

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
 Data File : BF089005.D
 Acq On : 15 Jul 2016 00:51
 Operator : UM/SJ
 Sample : H3972-16MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MS

Manual Integrations

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 Sohil
 7/15/2016 9:16:36 AM

Quant Time: Jul 15 15:09:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	48973	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	196694	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	76226	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	130343	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	98456	20.00	ng	-0.02
86) Perylene-d12	15.19	264	72015	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	346276	105.97	ng	0.00
7) Phenol-d6	6.34	99	412935	97.80	ng	-0.01
23) Nitrobenzene-d5	7.26	82	247255	65.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	60564	85.56	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	385061	79.79	ng	-0.02
78) Terphenyl-d14	12.78	244	278873	63.09	ng	-0.02

Target Compounds

						Qvalue
3) Pyridine	2.84	79	120269	25.58	ng	95
4) n-Nitrosodimethylamine	2.80	42	59376	33.06	ng	98
6) Aniline	6.38	93	73963	12.02	ng	95
8) 2-Chlorophenol	6.48	128	131620	37.48	ng	90
9) Benzaldehyde	6.23	77	63496	22.20	ng	89
10) Phenol	6.35	94	127767	26.51	ng	# 61
11) bis(2-Chloroethyl)ether	6.43	93	140944	39.22	ng	# 82
12) 1,3-Dichlorobenzene	6.63	146	135351	35.02	ng	99
13) 1,4-Dichlorobenzene	6.71	146	141906	36.99	ng	99
14) 1,2-Dichlorobenzene	6.86	146	116670	32.49	ng	# 88
15) Benzyl Alcohol	6.84	79	113915	36.66	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	148529	28.54	ng	87
17) 2-Methylphenol	6.97	107	95170	33.22	ng	# 92
18) Hexachloroethane	7.20	117	29166	19.66	ng	# 85
19) n-Nitroso-di-n-propylamine	7.11	70	89872	31.69	ng	97
20) 3+4-Methylphenols	7.12	107	126224	36.71	ng	# 79
22) Acetophenone	7.11	105	186055	38.97	ng	97
24) Nitrobenzene	7.28	77	144866	38.28	ng	94
25) Isophorone	7.52	82	242312	34.85	ng	97
26) 2-Nitrophenol	7.59	139	46611	30.04	ng	# 84
27) 2,4-Dimethylphenol	7.64	122	107889	33.38	ng	87
28) bis(2-Chloroethoxy)methane	7.74	93	161408	35.67	ng	# 95
29) 2,4-Dichlorophenol	7.84	162	87118	33.35	ng	95
30) 1,2,4-Trichlorobenzene	7.92	180	100107	34.92	ng	98
31) Naphthalene	8.00	128	371647	38.33	ng	99
33) 4-Chloroaniline	8.06	127	62121	14.40	ng	98
34) Hexachlorobutadiene	8.12	225	52082	33.93	ng	98
35) Caprolactam	8.41	113	26889	30.31	ng	# 80
36) 4-Chloro-3-methylphenol	8.55	107	92520	29.95	ng	91
37) 2-Methylnaphthalene	8.68	142	200565	32.12	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	90253	35.60	ng	# 1
42) 2,4,6-Trichlorophenol	8.97	196	59913	35.84	ng	98
43) 2,4,5-Trichlorophenol	9.02	196	57538	40.01	ng	99
45) 1,1'-Biphenyl	9.15	154	244872	38.79	ng	96

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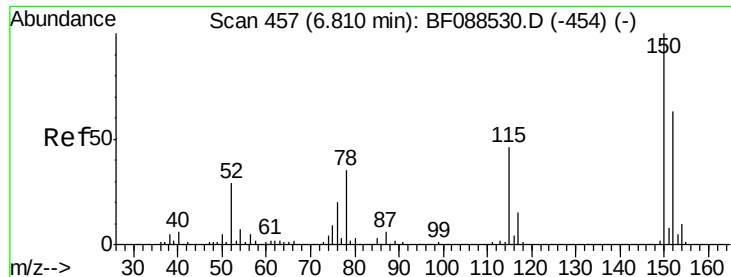
Manual Integrations

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 7/15/2016 9:16:36 AM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.18	162	179152	36.15	nq	94
47) 2-Nitroaniline	9.27	65	60770	34.56	nq	97
48) Acenaphthylene	9.59	152	295667	37.50	nq	98
49) Dimethylphthalate	9.45	163	254015	46.77	nq	100
50) 2,6-Dinitrotoluene	9.52	165	37590	31.23	nq	92
51) Acenaphthene	9.76	154	164859	34.11	nq	97
52) 3-Nitroaniline	9.68	138	45536	29.76	nq	100
54) Dibenzofuran	9.93	168	236092	37.32	nq	97
55) 4-Nitrophenol	9.86	139	68654	59.05	nq #	73
56) 2,4-Dinitrotoluene	9.92	165	48939	31.10	nq #	72
57) Fluorene	10.26	166	175722	36.05	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	37816	33.99	nq #	45
59) Diethylphthalate	10.15	149	197919	36.32	nq	97
60) 4-Chlorophenyl-phenylether	10.26	204	85912	37.93	nq	96
61) 4-Nitroaniline	10.28	138	43184	29.33	nq #	77
62) Azobenzene	10.42	77	229584	36.93	nq	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	1795	2.57	nq	96
65) n-Nitrosodiphenylamine	10.38	169	150829	34.19	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	44404	33.81	nq	93
67) Hexachlorobenzene	10.81	284	41503	28.54	nq #	83
68) Atrazine	10.91	200	48714	35.44	nq	92
69) Pentachlorophenol	11.02	266	47389	55.07	nq	97
70) Phenanthrene	11.22	178	409396	57.46	nq	99
71) Anthracene	11.27	178	283862	40.07	nq	98
72) Carbazole	11.43	167	251720	37.75	nq	100
73) Di-n-butylphthalate	11.77	149	326007	42.03	nq	99
74) Fluoranthene	12.41	202	648101	89.72	nq	93
77) Pvrene	12.63	202	535439	64.14	nq	99
79) Butylbenzylphthalate	13.26	149	146694	39.39	nq #	77
80) Benzo(a)anthracene	13.82	228	353061	55.69	nq	98
81) 3,3'-Dichlorobenzidine	13.78	252	38855	16.30	nq #	97
82) Chrysene	13.85	228	313340m	49.96	nq	
83) Bis(2-ethylhexyl)phthalate	13.83	149	199650	46.96	nq #	98
84) Di-n-octyl phthalate	14.43	149	303888	42.08	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.48	276	197419	40.91	nq #	100
87) Benzo(b)fluoranthene	14.82	252	351041m	77.71	nq	
88) Benzo(k)fluoranthene	14.85	252	175831m	44.71	nq	
89) Benzo(a)pyrene	15.14	252	243564	63.68	nq	96
90) Dibenzo(a,h)anthracene	16.49	278	136558	42.76	nq	99
91) Benzo(g,h,i)perylene	16.87	276	169001	51.13	nq	97

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



#1

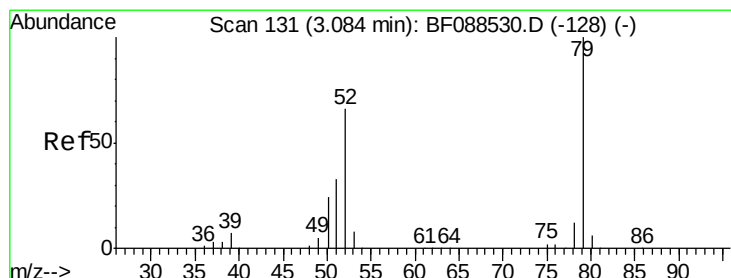
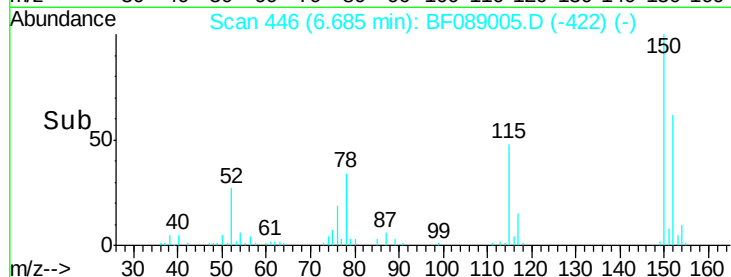
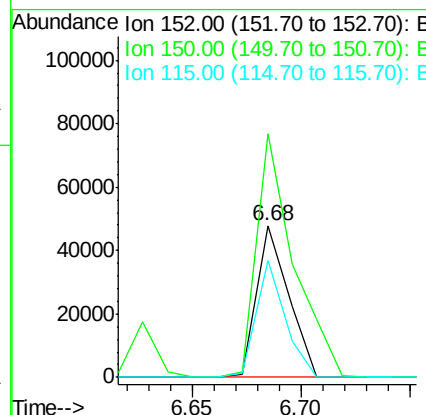
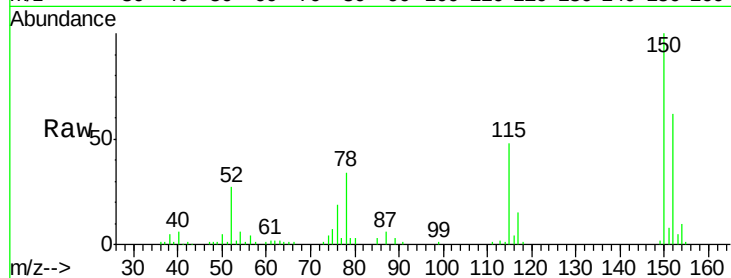
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	123.8	185.6
115	76.8	39.6	59.4

Manual Integrations

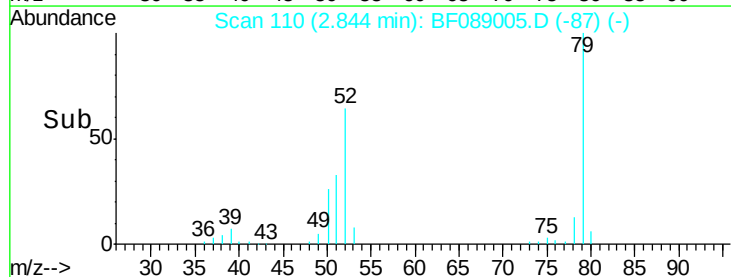
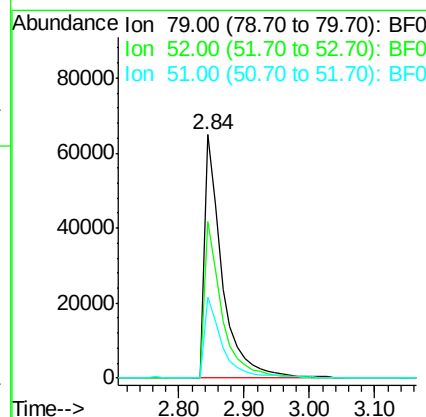
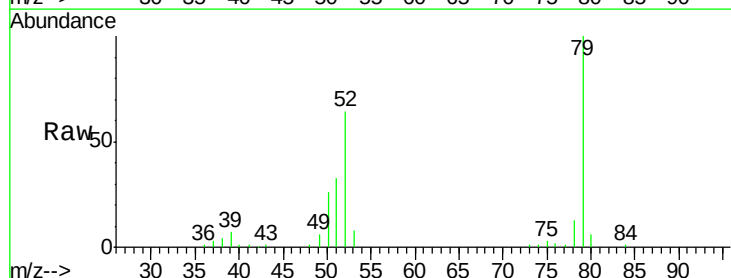
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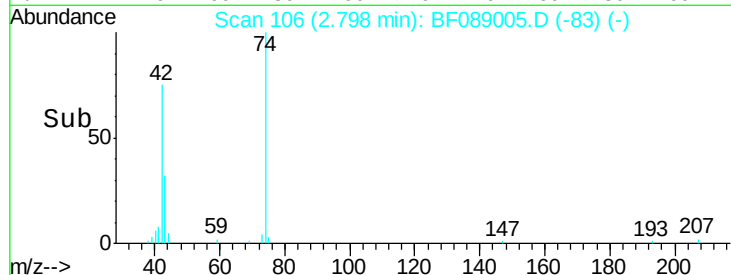
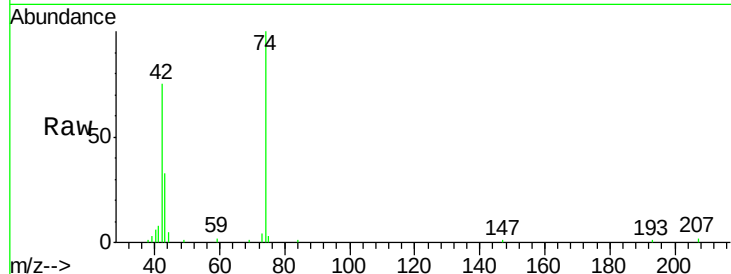
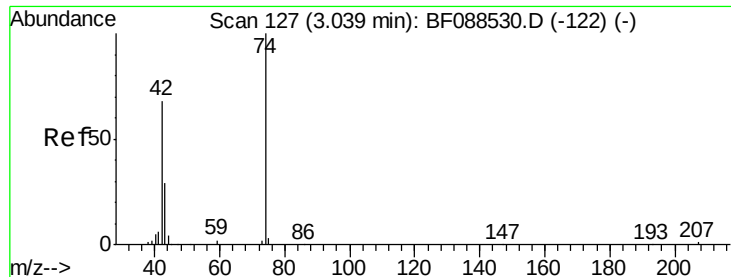


#3

Pyridine
Concen: 25.58 ng
RT: 2.84 min Scan# 110
Delta R.T. -0.03 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
79	100		
52	64.5	56.3	84.5
51	33.3	27.4	41.2





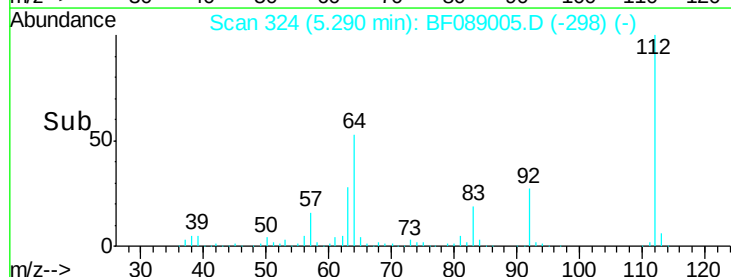
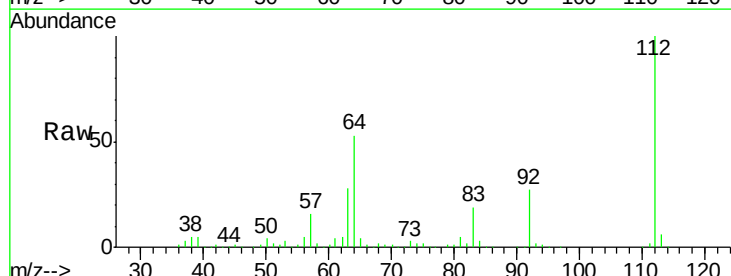
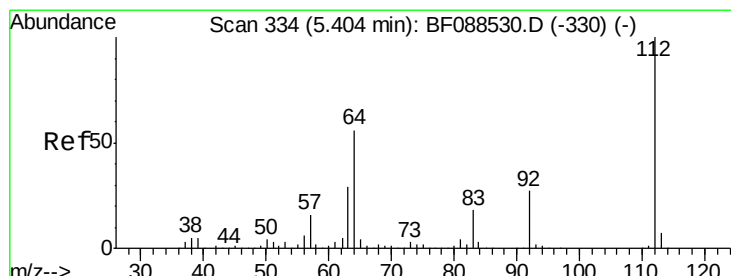
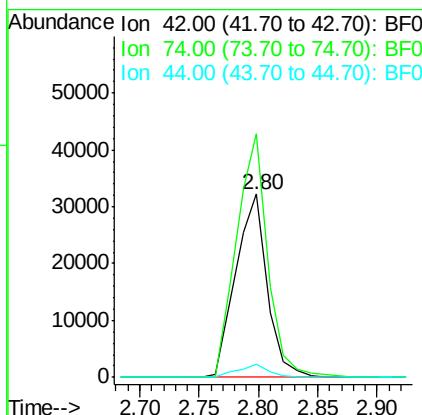
#4
n-Nitrosodimethylamine
Concen: 33.06 ng
RT: 2.80 min Scan# 106
Delta R.T. -0.03 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tot Ion:	42	Resp:	59376
Ion	Ratio	Lower	Upper
42	100		
74	132.8	108.6	163.0
44	7.0	5.5	8.3

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

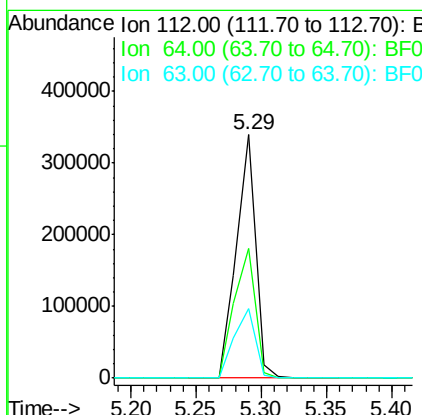
Manual Integrations

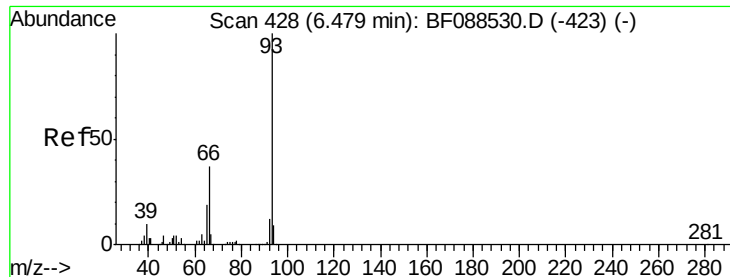
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#5
2-Fluorophenol
Concen: 105.97 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.00 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion:	112	Resp:	346276
Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.2	63.2
63	28.5	21.8	32.8





#6

Aniline

Concen: 12.02 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

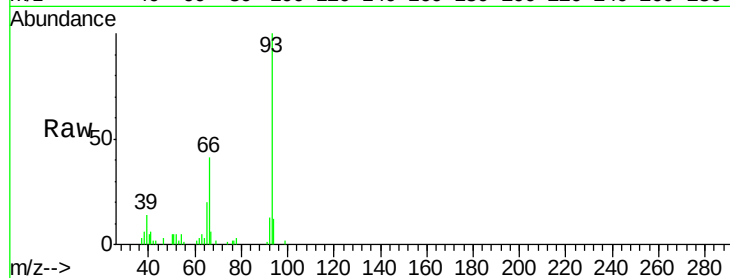
ClientSampleId :

LSS-SS-SS04(0-2in)MS

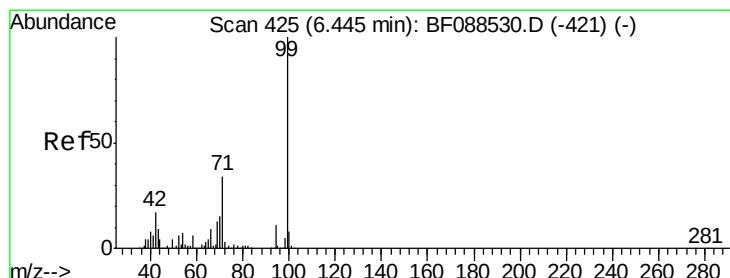
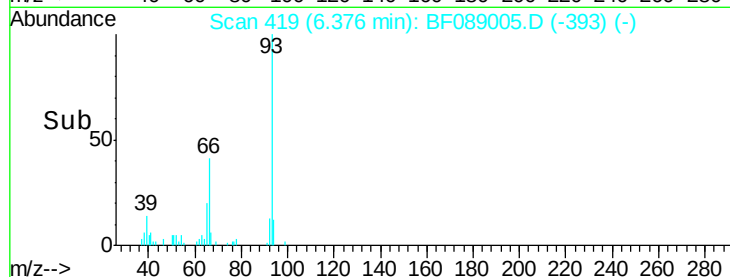
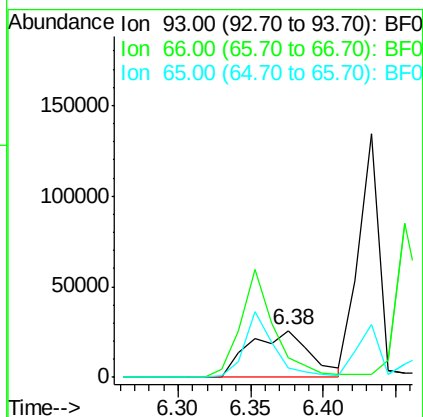
Manual Integrations

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Tot Ion:	93	Resp:	73963
Ion	Ratio	Lower	Upper
93	100		
66	40.9	29.8	44.8
65	20.2	14.9	22.3



#7

Phenol-d6

Concen: 97.80 ng

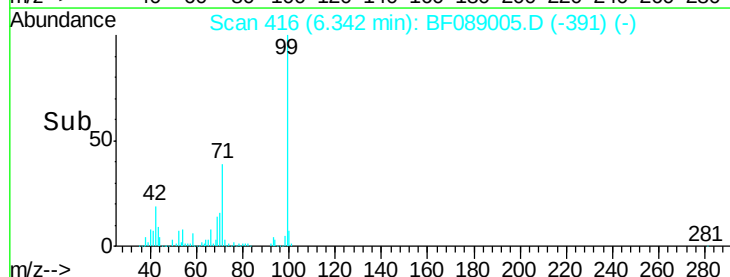
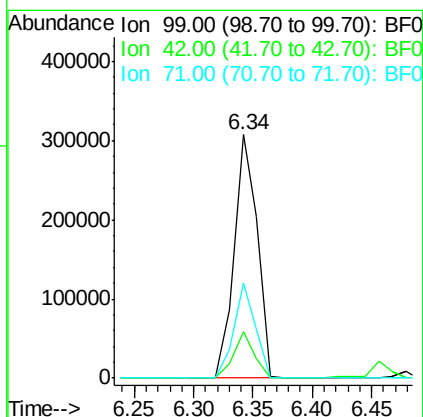
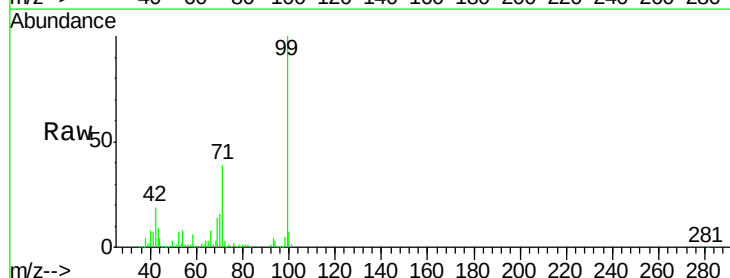
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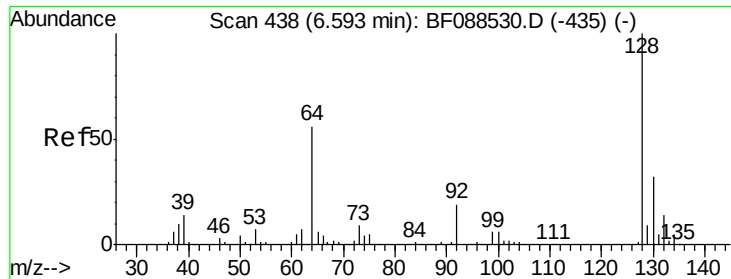
Delta R.T. -0.01 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Tgt Ion:	99	Resp:	412935
Ion	Ratio	Lower	Upper
99	100		
42	19.0	12.2	18.2#
71	39.0	23.4	35.0#





#8

2-Chlorophenol

Concen: 37.48 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

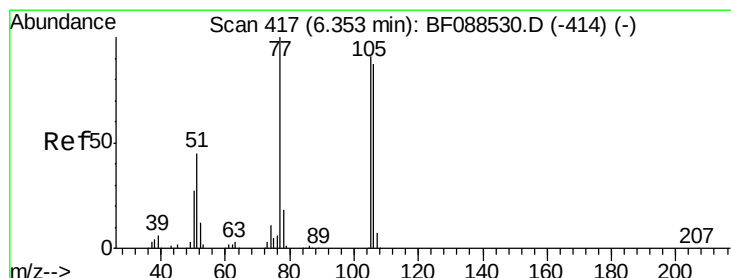
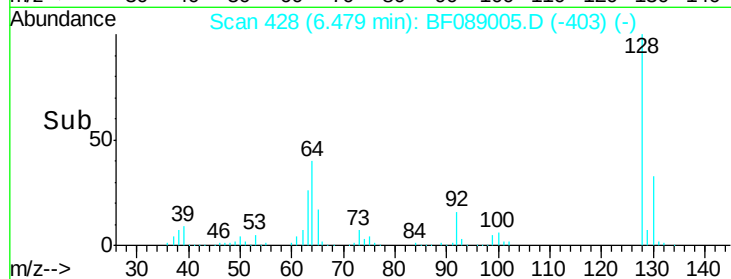
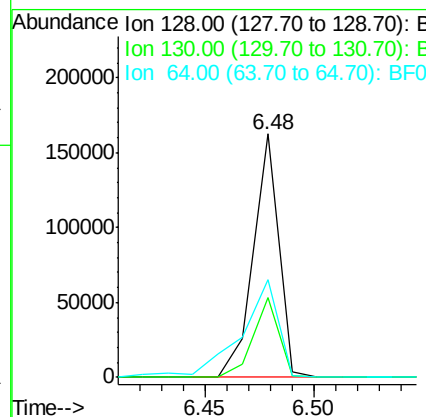
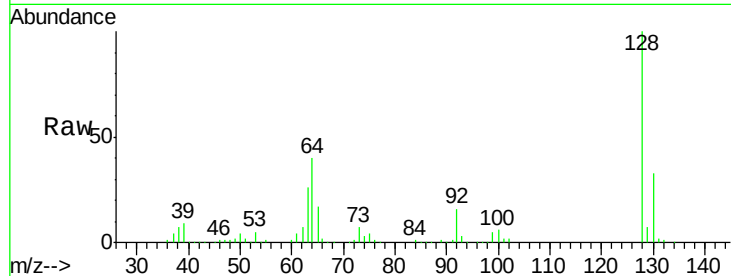
LSS-SS-SS04(0-2in)MS

Tot Ion:	128	Resp:	131620
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.0	52.0
64	40.1	30.8	70.8

Manual Integrations

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#9

Benzaldehyde

Concen: 22.20 ng

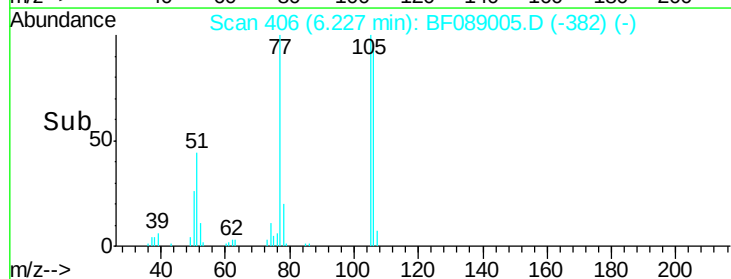
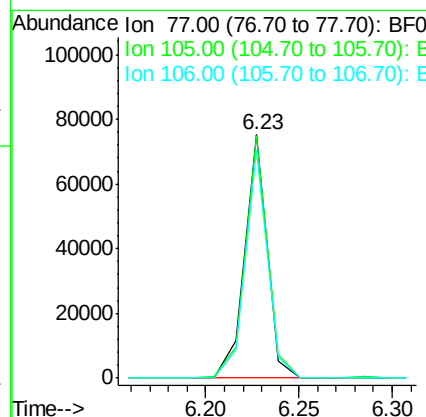
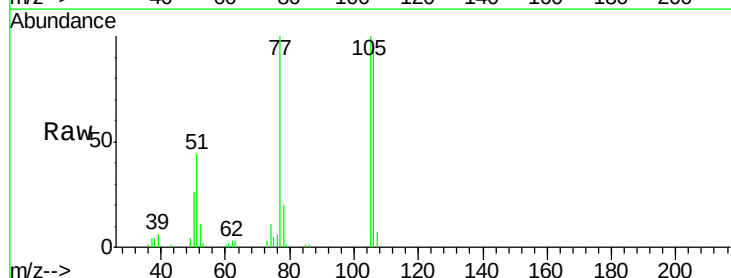
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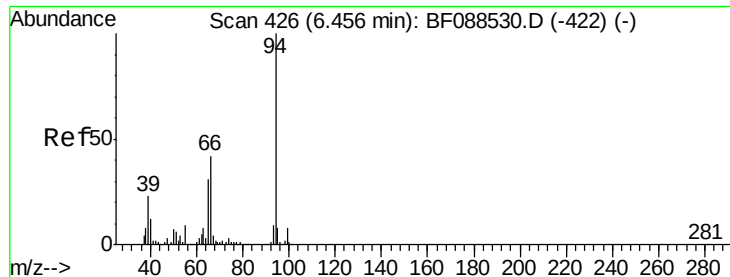
Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Tgt Ion:	77	Resp:	63496
Ion Ratio	Lower	Upper	
77	100		
105	99.7	90.6	130.6
106	93.5	85.3	125.3





