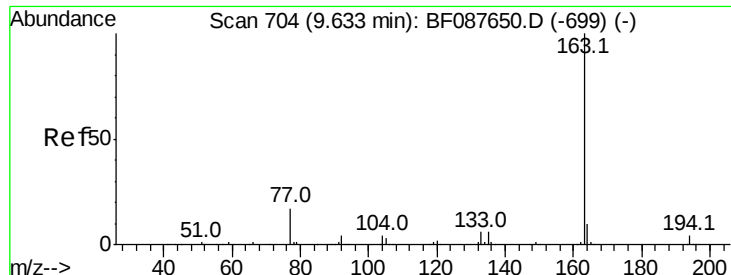
Delta R.T. 0.01 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Tgt Ion:	152	Resp:	1132169
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.2	24.4
153	13.4	11.0	16.6





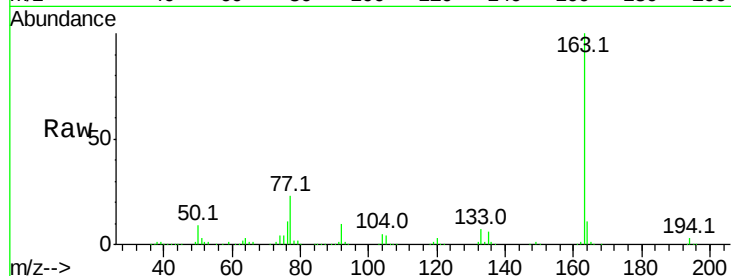
#49
Dimethylphthalate
Concen: 39.68 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
163	100	698343		
194	3.3		2.8	4.2
164	10.6		8.3	12.5

Manual Integrations
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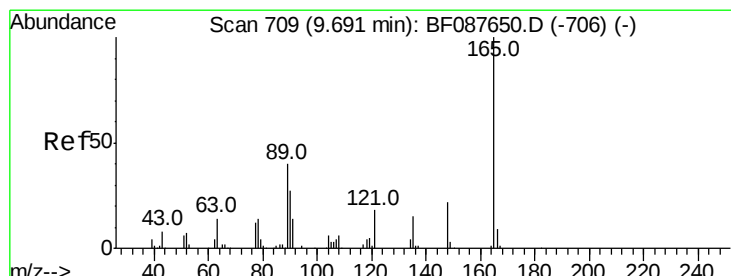
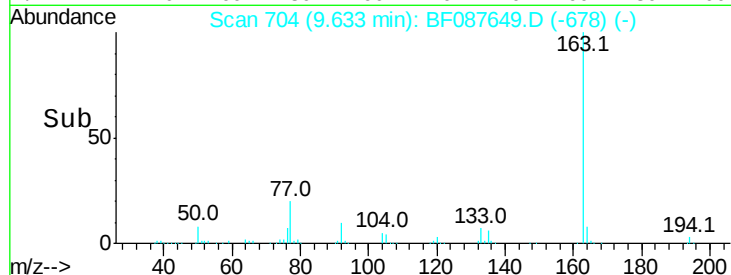
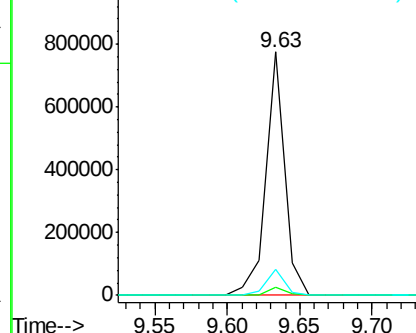


Abundance

Ion 163.00 (162.70 to 163.70): E

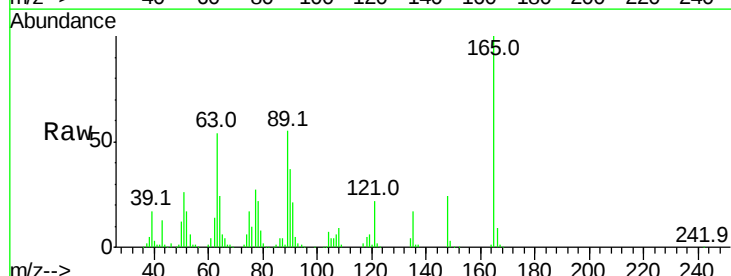
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 49.57 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	179823		
63	53.8		28.1	42.1#
89	54.9		32.2	48.2#

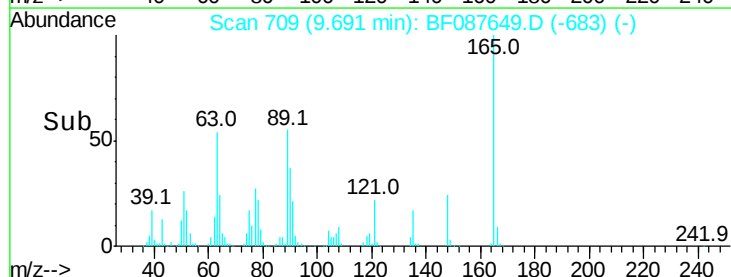
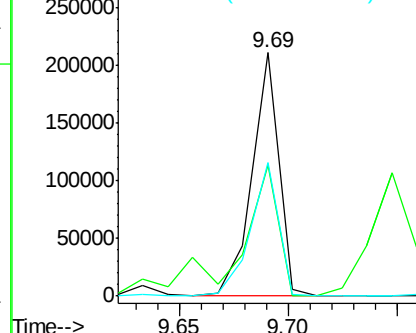


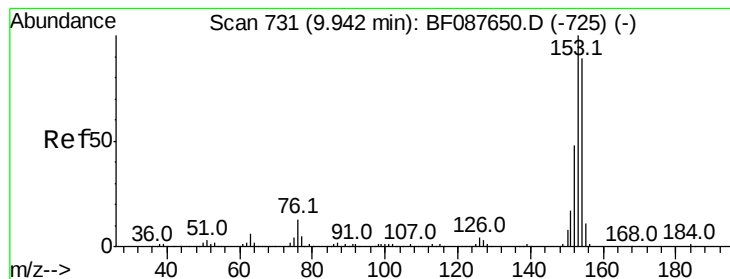
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 50.38 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

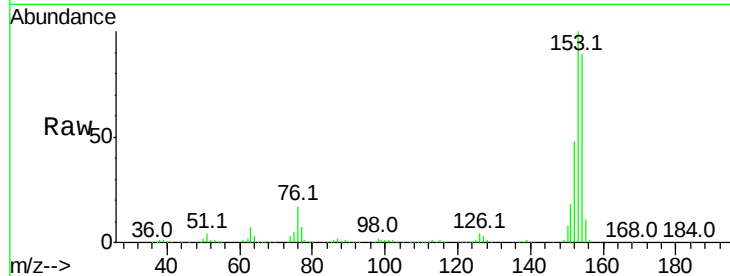
ClientSampleId :

SSTDICC050

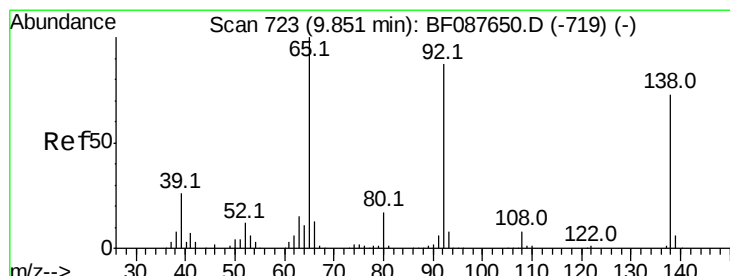
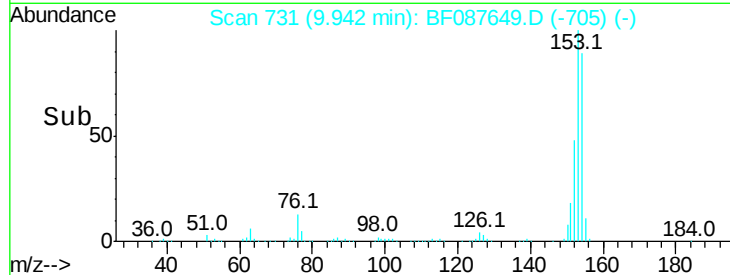
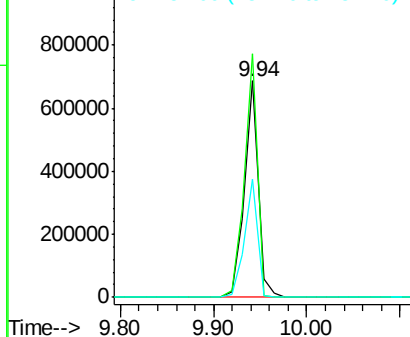
Tot Ion:	154	Resp:	704916
Ion Ratio	Lower	Upper	
154	100		
153	112.4	89.5	134.3
152	54.4	42.7	64.1

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



#52

3-Nitroaniline

Concen: 60.60 ng

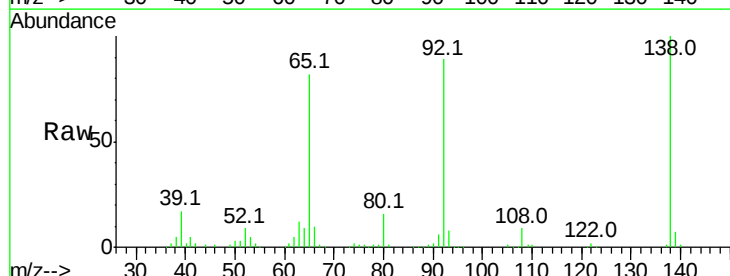
RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

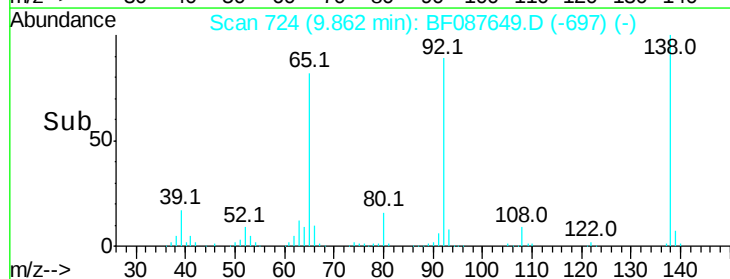
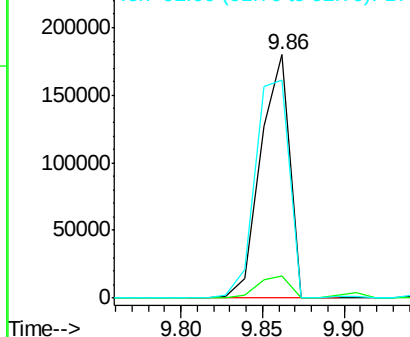
Lab File: BF087649.D

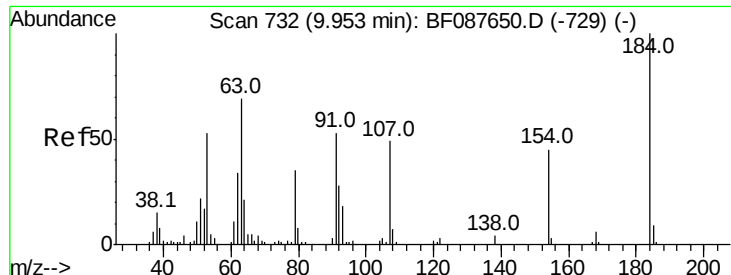
Acq: 4 Jun 2016 3:50

Tgt Ion:	138	Resp:	221961
Ion Ratio	Lower	Upper	
138	100		
108	9.0	8.5	12.7
92	89.4	95.7	143.5#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





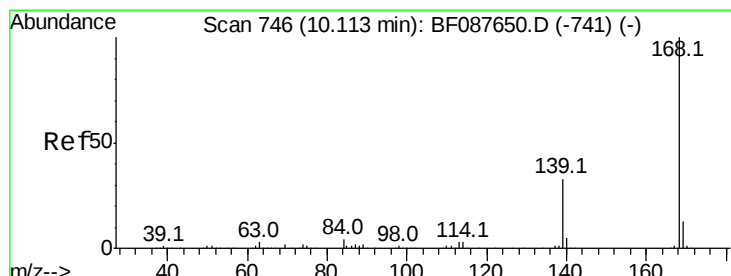
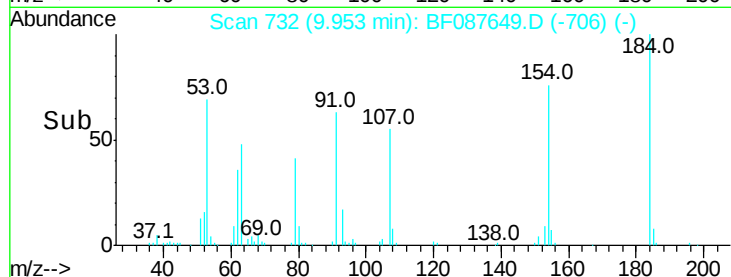
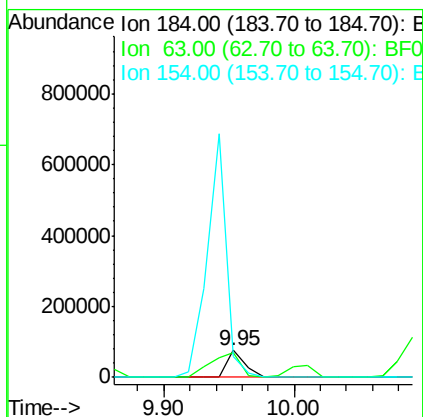
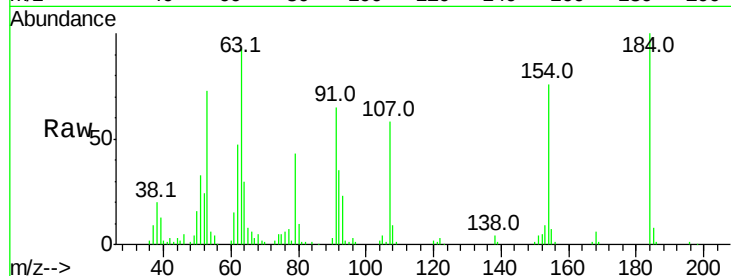
#53
 2,4-Dinitrophenol
 Concen: 48.45 ng
 RT: 9.95 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
184	100	73228		
63	92.9	57.6	86.4#	
154	76.2	53.5	80.3	

