

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089451.D
 Acq On : 30 Jul 2016 14:13
 Operator : UM/SJ
 Sample : H4221-04MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0MSD

Manual Integrations
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 8/1/2016 7:18:26 PM

Quant Time: Aug 01 11:37:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	48100	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	198485	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	90611	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	170701	20.00	ng	0.00
75) Chrysene-d12	13.62	240	96943	20.00	ng	0.00
86) Perylene-d12	14.95	264	83505	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	407806	135.37	ng	0.02
7) Phenol-d6	6.17	99	494207	124.14	ng	0.00
23) Nitrobenzene-d5	7.08	82	333322	99.12	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	96328	128.36	ng	0.00
44) 2-Fluorobiphenyl	8.87	172	533601	86.42	ng	0.00
78) Terphenyl-d14	12.58	244	380726	91.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	50094	36.38	ng	# 90
3) Pyridine	2.54	79	134670	45.69	ng	99
4) n-Nitrosodimethylamine	2.51	42	58181	47.96	ng	97
6) Aniline	6.17	93	143252	33.32	ng	95
8) 2-Chlorophenol	6.30	128	152744	44.83	ng	95
9) Benzaldehyde	6.04	77	89726	46.16	ng	99
10) Phenol	6.18	94	188061	42.81	ng	99
11) bis(2-Chloroethyl)ether	6.25	93	152735	40.92	ng	91
12) 1,3-Dichlorobenzene	6.44	146	145310m	40.77	ng	
13) 1,4-Dichlorobenzene	6.52	146	158166	40.21	ng	93
14) 1,2-Dichlorobenzene	6.67	146	162499	44.10	ng	96
15) Benzyl Alcohol	6.66	79	130076	52.65	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.80	45	166826	40.98	ng	99
17) 2-Methylphenol	6.79	107	111876	42.48	ng	96
18) Hexachloroethane	7.00	117	61140	40.54	ng	93
19) n-Nitroso-di-n-propylamine	6.94	70	111998	46.65	ng	# 89
20) 3+4-Methylphenols	6.95	107	157401	46.54	ng	# 90
22) Acetophenone	6.92	105	199113	42.14	ng	# 96
24) Nitrobenzene	7.10	77	156399	40.86	ng	91
25) Isophorone	7.35	82	307203	45.35	ng	97
26) 2-Nitrophenol	7.42	139	84564	49.42	ng	93
27) 2,4-Dimethylphenol	7.47	122	126131	46.27	ng	97
28) bis(2-Chloroethoxy)methane	7.56	93	201911	53.85	ng	98
29) 2,4-Dichlorophenol	7.67	162	123735	49.82	ng	97
30) 1,2,4-Trichlorobenzene	7.74	180	130524	46.06	ng	97
31) Naphthalene	7.82	128	452733	46.06	ng	100
32) Benzoic acid	7.59	122	8697	4.58	ng	# 86
33) 4-Chloroaniline	7.87	127	62366	16.67	ng	# 93
34) Hexachlorobutadiene	7.93	225	64673	39.84	ng	100
35) Caprolactam	8.26	113	36309m	48.43	ng	
36) 4-Chloro-3-methylphenol	8.38	107	139571	47.28	ng	95
37) 2-Methylnaphthalene	8.50	142	282408	47.68	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	116512	36.74	ng	100
40) Hexachlorocyclopentadiene	8.66	237	79264	86.84	ng	98

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Quant Time: Aug 01 11:37:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	77649	51.51	nq	99
43) 2,4,5-Trichlorophenol	8.83	196	95255	49.88	nq	# 88
45) 1,1'-Biphenyl	8.97	154	330465	42.83	nq	96
46) 2-Chloronaphthalene	8.99	162	266967	46.08	nq	91
47) 2-Nitroaniline	9.10	65	88145	51.37	nq	86
48) Acenaphthylene	9.39	152	410482	44.98	nq	99
49) Dimethylphthalate	9.29	163	543071	78.75	nq	99
50) 2,6-Dinitrotoluene	9.35	165	71592	50.53	nq	# 82
51) Acenaphthene	9.56	154	237396	44.54	nq	99
52) 3-Nitroaniline	9.51	138	44719	29.91	nq	84
53) 2,4-Dinitrophenol	9.63	184	30629	56.03	nq	89
54) Dibenzofuran	9.74	168	353550	48.68	nq	95
55) 4-Nitrophenol	9.70	139	62595m	85.49	nq	
56) 2,4-Dinitrotoluene	9.75	165	90703	48.62	nq	# 78
57) Fluorene	10.08	166	288700	45.54	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	63166	49.54	nq	# 94
59) Diethylphthalate	9.98	149	331616	47.43	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	134821	46.36	nq	91
61) 4-Nitroaniline	10.12	138	63701	41.33	nq	94
62) Azobenzene	10.24	77	368182	51.14	nq	89
64) 4,6-Dinitro-2-methylphenol	10.16	198	36254	36.35	nq	89
65) n-Nitrosodiphenylamine	10.20	169	265695	49.88	nq	99
66) 4-Bromophenyl-phenylether	10.56	248	74758	45.87	nq	# 81
67) Hexachlorobenzene	10.63	284	77417	46.35	nq	# 69
68) Atrazine	10.74	200	77886	47.60	nq	95
69) Pentachlorophenol	10.82	266	63542	78.64	nq	99
70) Phenanthrene	11.03	178	395667	44.94	nq	100
71) Anthracene	11.08	178	436640	44.61	nq	99
72) Carbazole	11.24	167	383700	46.57	nq	99
73) Di-n-butylphthalate	11.59	149	483003	43.69	nq	# 98
74) Fluoranthene	12.20	202	388751	41.98	nq	97
76) Benzidine	12.34	184	82276	22.97	nq	97
77) Pyrene	12.43	202	378363	51.50	nq	100
79) Butylbenzylphthalate	13.06	149	152618	45.69	nq	91
80) Benzo(a)anthracene	13.61	228	248550	45.43	nq	100
81) 3,3'-Dichlorobenzidine	13.59	252	57192	29.05	nq	98
82) Chrysene	13.65	228	241091	41.40	nq	100
83) Bis(2-ethylhexyl)phthalate	13.63	149	199241	41.26	nq	# 95
84) Di-n-octyl phthalate	14.24	149	323445	42.93	nq	99
85) Indeno(1,2,3-cd)pyrene	16.14	276	260634	62.95	nq	99
87) Benzo(b)fluoranthene	14.61	252	205133m	39.56	nq	
88) Benzo(k)fluoranthene	14.63	252	223257m	46.83	nq	
89) Benzo(a)pyrene	14.90	252	214848	46.18	nq	98
90) Dibenzo(a,h)anthracene	16.14	278	215925	58.92	nq	99
91) Benzo(g,h,i)perylene	16.48	276	221629	61.52	nq	99

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

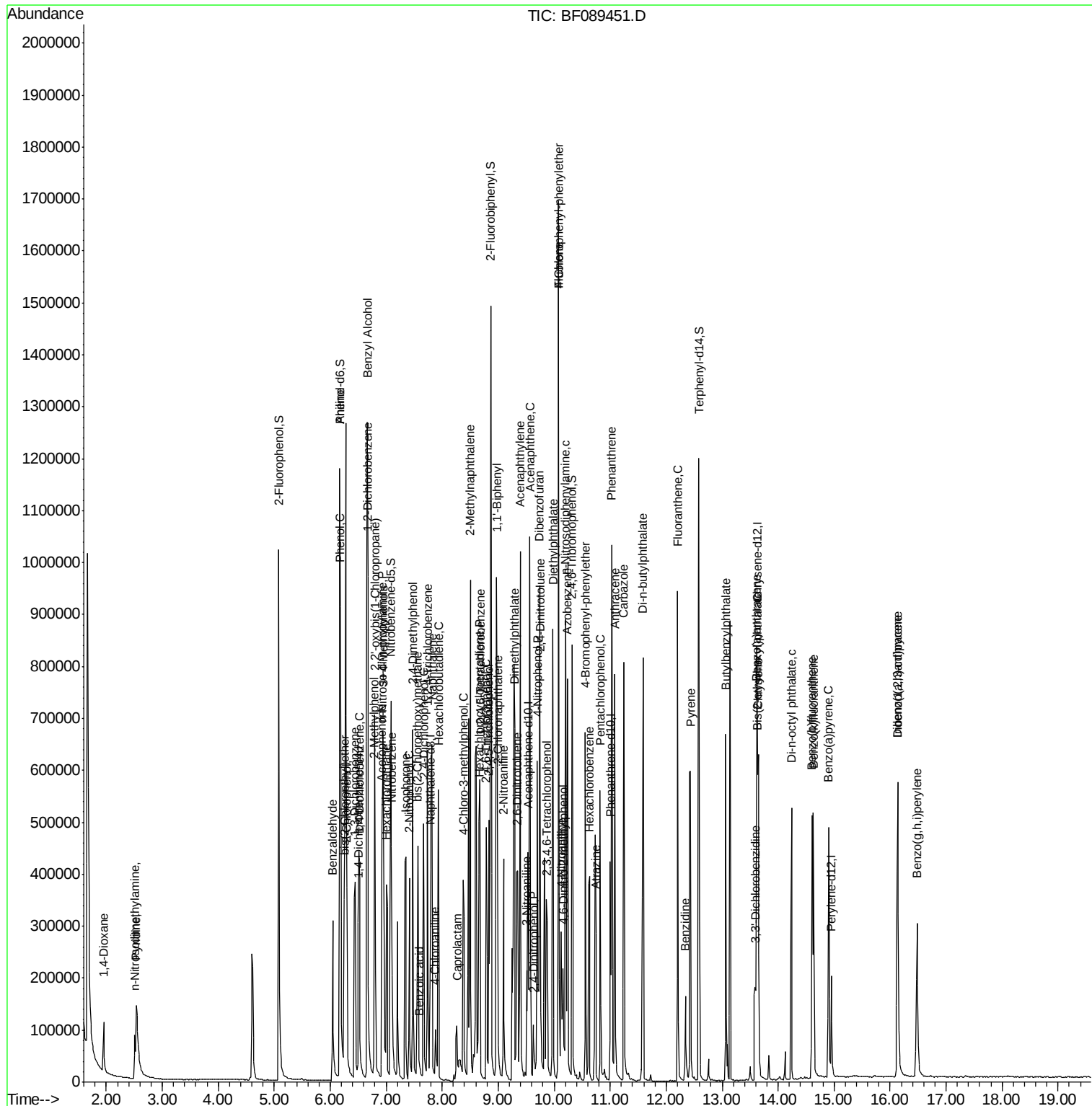
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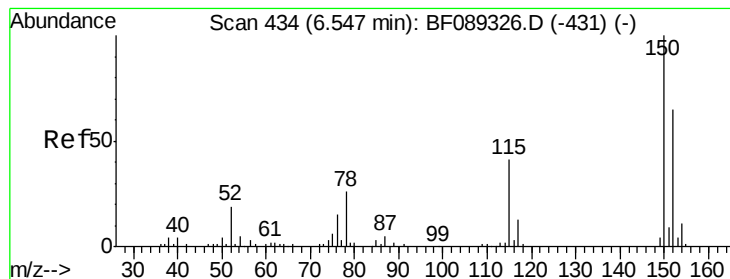
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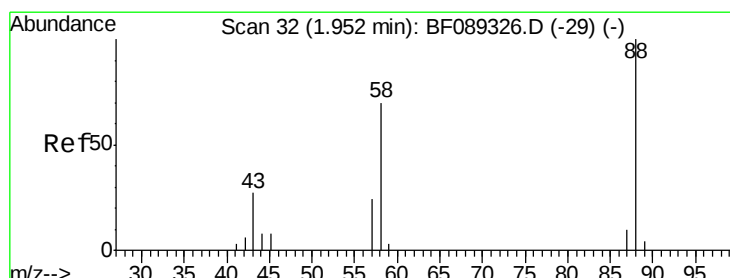
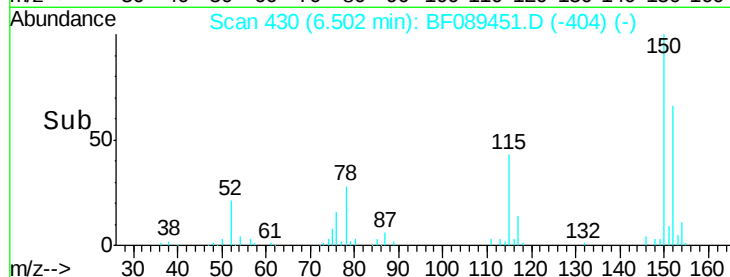
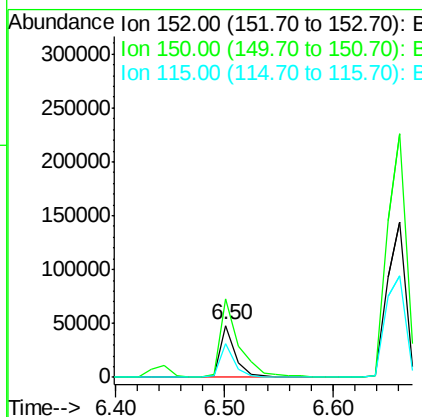
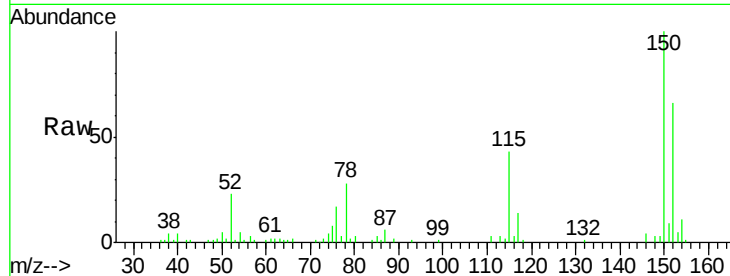
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.50 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	129.5	194.3
115	65.5	51.4	77.2

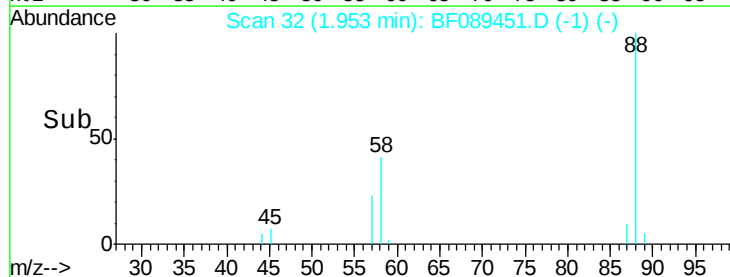
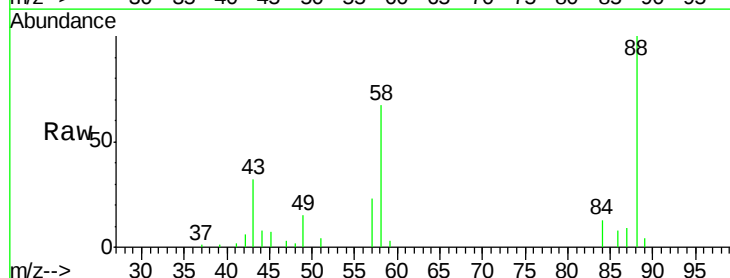
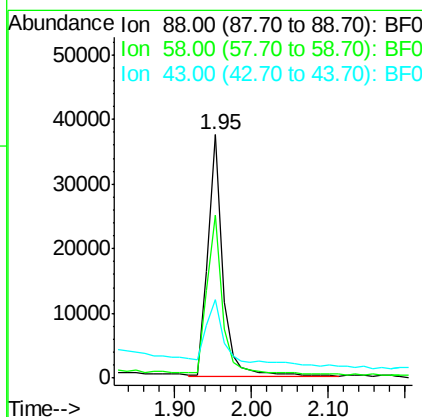
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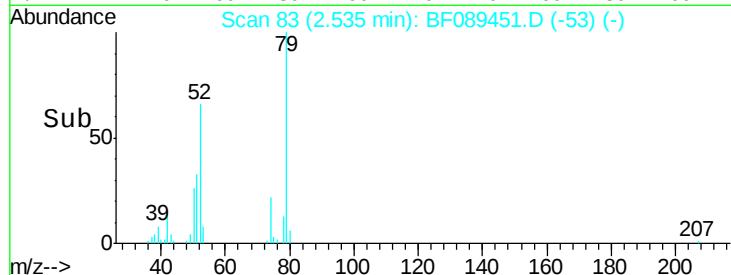
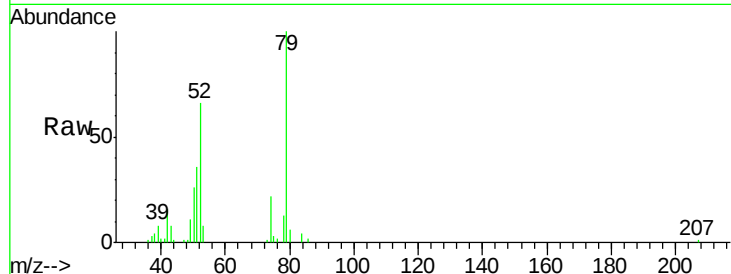
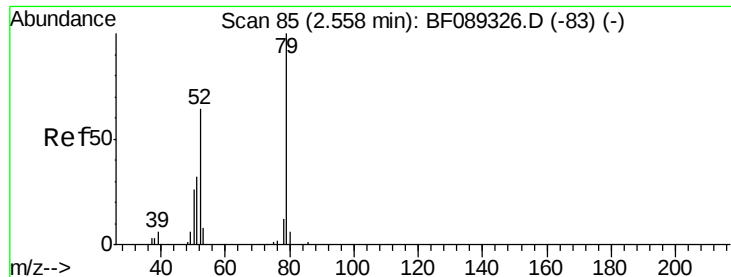
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#2
 1,4-Dioxane
 Concen: 36.38 ng
 RT: 1.95 min Scan# 32
 Delta R.T. 0.06 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	53.2	79.8
43	37.5	20.6	31.0





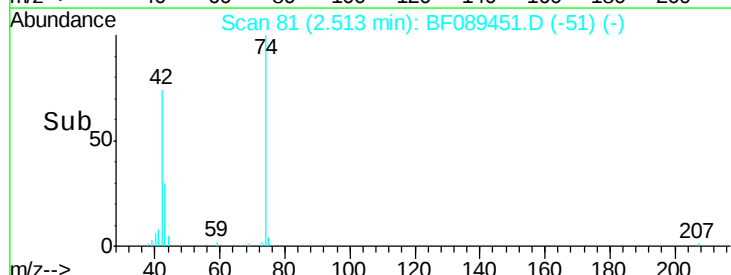
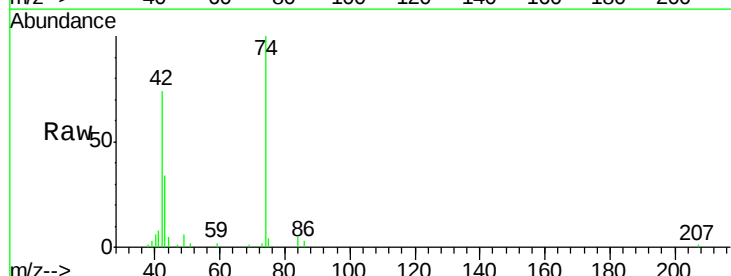
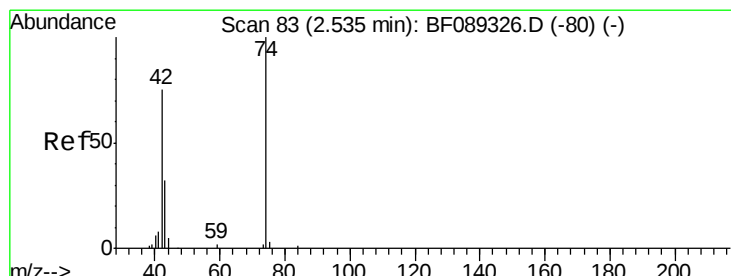
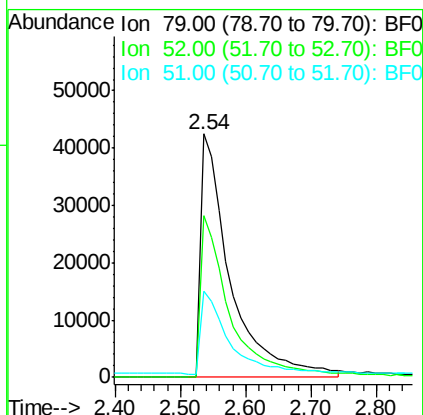
#3
 Pvridine
 Concen: 45.69 ng
 RT: 2.54 min Scan# 83
 Delta R.T. 0.05 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Tot Ion:	79	Resp:	134670
Ion	Ratio	Lower	Upper
79	100		
52	66.2	51.9	77.9
51	35.6	28.2	42.4

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0MSD

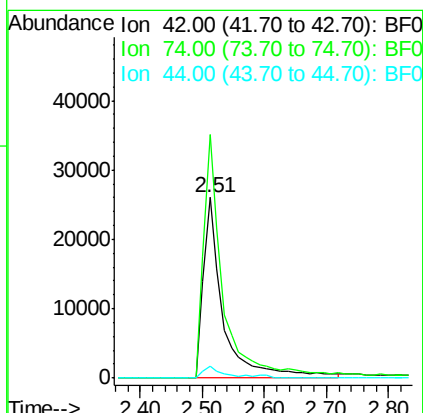
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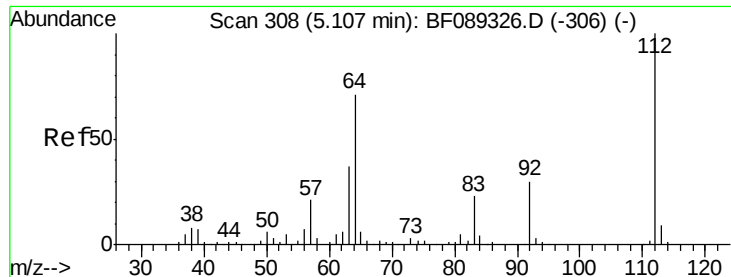
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#4
 n-Nitrosodimethylamine
 Concen: 47.96 ng
 RT: 2.51 min Scan# 81
 Delta R.T. 0.05 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Tgt Ion:	42	Resp:	58181
Ion	Ratio	Lower	Upper
42	100		
74	134.9	110.8	166.2
44	6.5	5.2	7.8





#5

2-Fluorophenol

Concen: 135.37 ng

RT: 5.08 min Scan# 306

Delta R.T. 0.02 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Instrument :

BNA_F

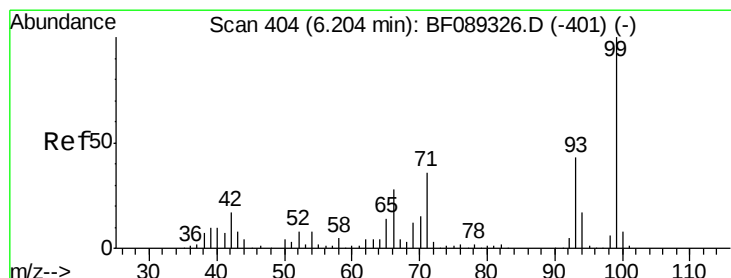
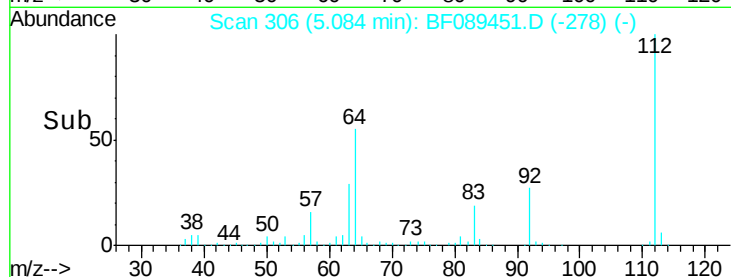
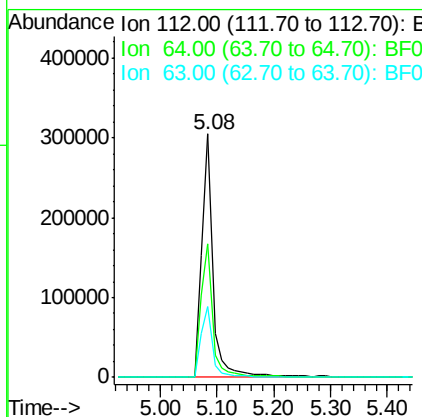
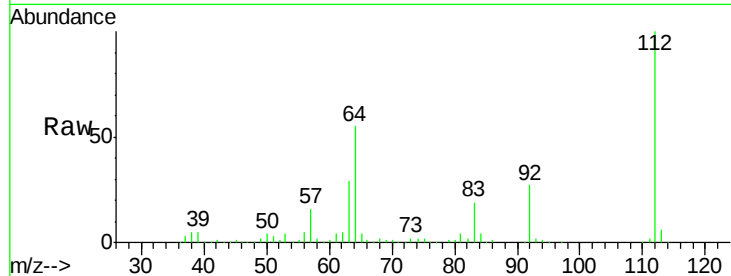
ClientSampleId :

SB-44-7.0-8.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		407806		
64	54.6	55.0	82.6#		
63	29.1	29.4	44.2#		

