

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
 Data File : BF089055.D
 Acq On : 16 Jul 2016 15:09
 Operator : UM/SJ
 Sample : H3951-22MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2ft)MSD

Quant Time: Jul 18 01:54:05 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	6.66	152	55711	20.00	ng	-0.05
21) Naphthalene-d8	7.95	136	232345	20.00	ng	-0.05
38) Acenaphthene-d10	9.70	164	92441	20.00	ng	-0.05
63) Phenanthrene-d10	11.19	188	147573	20.00	ng	-0.03
75) Chrysene-d12	13.82	240	106034	20.00	ng	-0.03
86) Perylene-d12	15.19	264	86545	20.00	ng	-0.02

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System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	448531	120.66	ng	-0.02
7) Phenol-d6	6.33	99	575514	119.82	ng	-0.02
23) Nitrobenzene-d5	7.23	82	390708	88.12	ng	-0.05
41) 2,4,6-Tribromophenol	10.50	330	92478	107.73	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	711136	121.51	ng	-0.03
78) Terphenyl-d14	12.76	244	376496	79.09	ng	-0.03

7/18/2016 7:38:02 PM

Target Compounds

						Qvalue
3) Pyridine	2.82	79	155819	29.14	ng	96
4) n-Nitrosodimethylamine	2.79	42	82046	40.16	ng	97
6) Aniline	6.33	93	57366	8.20	ng	# 1
8) 2-Chlorophenol	6.46	128	183417	45.91	ng	98
9) Benzaldehyde	6.20	77	86987	26.74	ng	89
10) Phenol	6.34	94	200964	36.66	ng	78
11) bis(2-Chloroethyl)ether	6.41	93	253504	62.01	ng	87
12) 1,3-Dichlorobenzene	6.60	146	187907	42.74	ng	98
13) 1,4-Dichlorobenzene	6.68	146	203967	46.74	ng	97
14) 1,2-Dichlorobenzene	6.83	146	158066	38.70	ng	# 86
15) Benzyl Alcohol	6.82	79	166176	47.01	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.96	45	202602	34.22	ng	71
17) 2-Methylphenol	6.95	107	149245	45.79	ng	# 90
18) Hexachloroethane	7.18	117	63355	37.53	ng	# 88
19) n-Nitroso-di-n-propylamine	7.10	70	131900	40.88	ng	93
20) 3+4-Methylphenols	7.11	107	200203	51.18	ng	# 74
22) Acetophenone	7.08	105	261751	46.42	ng	# 94
24) Nitrobenzene	7.26	77	203811	45.59	ng	# 83
25) Isophorone	7.50	82	338719	41.24	ng	95
26) 2-Nitrophenol	7.58	139	58888	32.12	ng	# 81
27) 2,4-Dimethylphenol	7.62	122	138653	36.32	ng	# 85
28) bis(2-Chloroethoxy)methane	7.71	93	220496	41.26	ng	# 95
29) 2,4-Dichlorophenol	7.83	162	138282	44.81	ng	90
30) 1,2,4-Trichlorobenzene	7.90	180	147229	43.48	ng	98
31) Naphthalene	7.98	128	564825	49.31	ng	99
32) Benzoic acid	7.70	122	5880	2.12	ng	89
33) 4-Chloroaniline	8.06	127	130578	25.62	ng	98
34) Hexachlorobutadiene	8.10	225	81544	44.97	ng	98
35) Caprolactam	8.41	113	38014m	36.27	ng	
36) 4-Chloro-3-methylphenol	8.52	107	144736	39.67	ng	90
37) 2-Methylnaphthalene	8.66	142	305951	41.48	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	146043	47.50	ng	# 1
40) Hexachlorocyclopentadiene	8.82	237	17786	11.79	ng	99
42) 2,4,6-Trichlorophenol	8.95	196	86680	42.76	ng	97

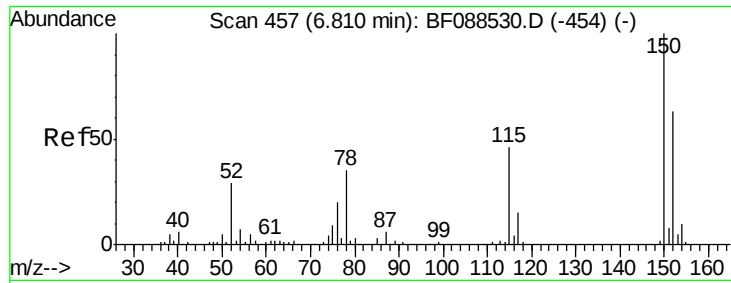
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	85686	49.13	nq	99
45) 1,1'-Biphenyl	9.13	154	350805	45.83	nq	99
46) 2-Chloronaphthalene	9.15	162	289330	48.15	nq	97
47) 2-Nitroaniline	9.26	65	100476	47.11	nq	99
48) Acenaphthylene	9.56	152	433108	45.30	nq	99
49) Dimethylphthalate	9.45	163	773262	117.41	nq	99
50) 2,6-Dinitrotoluene	9.51	165	68741	47.10	nq	97
51) Acenaphthene	9.74	154	257020	43.85	nq	98
52) 3-Nitroaniline	9.67	138	67600	36.43	nq	87
53) 2,4-Dinitrophenol	9.78	184	1408	2.18	nq	# 84
54) Dibenzofuran	9.91	168	369920	48.22	nq	# 85
55) 4-Nitrophenol	9.85	139	81674	57.92	nq	92
56) 2,4-Dinitrotoluene	9.91	165	83488	43.75	nq	# 61
57) Fluorene	10.25	166	290510	49.14	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	54725	40.55	nq	# 45
59) Diethylphthalate	10.15	149	355661	53.81	nq	97
60) 4-Chlorophenyl-phenylether	10.25	204	147996	53.88	nq	100
61) 4-Nitroaniline	10.28	138	82913	46.44	nq	92
62) Azobenzene	10.41	77	368452	48.87	nq	93
64) 4,6-Dinitro-2-methylphenol	10.32	198	2861	3.62	nq	# 69
65) n-Nitrosodiphenylamine	10.36	169	254998	51.06	nq	100
66) 4-Bromophenyl-phenylether	10.73	248	72041	48.44	nq	# 63
67) Hexachlorobenzene	10.80	284	68286	41.48	nq	93
68) Atrazine	10.90	200	57337	36.84	nq	91
69) Pentachlorophenol	11.00	266	56110	57.59	nq	99
70) Phenanthrene	11.21	178	635248	78.75	nq	99
71) Anthracene	11.26	178	420906	52.47	nq	99
72) Carbazole	11.42	167	341137	45.19	nq	99
73) Di-n-butylphthalate	11.76	149	497755	56.68	nq	99
74) Fluoranthene	12.40	202	845386	103.37	nq	94
76) Benzidine	12.51	184	14765	2.75	nq	# 97
77) Pyrene	12.62	202	713688	79.38	nq	99
79) Butylbenzylphthalate	13.25	149	177858	44.35	nq	# 77
80) Benzo(a)anthracene	13.81	228	525616	76.98	nq	100
81) 3,3'-Dichlorobenzidine	13.77	252	68599	26.72	nq	# 94
82) Chrysene	13.84	228	381209	56.43	nq	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	252590	55.17	nq	# 100
84) Di-n-octyl phthalate	14.42	149	389609	50.09	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.48	276	282017	54.26	nq	# 100
87) Benzo(b)fluoranthene	14.81	252	444844m	81.94	nq	
88) Benzo(k)fluoranthene	14.83	252	296750m	62.79	nq	
89) Benzo(a)pyrene	15.13	252	361182	78.58	nq	99
90) Dibenzo(a,h)anthracene	16.49	278	202955	52.88	nq	# 95
91) Benzo(g,h,i)perylene	16.87	276	235687	59.34	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.05 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

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BNA_F

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LSS-SB-SB05(0-2ft)MSD

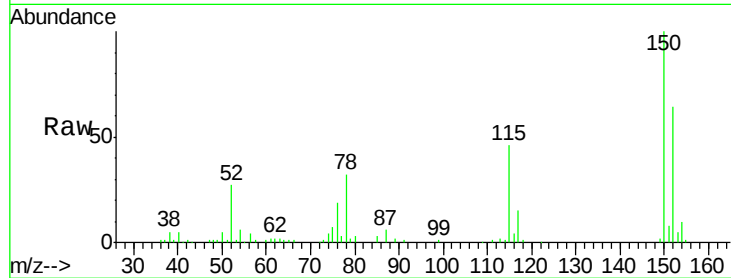
Tot Ion:152 Resp: 55711

Ion Ratio Lower Upper

152 100

150 156.4 123.8 185.6

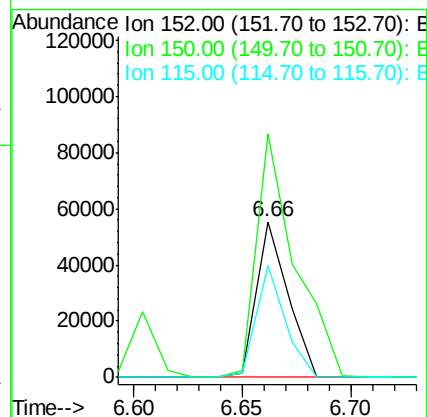
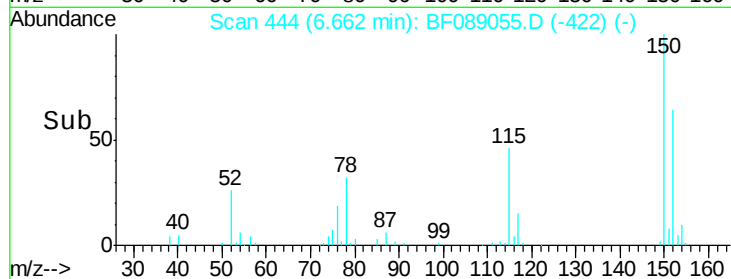
115 71.5 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

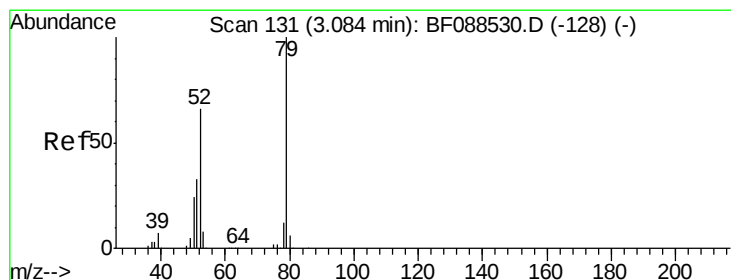
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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#3

Pyridine

Concen: 29.14 ng

RT: 2.82 min Scan# 108

Delta R.T. -0.06 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

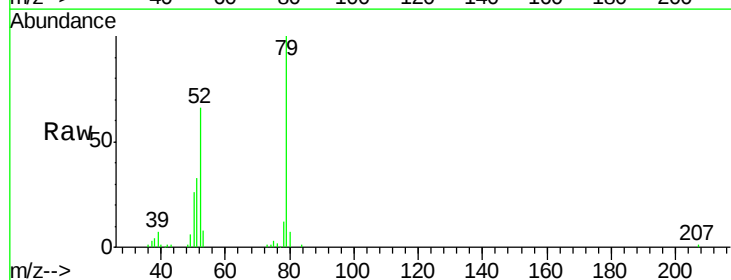
Tgt Ion: 79 Resp: 155819

Ion Ratio Lower Upper

79 100

52 65.8 56.3 84.5

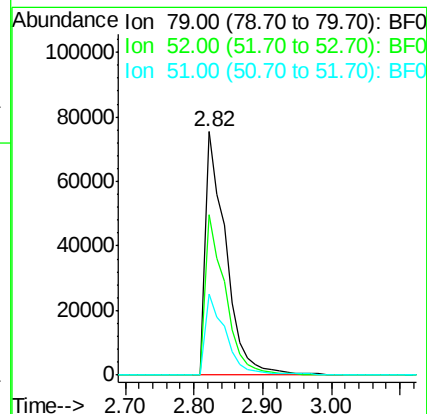
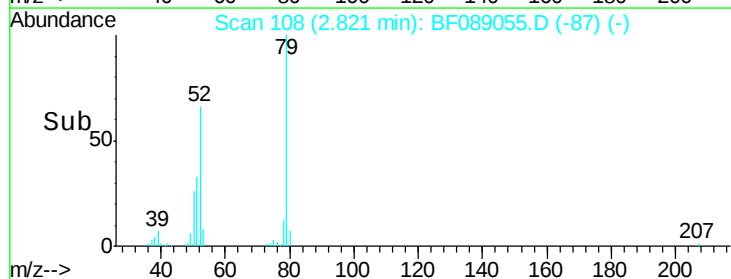
51 33.2 27.4 41.2

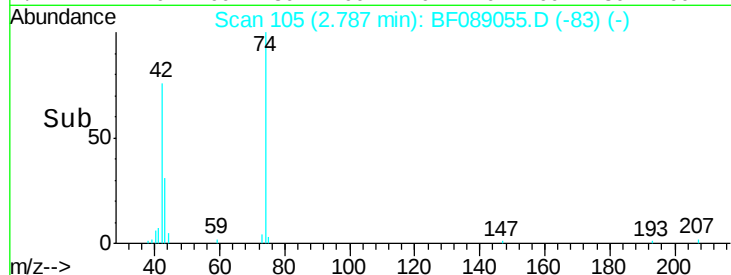
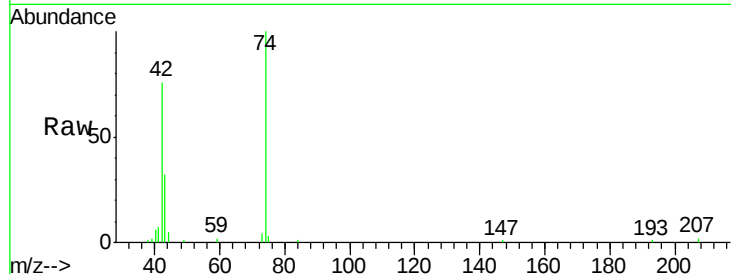
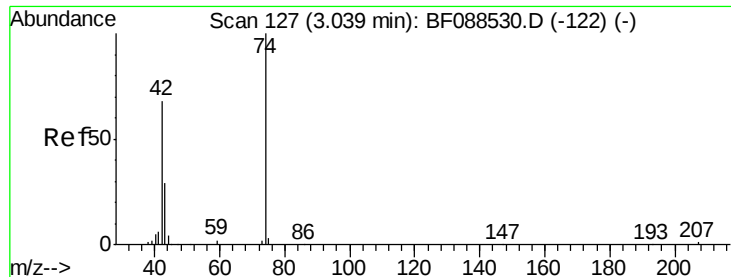


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

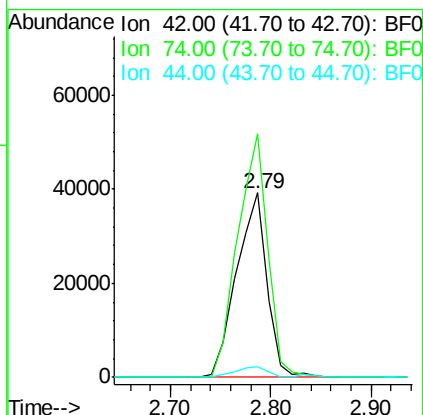
Ion 51.00 (50.70 to 51.70): BF0





#4
n-Nitrosodimethylamine
Concen: 40.16 ng
RT: 2.79 min Scan# 105
Delta R.T. -0.05 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

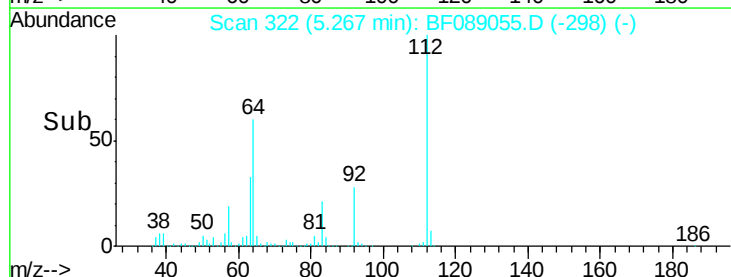
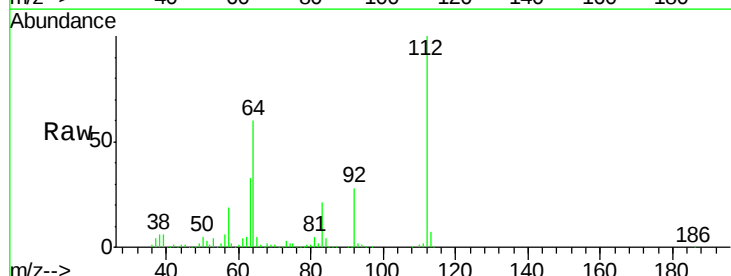
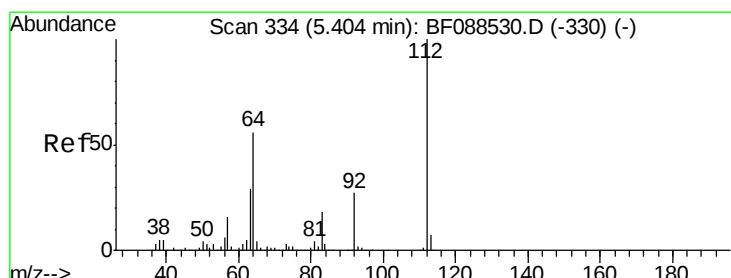
Tot Ion:	42	Resp:	82046
Ion	Ratio	Lower	Upper
42	100		
74	131.9	108.6	163.0
44	6.0	5.5	8.3



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LSS-SB-SB05(0-2ft)MSD

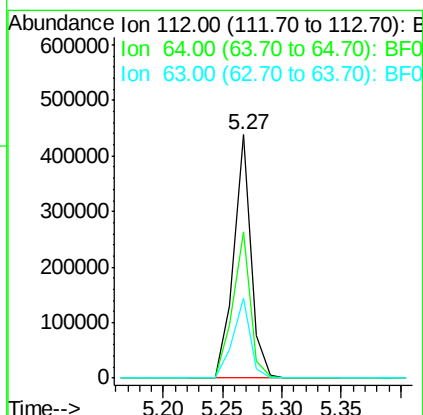
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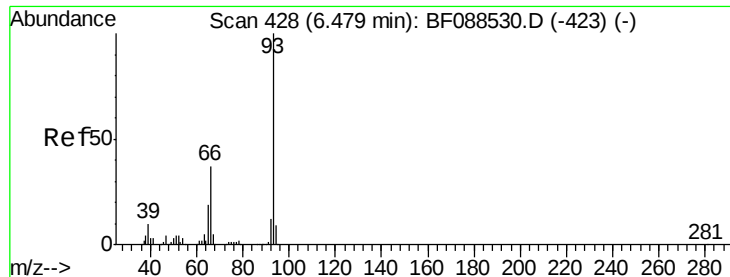
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#5
2-Fluorophenol
Concen: 120.66 ng
RT: 5.27 min Scan# 322
Delta R.T. -0.02 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion:	112	Resp:	448531
Ion	Ratio	Lower	Upper
112	100		
64	60.3	42.2	63.2
63	32.5	21.8	32.8





#6

Aniline

Concen: 8.20 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.05 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

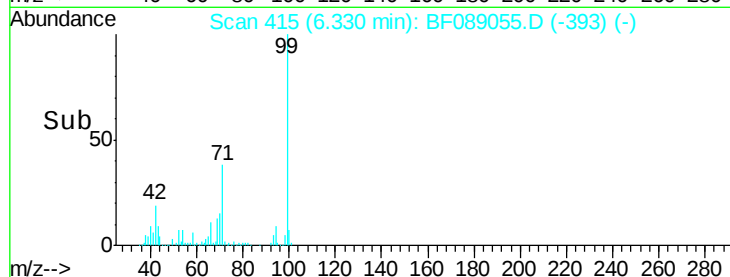
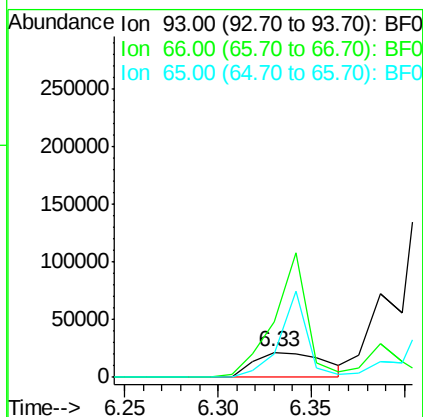
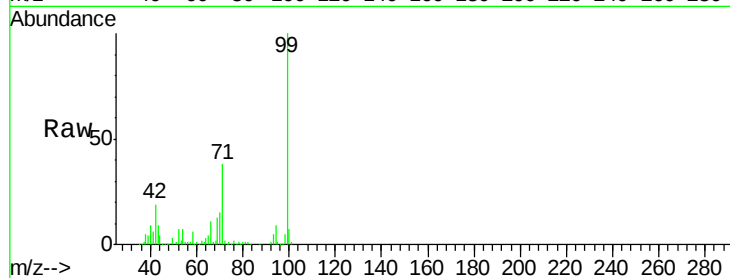
Instrument :

BNA_F

ClientSampleId :

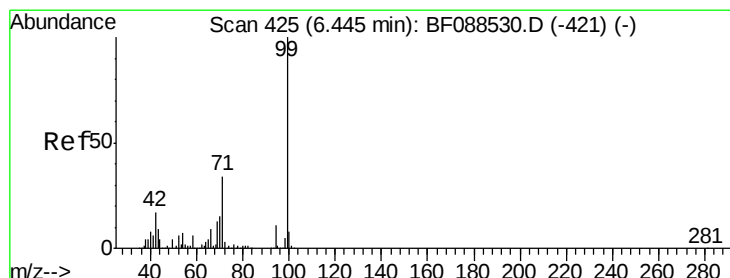
LSS-SB-SB05(0-2ft)MSD

Tot Ion:	93	Resp:	57366
Ion	Ratio	Lower	Upper
93	100		
66	221.7	29.8	44.8#
65	92.0	14.9	22.3#



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#7

Phenol-d6

Concen: 119.82 ng

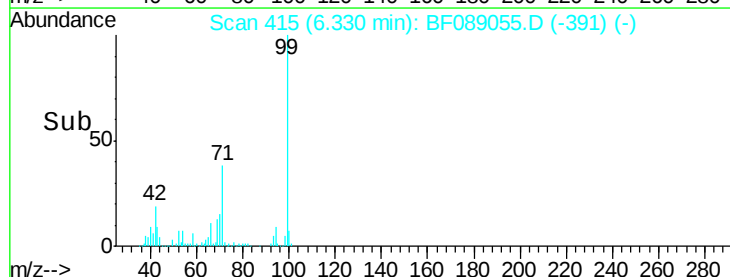
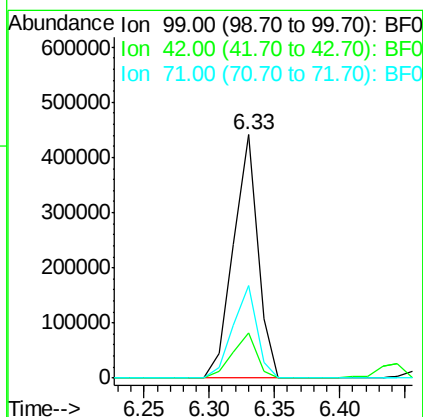
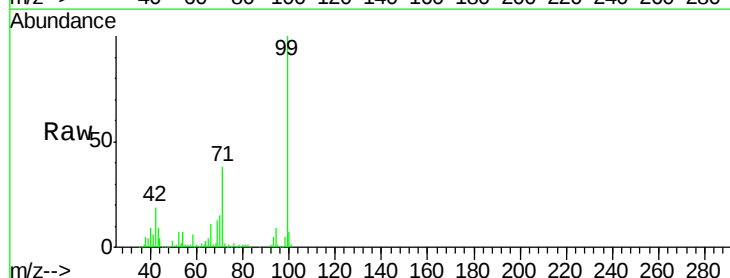
RT: 6.33 min Scan# 415

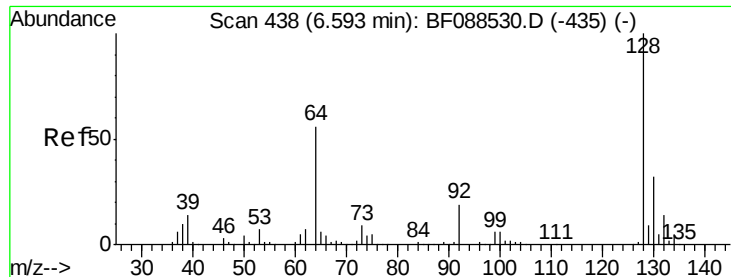
Delta R.T. -0.02 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

Tgt Ion:	99	Resp:	575514
Ion	Ratio	Lower	Upper
99	100		
42	18.6	12.2	18.2#
71	38.2	23.4	35.0#

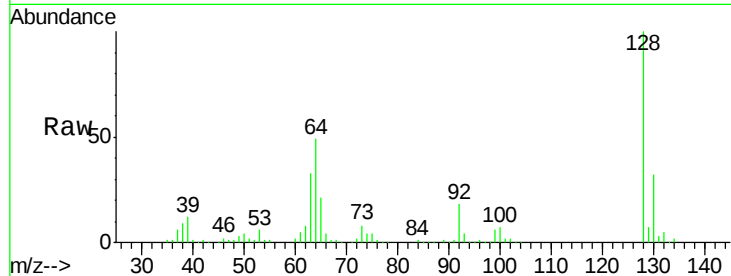




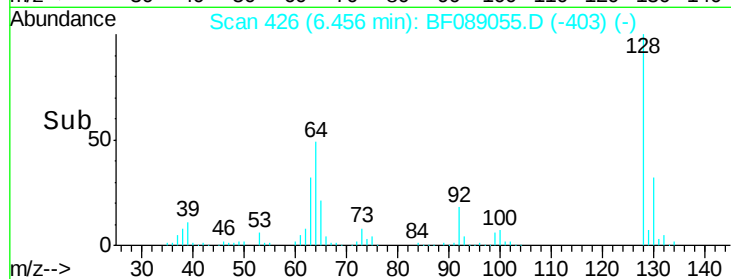
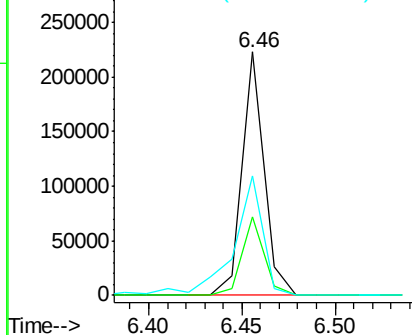
#8
2-Chlorophenol
Concen: 45.91 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Instrument :
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LSS-SB-SB05(0-2ft)MSD

Tot Ion:	128	Resp:	183417
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.0	52.0
64	48.9	30.8	70.8

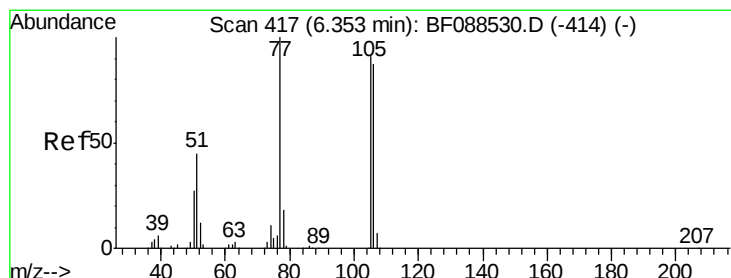


Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): B



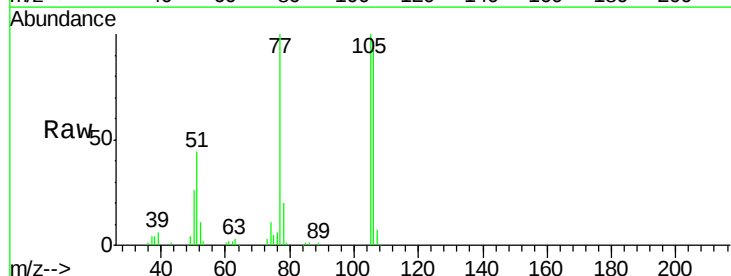
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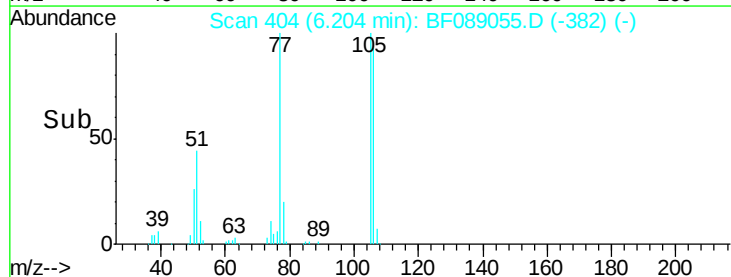
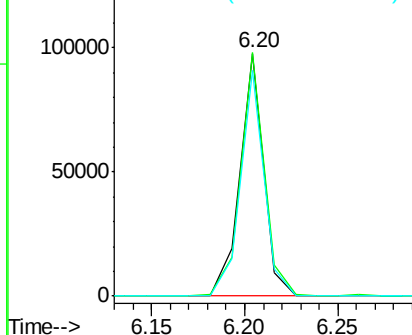


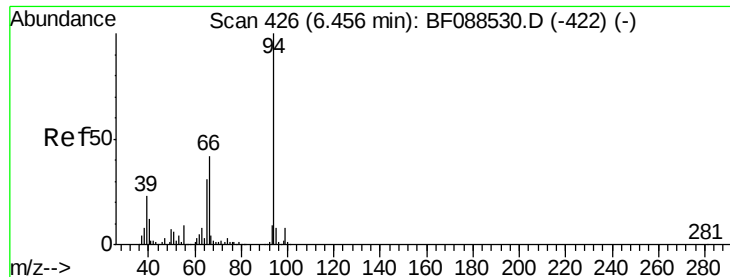
#9
Benzaldehyde
Concen: 26.74 ng
RT: 6.20 min Scan# 404
Delta R.T. -0.05 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion:	77	Resp:	86987
Ion Ratio	Lower	Upper	
77	100		
105	100.4	90.6	130.6
106	93.2	85.3	125.3



Abundance Ion 77.00 (76.70 to 77.70): B
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 36.66 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