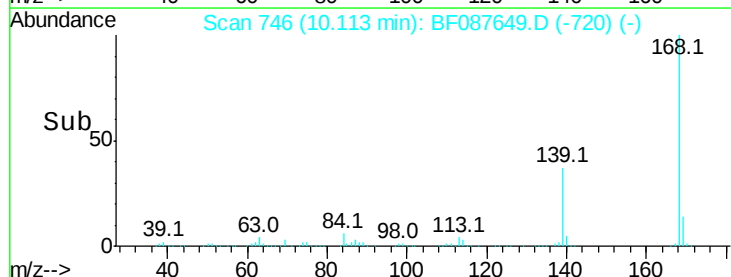
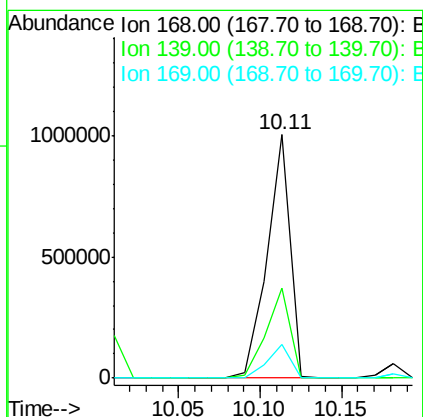
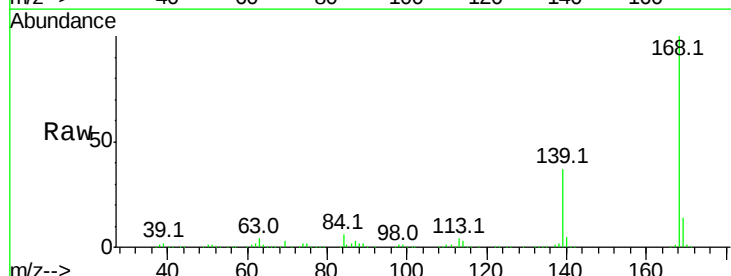
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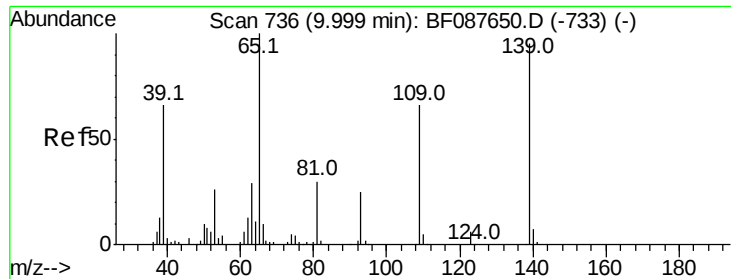
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#54
 Dibenzofuran
 Concen: 51.76 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	985227		
139	37.2	26.4	39.6	
169	13.8	10.4	15.6	





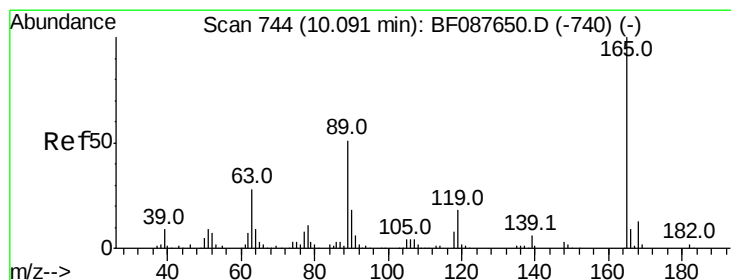
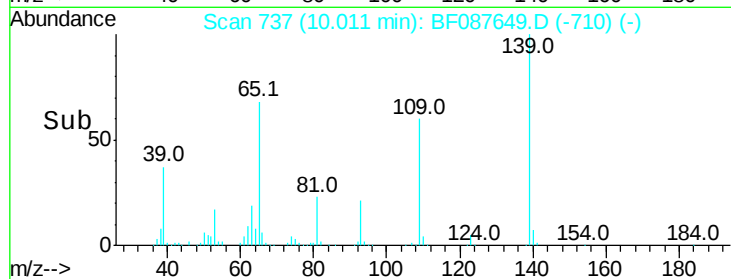
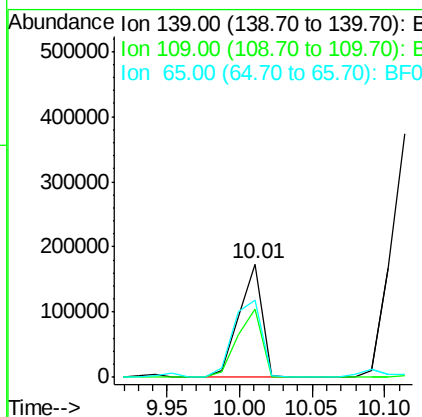
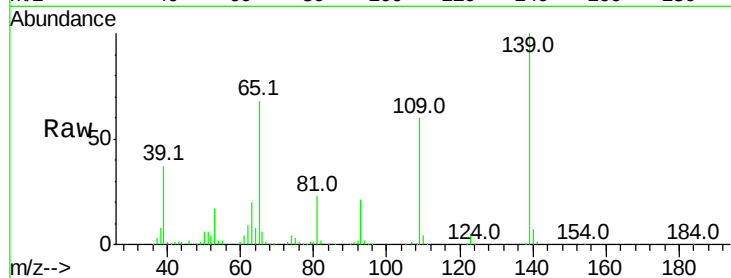
#55
4-Nitrophenol
Concen: 99.00 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
139	100	193529		
109	59.8	48.9	88.9	
65	67.7	84.9	124.9	

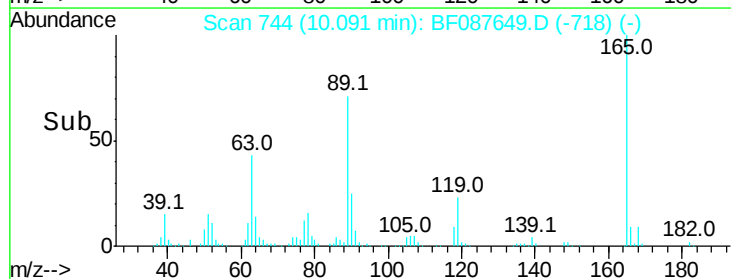
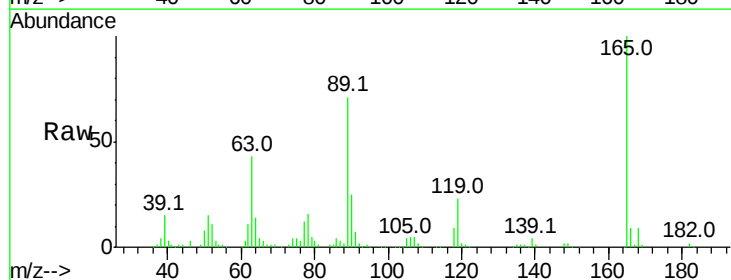
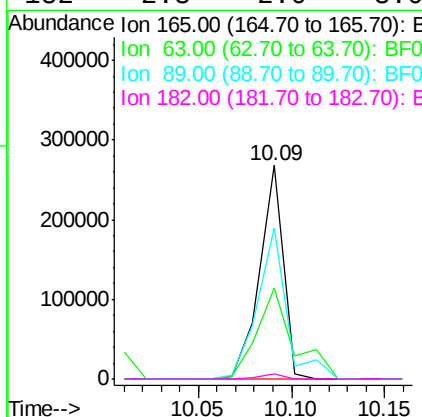
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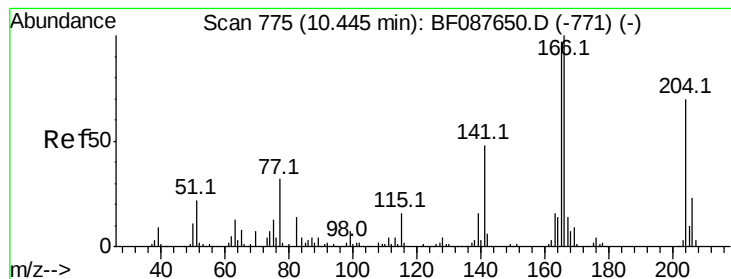
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#56
2,4-Dinitrotoluene
Concen: 49.65 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	238385		
63	42.6	22.0	33.0	#
89	70.7	41.1	61.7	#
182	2.3	2.0	3.0	





#57

Fluorene

Concen: 45.60 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:166 Resp: 726972

Ion Ratio Lower Upper

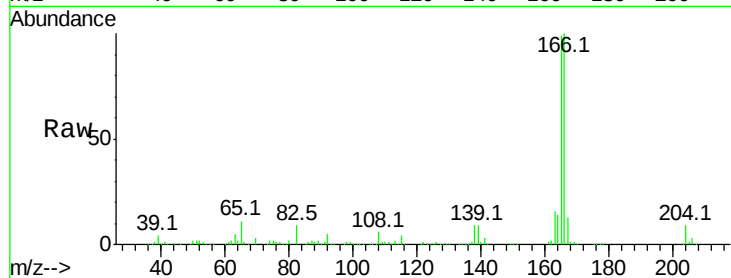
166 100

165 98.8 77.8 116.8

167 13.4 11.2 16.8

Manual Integrations
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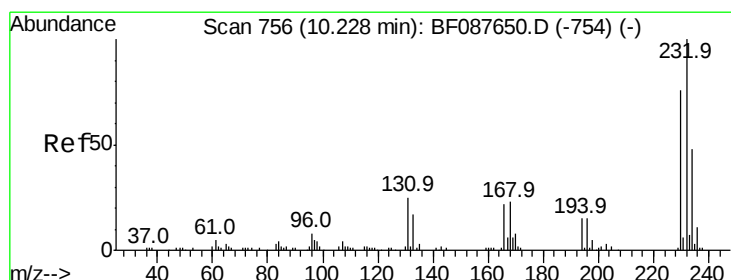
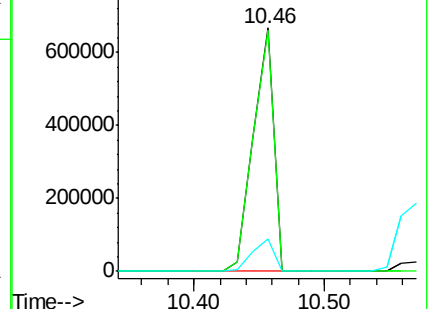
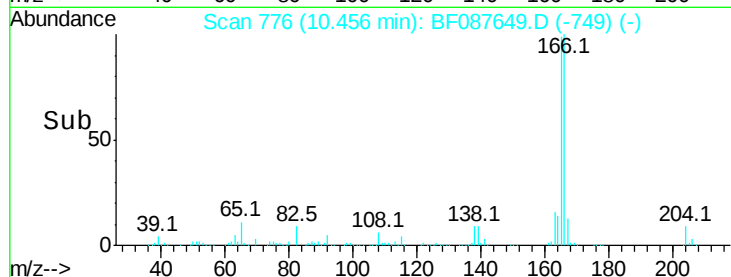
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.64 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Tgt Ion:232 Resp: 185556

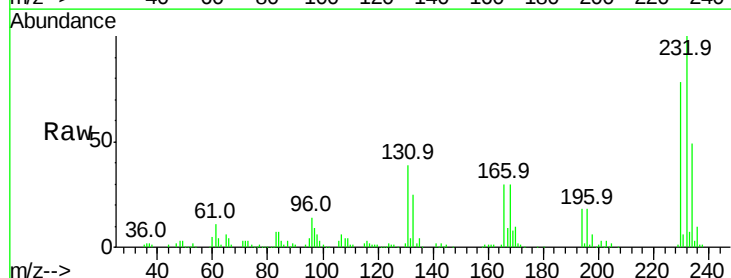
Ion Ratio Lower Upper

232 100

131 49.1 0.9 1.3#

130 2.4 1.5 2.3#

166 34.4 0.5 0.7#

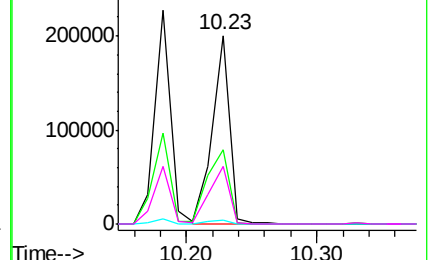
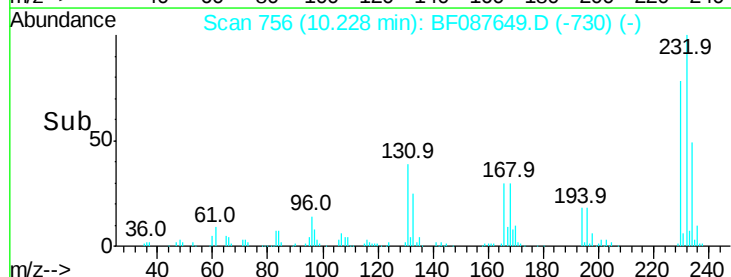


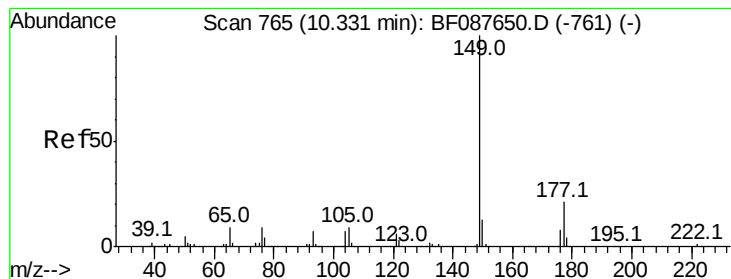
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.91 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