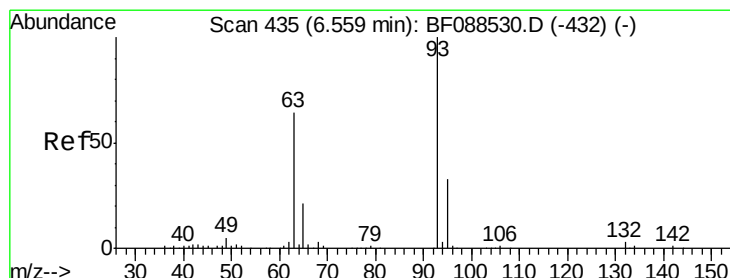
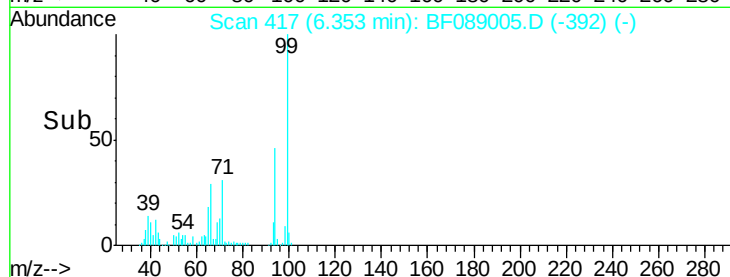
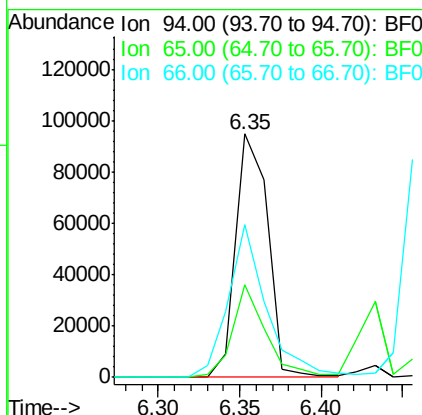
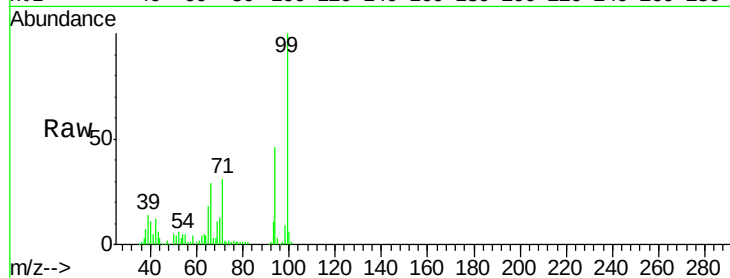
#10
Phenol
Concen: 26.51 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion	Ion	Ratio	Lower	Upper
94	100			
65	38.3	5.9	45.9	
66	62.5	14.0	54.0	

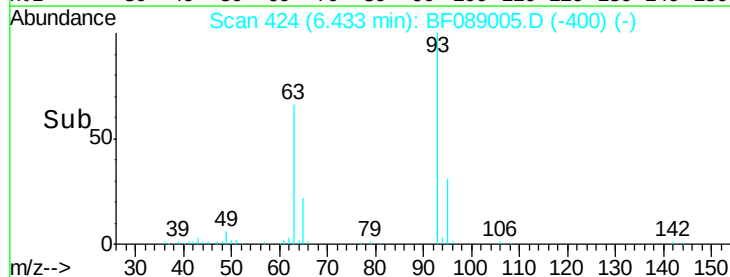
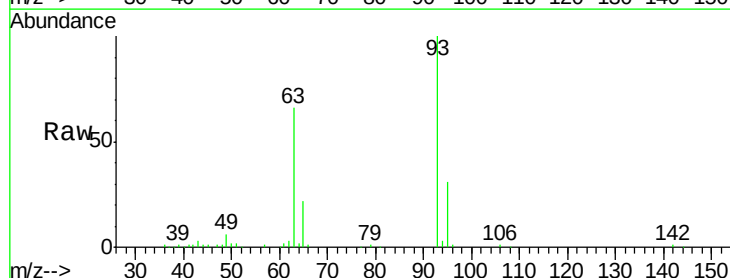
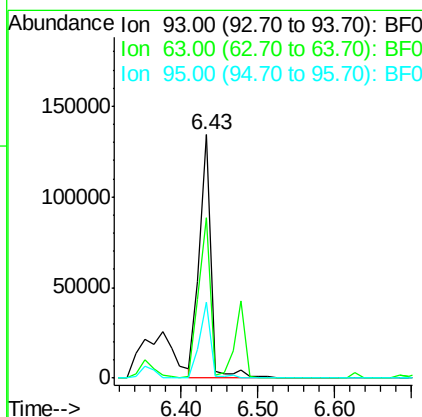
Manual Integrations

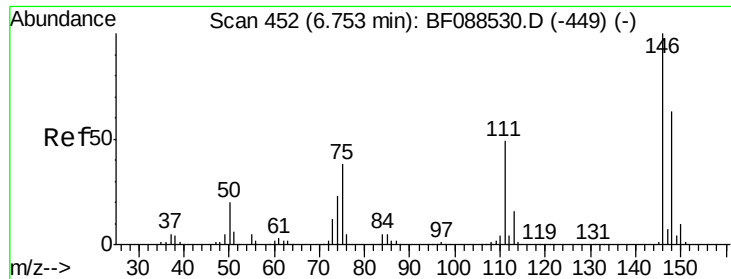
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#11
bis(2-Chloroethyl)ether
Concen: 39.22 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
63	65.7	67.6	107.6	
95	31.2	12.5	52.5	





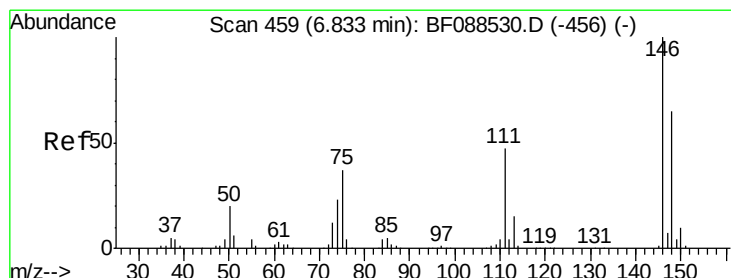
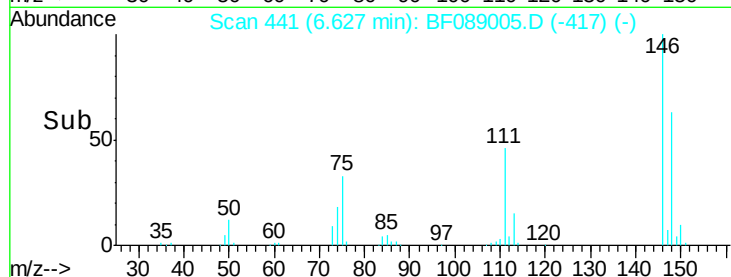
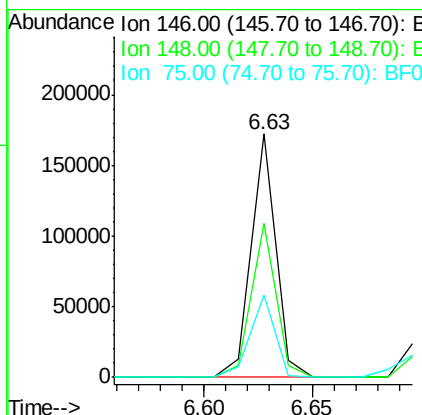
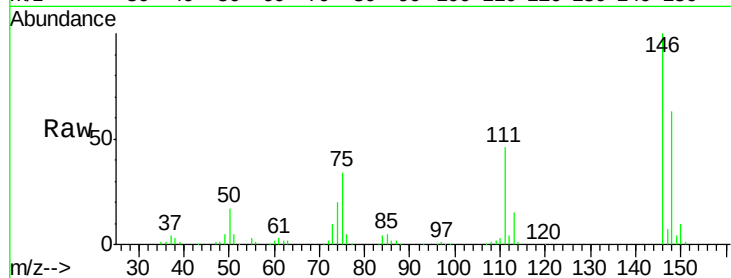
#12
 1,3-Dichlorobenzene
 Concen: 35.02 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.9	76.3
75	34.1	25.6	38.4

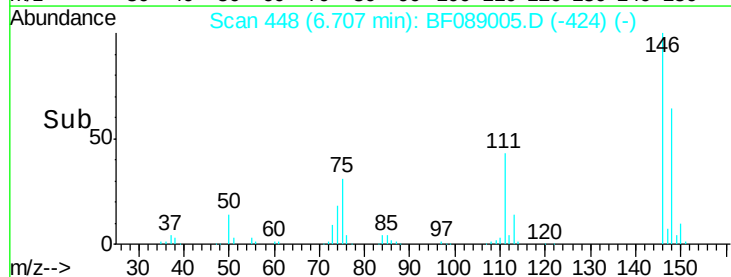
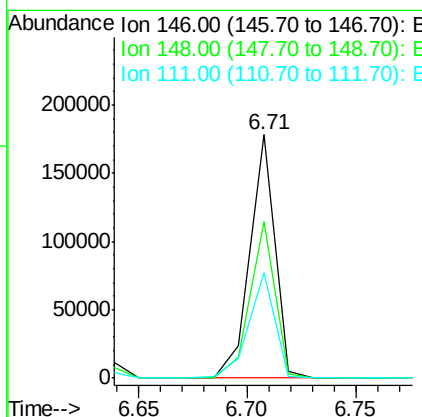
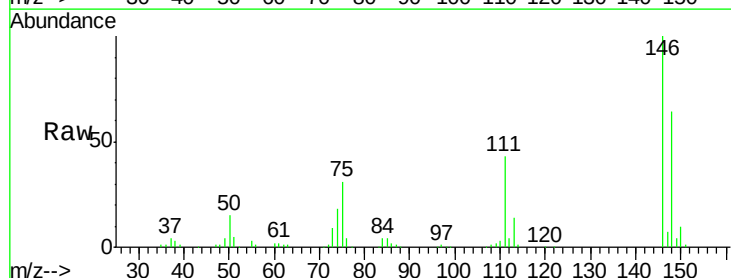
Manual Integrations

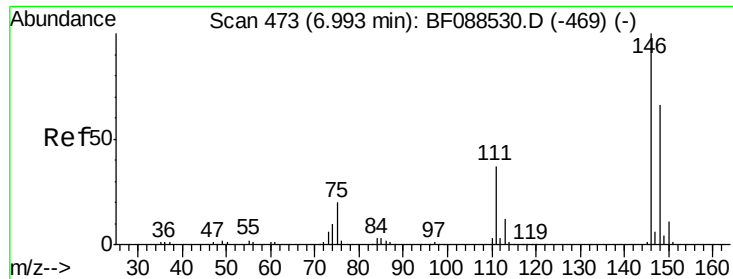
APPROVED
 Sohil
 7/15/2016 9:16:36 AM



#13
 1,4-Dichlorobenzene
 Concen: 36.99 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.0	78.0
111	43.1	33.8	50.8





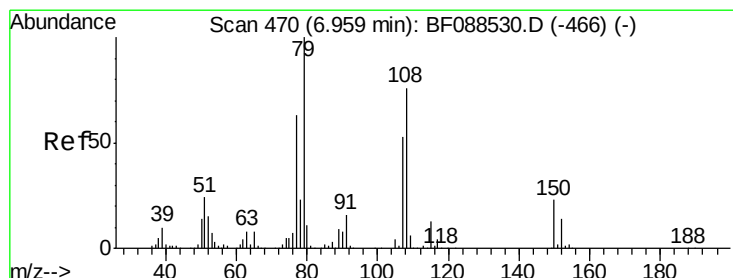
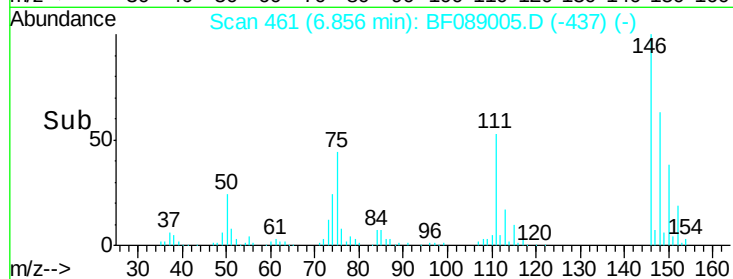
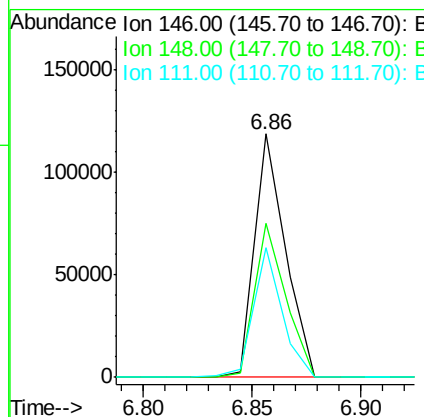
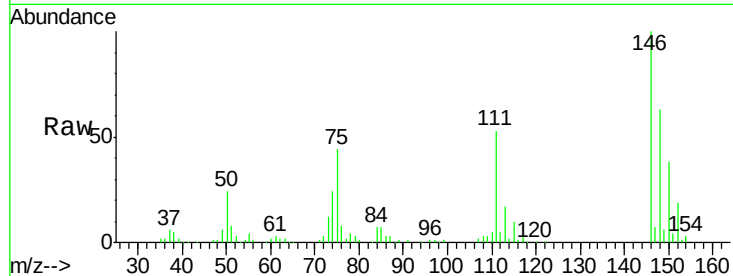
#14
1,2-Dichlorobenzene
Concen: 32.49 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion:146 Resp: 116670
Ion Ratio Lower Upper
146 100
148 63.1 52.3 78.5
111 53.1 28.7 43.1#

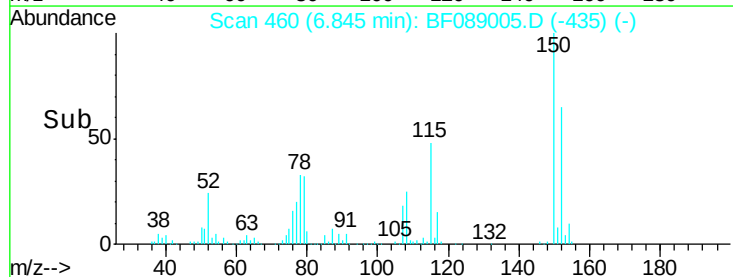
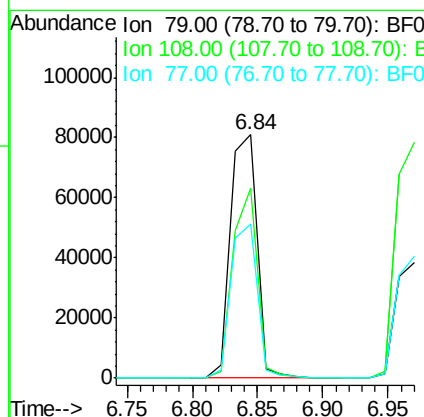
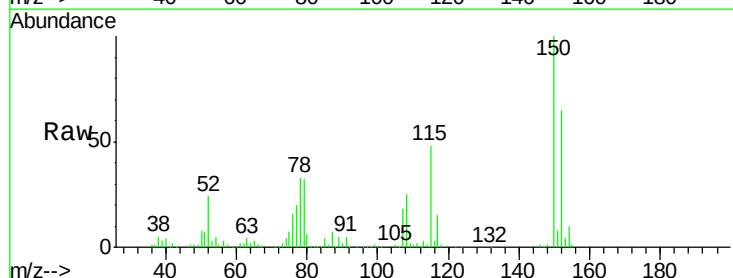
Manual Integrations

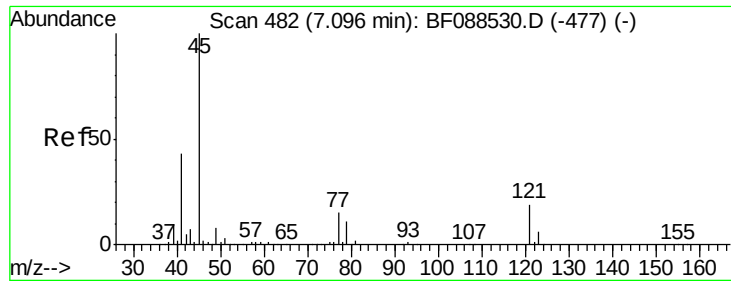
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Sohil
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#15
Benzyl Alcohol
Concen: 36.66 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion: 79 Resp: 113915
Ion Ratio Lower Upper
79 100
108 78.0 65.0 97.6
77 63.5 50.3 75.5





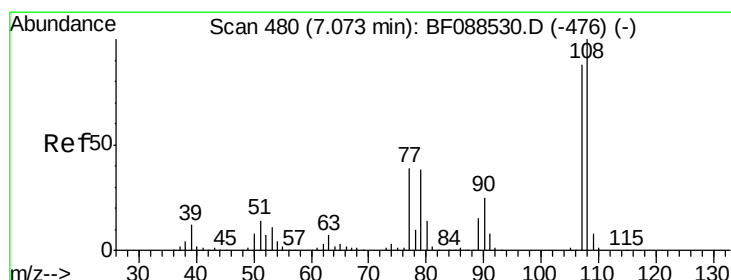
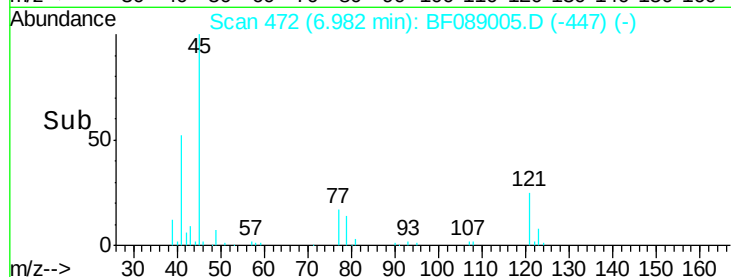
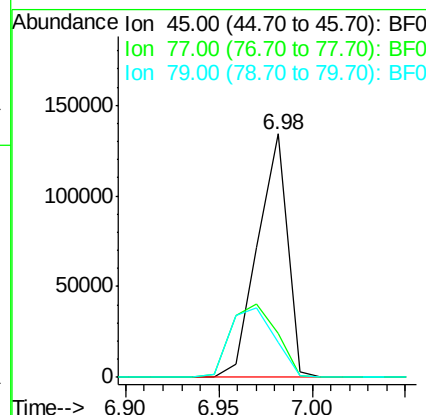
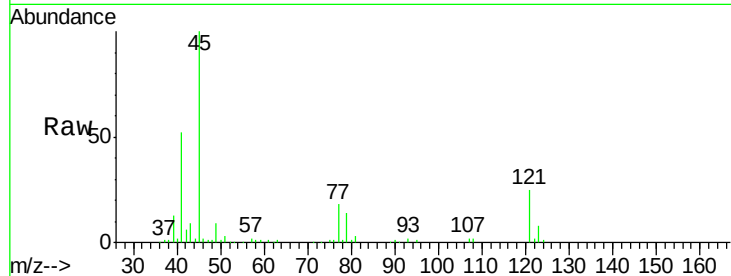
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 28.54 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	32.5
79	14.3	0.0	29.5

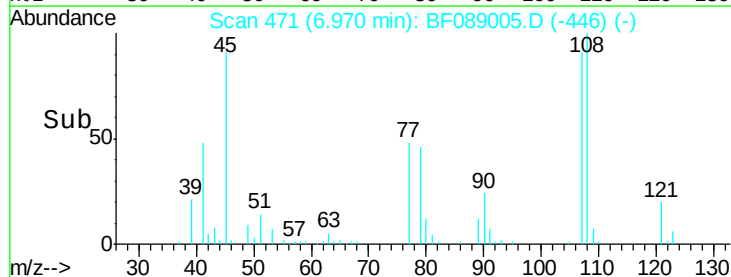
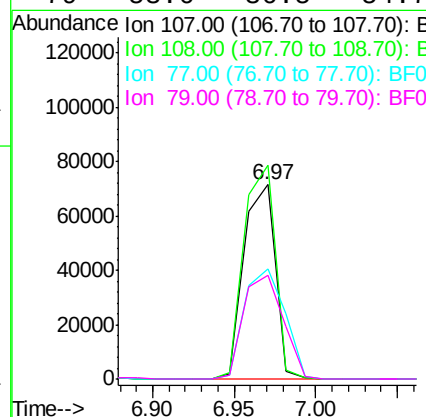
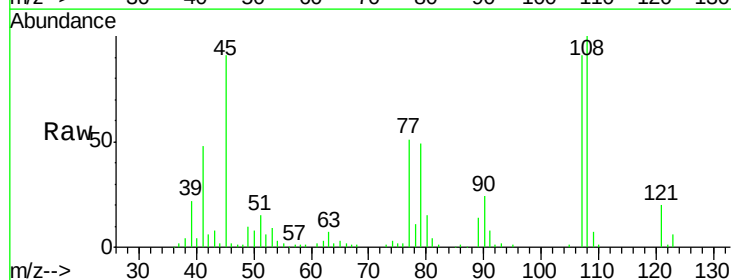
Manual Integrations

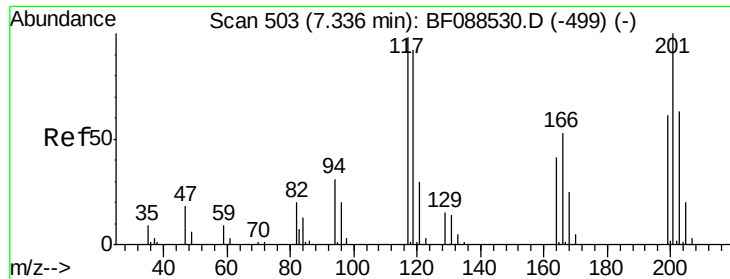
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#17
2-Methylphenol
Concen: 33.22 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.0	90.9	136.3
77	56.6	36.6	55.0#
79	53.6	36.5	54.7





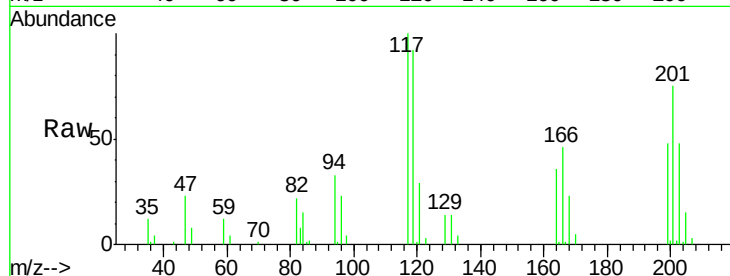
#18
Hexachloroethane
Concen: 19.66 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

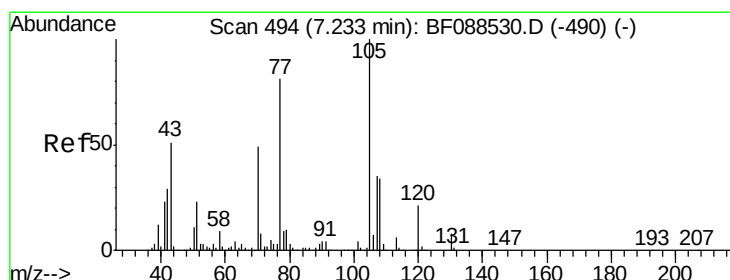
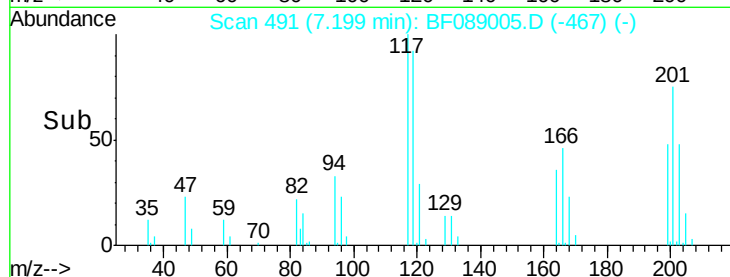
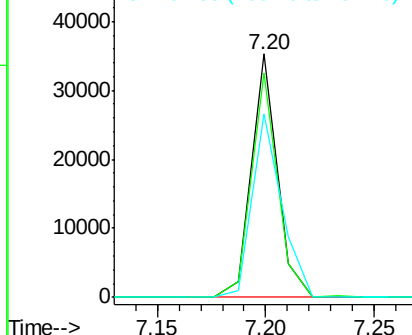
Tot Ion:117 Resp: 29166
Ion Ratio Lower Upper
117 100
119 92.3 77.4 116.2
201 75.5 80.4 120.6#

Manual Integrations

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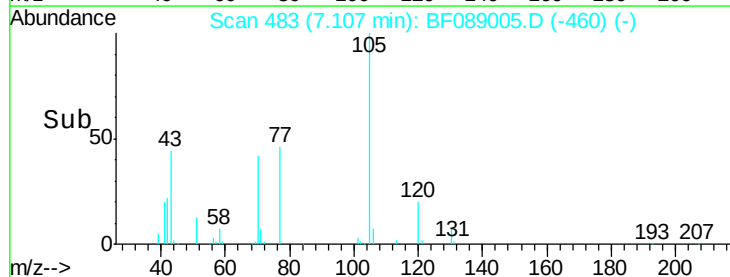
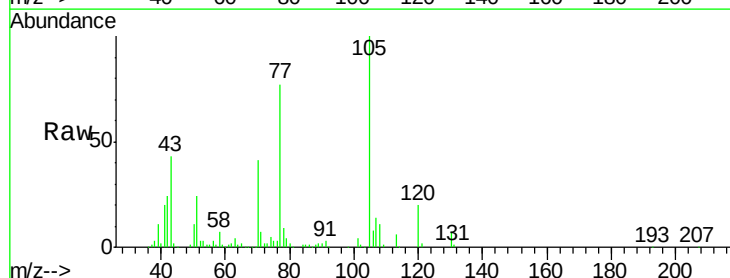
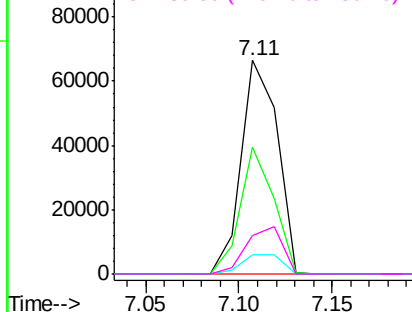
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

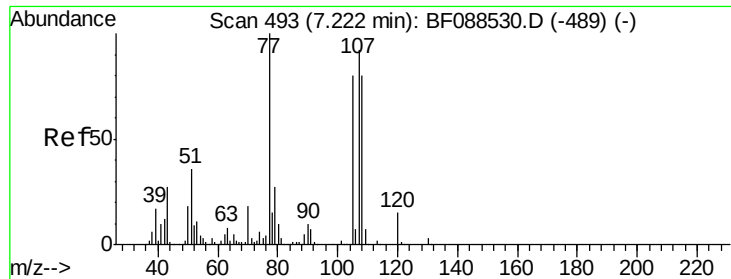


#19
n-Nitroso-di-n-propylamine
Concen: 31.69 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion: 70 Resp: 89872
Ion Ratio Lower Upper
70 100
42 59.4 49.6 74.4
101 8.8 7.1 10.7
130 17.8 15.4 23.2

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 36.71 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF089005.D

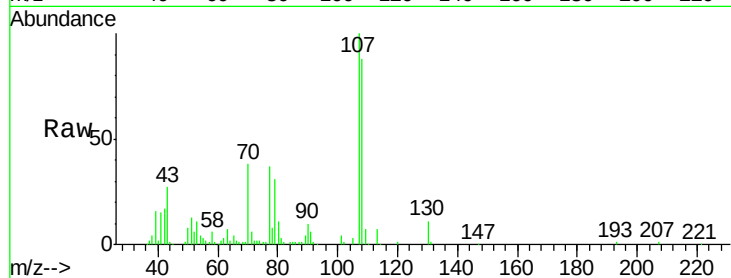
Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MS

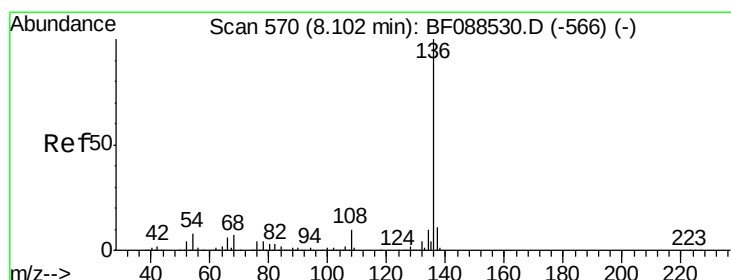
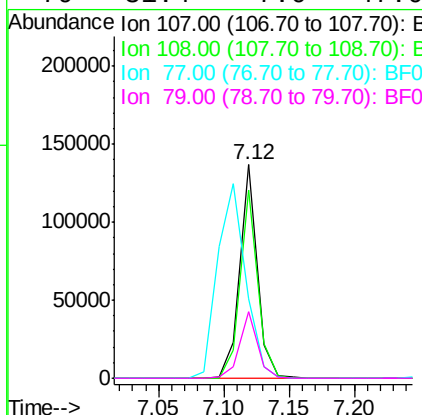
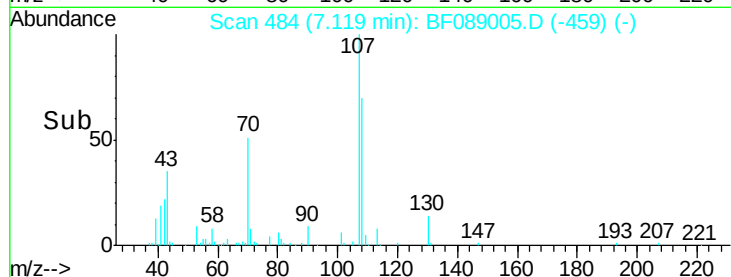


Tot Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.8	107.8
77	36.9	59.3	99.3#
79	31.4	7.0	47.0