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#6

Aniline

Concen: 33.32 ng

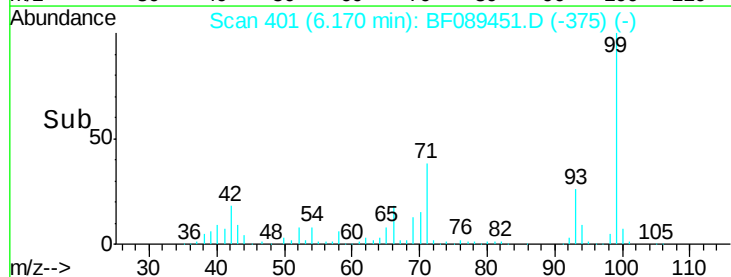
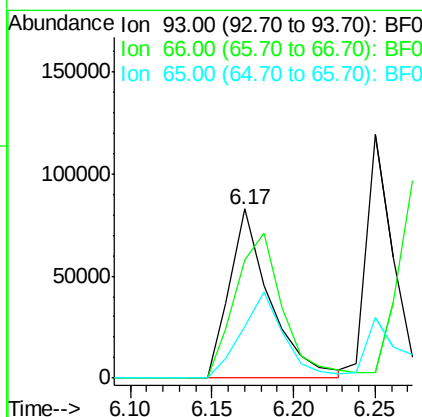
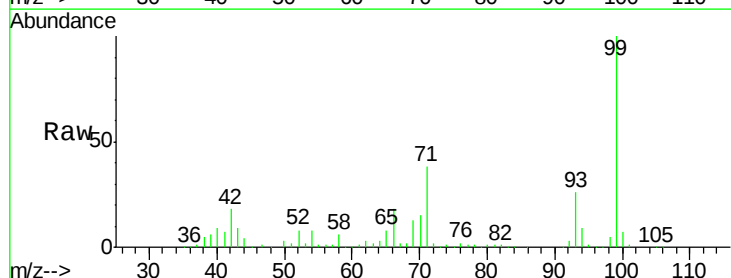
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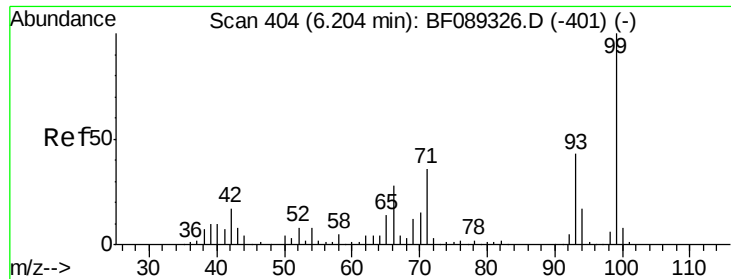
Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		143252		
66	70.2	51.6	77.4		
65	30.5	24.7	37.1		





#7

Phenol-d6

Concen: 124.14 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Instrument :

BNA_F

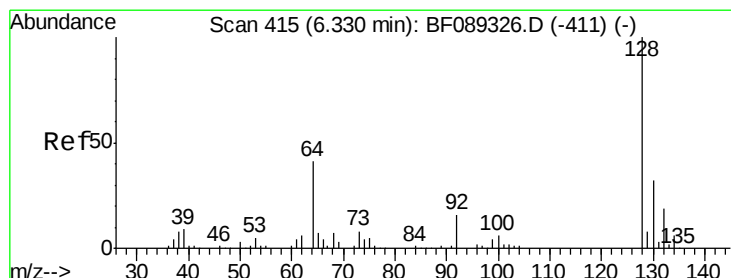
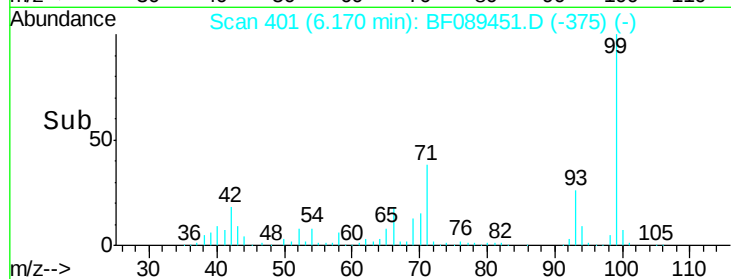
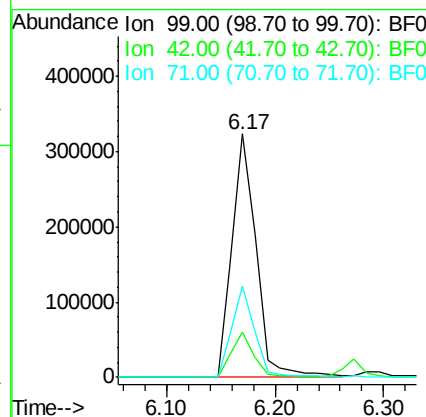
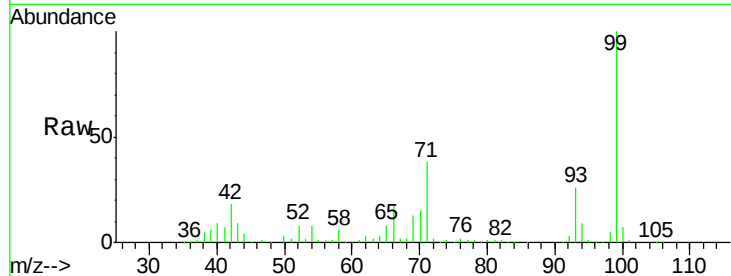
ClientSampleId :

SB-44-7.0-8.0MSD

Tot Ion:	99	Resp:	494207
Ion Ratio	Lower	Upper	
99	100		
42	18.5	13.6	20.4
71	37.6	29.4	44.2

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#8

2-Chlorophenol

Concen: 44.83 ng

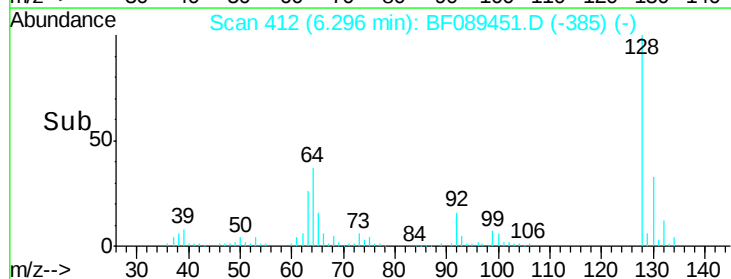
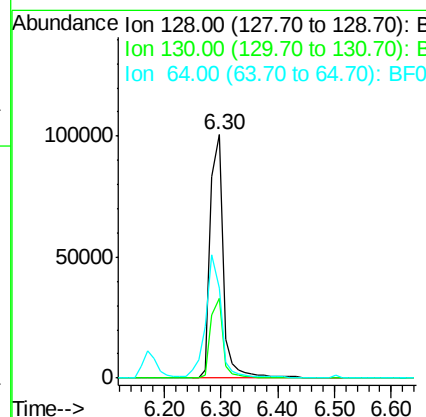
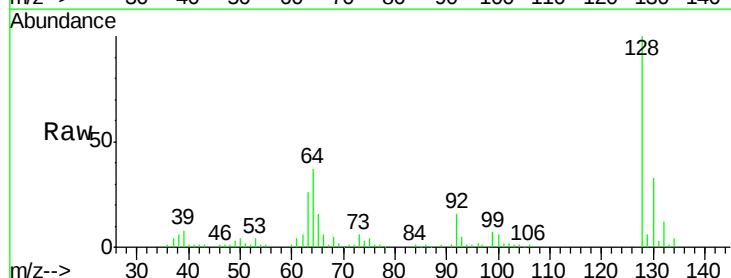
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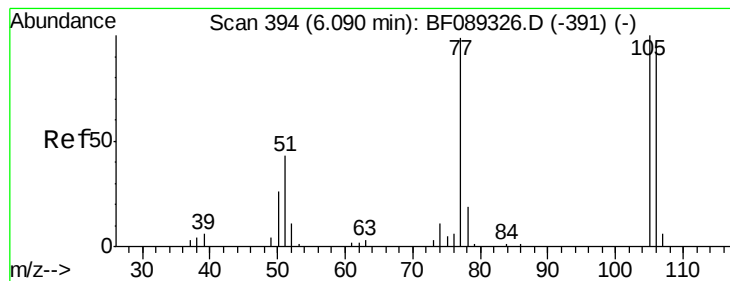
Delta R.T. 0.01 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Tgt Ion:	128	Resp:	152744
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.6	52.6
64	36.9	22.1	62.1





#9

Benzaldehyde

Concen: 46.16 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Instrument :

BNA_F

ClientSampleId :

SB-44-7.0-8.0MSD

Tot Ion: 77 Resp: 89726

Ion Ratio Lower Upper

77 100

105 102.4 82.9 122.9

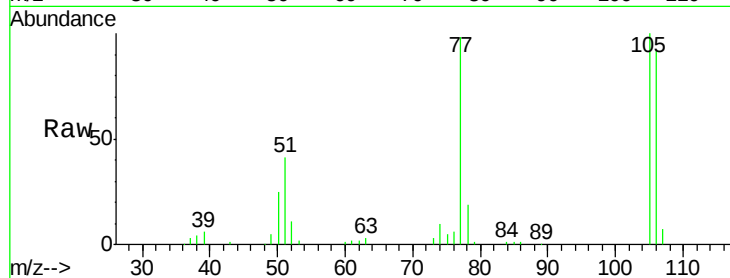
106 94.5 75.9 115.9

Manual Integrations

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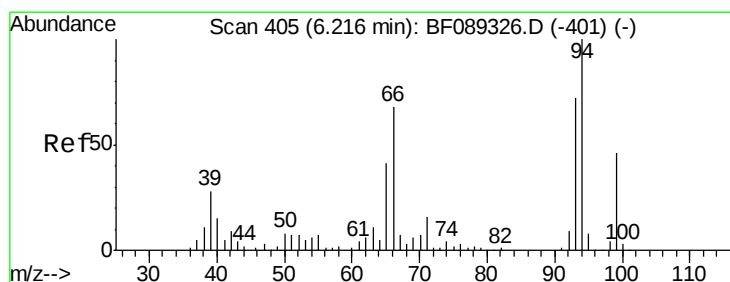
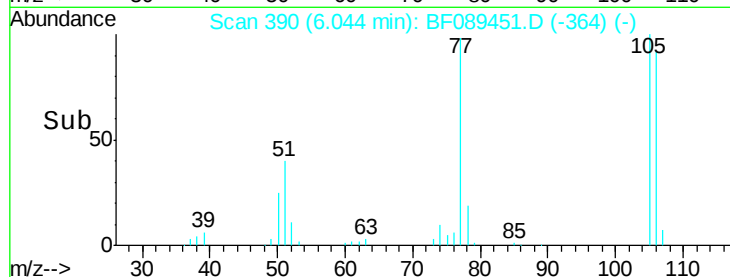
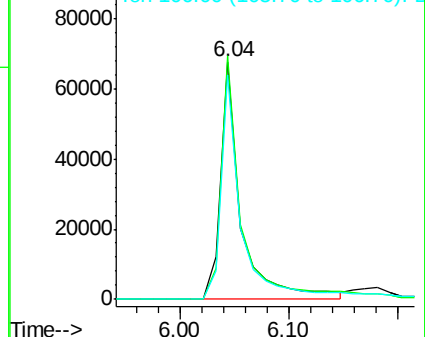
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.81 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

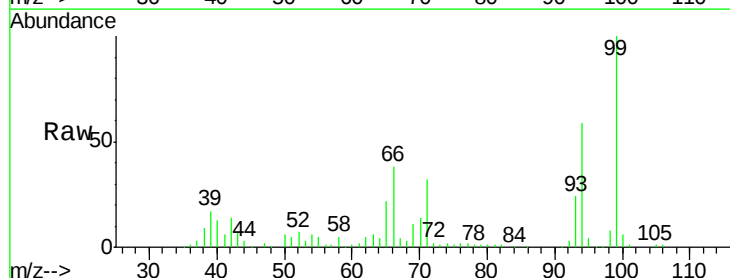
Tgt Ion: 94 Resp: 188061

Ion Ratio Lower Upper

94 100

65 38.1 19.1 59.1

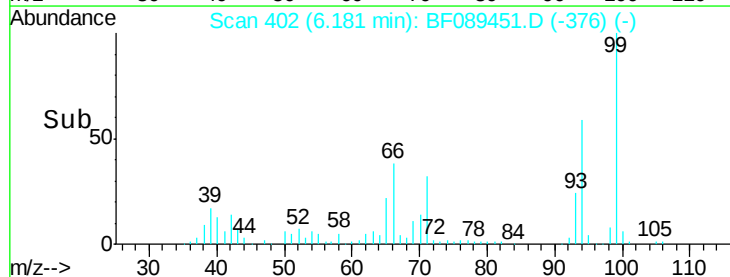
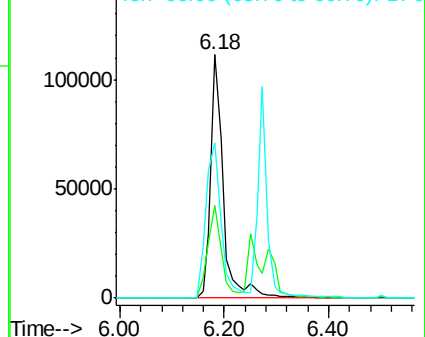
66 64.0 44.4 84.4

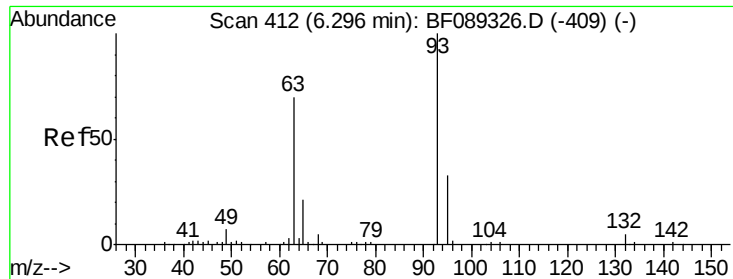


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





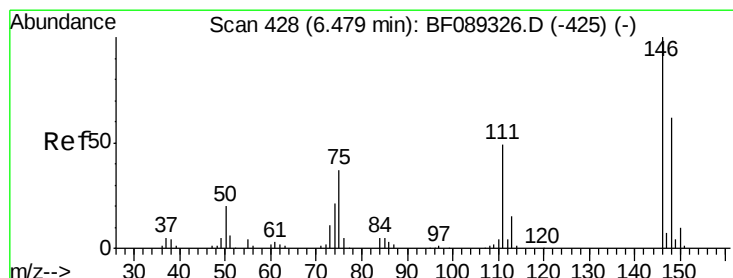
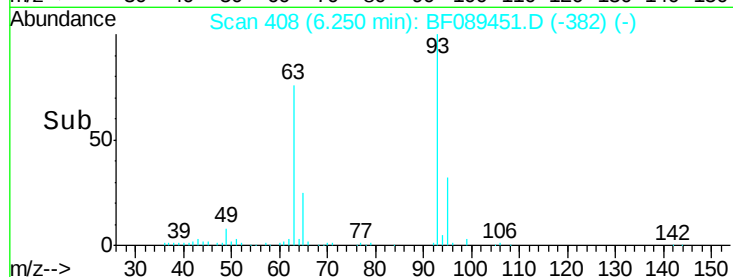
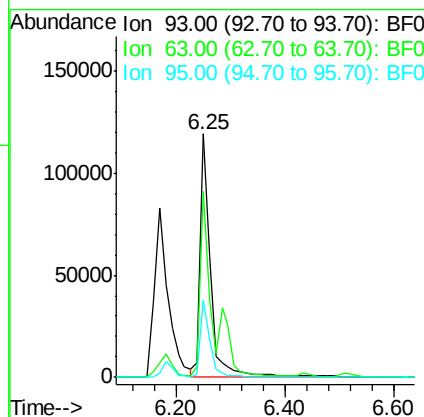
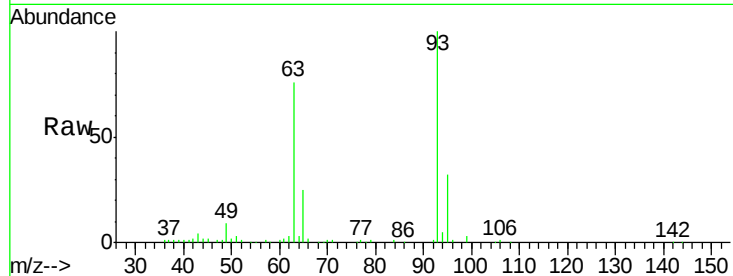
#11
bis(2-Chloroethyl)ether
Concen: 40.92 ng
RT: 6.25 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SB-44-7.0-8.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	152735		
63	76.1		45.6	85.6
95	31.5		11.1	51.1

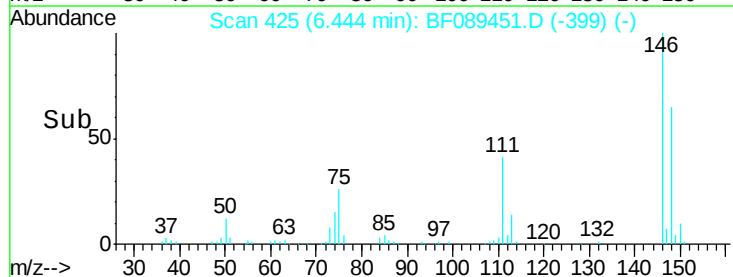
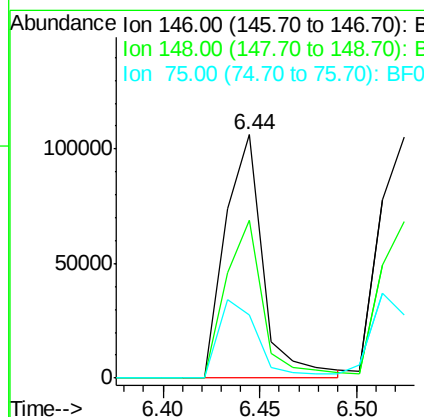
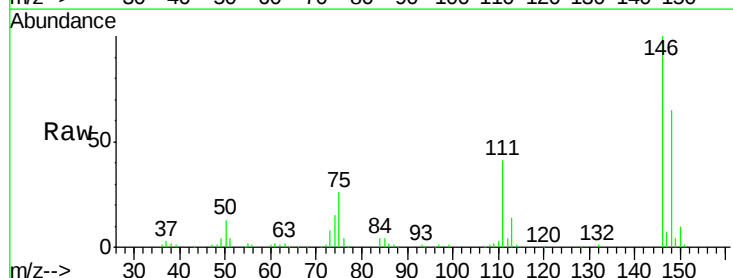
Manual Integrations
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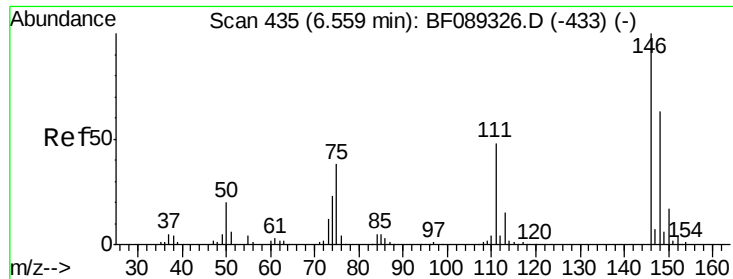
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#12
1,3-Dichlorobenzene
Concen: 40.77 ng m
RT: 6.44 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	145310		
148	65.1		50.5	75.7
75	26.1		30.0	45.0#





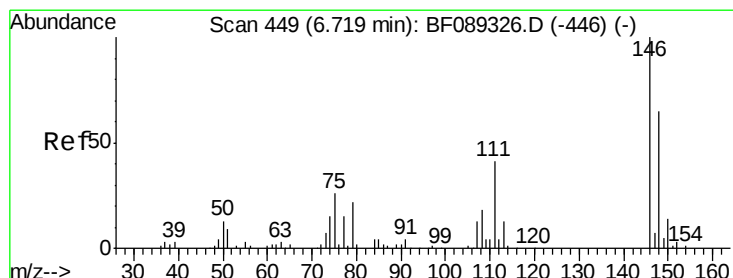
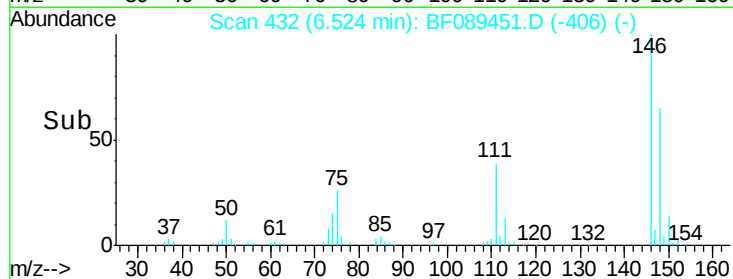
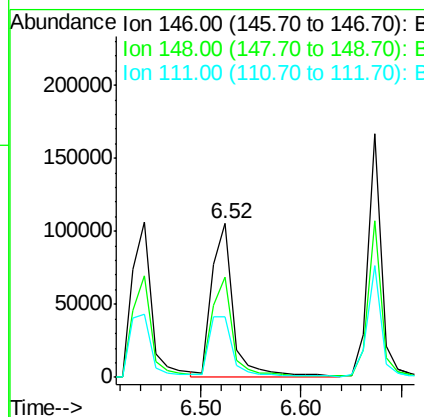
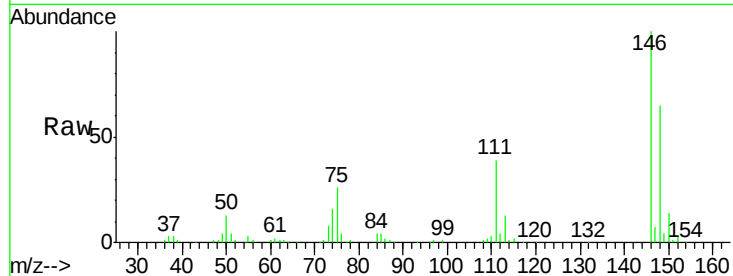
#13
 1,4-Dichlorobenzene
 Concen: 40.21 ng
 RT: 6.52 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.8	76.2
111	39.3	38.6	57.8

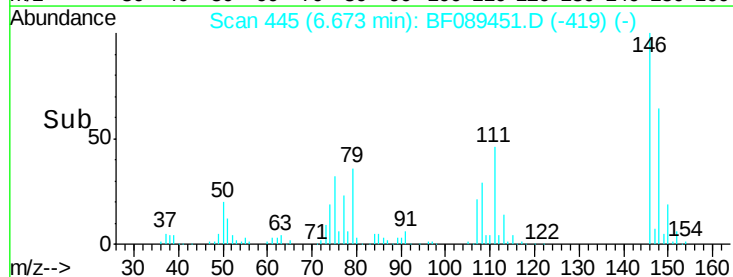
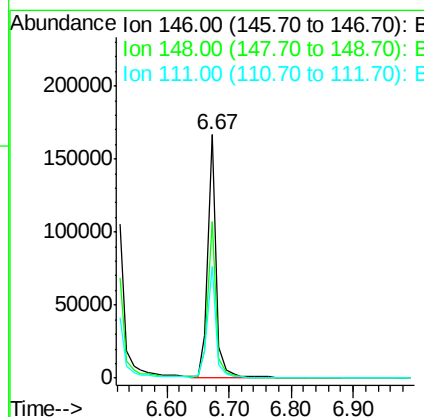
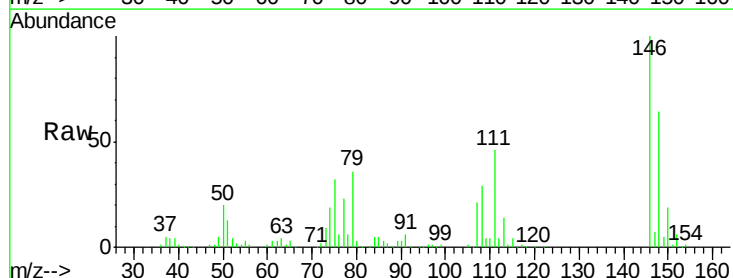
Manual Integrations
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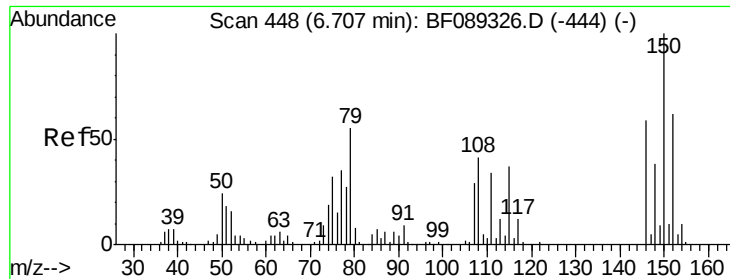
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#14
 1,2-Dichlorobenzene
 Concen: 44.10 ng
 RT: 6.67 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
111	45.7	33.0	49.4





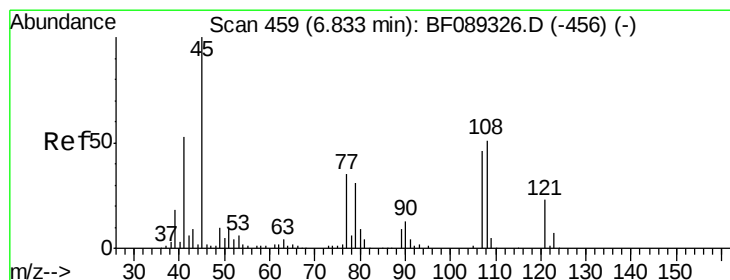
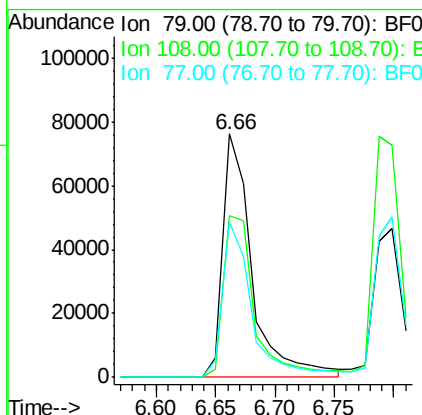
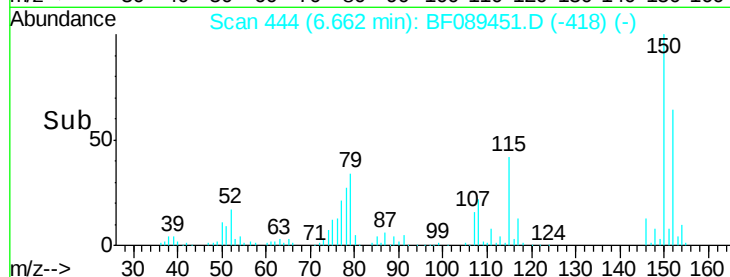
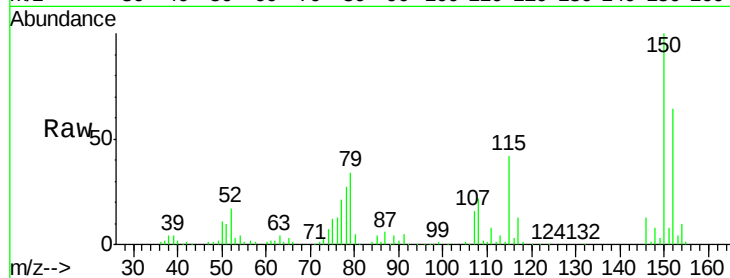
#15
Benzyl Alcohol
Concen: 52.65 ng
RT: 6.66 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SB-44-7.0-8.0MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.6	59.8	89.6
77	63.7	51.7	77.5