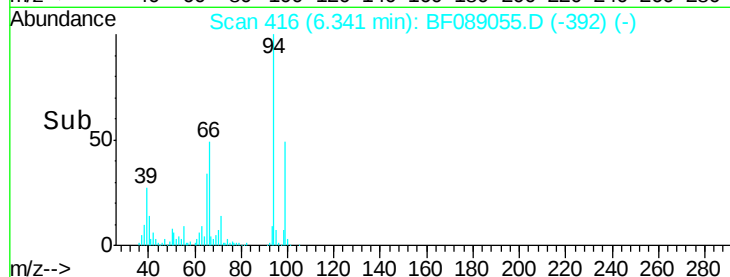
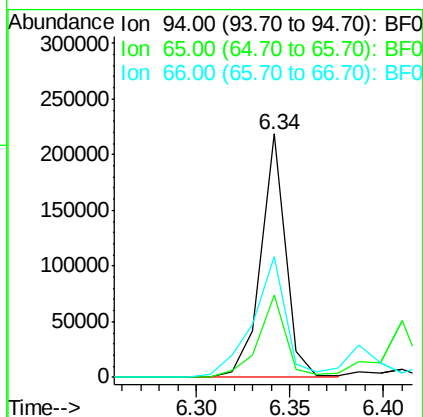
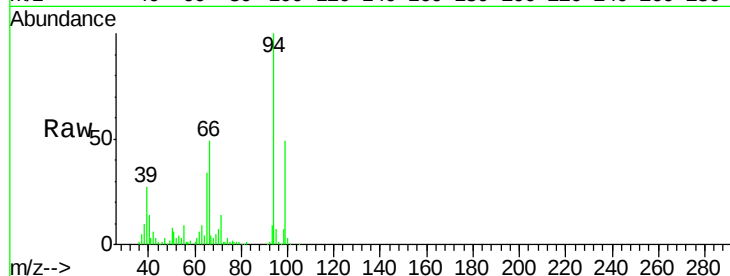
Instrument :

BNA_F

ClientSampleId :

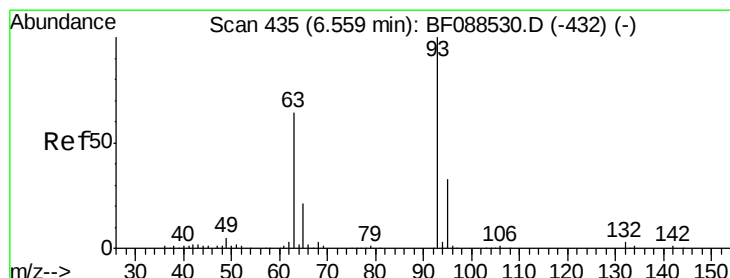
LSS-SB-SB05(0-2ft)MSD

Tot Ion:	94	Resp:	200964
Ion	Ratio	Lower	Upper
94	100		
65	33.9	5.9	45.9
66	49.4	14.0	54.0



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#11

bis(2-Chloroethyl)ether

Concen: 62.01 ng

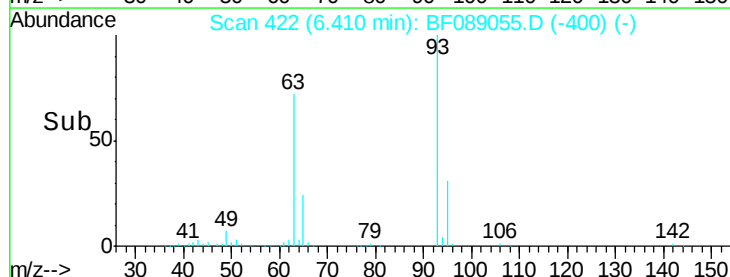
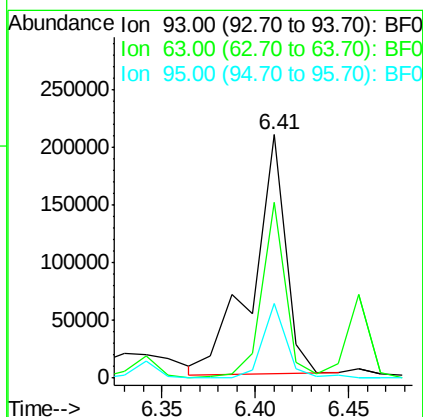
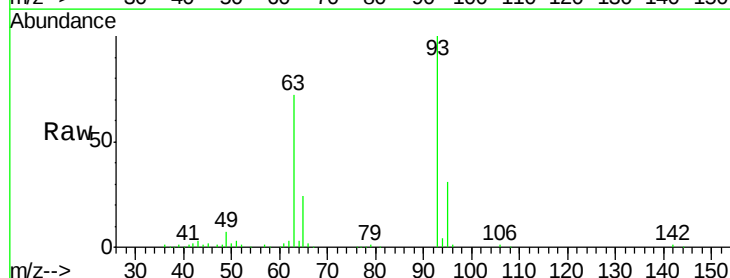
RT: 6.41 min Scan# 422

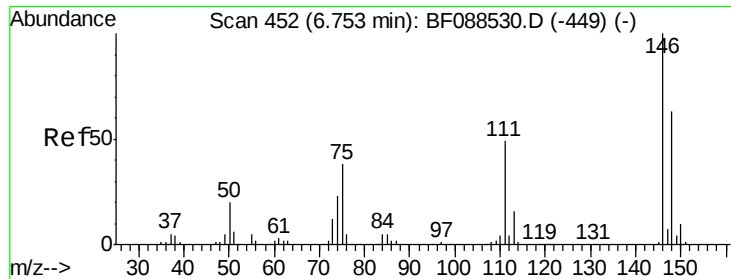
Delta R.T. -0.05 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

Tgt Ion:	93	Resp:	253504
Ion	Ratio	Lower	Upper
93	100		
63	72.0	67.6	107.6
95	30.6	12.5	52.5

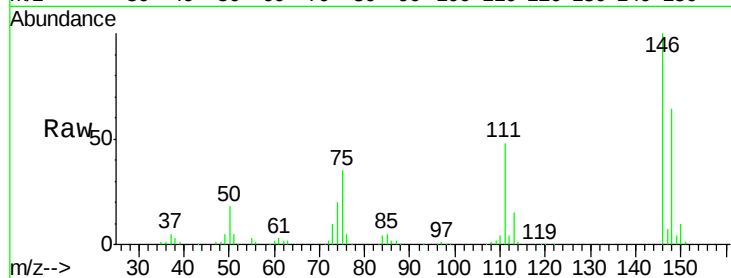




#12
 1,3-Dichlorobenzene
 Concen: 42.74 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.05 min
 Lab File: BF089055.D
 Acq: 16 Jul 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2ft)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.9	76.3
75	35.1	25.6	38.4

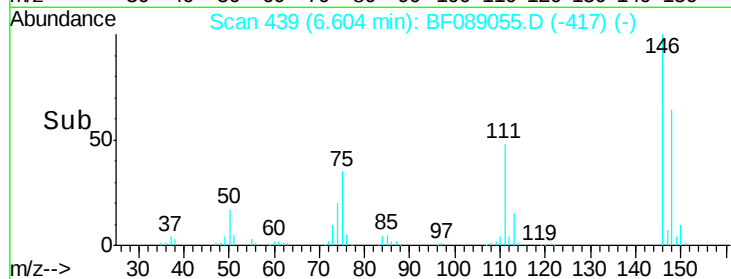
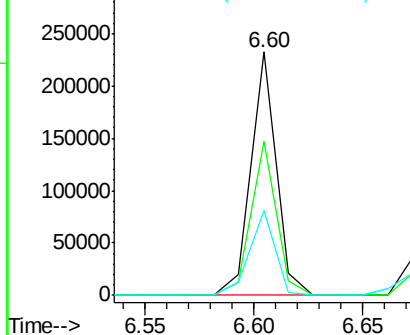


Abundance

Ion 146.00 (145.70 to 146.70): E

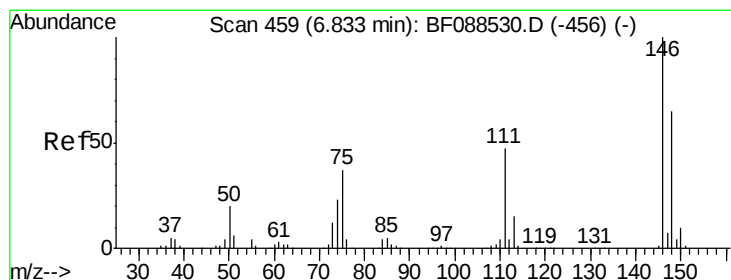
Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



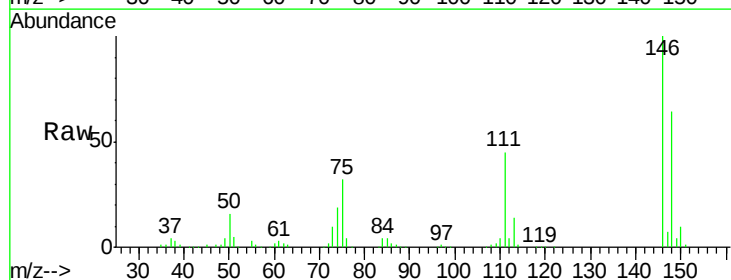
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#13
 1,4-Dichlorobenzene
 Concen: 46.74 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.05 min
 Lab File: BF089055.D
 Acq: 16 Jul 2016 15:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.0	78.0
111	44.9	33.8	50.8

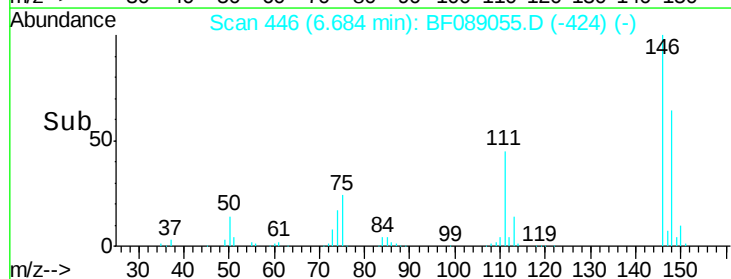
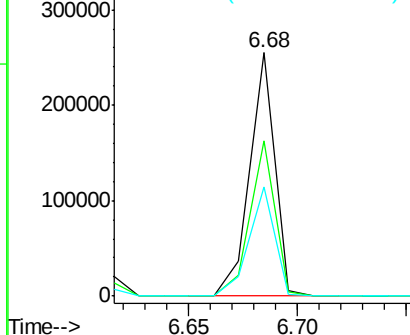


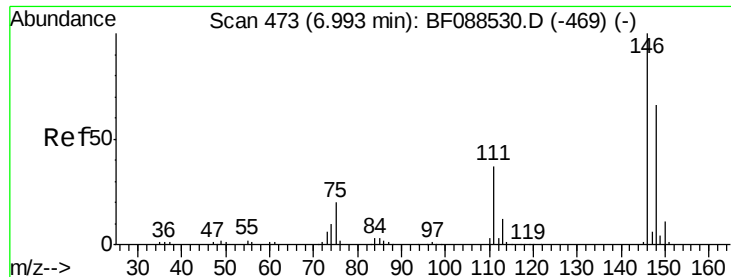
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

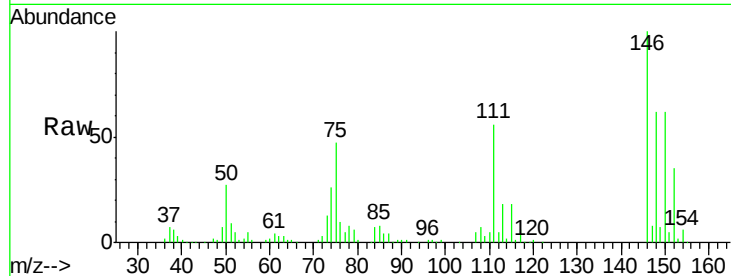




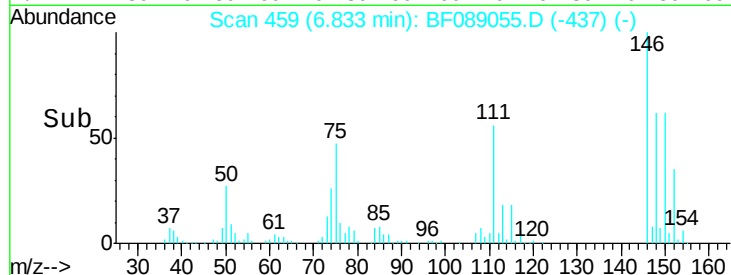
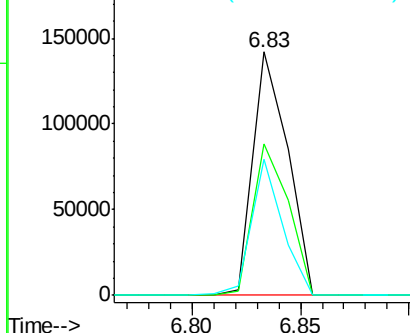
#14
1,2-Dichlorobenzene
Concen: 38.70 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion:146 Resp: 158066
Ion Ratio Lower Upper
146 100
148 62.5 52.3 78.5
111 55.8 28.7 43.1#

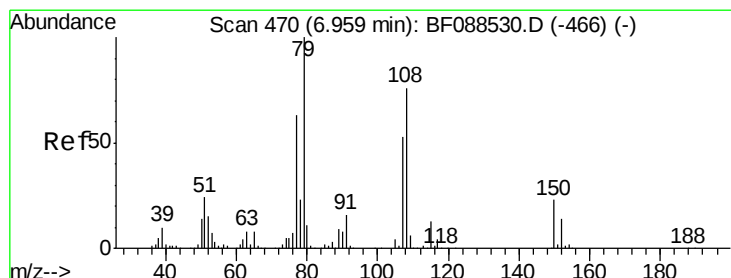


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



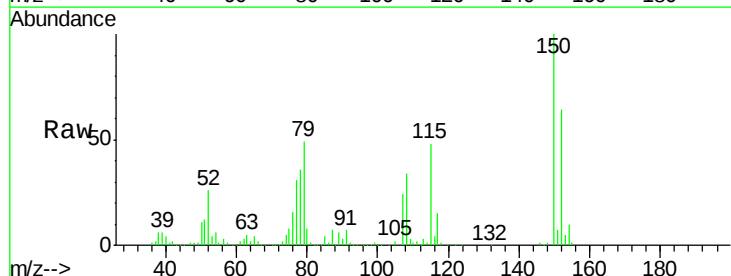
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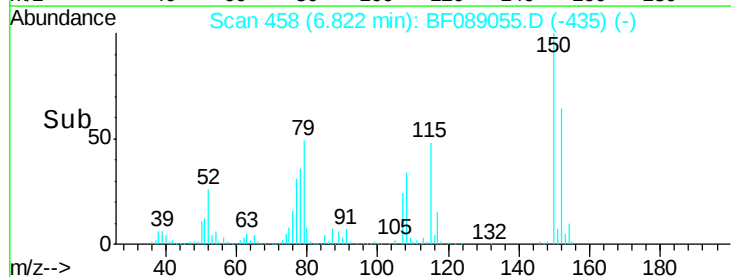
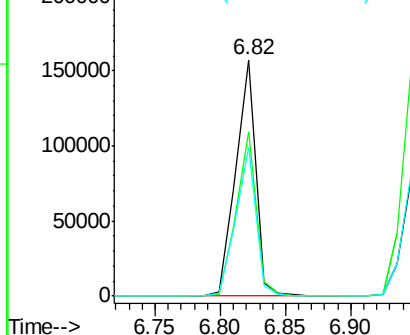


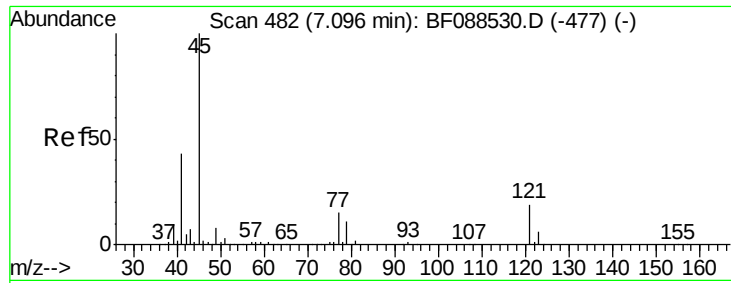
#15
Benzyl Alcohol
Concen: 47.01 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion: 79 Resp: 166176
Ion Ratio Lower Upper
79 100
108 69.8 65.0 97.6
77 63.2 50.3 75.5



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

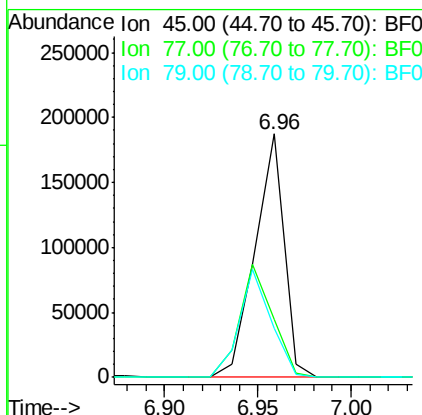
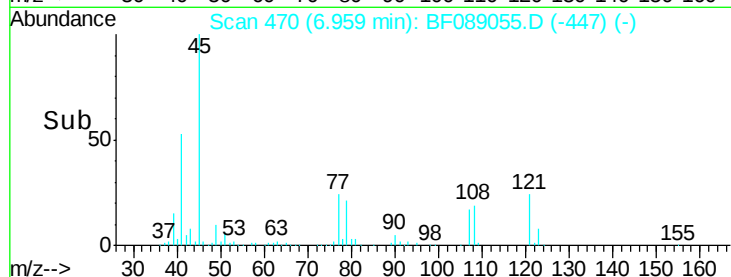
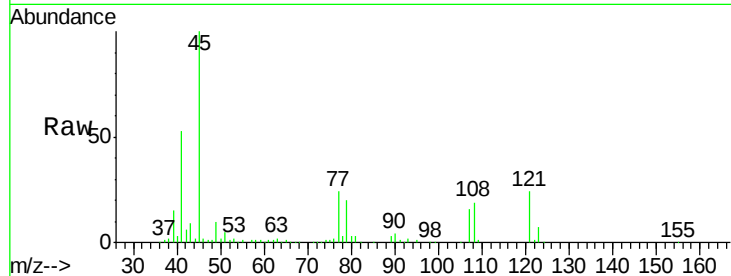




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 34.22 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

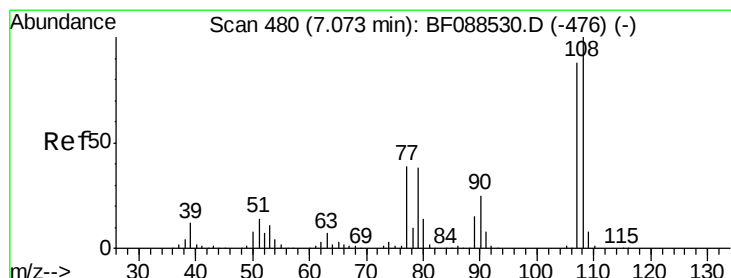
Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion:	45	Resp:	202602
Ion Ratio	Lower	Upper	
45	100		
77	23.8	0.0	32.5
79	20.2	0.0	29.5



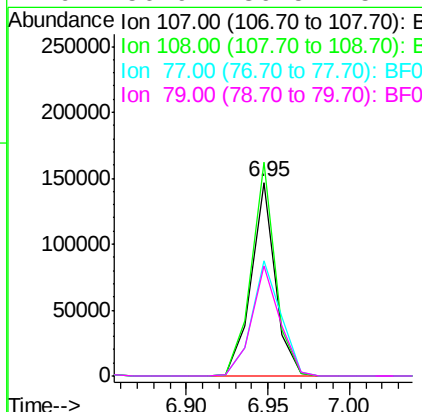
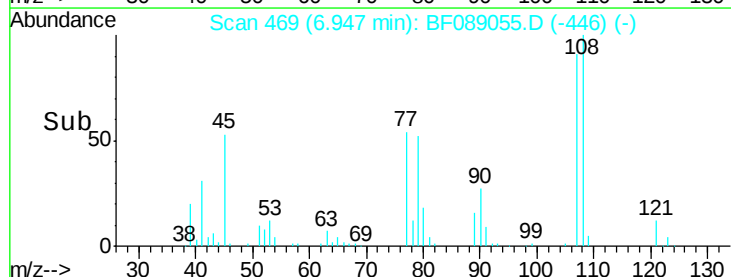
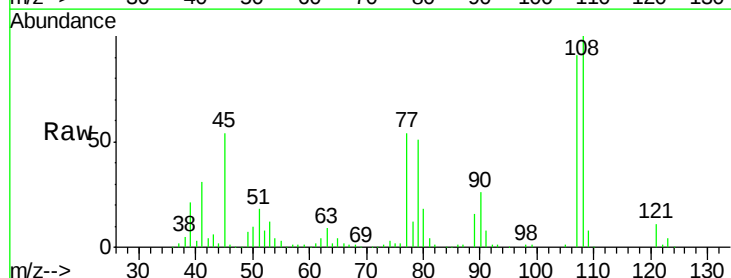
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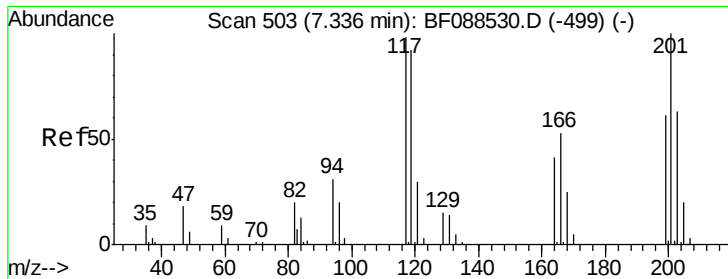
7/18/2016 7:38:02 PM



#17
2-Methylphenol
Concen: 45.79 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion:	107	Resp:	149245
Ion Ratio	Lower	Upper	
107	100		
108	110.4	90.9	136.3
77	59.5	36.6	55.0#
79	56.9	36.5	54.7#

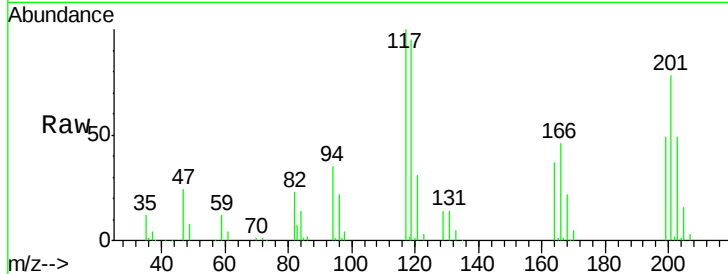




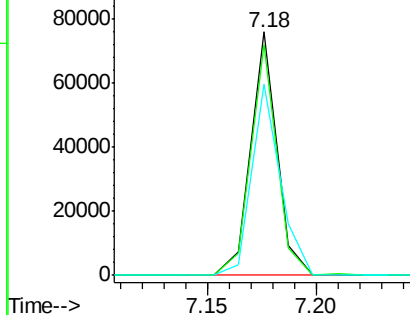
#18
Hexachloroethane
Concen: 37.53 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.05 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion:117 Resp: 63355
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.2
201 78.3 80.4 120.6#

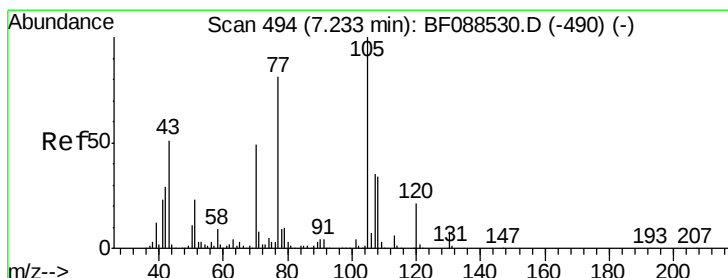
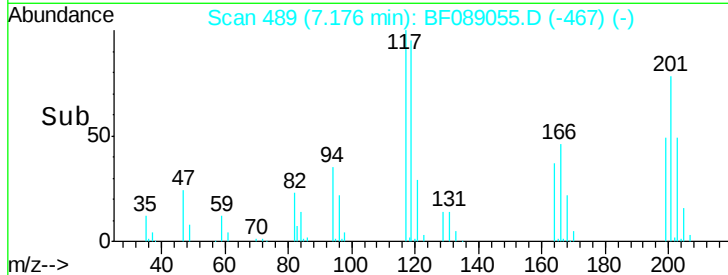


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E



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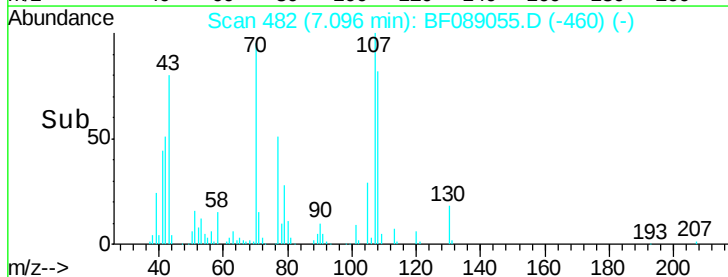
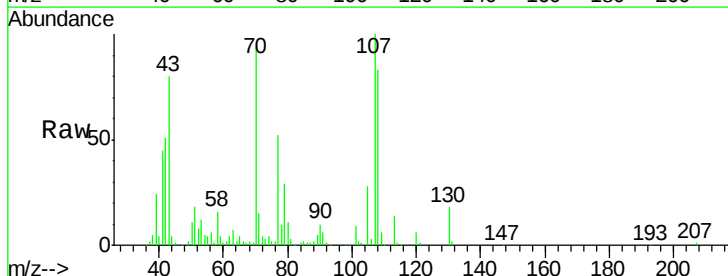
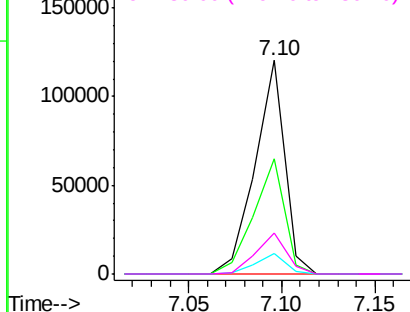
7/18/2016 7:38:02 PM

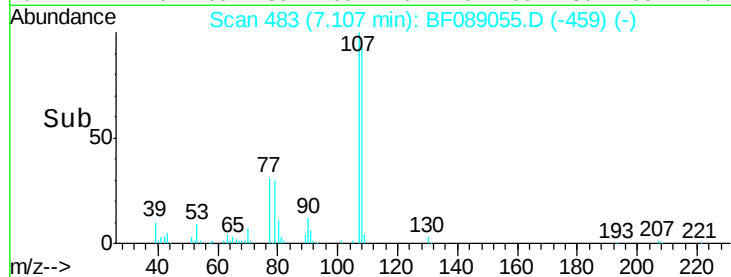
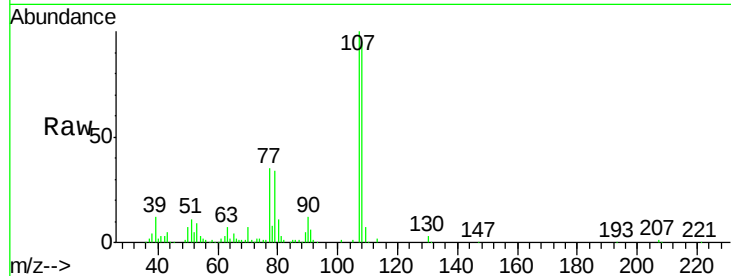
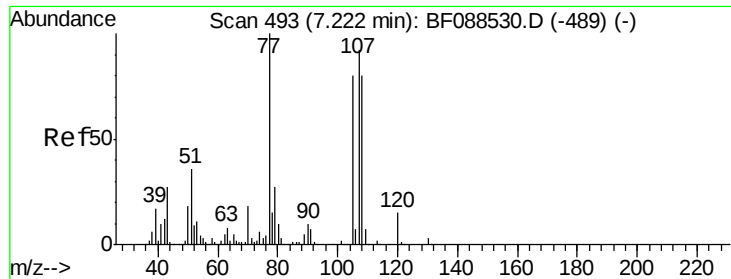


#19
n-Nitroso-di-n-propylamine
Concen: 40.88 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion: 70 Resp: 131900
Ion Ratio Lower Upper
70 100
42 54.1 49.6 74.4
101 9.7 7.1 10.7
130 19.4 15.4 23.2

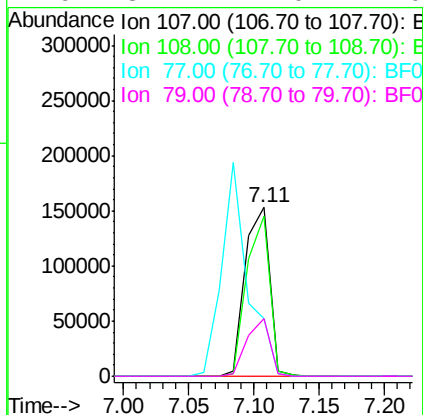
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20
3+4-Methylphenols
Concen: 51.18 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

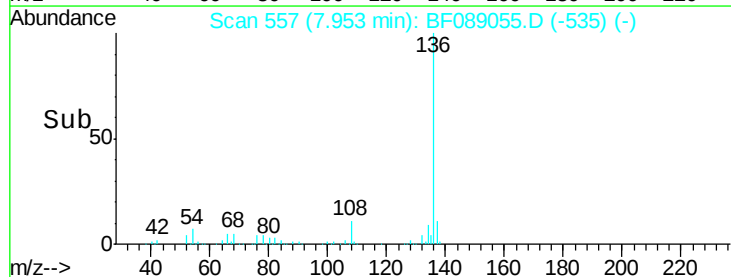
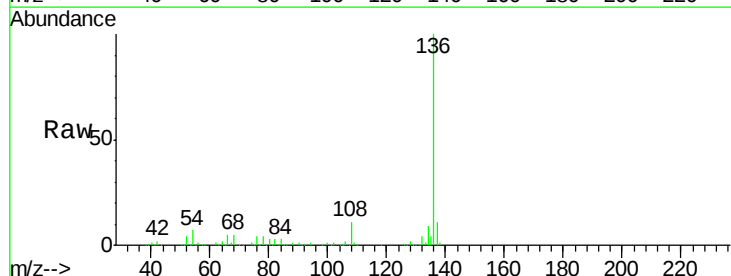
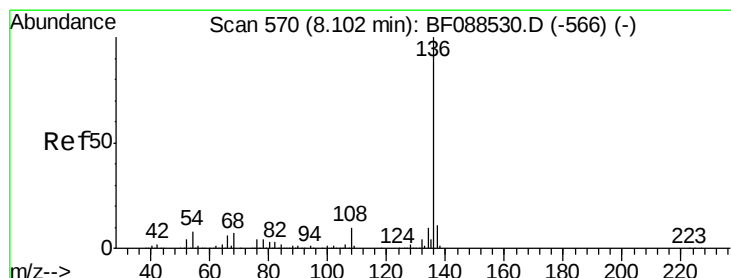
Tot Ion:	107	Resp:	200203
Ion	Ratio	Lower	Upper
107	100		
108	95.2	67.8	107.8
77	34.5	59.3	99.3#
79	34.2	7.0	47.0



Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

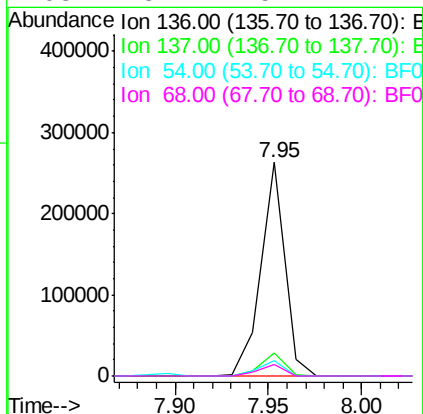
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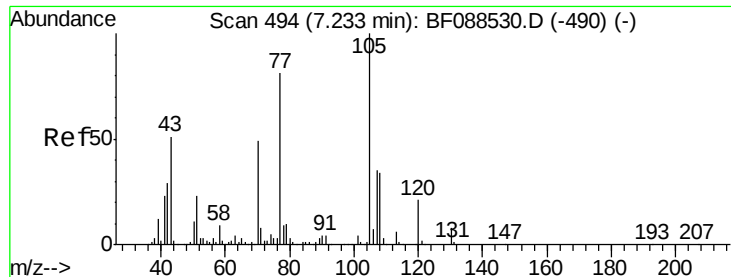
7/18/2016 7:38:02 PM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.05 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion:	136	Resp:	232345
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.0	6.6	10.0
68	5.4	5.1	7.7





#22

Acetophenone

Concen: 46.42 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.05 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MSD

Tot Ion:105 Resp: 261751

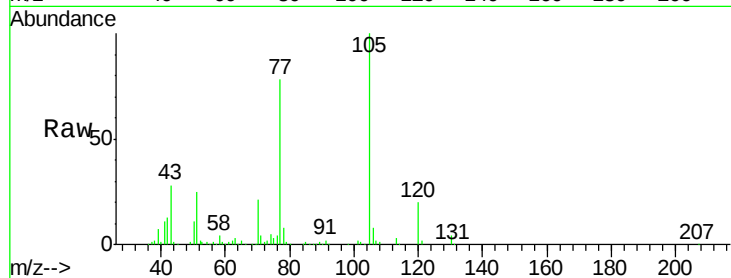
Ion Ratio Lower Upper

105 100

71 3.6 5.3 7.9#

51 25.3 18.2 27.4

120 19.6 18.0 27.0

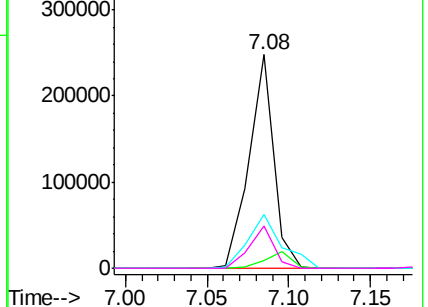


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

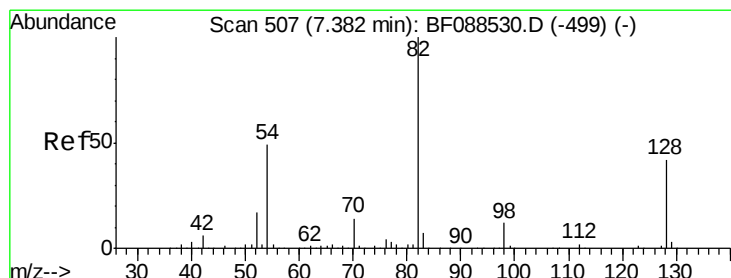
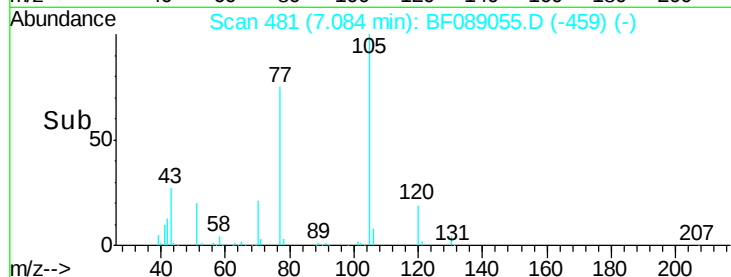
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



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7/18/2016 7:38:02 PM



#23

Nitrobenzene-d5

Concen: 88.12 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.05 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

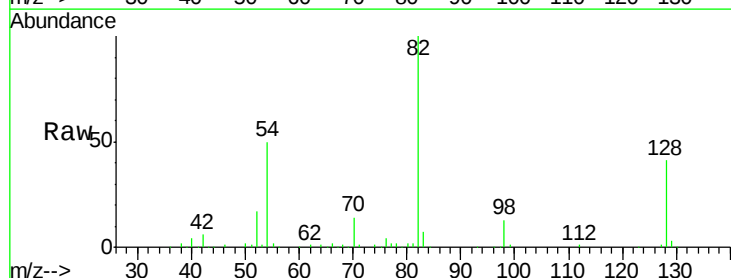
Tgt Ion: 82 Resp: 390708

Ion Ratio Lower Upper

82 100

128 40.6 35.9 53.9

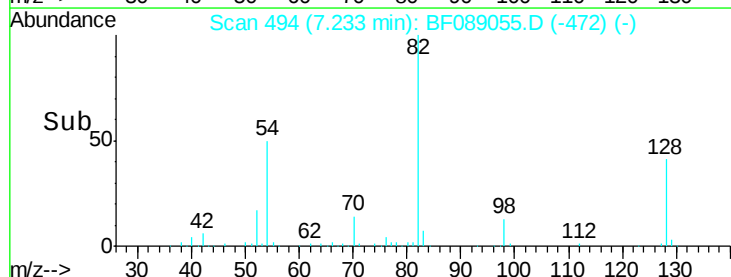
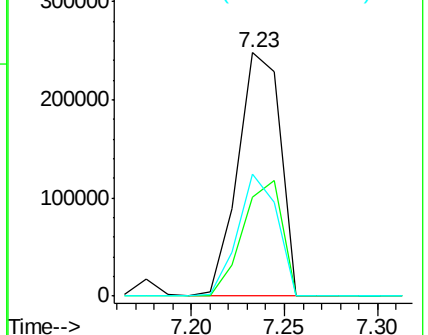
54 50.1 40.9 61.3

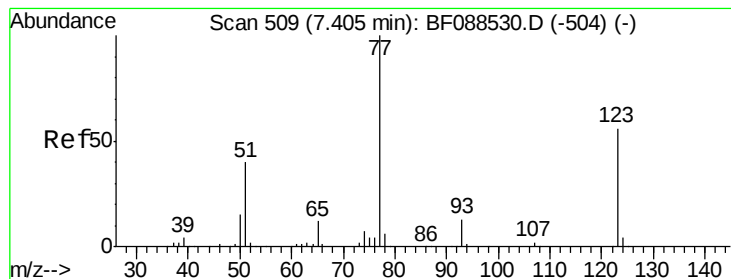


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 45.59 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.05 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MSD

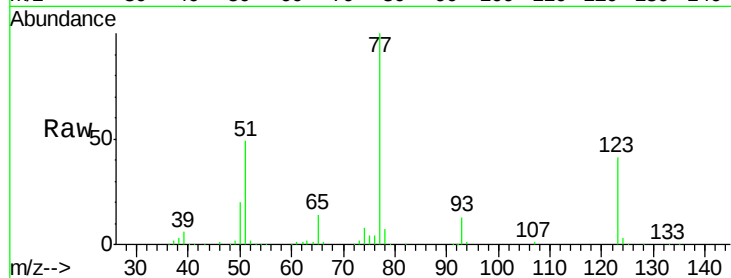
Tot Ion: 77 Resp: 203811

Ion Ratio Lower Upper

77 100

123 41.3 45.0 67.4#

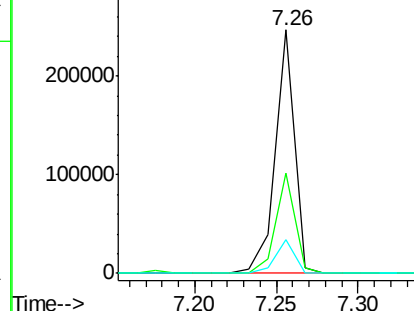
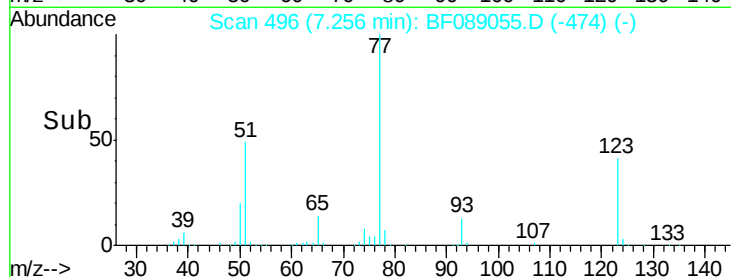
65 13.7 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

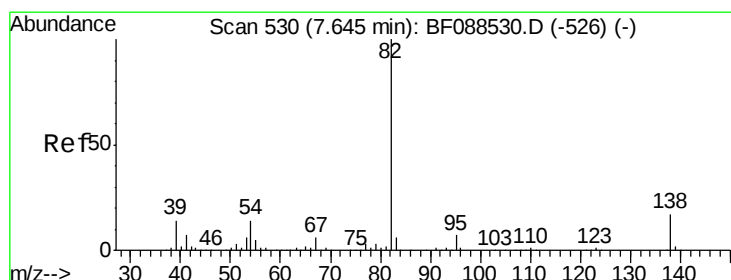
Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



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#25

Isophorone

Concen: 41.24 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

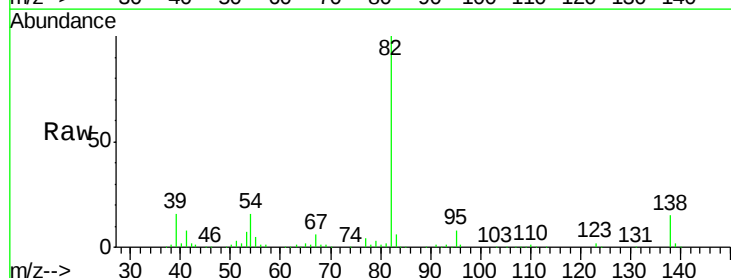
Tgt Ion: 82 Resp: 338719

Ion Ratio Lower Upper

82 100

95 7.6 5.4 8.2

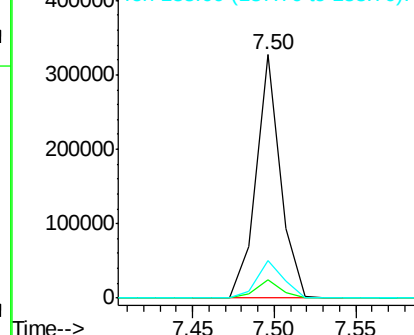
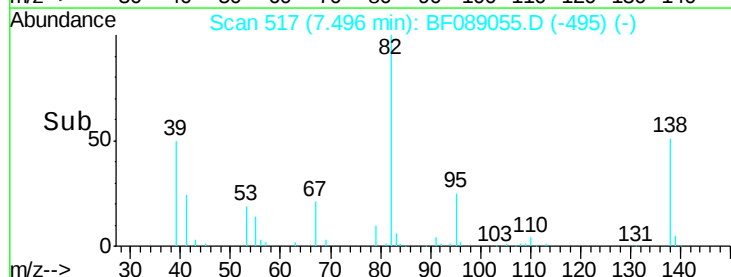
138 15.3 14.6 21.8

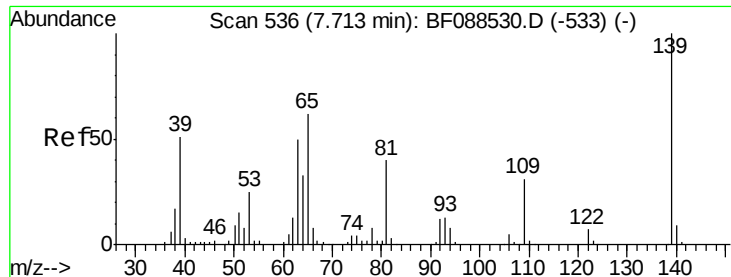


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

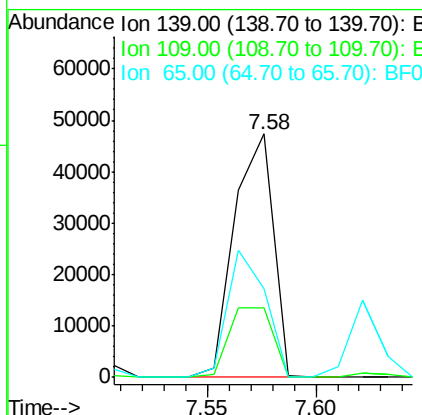
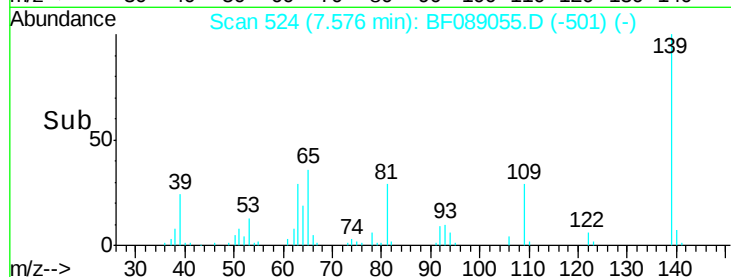
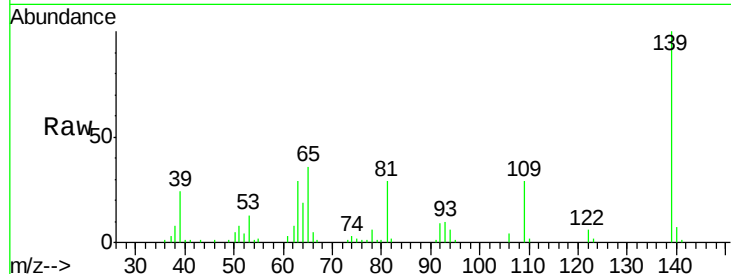




#26
2-Nitrophenol
Concen: 32.12 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

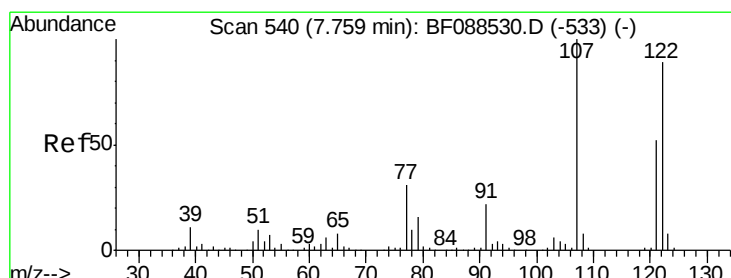
Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	28.6	23.0	34.4
65	36.5	45.8	68.8#



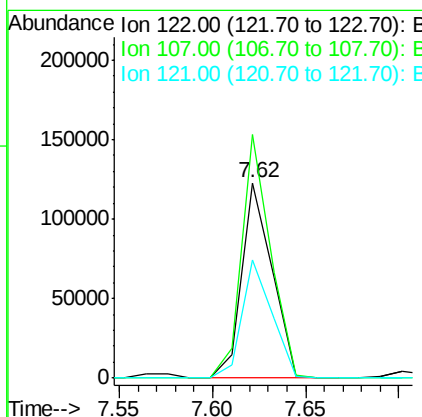
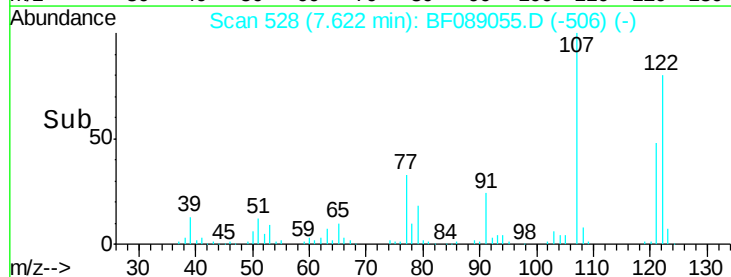
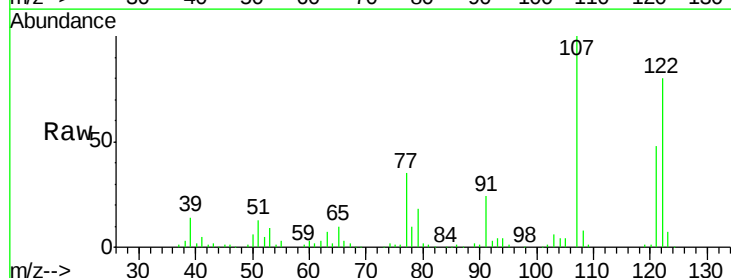
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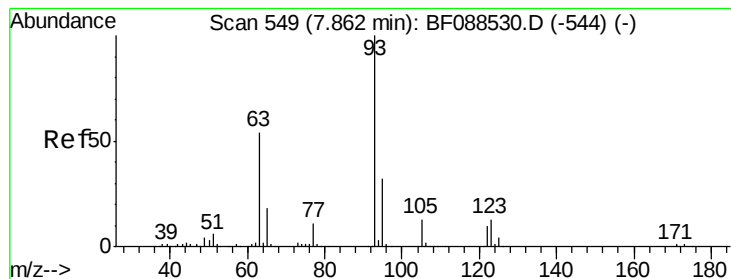
7/18/2016 7:38:02 PM



#27
2,4-Dimethylphenol
Concen: 36.32 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.8	82.4	123.6#
121	60.5	46.3	69.5





#28

bis(2-Chloroethoxy)methane

Concen: 41.26 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.05 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MSD

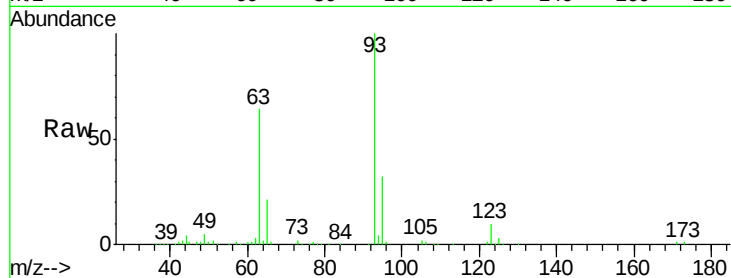
Tot Ion: 93 Resp: 220496

Ion Ratio Lower Upper

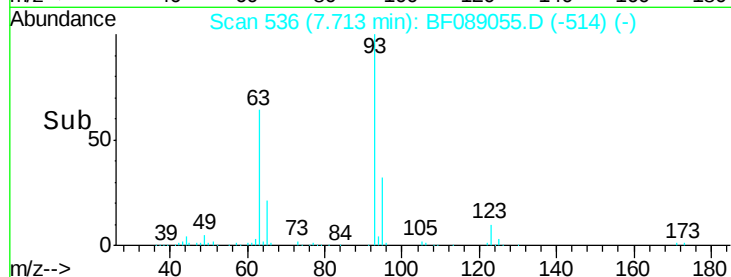
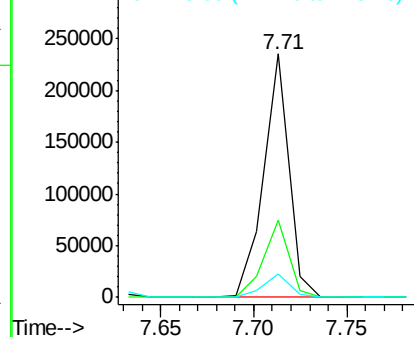
93 100

95 31.6 26.5 39.7

123 9.7 11.6 17.4#

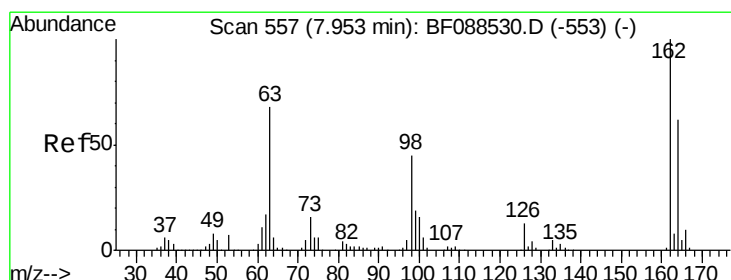


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): BF0



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7/18/2016 7:38:02 PM



#29

2,4-Dichlorophenol

Concen: 44.81 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.03 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

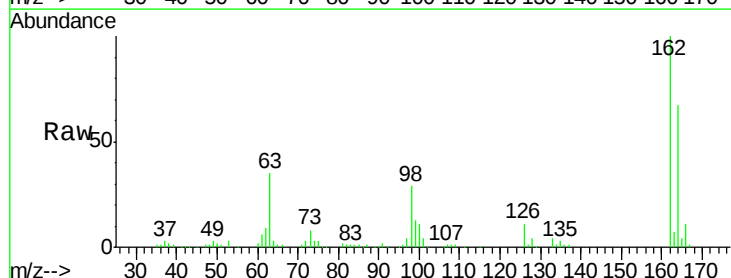
Tgt Ion: 162 Resp: 138282

Ion Ratio Lower Upper

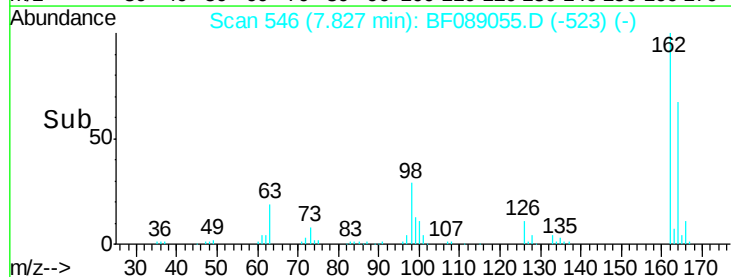
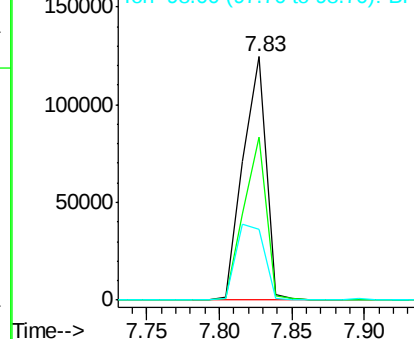
162 100

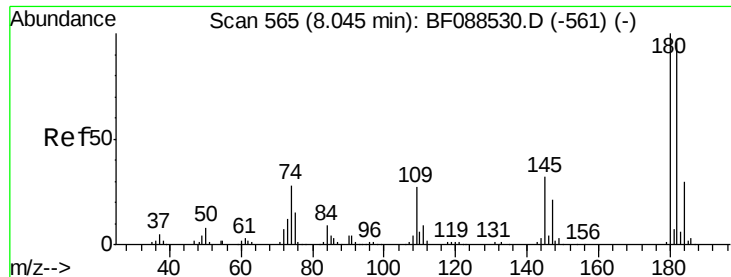
164 66.8 43.8 83.8

98 29.2 21.3 61.3



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

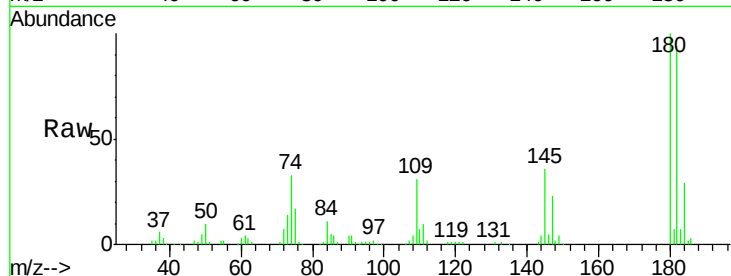




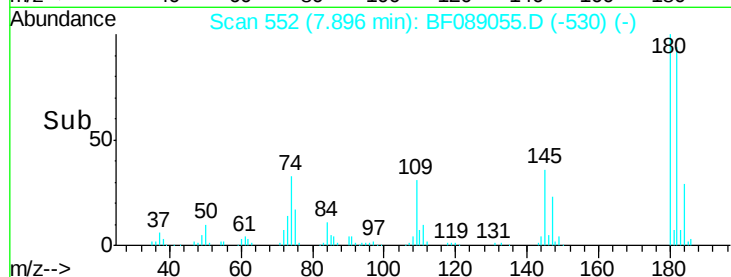
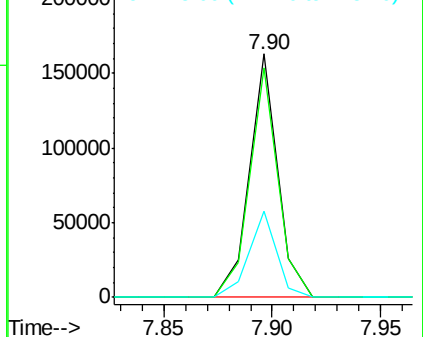
#30
 1,2,4-Trichlorobenzene
 Concen: 43.48 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.05 min
 Lab File: BF089055.D
 Acq: 16 Jul 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2ft)MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.0	114.0
145	35.6	26.5	39.7

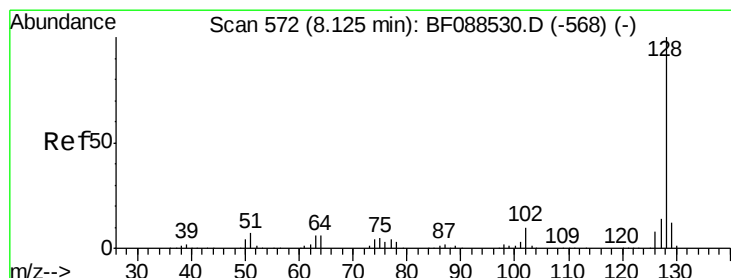


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



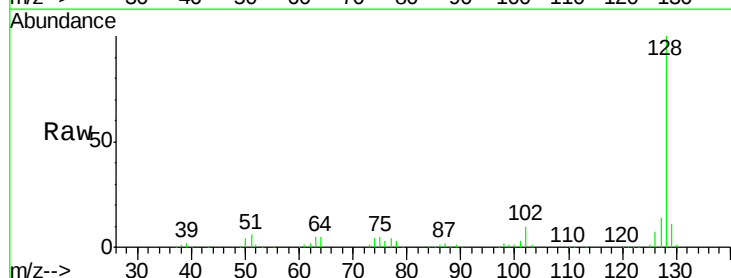
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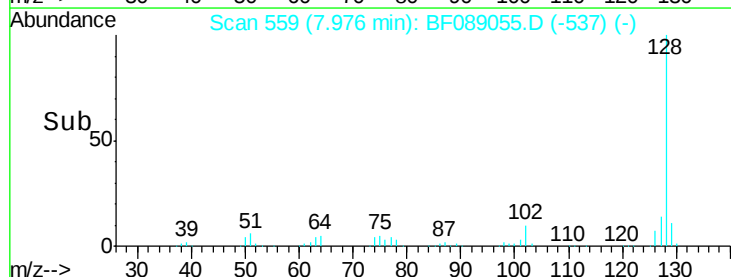
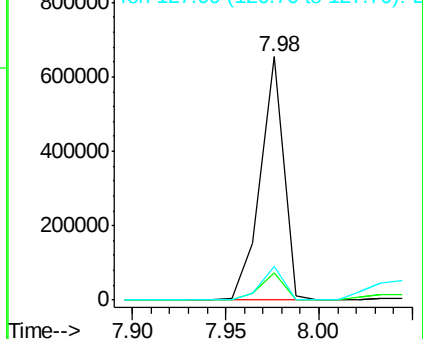


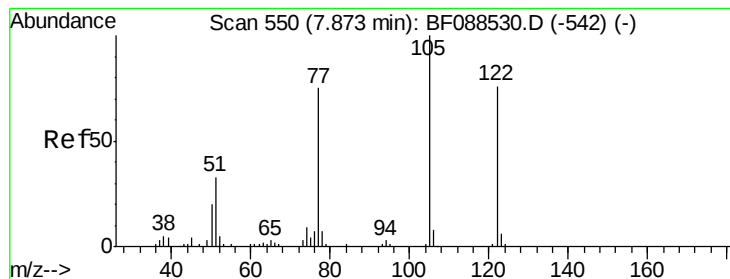
#31
 Naphthalene
 Concen: 49.31 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.05 min
 Lab File: BF089055.D
 Acq: 16 Jul 2016 15:09

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	13.8	10.9	16.3



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: 2.12 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.10 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

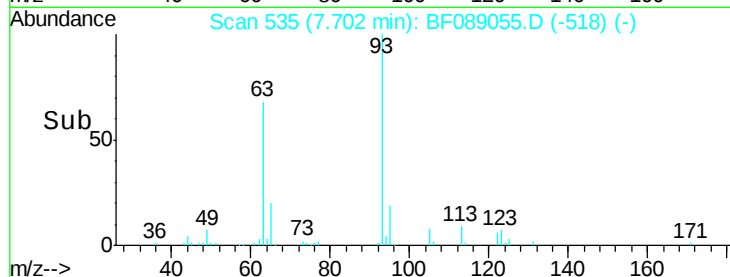
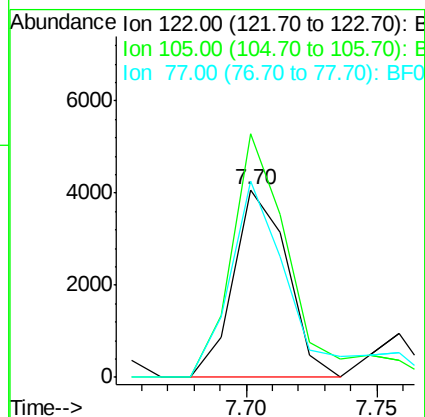
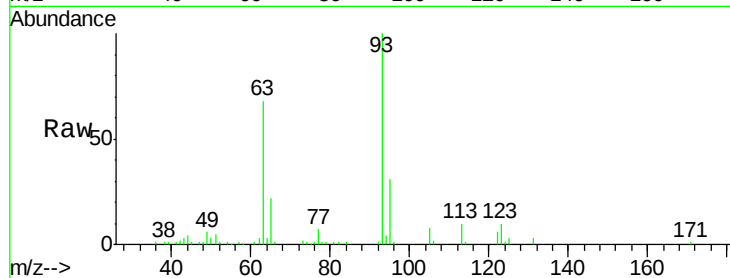
Instrument :

BNA_F

ClientSampleId :

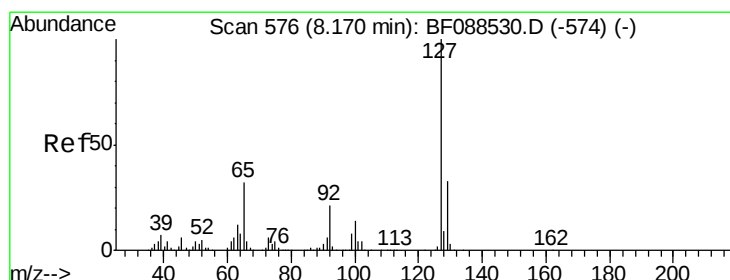
LSS-SB-SB05(0-2ft)MSD

Tot Ion:122	Resp:	5880
Ion Ratio	Lower	Upper
122	100	
105	129.9	101.6 141.6
77	104.6	70.6 110.6