Manual Integrations

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#21

Naphthalene-d8

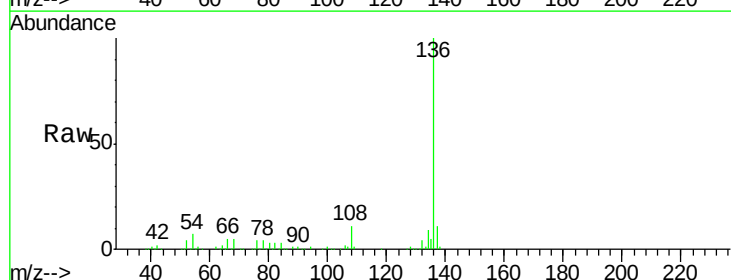
Concen: 20.00 ng

RT: 7.98 min Scan# 559

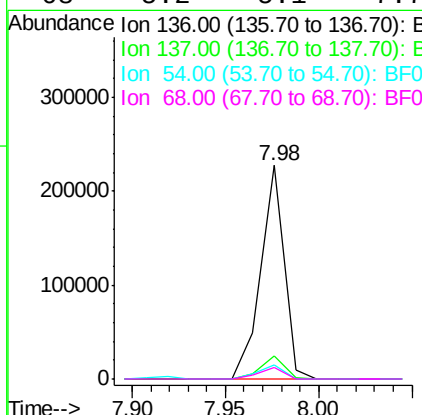
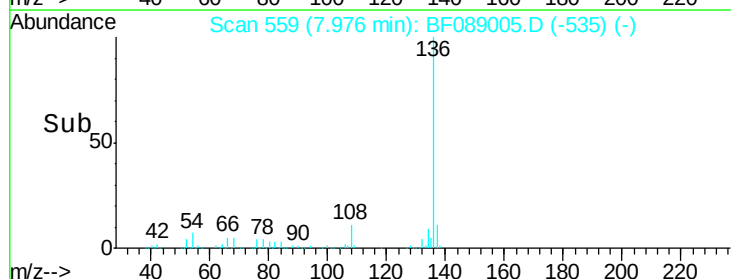
Delta R.T. -0.02 min

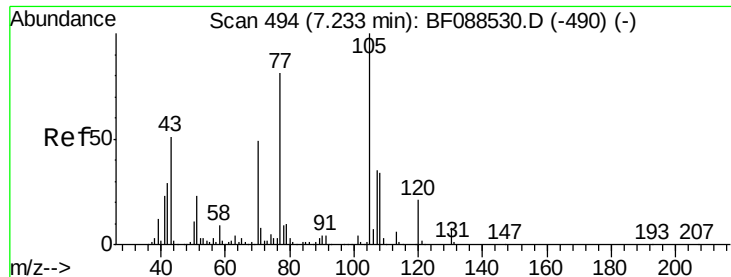
Lab File: BF089005.D

Acq: 15 Jul 2016 00:51



Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.6	6.6	10.0#
68	5.2	5.1	7.7





#22

Acetophenone

Concen: 38.97 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF089005.D

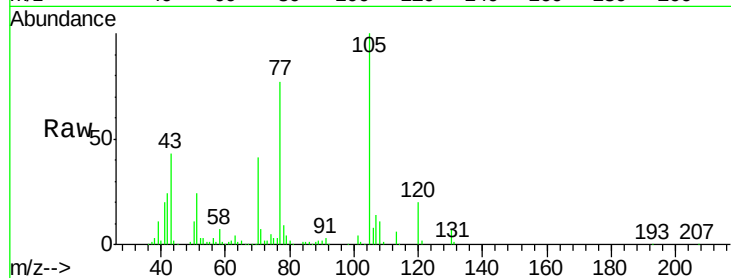
Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MS



Tot Ion: 105 Resp: 186055

Ion Ratio Lower Upper

105 100

71 7.0 5.3 7.9

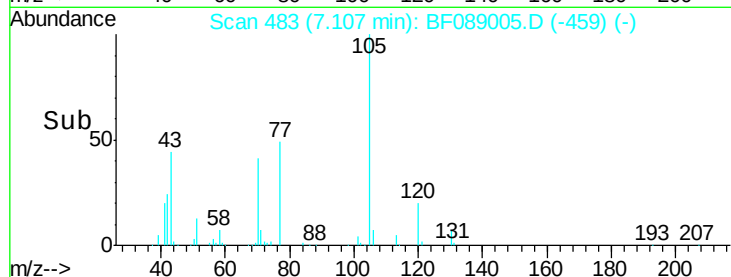
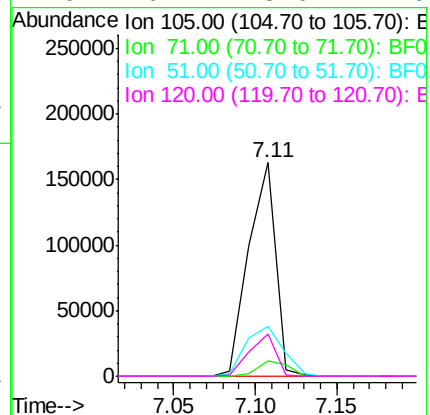
51 23.7 18.2 27.4

120 20.1 18.0 27.0

Manual Integrations

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#23

Nitrobenzene-d5

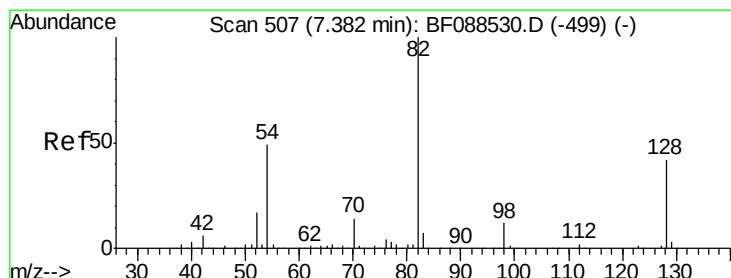
Concen: 65.88 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51



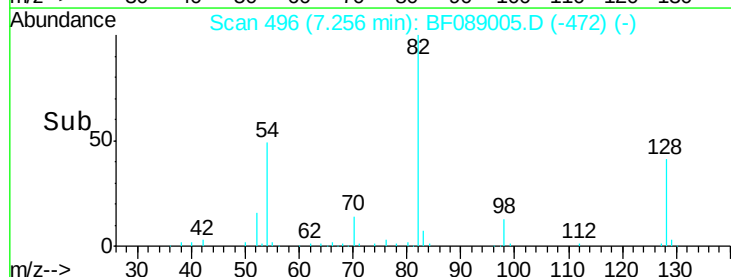
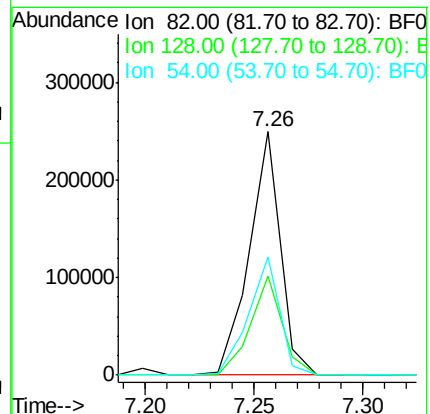
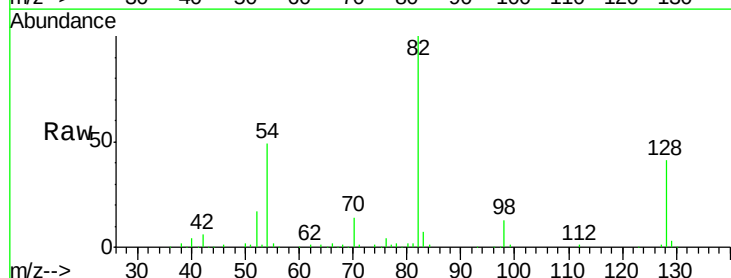
Tgt Ion: 82 Resp: 247255

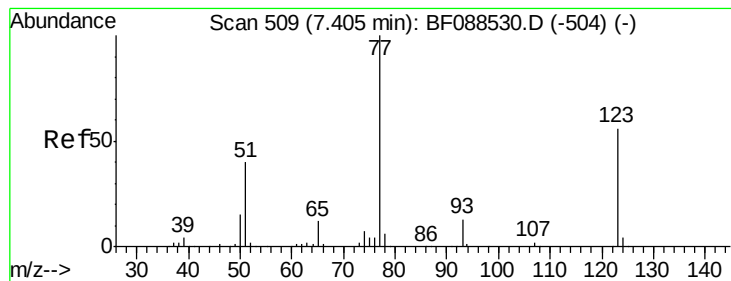
Ion Ratio Lower Upper

82 100

128 40.8 35.9 53.9

54 48.5 40.9 61.3





#24

Nitrobenzene

Concen: 38.28 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MS

Tot Ion: 77 Resp: 144866

Ion Ratio Lower Upper

77 100

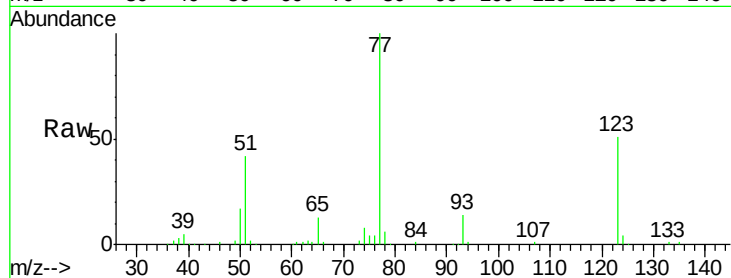
123 50.8 45.0 67.4

65 12.5 10.2 15.2

Manual Integrations

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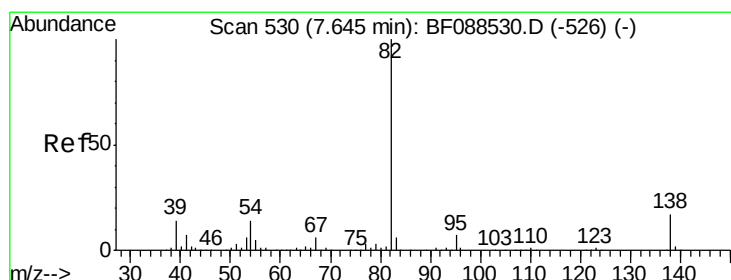
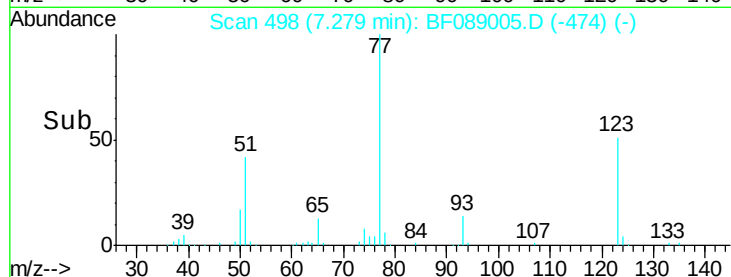
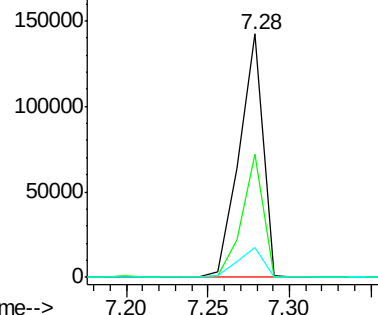
7/15/2016 9:16:36 AM



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 34.85 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

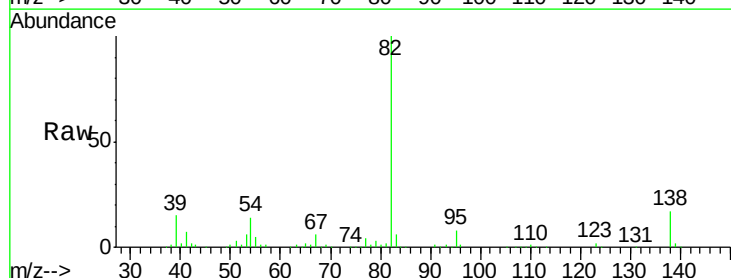
Tgt Ion: 82 Resp: 242312

Ion Ratio Lower Upper

82 100

95 7.7 5.4 8.2

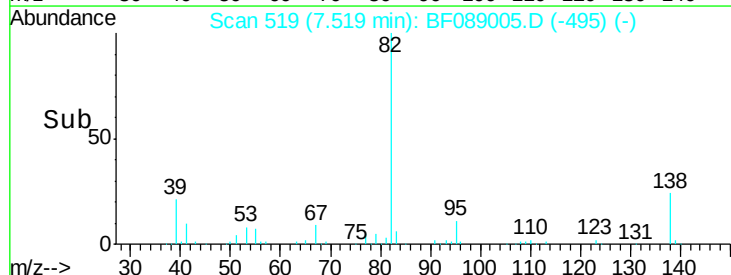
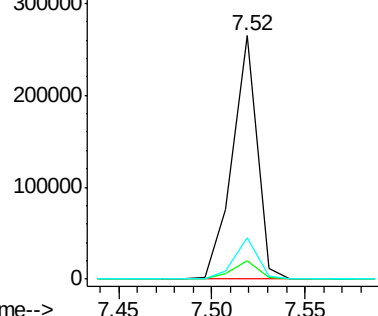
138 16.9 14.6 21.8

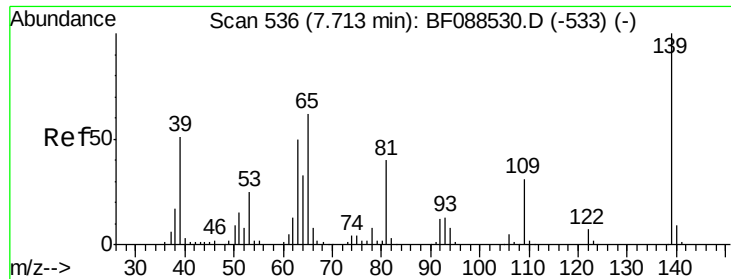


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





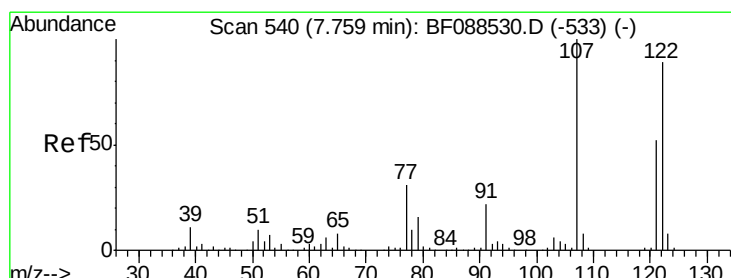
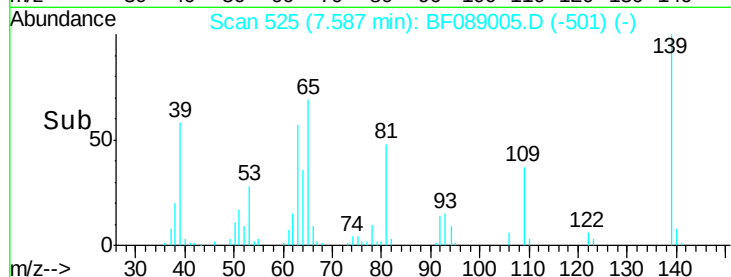
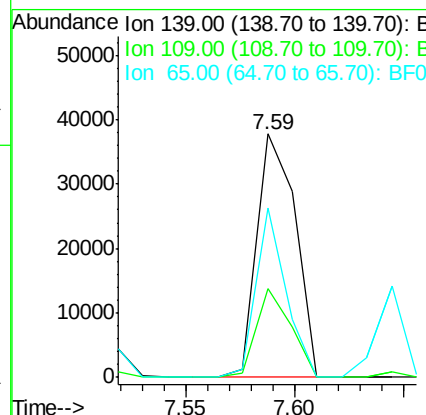
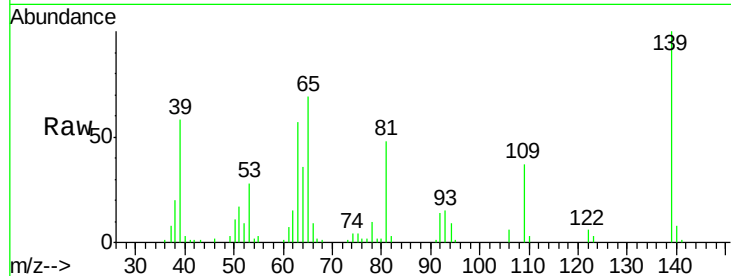
#26
2-Nitrophenol
Concen: 30.04 ng
RT: 7.59 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	36.7	23.0	34.4#
65	69.4	45.8	68.8#

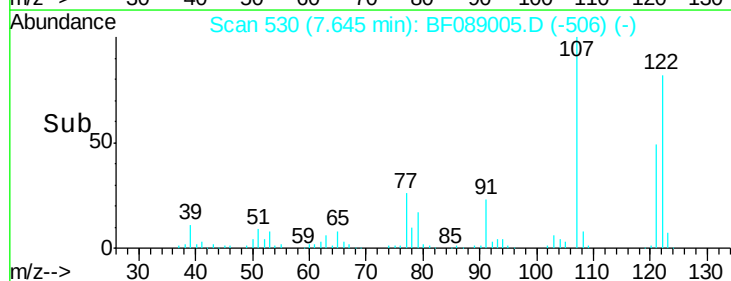
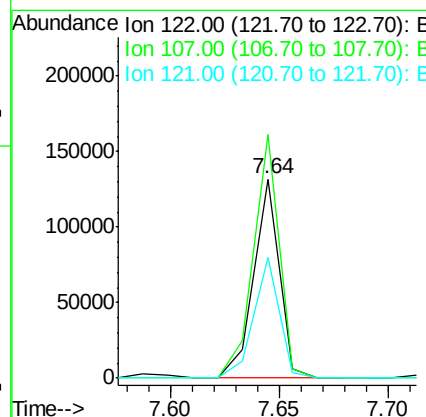
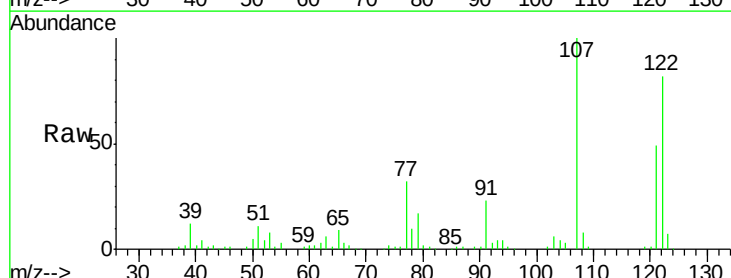
Manual Integrations

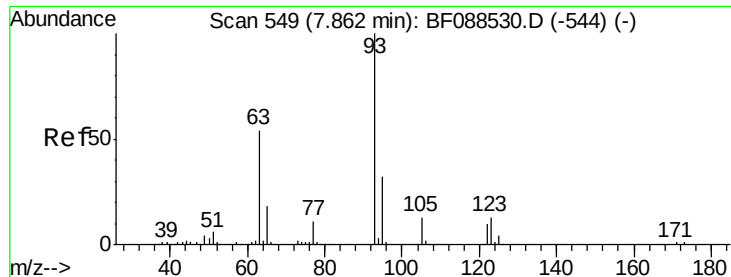
APPROVED
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#27
2,4-Dimethylphenol
Concen: 33.38 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.3	82.4	123.6
121	60.4	46.3	69.5





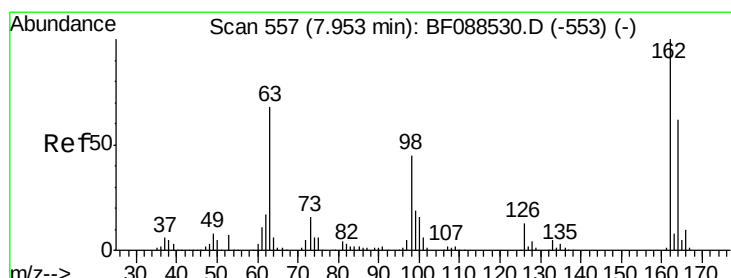
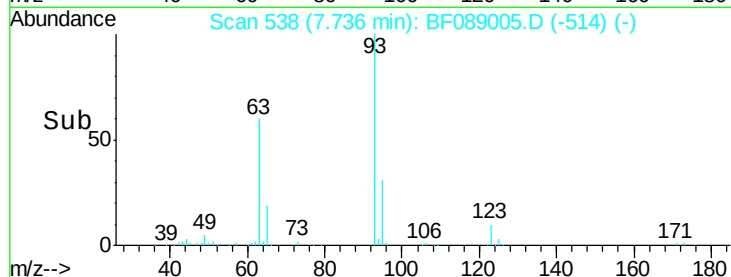
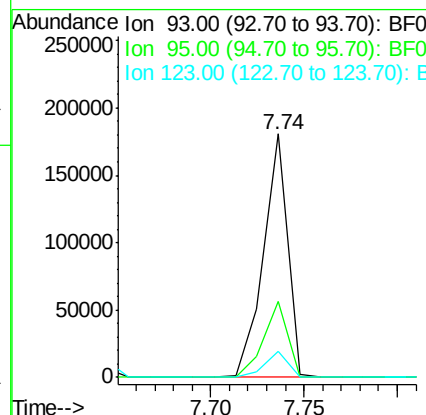
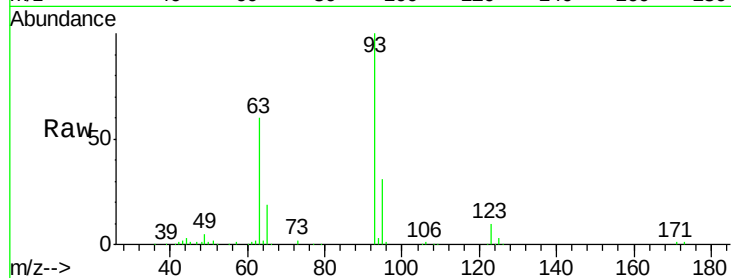
#28
bis(2-Chloroethoxy)methane
Concen: 35.67 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
93	100		
95	31.2	26.5	39.7
123	10.5	11.6	17.4

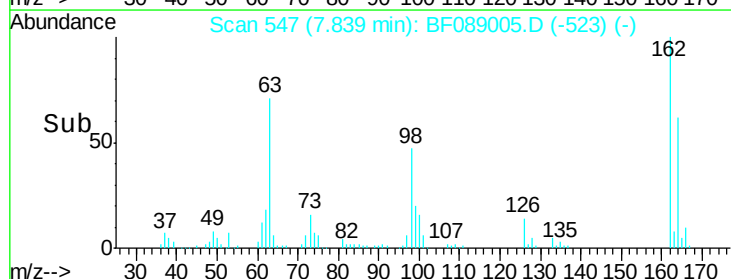
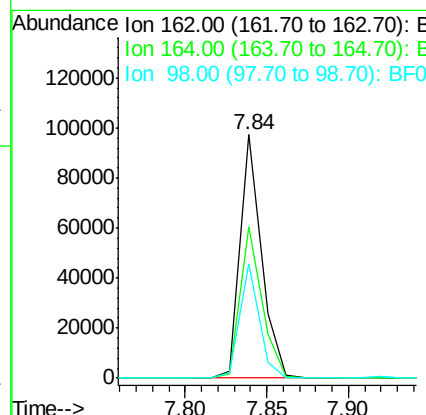
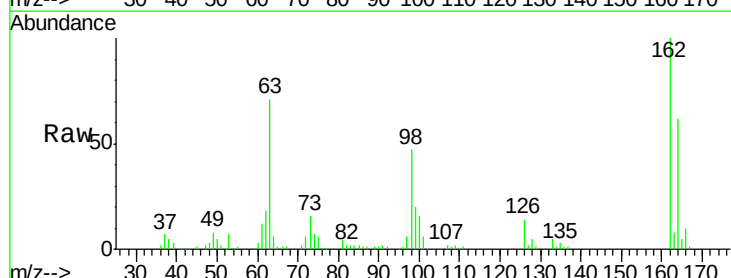
Manual Integrations

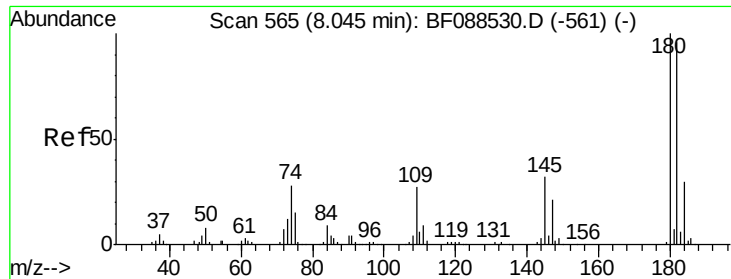
APPROVED
Sohil
7/15/2016 9:16:36 AM



#29
2,4-Dichlorophenol
Concen: 33.35 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.4	43.8	83.8
98	46.8	21.3	61.3





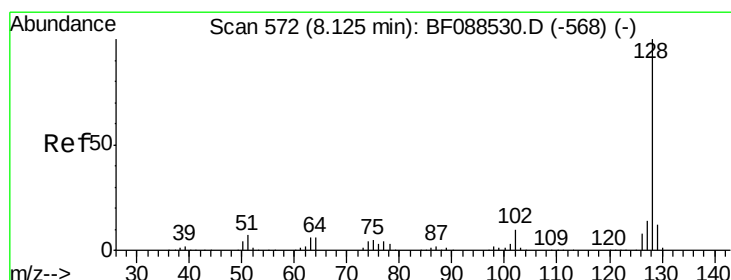
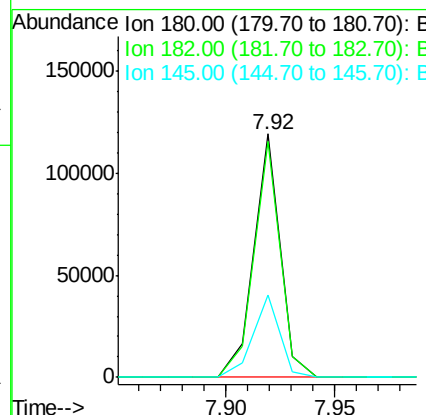
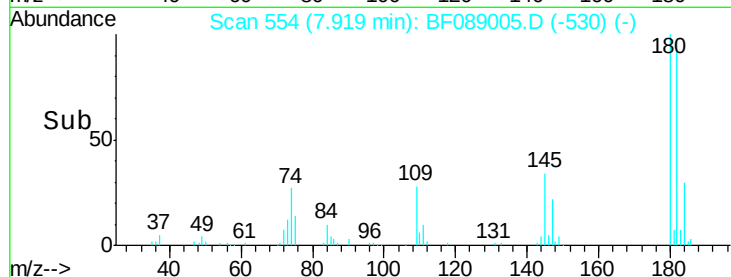
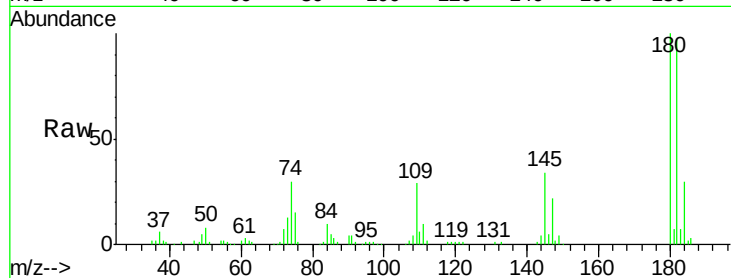
#30
1,2,4-Trichlorobenzene
Concen: 34.92 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.0	114.0
145	33.7	26.5	39.7

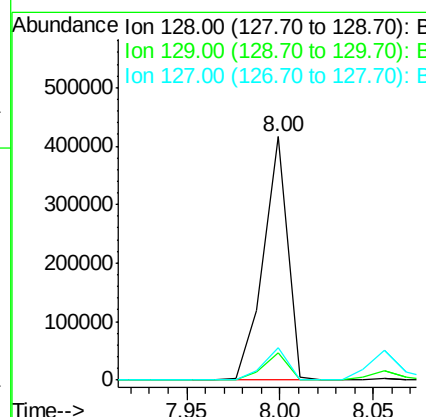
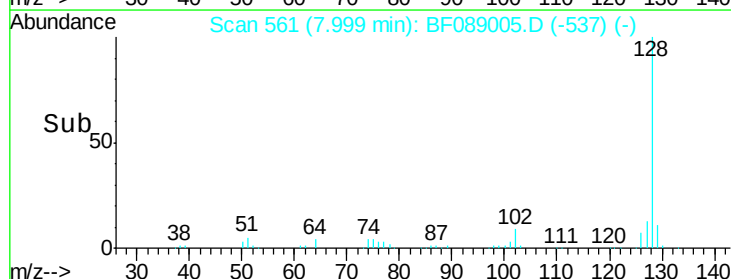
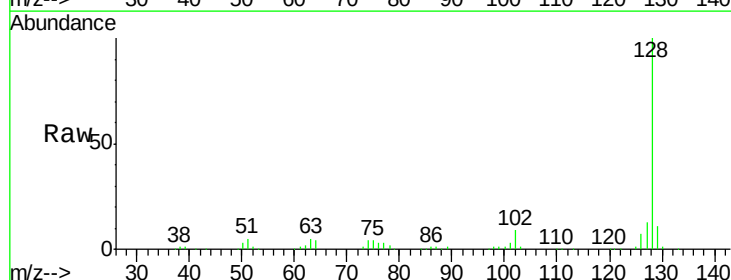
Manual Integrations

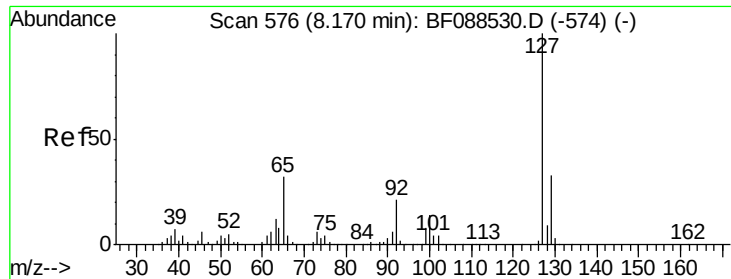
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Sohil
7/15/2016 9:16:36 AM



#31
Naphthalene
Concen: 38.33 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	13.4	10.9	16.3