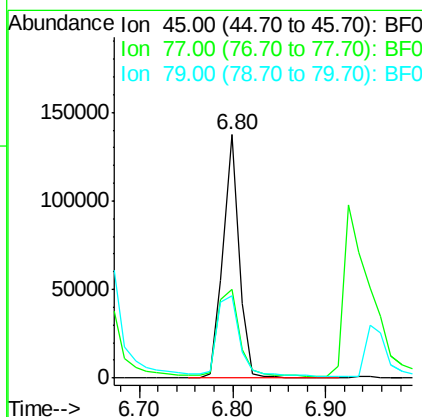
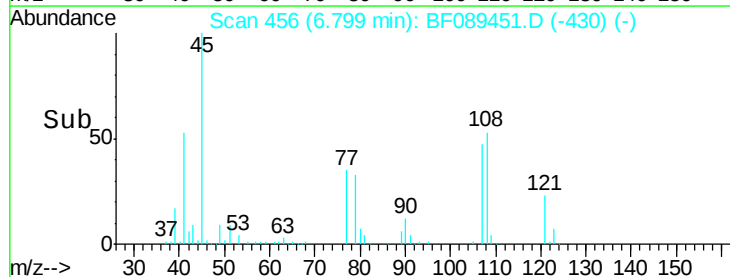
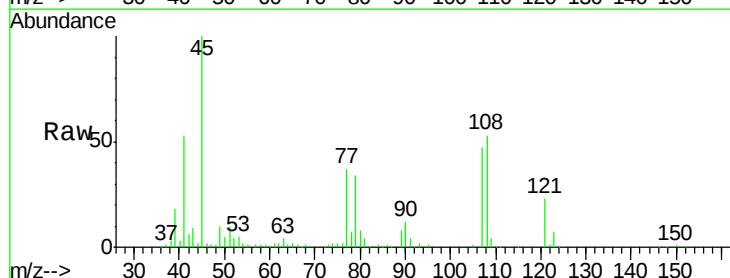
Manual Integrations
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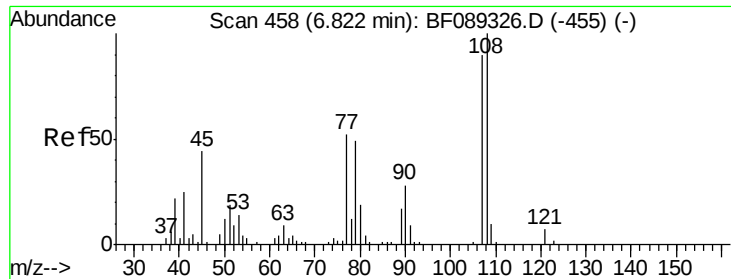
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.98 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	36.6	17.3	57.3
79	33.9	13.9	53.9





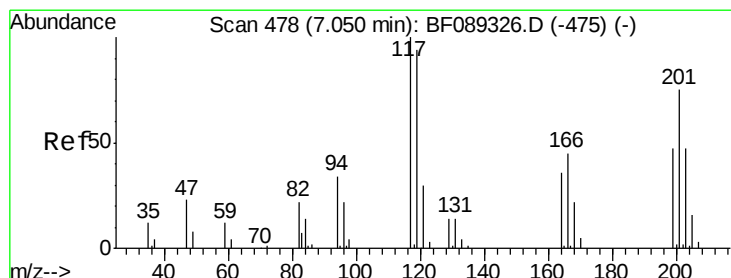
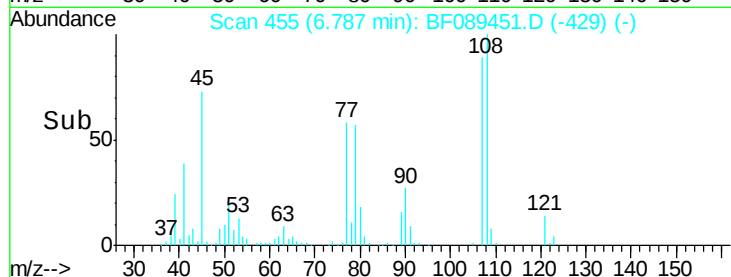
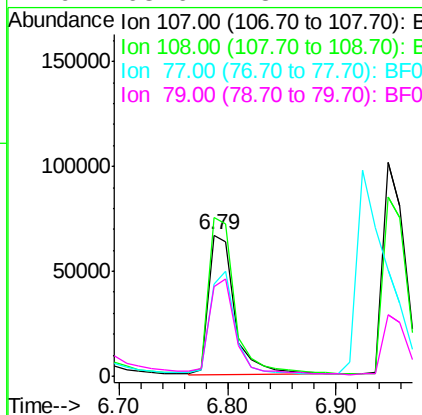
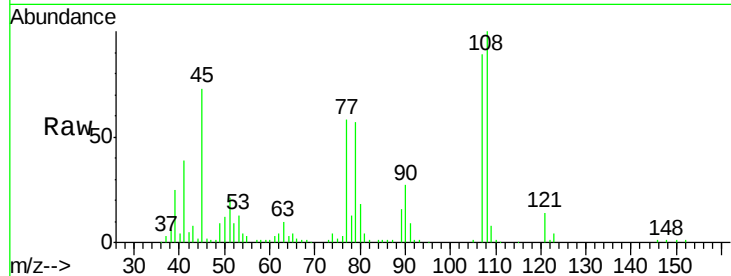
#17
2-Methylphenol
Concen: 42.48 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SB-44-7.0-8.0MSD

Tot Ion	107	Resp	111876
Ion	Ratio	Lower	Upper
107	100		
108	112.4	91.4	137.0
77	65.6	48.6	73.0
79	63.6	48.2	72.4

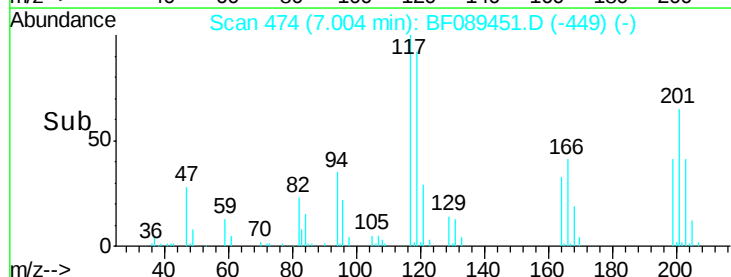
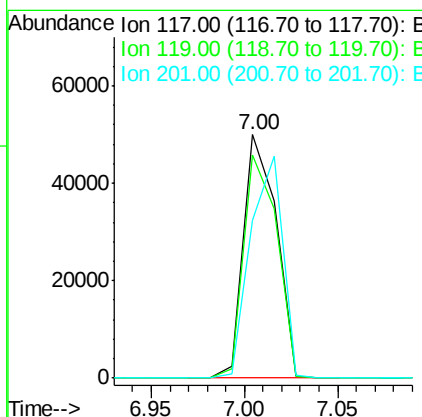
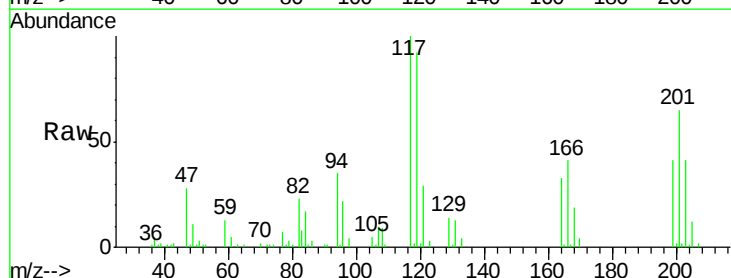
Manual Integrations
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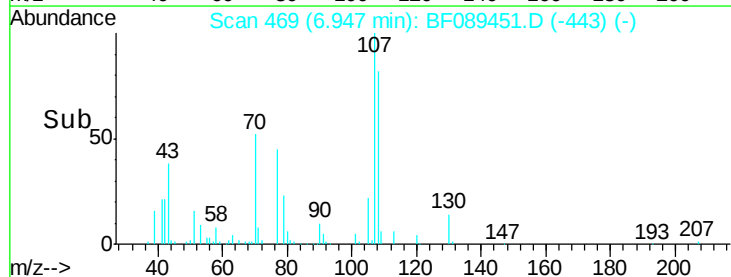
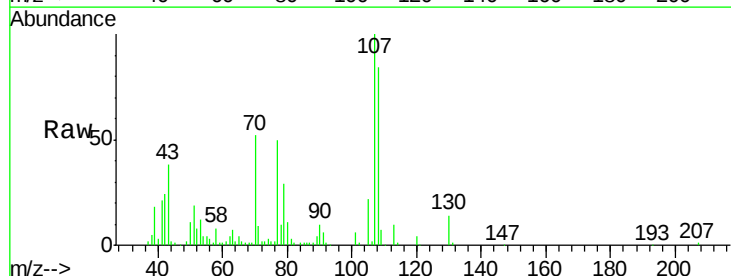
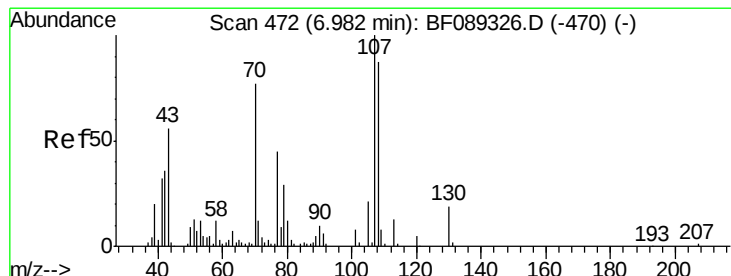
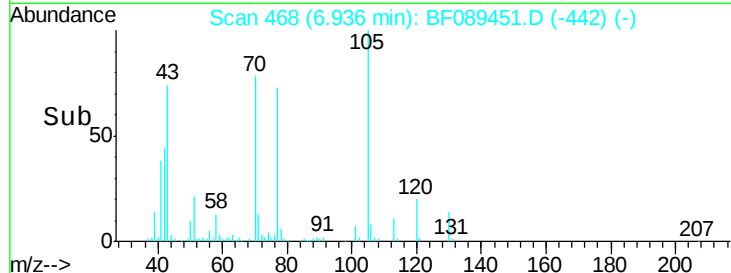
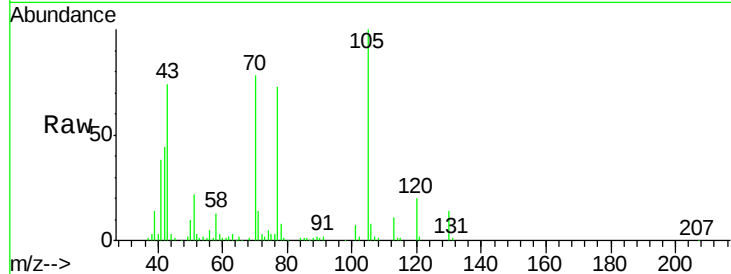
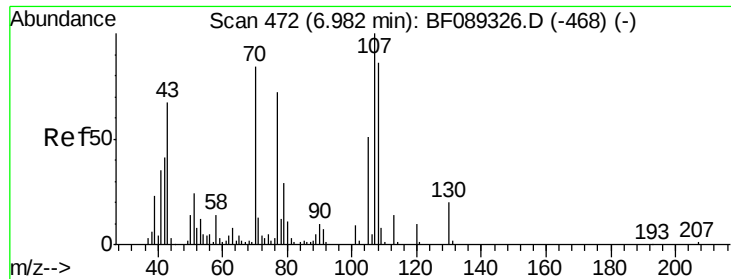
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#18
Hexachloroethane
Concen: 40.54 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.01 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Tgt Ion	117	Resp	61140
Ion	Ratio	Lower	Upper
117	100		
119	91.6	76.0	114.0
201	64.8	60.0	90.0





#19

n-Nitroso-di-n-propylamine

Concen: 46.65 ng

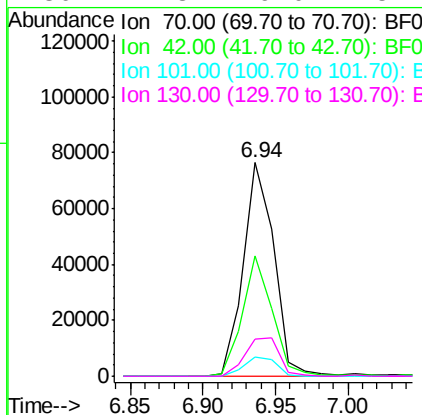
RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.3	38.6	57.8
101	9.0	8.3	12.5
130	17.3	19.0	28.4#



Instrument :

BNA_F

ClientSampleId :

SB-44-7.0-8.0MSD

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#20

3+4-Methylphenols

Concen: 46.54 ng

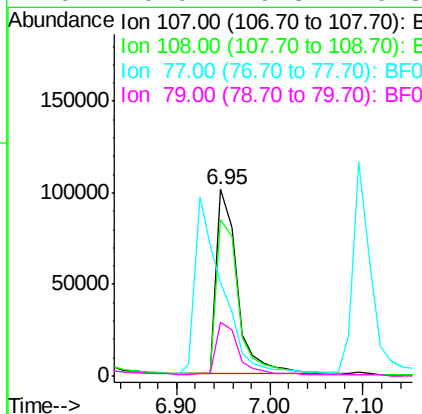
RT: 6.95 min Scan# 469

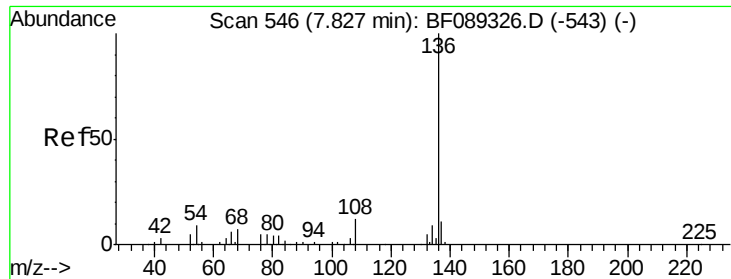
Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.0	63.3	103.3
77	50.0	51.1	91.1#
79	29.0	9.3	49.3





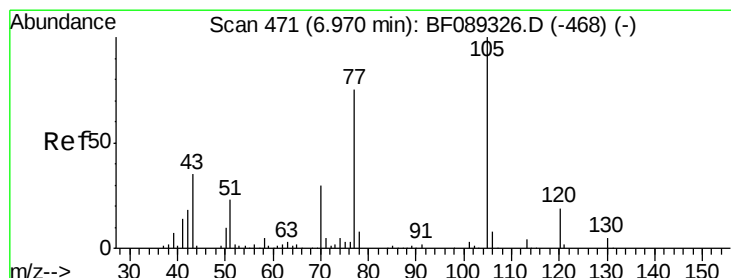
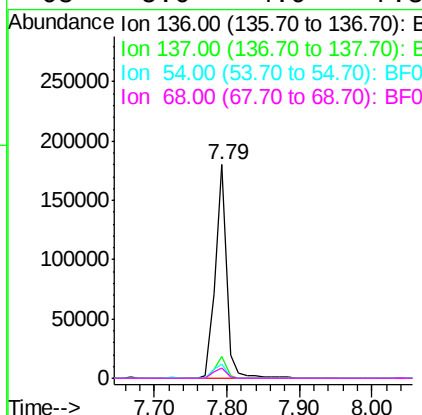
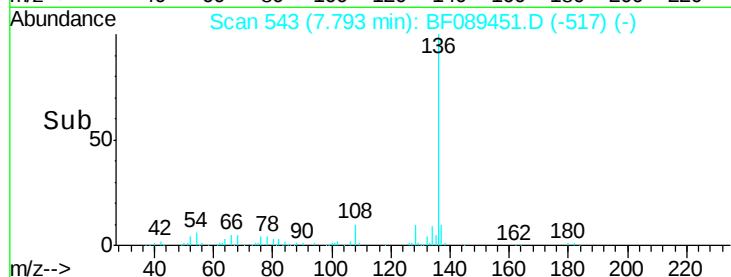
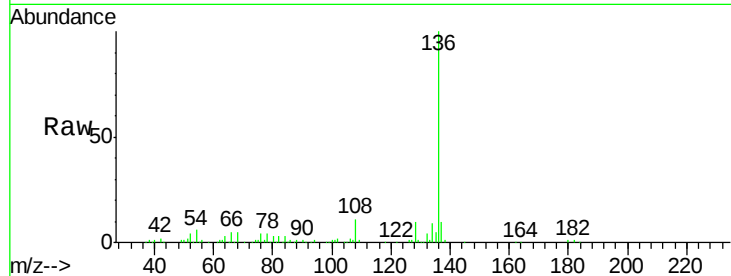
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SB-44-7.0-8.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	198485		
137	10.5	8.6	13.0	
54	6.4	7.0	10.4	
68	5.0	4.9	7.3	

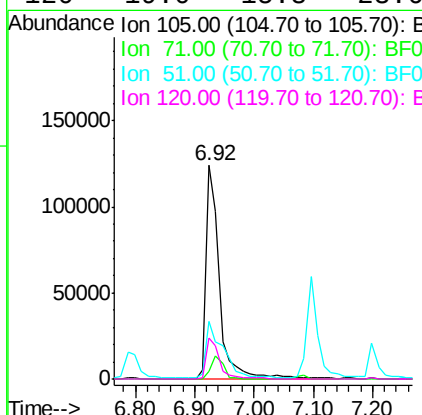
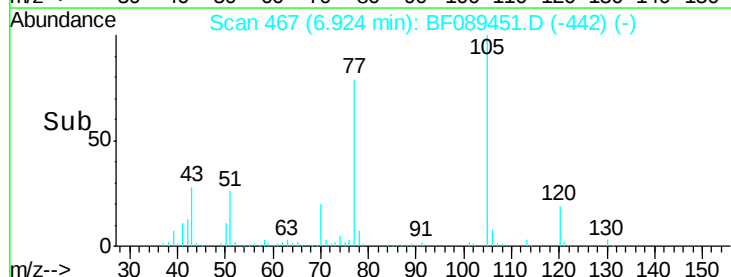
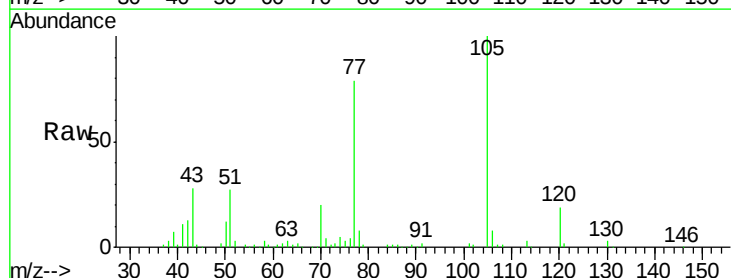
Manual Integrations
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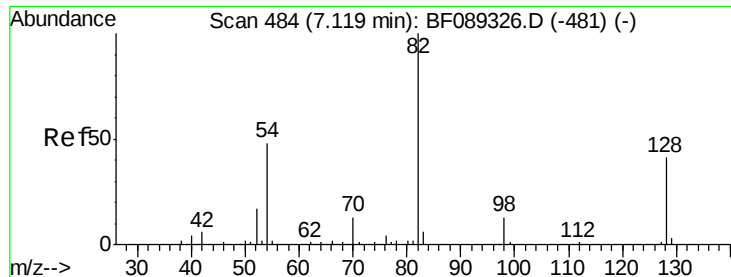
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#22
Acetophenone
Concen: 42.14 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	199113		
71	3.7	4.2	6.2	
51	26.8	18.7	28.1	
120	19.0	15.8	23.6	





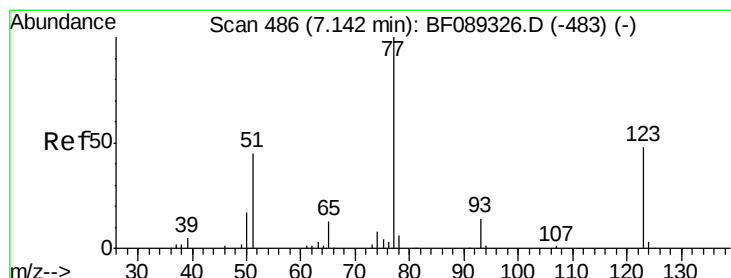
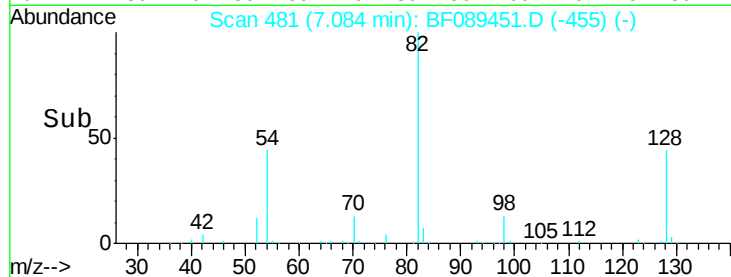
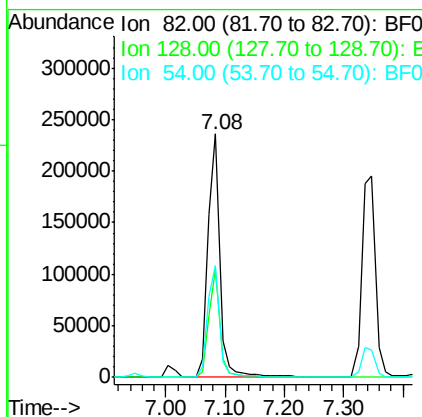
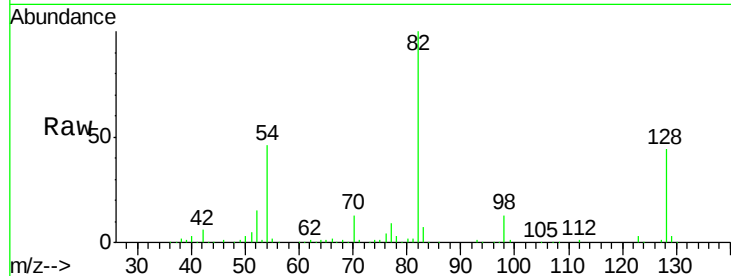
#23
Nitrobenzene-d5
Concen: 99.12 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SB-44-7.0-8.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	333322		
128	44.2	32.5	48.7	
54	45.8	38.8	58.2	

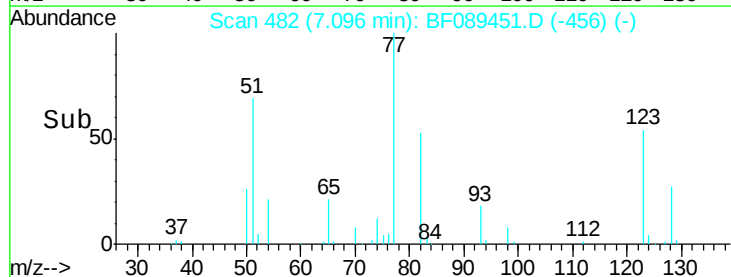
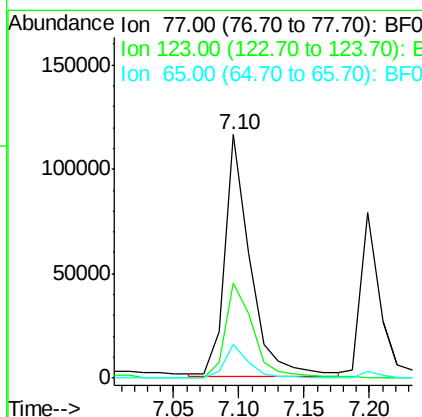
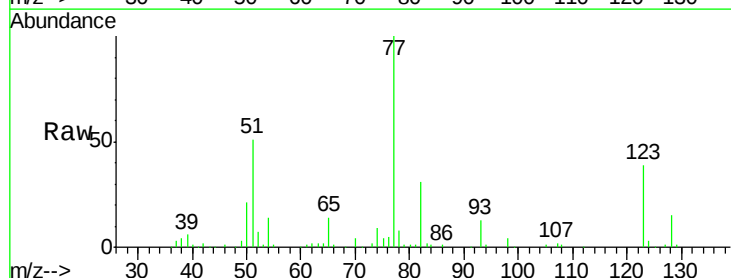
Manual Integrations
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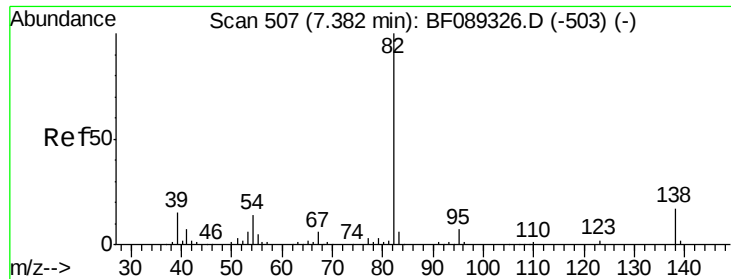
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#24
Nitrobenzene
Concen: 40.86 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	156399		
123	39.0	37.2	55.8	
65	13.9	10.2	15.4	





#25

Isophorone

Concen: 45.35 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Instrument :

BNA_F

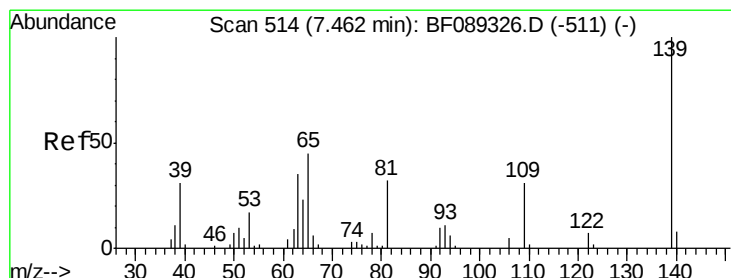
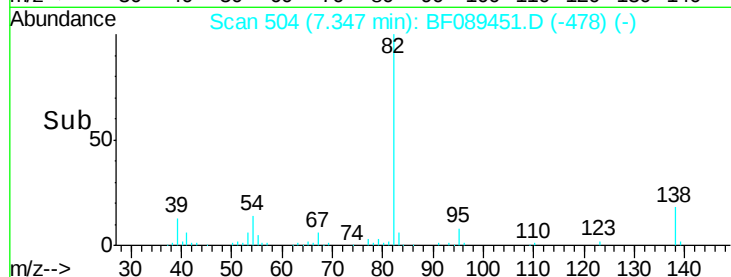
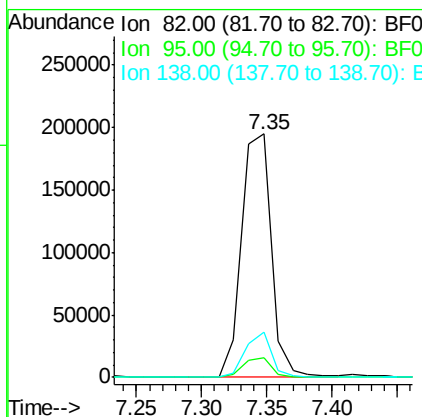
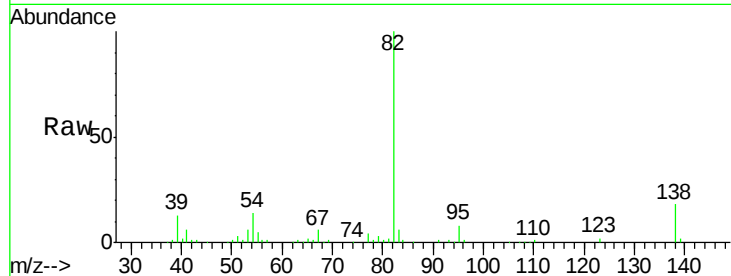
ClientSampleId :