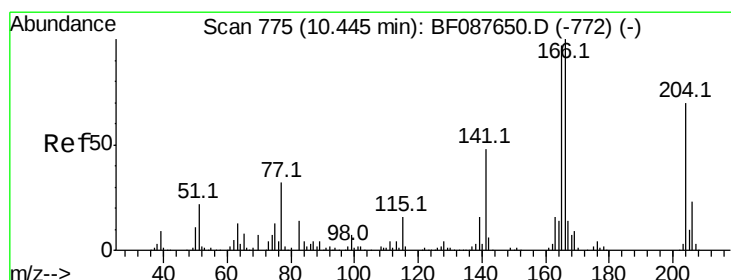
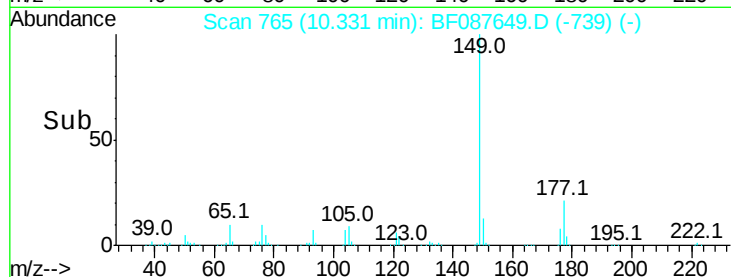
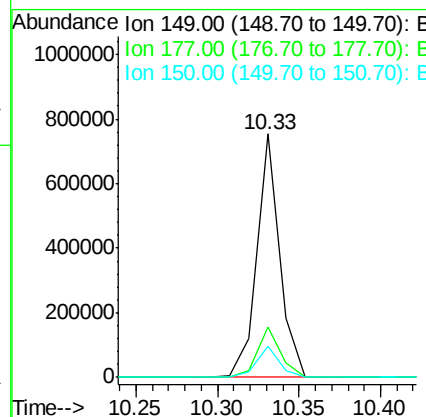
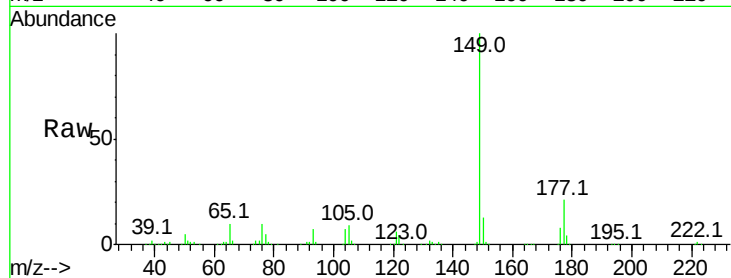
ClientSampleId :

SSTDIC050

Tot Ion:	149	Resp:	731879
Ion Ratio	Lower	Upper	
149	100		
177	20.7	16.9	25.3
150	12.8	10.1	15.1

Manual Integrations
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6/6/2016 7:17:53 PM



#60

4-Chlorophenyl-phenylether

Concen: 35.55 ng

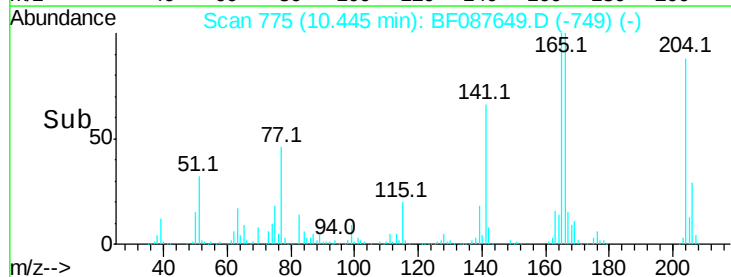
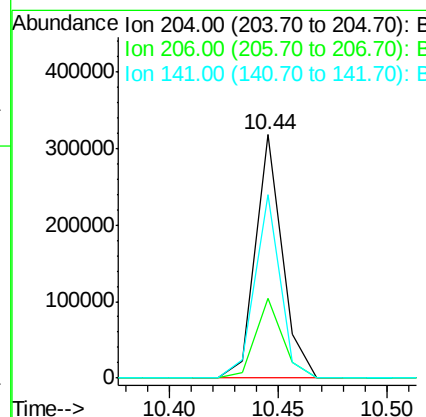
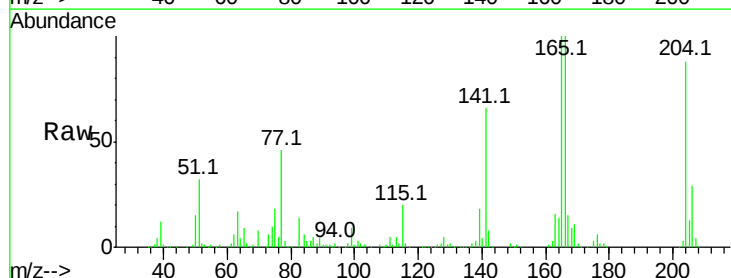
RT: 10.44 min Scan# 775

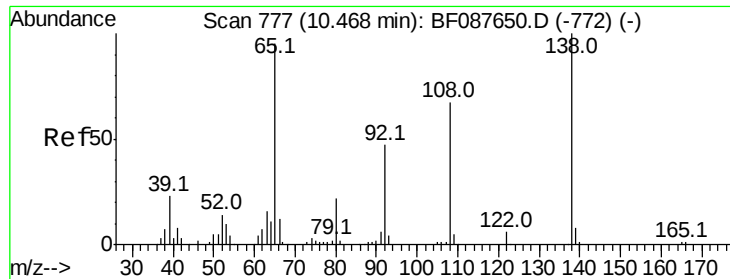
Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Tgt Ion:	204	Resp:	273378
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.3	39.5
141	75.3	55.0	82.6





#61

4-Nitroaniline

Concen: 52.44 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

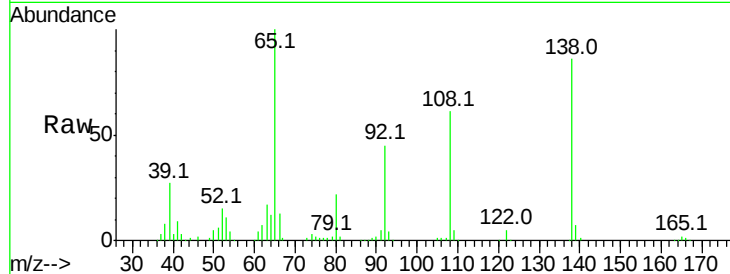
ClientSampleId :

SSTDIC050

Tot Ion:	138	Resp:	184016
Ion Ratio	Lower	Upper	
138	100		
92	52.3	27.3	67.3
108	70.5	46.7	86.7

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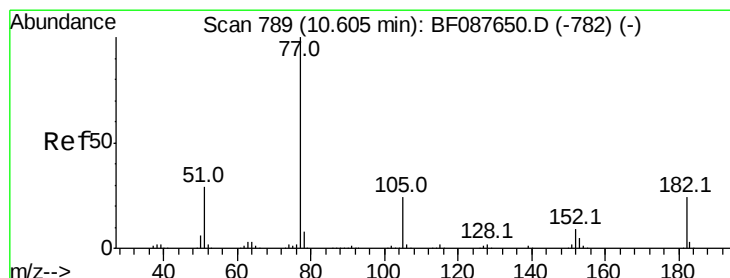
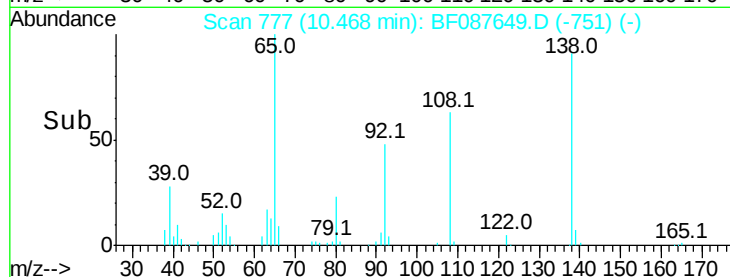
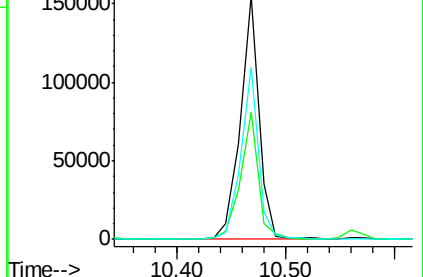
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.30 ng

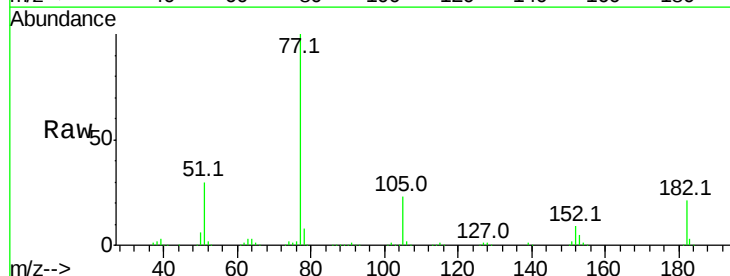
RT: 10.60 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Tgt Ion:	77	Resp:	787996
Ion Ratio	Lower	Upper	
77	100		
182	21.5	4.4	44.4
105	22.8	3.8	43.8
51	29.7	9.3	49.3

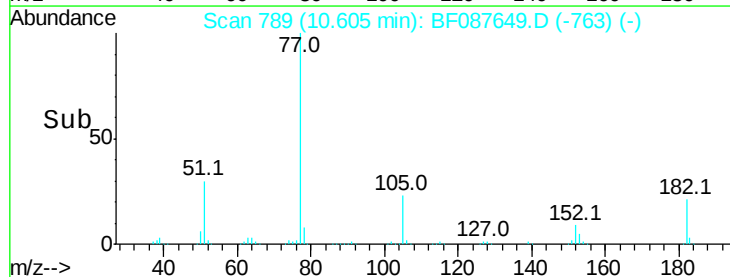
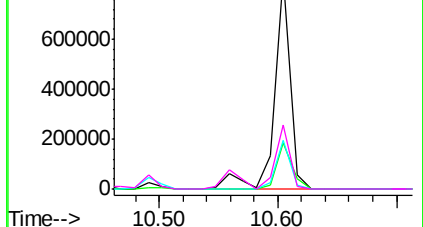


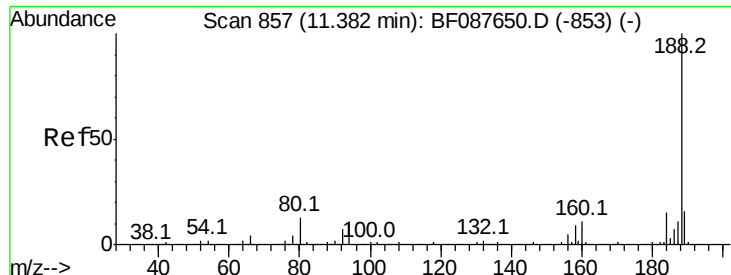
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





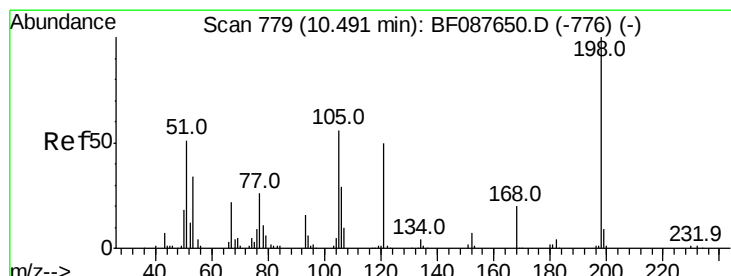
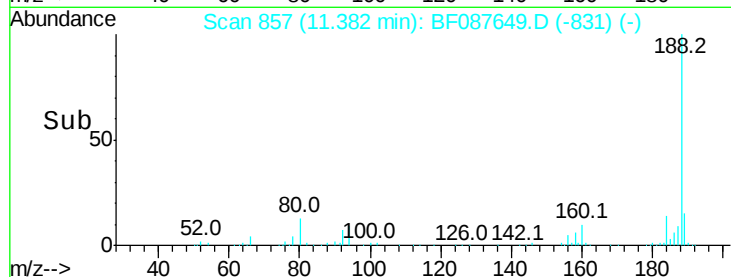
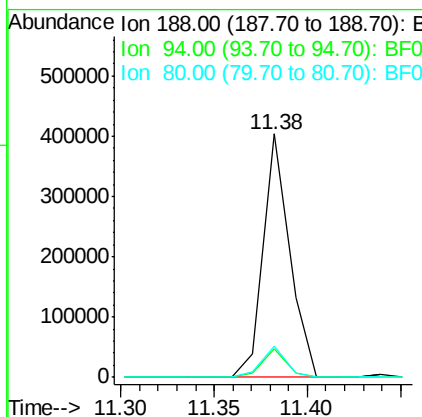
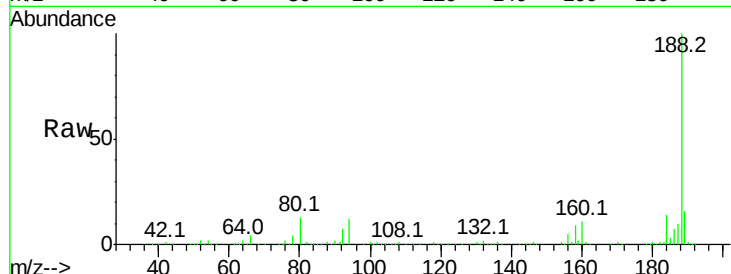
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
188	100	394616		
94	11.9	9.0	13.6	
80	12.8	10.0	15.0	

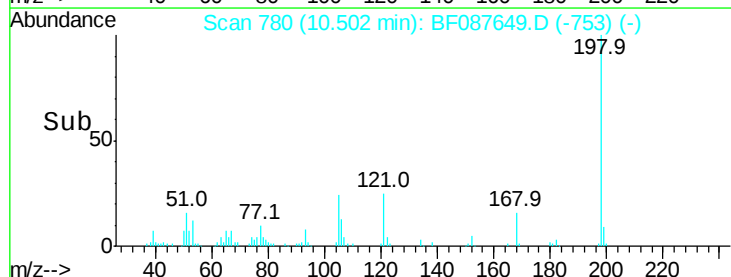
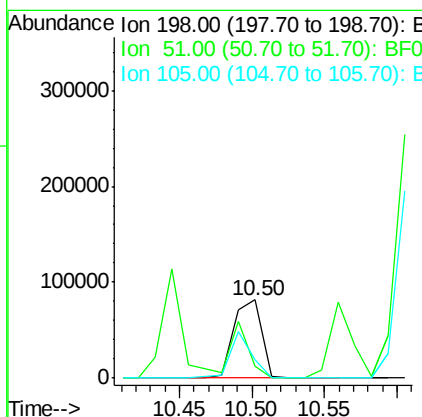
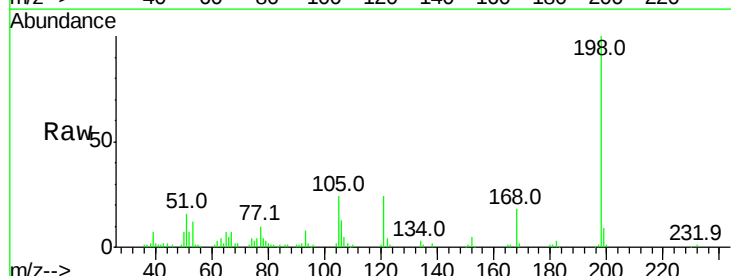
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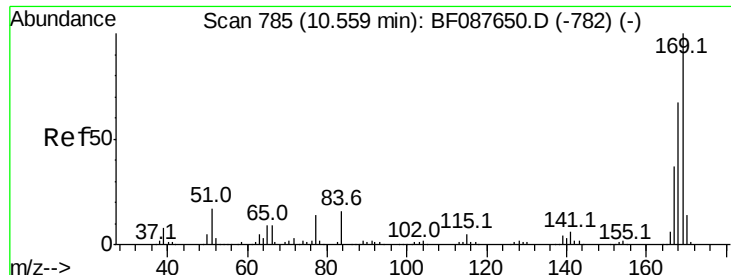
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6/6/2016 7:17:53 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 45.35 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	109090		
51	15.7	39.6	79.6#	
105	23.6	36.6	76.6#	