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7/18/2016 7:38:02 PM



#33

4-Chloroaniline

Concen: 25.62 ng

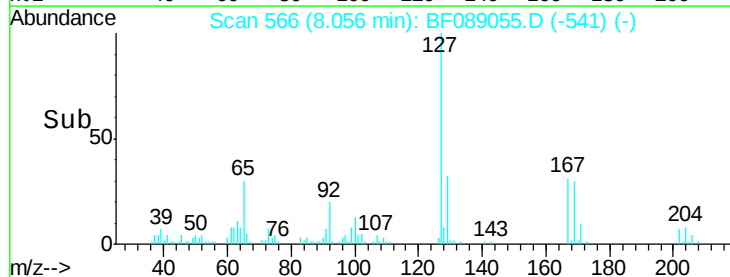
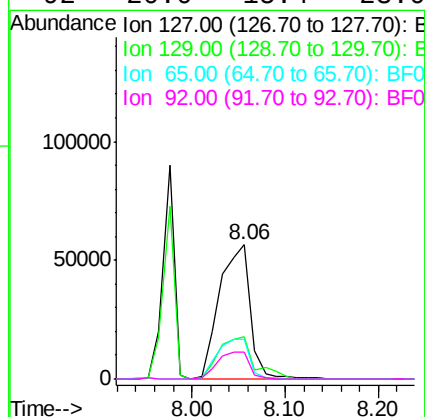
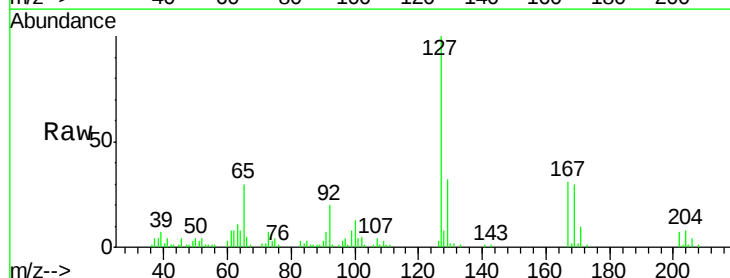
RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

Tgt Ion:127	Resp:	130578
Ion Ratio	Lower	Upper
127	100	
129	31.7	26.3 39.5
65	30.0	24.7 37.1
92	20.0	15.4 23.0

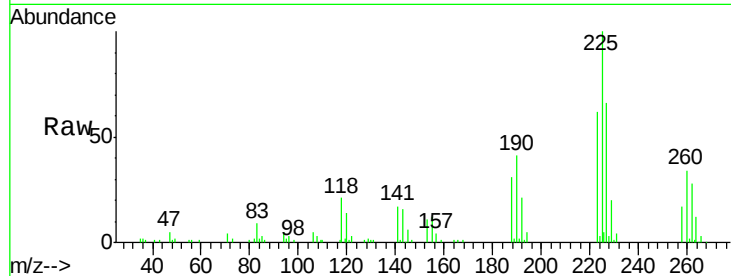




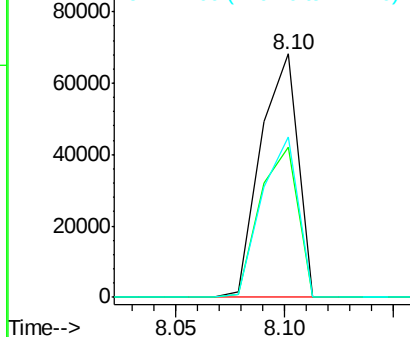
#34
Hexachlorobutadiene
Concen: 44.97 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.05 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.9	76.3
227	66.0	51.9	77.9

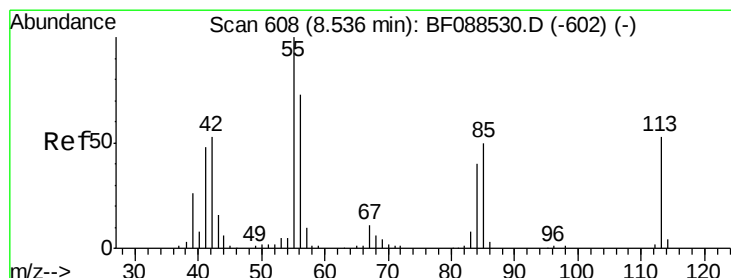
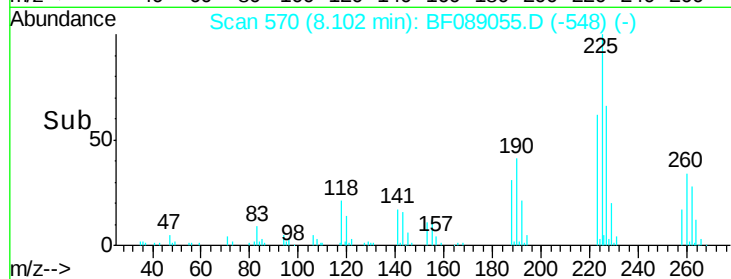


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



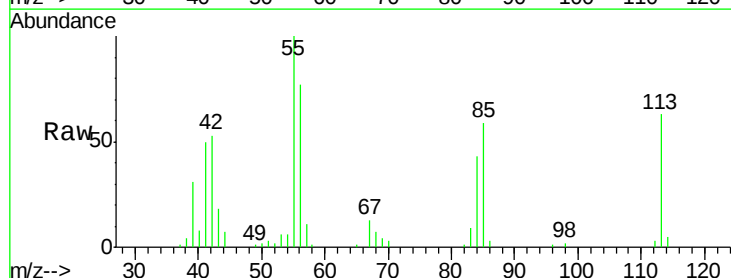
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7/18/2016 7:38:02 PM

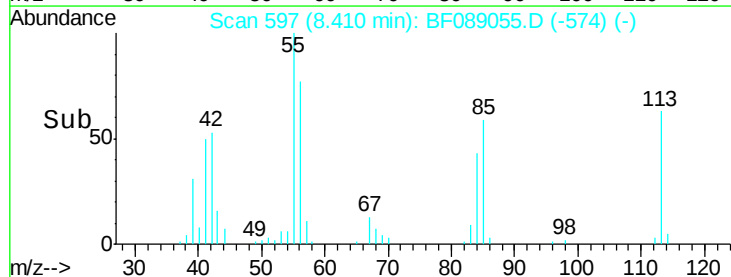
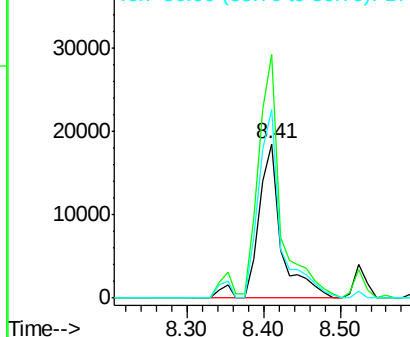


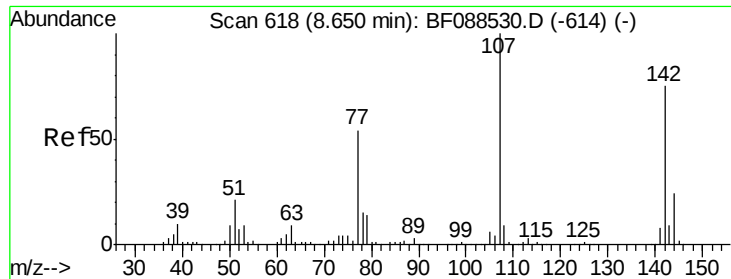
#35
Caprolactam
Concen: 36.27 ng m
RT: 8.41 min Scan# 597
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion	Ratio	Lower	Upper
113	100		
55	158.0	158.6	198.6#
56	122.4	110.6	150.6



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

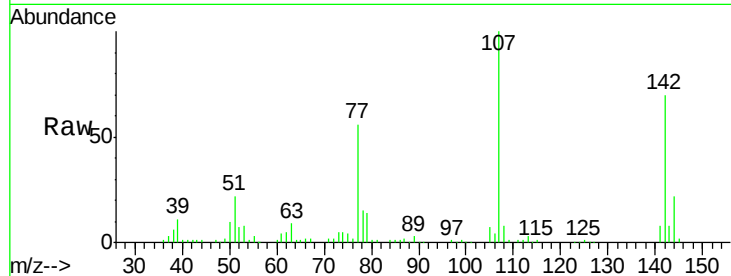




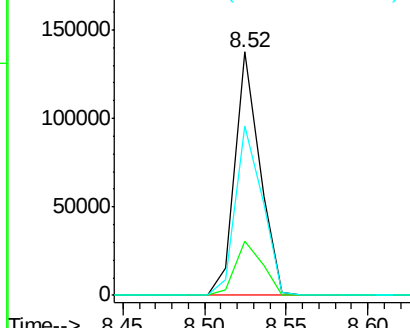
#36
4-Chloro-3-methylphenol
Concen: 39.67 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	22.1	20.8	31.2
142	69.7	63.4	95.2

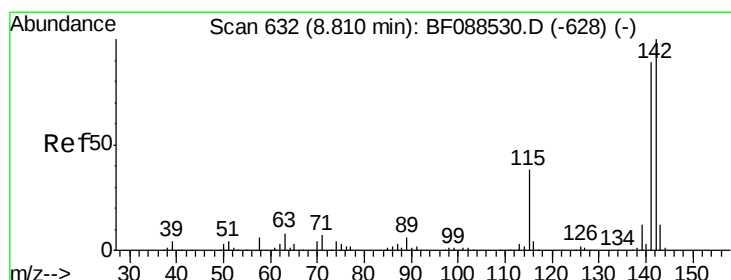
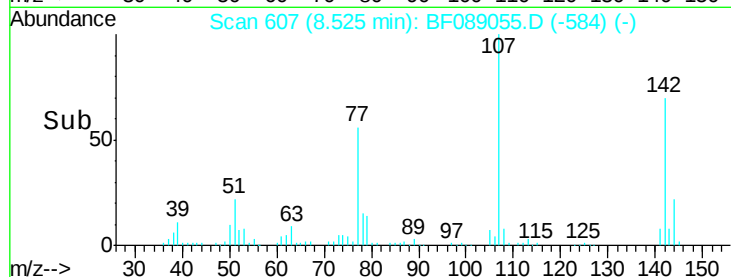


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



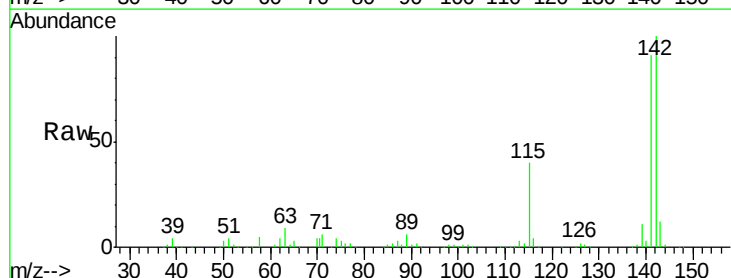
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7/18/2016 7:38:02 PM

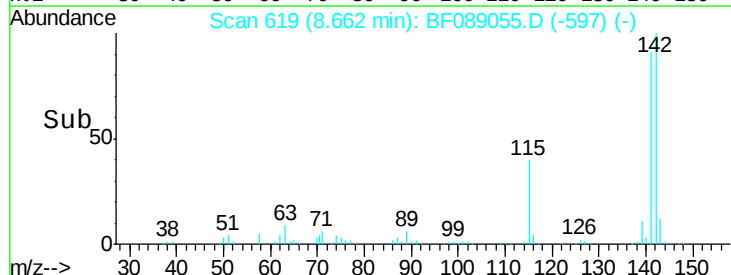
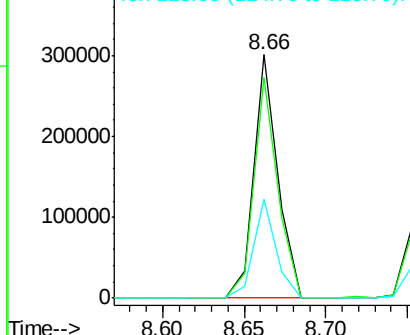


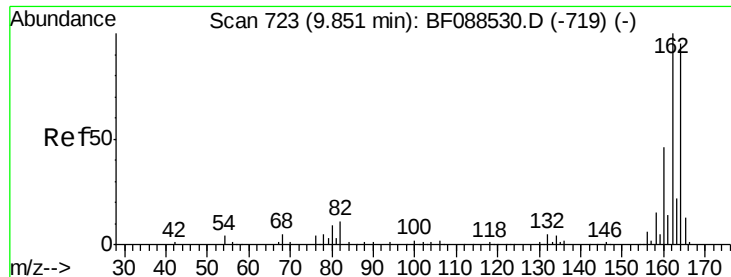
#37
2-Methylnaphthalene
Concen: 41.48 ng
RT: 8.66 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.0	106.6
115	40.5	22.6	33.8



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

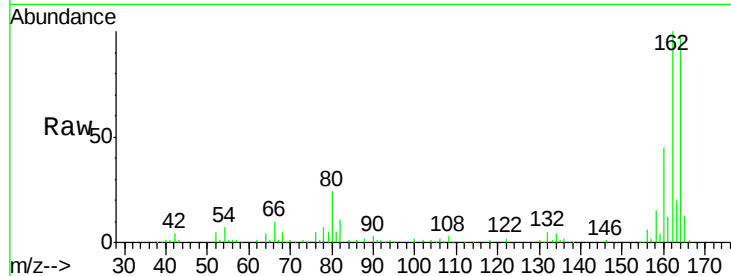




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.05 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.4	128.2
160	46.6	39.5	59.3

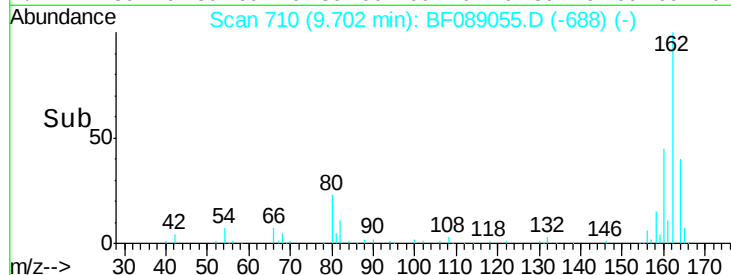
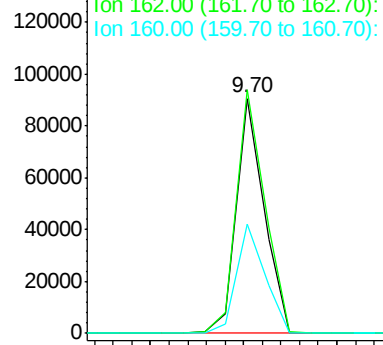


Abundance

Ion 164.00 (163.70 to 164.70): E

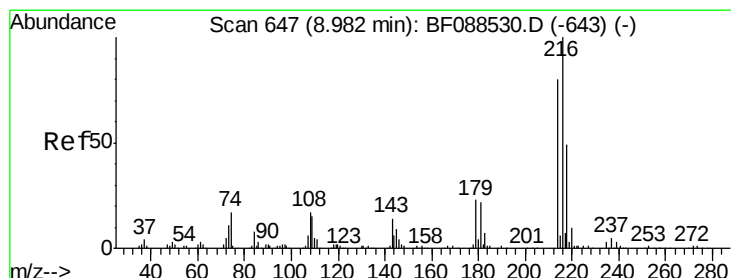
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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7/18/2016 7:38:02 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.50 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.05 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	2.9	4.3#
179	23.8	0.0	0.0#
108	21.2	0.5	0.7#

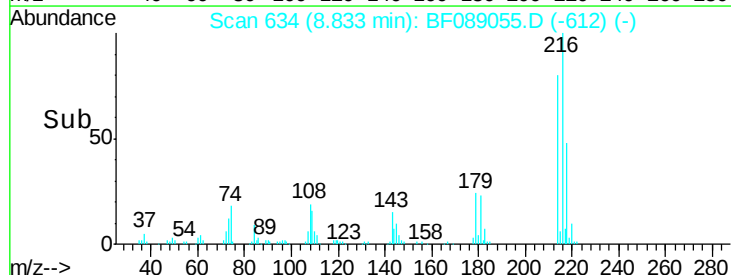
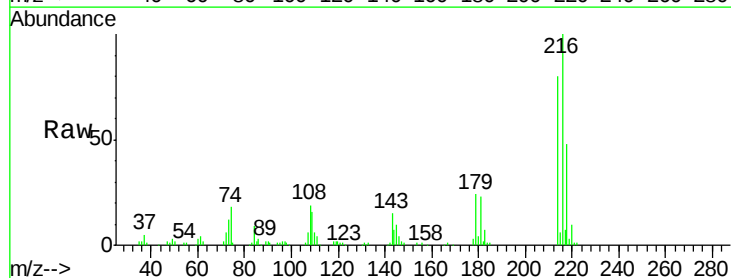
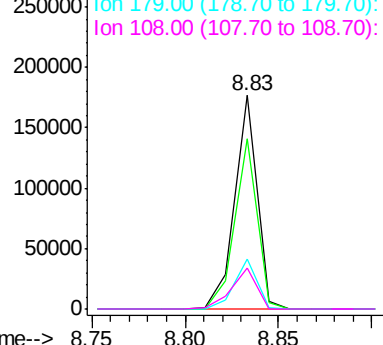
Abundance

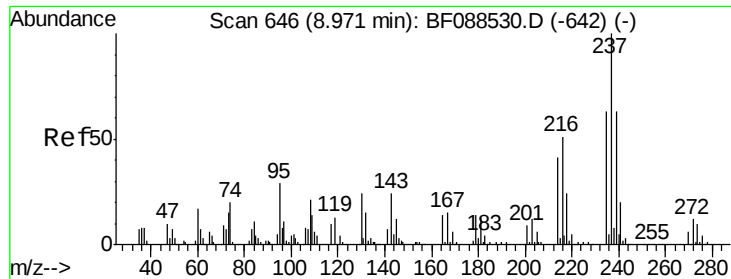
Ion 216.00 (215.70 to 216.70): E

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

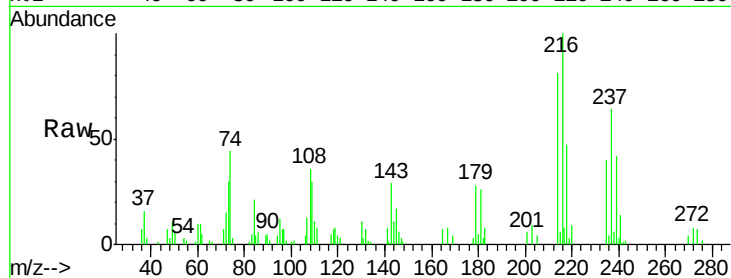




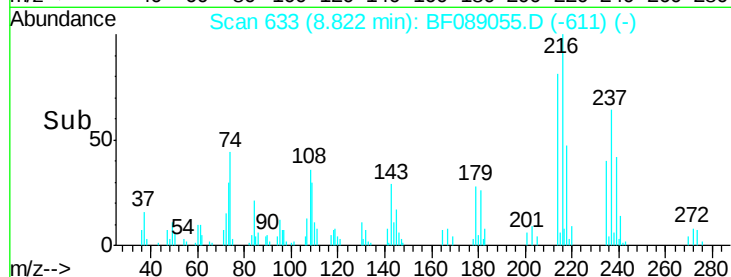
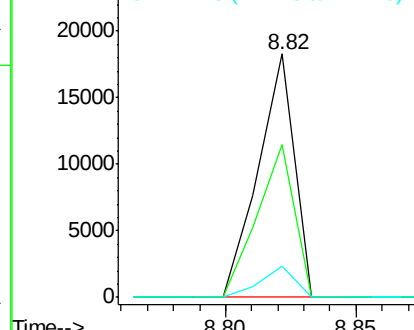
#40
Hexachlorocyclopentadiene
Concen: 11.79 ng
RT: 8.82 min Scan# 633
Delta R.T. -0.05 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.4	83.4
272	12.5	0.0	32.3

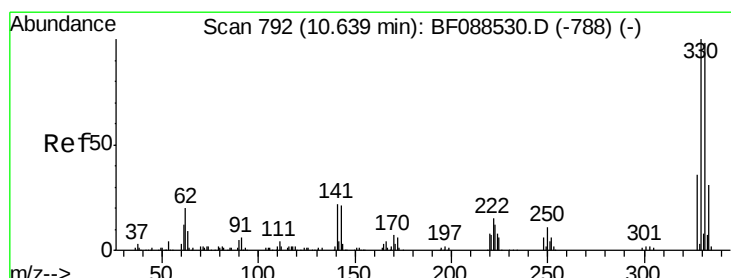


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



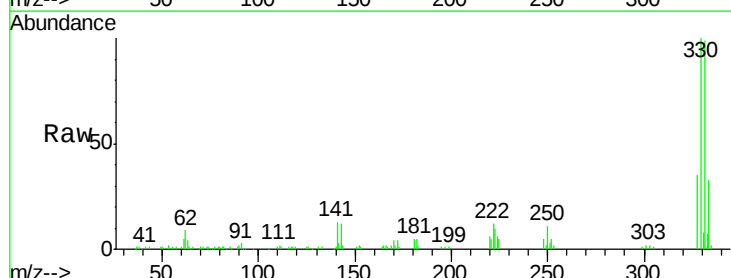
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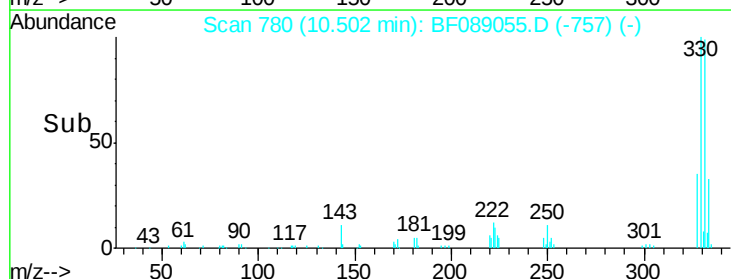
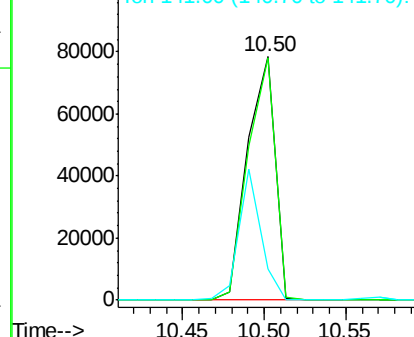


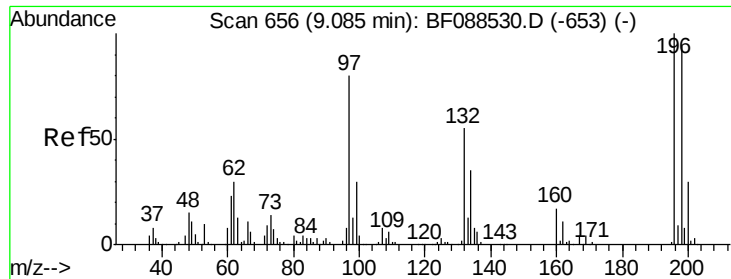
#41
2,4,6-Tribromophenol
Concen: 107.73 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	42.7	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

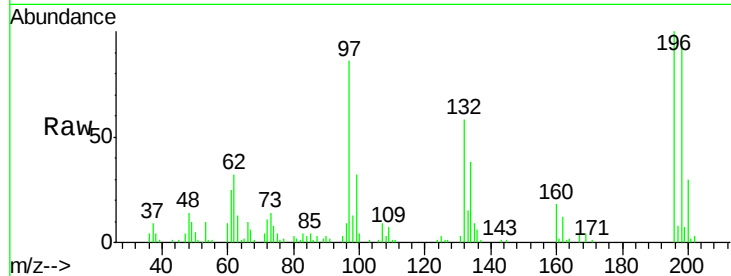




#42
 2,4,6-Trichlorophenol
 Concen: 42.76 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.05 min
 Lab File: BF089055.D
 Acq: 16 Jul 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2ft)MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	78.0	117.0
200	29.5	25.4	38.2

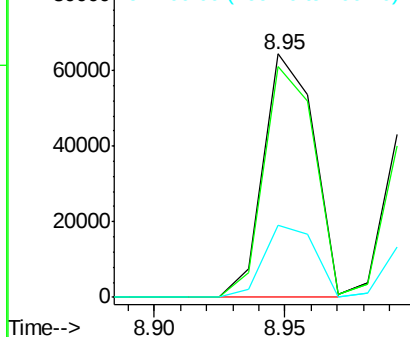


Abundance

Ion 196.00 (195.70 to 196.70): E

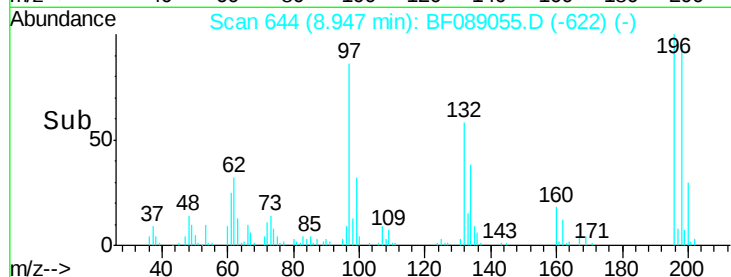
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



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7/18/2016 7:38:02 PM



#43
 2,4,5-Trichlorophenol
 Concen: 49.13 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF089055.D
 Acq: 16 Jul 2016 15:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.5	116.3
97	39.8	32.0	48.0
132	25.1	20.9	31.3

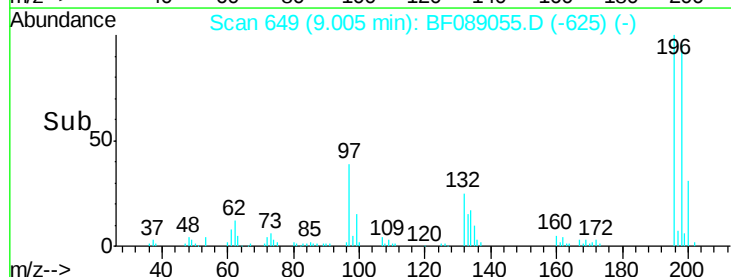
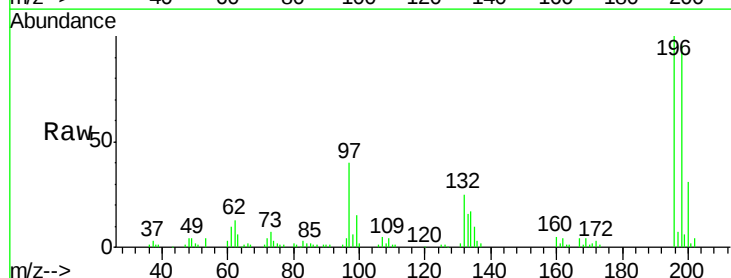
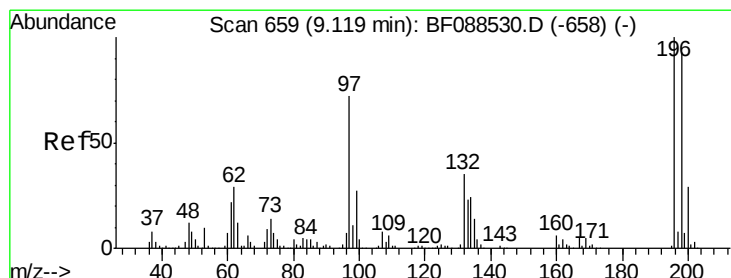
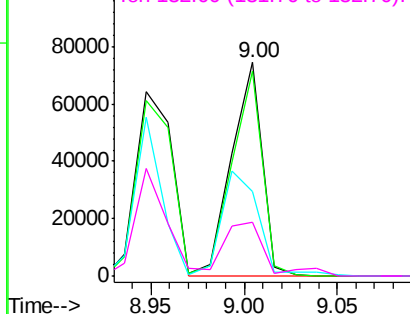
Abundance

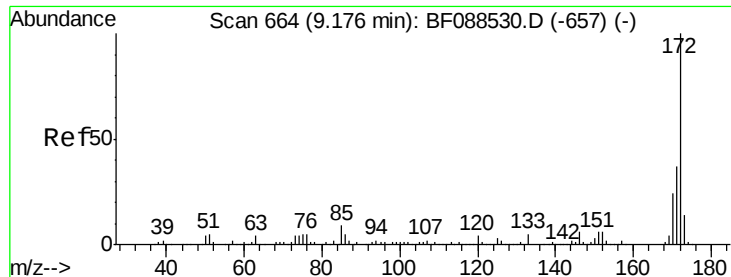
Ion 196.00 (195.70 to 196.70): E

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

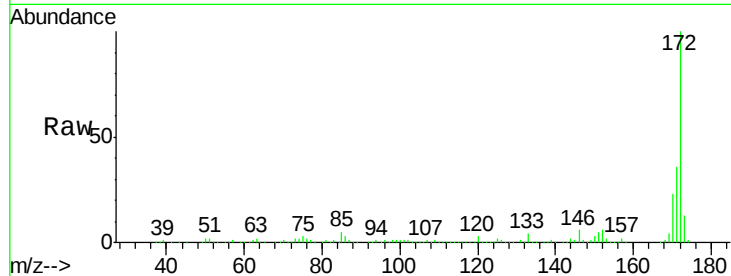




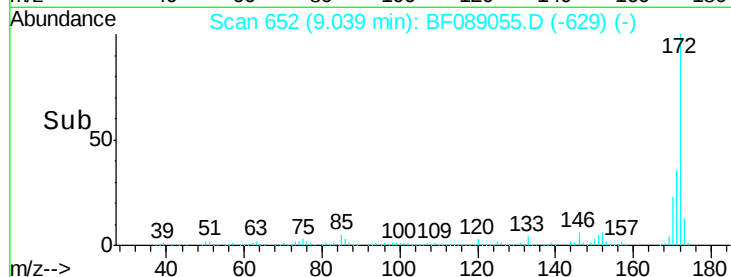
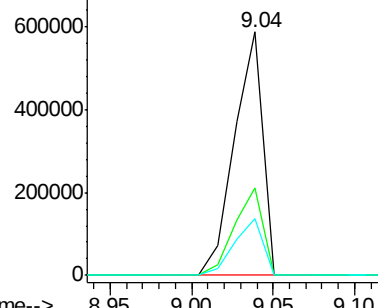
#44
2-Fluorobiphenyl
Concen: 121.51 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.4	19.2	28.8



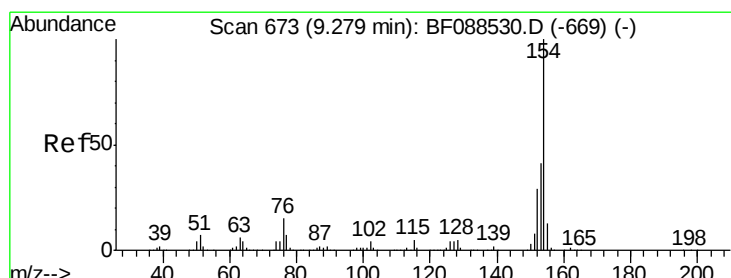
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