SB-44-7.0-8.0MSD

Tot Ion:	82	Resp:	307203
Ion Ratio		Lower	Upper
82	100		
95	7.9	6.0	9.0
138	18.4	13.3	19.9

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#26

2-Nitrophenol

Concen: 49.42 ng

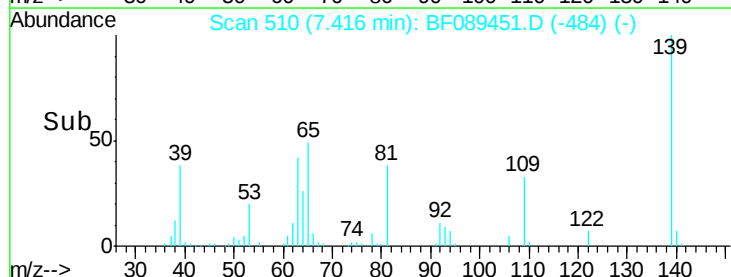
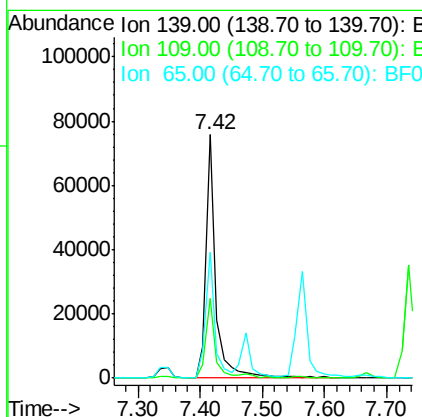
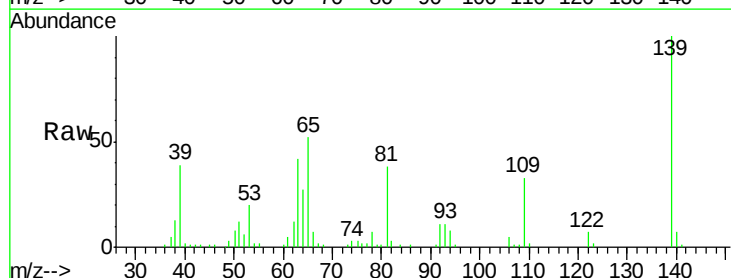
RT: 7.42 min Scan# 510

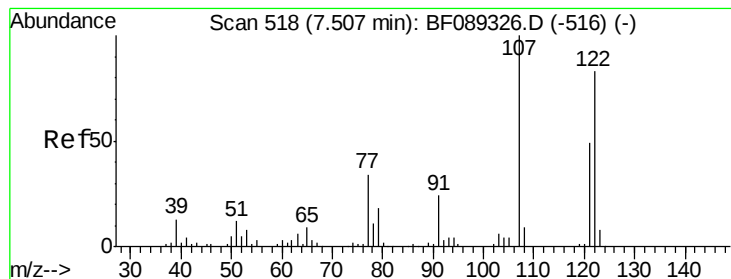
Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Tgt Ion:	139	Resp:	84564
Ion Ratio		Lower	Upper
139	100		
109	32.6	25.8	38.8
65	51.6	35.2	52.8





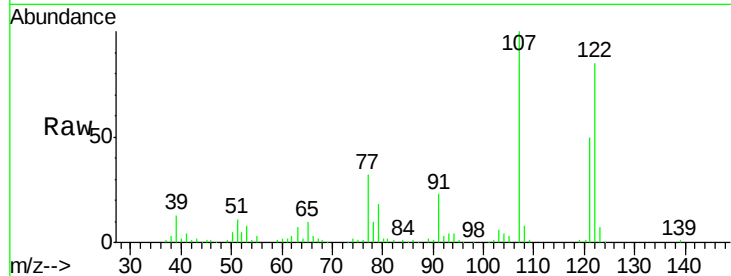
#27
 2,4-Dimethylphenol
 Concen: 46.27 ng
 RT: 7.47 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0MSD

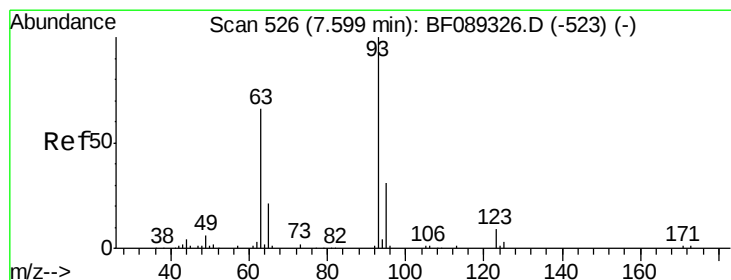
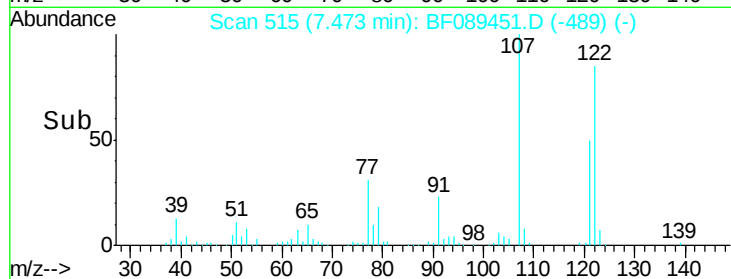
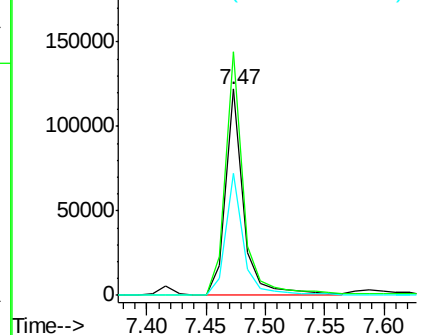
Tot Ion	Ratio	Resp	Lower	Upper
122	100	126131		
107	118.2	97.2	145.8	
121	59.0	48.8	73.2	

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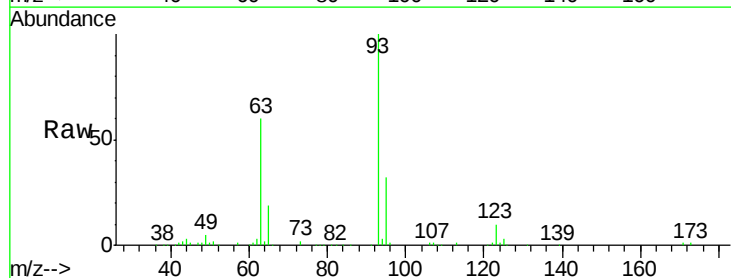


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

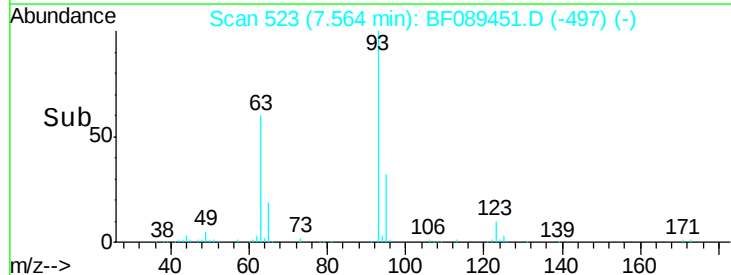
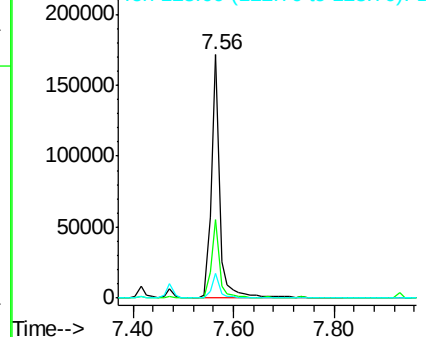


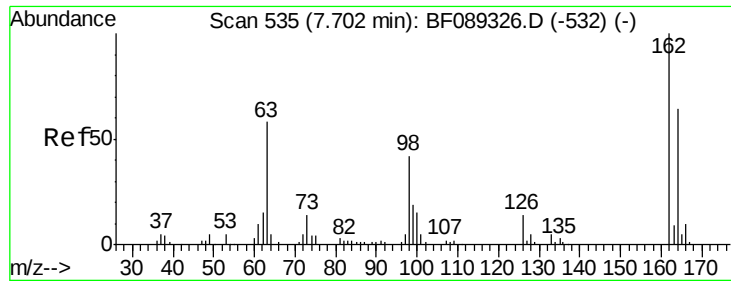
#28
 bis(2-Chloroethoxy)methane
 Concen: 53.85 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	201911		
95	32.0	24.7	37.1	
123	10.3	7.5	11.3	



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





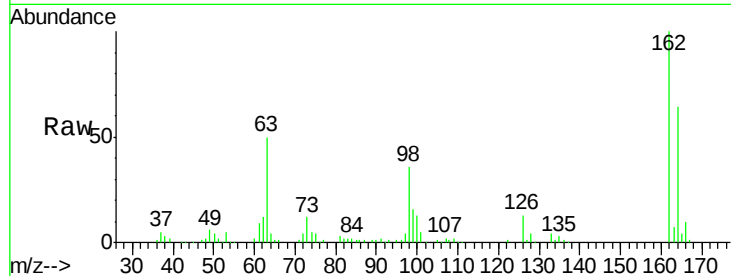
#29
 2,4-Dichlorophenol
 Concen: 49.82 ng
 RT: 7.67 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0MSD

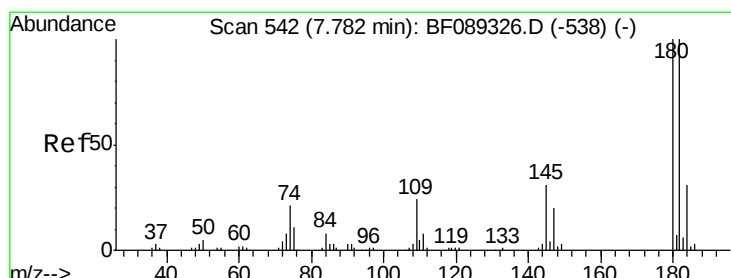
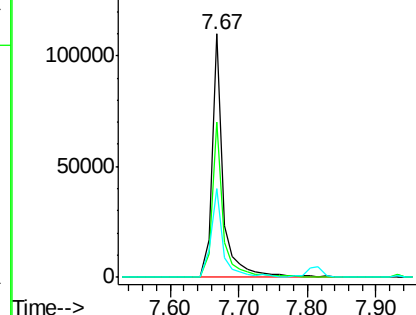
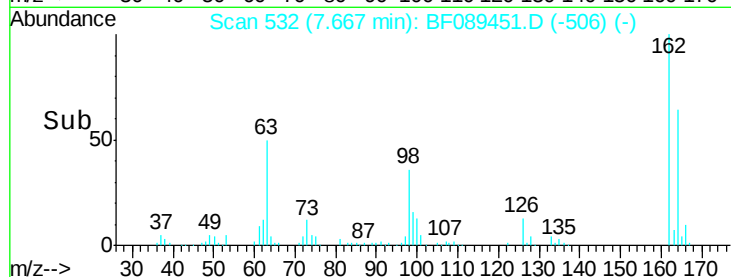
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	44.0	84.0
98	36.3	21.8	61.8

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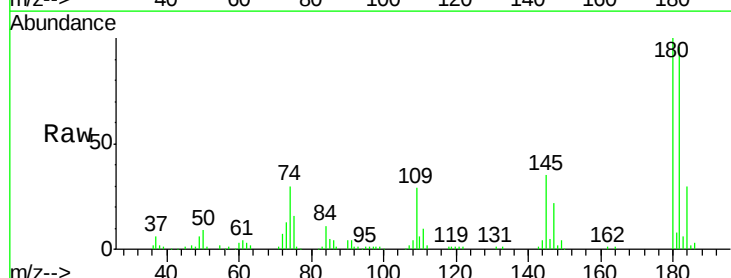


Abundance Ion 162.00 (161.70 to 162.70): E
 150000
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

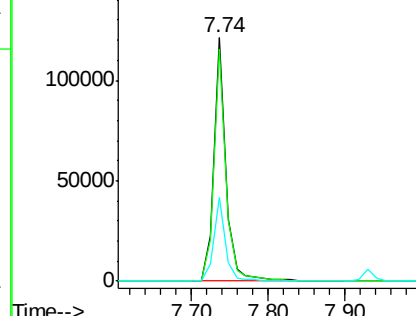
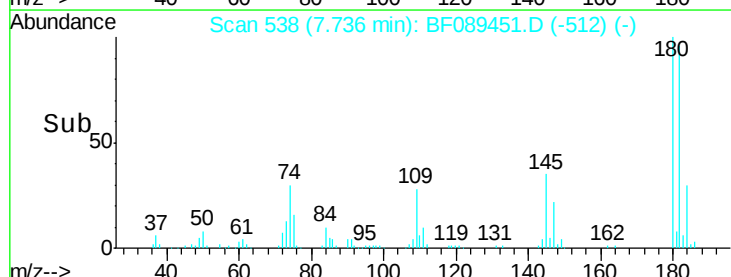


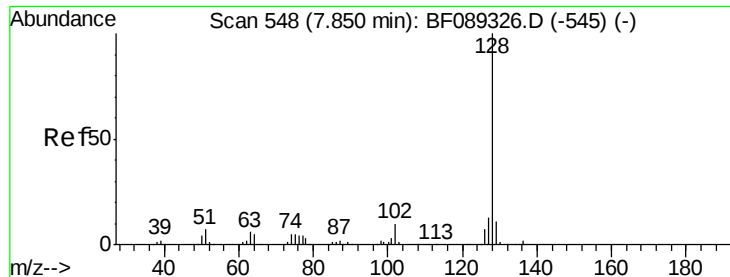
#30
 1,2,4-Trichlorobenzene
 Concen: 46.06 ng
 RT: 7.74 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.5	78.2	117.2
145	34.5	24.6	36.8



Abundance Ion 180.00 (179.70 to 180.70): E
 150000
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





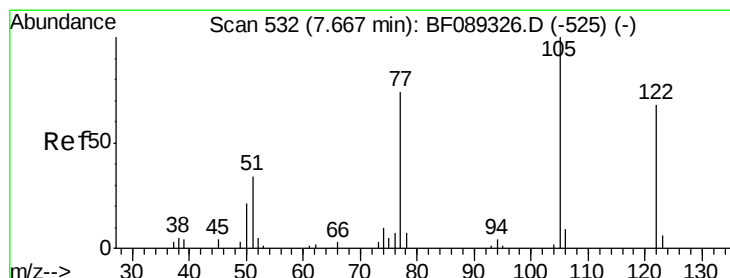
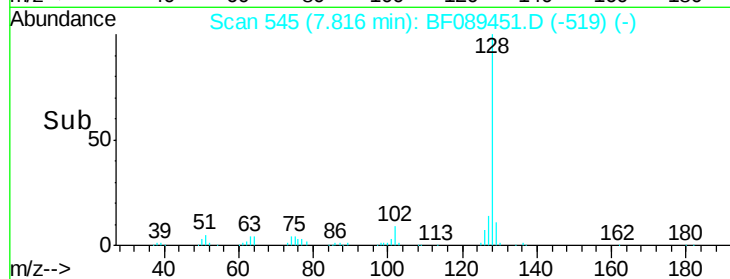
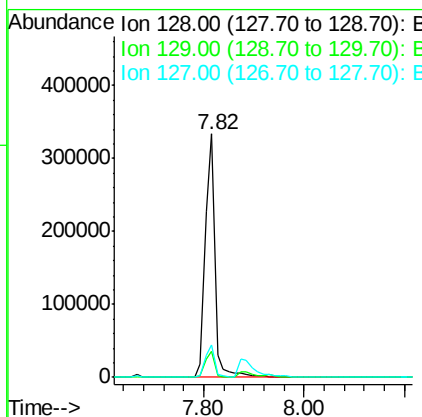
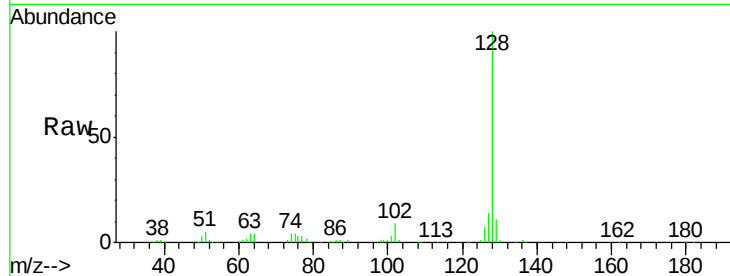
#31
Naphthalene
Concen: 46.06 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SB-44-7.0-8.0MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.5	10.8	16.2

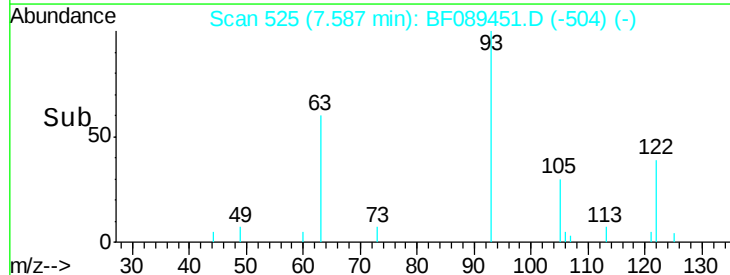
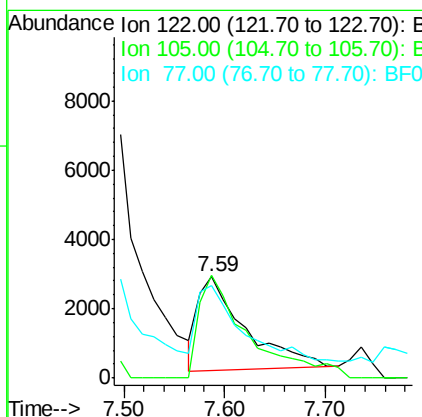
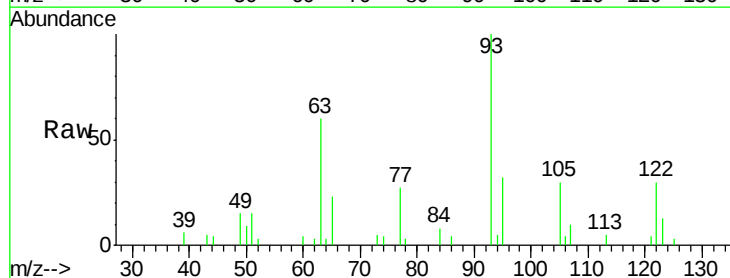
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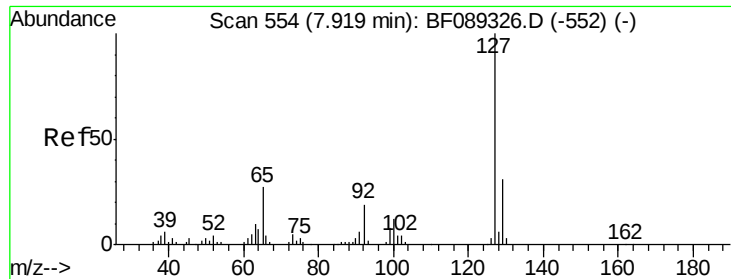
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#32
Benzoic acid
Concen: 4.58 ng
RT: 7.59 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	101.9	106.4	146.4#
77	92.1	76.4	116.4





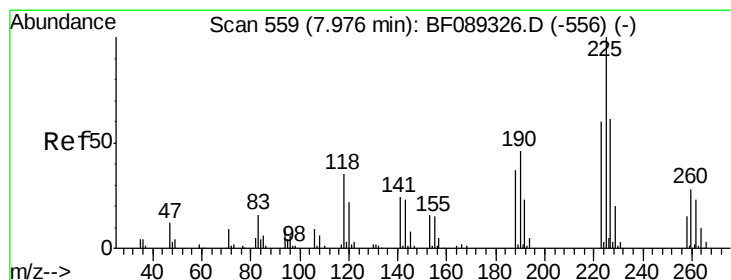
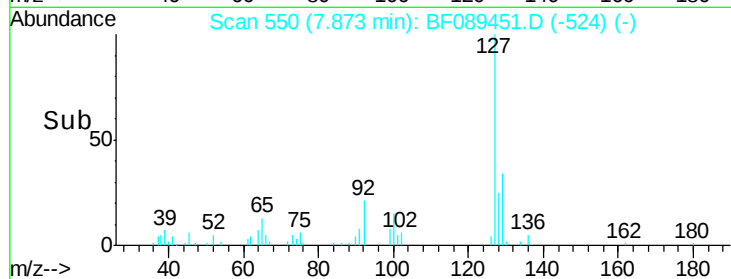
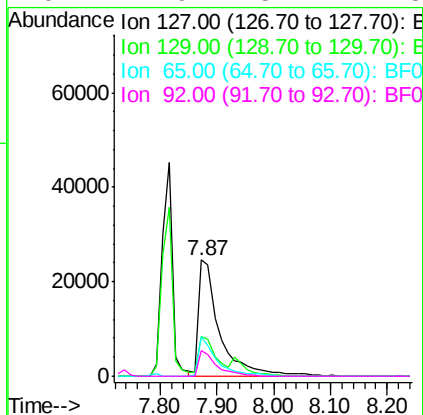
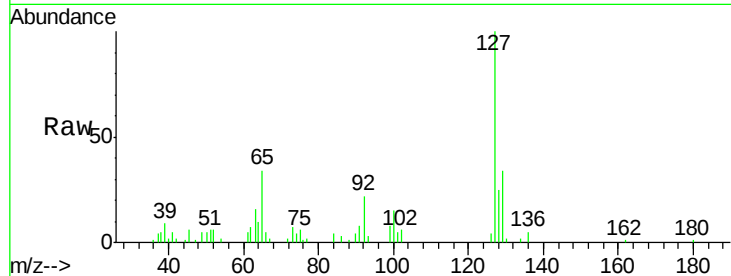
#33
4-Chloroaniline
Concen: 16.67 ng
RT: 7.87 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SB-44-7.0-8.0MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.1	39.1
65	34.4	22.0	33.0
92	21.9	15.2	22.8

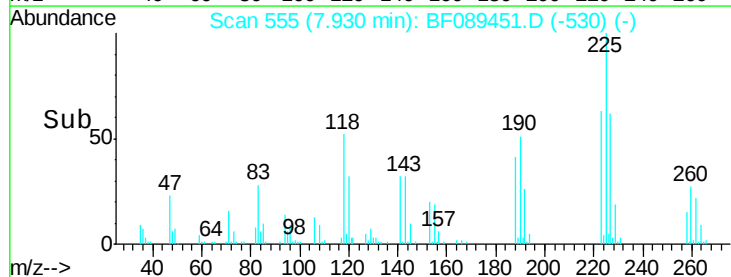
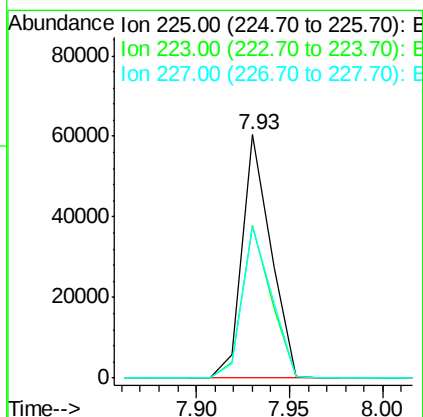
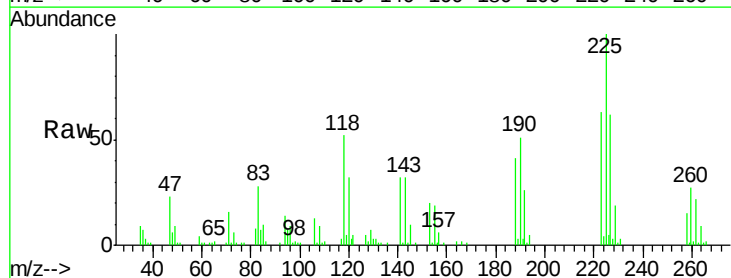
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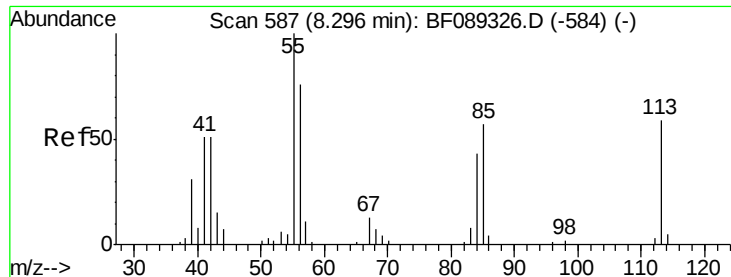
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#34
Hexachlorobutadiene
Concen: 39.84 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.8	74.8
227	62.2	49.4	74.2





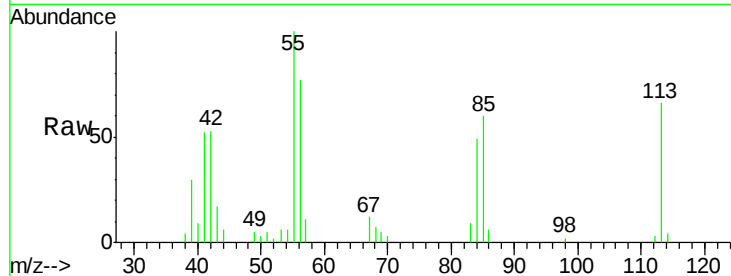
#35
Caprolactam
Concen: 48.43 ng/ml
RT: 8.26 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SB-44-7.0-8.0MSD