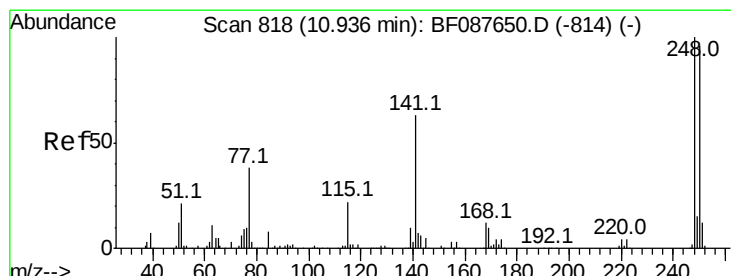
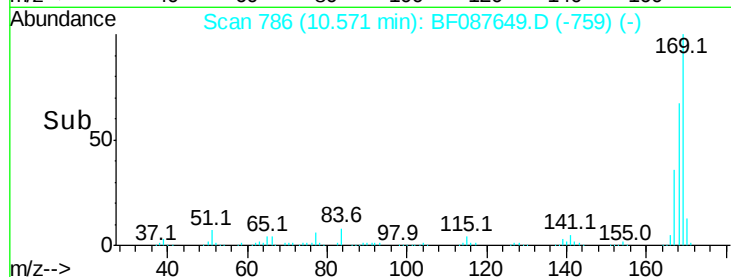
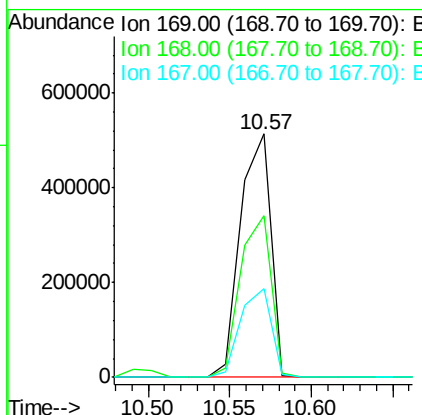
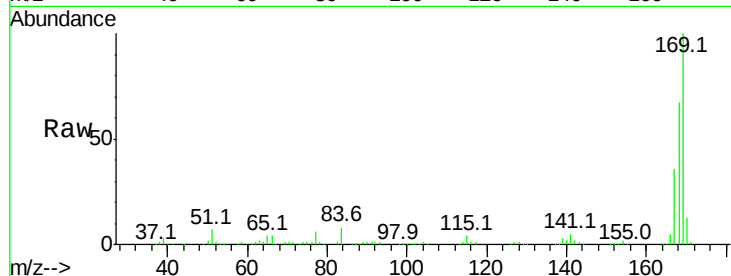
#65
 n-Nitrosodiphenylamine
 Concen: 52.09 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
169	100	660696		
168	66.6	53.4	80.0	
167	36.3	29.4	44.0	

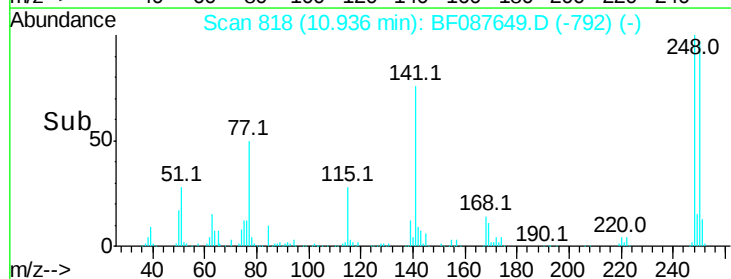
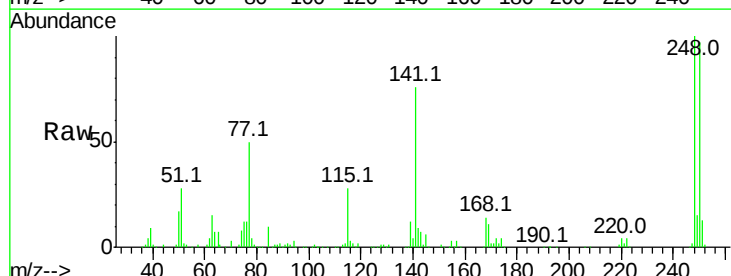
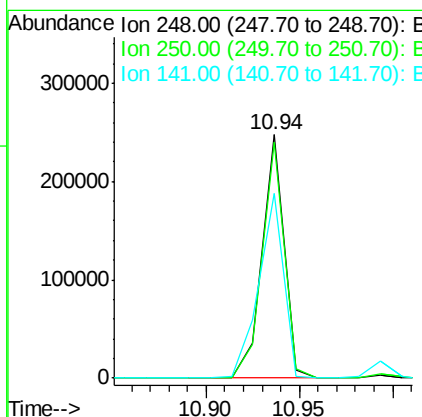
Manual Integrations
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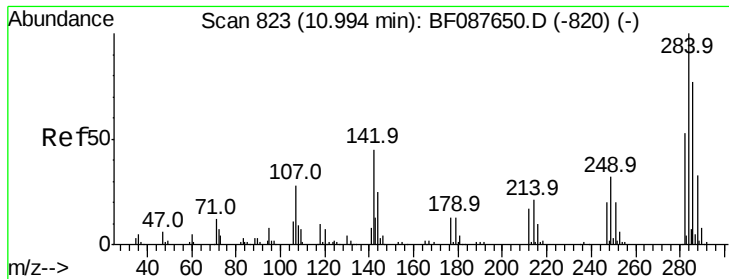
SOHIL
 6/6/2016 7:17:53 PM



#66
 4-Bromophenyl-phenylether
 Concen: 46.62 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	200436		
250	97.0	77.1	115.7	
141	76.0	50.6	76.0	





#67

Hexachlorobenzene

Concen: 44.71 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

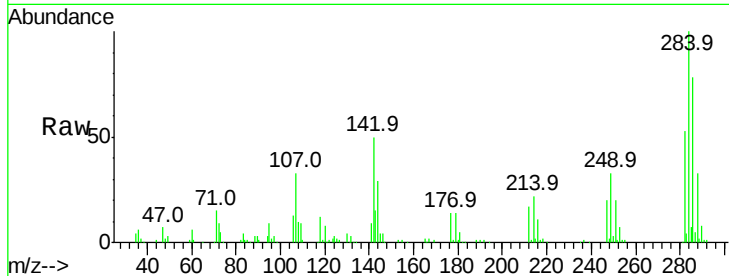
ClientSampleId :

SSTDIC050

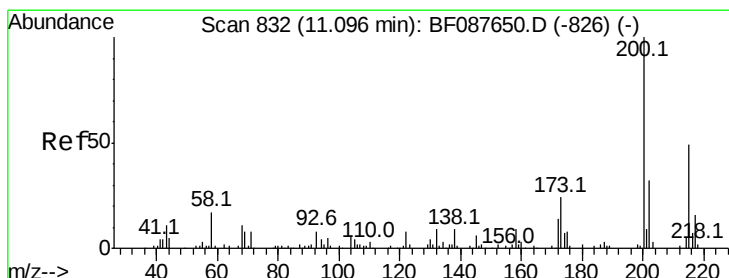
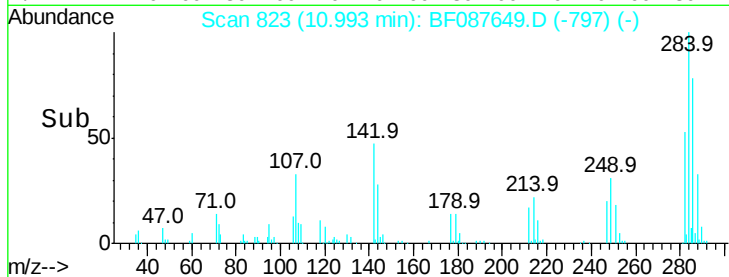
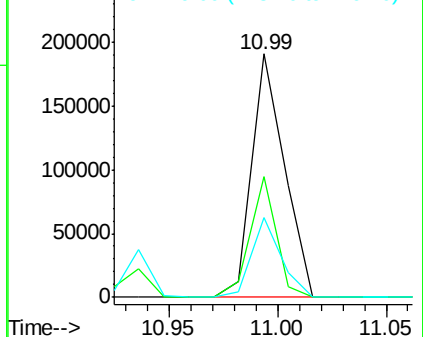
Tot Ion:	284	Resp:	199191
Ion Ratio		Lower	Upper
284	100		
142	49.7	35.8	53.8
249	32.6	25.8	38.6

Manual Integrations
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6/6/2016 7:17:53 PM



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: 53.05 ng

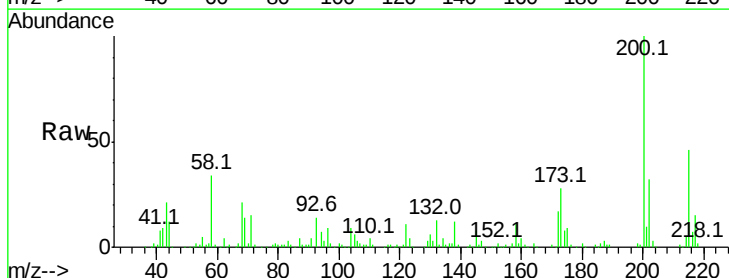
RT: 11.10 min Scan# 832

Delta R.T. -0.00 min

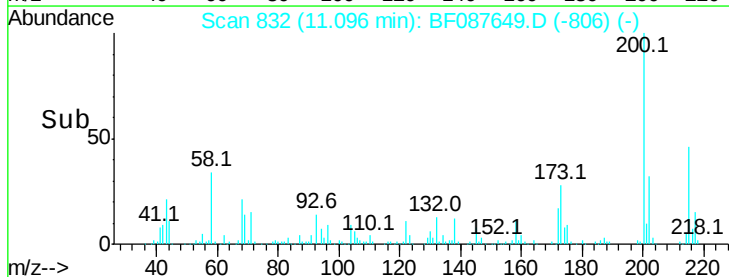
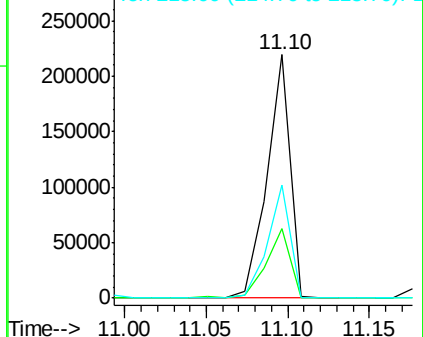
Lab File: BF087649.D

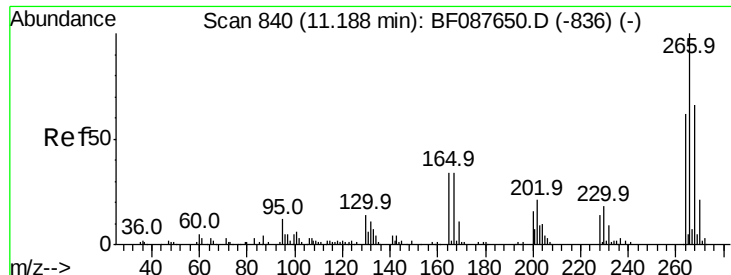
Acq: 4 Jun 2016 3:50

Tgt Ion:	200	Resp:	214687
Ion Ratio		Lower	Upper
200	100		
173	28.4	4.0	44.0
215	46.2	29.3	69.3



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





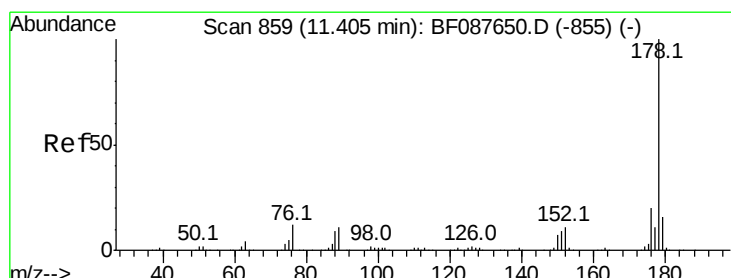
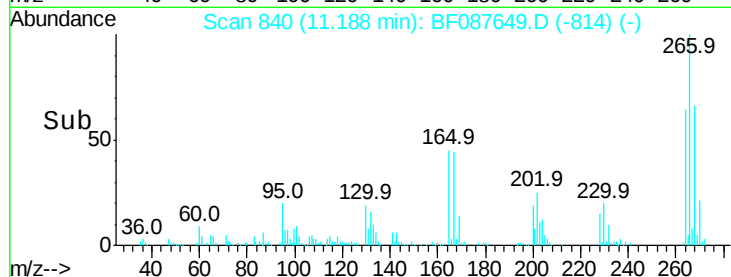
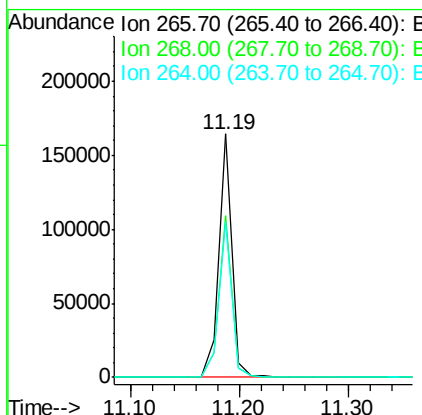
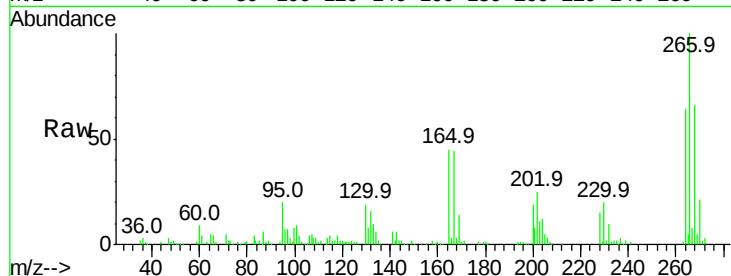
#69
 Pentachlorophenol
 Concen: 96.47 ng
 RT: 11.19 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
266	100	139688		
268	66.2	52.8	79.2	
264	63.8	49.6	74.4	