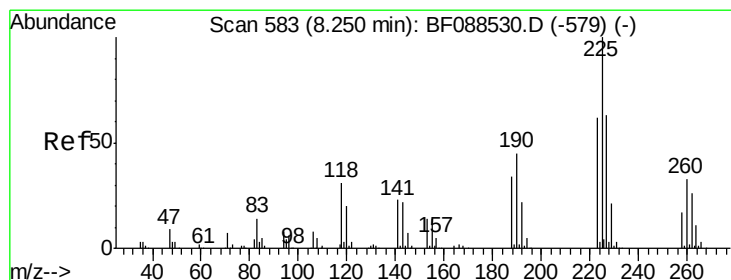
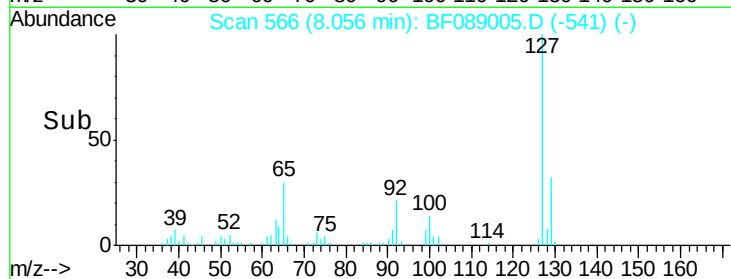
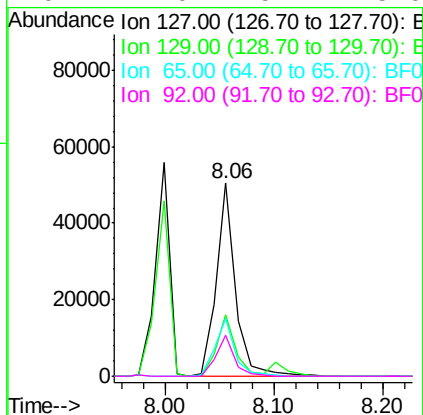
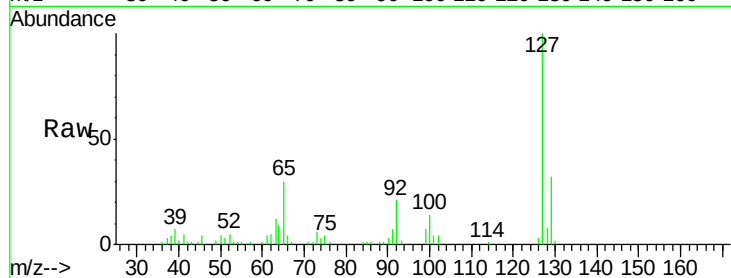
#33
4-Chloroaniline
Concen: 14.40 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion:	127	Resp:	62121
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.3	39.5
65	30.1	24.7	37.1
92	21.0	15.4	23.0

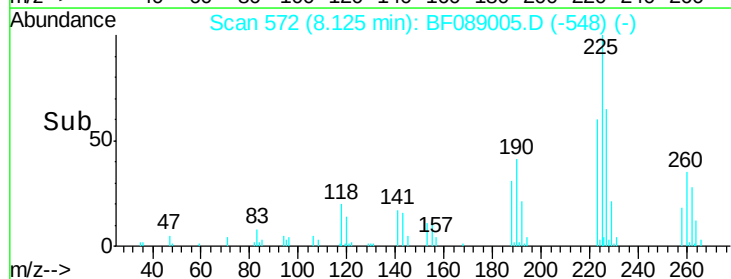
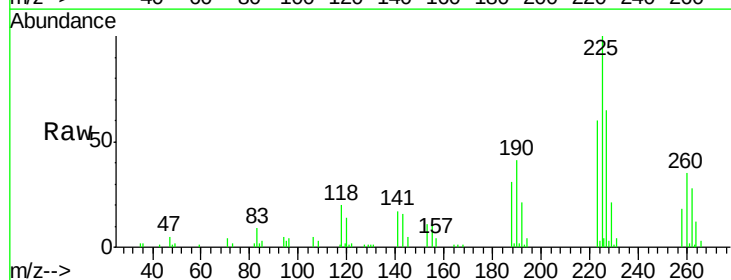
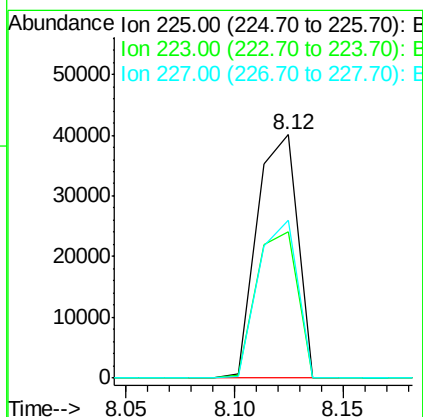
Manual Integrations

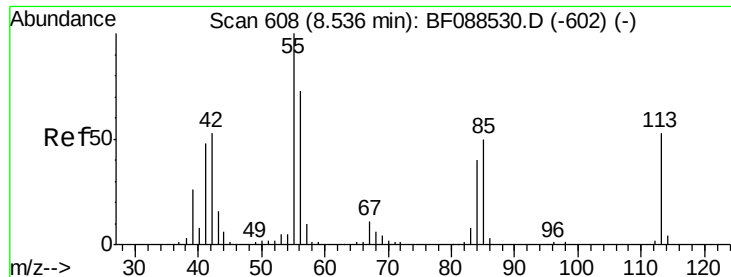
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#34
Hexachlorobutadiene
Concen: 33.93 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion:	225	Resp:	52082
Ion Ratio	Lower	Upper	
225	100		
223	60.1	50.9	76.3
227	64.8	51.9	77.9





#35

Caprolactam

Concen: 30.31 ng

RT: 8.41 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MS

Tot Ion:113 Resp: 26889

Ion Ratio Lower Upper

113 100

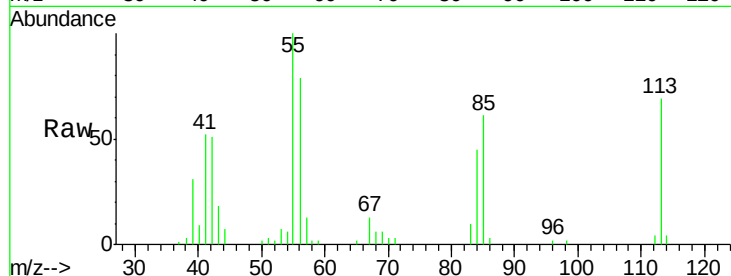
55 144.8 158.6 198.6#

56 114.8 110.6 150.6

Manual Integrations

Sohil

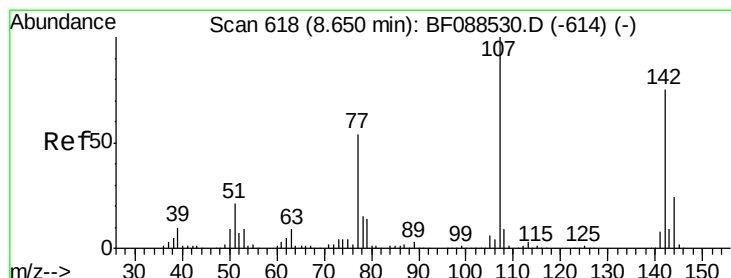
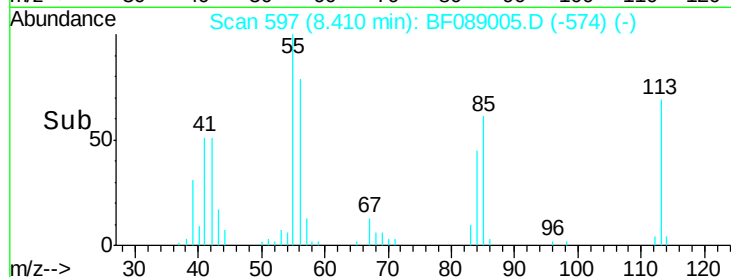
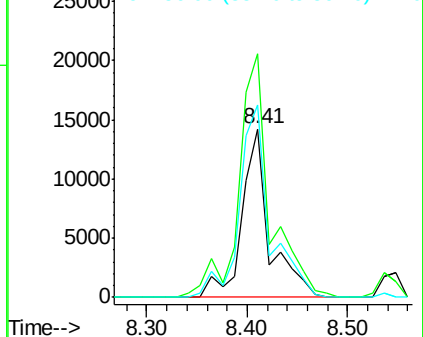
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 29.95 ng

RT: 8.55 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

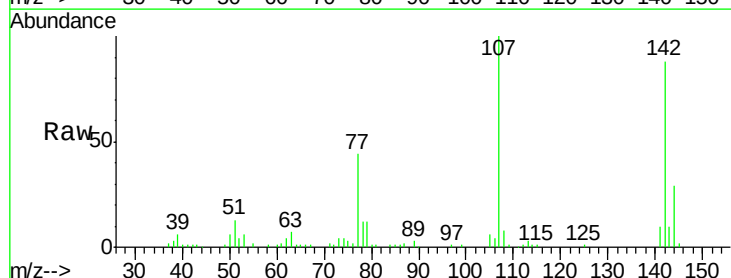
Tgt Ion:107 Resp: 92520

Ion Ratio Lower Upper

107 100

144 28.8 20.8 31.2

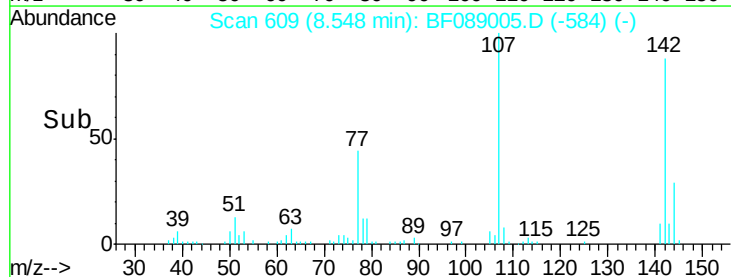
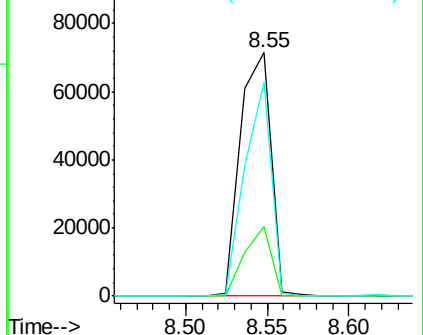
142 88.1 63.4 95.2

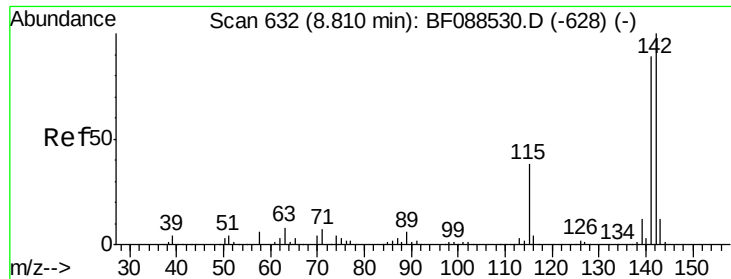


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





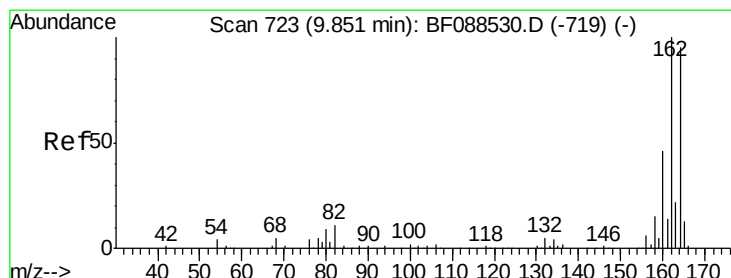
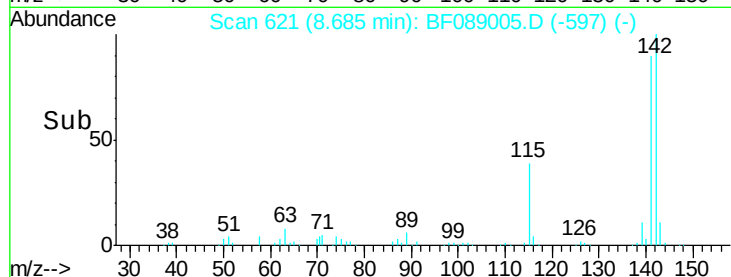
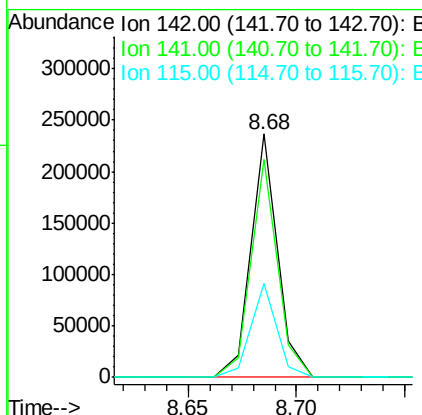
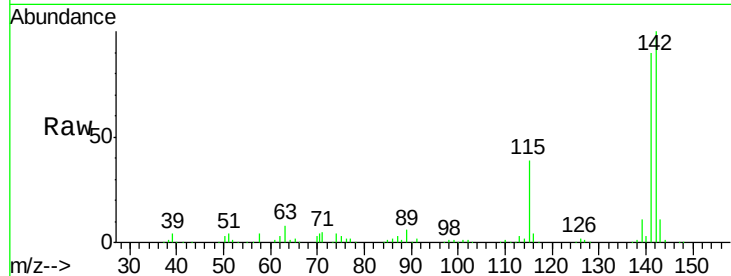
#37
 2-Methylnaphthalene
 Concen: 32.12 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	38.8	22.6	33.8

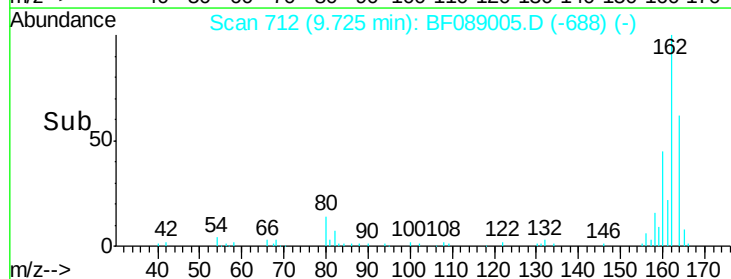
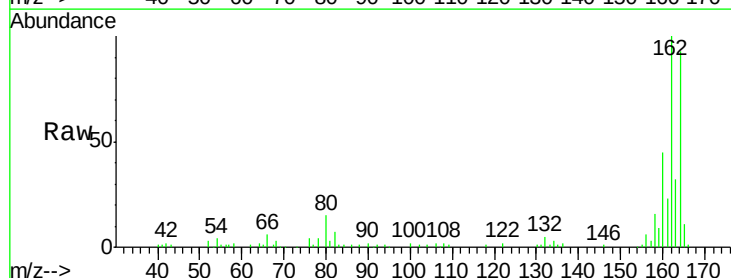
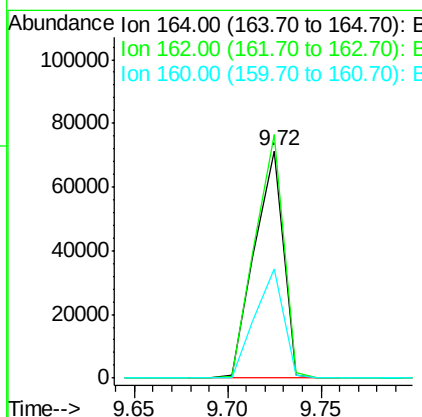
Manual Integrations

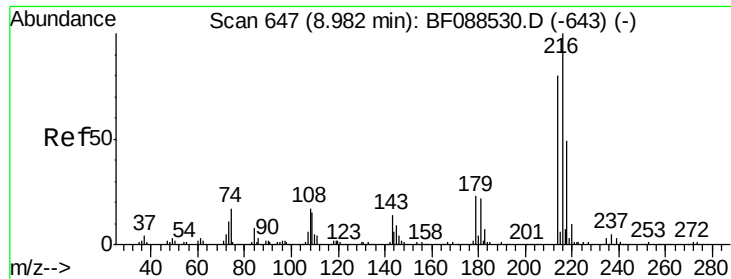
APPROVED
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	85.4	128.2
160	48.3	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.60 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MS

Tot Ion:216 Resp: 90253
Ion Ratio Lower Upper

216 100

214 79.8 2.9 4.3#

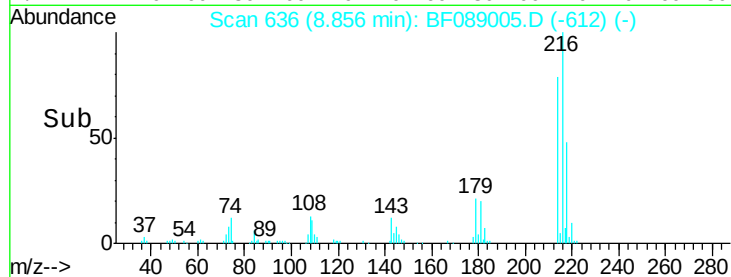
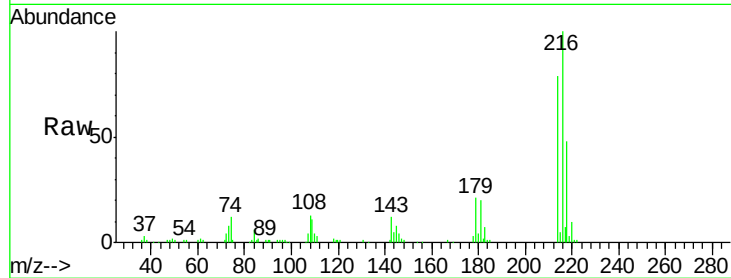
179 22.8 0.0 0.0#

108 17.6 0.5 0.7#

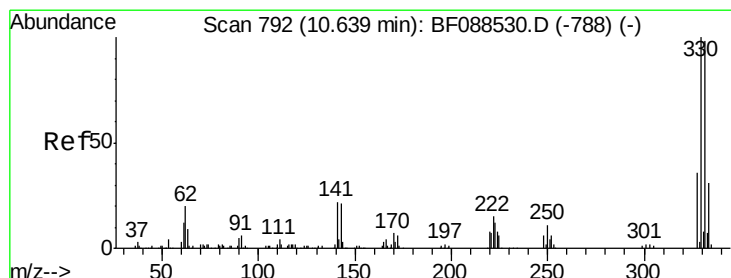
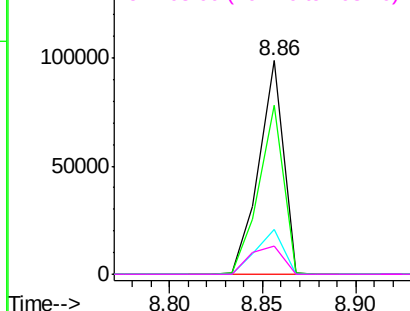
Manual Integrations

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



#41

2,4,6-Tribromophenol

Concen: 85.56 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF089005.D

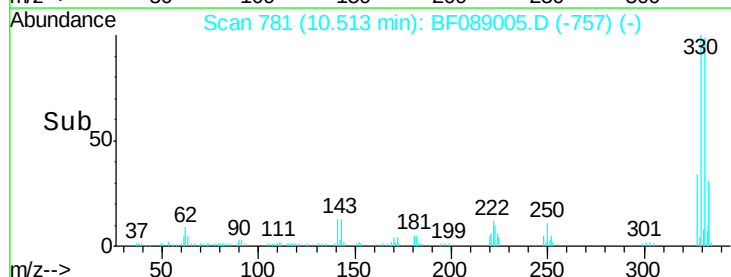
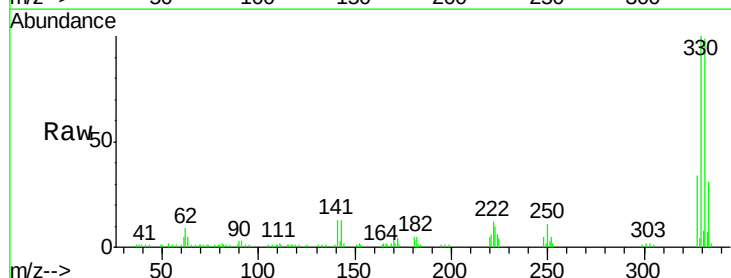
Acq: 15 Jul 2016 00:51

Tgt Ion:330 Resp: 60564
Ion Ratio Lower Upper

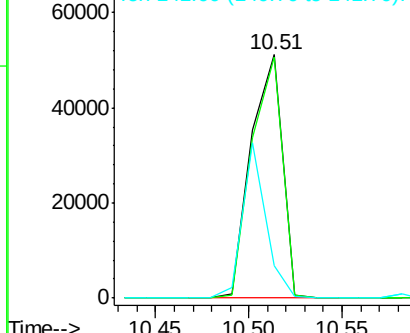
330 100

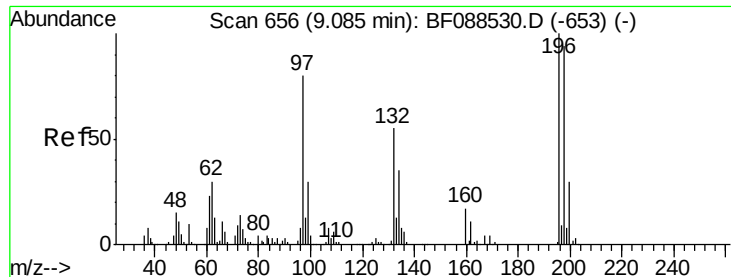
332 96.9 0.0 0.0#

141 47.7 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 35.84 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MS

Tot Ion:196 Resp: 59913

Ion Ratio Lower Upper

196 100

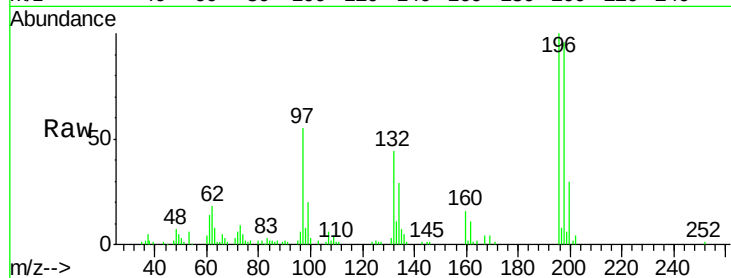
198 96.5 78.0 117.0

200 30.1 25.4 38.2

Manual Integrations

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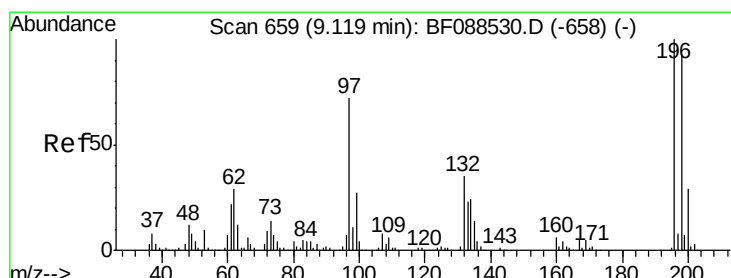
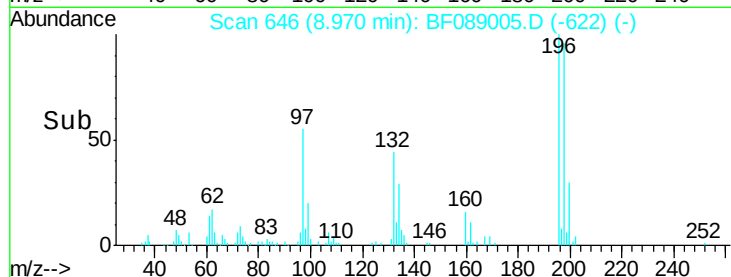
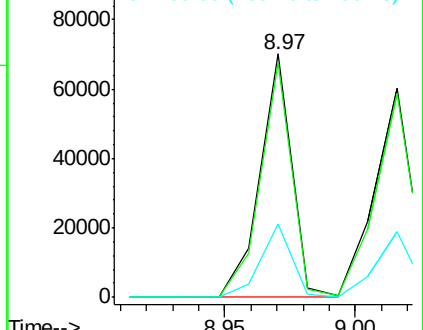
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Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 40.01 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Tgt Ion:196 Resp: 57538

Ion Ratio Lower Upper

196 100

198 97.9 77.5 116.3

97 39.8 32.0 48.0

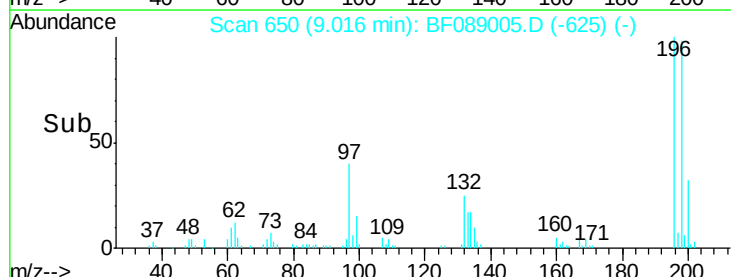
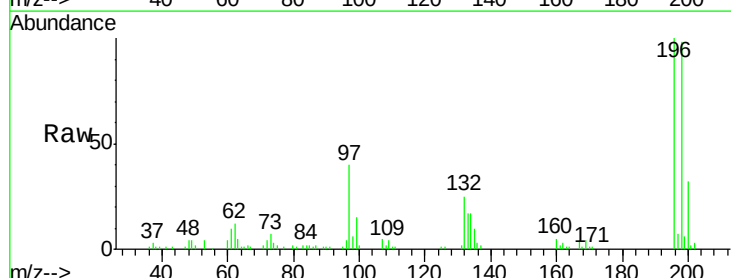
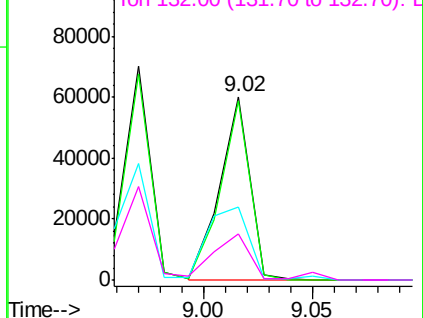
132 24.8 20.9 31.3

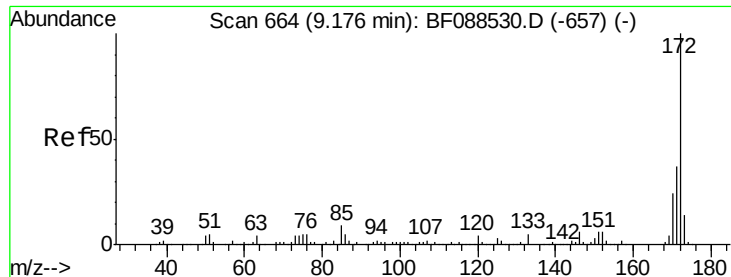
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





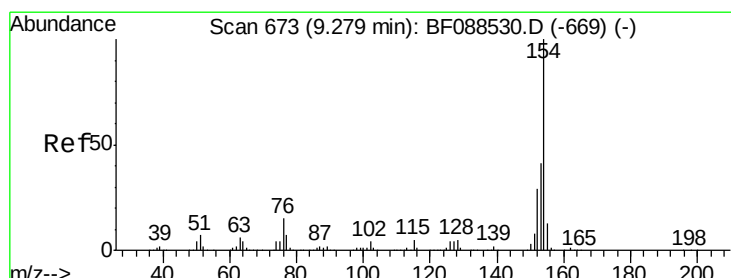
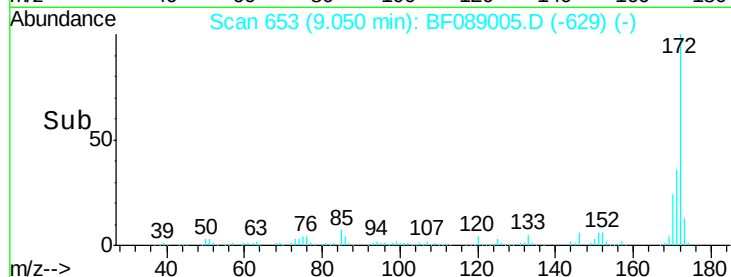
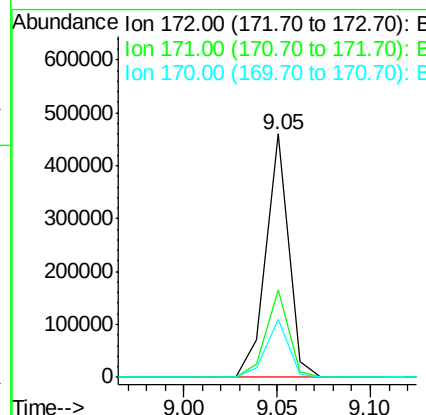
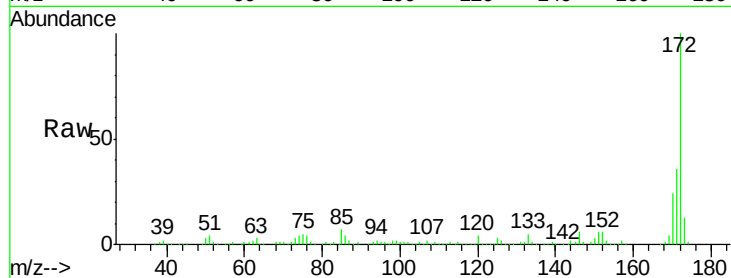
#44
2-Fluorobiphenyl
Concen: 79.79 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		385061		
171	36.1		28.6	43.0	
170	24.0		19.2	28.8	