Time-->

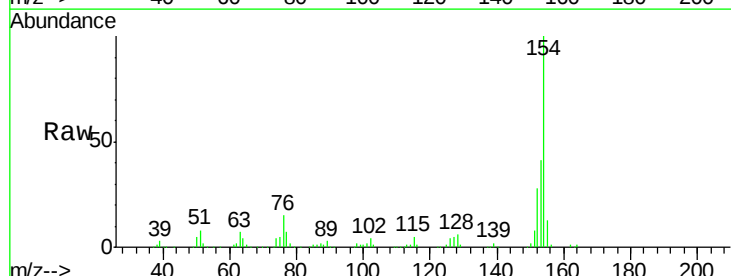
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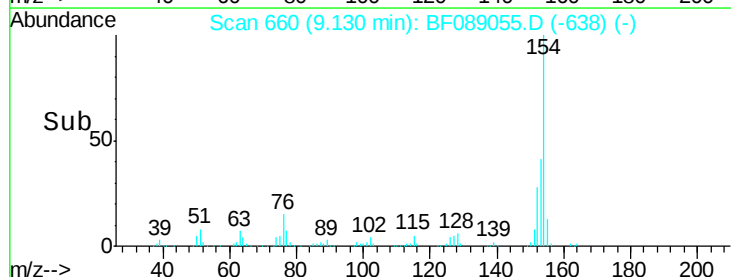
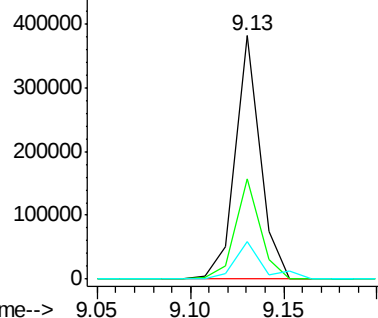


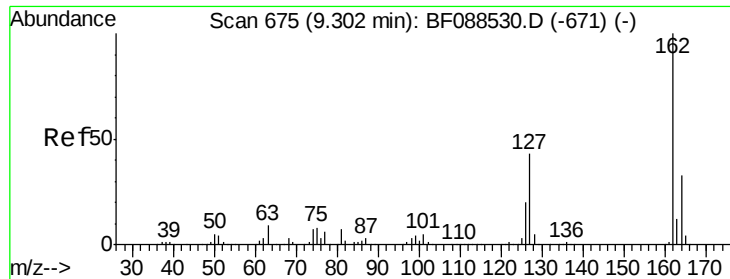
#45
1,1'-Biphenyl
Concen: 45.83 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.6	60.6
76	15.2	0.0	35.1



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

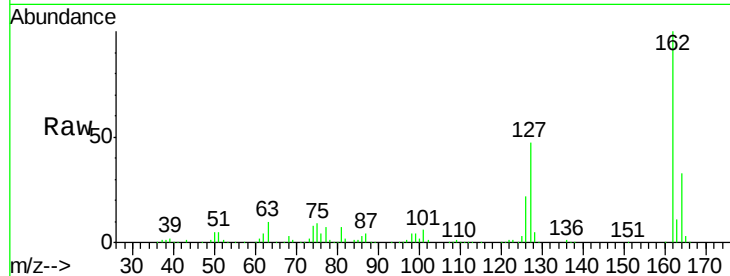




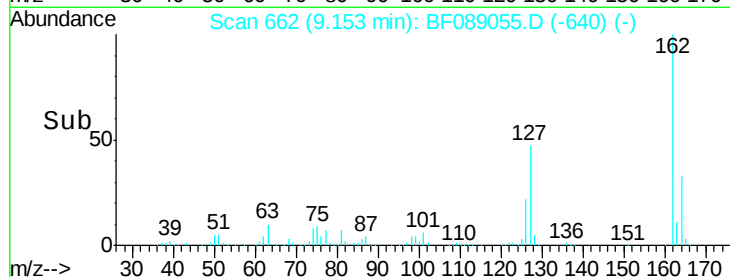
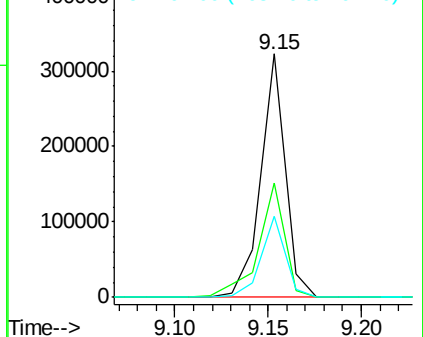
#46
2-Chloronaphthalene
Concen: 48.15 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.05 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	46.8	35.2	52.8
164	33.3	26.6	39.8

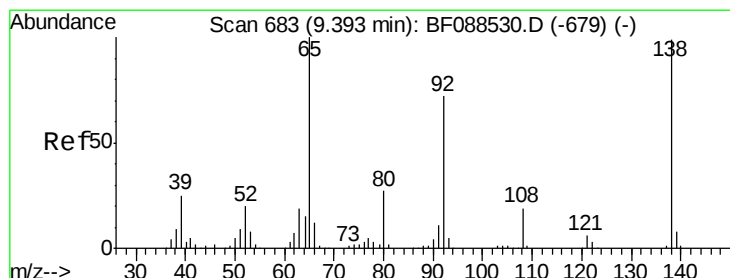


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



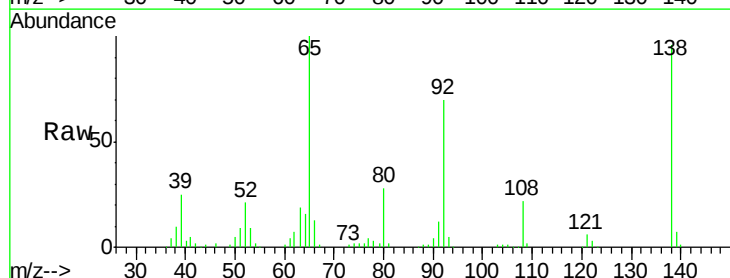
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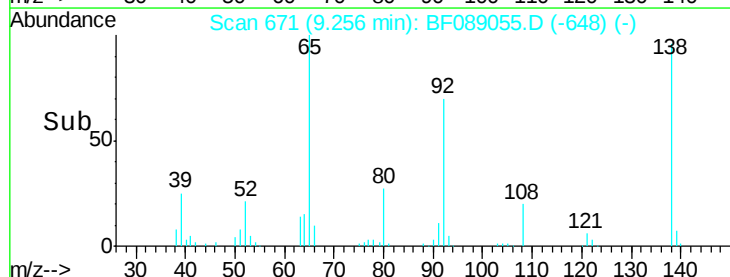
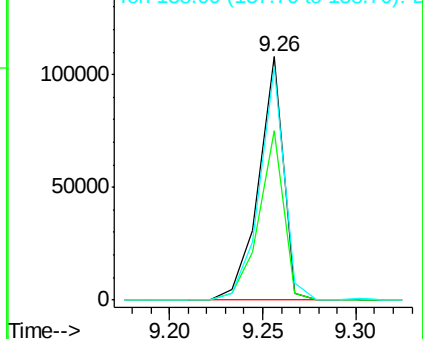


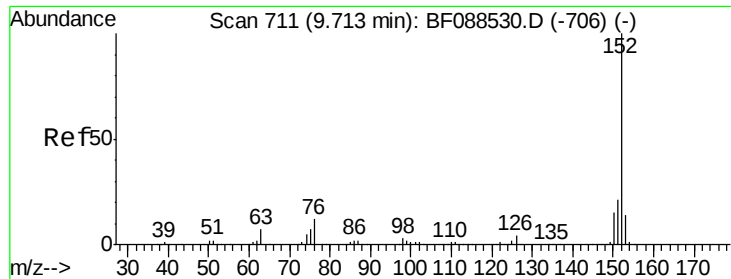
#47
2-Nitroaniline
Concen: 47.11 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	54.6	82.0
138	96.0	77.0	115.4



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





#48

Acenaphthylene

Concen: 45.30 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MSD

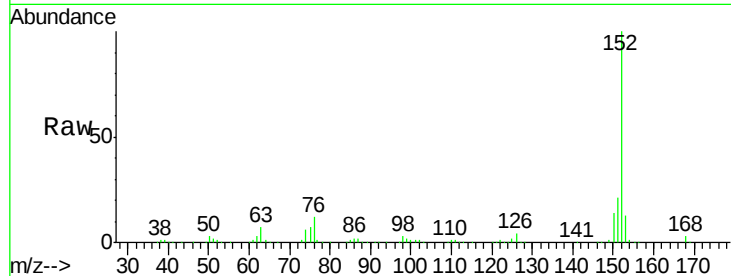
Tot Ion:152 Resp: 433108

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

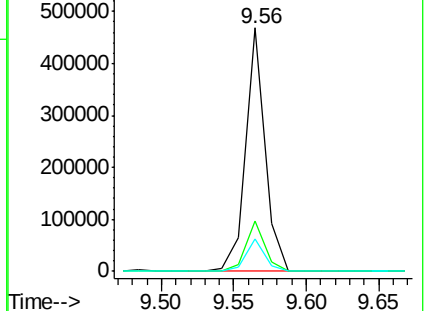
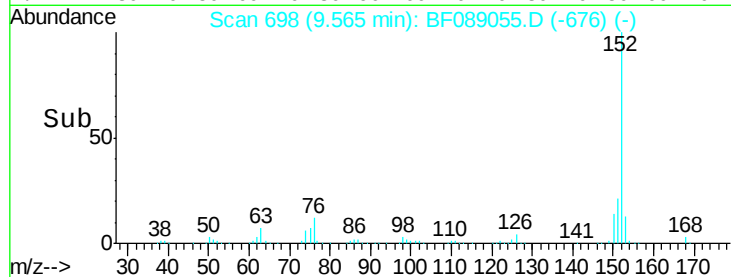
153 13.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

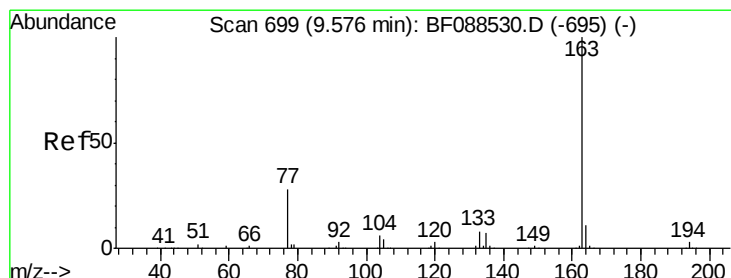
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



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7/18/2016 7:38:02 PM



#49

Dimethylphthalate

Concen: 117.41 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

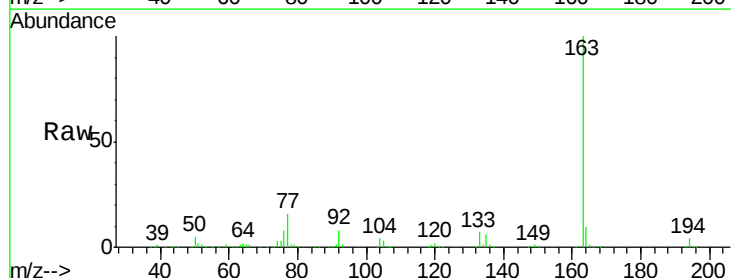
Tgt Ion:163 Resp: 773262

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

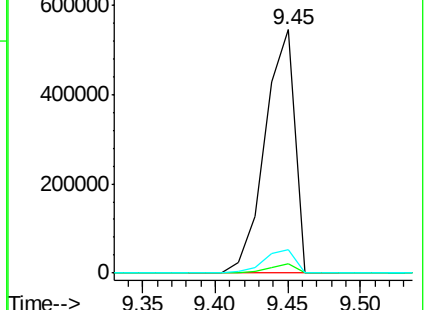
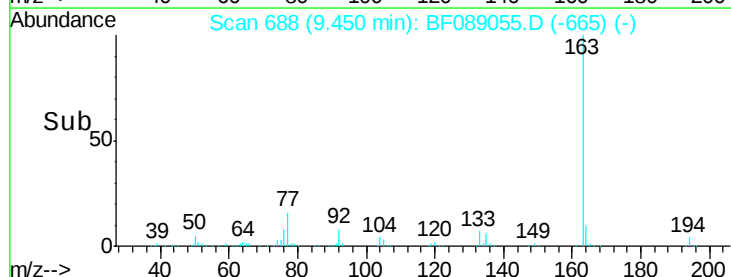
164 9.8 8.3 12.5

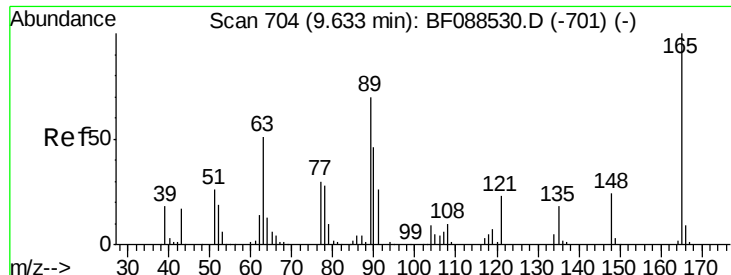


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

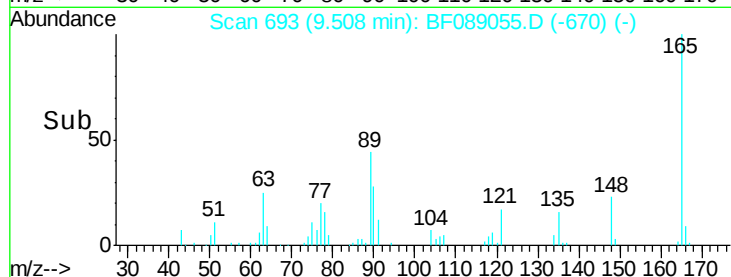
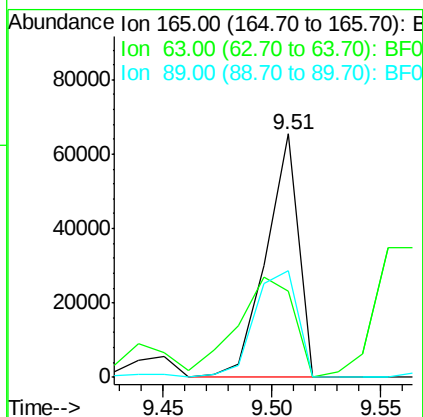
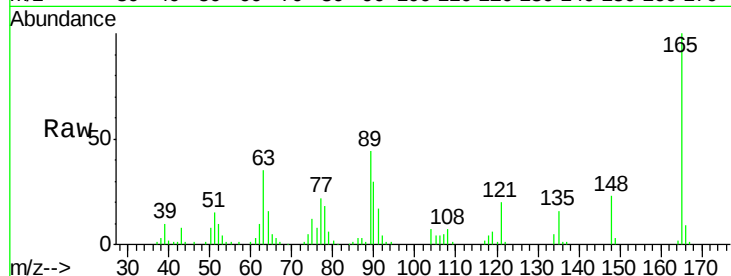




#50
2,6-Dinitrotoluene
Concen: 47.10 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

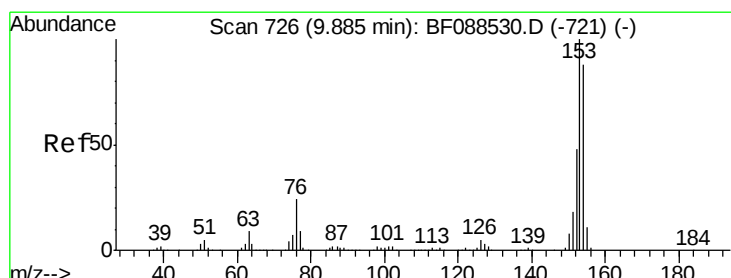
Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.3	28.1	42.1
89	43.7	32.2	48.2



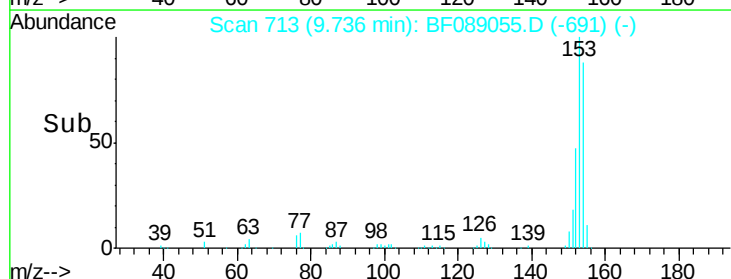
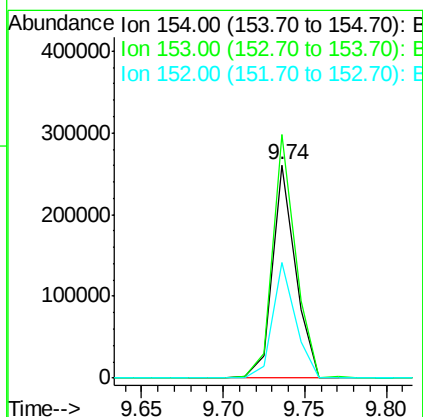
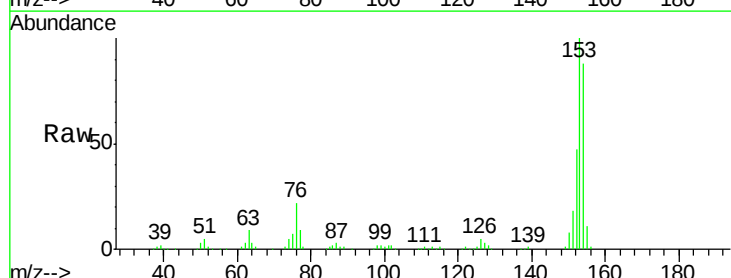
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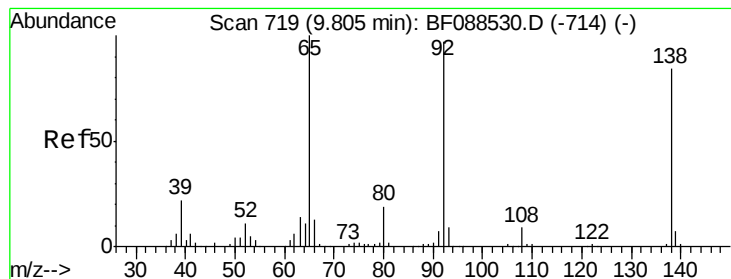
7/18/2016 7:38:02 PM



#51
Acenaphthene
Concen: 43.85 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.05 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.5	134.3
152	54.0	42.7	64.1





#52

3-Nitroaniline

Concen: 36.43 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.03 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MSD

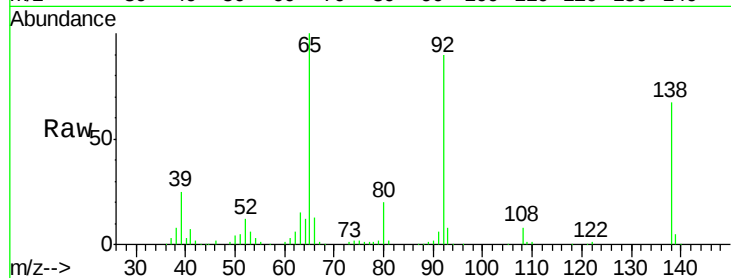
Tot Ion:138 Resp: 67600

Ion Ratio Lower Upper

138 100

108 11.9 8.5 12.7

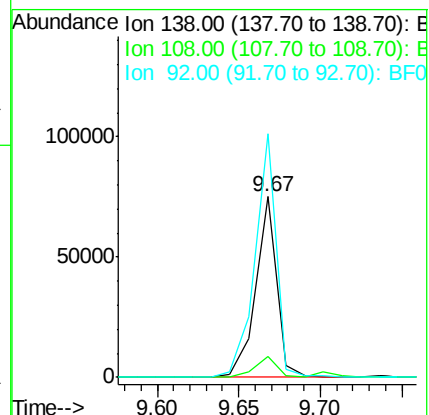
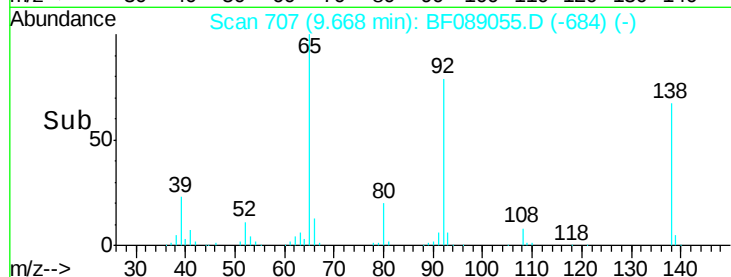
92 134.7 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

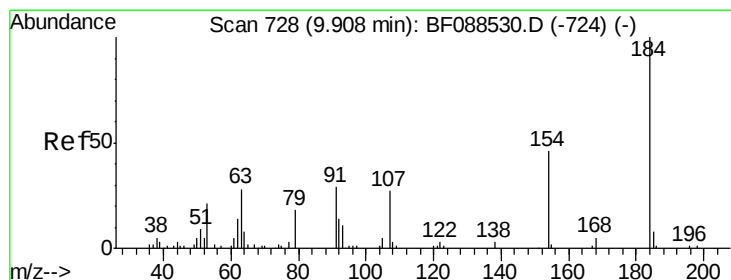
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



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7/18/2016 7:38:02 PM



#53

2,4-Dinitrophenol

Concen: 2.18 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

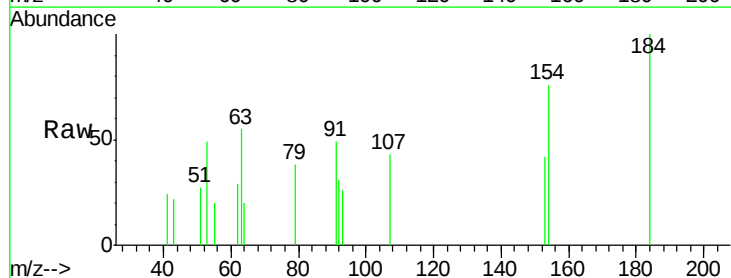
Tgt Ion:184 Resp: 1408

Ion Ratio Lower Upper

184 100

63 55.4 57.6 86.4#

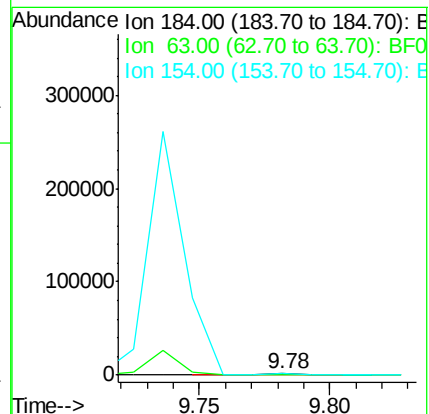
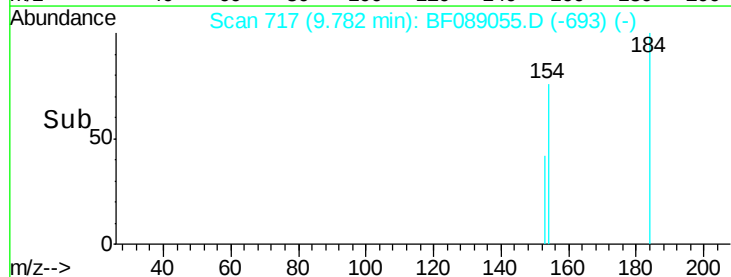
154 76.5 53.5 80.3

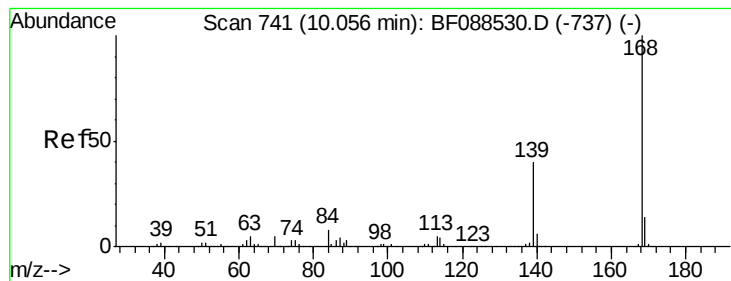


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 48.22 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.05 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MSD

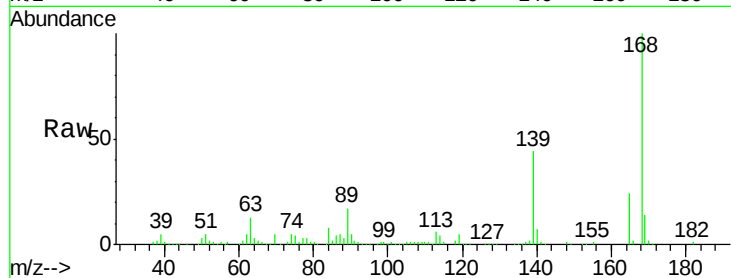
Tot Ion:168 Resp: 369920

Ion Ratio Lower Upper

168 100

139 44.1 26.4 39.6#

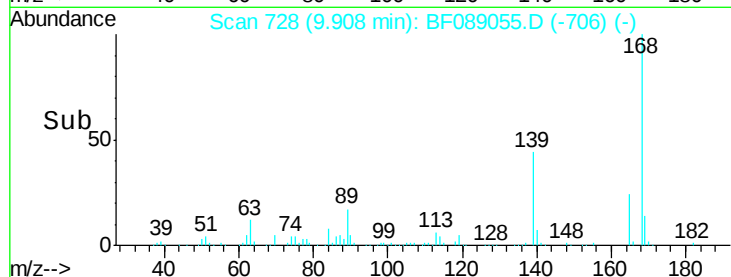
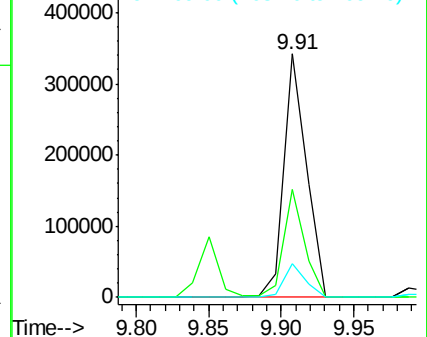
169 13.7 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

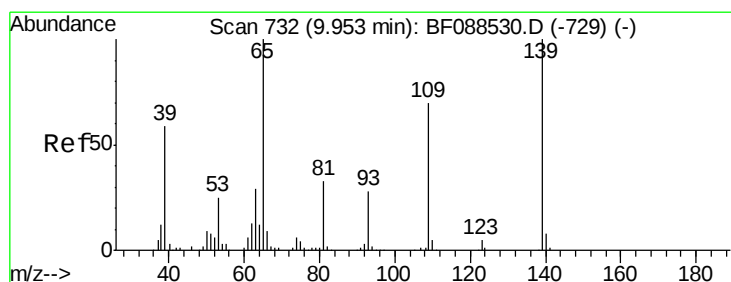
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



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7/18/2016 7:38:02 PM



#55

4-Nitrophenol

Concen: 57.92 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

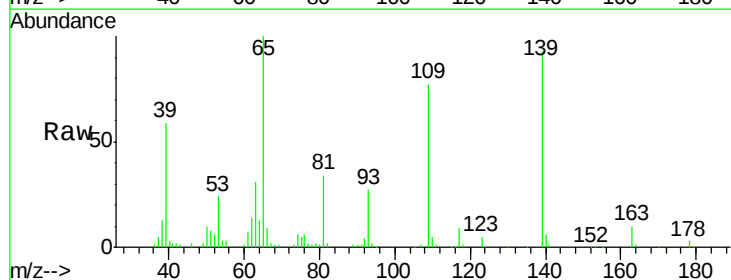
Tgt Ion:139 Resp: 81674

Ion Ratio Lower Upper

139 100

109 82.6 48.9 88.9

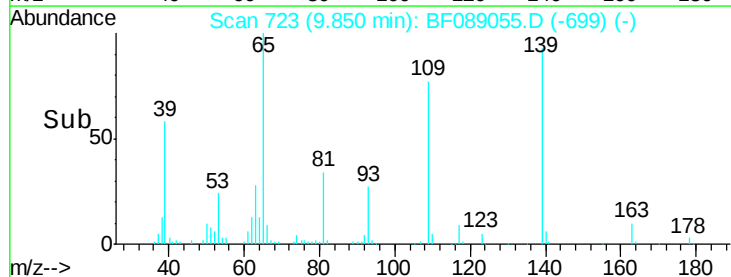
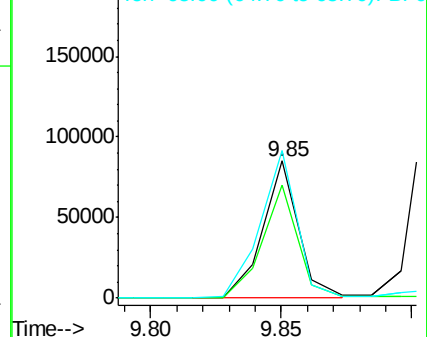
65 107.8 84.9 124.9

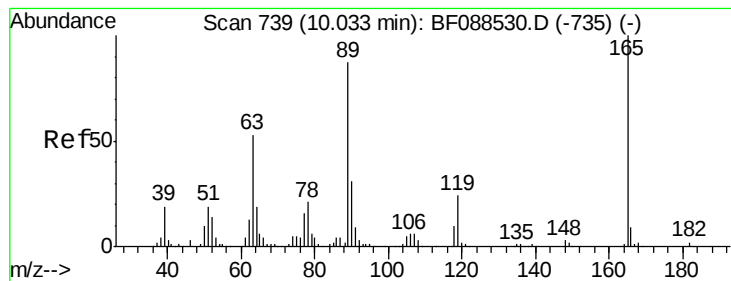


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

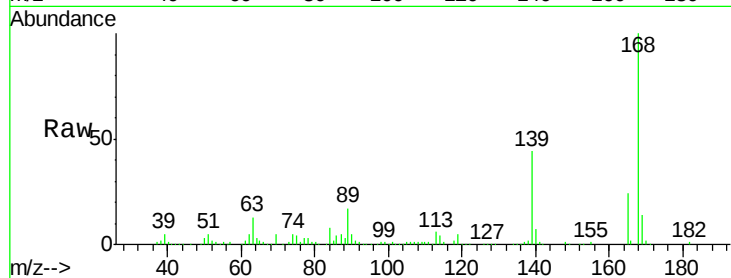




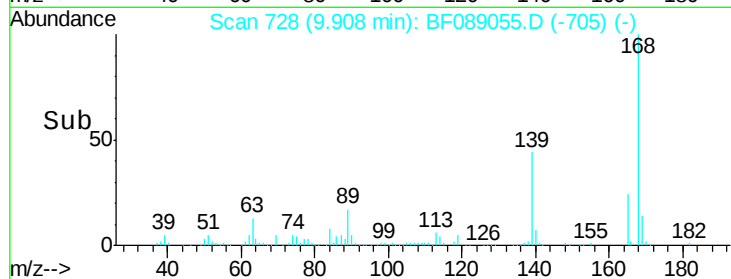
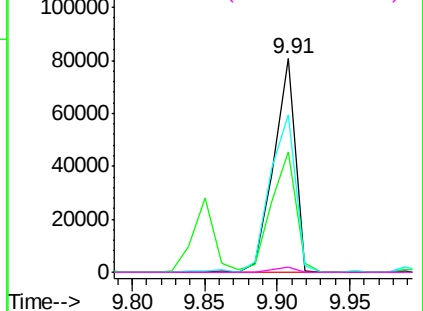
#56
2,4-Dinitrotoluene
Concen: 43.75 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion:165	Resp:	83488
Ion Ratio	Lower	Upper
165	100	
63	56.5	22.0 33.0#
89	73.8	41.1 61.7#
182	2.6	2.0 3.0