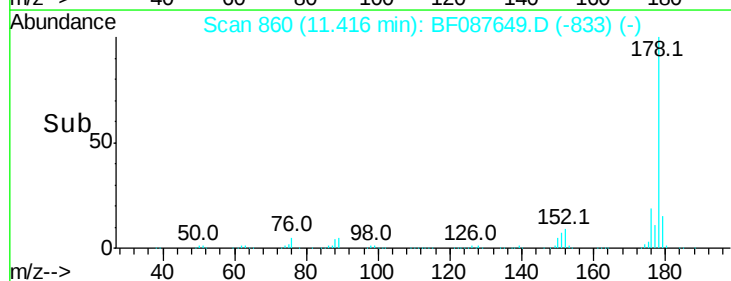
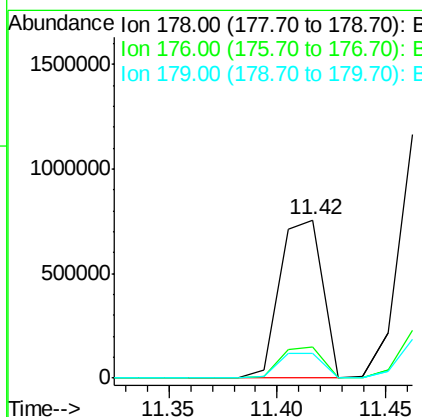
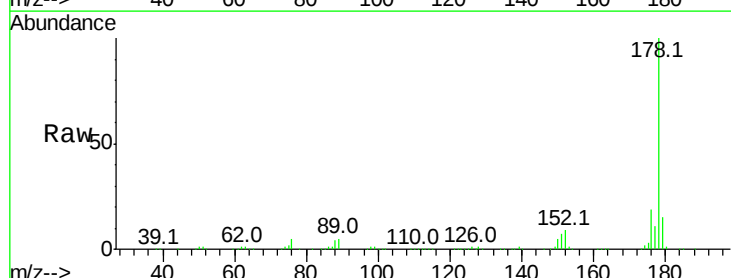
Manual Integrations
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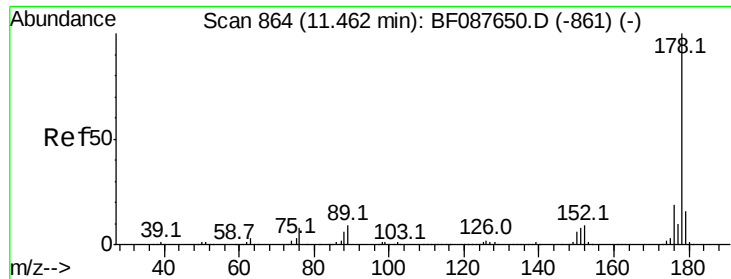
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#70
 Phenanthrene
 Concen: 47.92 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1034524		
176	19.4	15.8	23.6	
179	15.3	13.0	19.4	





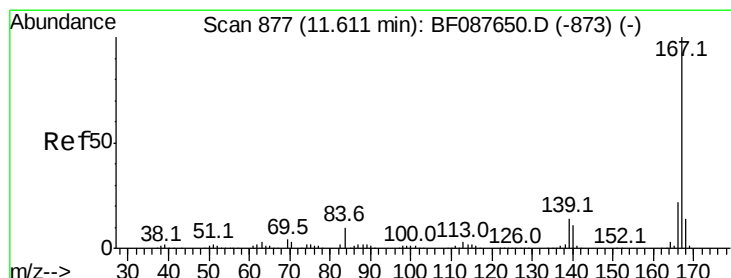
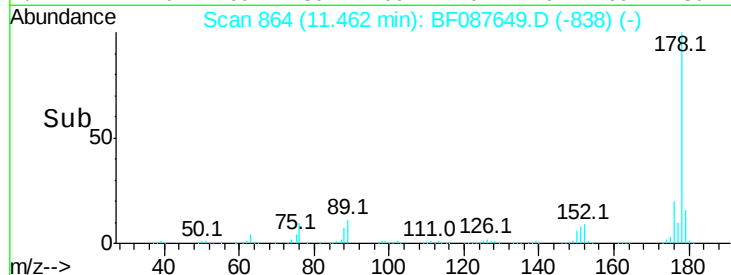
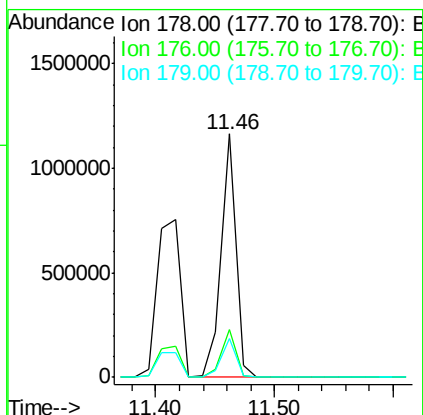
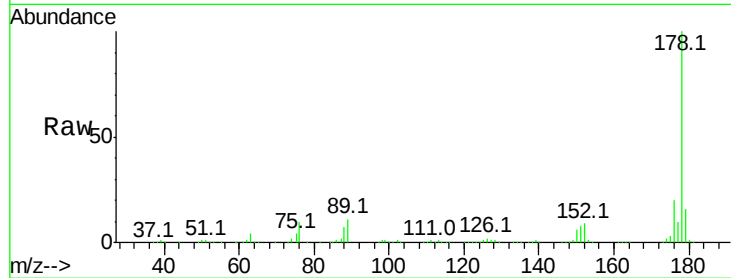
#71
 Anthracene
 Concen: 44.85 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.1	12.8	19.2

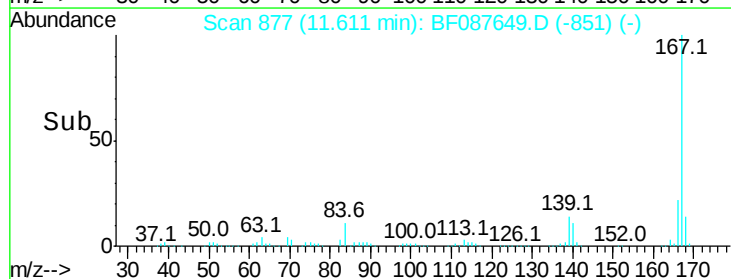
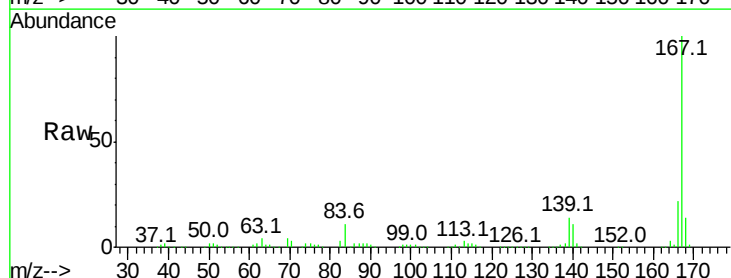
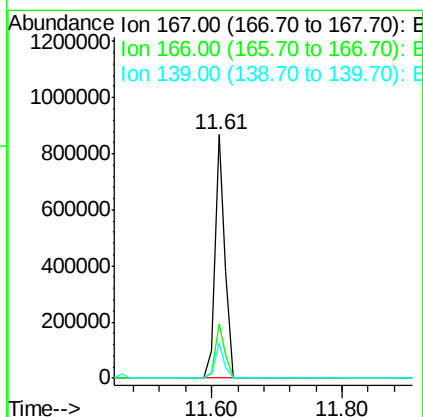
Manual Integrations
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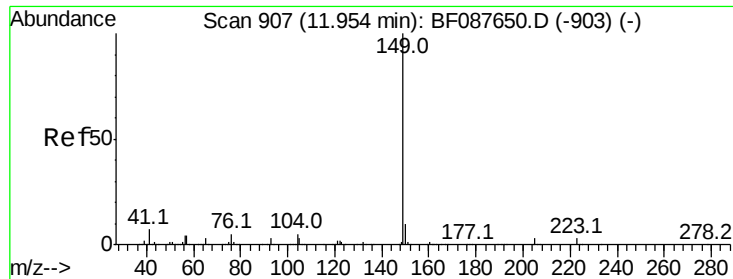
SOHIL
 6/6/2016 7:17:53 PM



#72
 Carbazole
 Concen: 49.42 ng
 RT: 11.61 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	14.3	11.2	16.8





#73

Di-n-butylphthalate

Concen: 42.70 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1025312

Ion Ratio Lower Upper

149 100

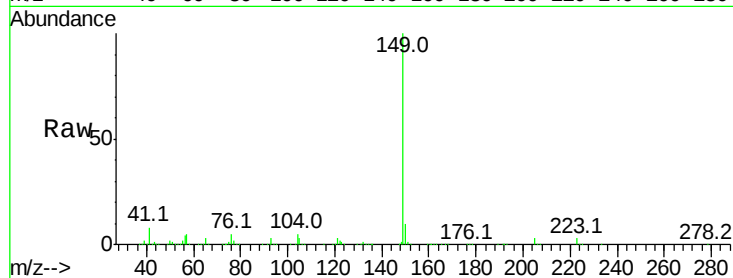
150 9.9 7.8 11.6

104 5.4 4.0 6.0

Manual Integrations
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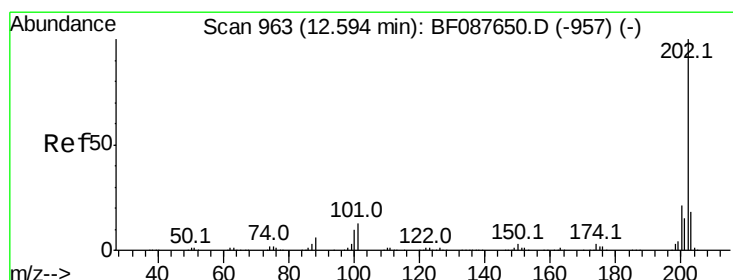
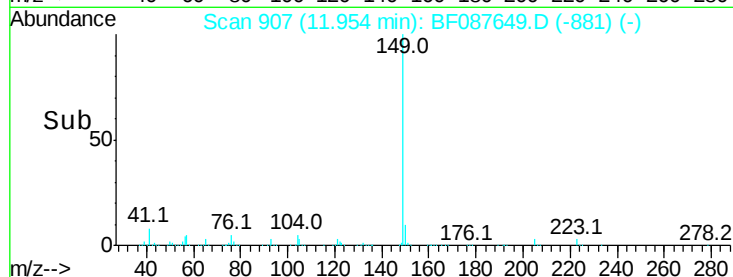
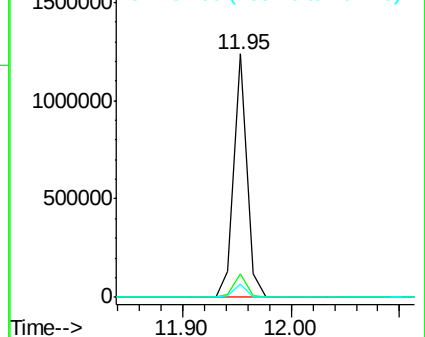
6/6/2016 7:17:53 PM



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: 45.73 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

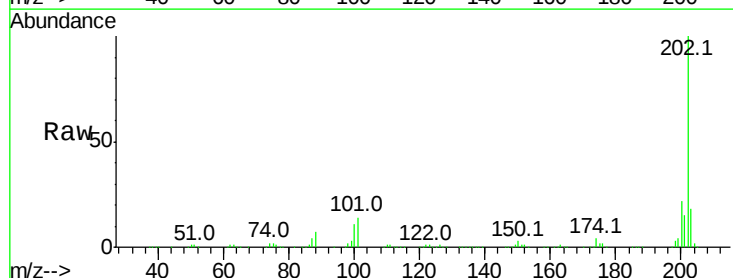
Tgt Ion:202 Resp: 997333

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.1

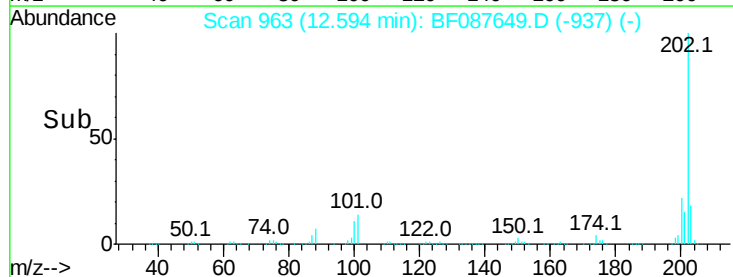
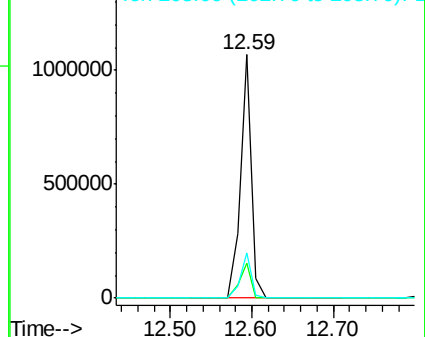
203 18.4 0.0 38.1