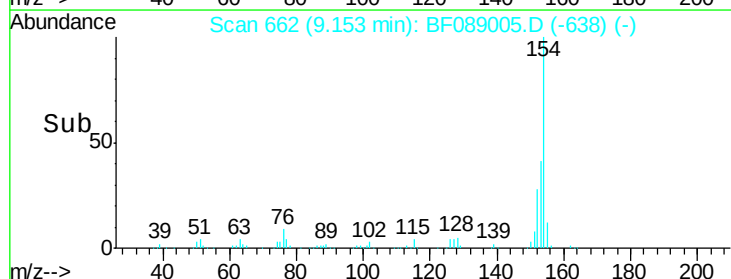
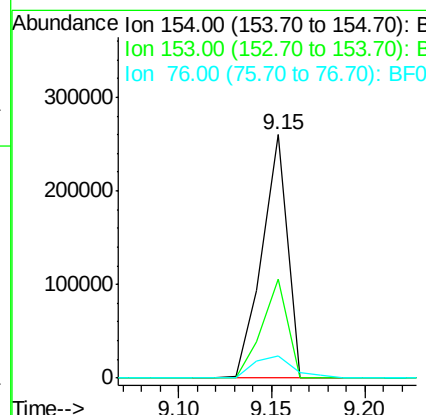
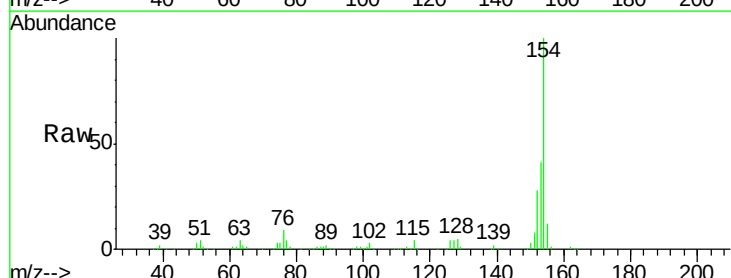
Manual Integrations

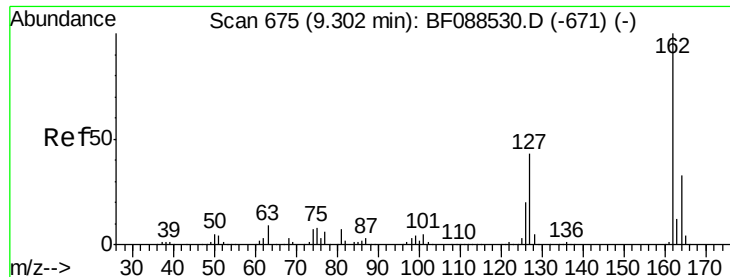
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#45
1,1'-Biphenyl
Concen: 38.79 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		244872		
153	40.7		20.6	60.6	
76	9.0		0.0	35.1	





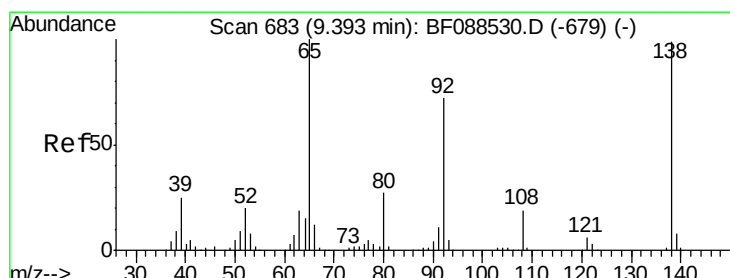
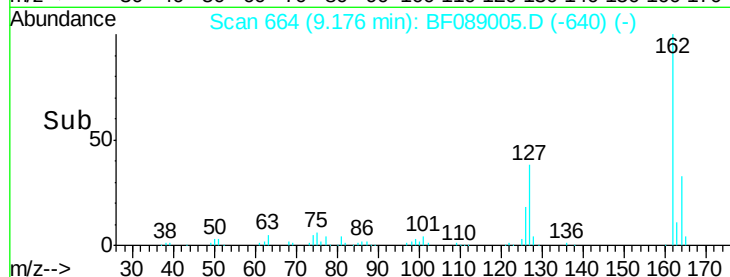
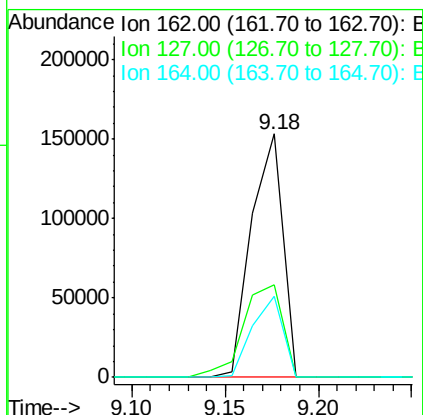
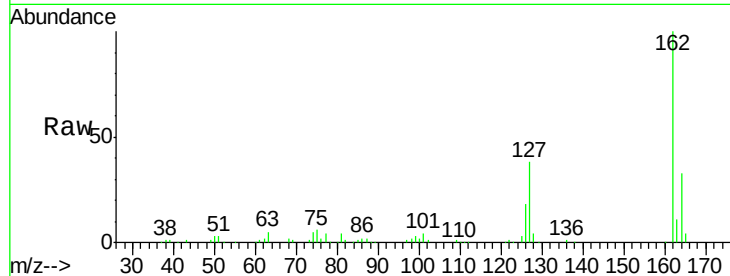
#46
2-Chloronaphthalene
Concen: 36.15 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	35.2	52.8
164	33.4	26.6	39.8

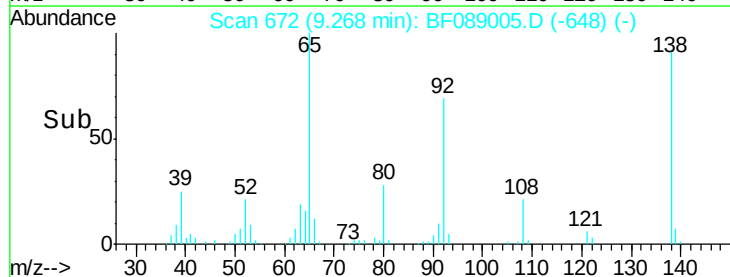
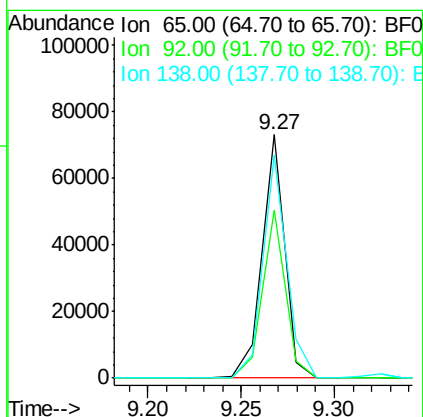
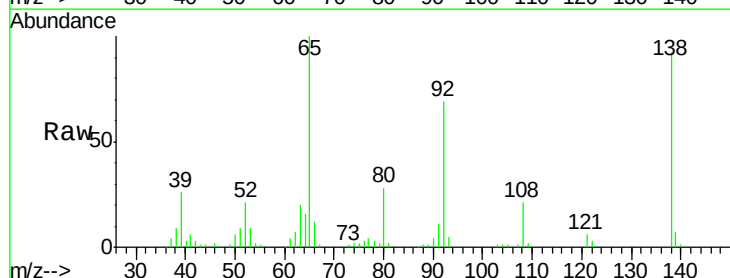
Manual Integrations

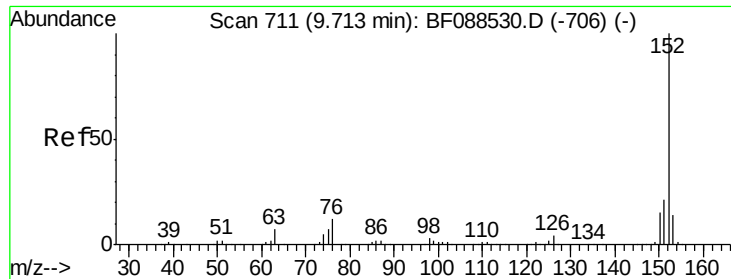
APPROVED
Sohil
7/15/2016 9:16:36 AM



#47
2-Nitroaniline
Concen: 34.56 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	54.6	82.0
138	91.8	77.0	115.4





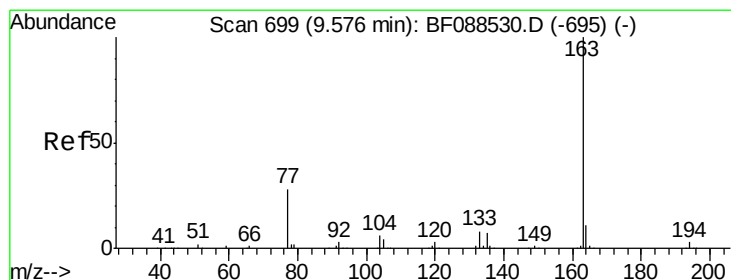
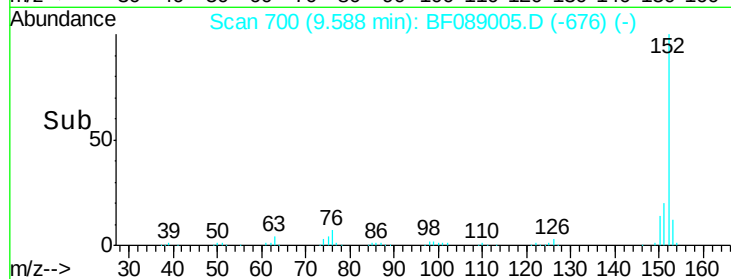
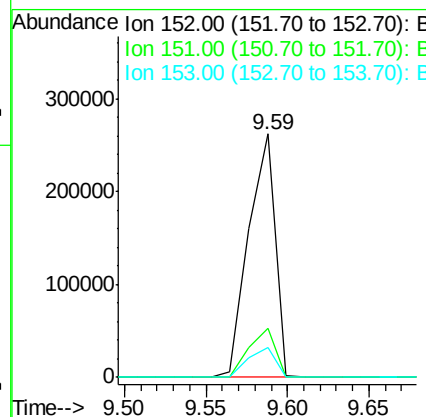
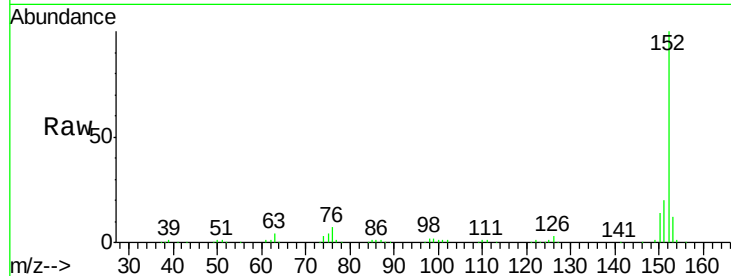
#48
Acenaphthylene
Concen: 37.50 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion:	152	Resp:	295667
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4
153	12.4	11.0	16.6

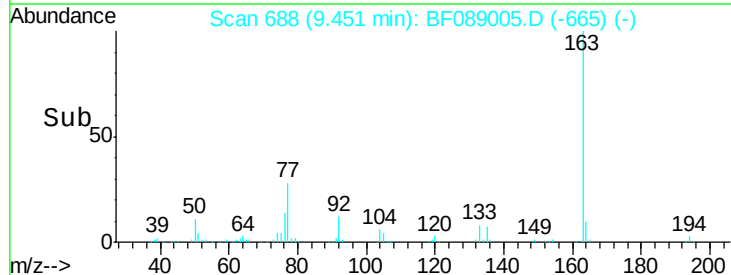
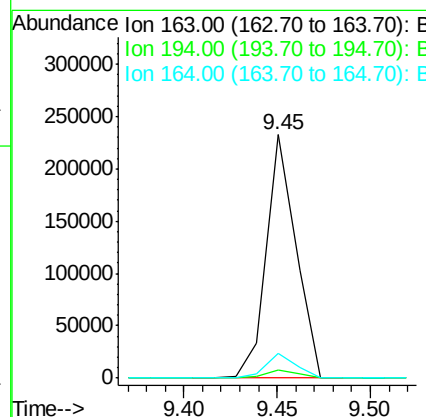
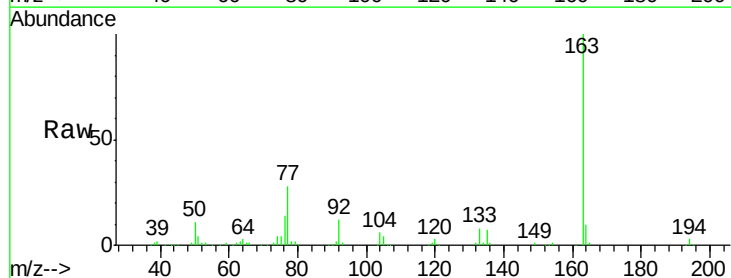
Manual Integrations

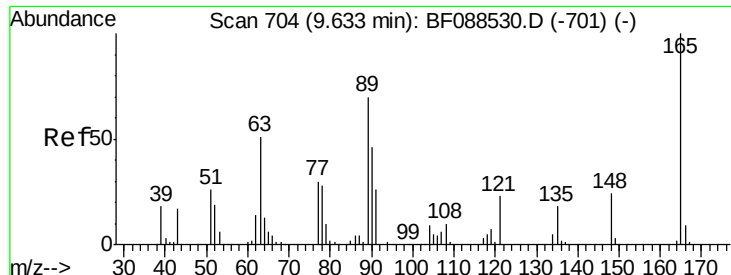
APPROVED
Sohil
7/15/2016 9:16:36 AM



#49
Dimethylphthalate
Concen: 46.77 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion:	163	Resp:	254015
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.8	4.2
164	10.3	8.3	12.5





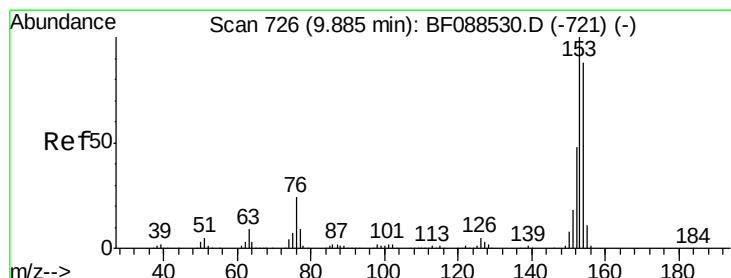
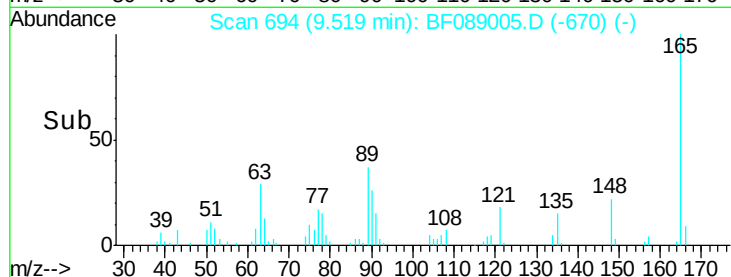
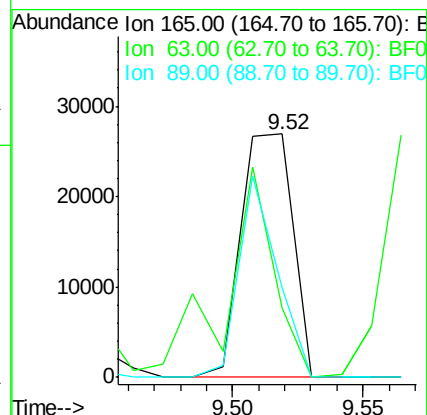
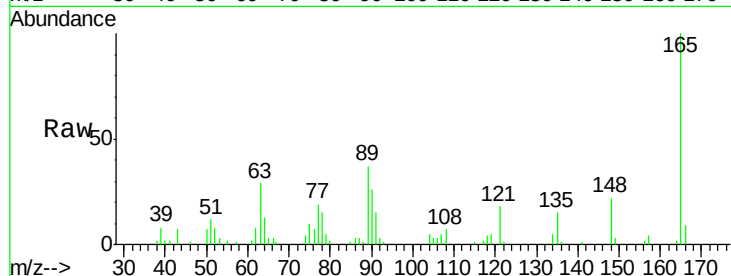
#50
2,6-Dinitrotoluene
Concen: 31.23 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion:	165	Resp:	37590
Ion Ratio	Lower	Upper	
165	100		
63	28.6	28.1	42.1
89	36.9	32.2	48.2

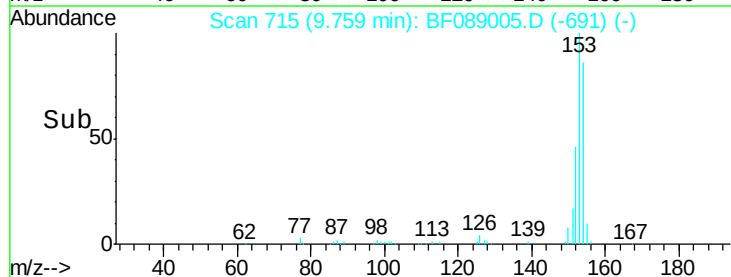
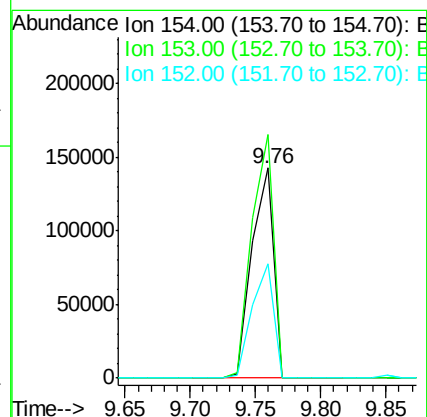
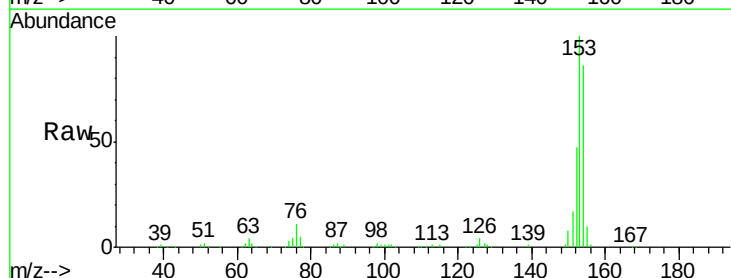
Manual Integrations

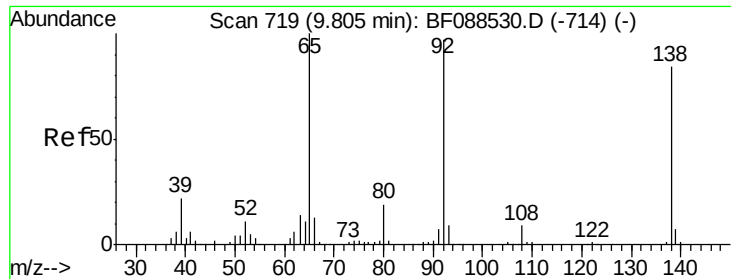
APPROVED
Sohil
7/15/2016 9:16:36 AM



#51
Acenaphthene
Concen: 34.11 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion:	154	Resp:	164859
Ion Ratio	Lower	Upper	
154	100		
153	115.8	89.5	134.3
152	54.1	42.7	64.1





#52

3-Nitroaniline

Concen: 29.76 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MS

Tot Ion:138 Resp: 45536

Ion Ratio Lower Upper

138 100

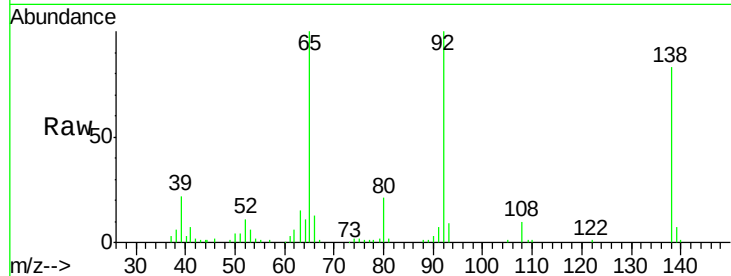
108 11.5 8.5 12.7

92 119.7 95.7 143.5

Manual Integrations

Sohil

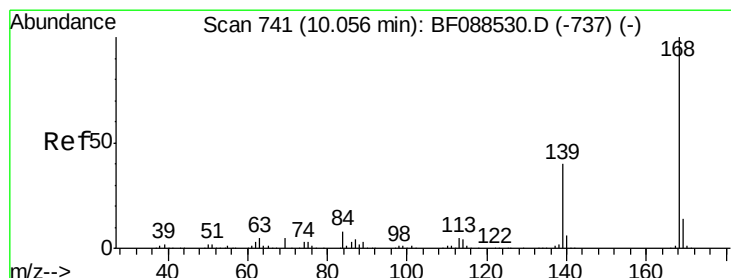
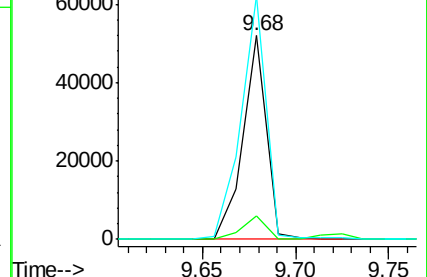
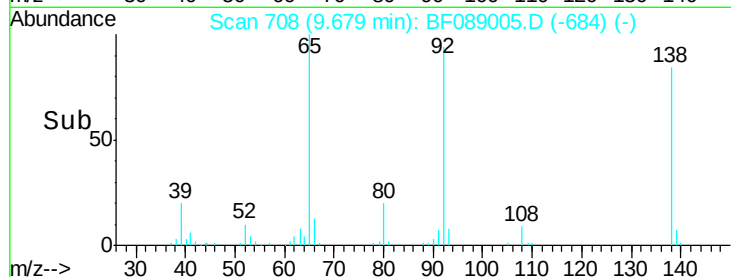
7/15/2016 9:16:36 AM



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): E



#54

Dibenzofuran

Concen: 37.32 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

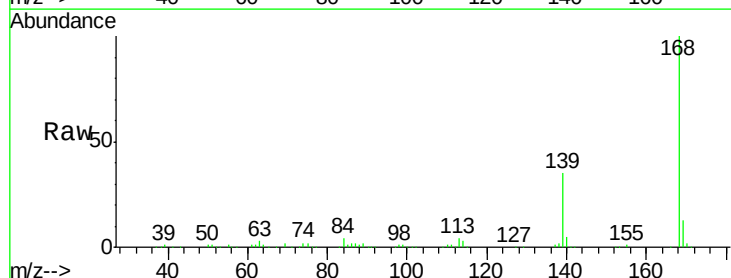
Tgt Ion:168 Resp: 236092

Ion Ratio Lower Upper

168 100

139 35.1 26.4 39.6

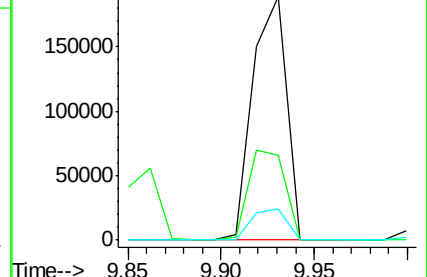
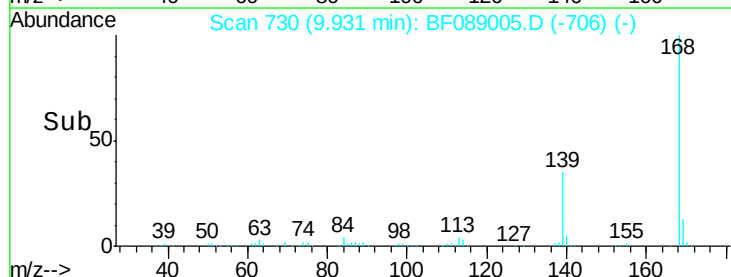
169 12.9 10.4 15.6

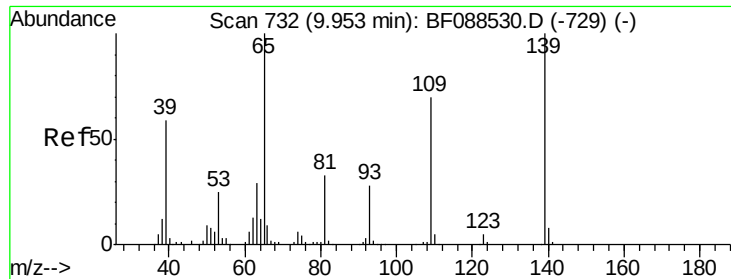


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 59.05 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MS

Tot Ion:139 Resp: 68654

Ion Ratio Lower Upper

139 100

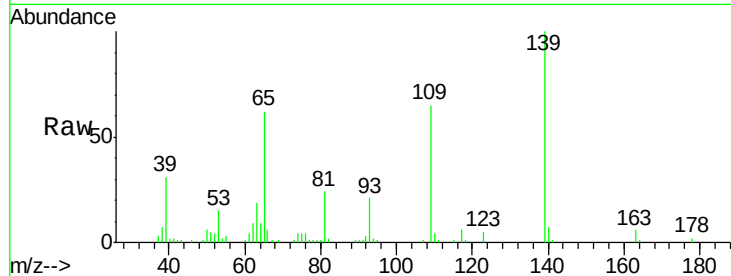
109 65.4 48.9 88.9

65 62.3 84.9 124.9#

Manual Integrations

Sohil

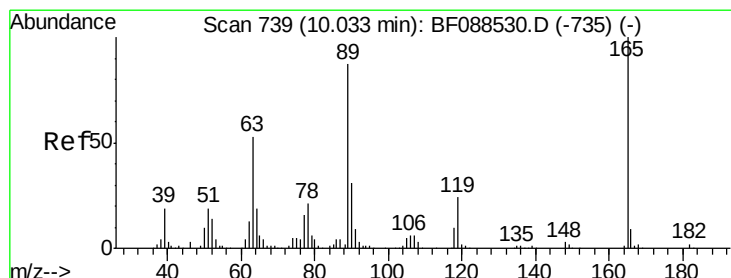
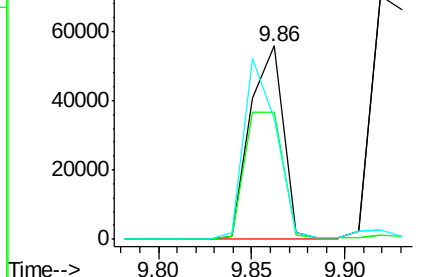
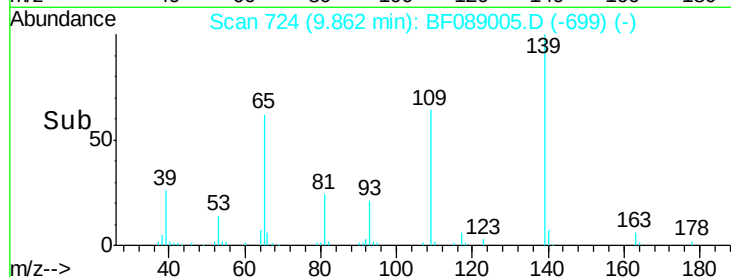
7/15/2016 9:16:36 AM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 31.10 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Tgt Ion:165 Resp: 48939

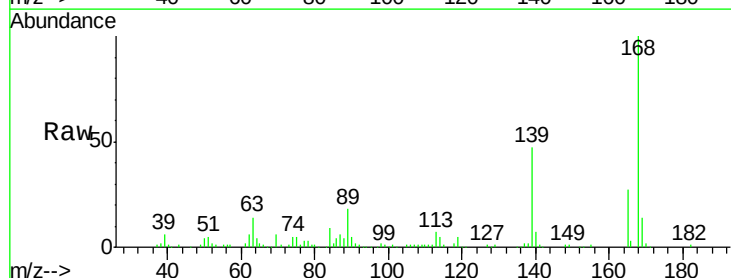
Ion Ratio Lower Upper

165 100

63 52.6 22.0 33.0#

89 63.9 41.1 61.7#

182 2.8 2.0 3.0

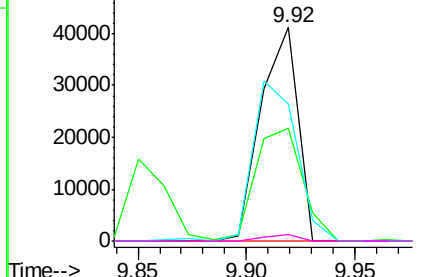
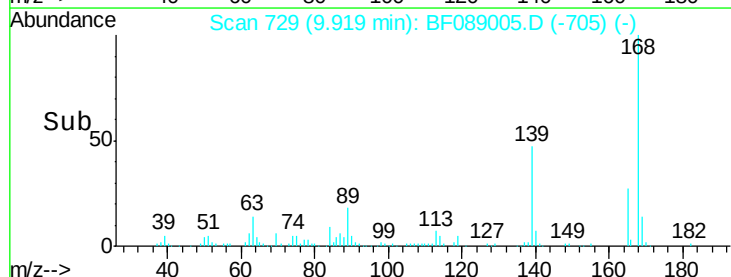


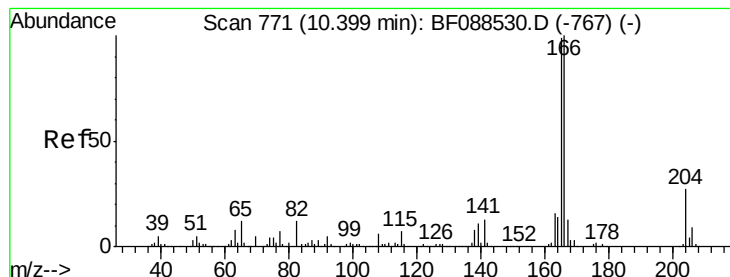
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.05 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.03 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MS