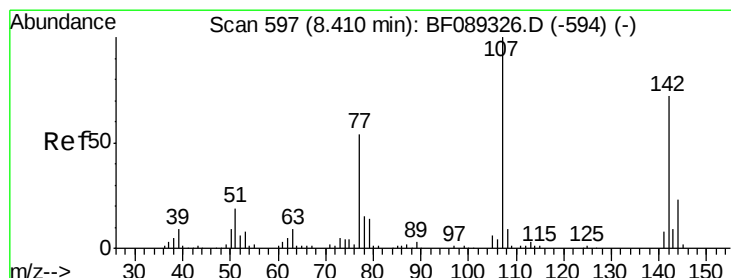
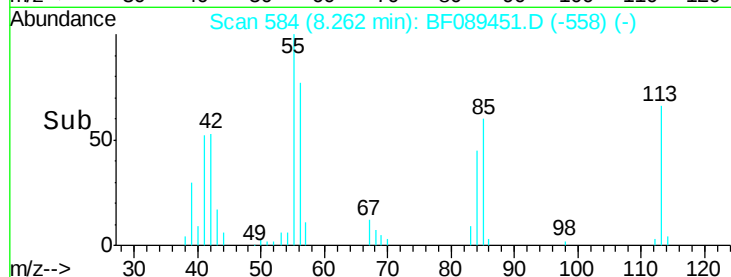
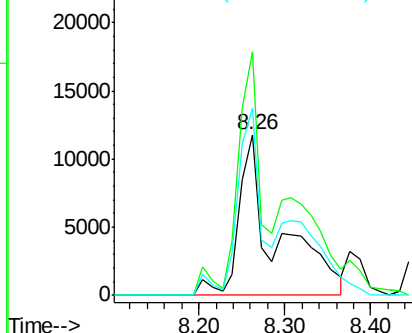
Tot Ion:113 Resp: 36309
Ion Ratio Lower Upper
113 100
55 151.6 142.3 182.3
56 116.8 105.8 145.8

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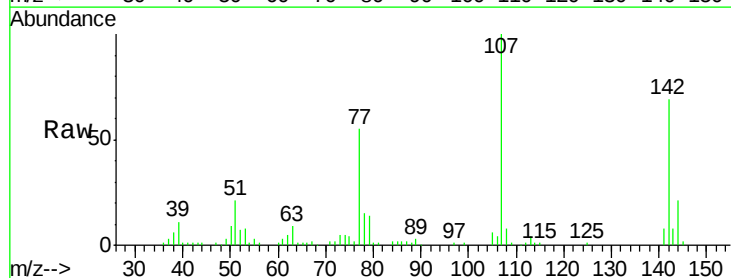


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

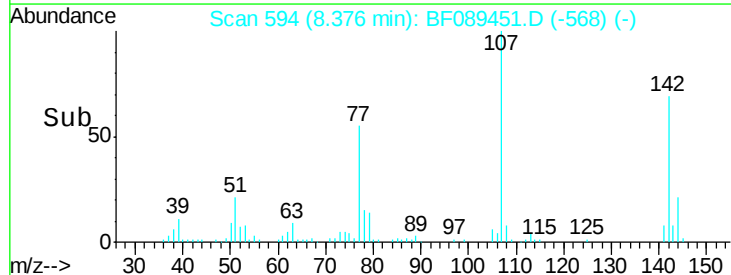
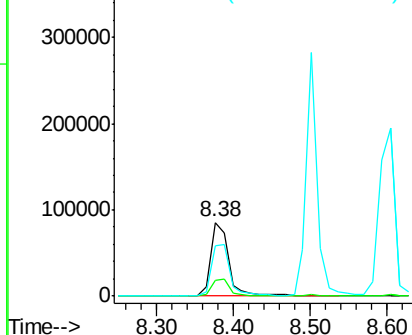


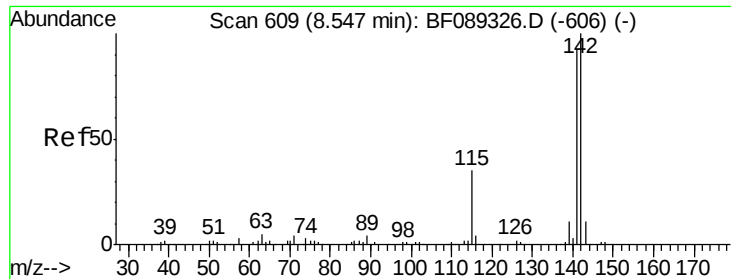
#36
4-Chloro-3-methylphenol
Concen: 47.28 ng/ml
RT: 8.38 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Tgt Ion:107 Resp: 139571
Ion Ratio Lower Upper
107 100
144 21.4 18.4 27.6
142 68.7 58.6 87.8



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





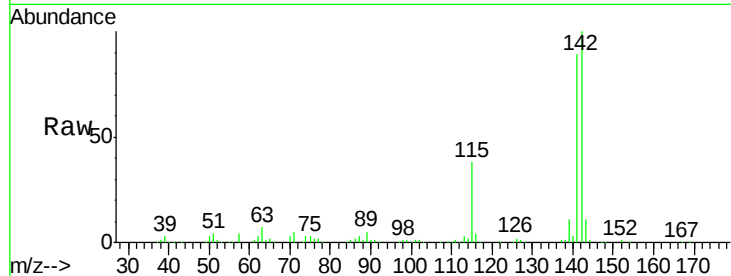
#37
 2-Methylnaphthalene
 Concen: 47.68 ng
 RT: 8.50 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0MSD

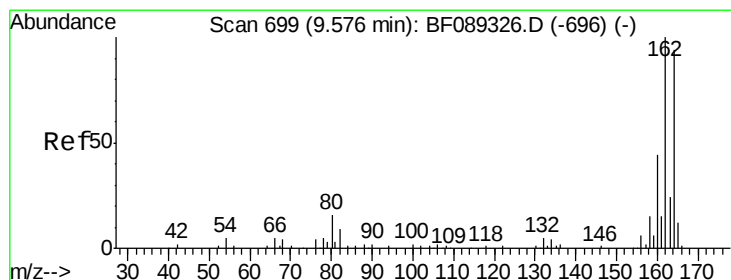
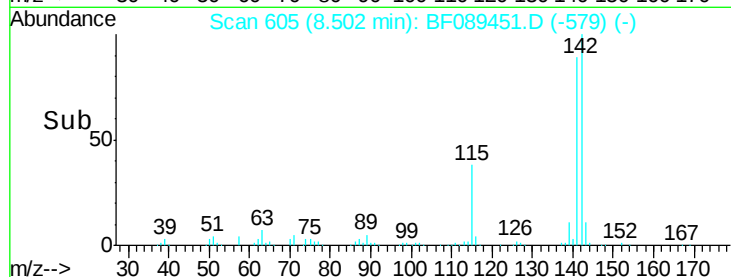
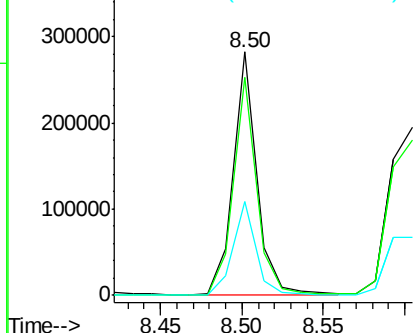
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.9	106.3
115	38.4	27.6	41.4

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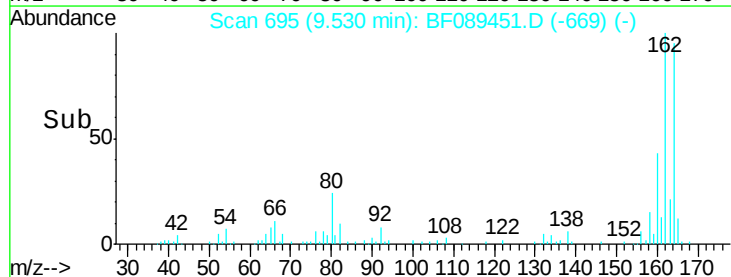
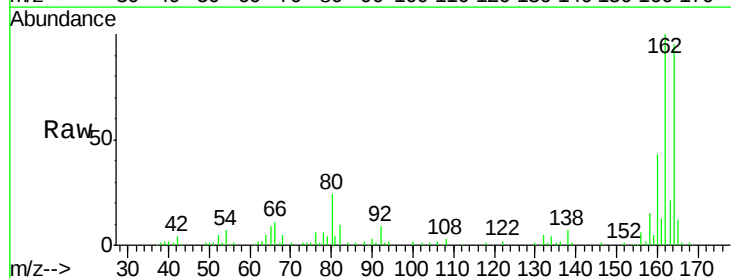
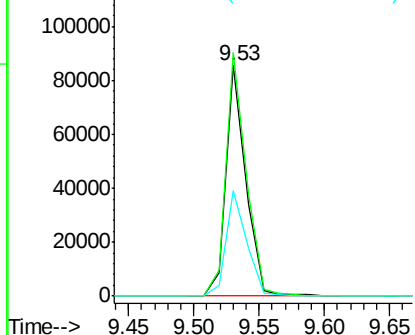
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

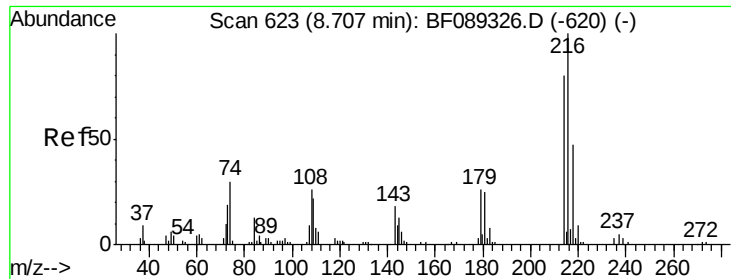


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.7	125.5
160	45.8	37.8	56.6

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





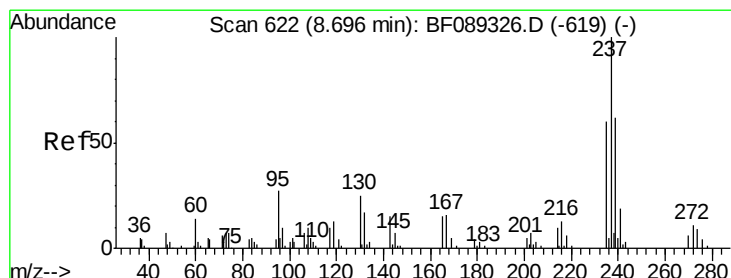
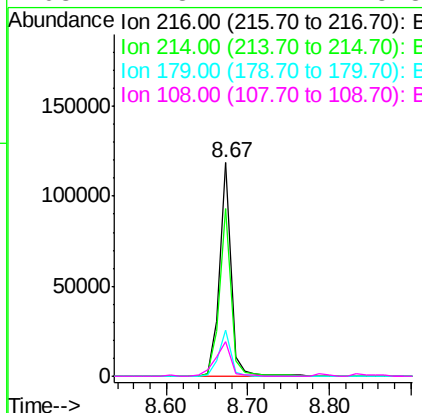
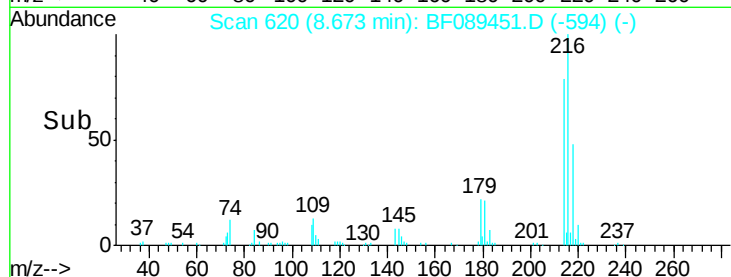
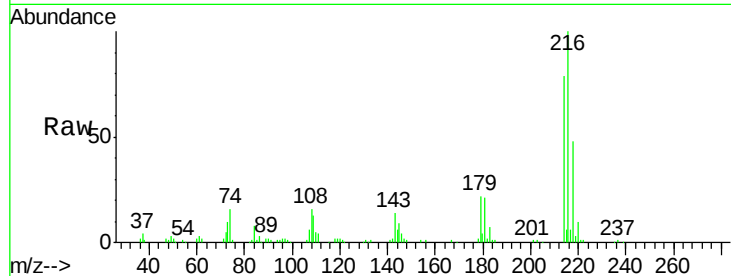
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.74 ng
 RT: 8.67 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		116512		
214	79.1	63.3	94.9		
179	22.2	18.1	27.1		
108	21.8	17.2	25.8		

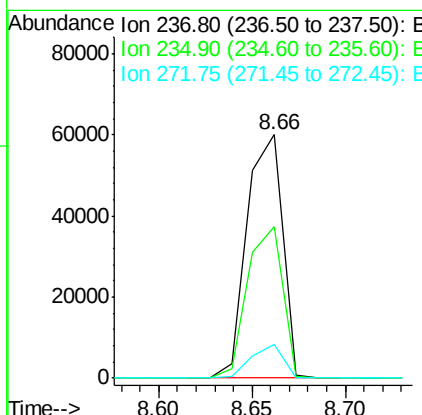
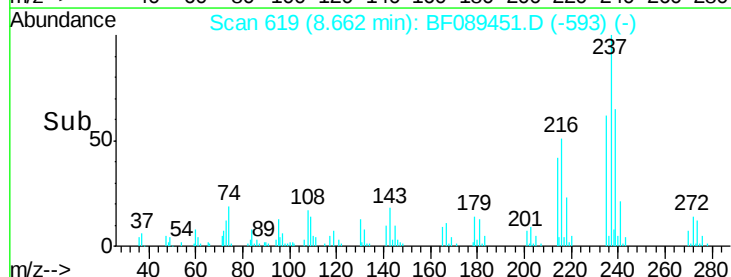
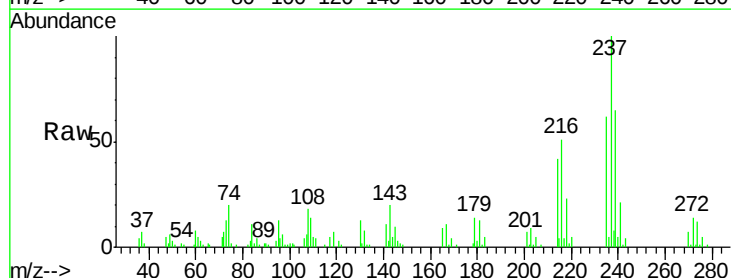
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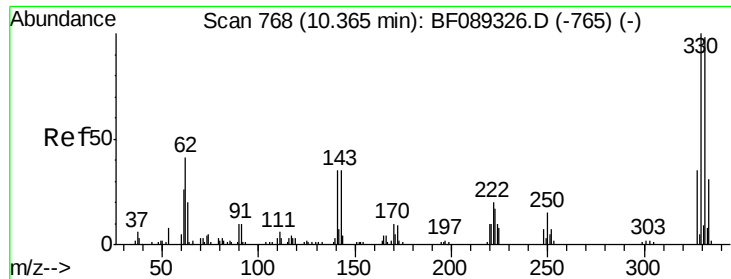
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#40
 Hexachlorocyclopentadiene
 Concen: 86.84 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		79264		
235	62.3	41.6	81.6		
272	14.1	0.0	30.8		





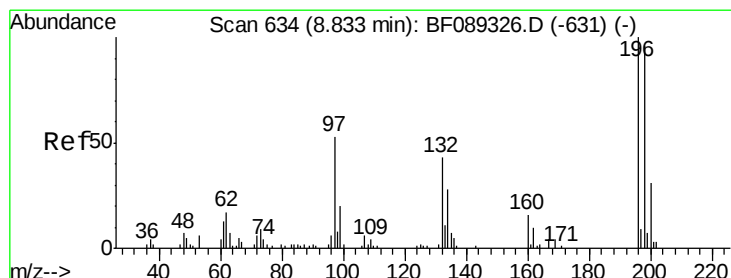
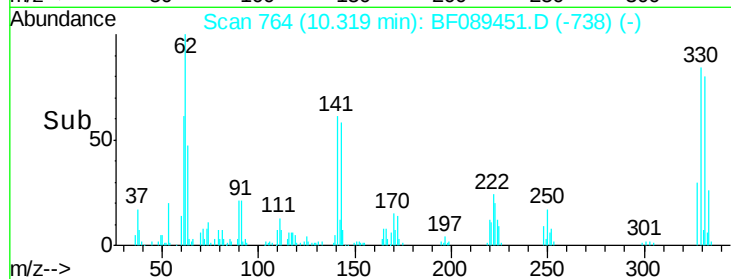
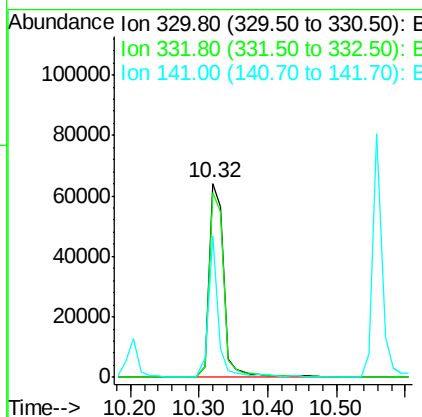
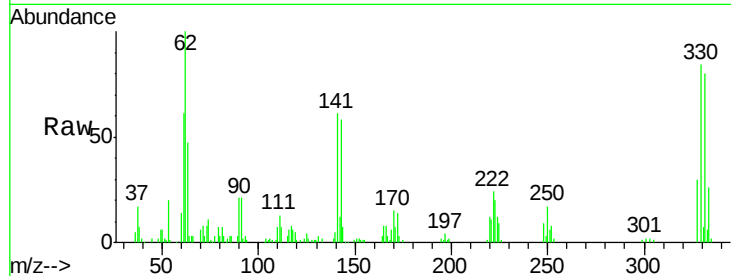
#41
 2,4,6-Tribromophenol
 Concen: 128.36 ng
 RT: 10.32 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.8	115.2
141	48.3	37.3	55.9

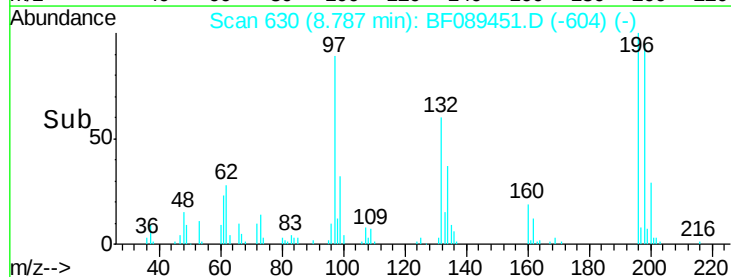
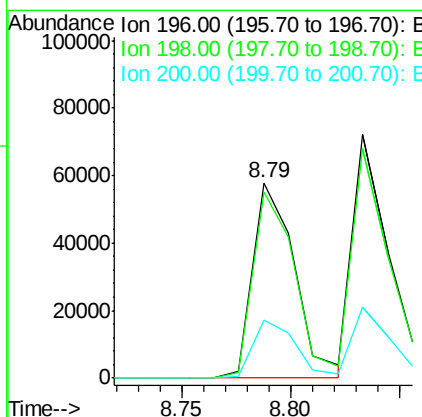
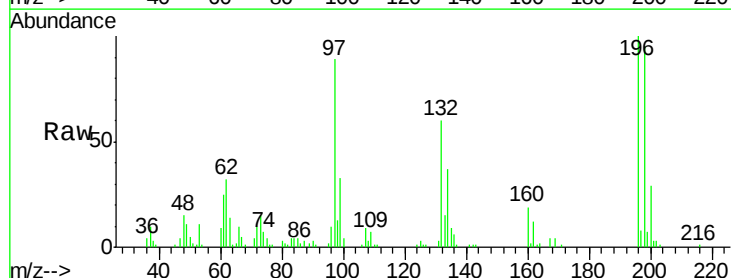
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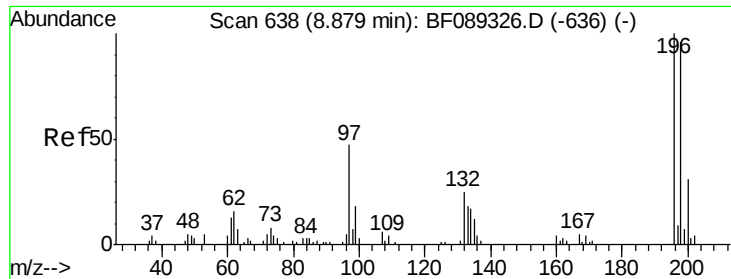
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#42
 2,4,6-Trichlorophenol
 Concen: 51.51 ng
 RT: 8.79 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.5	113.3
200	29.4	23.9	35.9





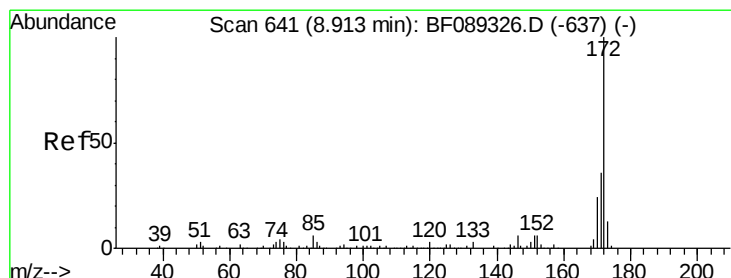
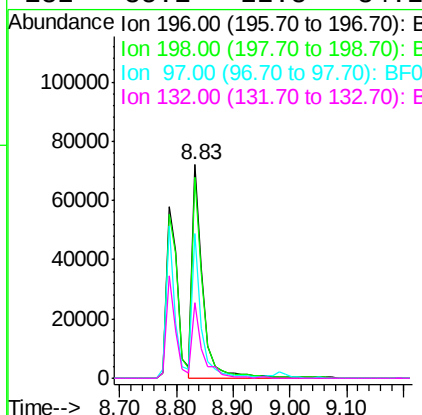
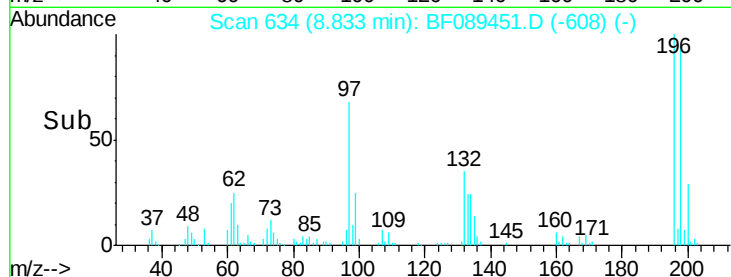
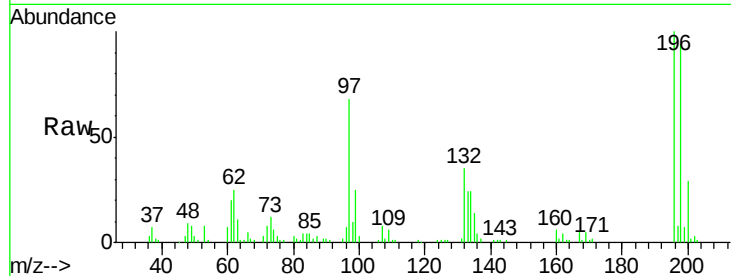
#43
 2,4,5-Trichlorophenol
 Concen: 49.88 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0MSD

Tot Ion:	196	Resp:	95255
Ion Ratio	Lower	Upper	
196	100		
198	94.3	78.7	118.1
97	67.9	39.7	59.5#
132	35.1	22.8	34.2#

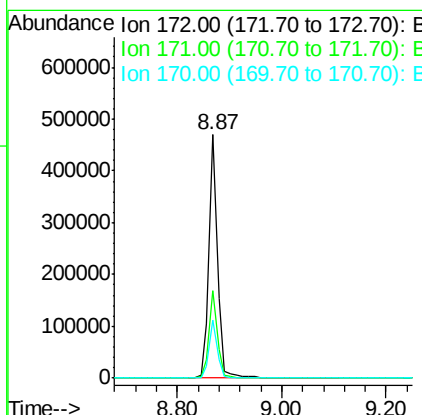
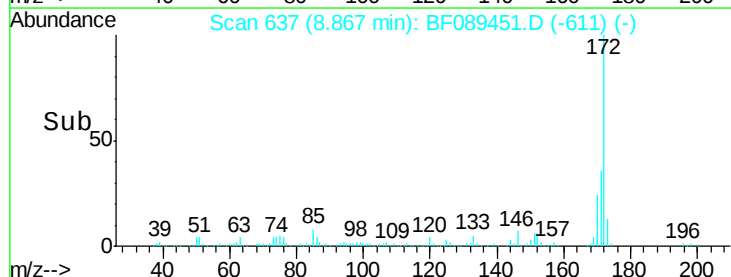
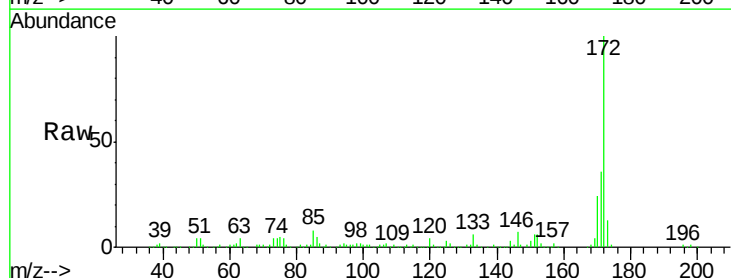
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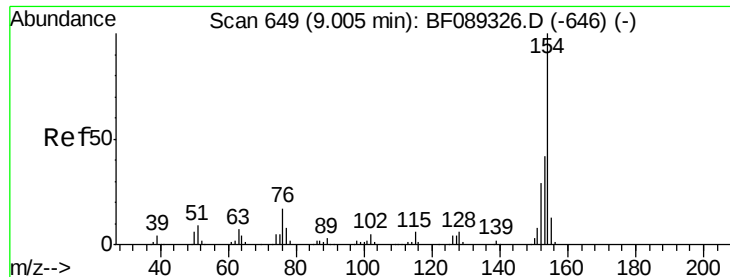
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#44
 2-Fluorobiphenyl
 Concen: 86.42 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Tgt Ion:	172	Resp:	533601
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.2	43.8
170	23.7	19.2	28.8