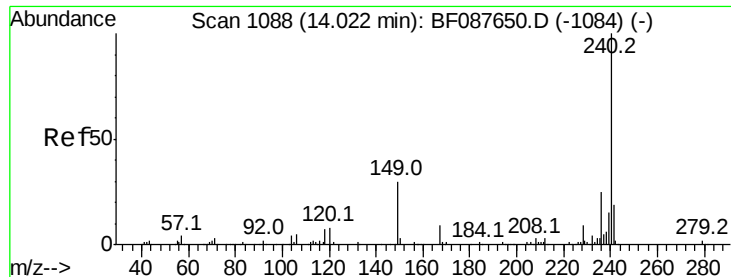


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

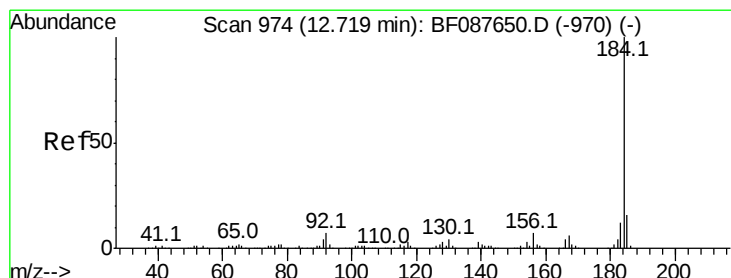
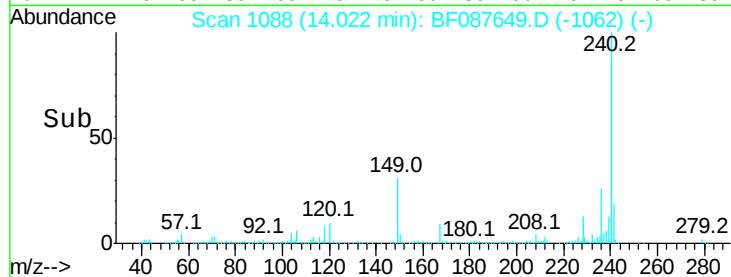
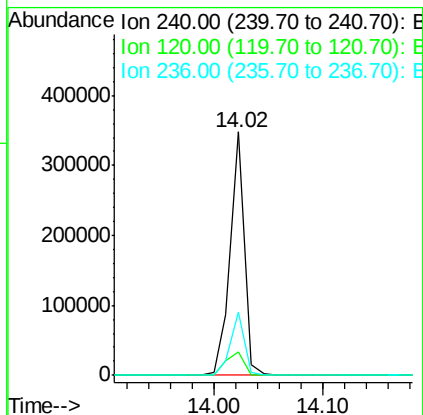
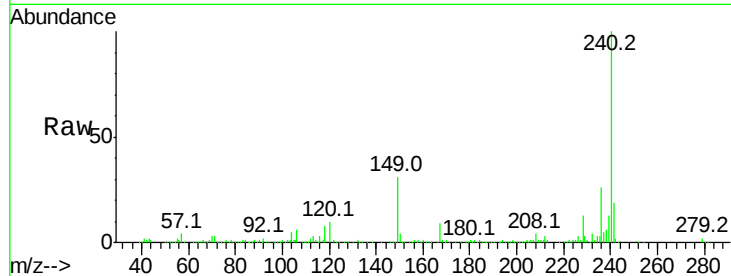
ClientSampleId :

SSTDIC050

Tot Ion:	240	Resp:	313967
Ion Ratio	Lower	Upper	
240	100		
120	9.6	6.8	10.2
236	25.9	20.2	30.2

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#76

Benzidine

Concen: 71.82 ng

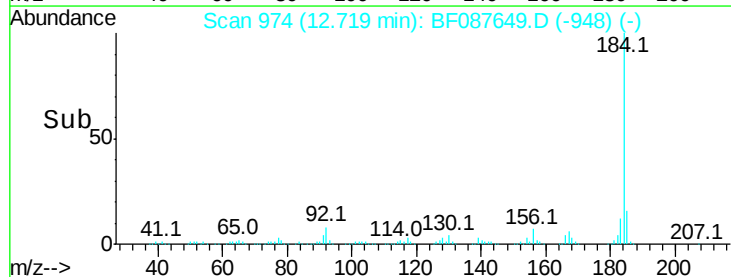
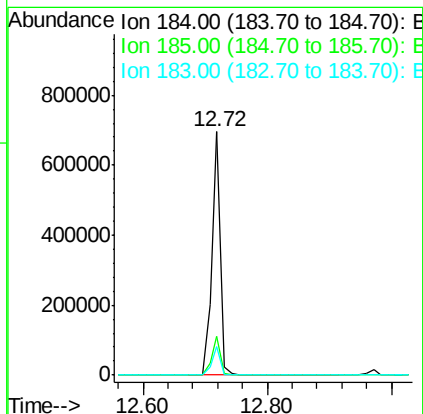
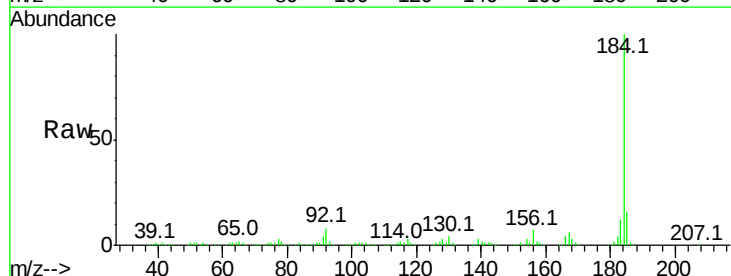
RT: 12.72 min Scan# 974

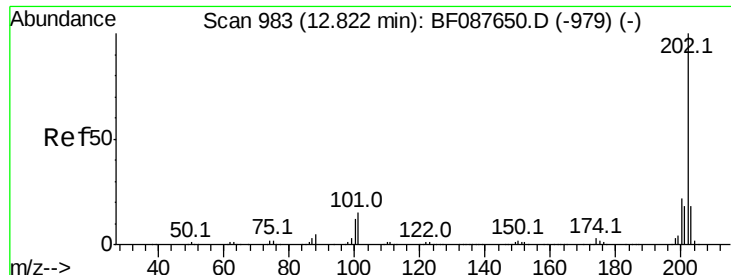
Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Tgt Ion:	184	Resp:	643818
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.5	18.7
183	11.8	9.3	13.9





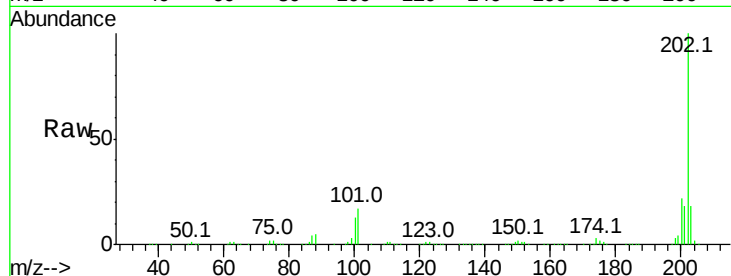
#77
Pvrene
Concen: 44.86 ng
RT: 12.82 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

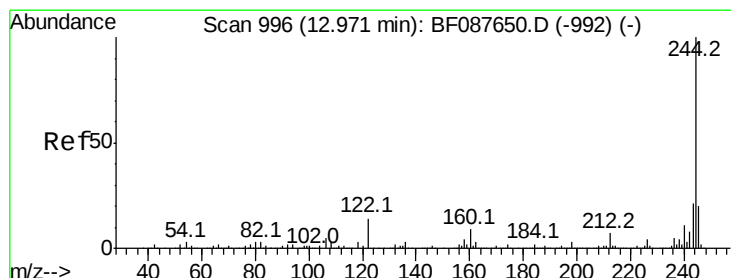
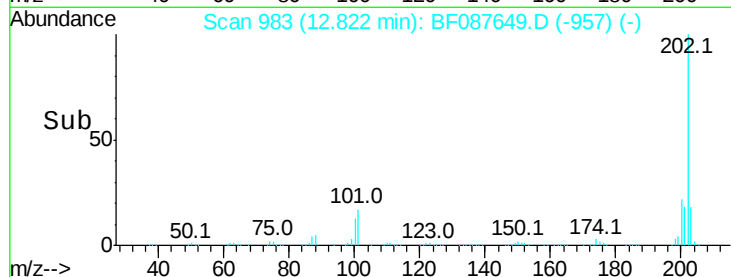
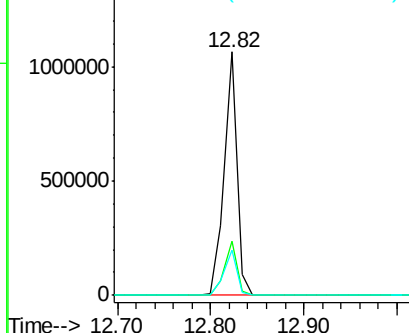
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.4	14.5	21.7

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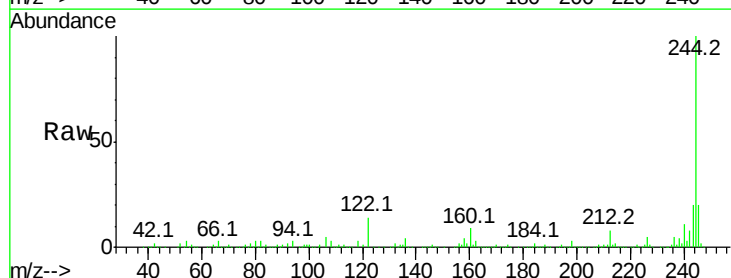


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

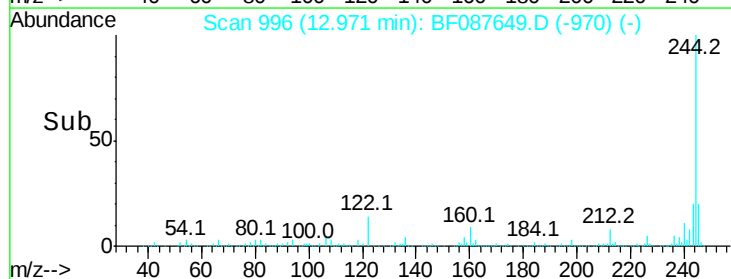
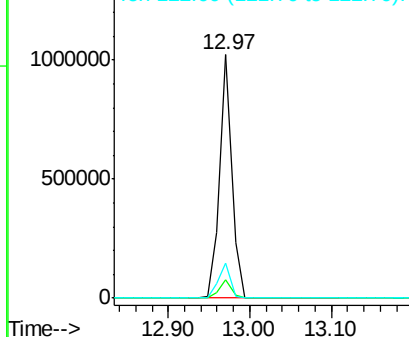


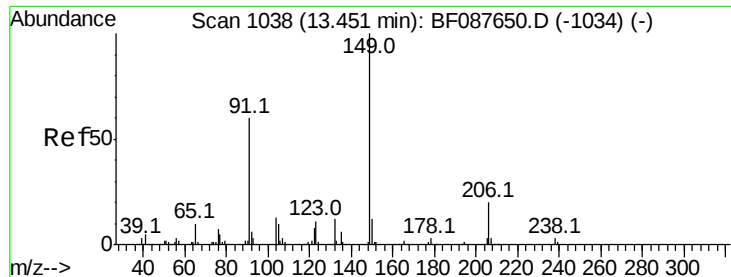
#78
Terphenyl-d14
Concen: 74.02 ng
RT: 12.97 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	14.5	11.2	16.8



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





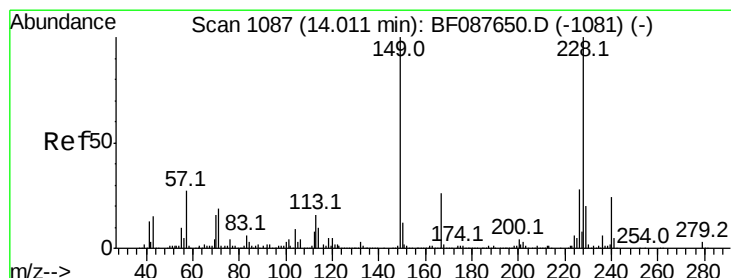
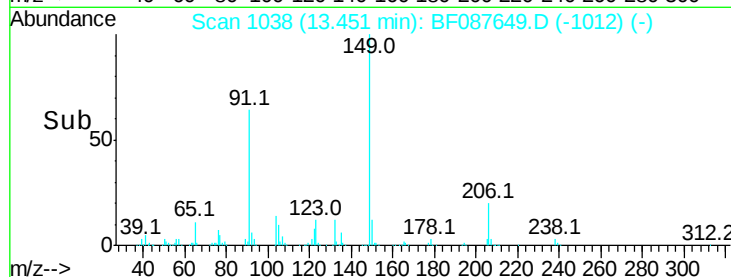
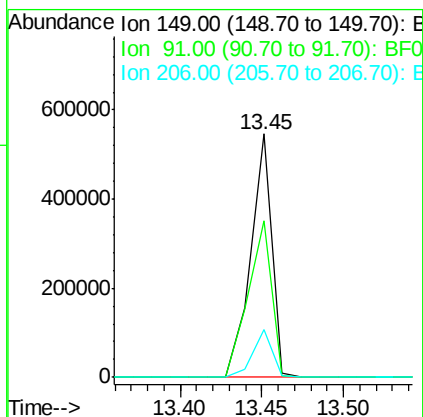
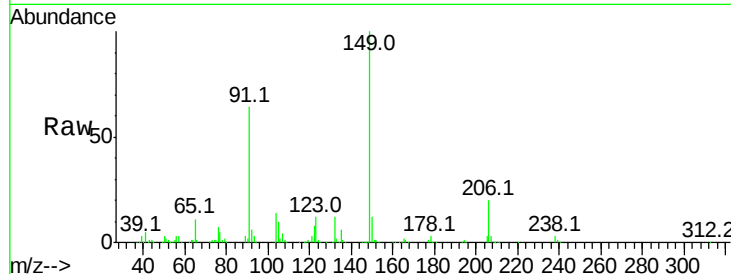
#79
Butylbenzylphthalate
Concen: 49.23 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
149	100	490151		
91	64.1	48.0	72.0	
206	19.6	16.0	24.0	

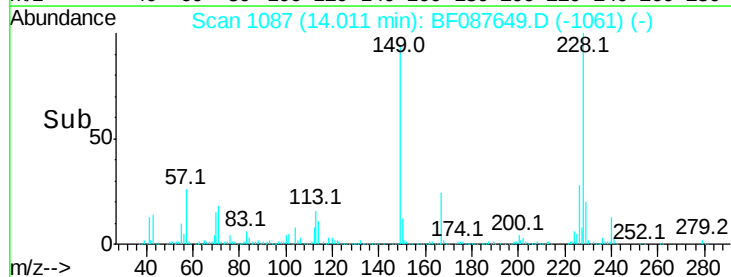
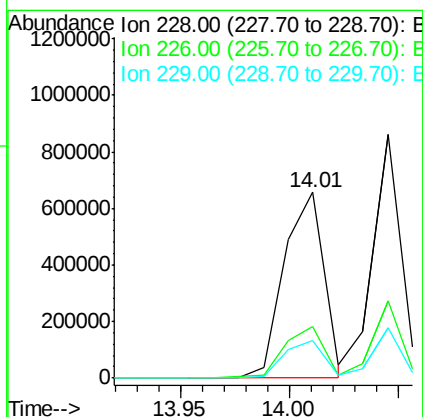
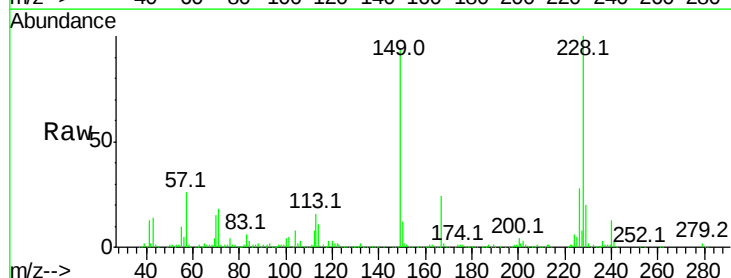
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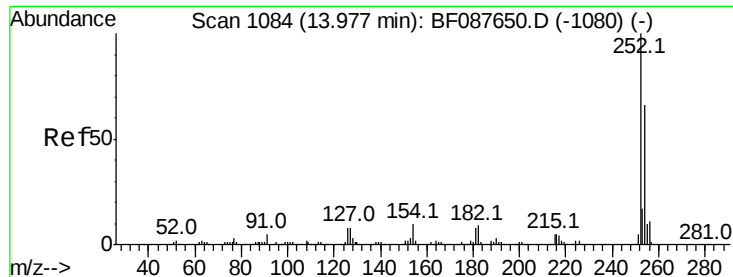
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#80
Benzo(a)anthracene
Concen: 47.08 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	842216		
226	27.6	22.3	33.5	
229	20.0	16.0	24.0	