Tot Ion:166 Resp: 175722

Ion Ratio Lower Upper

166 100

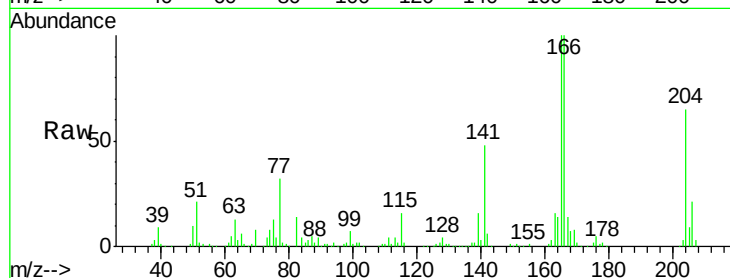
165 99.8 77.8 116.8

167 13.9 11.2 16.8

Manual Integrations

Sohil

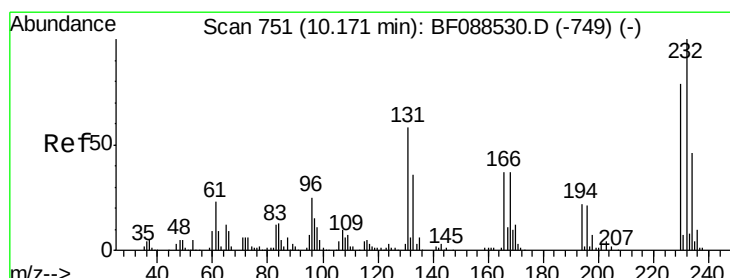
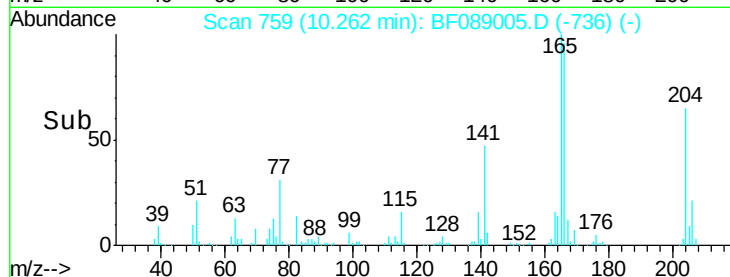
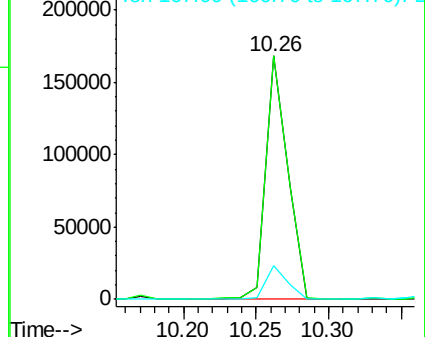
7/15/2016 9:16:36 AM



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: 33.99 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Tgt Ion:232 Resp: 37816

Ion Ratio Lower Upper

232 100

131 61.7 0.9 1.3#

130 2.5 1.5 2.3#

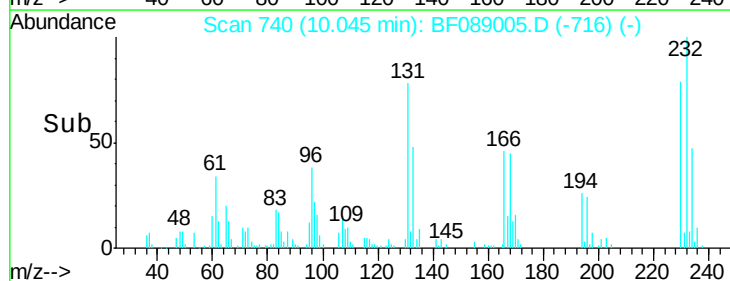
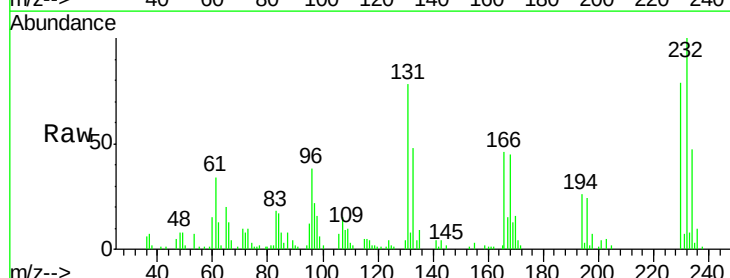
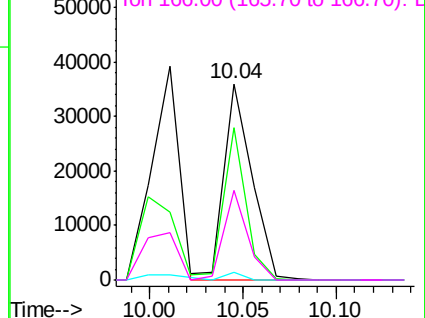
166 38.8 0.5 0.7#

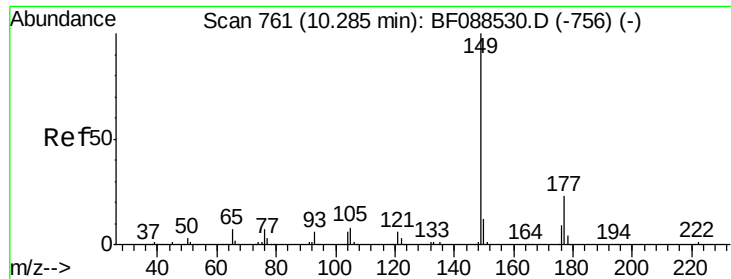
Abundance Ion 232.00 (231.70 to 232.70): E

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





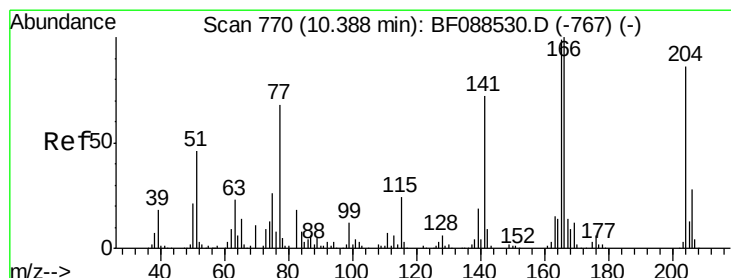
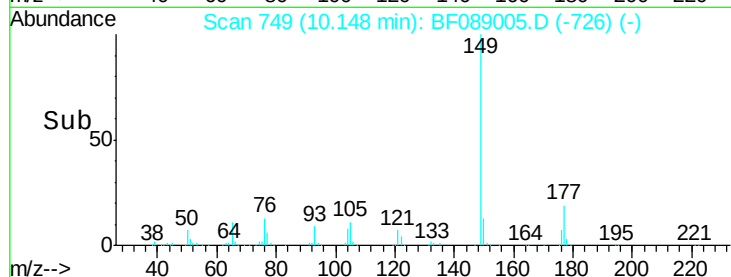
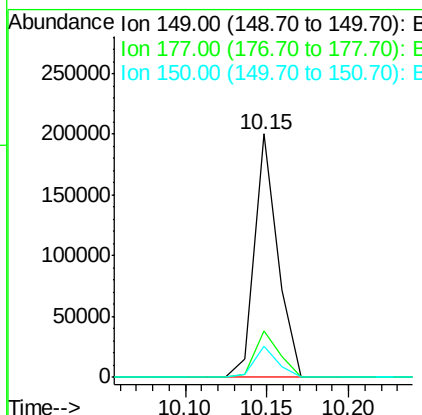
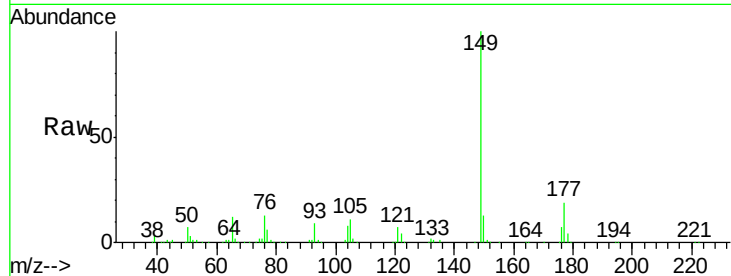
#59
Diethylphthalate
Concen: 36.32 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	18.9	16.9	25.3
150	12.6	10.1	15.1

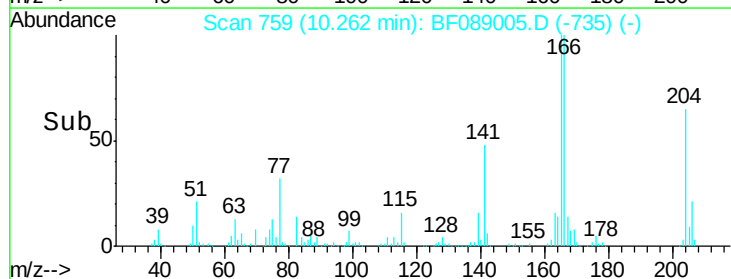
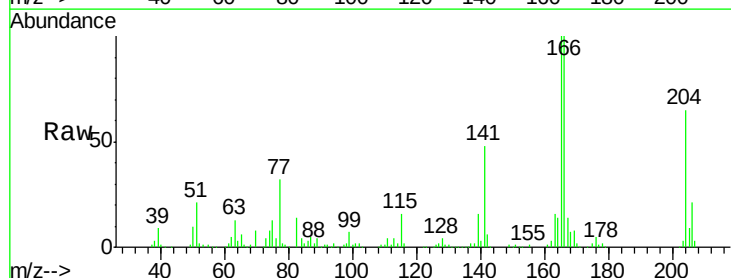
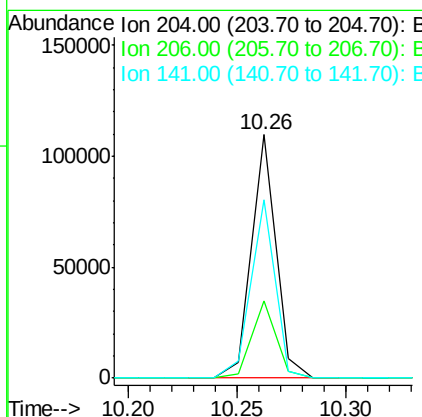
Manual Integrations

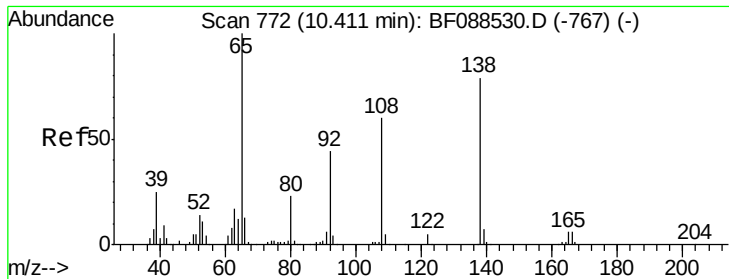
APPROVED
Sohil
7/15/2016 9:16:36 AM



#60
4-Chlorophenyl-phenylether
Concen: 37.93 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.3	39.5
141	73.3	55.0	82.6





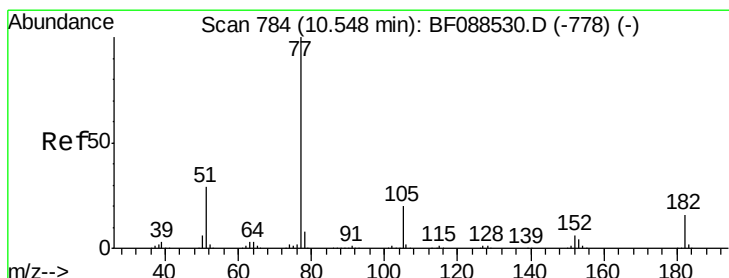
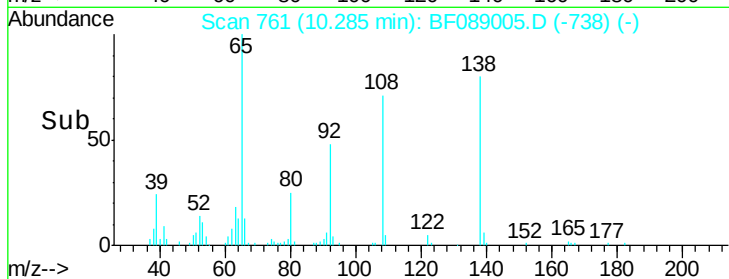
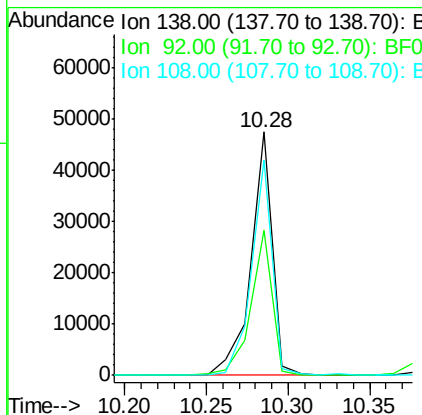
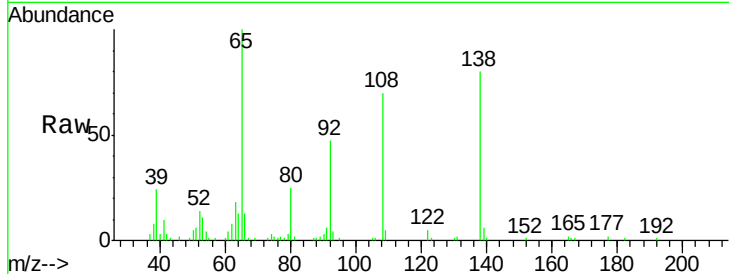
#61
4-Nitroaniline
Concen: 29.33 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.03 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.4	27.3	67.3
108	88.4	46.7	86.7

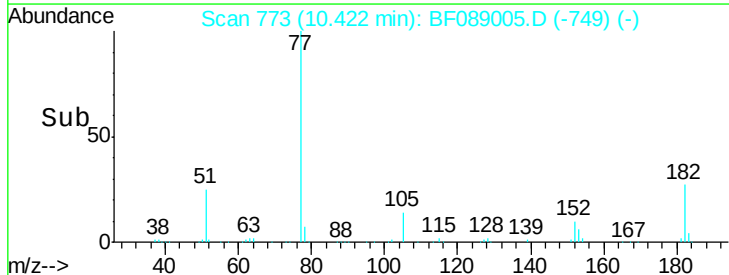
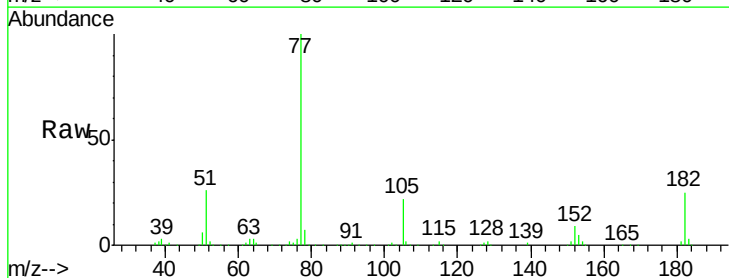
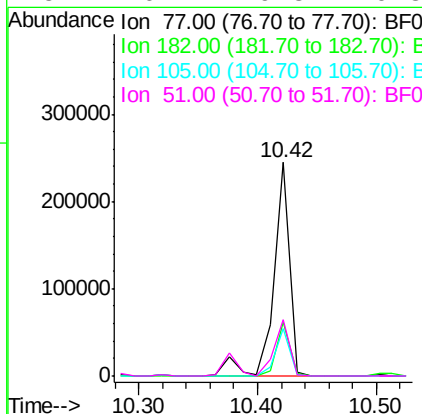
Manual Integrations

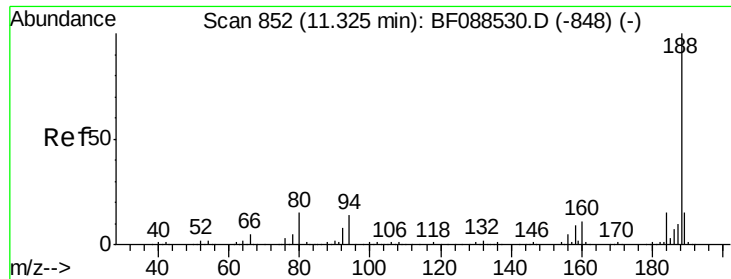
APPROVED
Sohil
7/15/2016 9:16:36 AM



#62
Azobenzene
Concen: 36.93 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	4.4	44.4
105	22.1	3.8	43.8
51	26.2	9.3	49.3





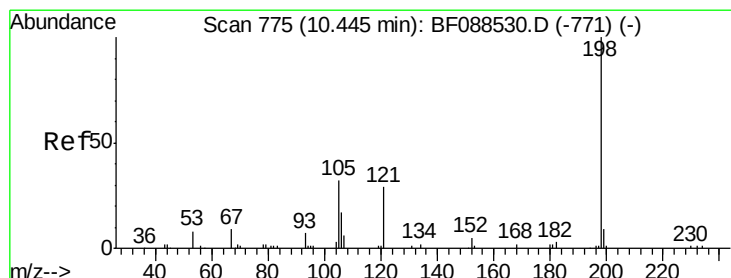
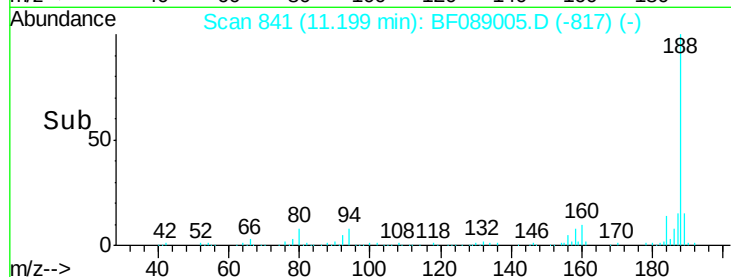
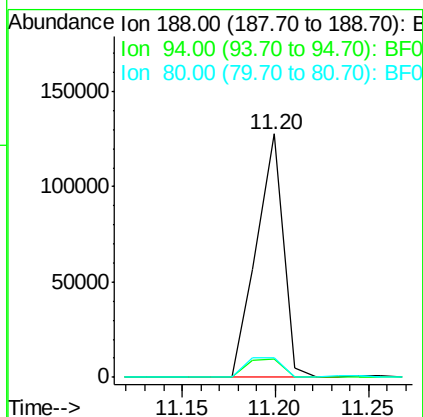
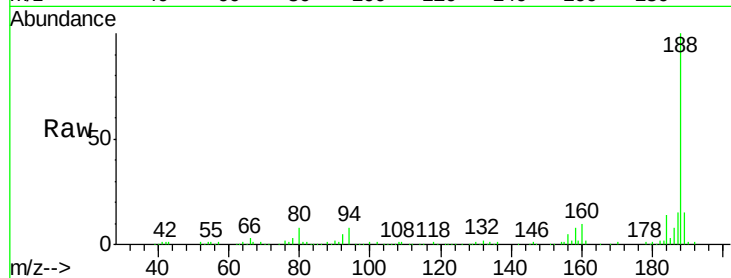
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.0	13.6#
80	8.1	10.0	15.0#

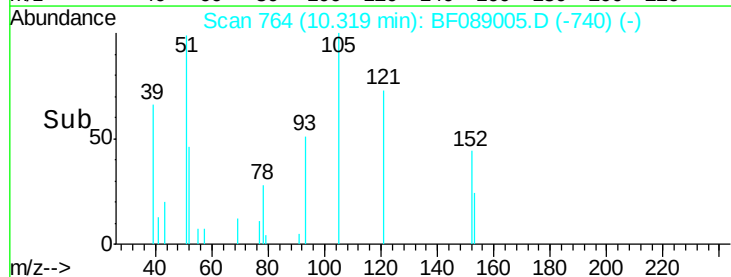
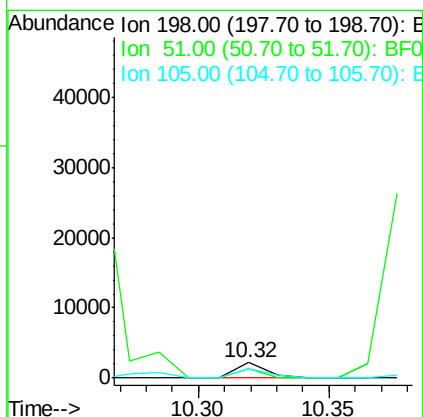
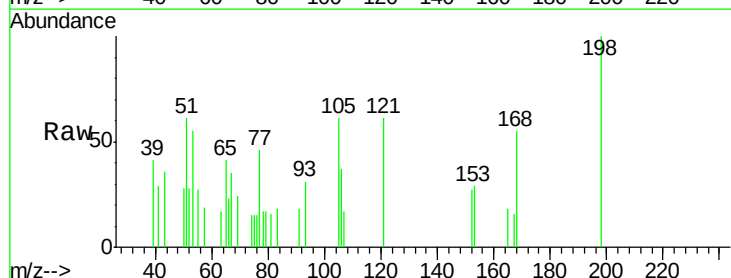
Manual Integrations

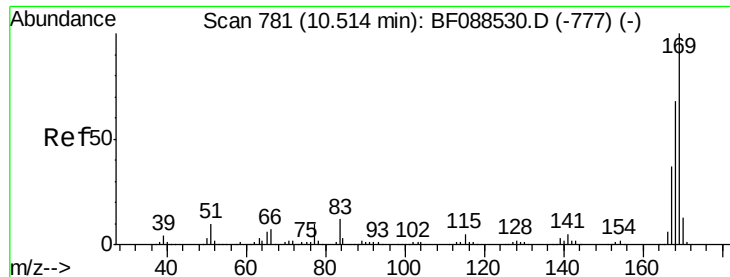
APPROVED
Sohil
7/15/2016 9:16:36 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 2.57 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
198	100		
51	61.1	39.6	79.6
105	61.5	36.6	76.6





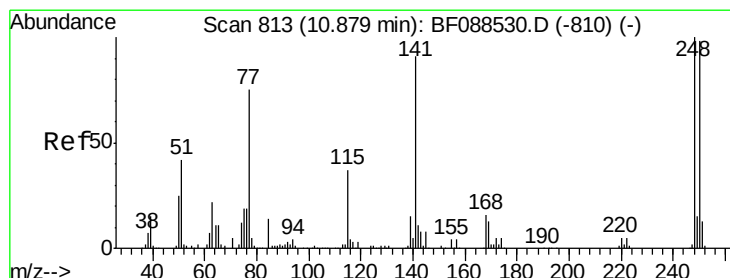
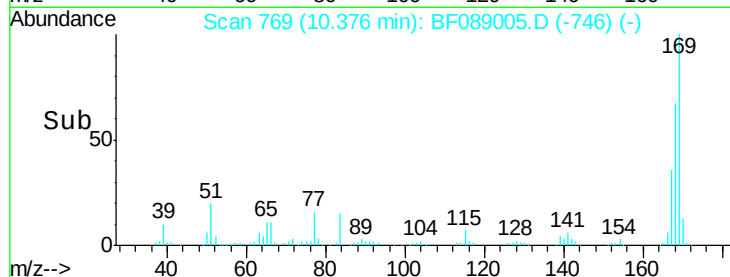
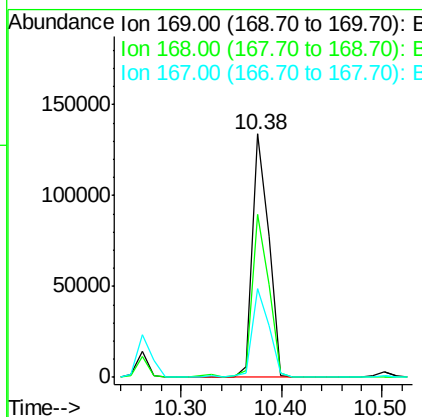
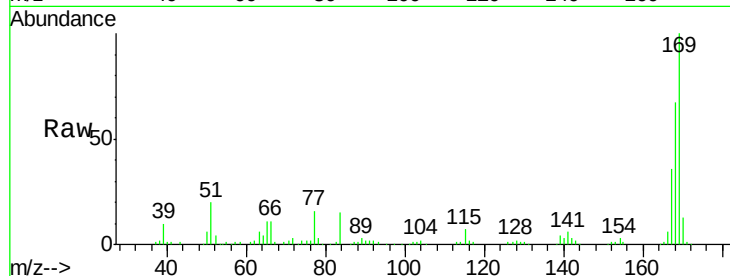
#65
n-Nitrosodiphenylamine
Concen: 34.19 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.4	80.0
167	36.3	29.4	44.0

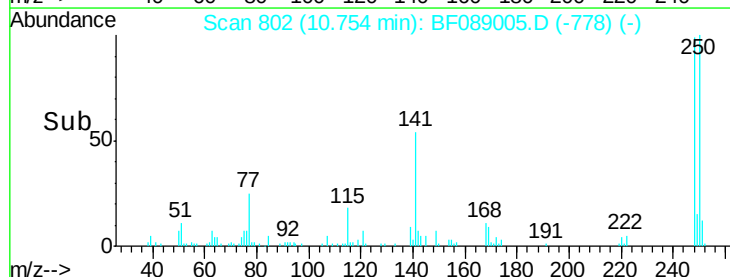
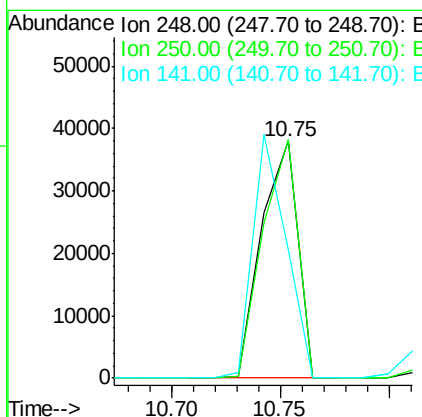
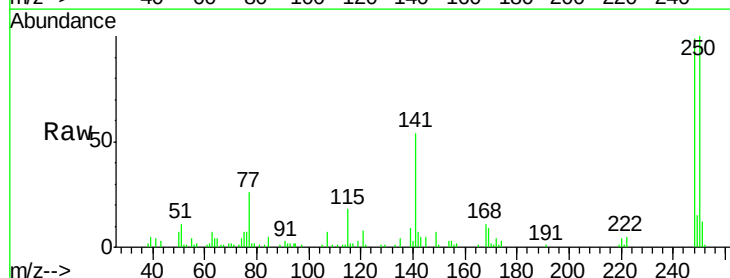
Manual Integrations

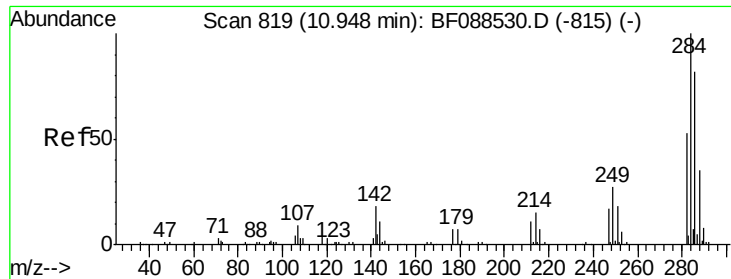
APPROVED
Sohil
7/15/2016 9:16:36 AM



#66
4-Bromophenyl-phenylether
Concen: 33.81 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.0	77.1	115.7
141	54.2	50.6	76.0





#67

Hexachlorobenzene

Concen: 28.54 ng

RT: 10.81 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MS

Tot Ion:284 Resp: 41503

Ion Ratio Lower Upper

284 100

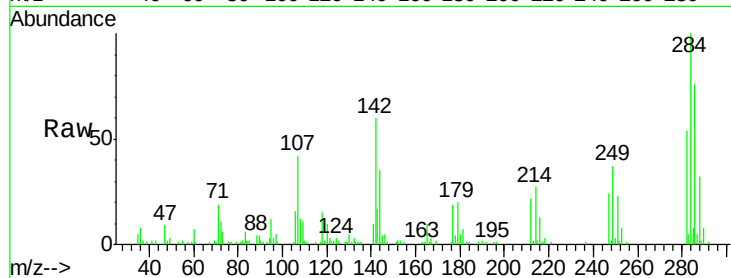
142 60.0 35.8 53.8#

249 37.0 25.8 38.6

Manual Integrations

Sohil

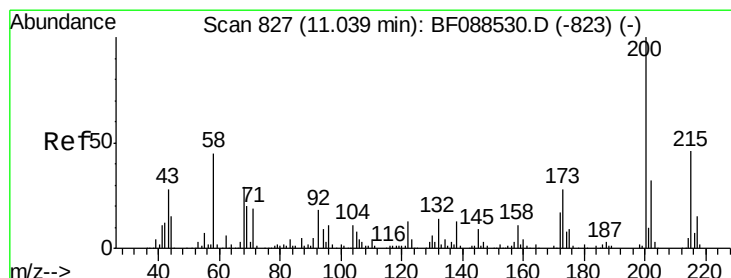
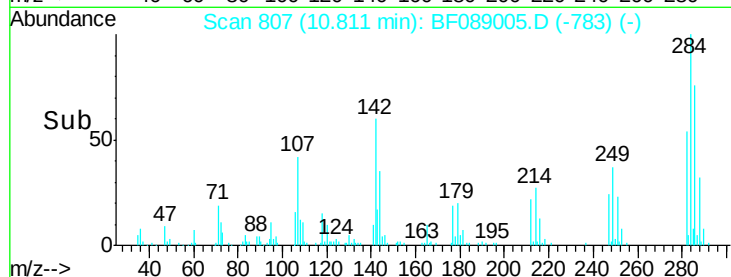
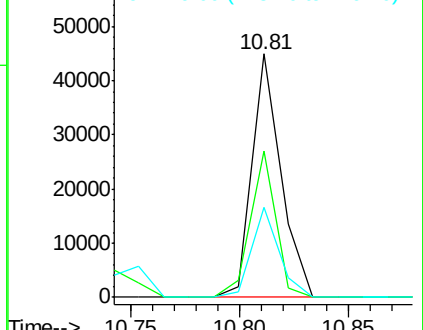
7/15/2016 9:16:36 AM