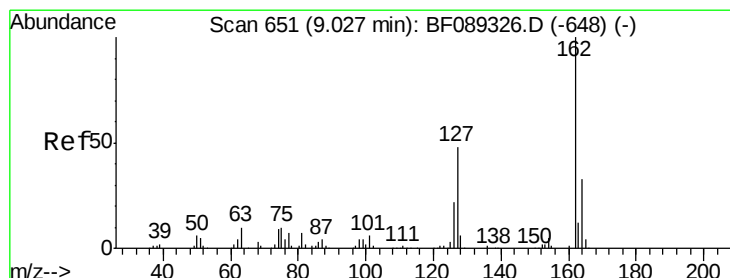
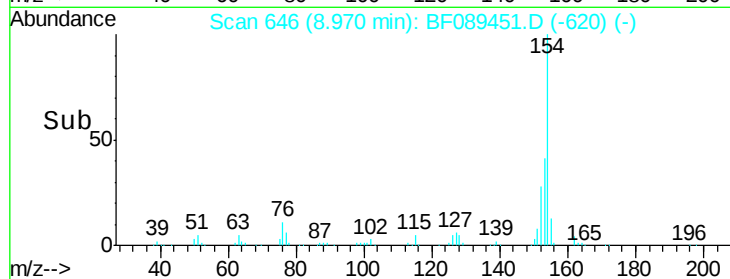
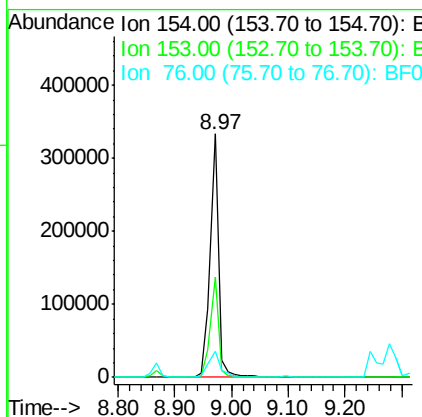
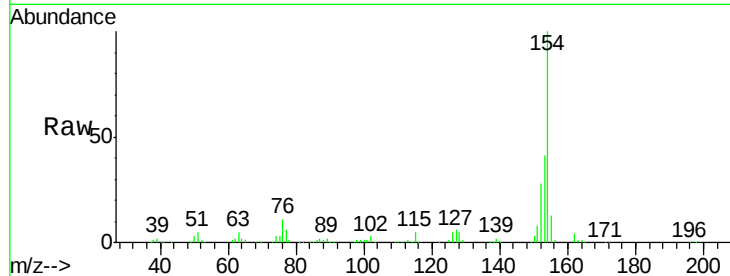
#45
 1,1'-Biphenyl
 Concen: 42.83 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.0	61.0
76	10.7	0.0	36.6

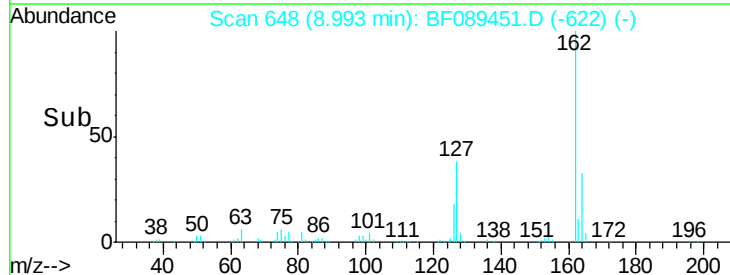
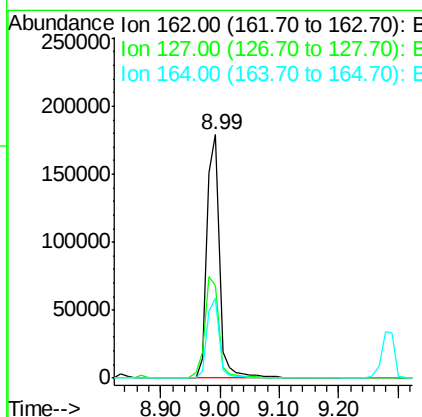
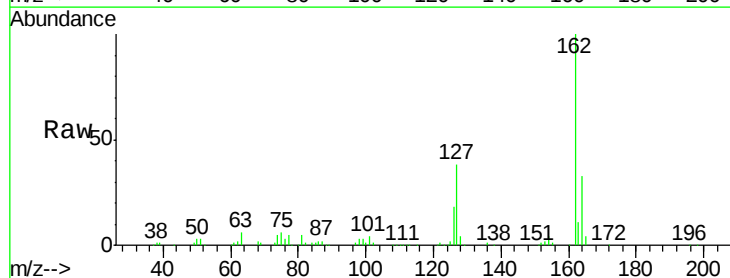
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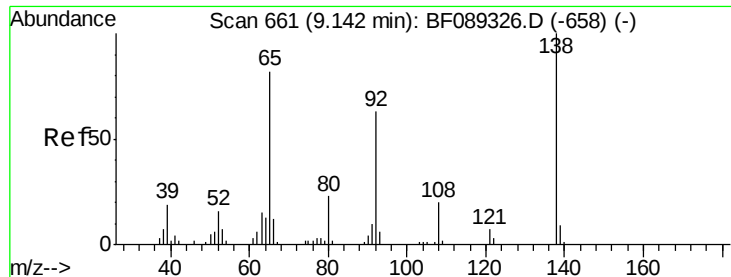
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#46
 2-Chloronaphthalene
 Concen: 46.08 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.9	37.8	56.8
164	32.8	25.8	38.8





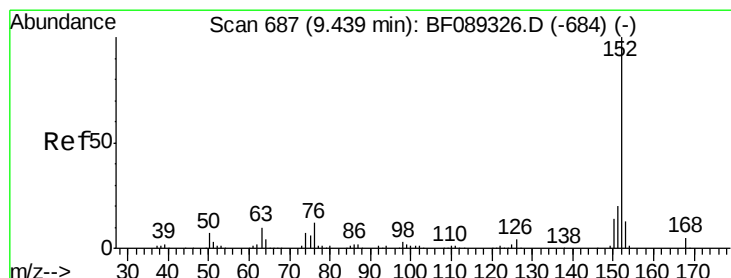
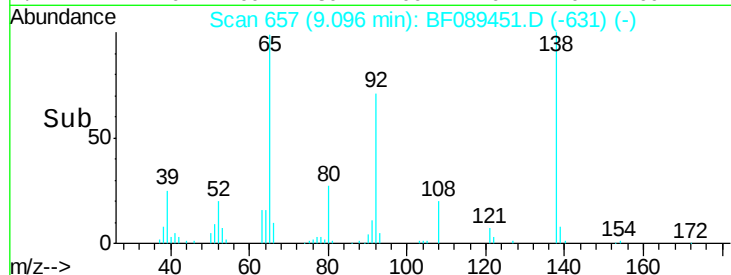
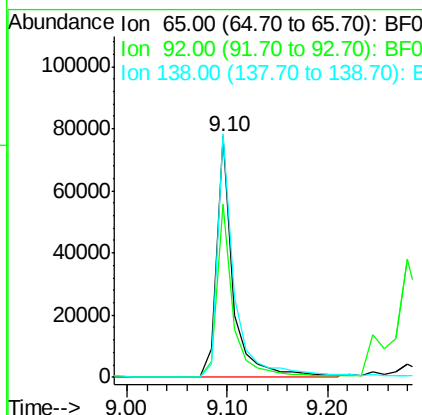
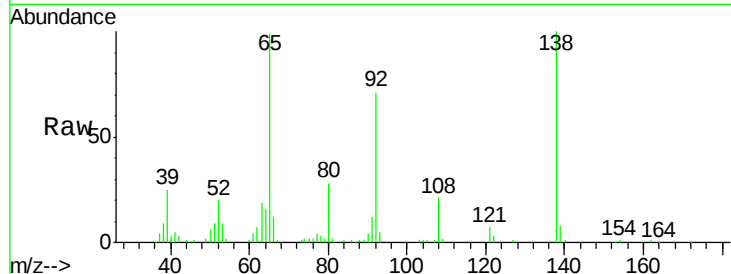
#47
2-Nitroaniline
Concen: 51.37 ng
RT: 9.10 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SB-44-7.0-8.0MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.0	61.0	91.4
138	101.1	99.1	148.7

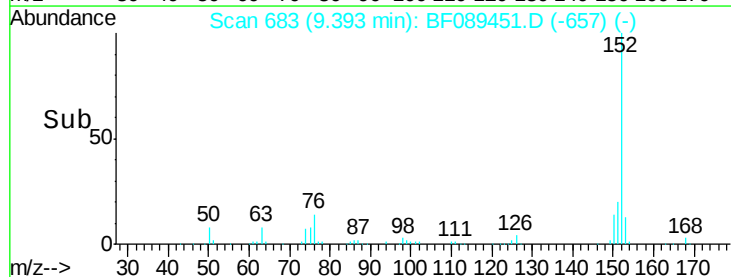
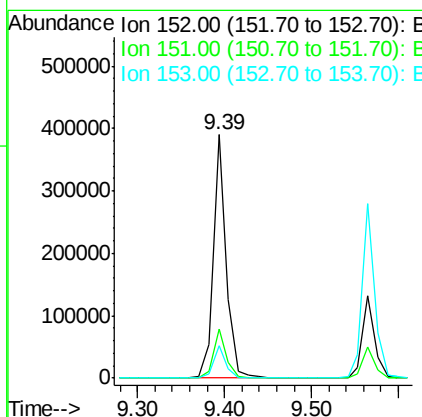
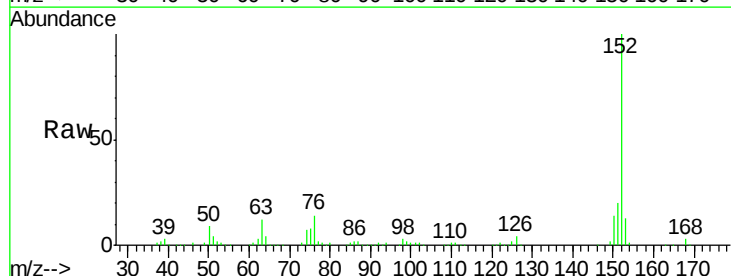
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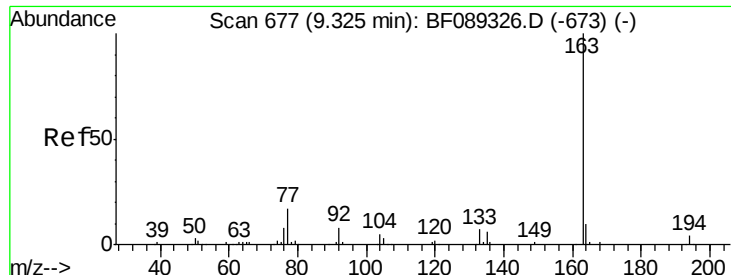
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#48
Acenaphthylene
Concen: 44.98 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.3	10.2	15.4





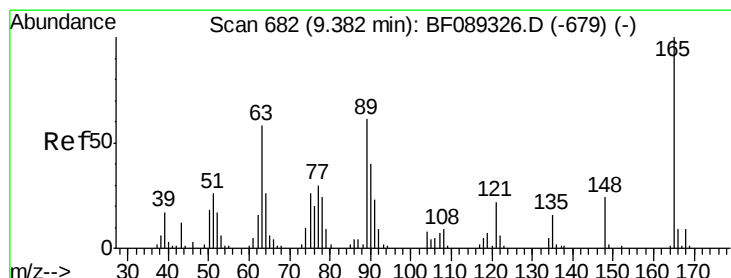
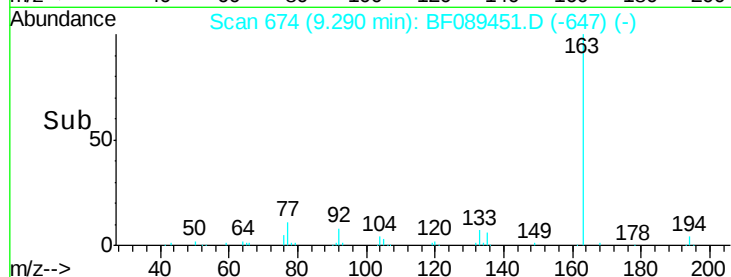
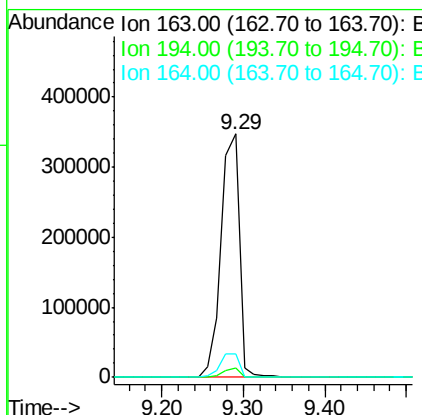
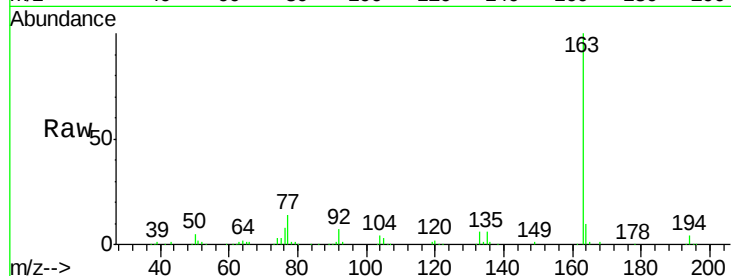
#49
Dimethylphthalate
Concen: 78.75 ng
RT: 9.29 min Scan# 674
Delta R.T. 0.01 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SB-44-7.0-8.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	543071		
194	3.6		2.8	4.2
164	9.5		7.8	11.8

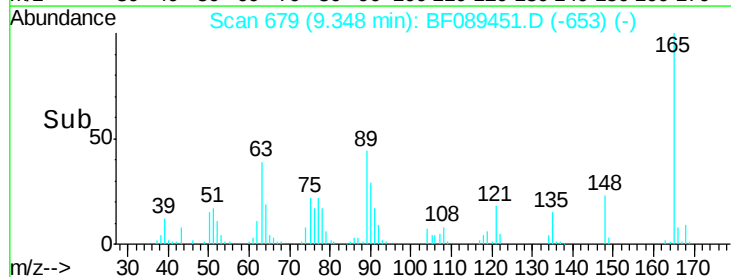
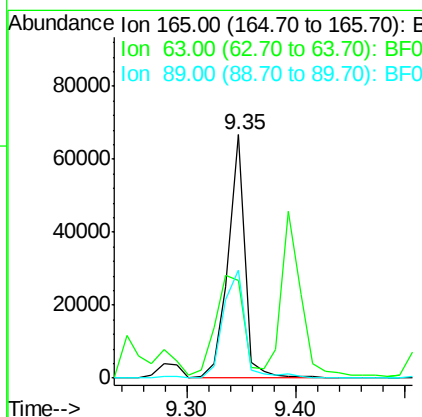
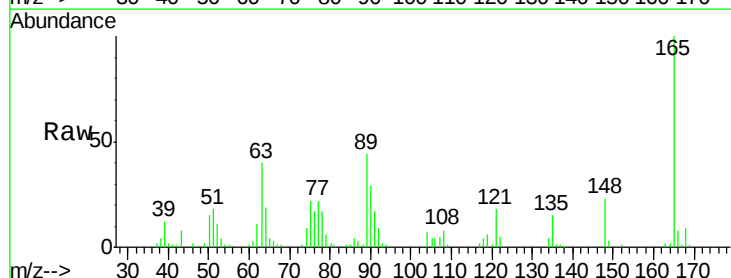
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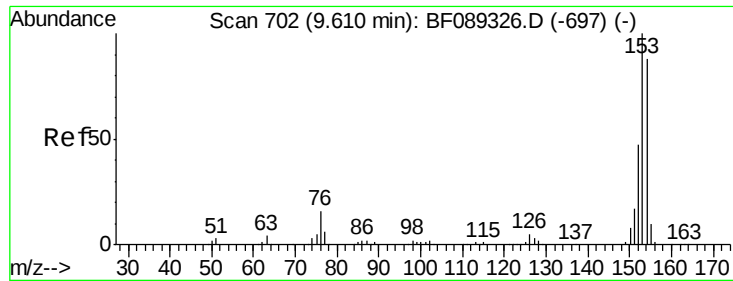
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#50
2,6-Dinitrotoluene
Concen: 50.53 ng
RT: 9.35 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	71592		
63	39.9		43.5	65.3#
89	44.2		45.0	67.4#





#51

Acenaphthene

Concen: 44.54 ng

RT: 9.56 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Instrument :

BNA_F

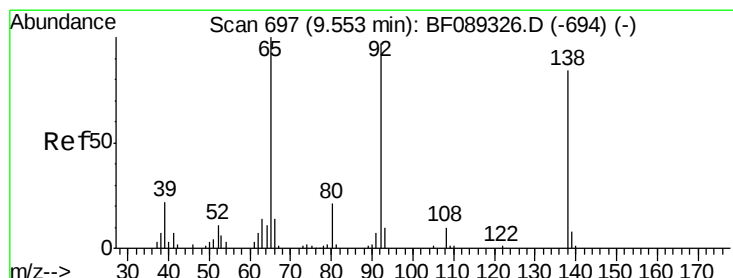
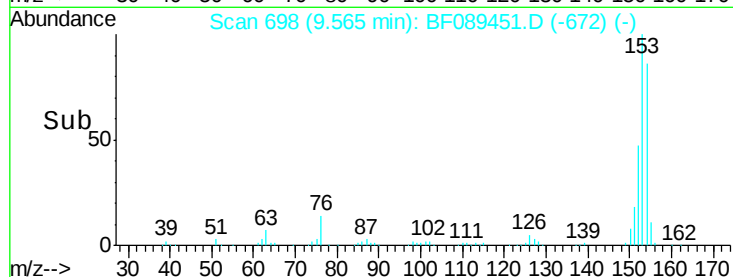
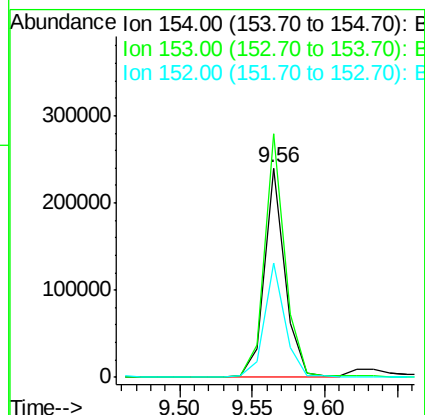
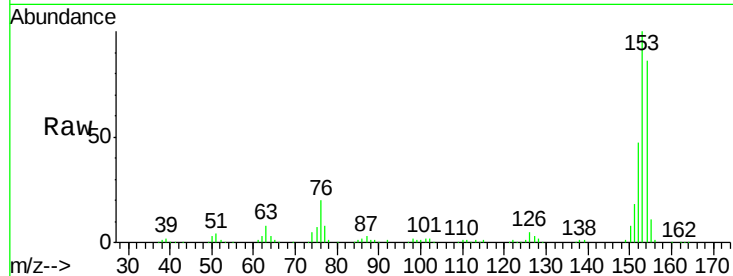
ClientSampleId :

SB-44-7.0-8.0MSD

Tot Ion:	154	Resp:	237396
Ion Ratio	Lower	Upper	
154	100		
153	116.2	91.4	137.2
152	54.7	43.8	65.6

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#52

3-Nitroaniline

Concen: 29.91 ng

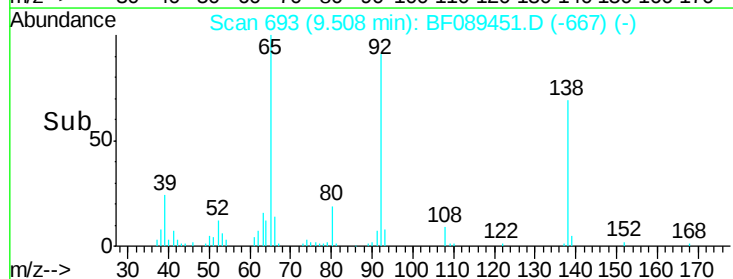
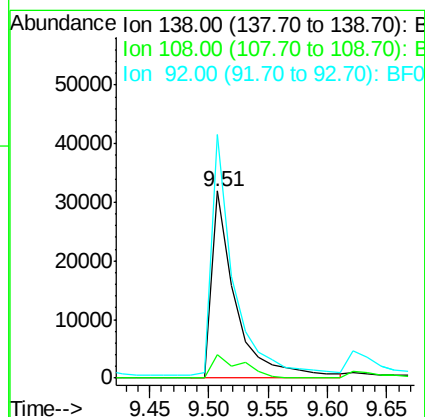
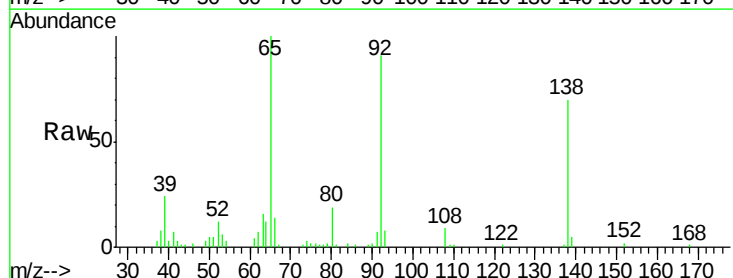
RT: 9.51 min Scan# 693

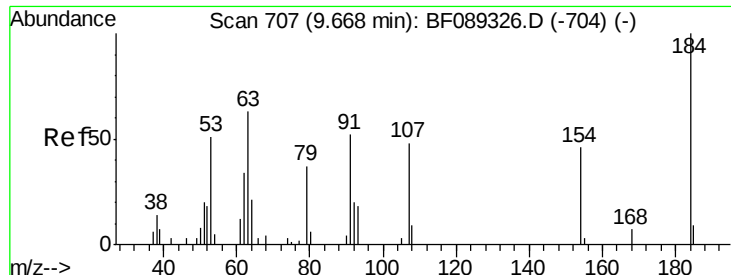
Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Tgt Ion:	138	Resp:	44719
Ion Ratio	Lower	Upper	
138	100		
108	12.5	8.6	13.0
92	130.4	90.0	135.0





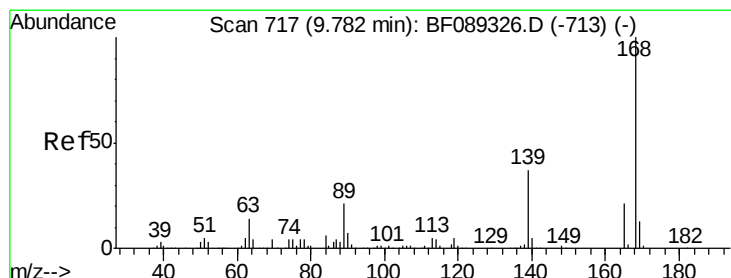
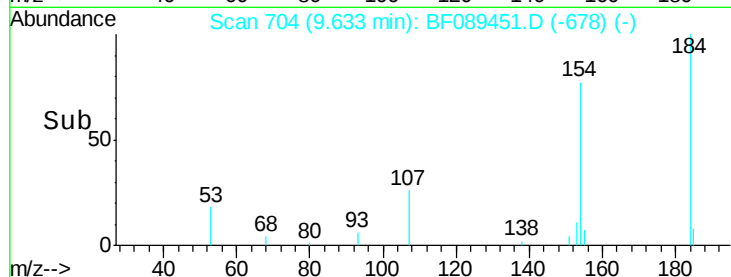
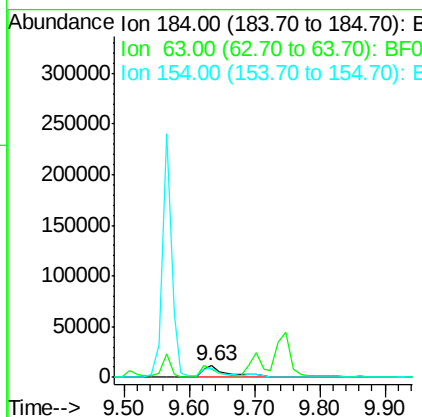
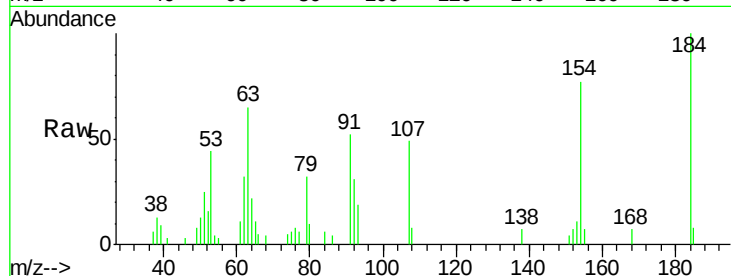
#53
 2,4-Dinitrophenol
 Concen: 56.03 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.3	60.6	90.8
154	77.4	69.8	104.8

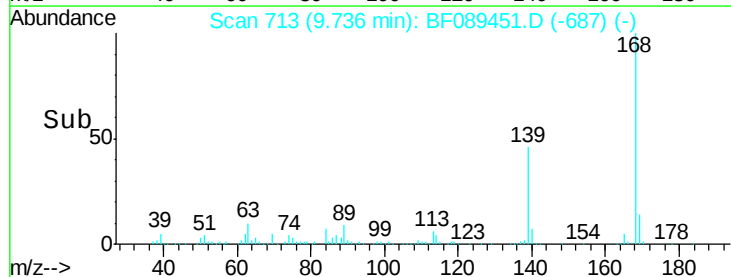
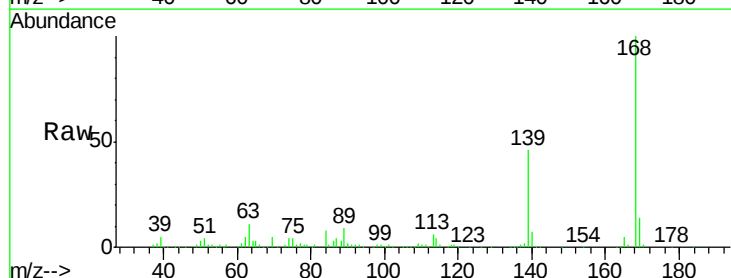
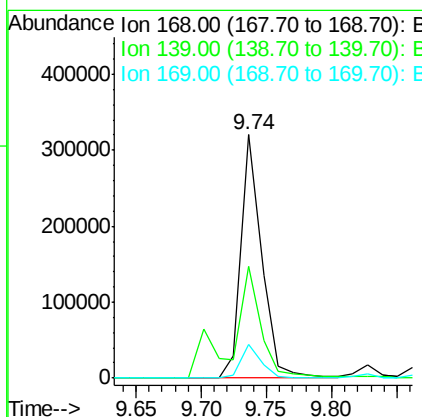
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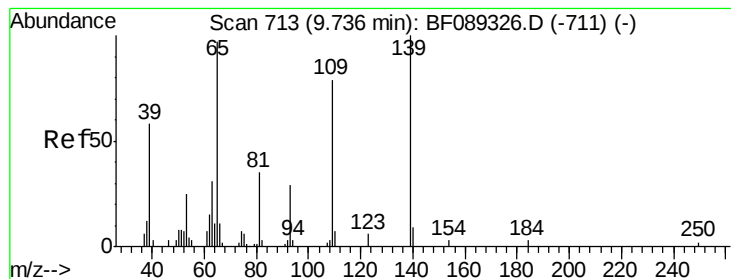
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#54
 Dibenzofuran
 Concen: 48.68 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Lower	Upper
168	100		
139	46.0	33.7	50.5
169	13.7	10.7	16.1