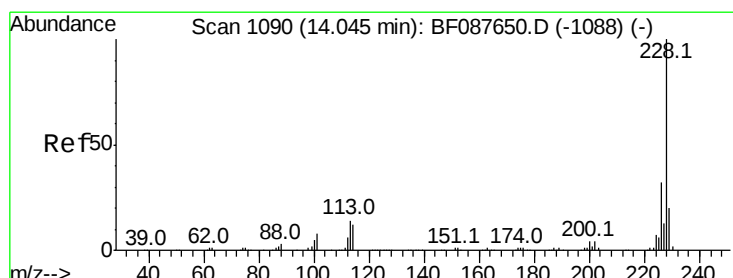
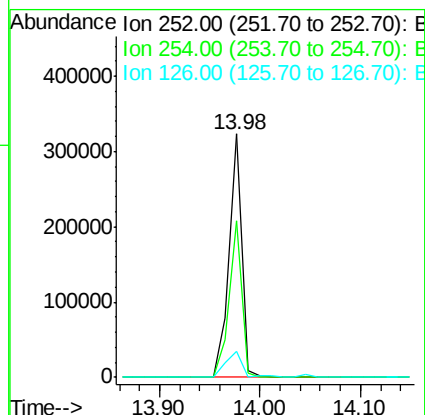
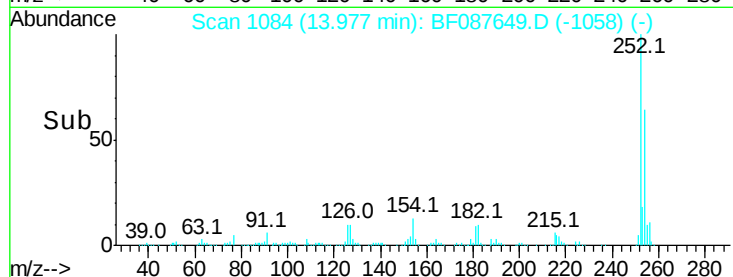
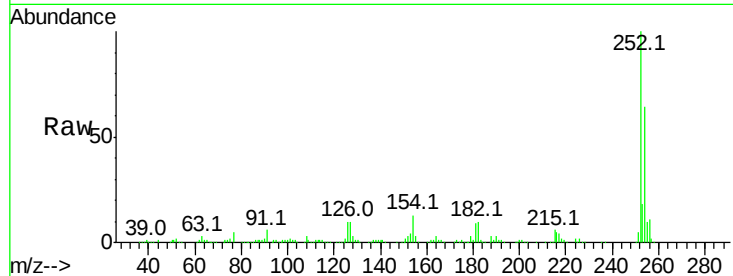
#81
 3,3'-Dichlorobenzidine
 Concen: 30.74 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.1	52.6	78.8
126	10.5	6.2	9.2#

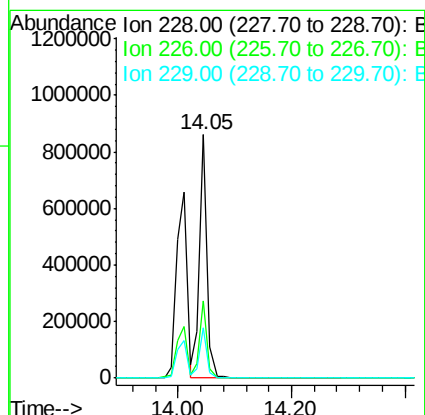
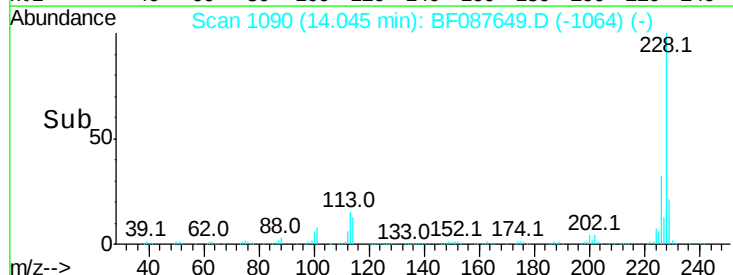
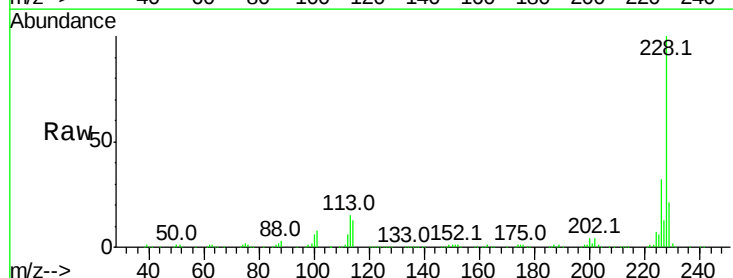
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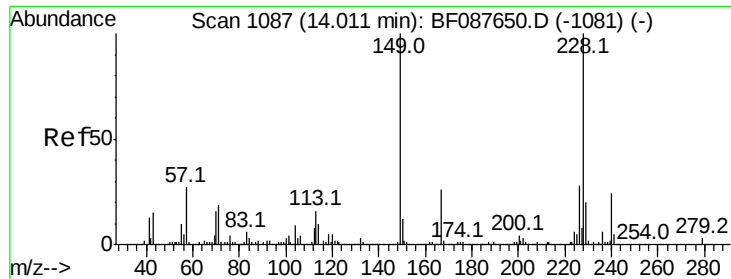
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#82
 Chrysene
 Concen: 44.74 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.6	25.4	38.2
229	20.5	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.44 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF087649.D

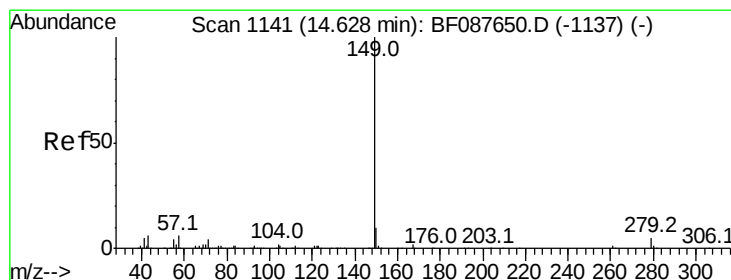
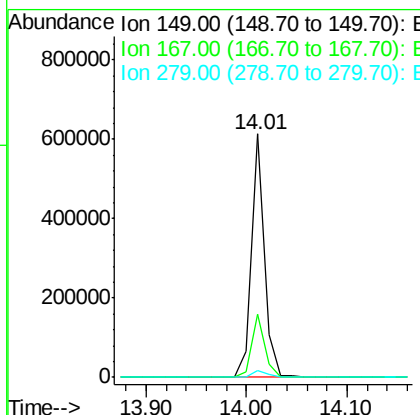
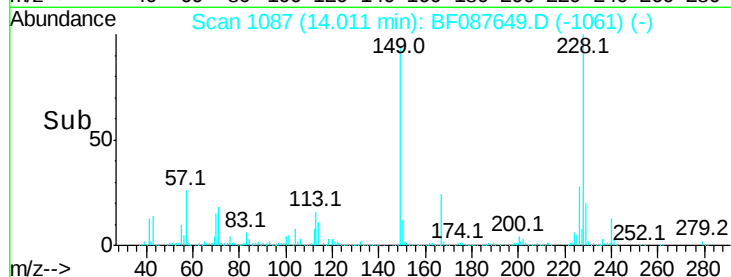
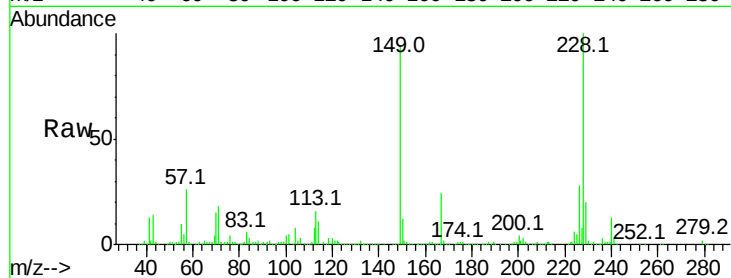
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
149	100	545854		
167	26.1	20.5	30.7	
279	2.7	2.0	3.0	

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 47.10 ng

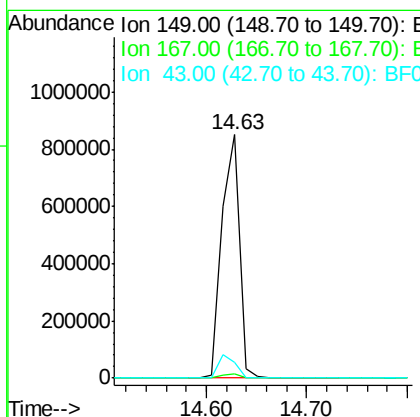
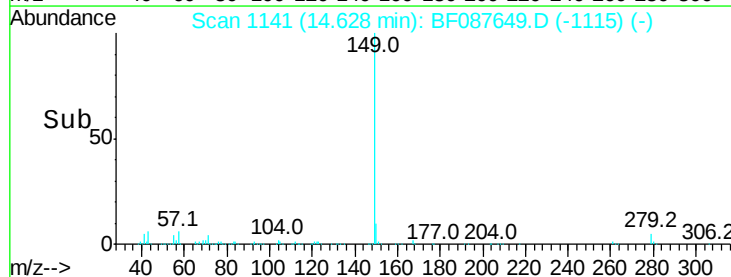
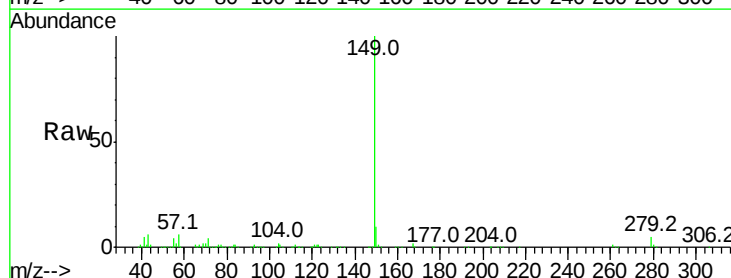
RT: 14.63 min Scan# 1141

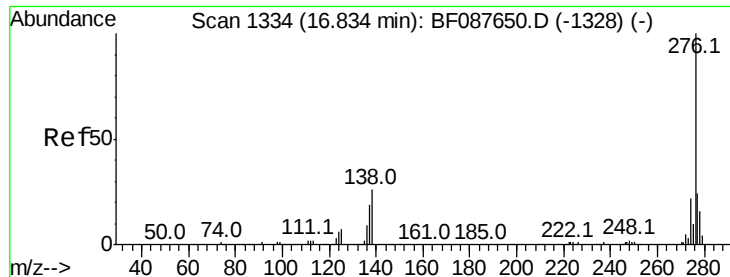
Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1032696		
167	1.5	0.0	0.0#	
43	9.6	0.0	0.0#	





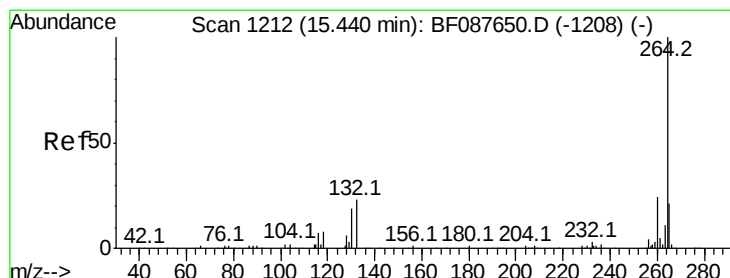
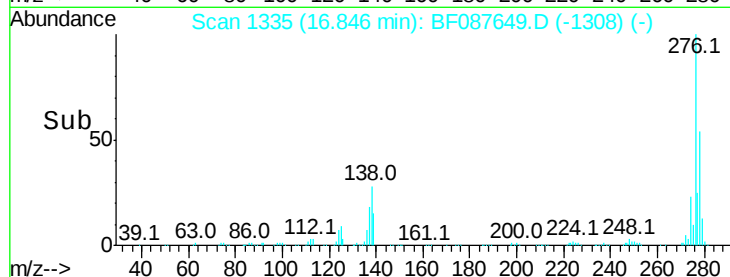
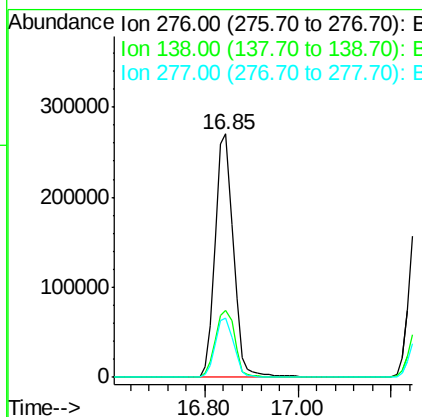
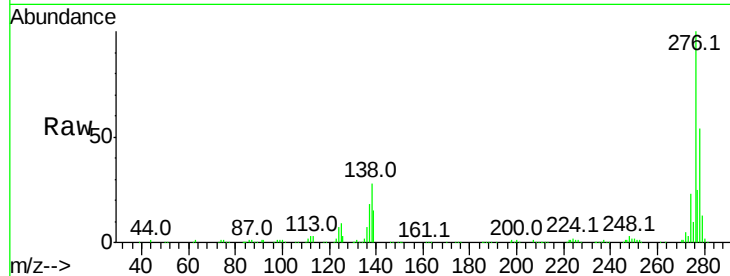
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.37 ng
 RT: 16.85 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	29.7	0.0	0.0#
277	25.0	0.0	0.0#