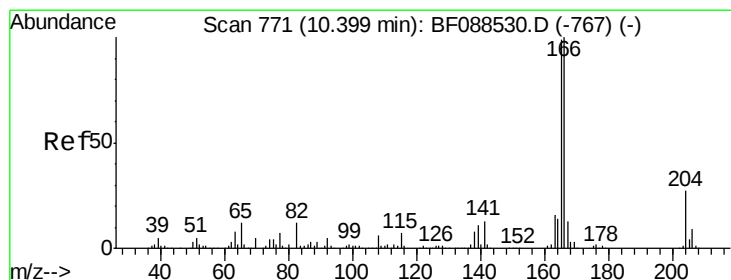


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E



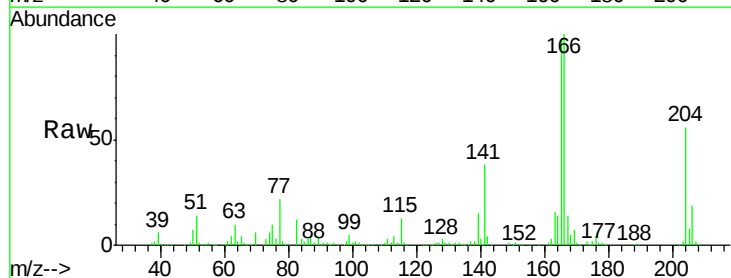
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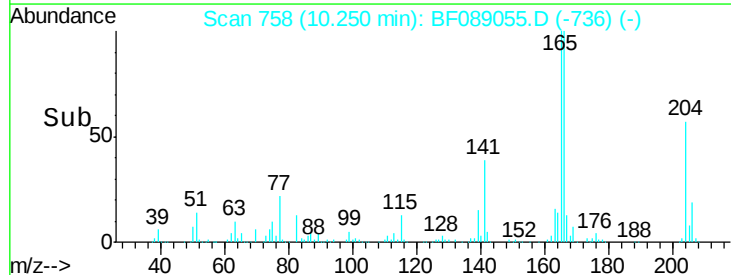
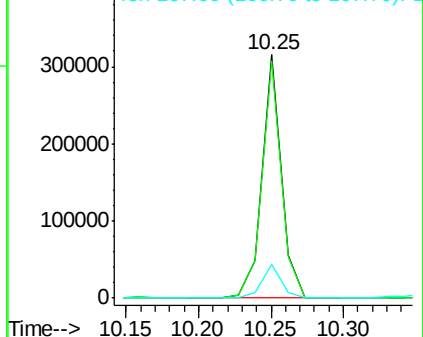


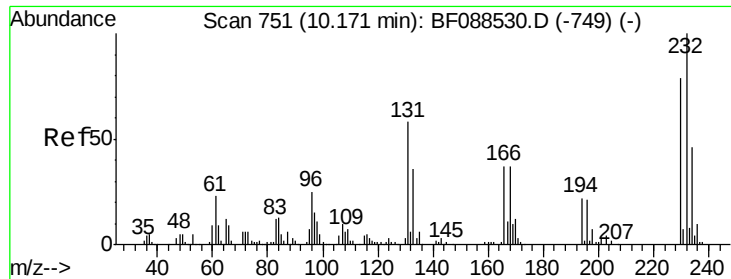
#57
Fluorene
Concen: 49.14 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.05 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion:166	Resp:	290510
Ion Ratio	Lower	Upper
166	100	
165	97.5	77.8 116.8
167	13.7	11.2 16.8



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

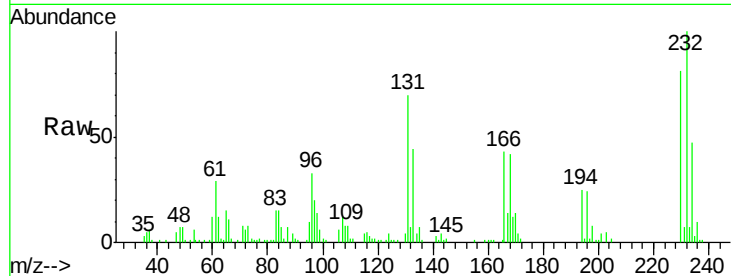




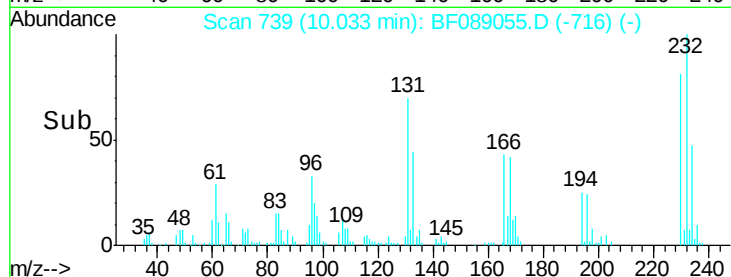
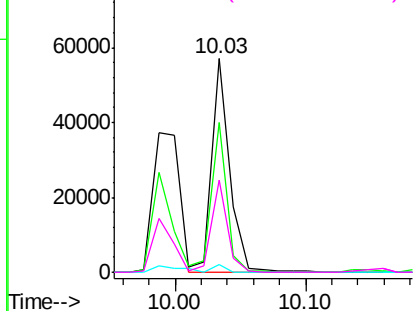
#58
2,3,4,6-Tetrachlorophenol
Concen: 40.55 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion:232 Resp: 54725
Ion Ratio Lower Upper
232 100
131 61.0 0.9 1.3#
130 2.7 1.5 2.3#
166 38.2 0.5 0.7#

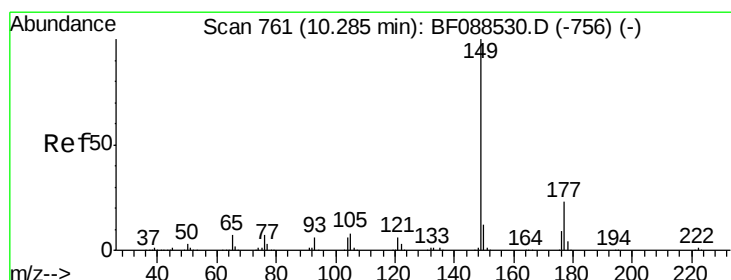


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



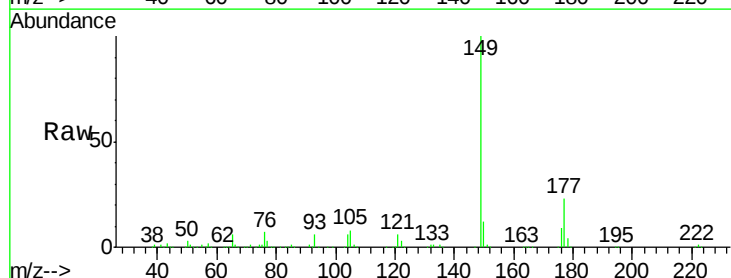
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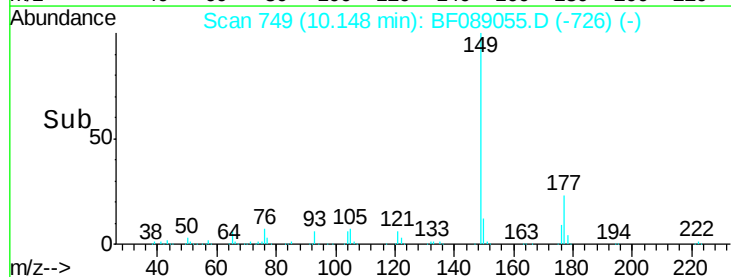
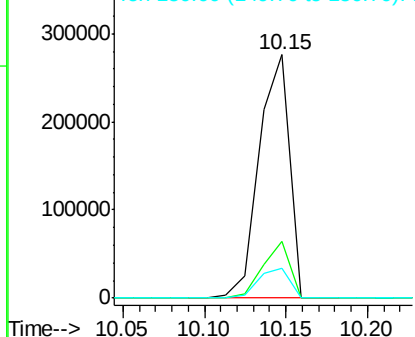


#59
Diethylphthalate
Concen: 53.81 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion:149 Resp: 355661
Ion Ratio Lower Upper
149 100
177 23.3 16.9 25.3
150 12.1 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

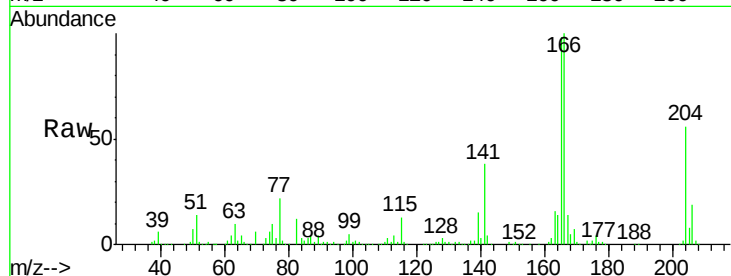




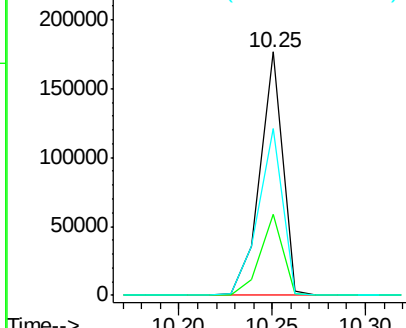
#60
 4-Chlorophenyl-phenylether
 Concen: 53.88 ng
 RT: 10.25 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF089055.D
 Acq: 16 Jul 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2ft)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.3	39.5
141	68.4	55.0	82.6

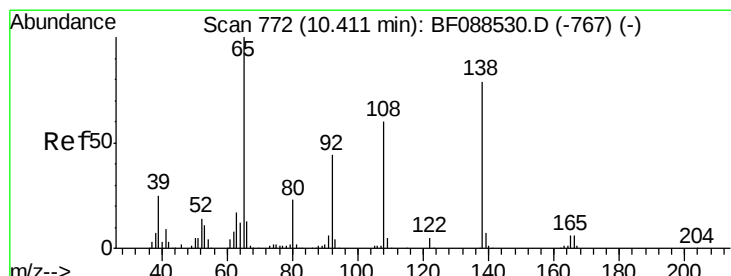
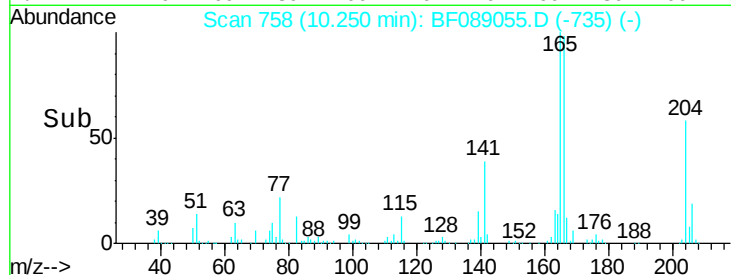


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E



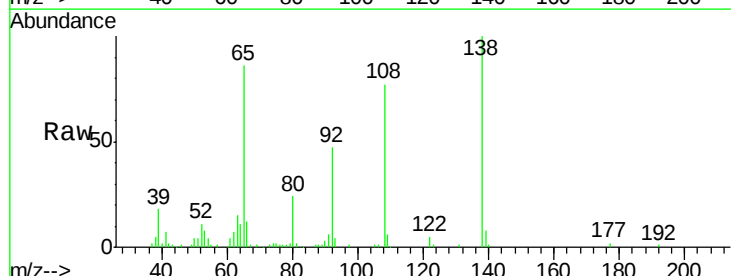
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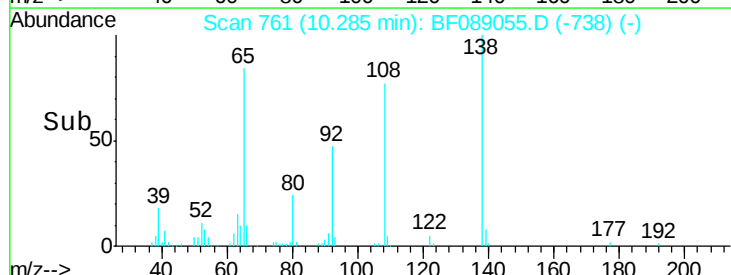
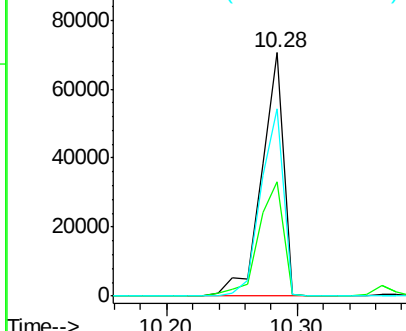


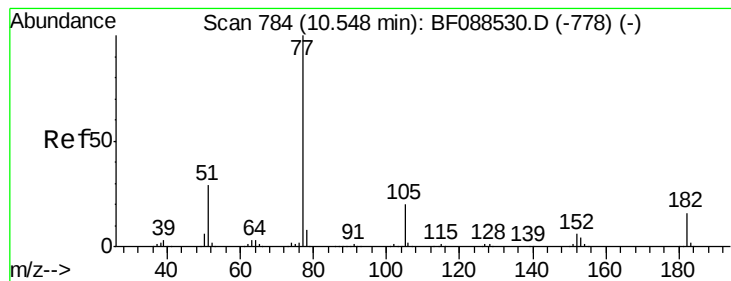
#61
 4-Nitroaniline
 Concen: 46.44 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.03 min
 Lab File: BF089055.D
 Acq: 16 Jul 2016 15:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	27.3	67.3
108	77.1	46.7	86.7



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: 48.87 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MSD

Tot Ion: 77 Resp: 368452

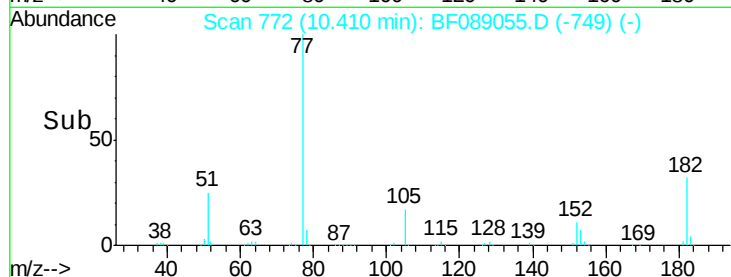
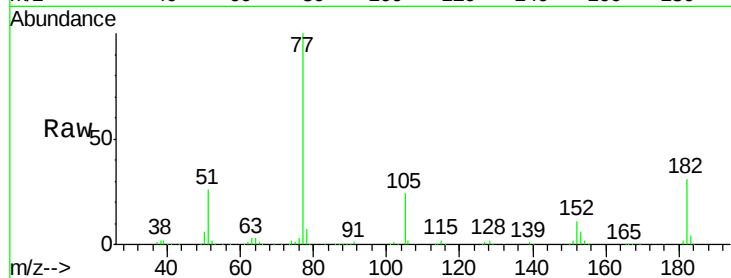
Ion Ratio Lower Upper

77 100

182 31.3 4.4 44.4

105 23.7 3.8 43.8

51 25.9 9.3 49.3

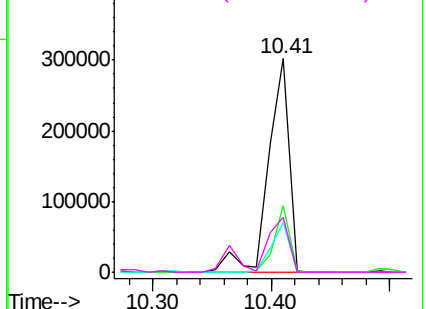


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

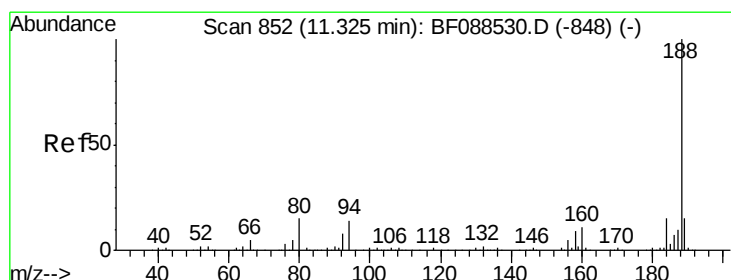
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



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7/18/2016 7:38:02 PM



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.03 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

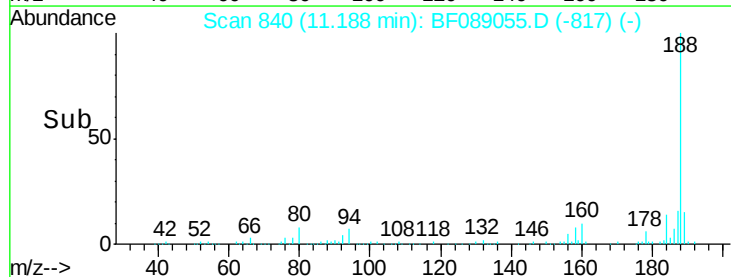
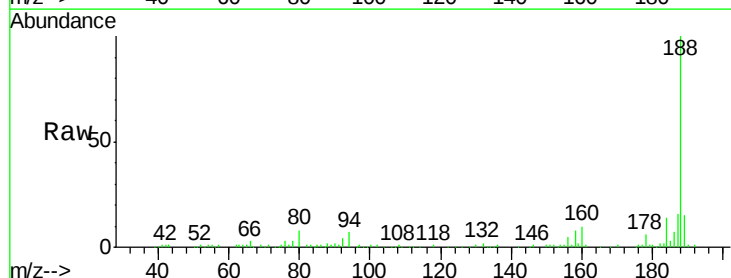
Tgt Ion: 188 Resp: 147573

Ion Ratio Lower Upper

188 100

94 7.2 9.0 13.6#

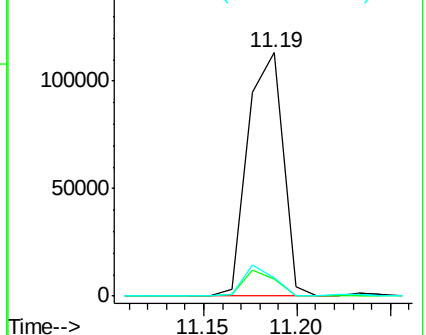
80 7.7 10.0 15.0#

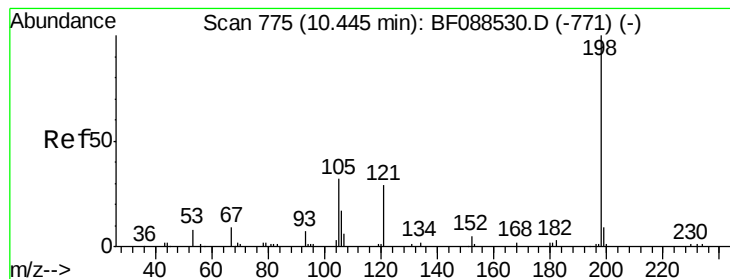


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 3.62 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MSD

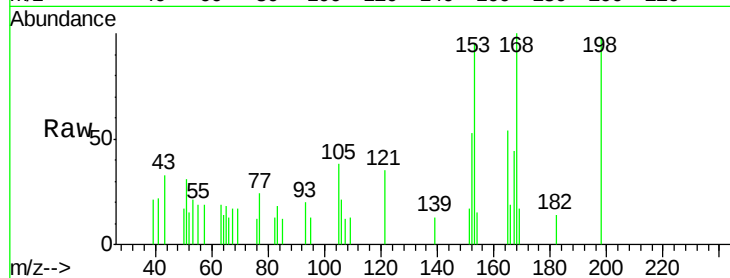
Tot Ion:198 Resp: 2861

Ion Ratio Lower Upper

198 100

51 31.3 39.6 79.6#

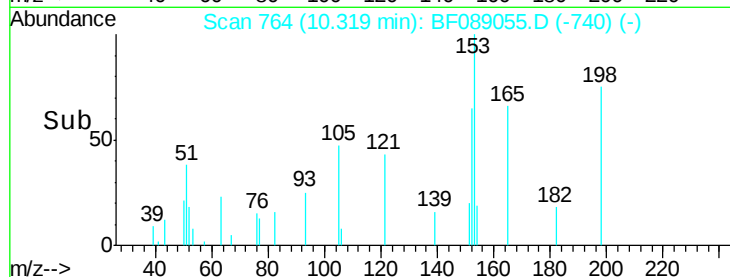
105 39.2 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

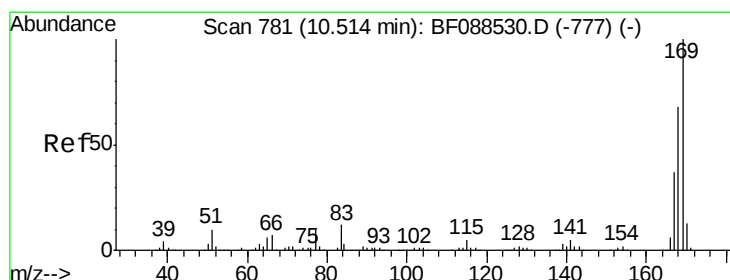
Ion 105.00 (104.70 to 105.70): E



Time-->

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7/18/2016 7:38:02 PM



#65

n-Nitrosodiphenylamine

Concen: 51.06 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

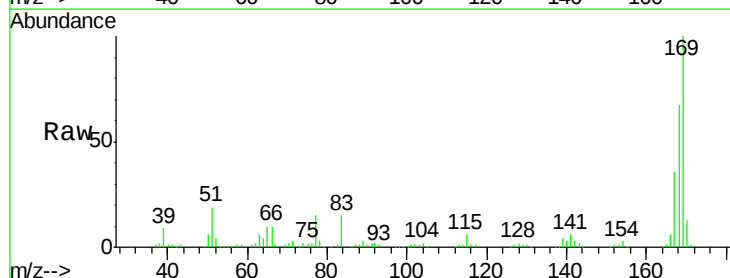
Tgt Ion:169 Resp: 254998

Ion Ratio Lower Upper

169 100

168 66.8 53.4 80.0

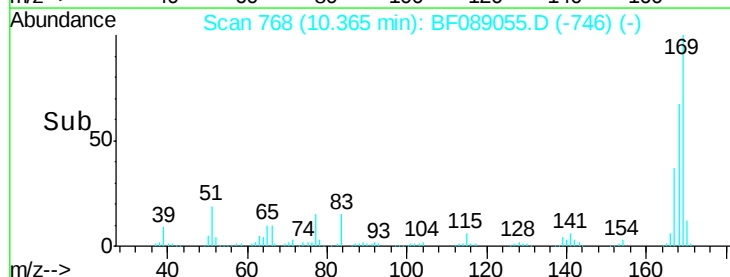
167 36.4 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



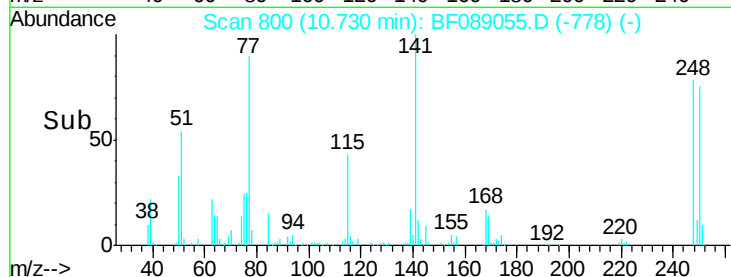
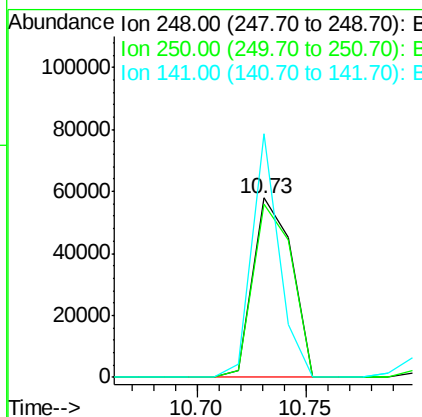
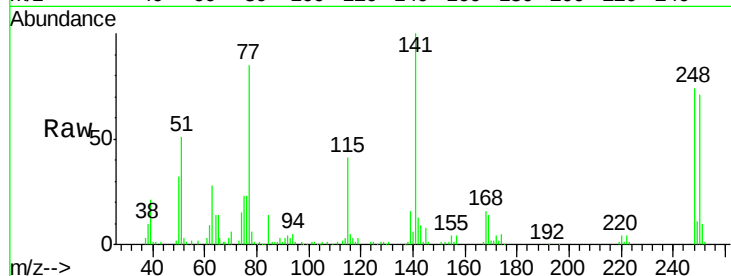
Time-->



#66
4-Bromophenyl-phenylether
Concen: 48.44 ng
RT: 10.73 min Scan# 800
Delta R.T. -0.05 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

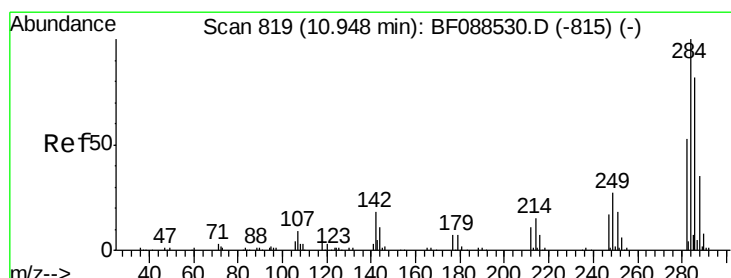
Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion:248 Resp: 72041
Ion Ratio Lower Upper
248 100
250 97.0 77.1 115.7
141 136.0 50.6 76.0#



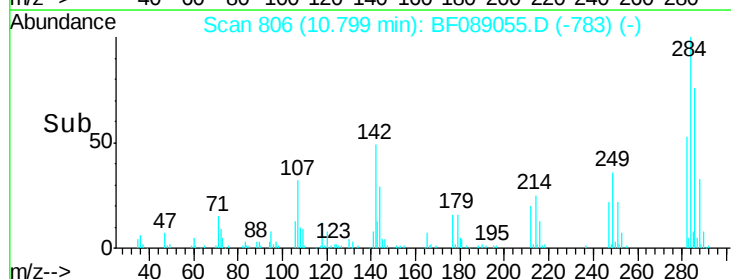
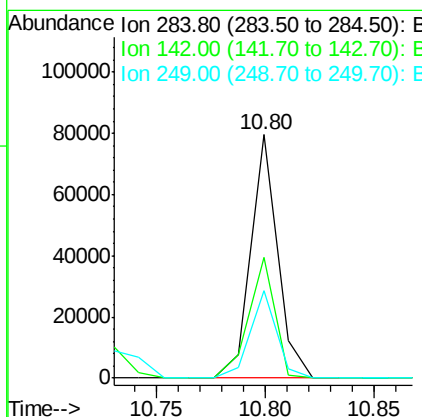
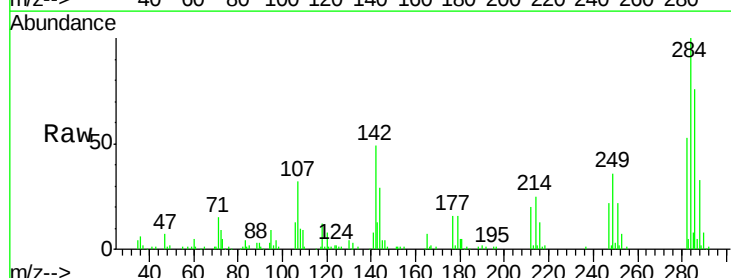
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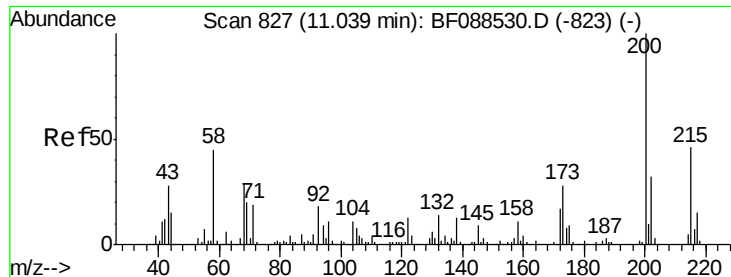
7/18/2016 7:38:02 PM



#67
Hexachlorobenzene
Concen: 41.48 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion:284 Resp: 68286
Ion Ratio Lower Upper
284 100
142 49.4 35.8 53.8
249 36.0 25.8 38.6

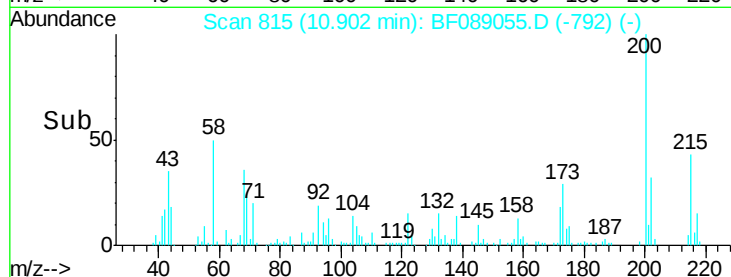
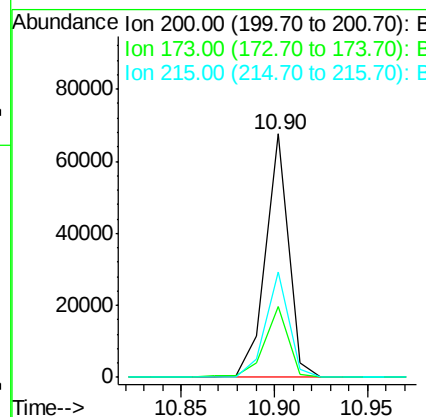
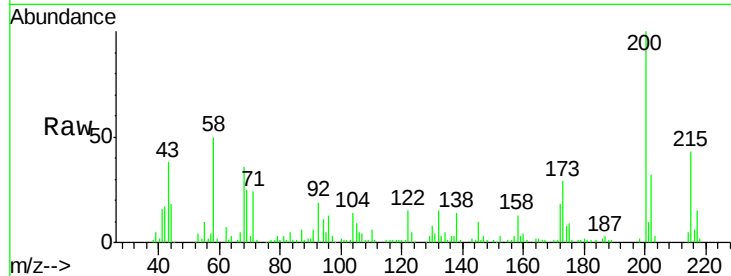




#68
Atrazine
Concen: 36.84 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

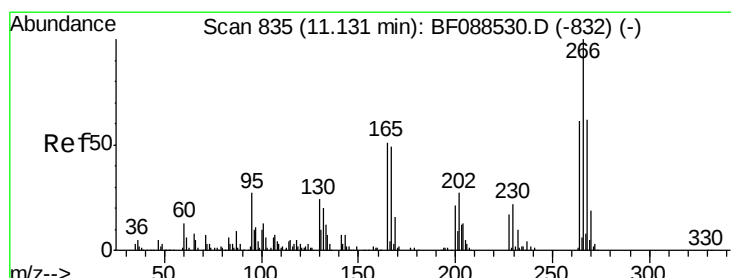
Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.9	4.0	44.0
215	43.2	29.3	69.3