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: 35.44 ng

RT: 10.91 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

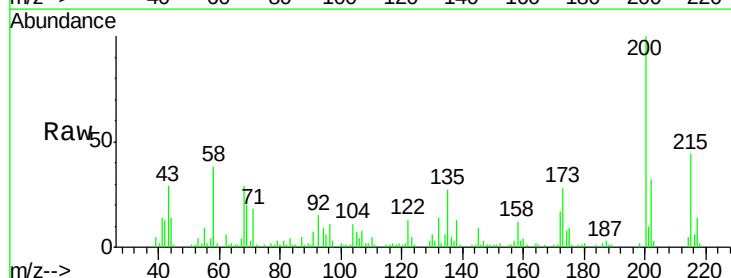
Tgt Ion:200 Resp: 48714

Ion Ratio Lower Upper

200 100

173 27.8 4.0 44.0

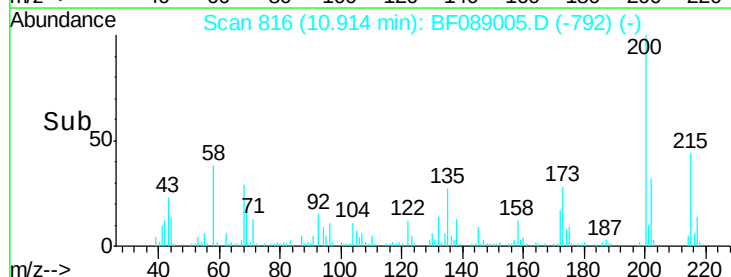
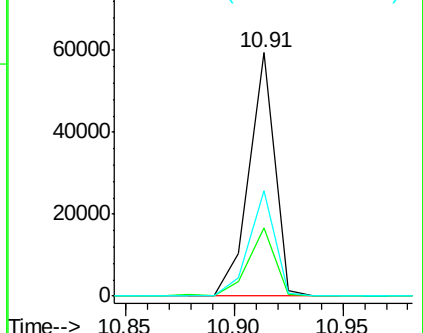
215 43.5 29.3 69.3

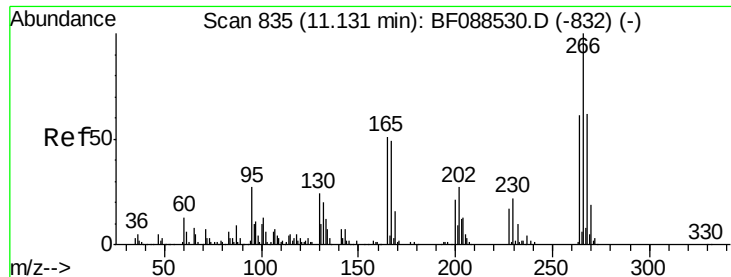


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





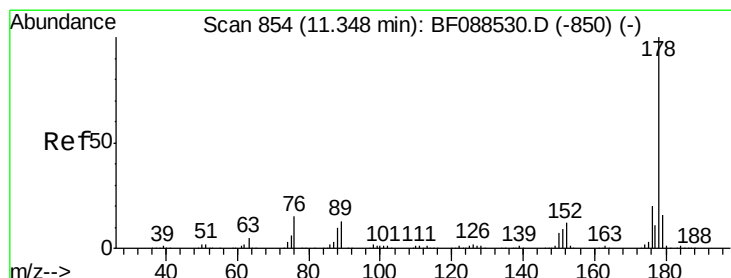
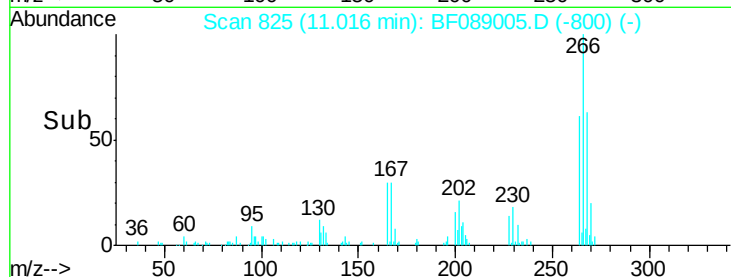
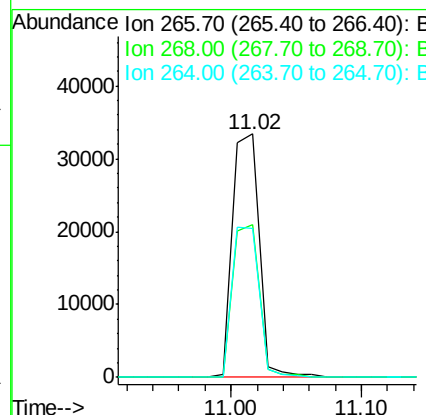
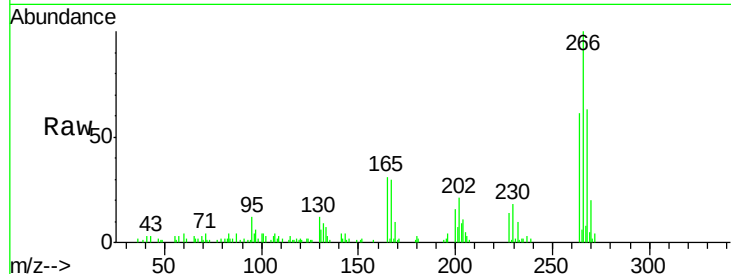
#69
 Pentachlorophenol
 Concen: 55.07 ng
 RT: 11.02 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	52.8	79.2
264	61.1	49.6	74.4

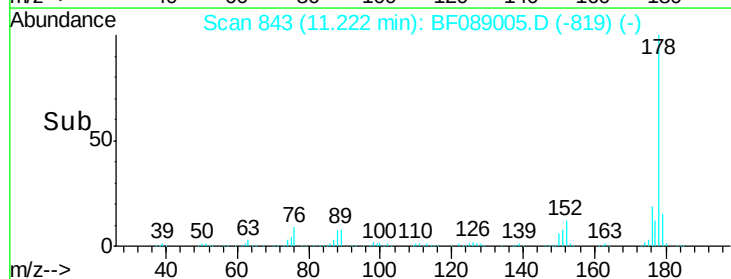
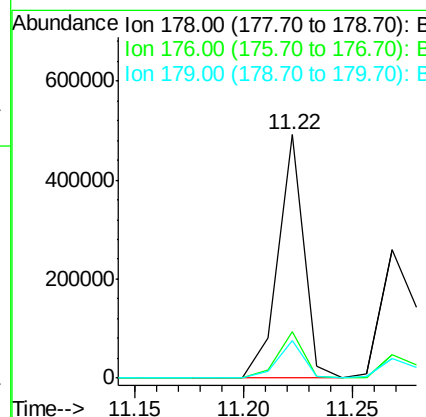
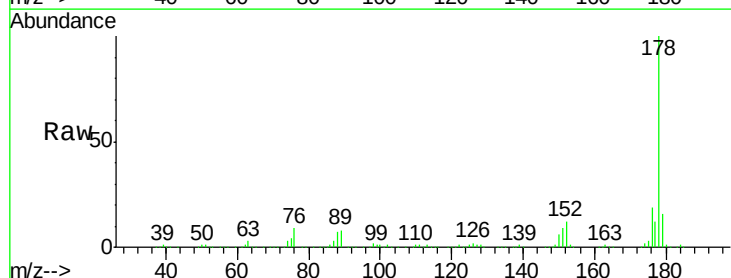
Manual Integrations

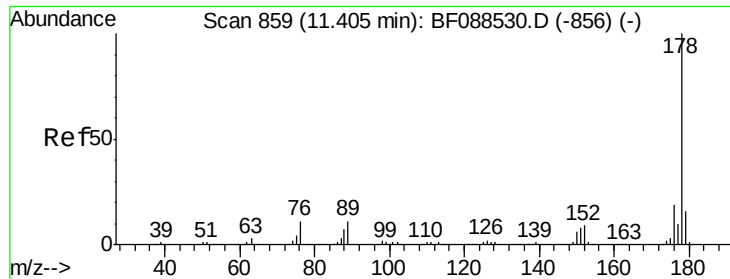
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 Sohil
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#70
 Phenanthrene
 Concen: 57.46 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.5	13.0	19.4





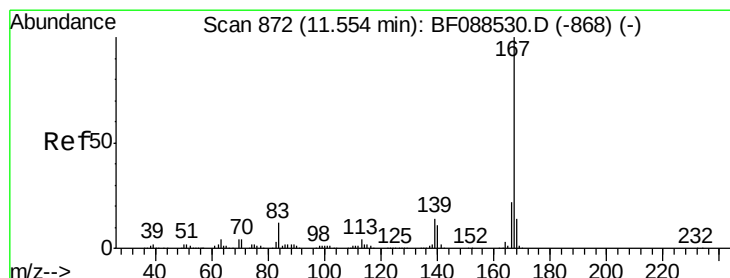
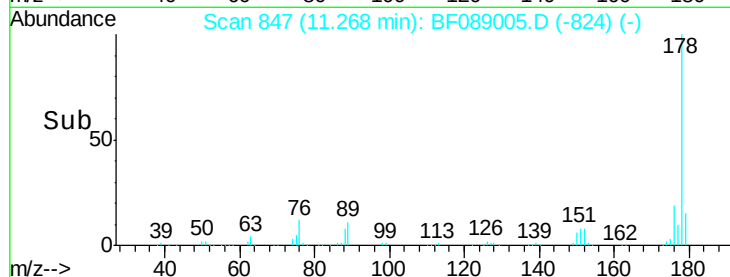
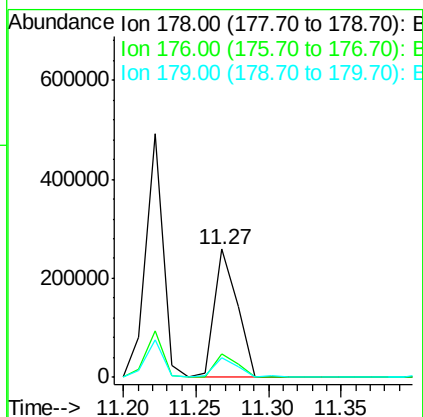
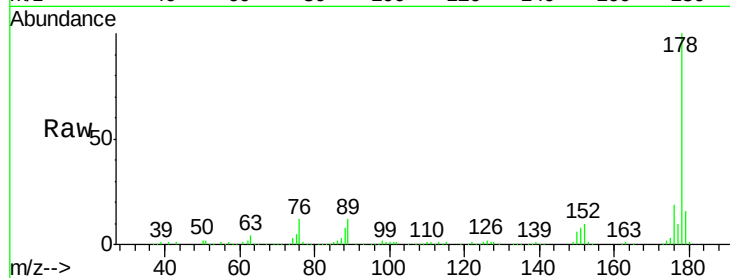
#71
 Anthracene
 Concen: 40.07 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.03 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	15.5	12.8	19.2

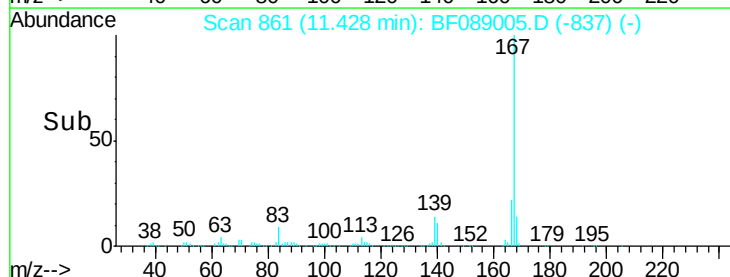
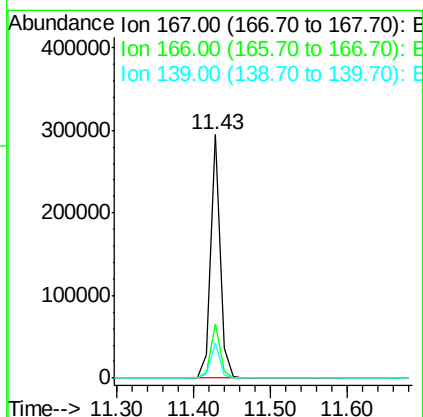
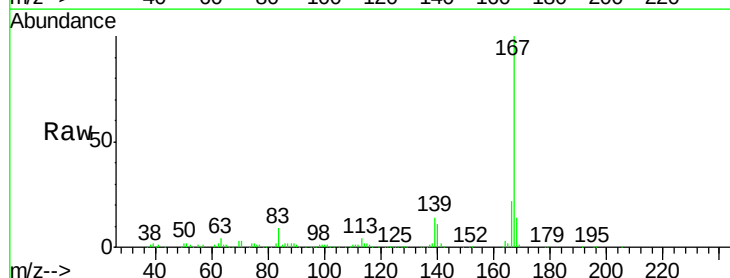
Manual Integrations

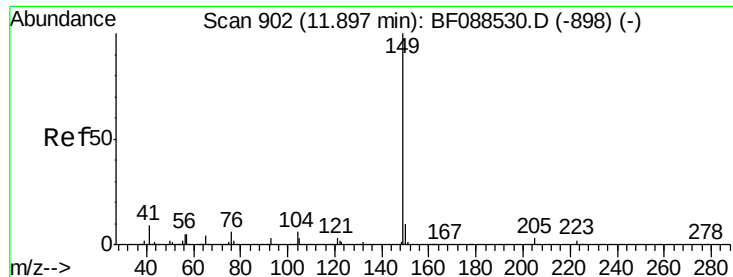
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#72
 Carbazole
 Concen: 37.75 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	14.4	11.2	16.8





#73

Di-n-butylphthalate

Concen: 42.03 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

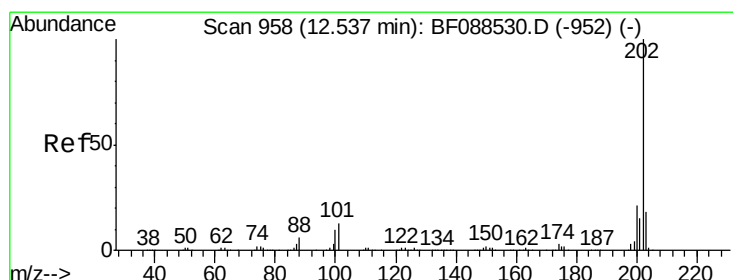
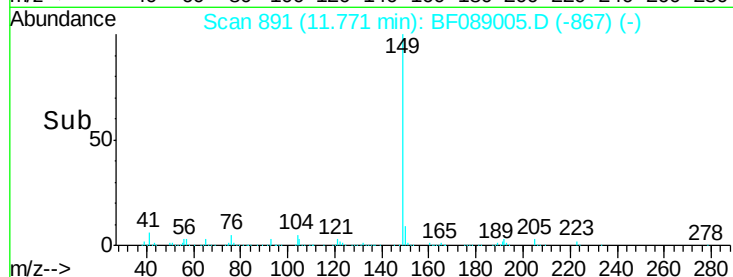
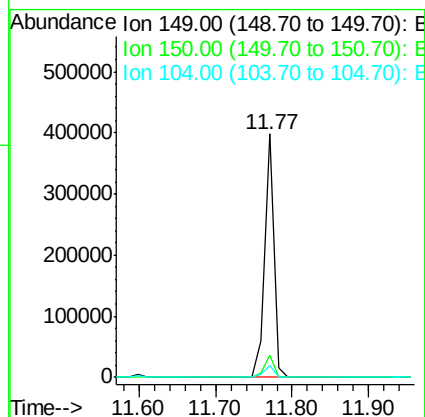
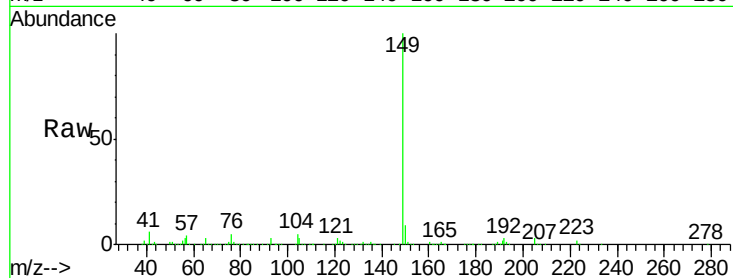
LSS-SS-SS04(0-2in)MS

Tot Ion:	149	Resp:	326007
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	5.1	4.0	6.0

Manual Integrations

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#74

Fluoranthene

Concen: 89.72 ng

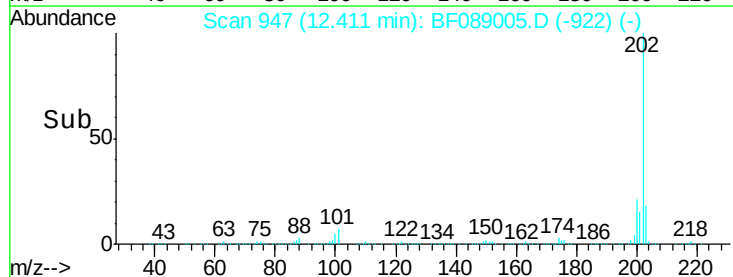
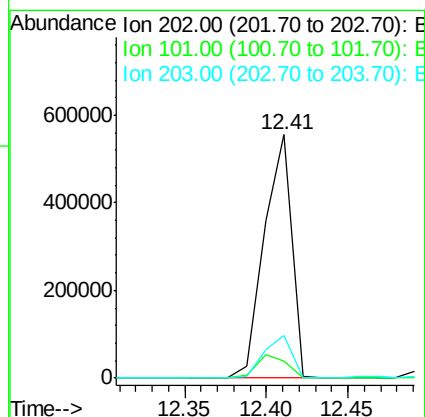
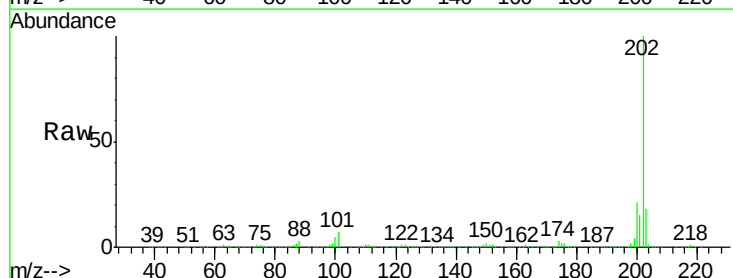
RT: 12.41 min Scan# 947

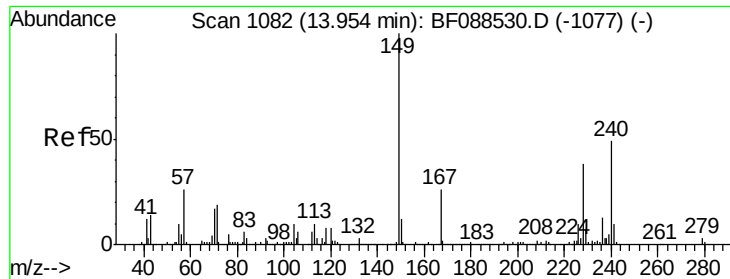
Delta R.T. -0.01 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Tgt Ion:	202	Resp:	648101
Ion Ratio	Lower	Upper	
202	100		
101	7.2	0.0	33.1
203	17.5	0.0	38.1





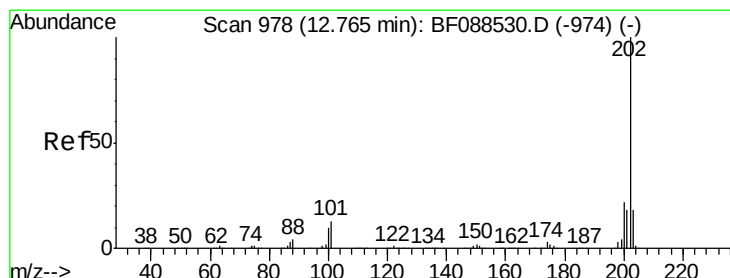
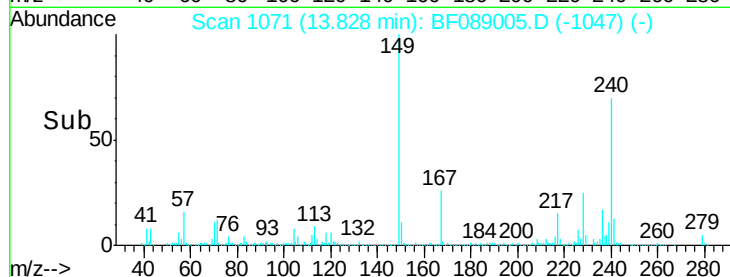
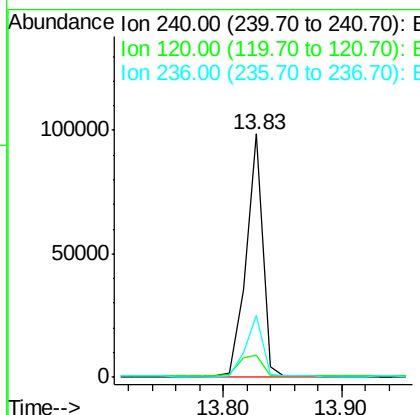
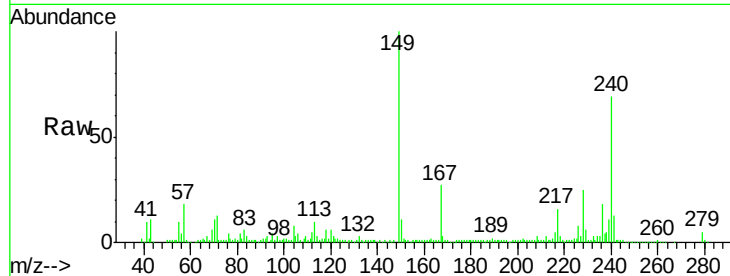
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.8	10.2
236	25.4	20.2	30.2

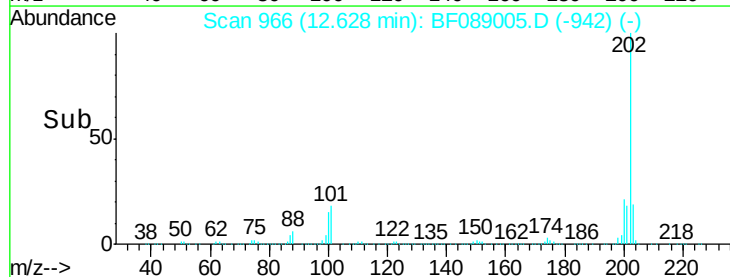
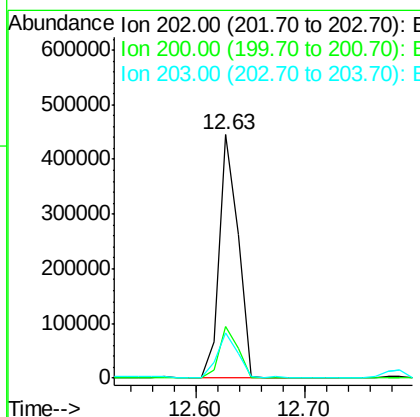
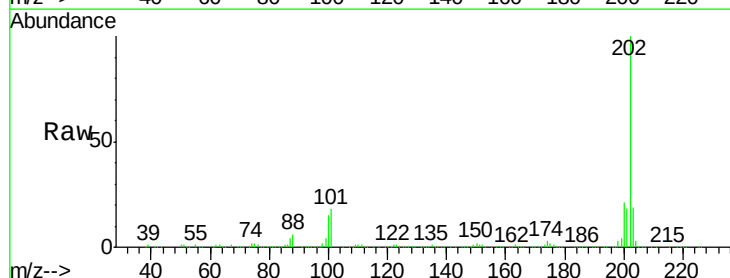
Manual Integrations

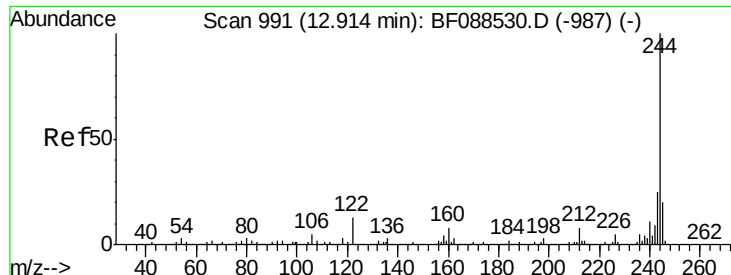
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#77
Pyrene
Concen: 64.14 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.7	14.5	21.7





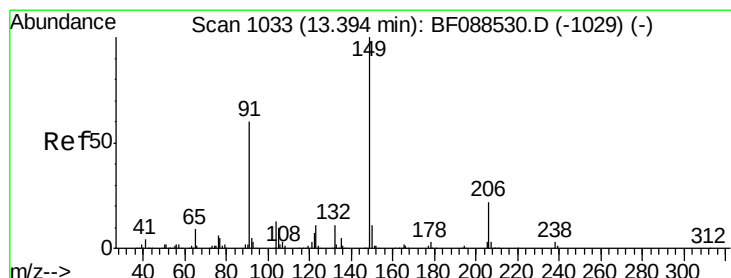
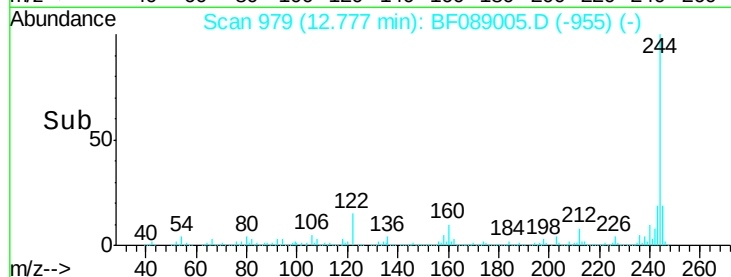
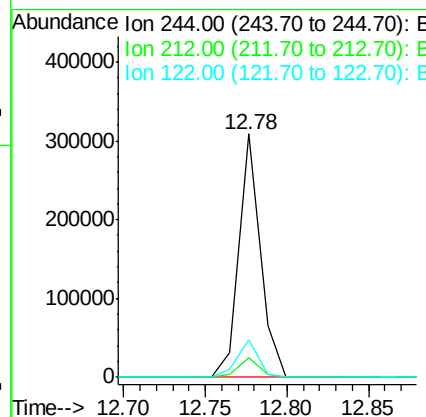
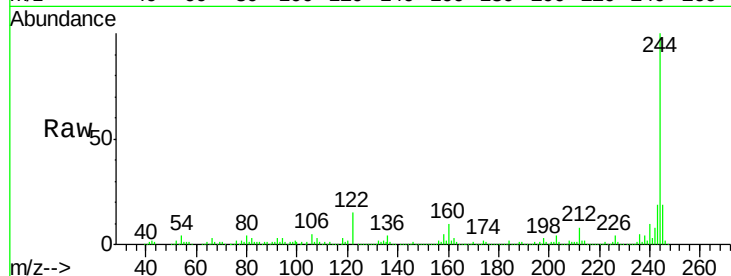
#78
 Terphenyl-d14
 Concen: 63.09 ng
 RT: 12.78 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	15.2	11.2	16.8

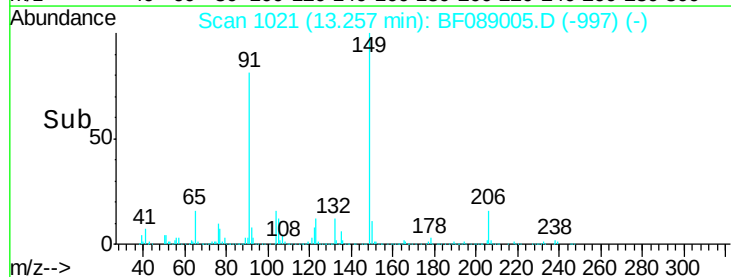
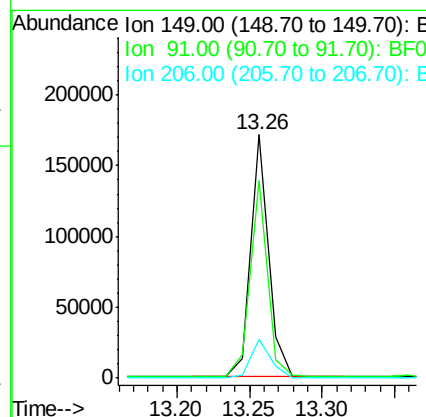
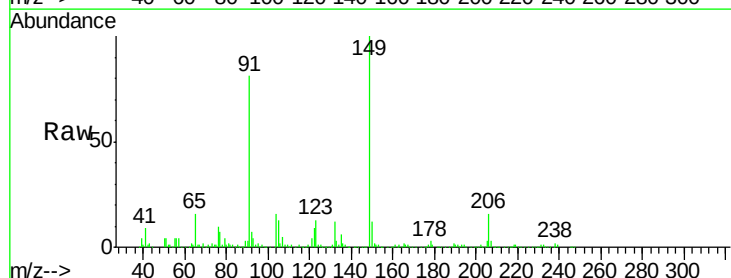
Manual Integrations

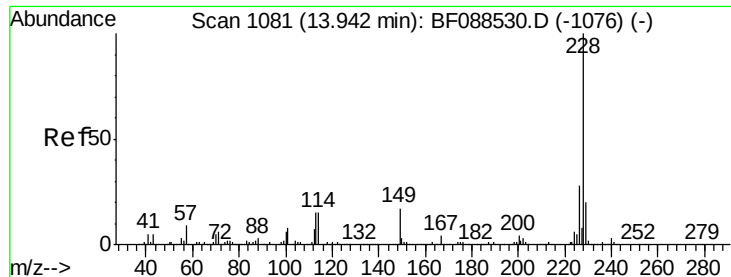
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 Sohil
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#79
 Butylbenzylphthalate
 Concen: 39.39 ng
 RT: 13.26 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	81.3	48.0	72.0#
206	16.0	16.0	24.0#