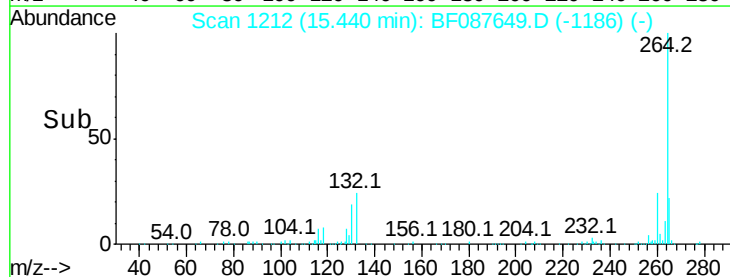
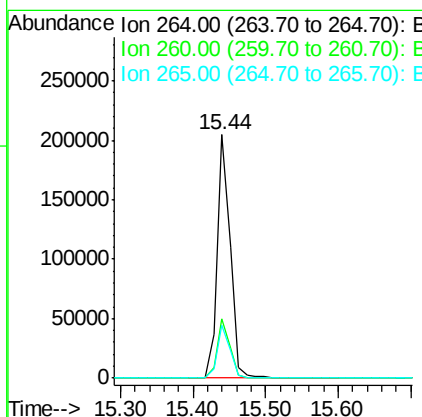
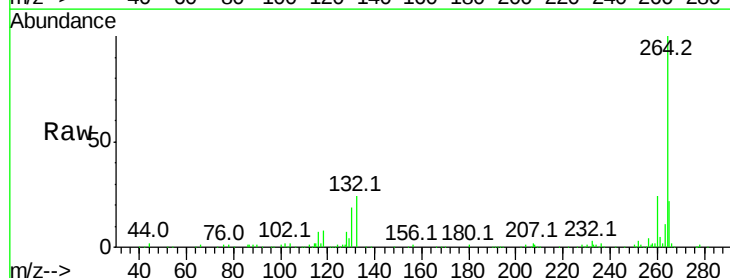
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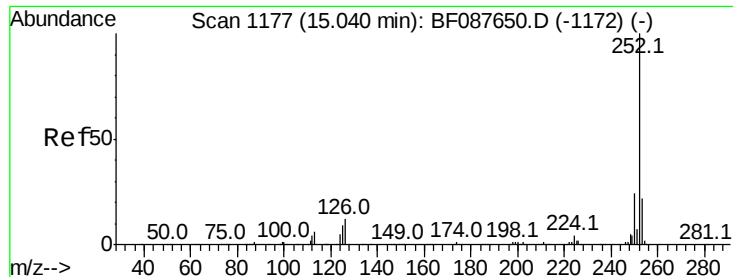
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 49.41 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

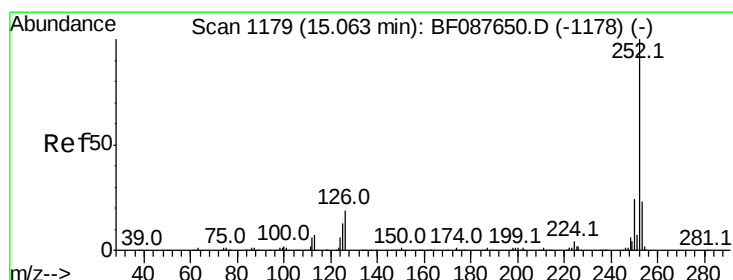
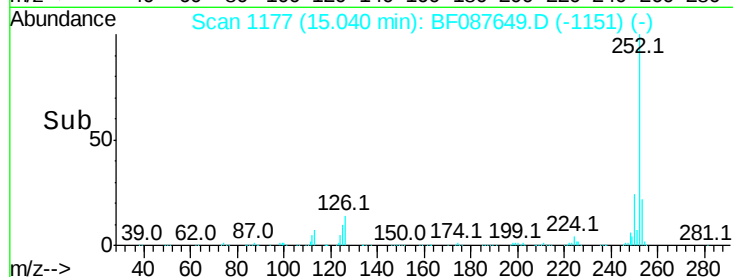
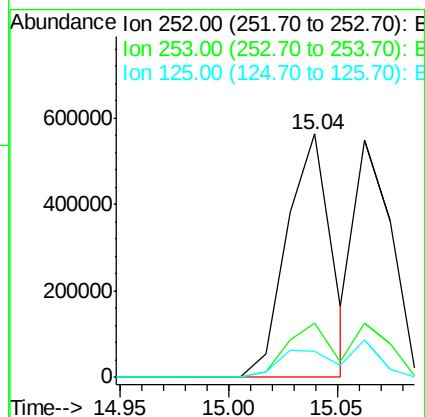
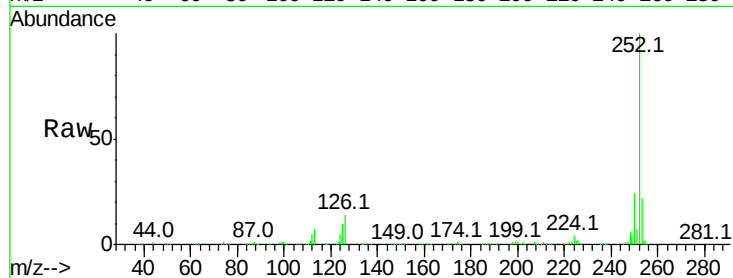
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.5	7.1	10.7

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#88

Benzo(k)fluoranthene

Concen: 46.13 ng m

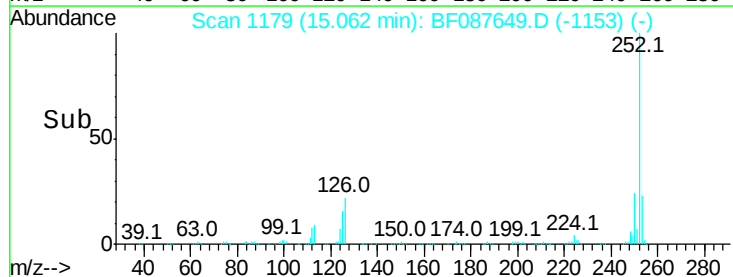
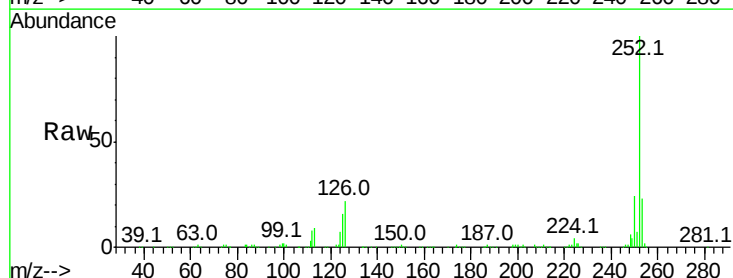
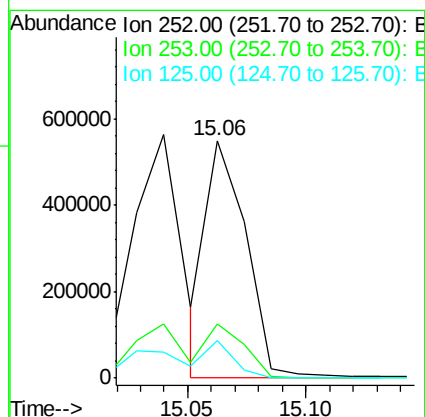
RT: 15.06 min Scan# 1179

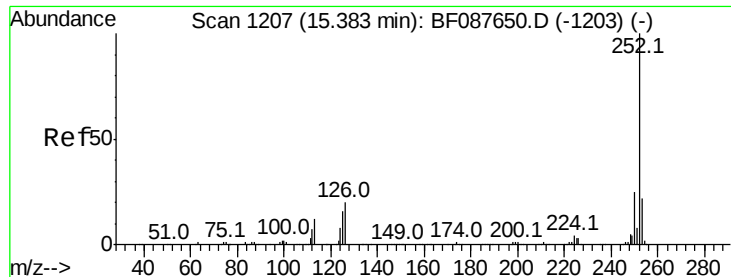
Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	15.6	11.2	16.8





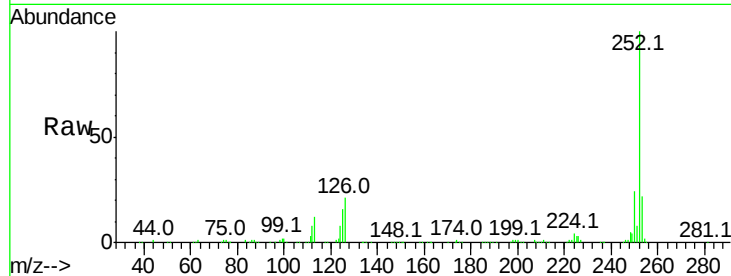
#89
Benzo(a)pyrene
Concen: 49.15 ng
RT: 15.38 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

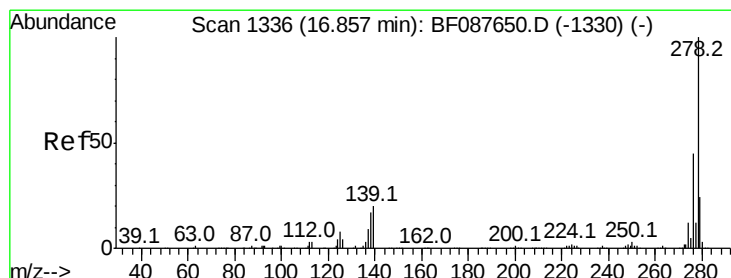
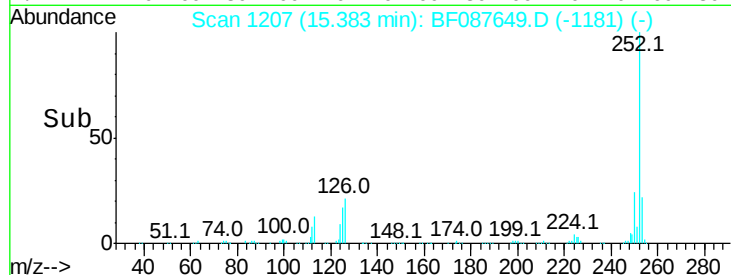
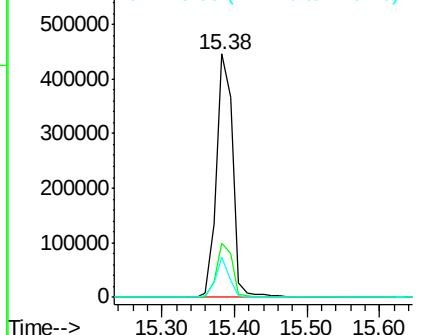
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	16.3	12.5	18.7

Manual Integrations
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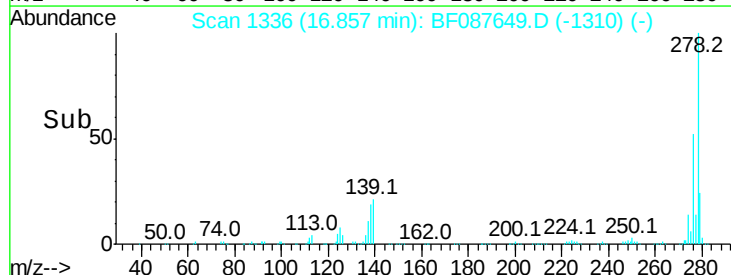
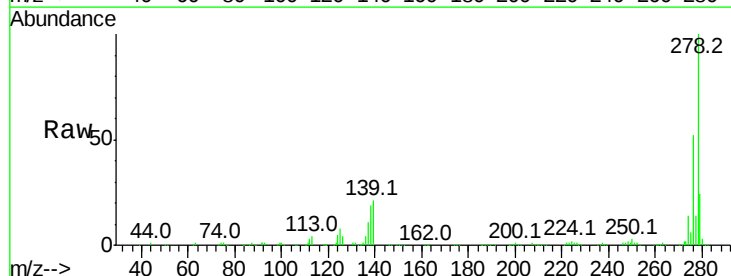
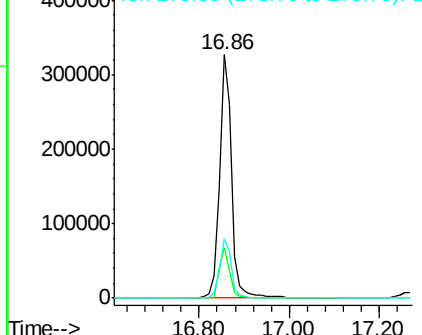
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

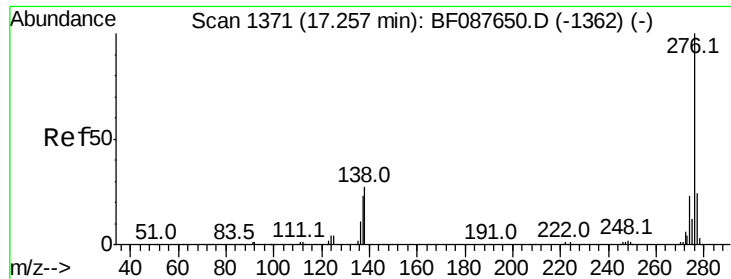


#90
Dibenzo(a,h)anthracene
Concen: 50.72 ng
RT: 16.86 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	15.7	23.5
279	24.3	19.4	29.2

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





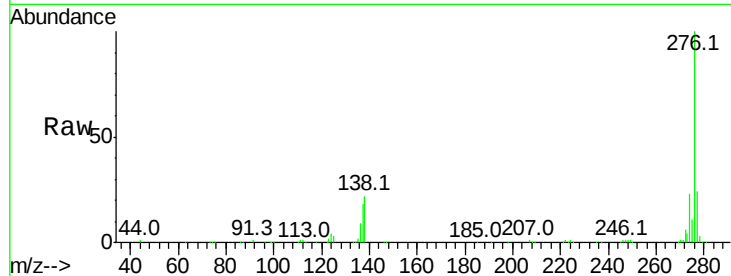
#91
 Benzo(a,h,i)perylene
 Concen: 52.28 ng
 RT: 17.27 min Scan# 1372
 Delta R.T. 0.01 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	276	Resp:	618870
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.9	28.3
138	22.0	21.4	32.2

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:17:53 PM



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