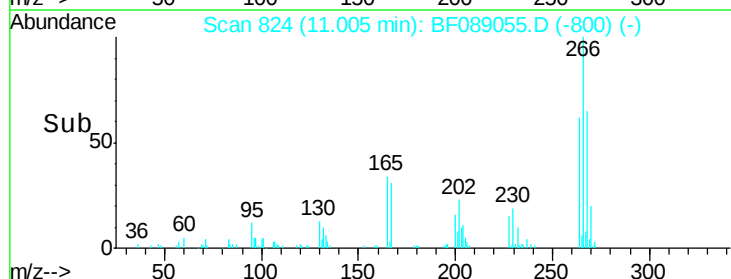
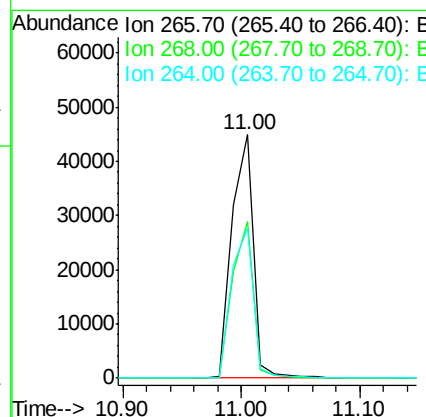
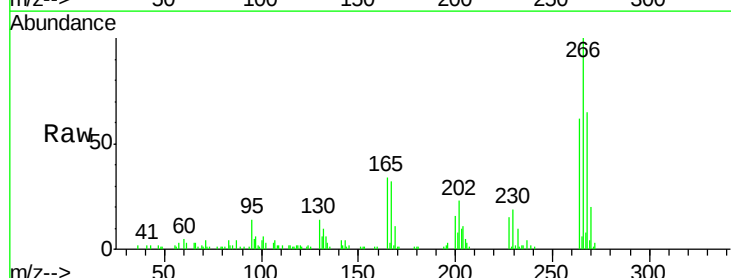
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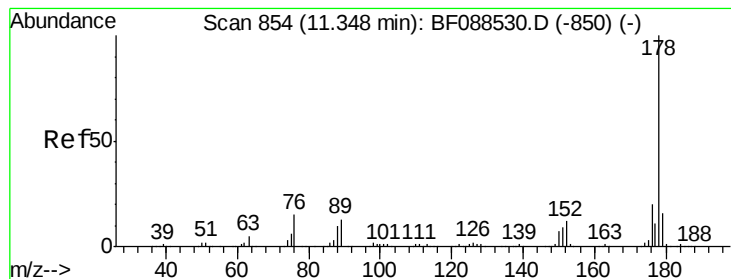
7/18/2016 7:38:02 PM



#69
Pentachlorophenol
Concen: 57.59 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.8	79.2
264	61.7	49.6	74.4





#70

Phenanthrene

Concen: 78.75 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.03 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MSD

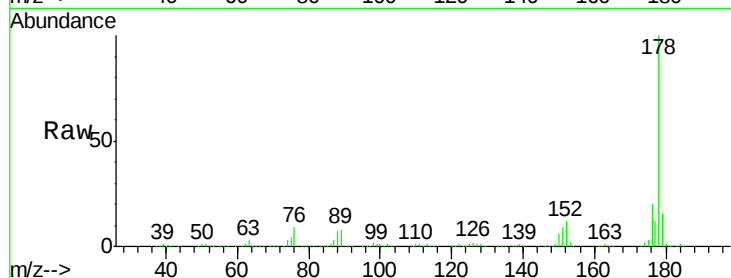
Tot Ion:178 Resp: 635248

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

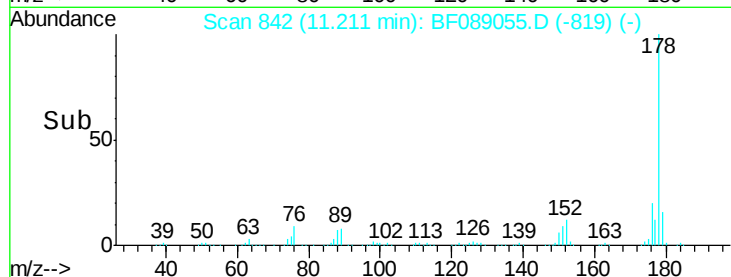
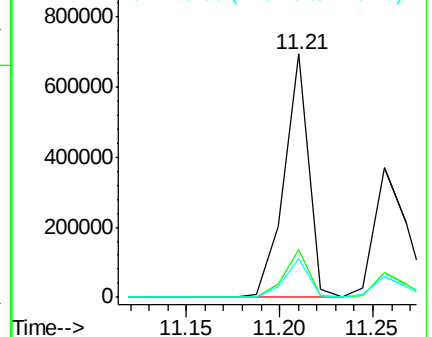
179 15.7 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

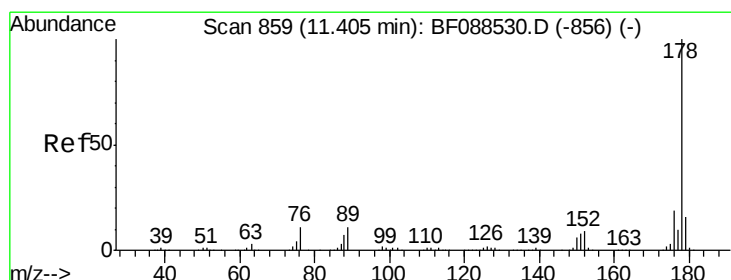
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



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7/18/2016 7:38:02 PM



#71

Anthracene

Concen: 52.47 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.05 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

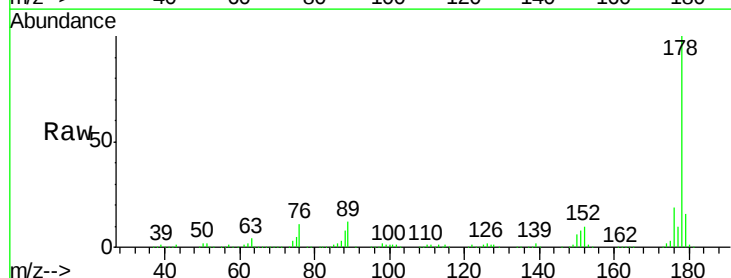
Tgt Ion:178 Resp: 420906

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

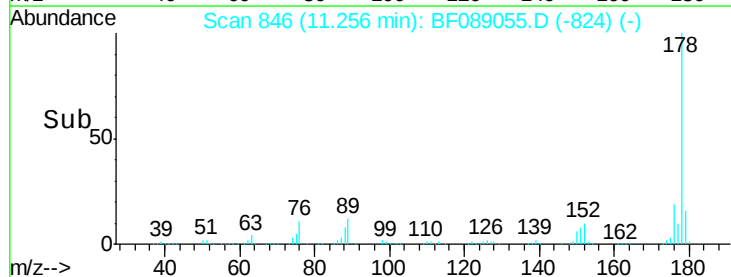
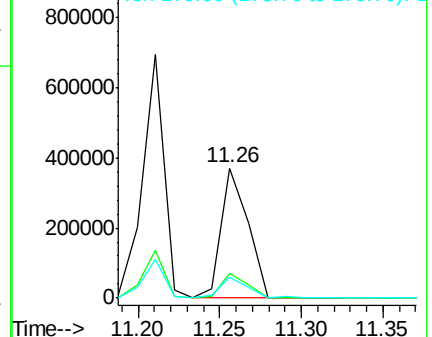
179 16.0 12.8 19.2

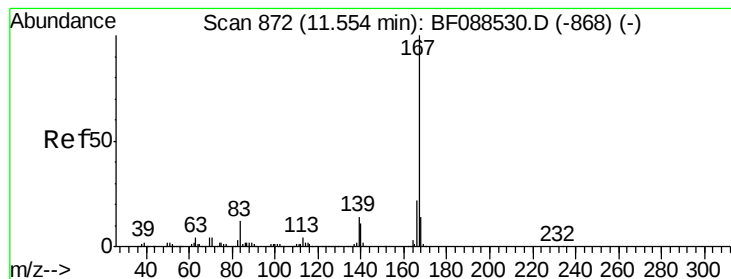


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 45.19 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

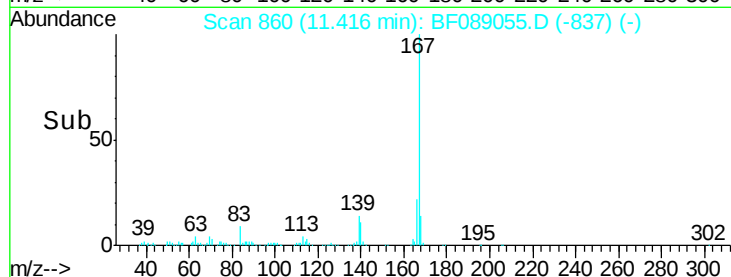
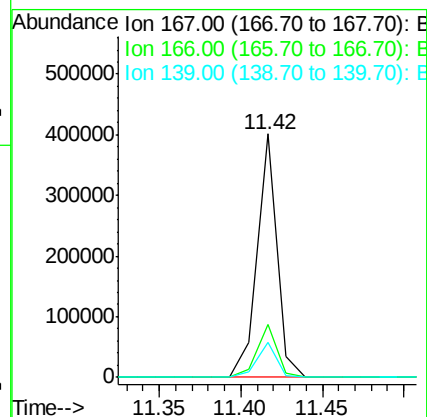
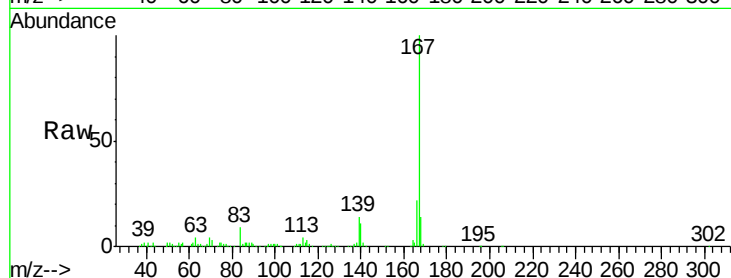
Instrument :

BNA_F

ClientSampleId :

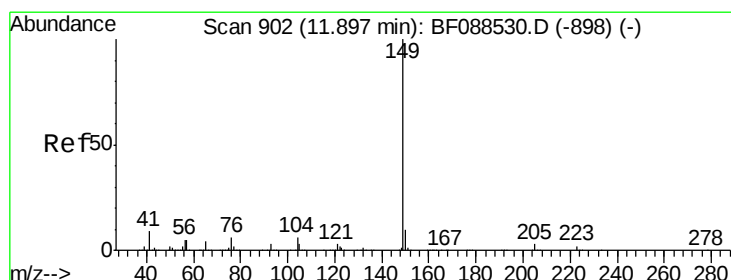
LSS-SB-SB05(0-2ft)MSD

Tot Ion:167	Resp:	341137
Ion Ratio	Lower	Upper
167	100	
166	21.9	17.8 26.6
139	14.4	11.2 16.8



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#73

Di-n-butylphthalate

Concen: 56.68 ng

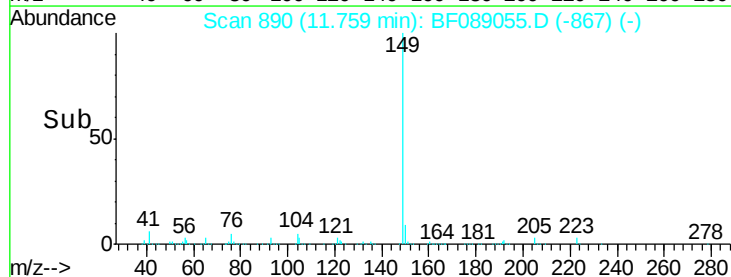
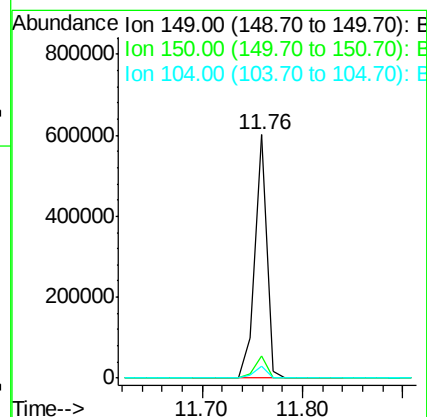
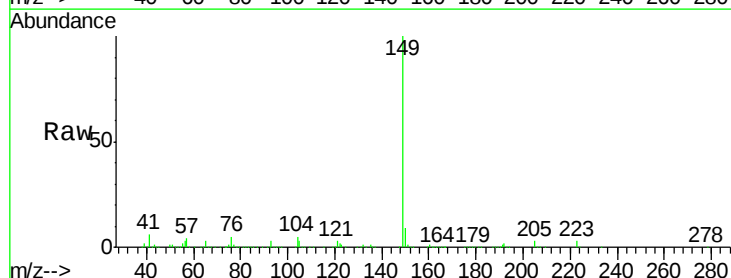
RT: 11.76 min Scan# 890

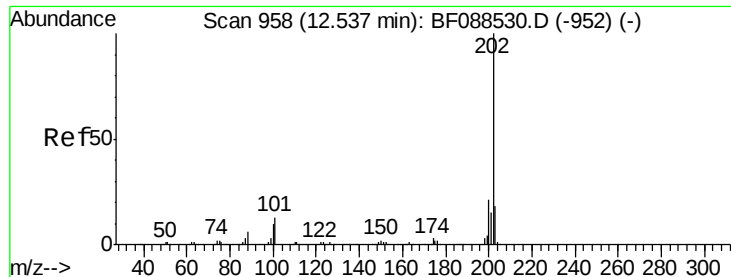
Delta R.T. -0.03 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

Tgt Ion:149	Resp:	497755
Ion Ratio	Lower	Upper
149	100	
150	9.1	7.8 11.6
104	5.1	4.0 6.0





#74

Fluoranthene

Concen: 103.37 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

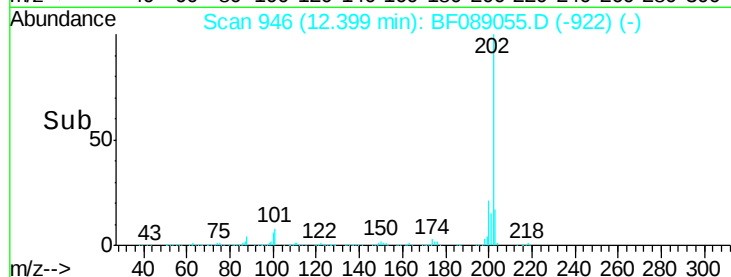
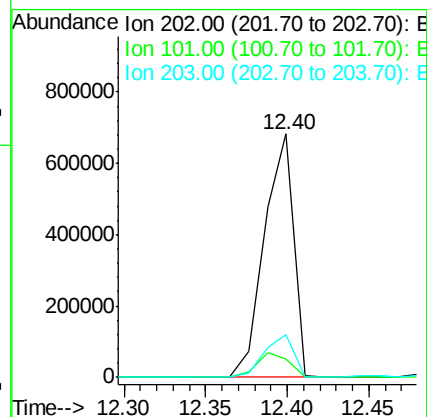
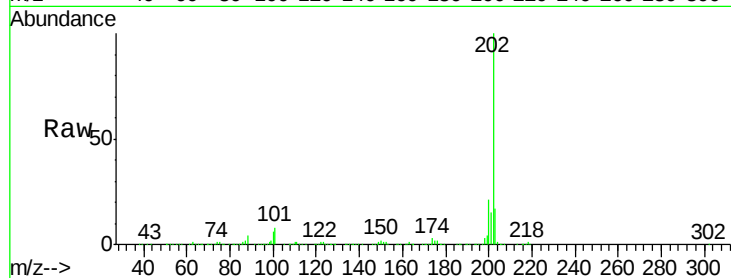
Instrument :

BNA_F

ClientSampleId :

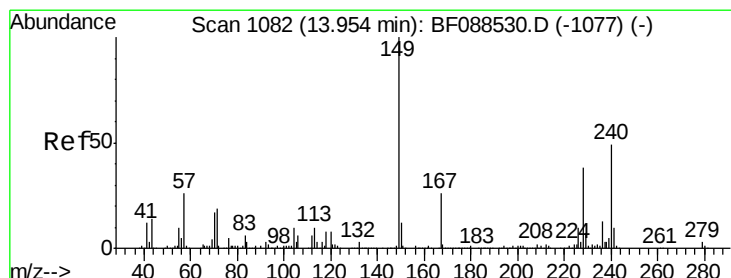
LSS-SB-SB05(0-2ft)MSD

Tot Ion:	202	Resp:	845386
Ion Ratio	Lower	Upper	
202	100		
101	7.8	0.0	33.1
203	17.5	0.0	38.1



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#75

Chrysene-d12

Concen: 20.00 ng

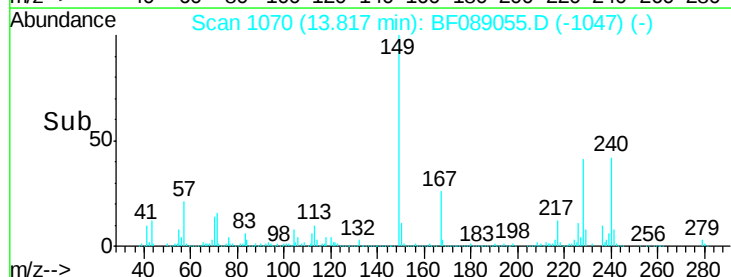
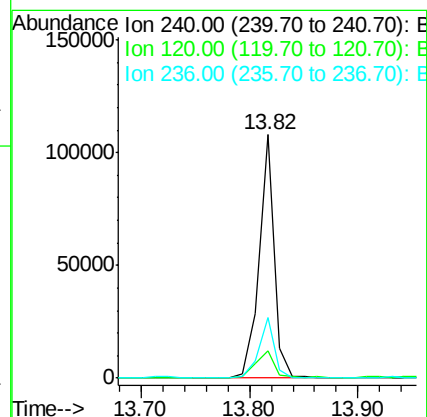
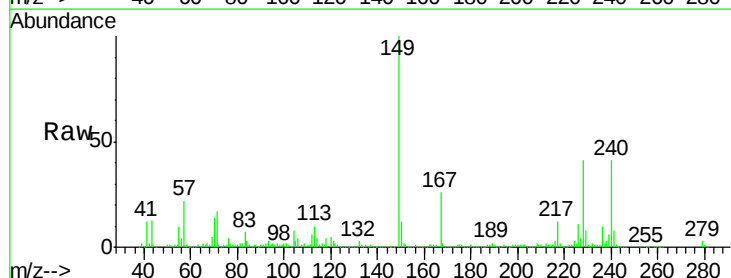
RT: 13.82 min Scan# 1070

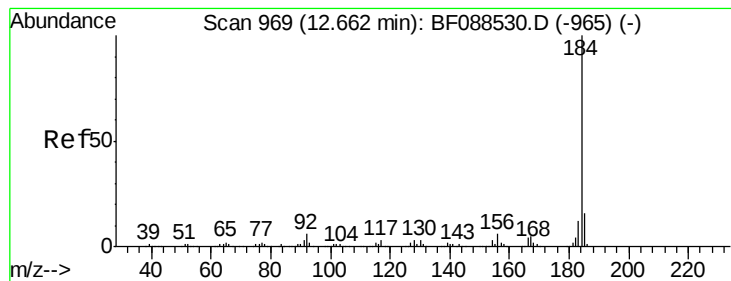
Delta R.T. -0.03 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

Tgt Ion:	240	Resp:	106034
Ion Ratio	Lower	Upper	
240	100		
120	11.2	6.8	10.2#
236	25.1	20.2	30.2





#76

Benzidine

Concen: 2.75 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.03 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MSD

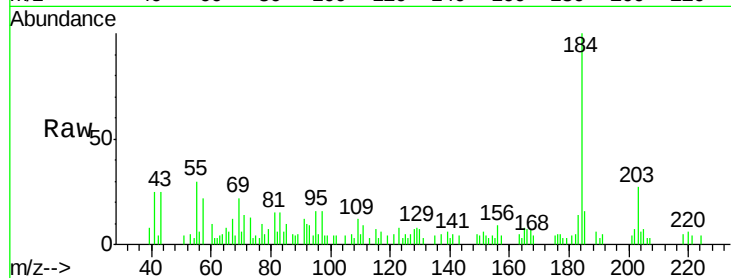
Tot Ion:184 Resp: 14765

Ion Ratio Lower Upper

184 100

185 15.7 12.5 18.7

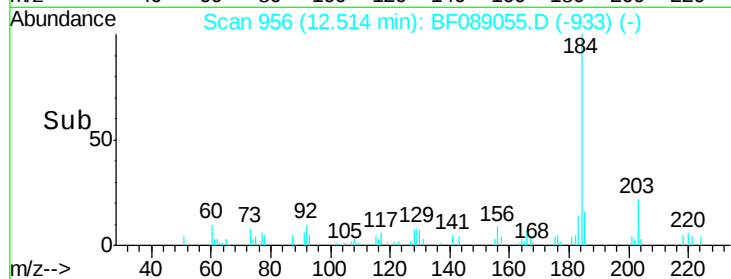
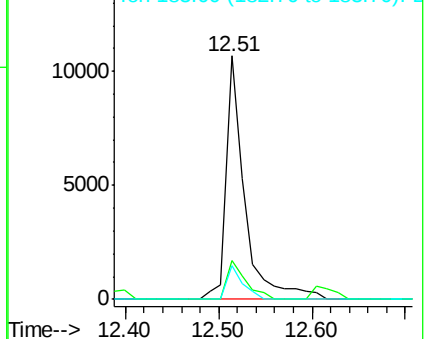
183 14.0 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

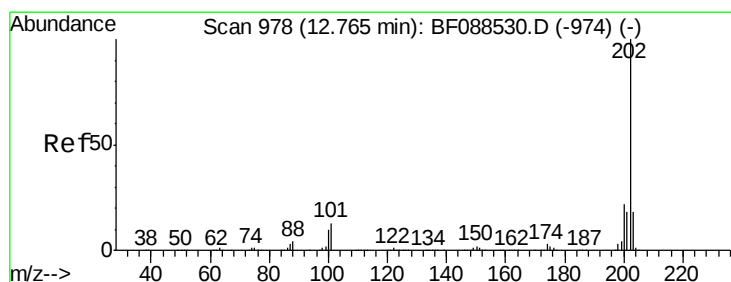
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



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#77

Pyrene

Concen: 79.38 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.03 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

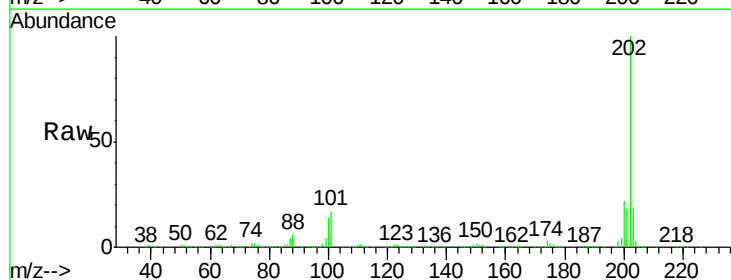
Tgt Ion:202 Resp: 713688

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

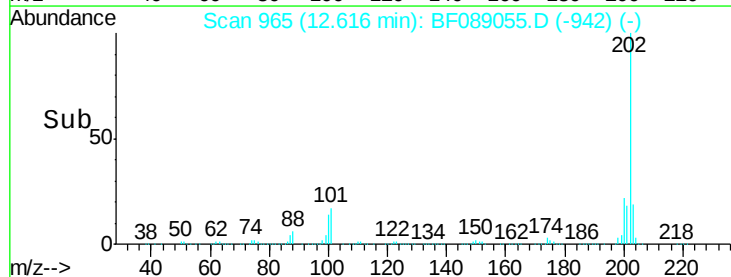
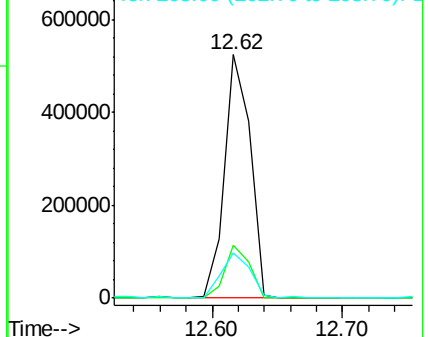
203 18.8 14.5 21.7

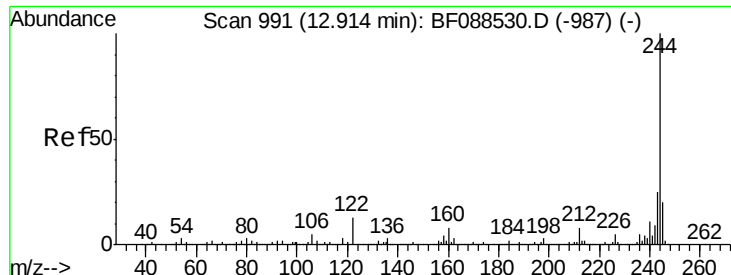


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

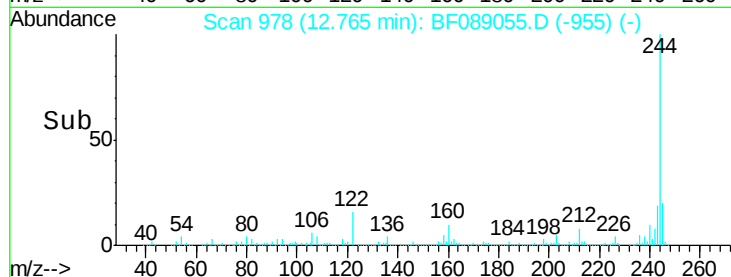
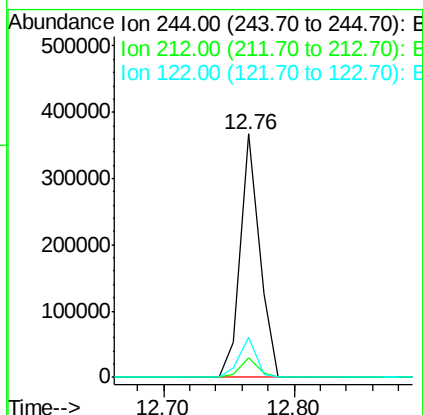
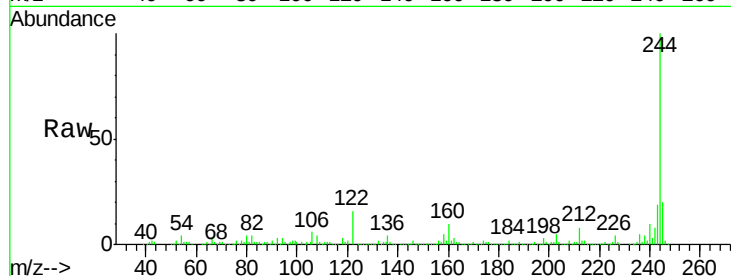




#78
 Terphenyl-d14
 Concen: 79.09 ng
 RT: 12.76 min Scan# 978
 Delta R.T. -0.03 min
 Lab File: BF089055.D
 Acq: 16 Jul 2016 15:09

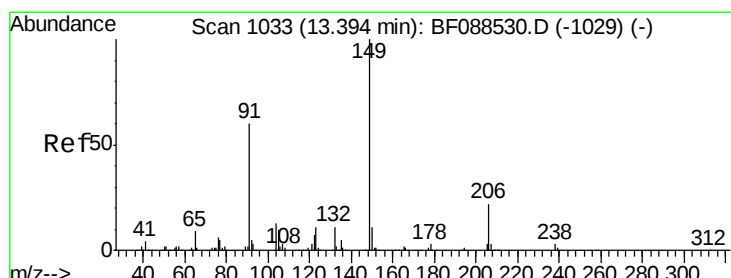
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2ft)MSD

Tot Ion:	244	Resp:	376496
Ion Ratio	Lower	Upper	
244	100		
212	8.3	6.0	9.0
122	16.5	11.2	16.8



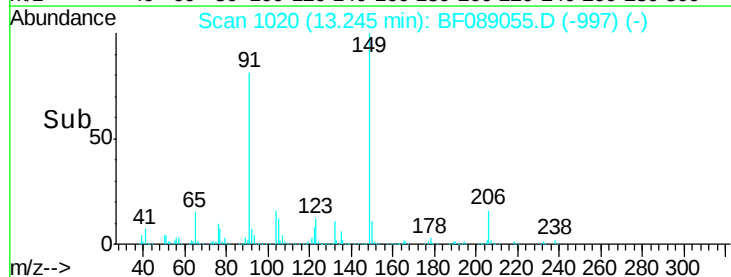
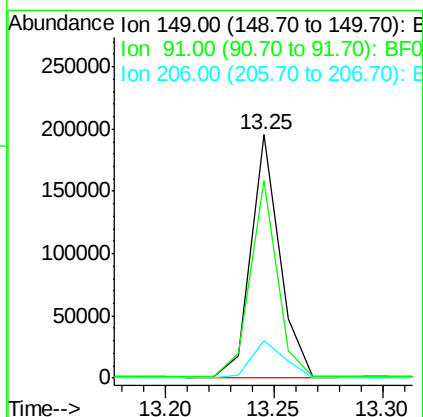
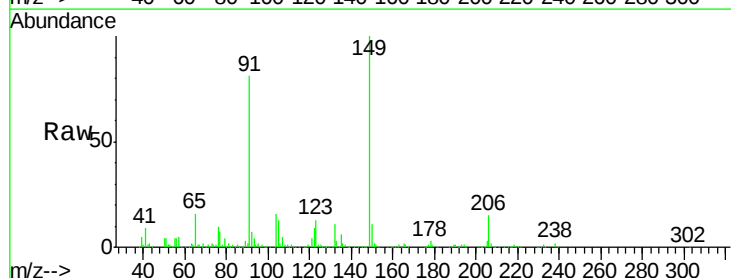
sohil

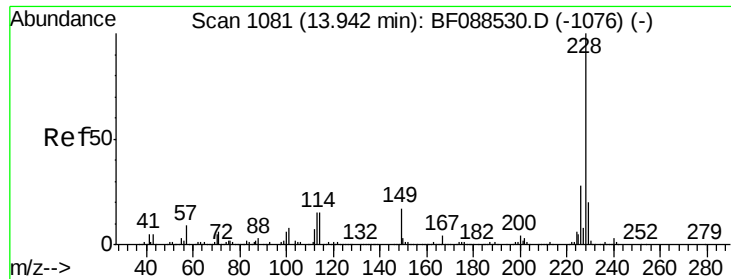
7/18/2016 7:38:02 PM



#79
 Butylbenzylphthalate
 Concen: 44.35 ng
 RT: 13.25 min Scan# 1020
 Delta R.T. -0.03 min
 Lab File: BF089055.D
 Acq: 16 Jul 2016 15:09

Tgt Ion:	149	Resp:	177858
Ion Ratio	Lower	Upper	
149	100		
91	80.9	48.0	72.0#
206	15.5	16.0	24.0#