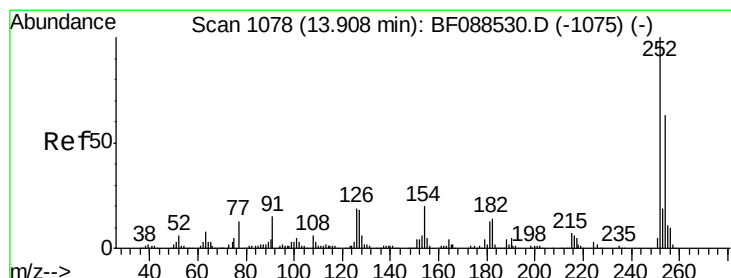
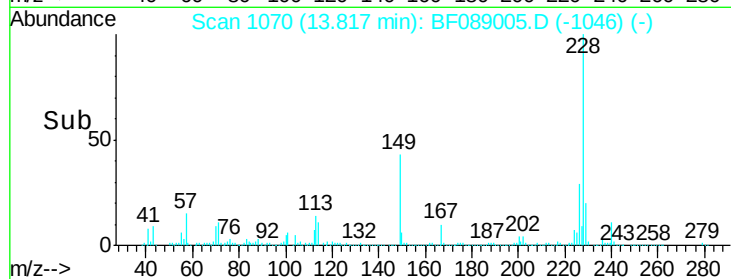
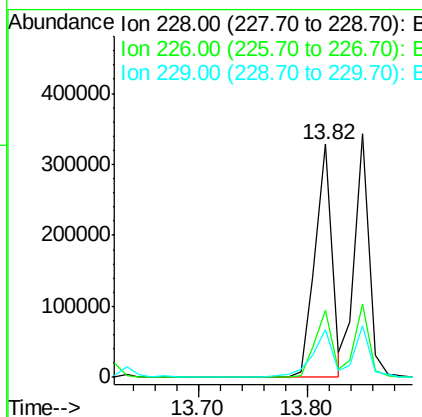
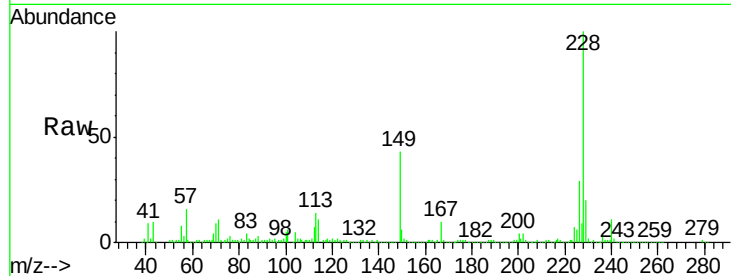
#80
Benzo(a)anthracene
Concen: 55.69 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.3	33.5
229	20.5	16.0	24.0

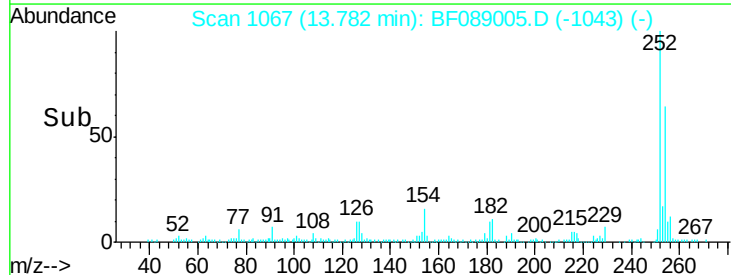
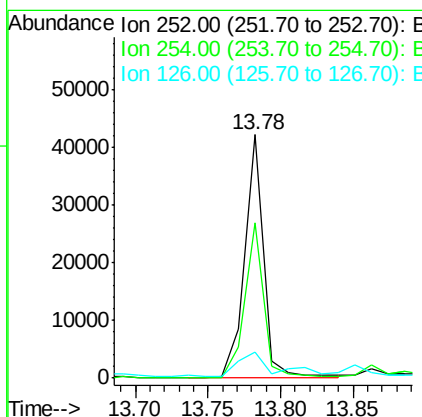
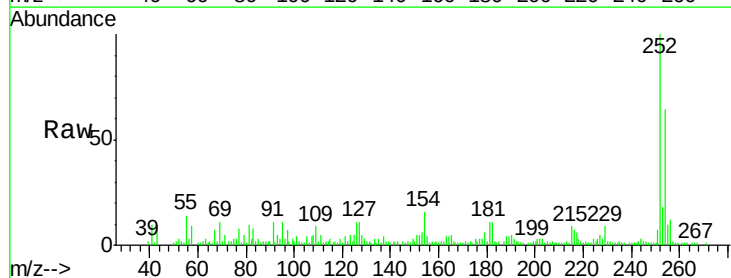
Manual Integrations

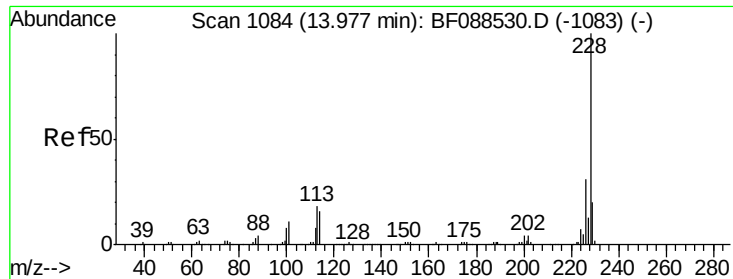
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7/15/2016 9:16:36 AM



#81
3,3'-Dichlorobenzidine
Concen: 16.30 ng
RT: 13.78 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.6	78.8
126	10.7	6.2	9.2





#82

Chrysene

Concen: 49.96 ng/mL

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

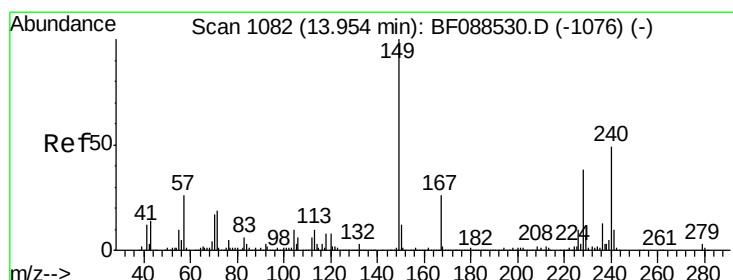
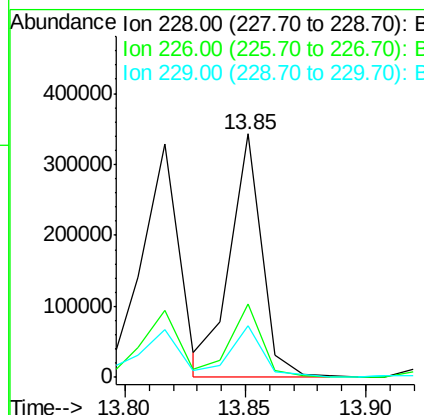
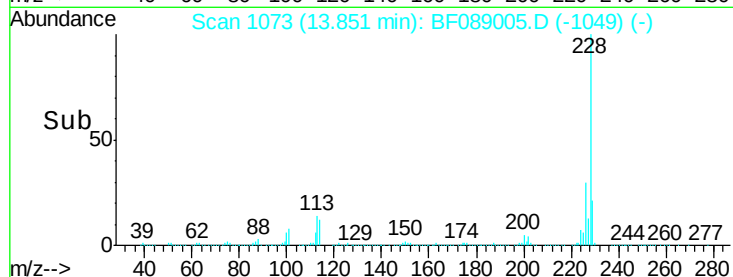
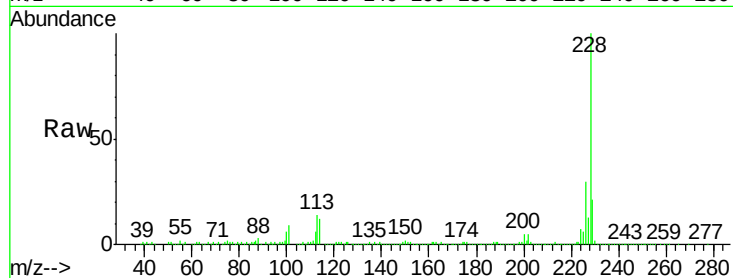
LSS-SS-SS04(0-2in)MS

Tot Ion:	228	Resp:	313340
Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.2
229	21.1	16.3	24.5

Manual Integrations

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#83

Bis(2-ethylhexyl)phthalate

Concen: 46.96 ng/mL

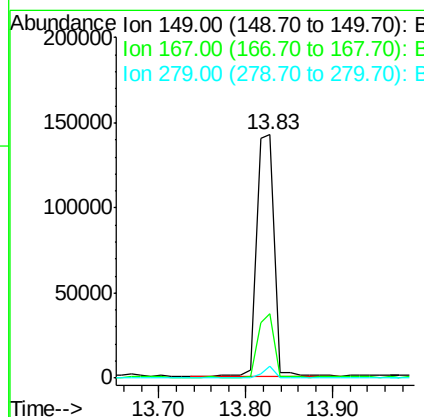
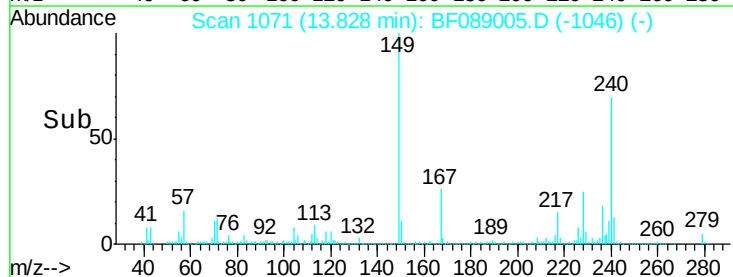
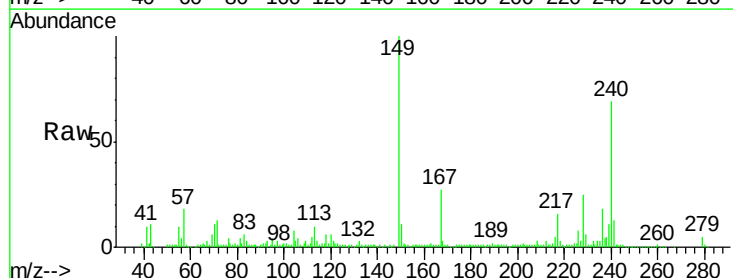
RT: 13.83 min Scan# 1071

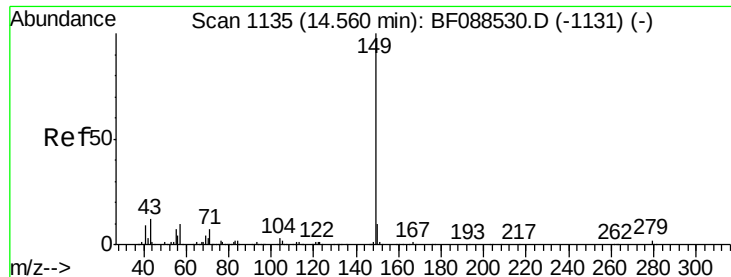
Delta R.T. -0.01 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Tgt Ion:	149	Resp:	199650
Ion	Ratio	Lower	Upper
149	100		
167	26.6	20.5	30.7
279	4.6	2.0	3.0#





#84

Di-n-octyl phthalate

Concen: 42.08 ng

RT: 14.43 min Scan# 1124

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

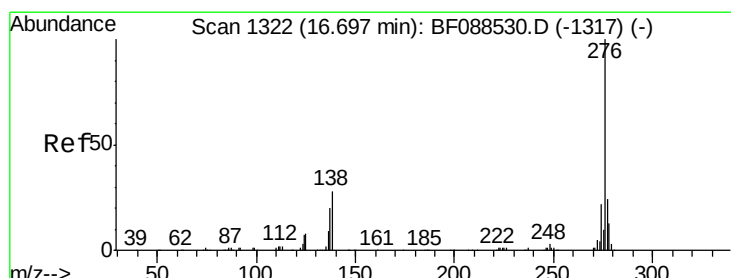
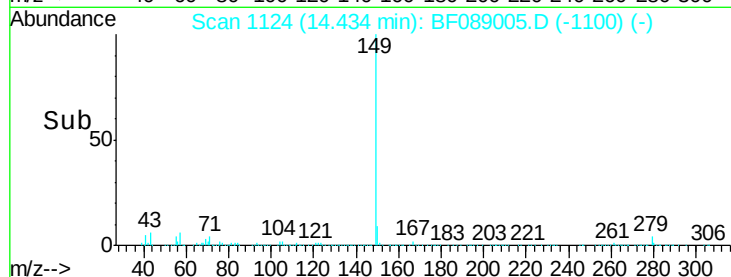
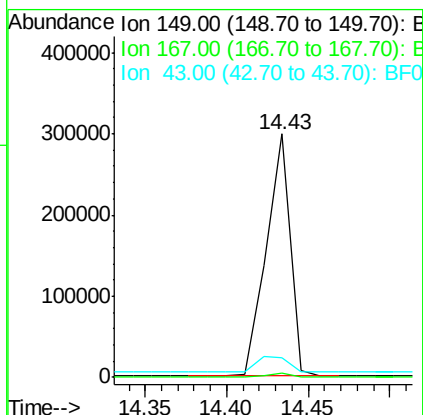
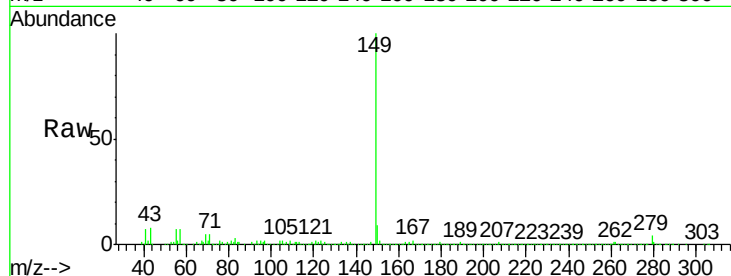
LSS-SS-SS04(0-2in)MS

Tot Ion:	149	Resp:	303888
Ion Ratio	Lower	Upper	
149	100		
167	1.7	0.0	0.0#
43	9.7	0.0	0.0#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 40.91 ng

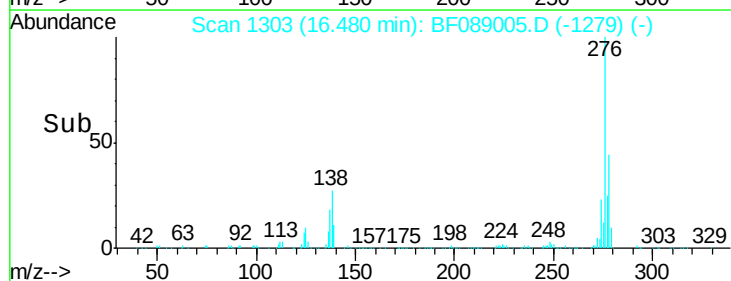
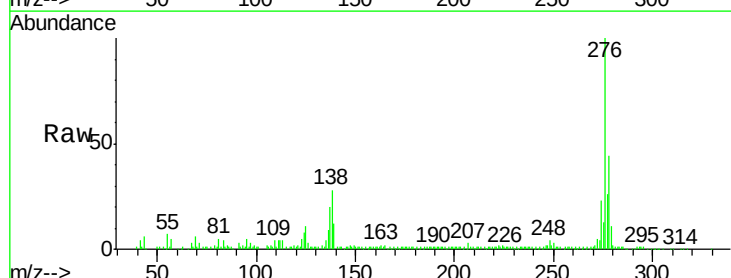
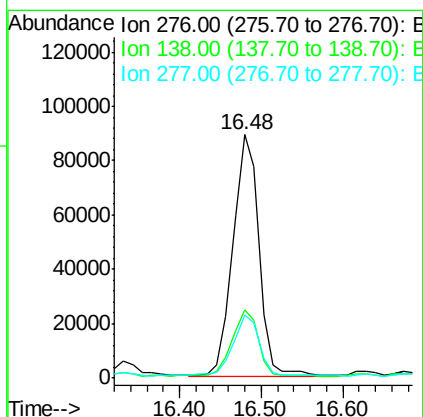
RT: 16.48 min Scan# 1303

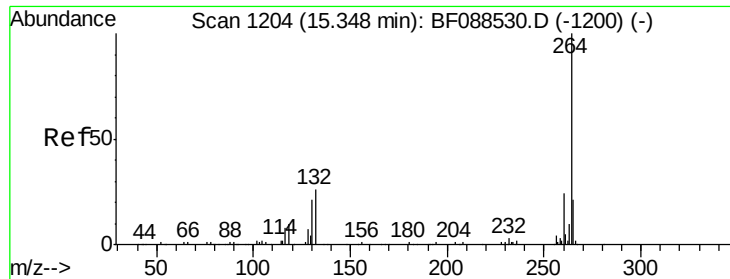
Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Tgt Ion:	276	Resp:	197419
Ion Ratio	Lower	Upper	
276	100		
138	28.5	0.0	0.0#
277	25.6	0.0	0.0#





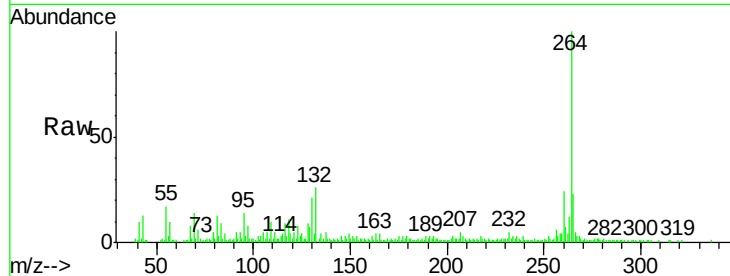
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

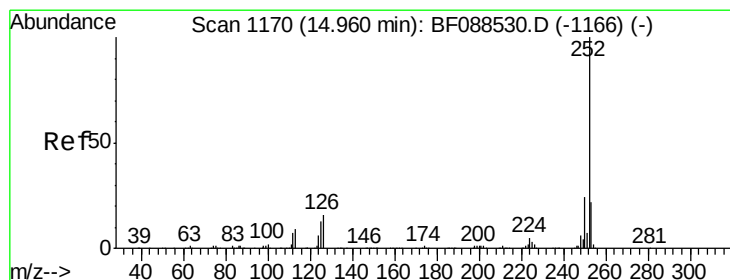
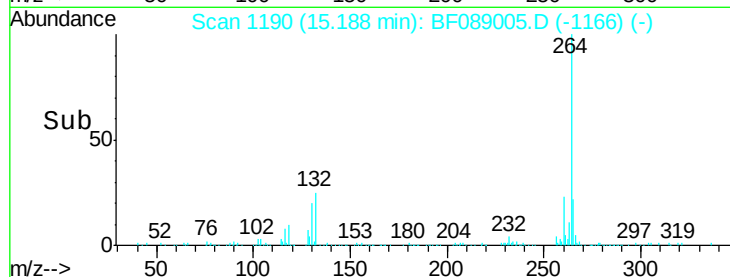
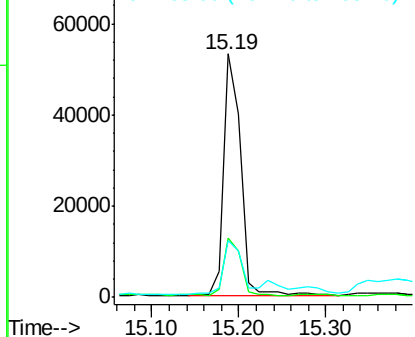
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	23.4	16.9	25.3

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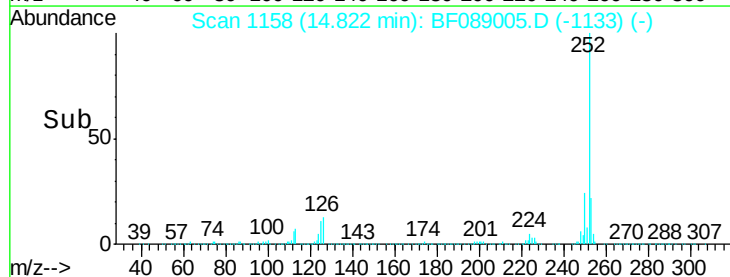
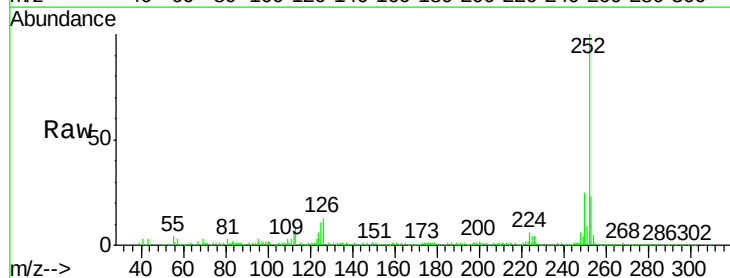
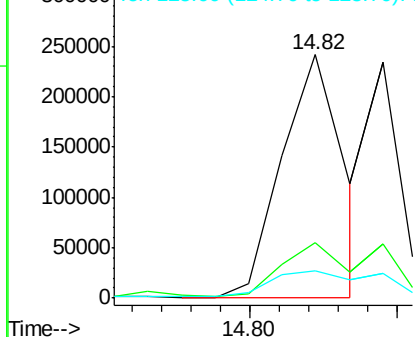
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

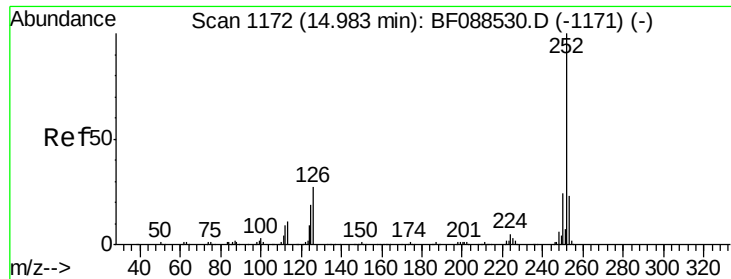


#87
Benzo(b)fluoranthene
Concen: 77.71 ng m
RT: 14.82 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	11.4	7.1	10.7

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





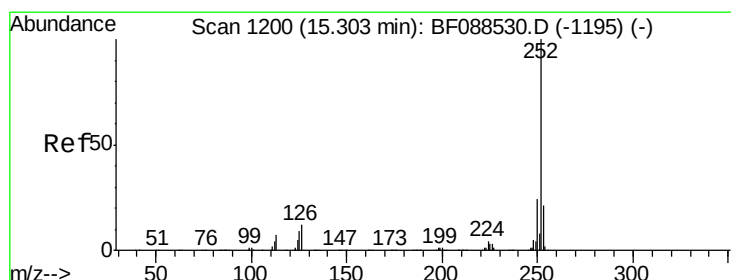
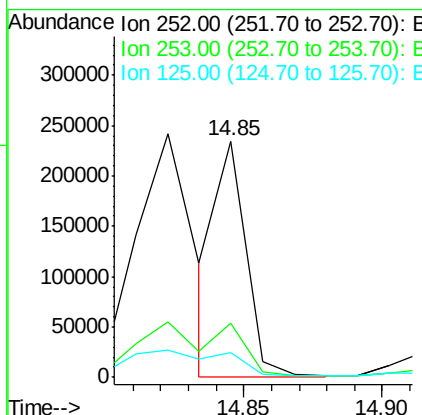
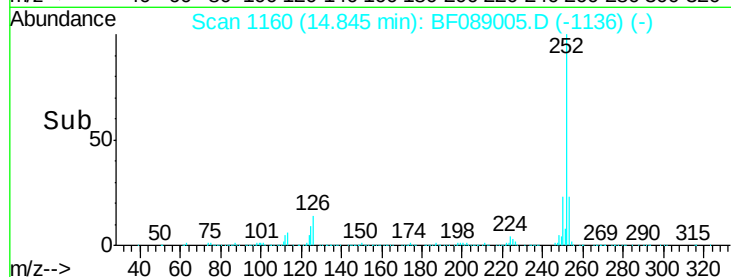
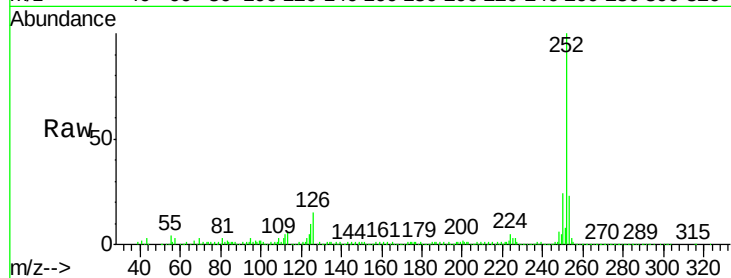
#88
Benzo(k)fluoranthene
Concen: 44.71 ng m
RT: 14.85 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	10.3	11.2	16.8

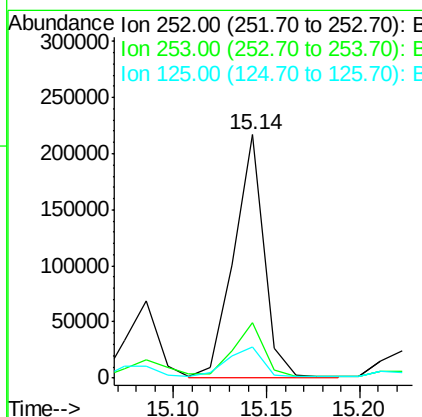
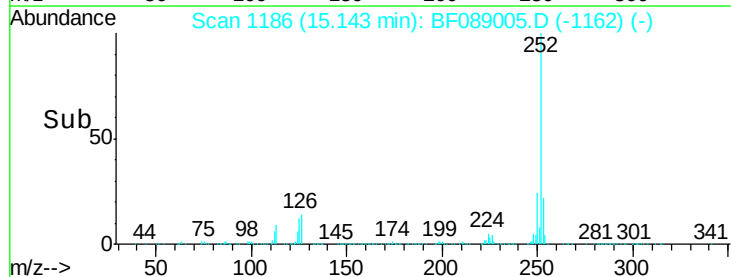
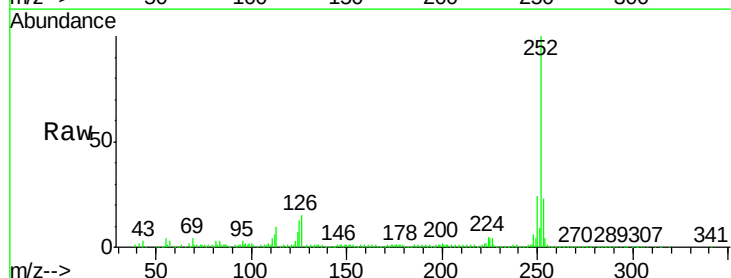
Manual Integrations

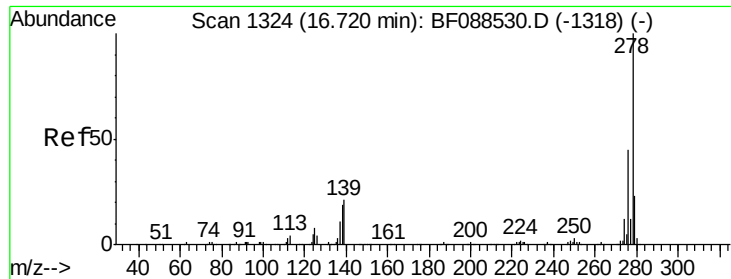
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#89
Benzo(a)pyrene
Concen: 63.68 ng
RT: 15.14 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	12.6	12.5	18.7





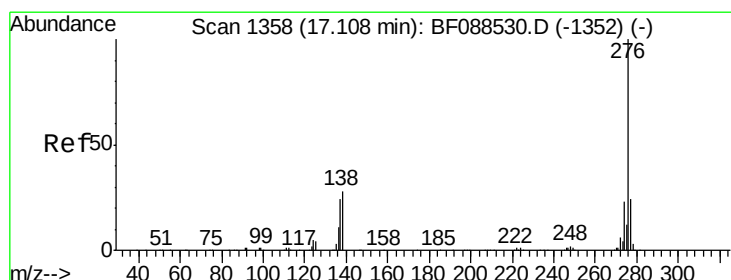
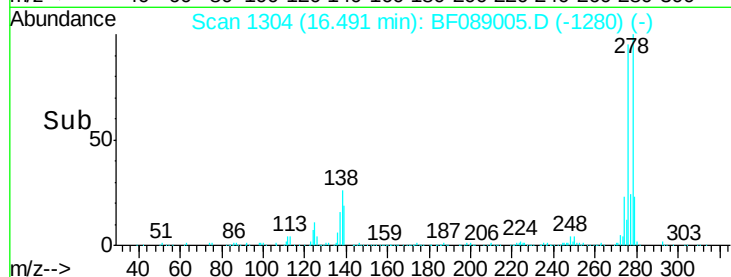
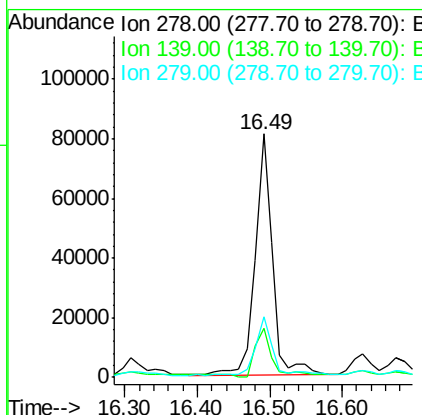
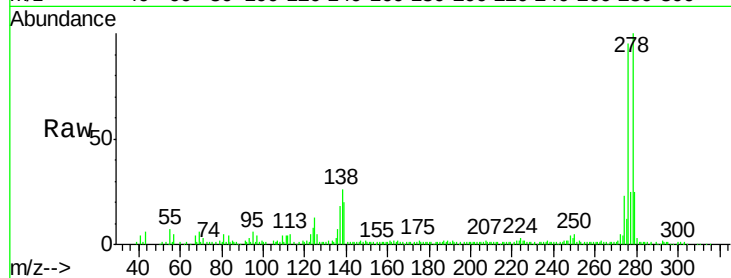
#90
Dibenzo(a,h)anthracene
Concen: 42.76 ng
RT: 16.49 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.7	23.5
279	25.0	19.4	29.2

Manual Integrations

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#91
Benzo(g,h,i)perylene
Concen: 51.13 ng
RT: 16.87 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	23.9	21.4	32.2