#55

4-Nitrophenol

Concen: 85.49 ng/mL

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Instrument :

BNA_F

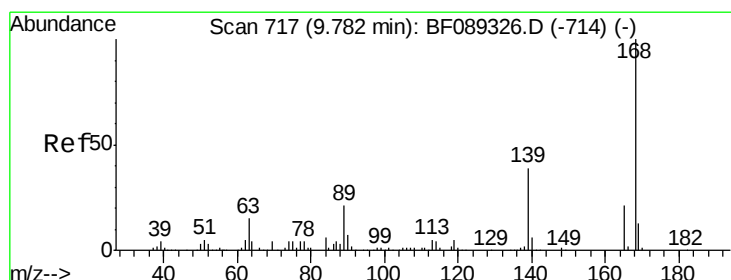
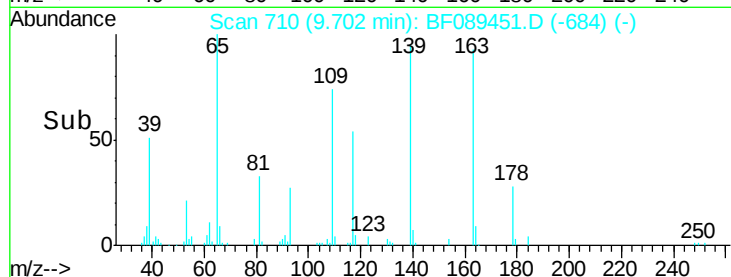
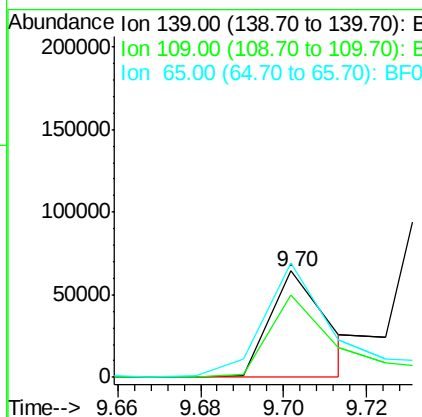
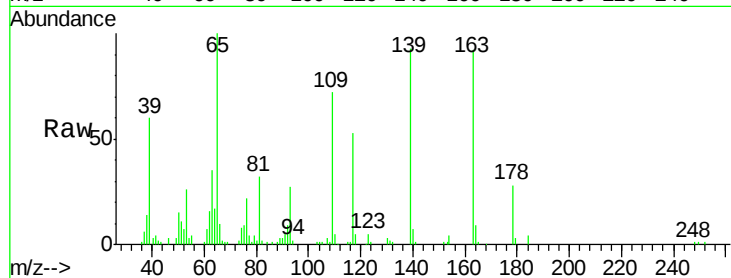
ClientSampleID :

SB-44-7.0-8.0MSD

Tot Ion:	139	Resp:	62595
Ion Ratio	Lower	Upper	
139	100		
109	77.9	57.8	97.8
65	107.5	81.7	121.7

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#56

2,4-Dinitrotoluene

Concen: 48.62 ng/mL

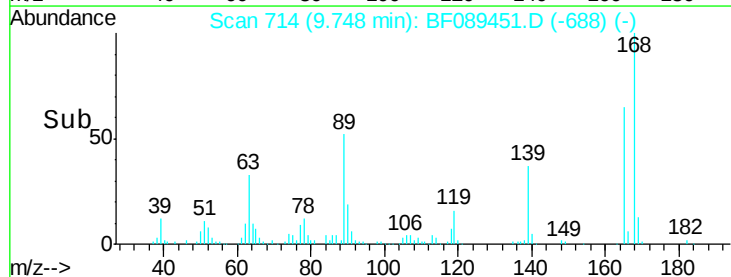
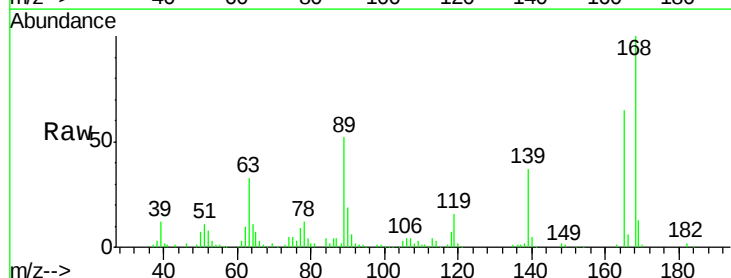
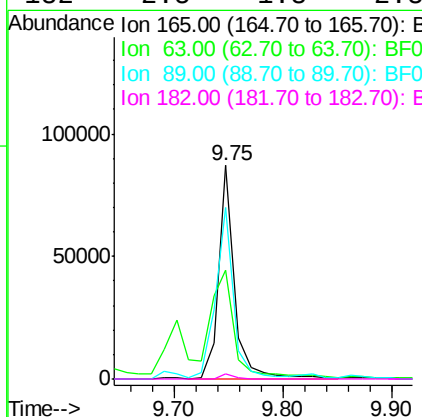
RT: 9.75 min Scan# 714

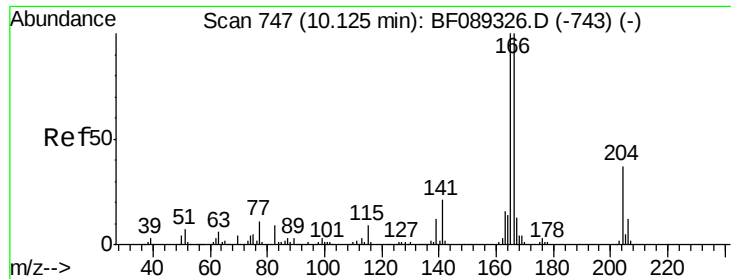
Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Tgt Ion:	165	Resp:	90703
Ion Ratio	Lower	Upper	
165	100		
63	51.0	58.2	87.2#
89	80.3	79.1	118.7
182	2.5	1.8	2.8





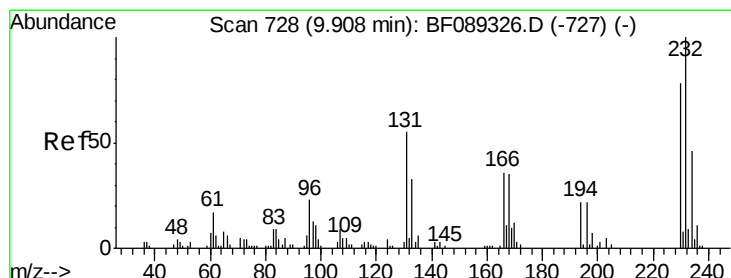
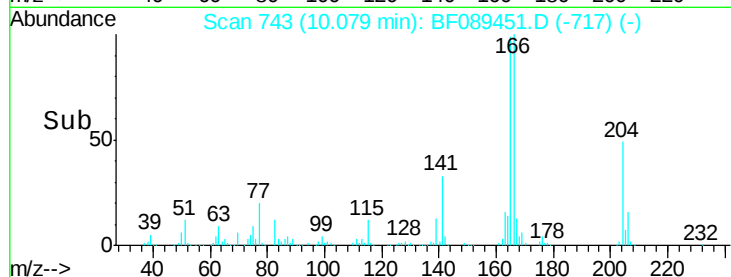
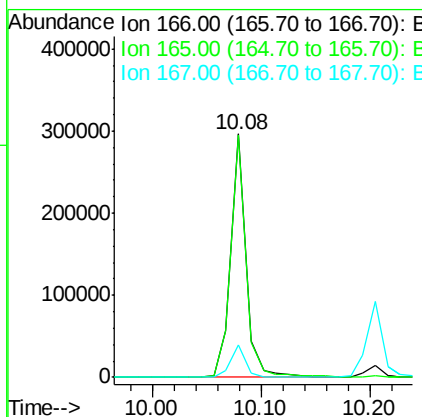
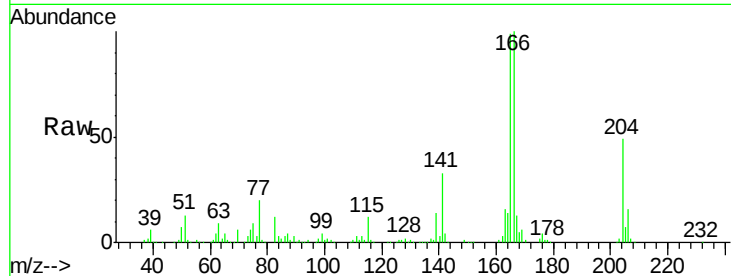
#57
Fluorene
 Concen: 45.54 ng
 RT: 10.08 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	288700		
165	99.4	79.0	118.4	
167	13.5	10.2	15.2	

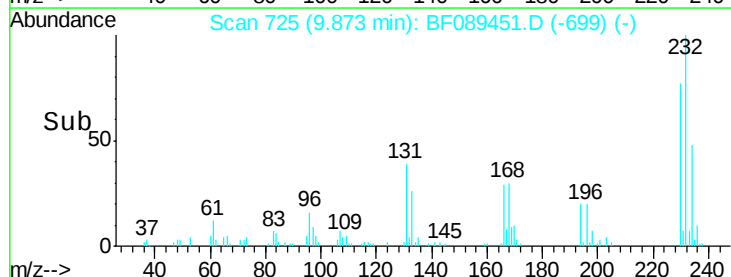
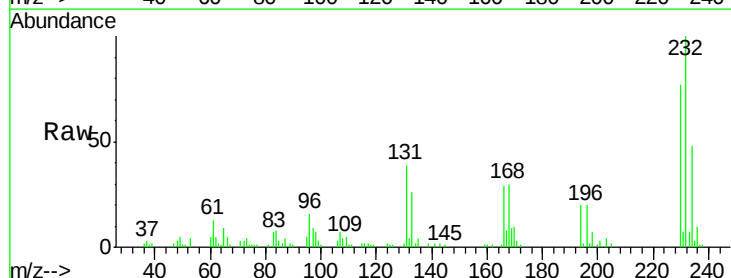
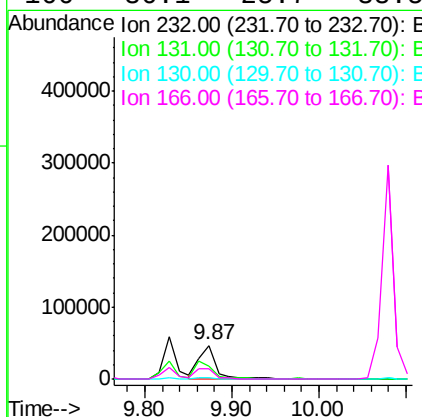
Manual Integrations
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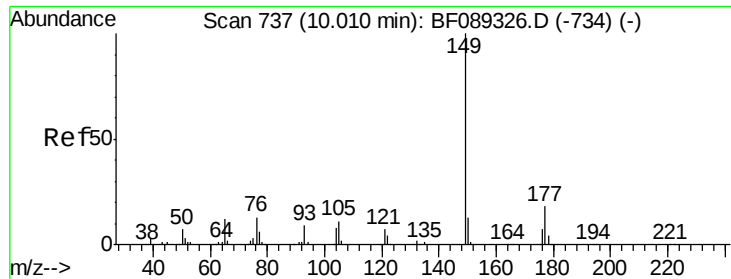
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.54 ng
 RT: 9.87 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	63166		
131	57.6	42.7	64.1	
130	2.8	1.7	2.5#	
166	36.1	25.7	38.5	





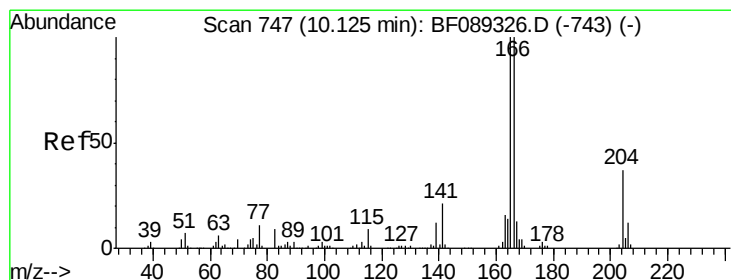
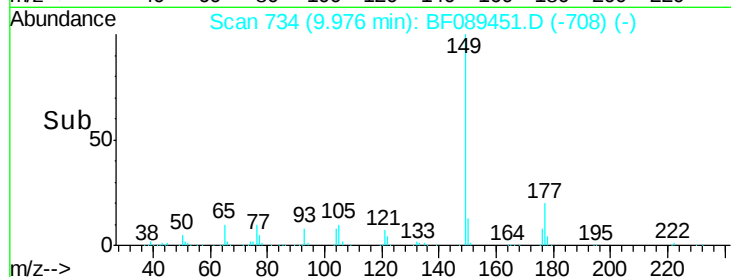
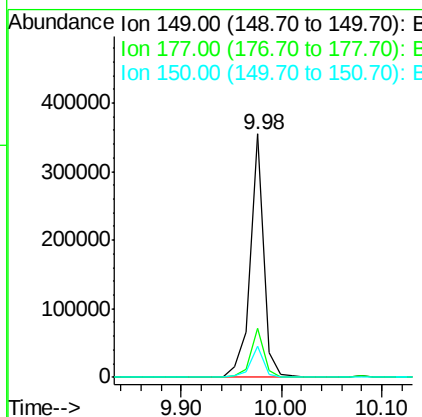
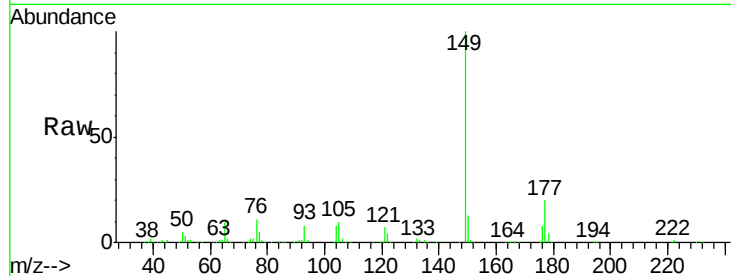
#59
Diethylphthalate
Concen: 47.43 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SB-44-7.0-8.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	331616		
177	20.4	15.1	22.7	
150	12.7	10.2	15.4	

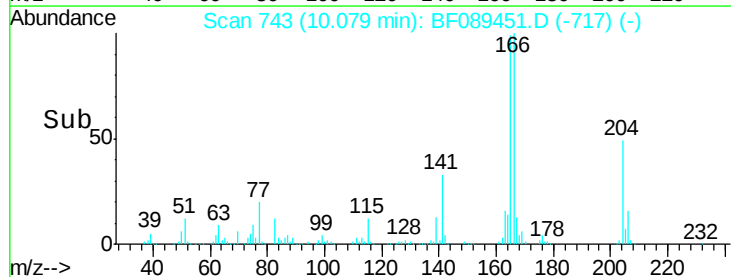
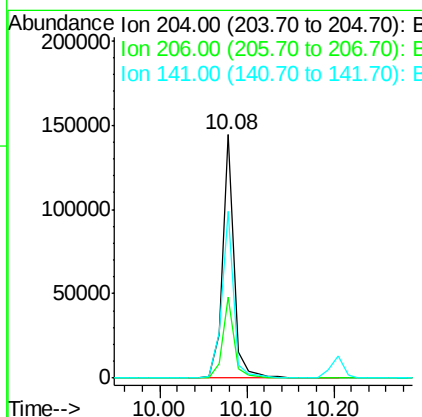
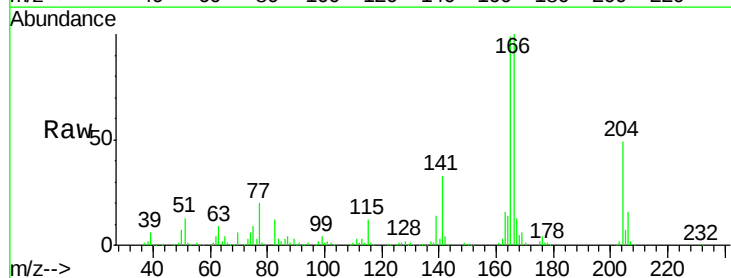
Manual Integrations
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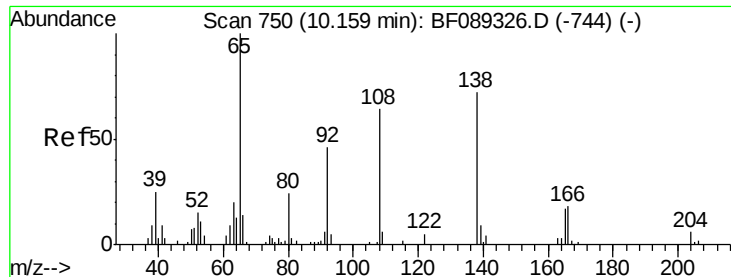
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#60
4-Chlorophenyl-phenylether
Concen: 46.36 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	134821		
206	33.3	26.6	39.8	
141	68.7	46.6	70.0	





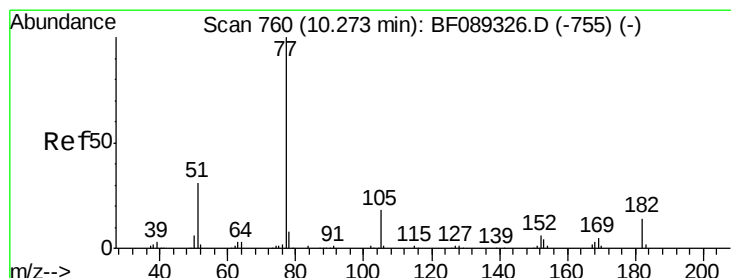
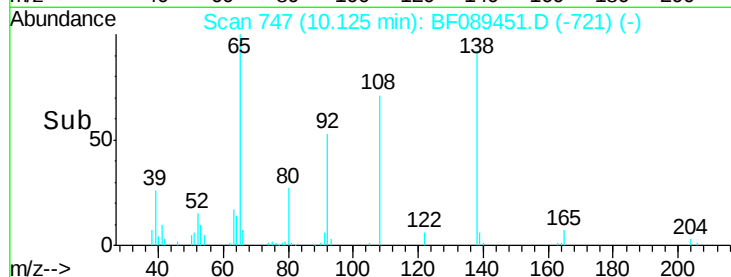
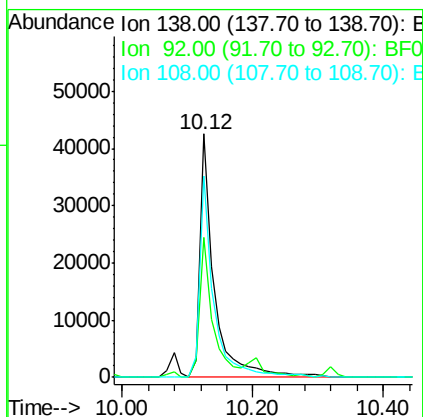
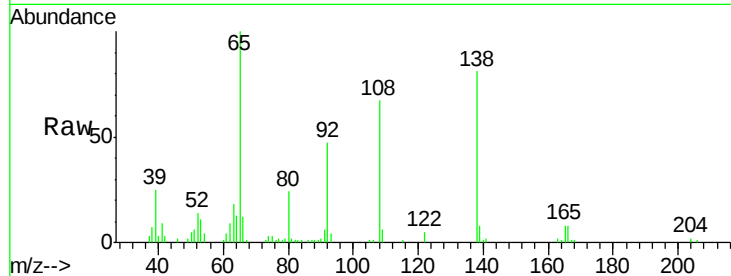
#61
4-Nitroaniline
Concen: 41.33 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SB-44-7.0-8.0MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.2	41.2	81.2
108	82.9	69.6	109.6

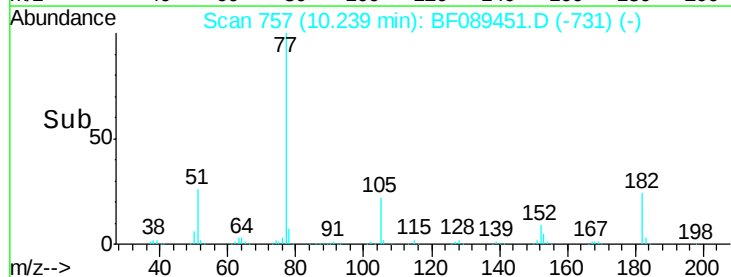
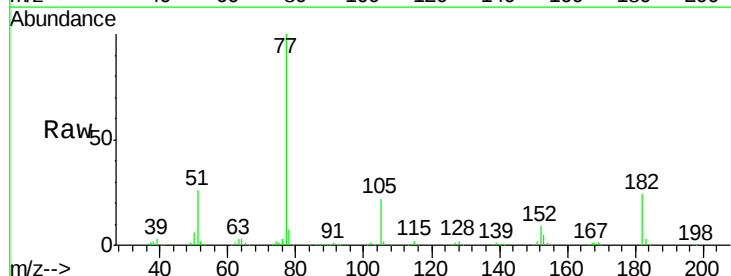
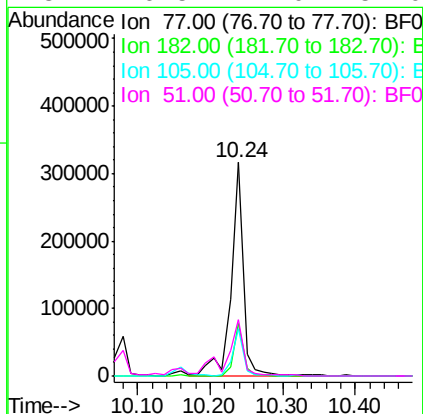
Manual Integrations
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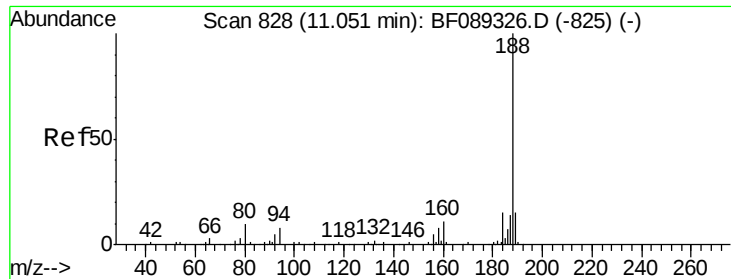
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#62
Azobenzene
Concen: 51.14 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	0.0	33.8
105	22.4	0.0	39.8
51	26.5	11.0	51.0





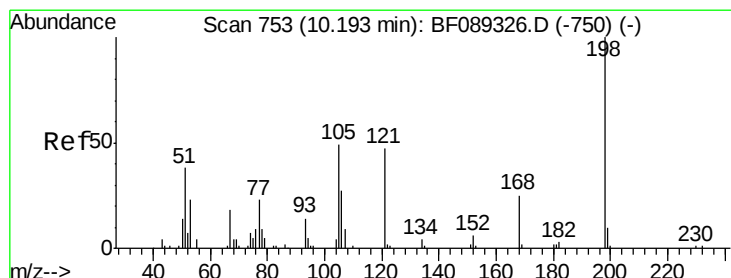
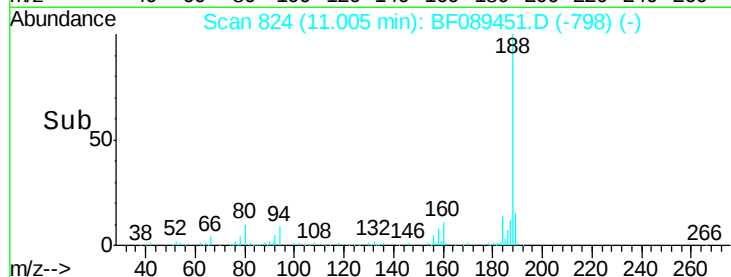
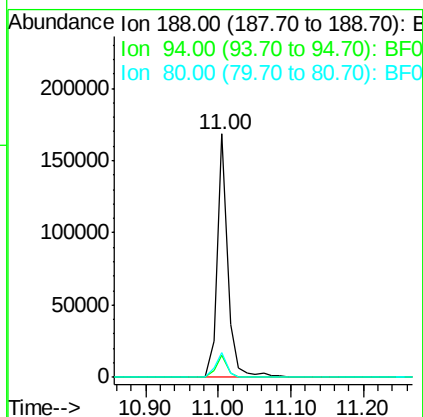
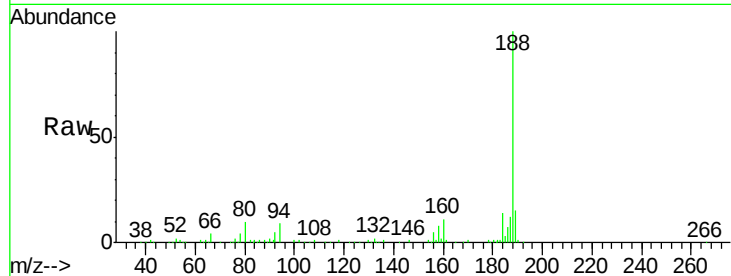
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SB-44-7.0-8.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	170701		
94	9.2		6.5	9.7
80	10.2		7.2	10.8