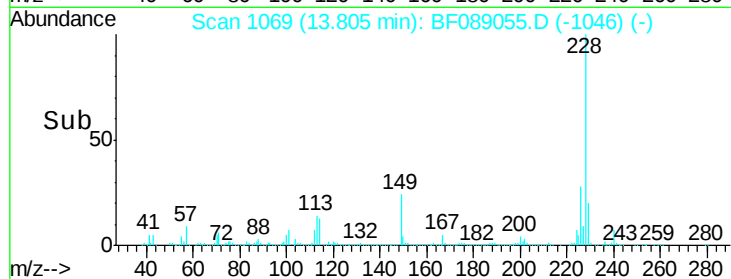
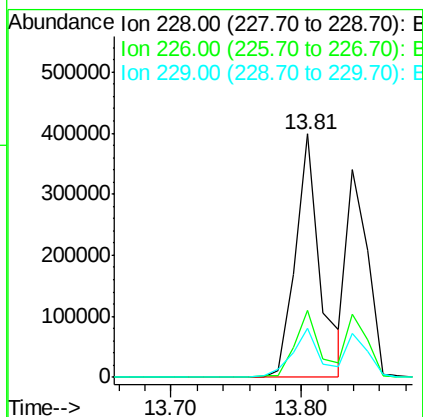
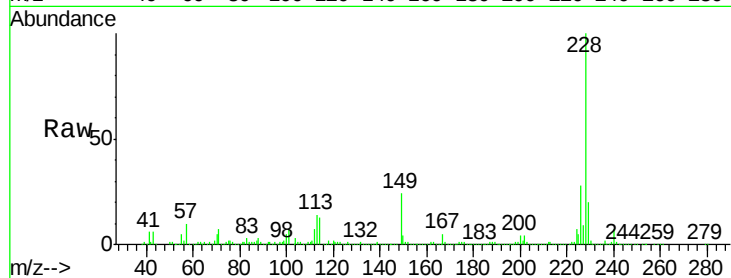




#80
Benzo(a)anthracene
Concen: 76.98 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

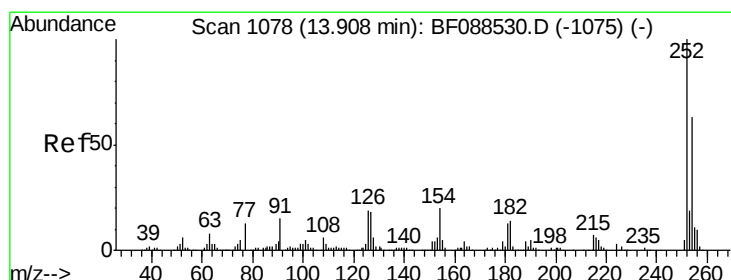
Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion:	228	Resp:	525616
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	20.0	16.0	24.0



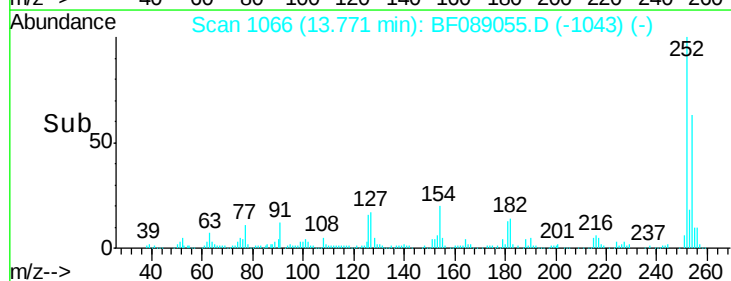
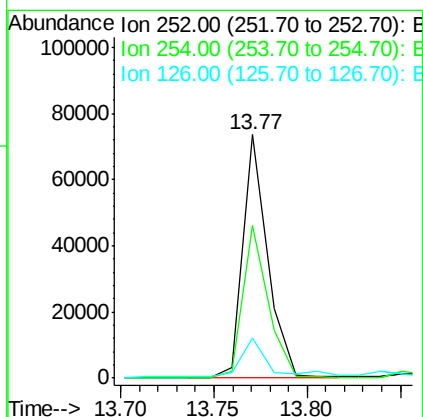
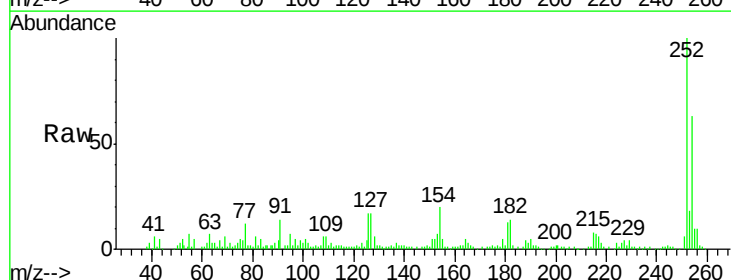
sohil

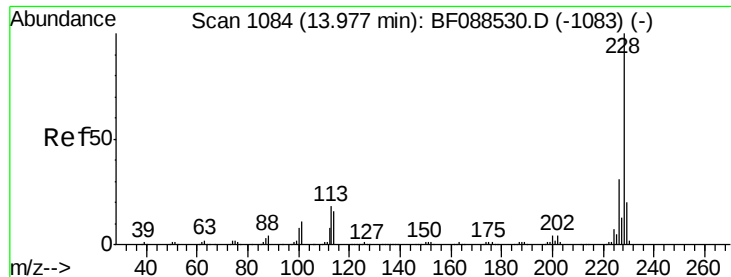
7/18/2016 7:38:02 PM



#81
3,3'-Dichlorobenzidine
Concen: 26.72 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion:	252	Resp:	68599
Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.6	78.8
126	16.6	6.2	9.2#

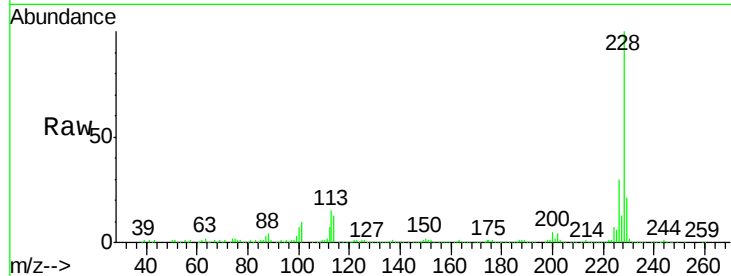




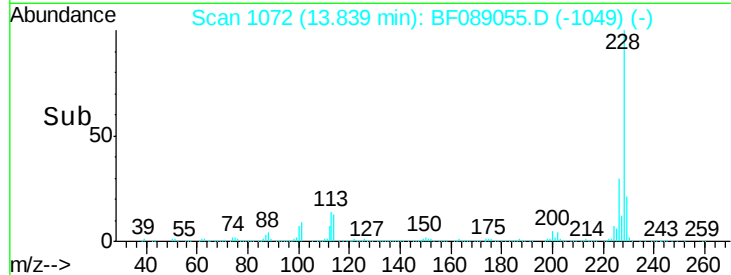
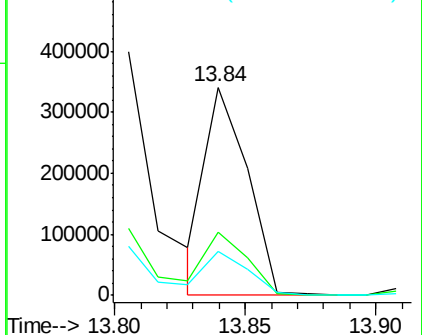
#82
Chrysene
Concen: 56.43 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.2
229	21.1	16.3	24.5

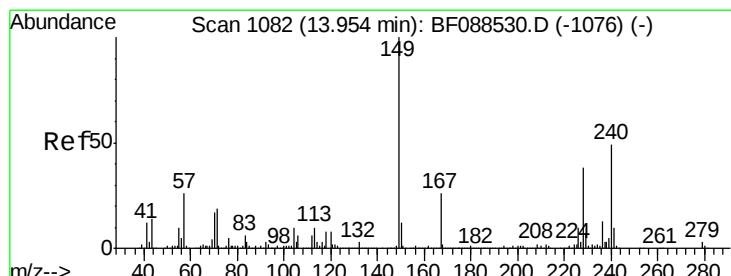


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



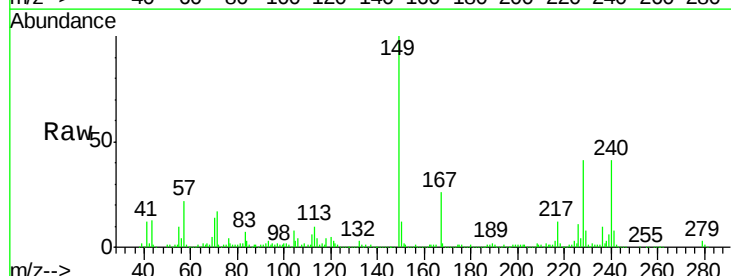
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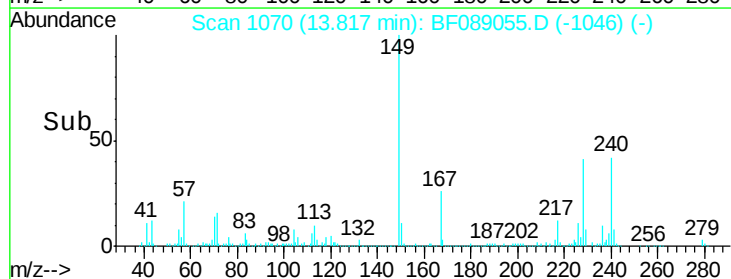
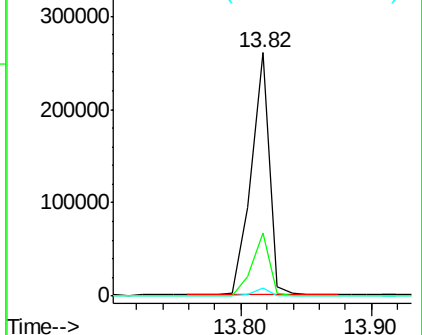


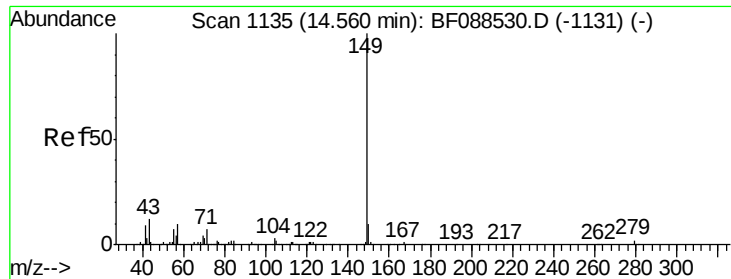
#83
Bis(2-ethylhexyl)phthalate
Concen: 55.17 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.5	30.7
279	3.1	2.0	3.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

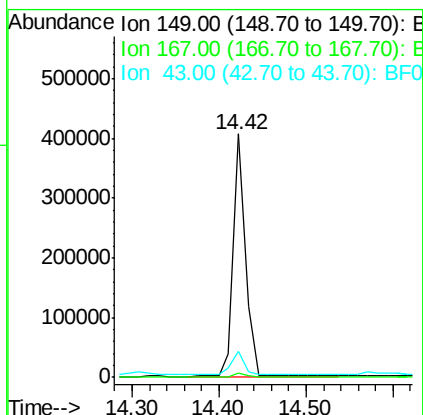
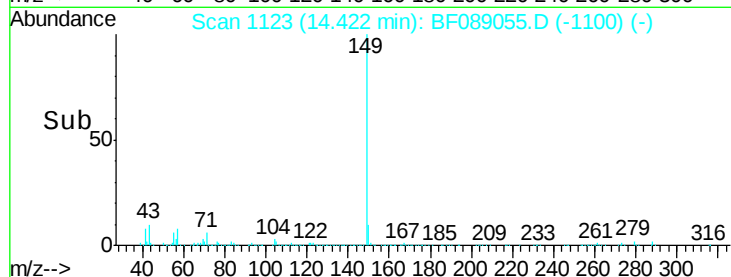
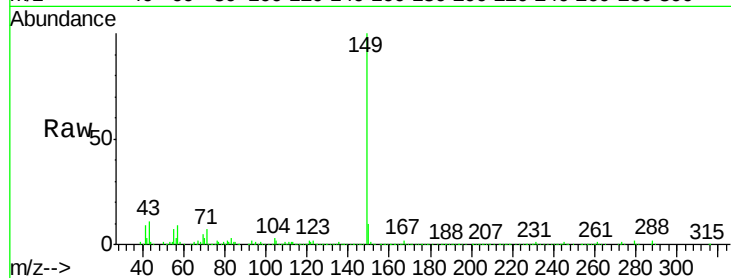




#84
Di-n-octyl phthalate
Concen: 50.09 ng
RT: 14.42 min Scan# 1123
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

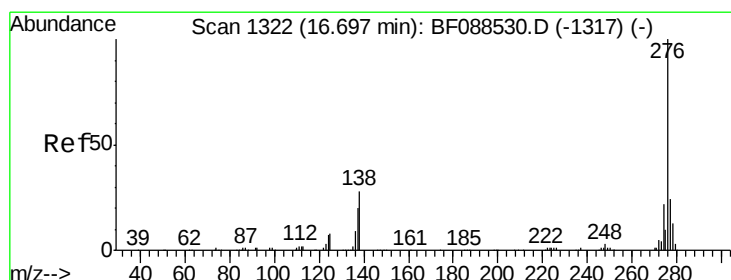
Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion:	149	Resp:	389609
Ion Ratio	Lower	Upper	
149	100		
167	1.6	0.0	0.0#
43	10.2	0.0	0.0#



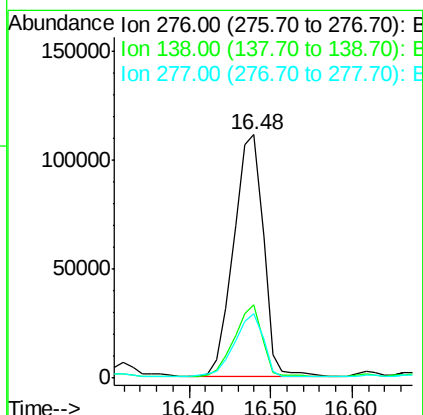
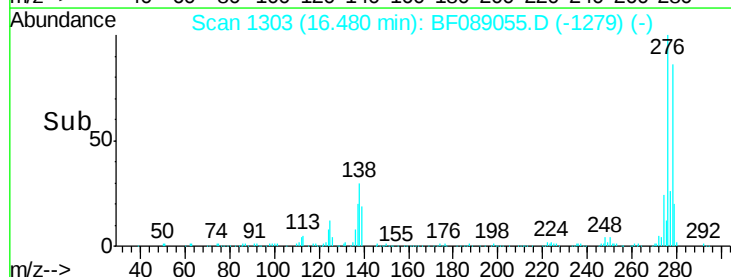
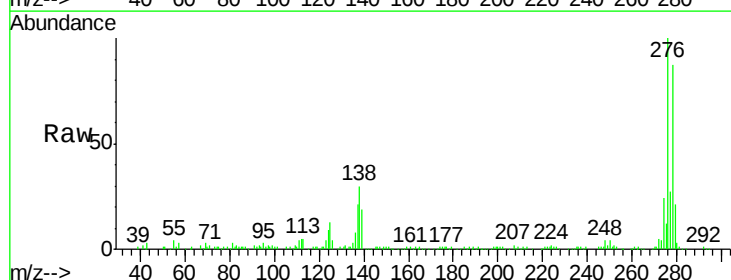
sohil

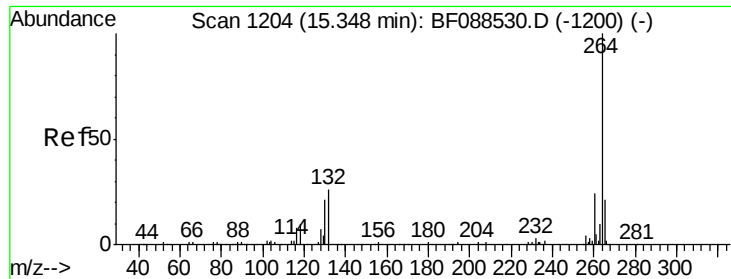
7/18/2016 7:38:02 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 54.26 ng
RT: 16.48 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion:	276	Resp:	282017
Ion Ratio	Lower	Upper	
276	100		
138	28.0	0.0	0.0#
277	26.0	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: BF089055.D

Acq: 16 Jul 2016 15:09

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MSD

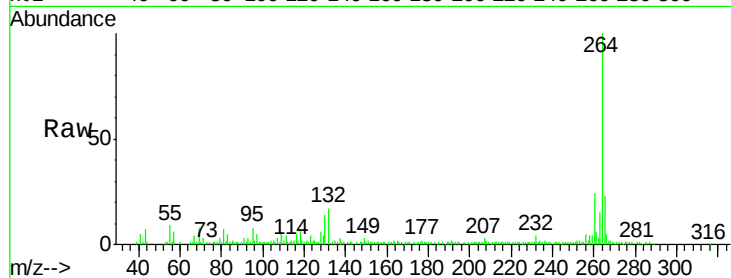
Tot Ion:264 Resp: 86545

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

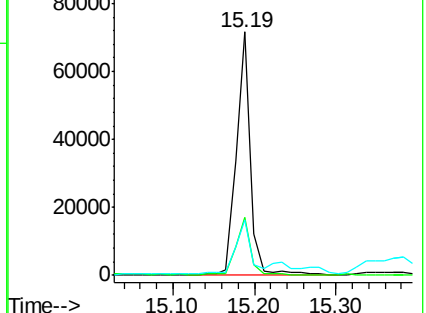
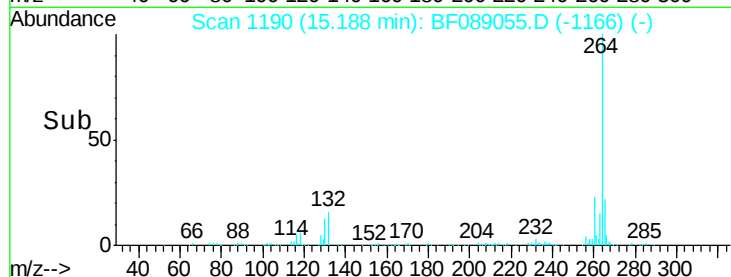
265 22.8 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

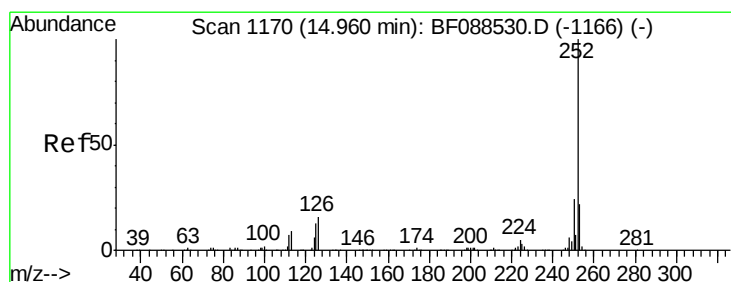
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



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7/18/2016 7:38:02 PM



#87

Benzo(b)fluoranthene

Concen: 81.94 ng m

RT: 14.81 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

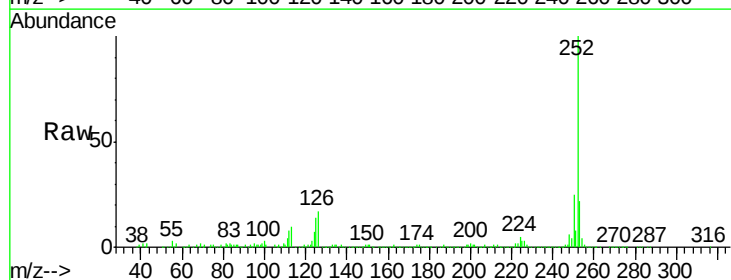
Tgt Ion:252 Resp: 444844

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

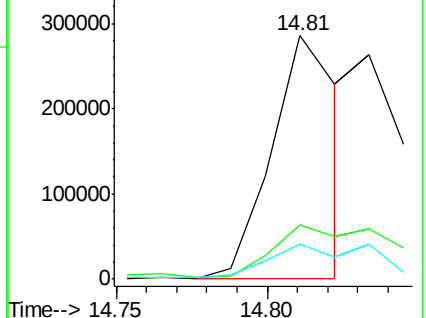
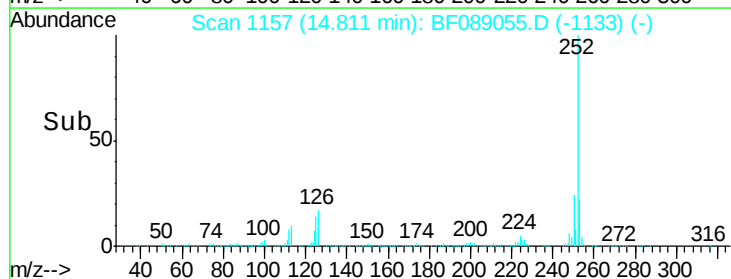
125 14.1 7.1 10.7#

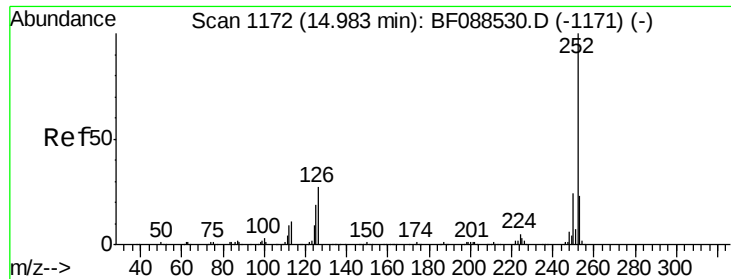


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

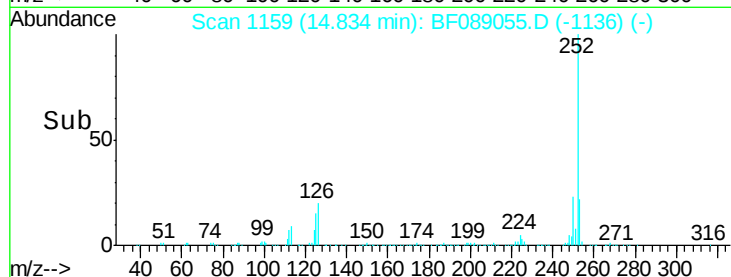
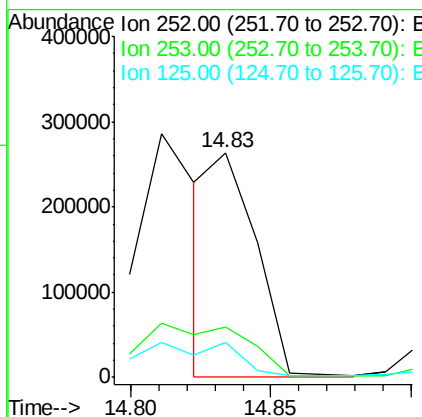
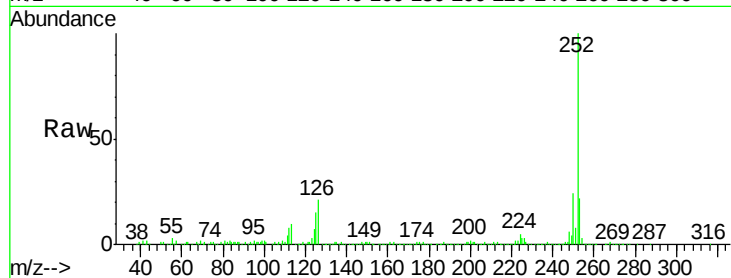




#88
Benzo(k)fluoranthene
Concen: 62.79 ng/mL
RT: 14.83 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

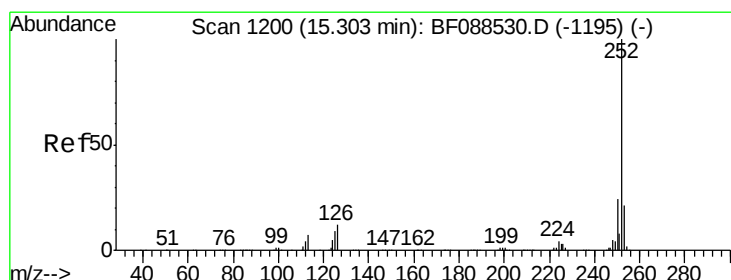
Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MSD

Tot Ion:252	Resp:	296750
Ion Ratio	Lower	Upper
252	100	
253	22.4	18.0 27.0
125	15.4	11.2 16.8



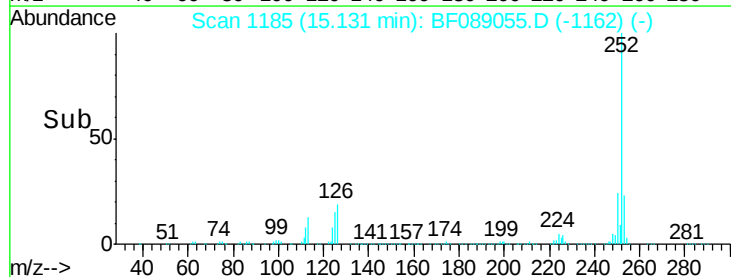
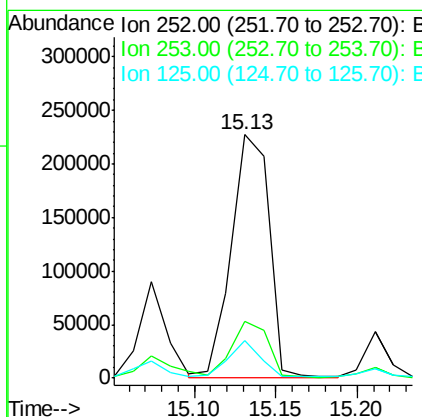
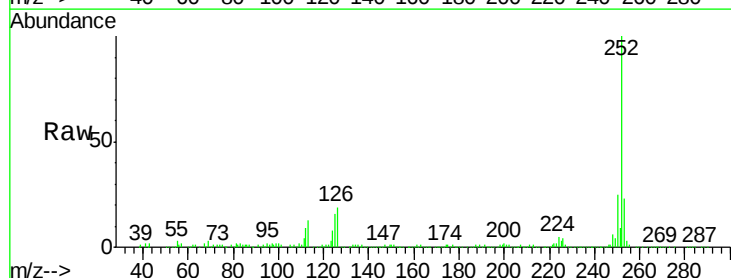
sohil

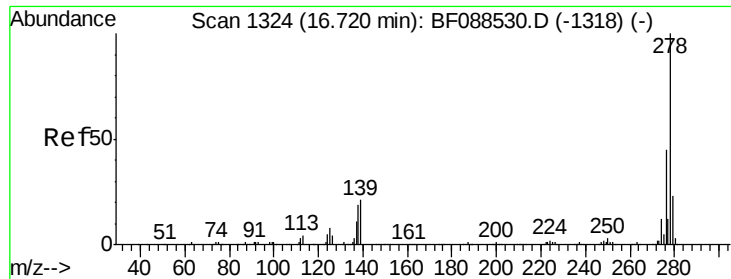
7/18/2016 7:38:02 PM



#89
Benzo(a)pyrene
Concen: 78.58 ng/mL
RT: 15.13 min Scan# 1185
Delta R.T. -0.03 min
Lab File: BF089055.D
Acq: 16 Jul 2016 15:09

Tgt Ion:252	Resp:	361182
Ion Ratio	Lower	Upper
252	100	
253	23.1	17.9 26.9
125	15.6	12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 52.88 ng

RT: 16.49 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

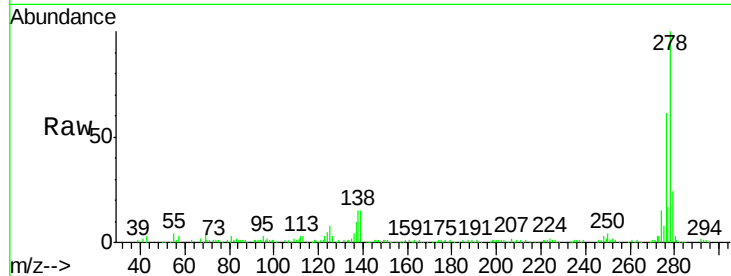
Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MSD

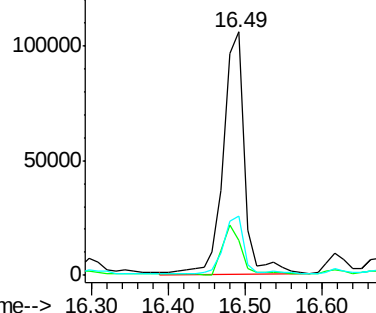
Tot Ion:278	Resp:	202955
Ion Ratio	Lower	Upper
278	100	
139	14.5	15.7 23.5#
279	24.3	19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

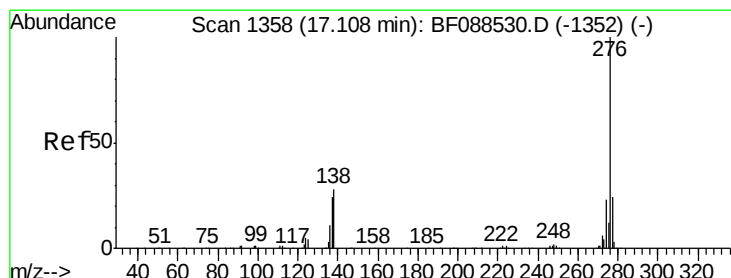
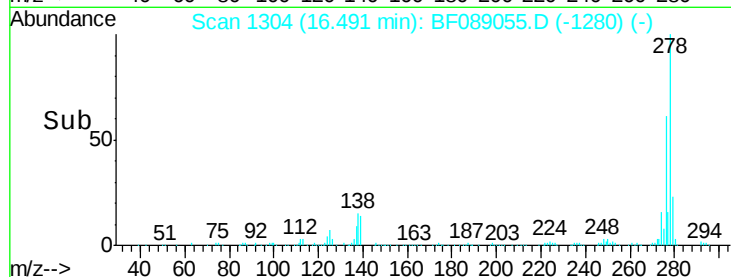
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



sohil

7/18/2016 7:38:02 PM



#91

Benzo(g,h,i)perylene

Concen: 59.34 ng

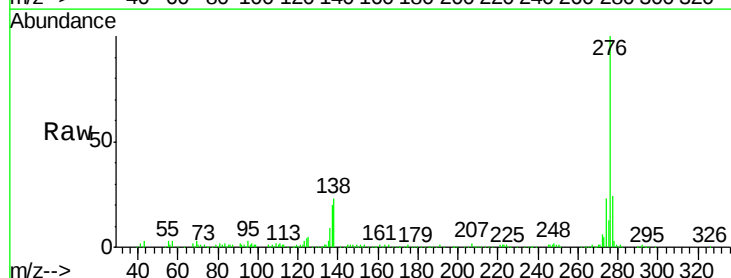
RT: 16.87 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF089055.D

Acq: 16 Jul 2016 15:09

Tgt Ion:276	Resp:	235687
Ion Ratio	Lower	Upper
276	100	
277	23.5	18.9 28.3
138	22.6	21.4 32.2



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