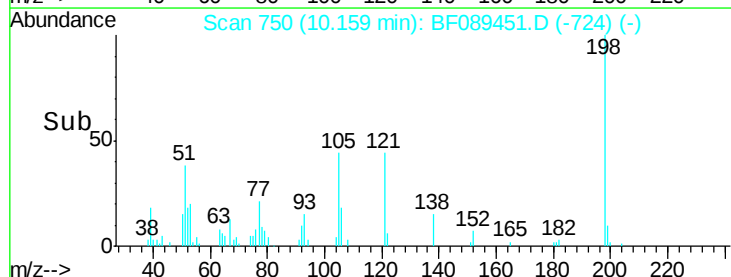
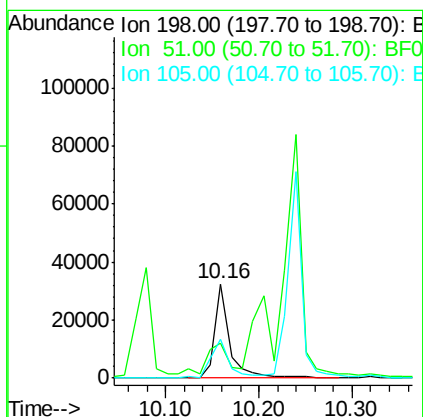
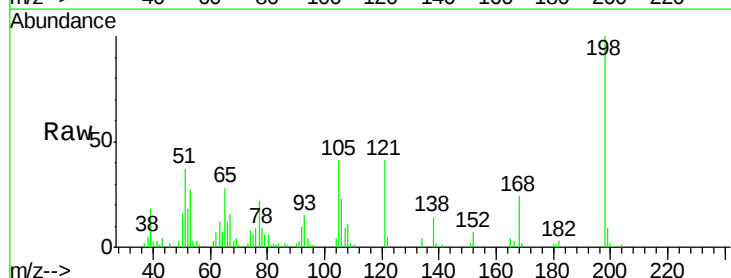
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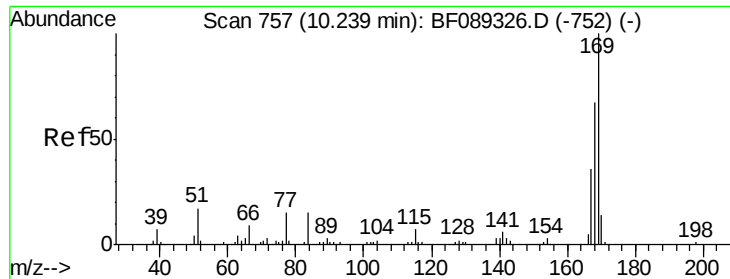
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.35 ng
RT: 10.16 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	36254		
51	36.7		23.0	63.0
105	40.8		28.3	68.3





#65

n-Nitrosodiphenylamine

Concen: 49.88 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Instrument :

BNA_F

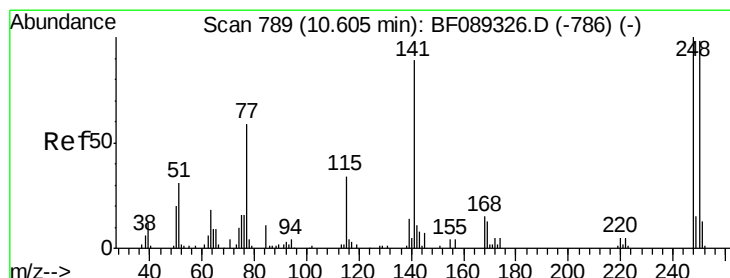
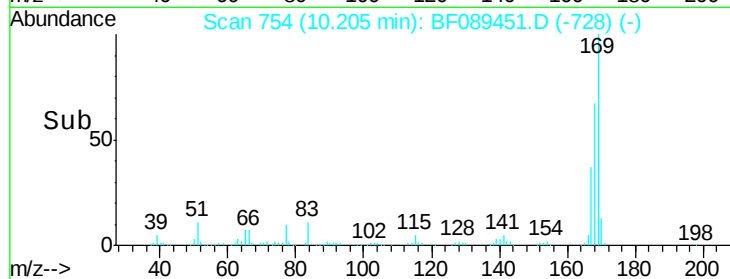
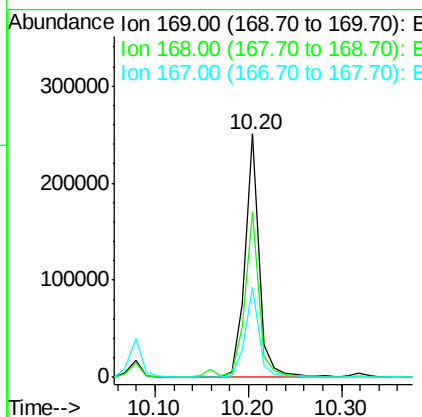
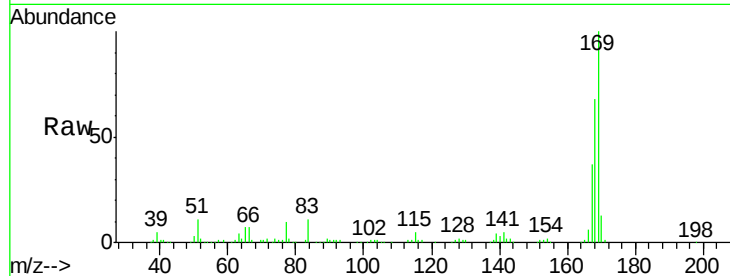
ClientSampleId :

SB-44-7.0-8.0MSD

Tot Ion:	169	Resp:	265695
Ion Ratio	Lower	Upper	
169	100		
168	67.9	55.4	83.0
167	37.0	29.7	44.5

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#66

4-Bromophenyl-phenylether

Concen: 45.87 ng

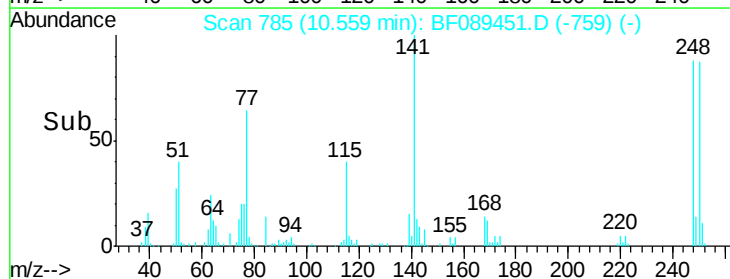
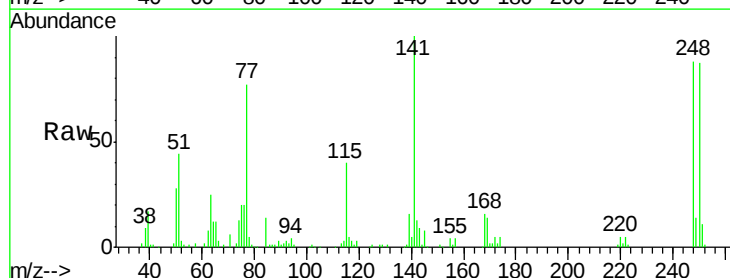
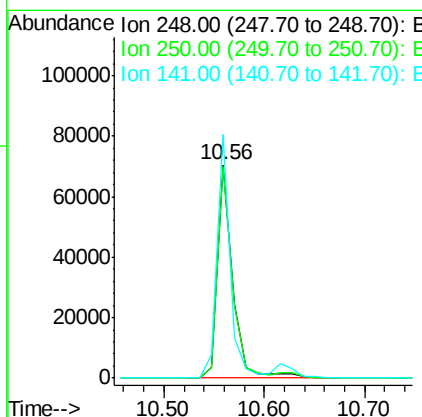
RT: 10.56 min Scan# 785

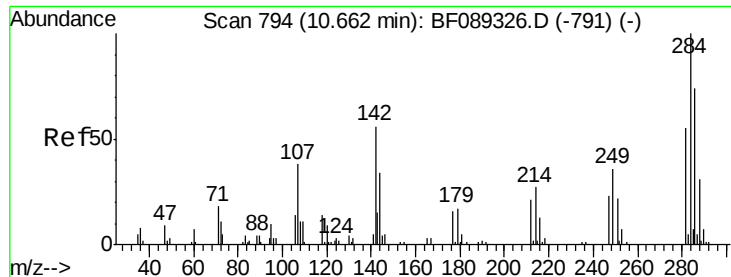
Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Tgt Ion:	248	Resp:	74758
Ion Ratio	Lower	Upper	
248	100		
250	98.8	78.2	117.2
141	114.0	62.0	93.0#





#67

Hexachlorobenzene

Concen: 46.35 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Instrument :

BNA_F

ClientSampleId :

SB-44-7.0-8.0MSD

Tot Ion:284 Resp: 77417
Ion Ratio Lower Upper

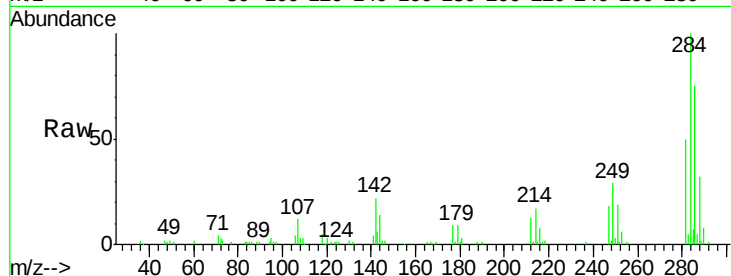
284 100

142 22.0 42.2 63.4#

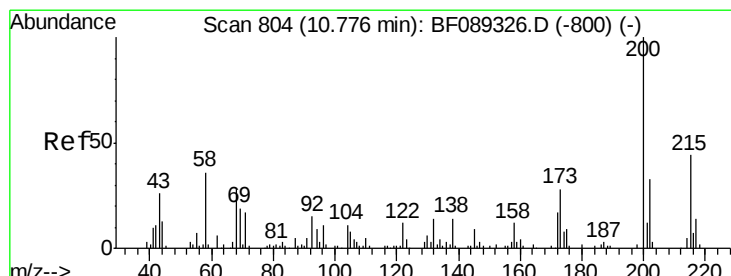
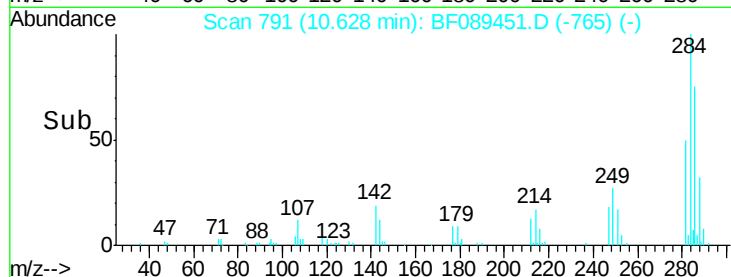
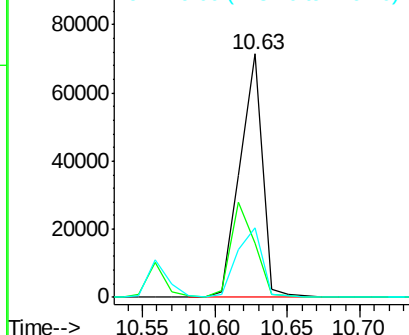
249 28.6 29.4 44.0#

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



#68

Atrazine

Concen: 47.60 ng

RT: 10.74 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF089451.D

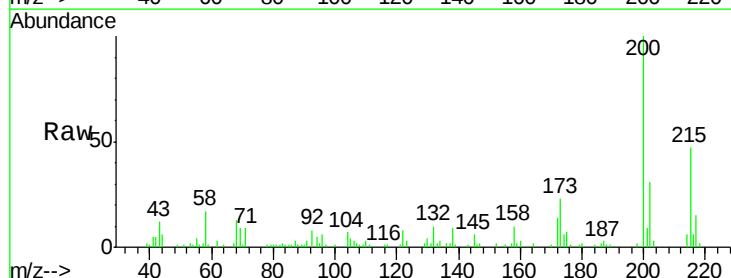
Acq: 30 Jul 2016 14:13

Tgt Ion:200 Resp: 77886
Ion Ratio Lower Upper

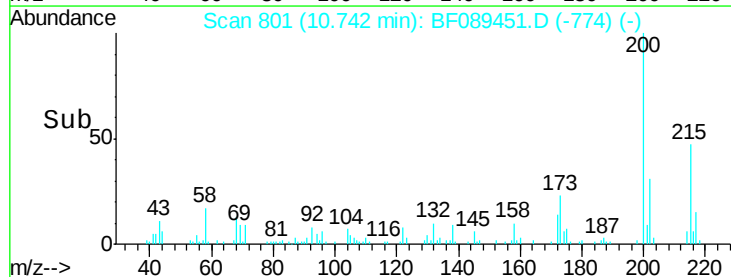
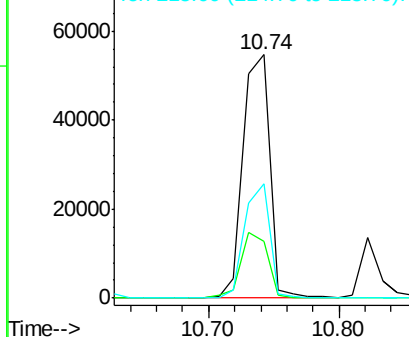
200 100

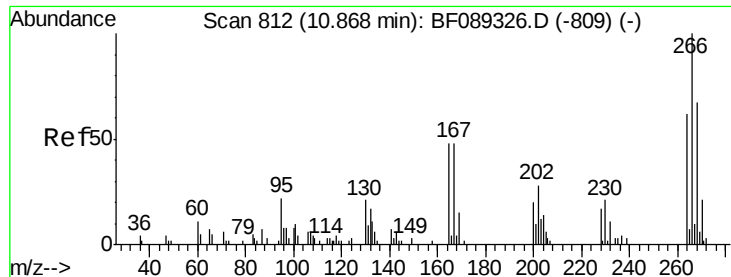
173 23.2 6.0 46.0

215 46.9 24.3 64.3



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





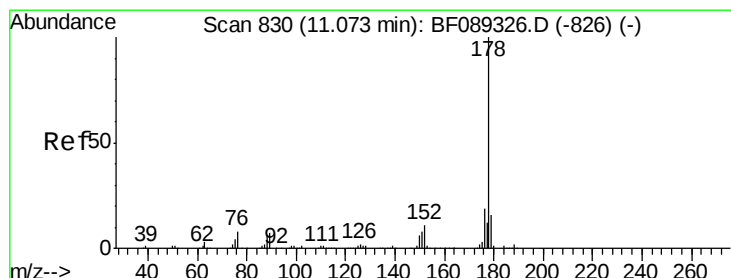
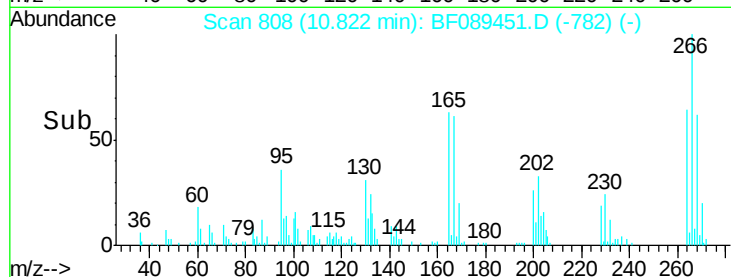
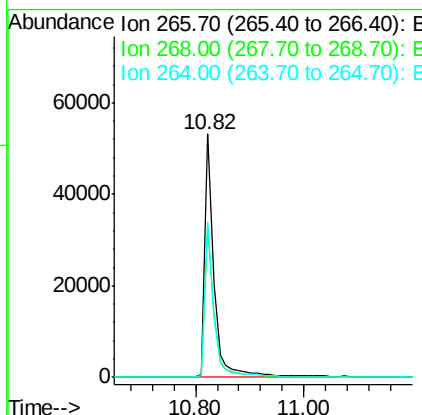
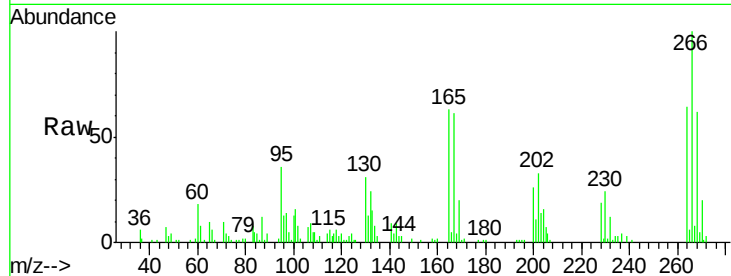
#69
 Pentachlorophenol
 Concen: 78.64 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.7	49.4	74.2
264	63.7	50.2	75.2

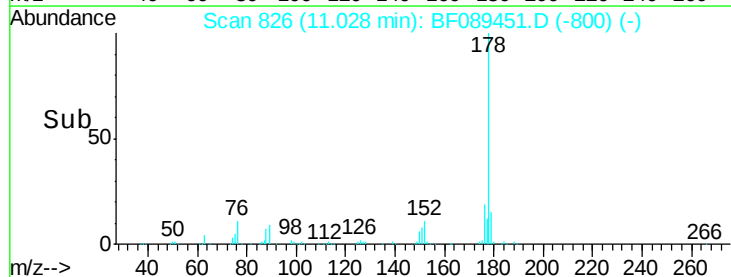
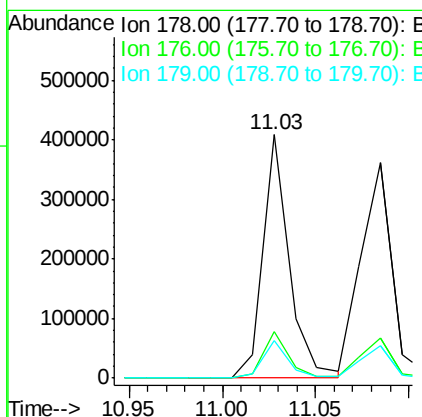
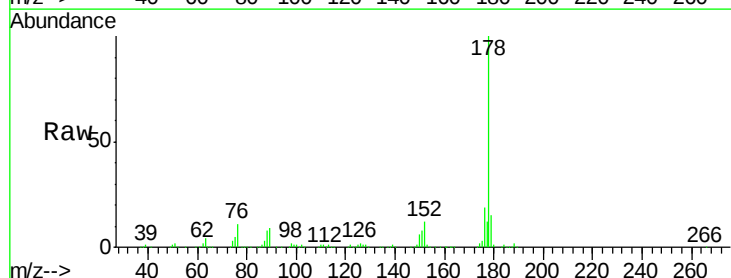
Manual Integrations
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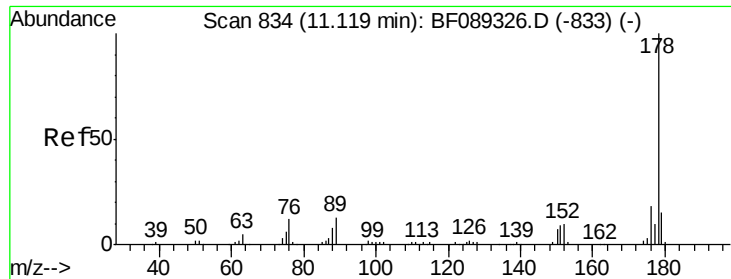
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#70
 Phenanthrene
 Concen: 44.94 ng
 RT: 11.03 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.4	12.3	18.5





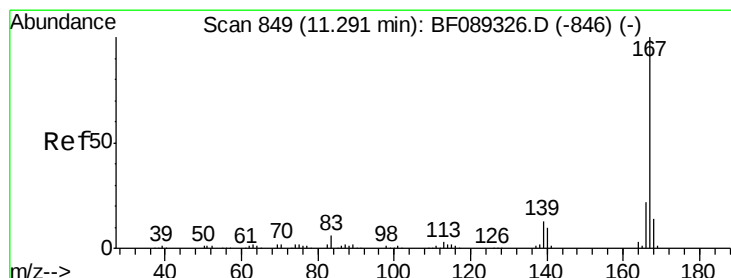
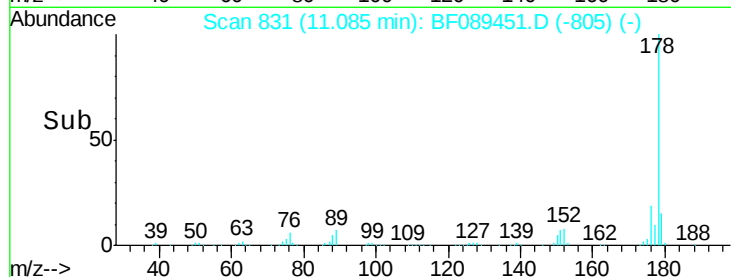
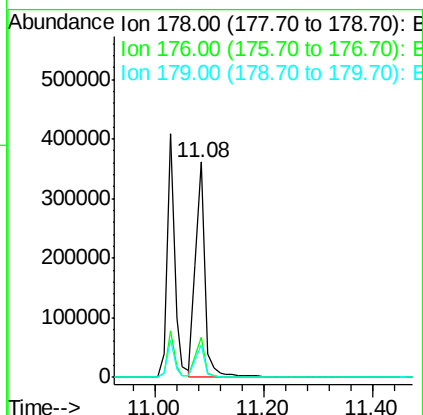
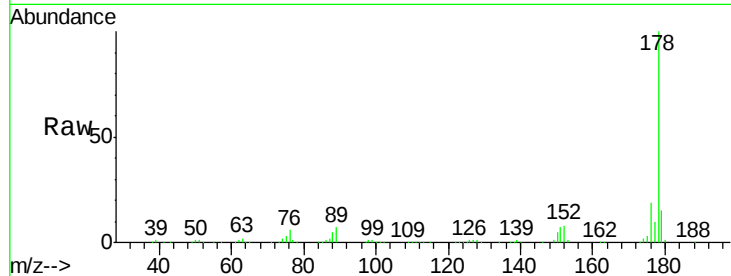
#71
 Anthracene
 Concen: 44.61 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.3	12.6	18.8

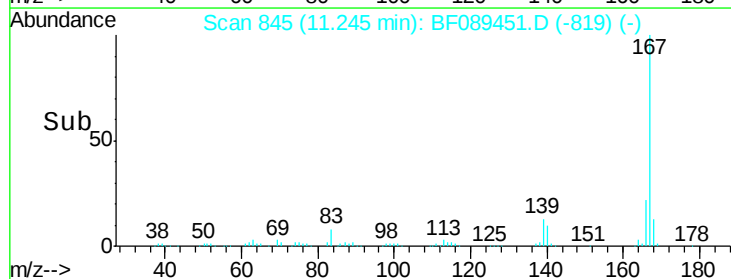
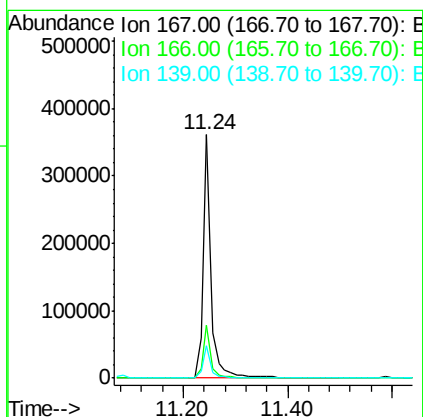
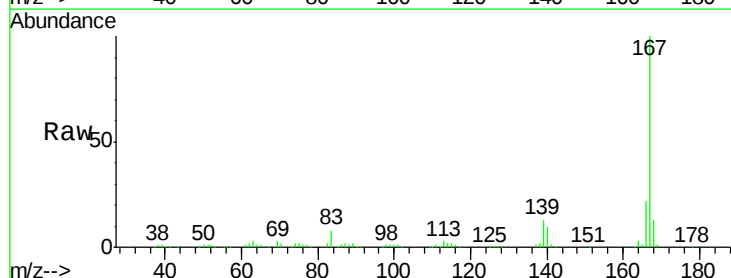
Manual Integrations
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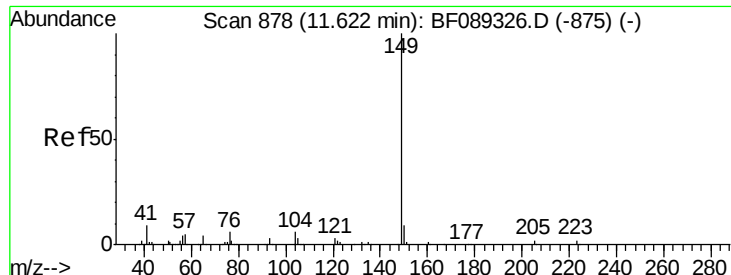
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#72
 Carbazole
 Concen: 46.57 ng
 RT: 11.24 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.5	10.1	15.1





#73

Di-n-butylphthalate

Concen: 43.69 ng

RT: 11.59 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Instrument :

BNA_F

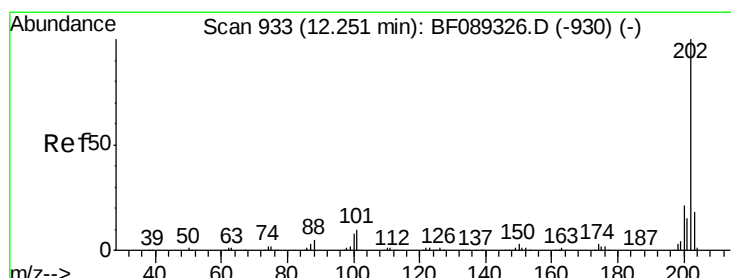
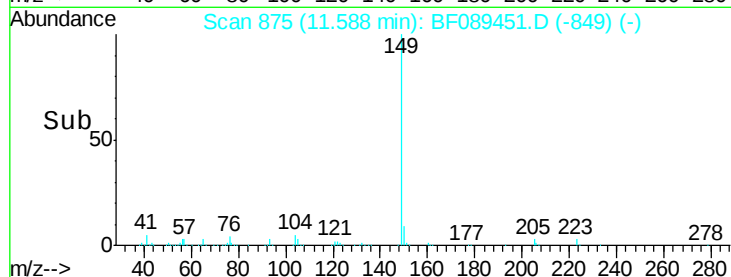
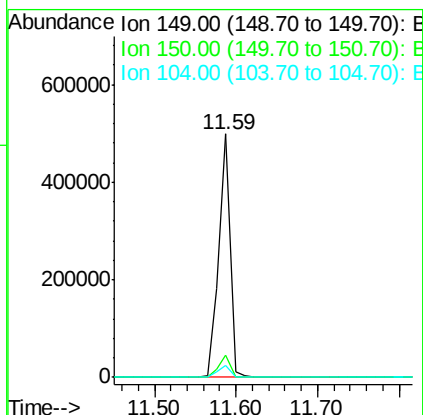
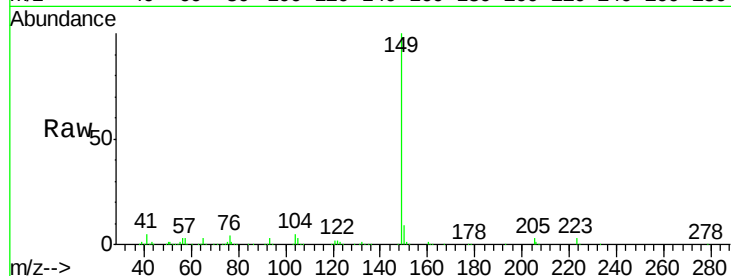
ClientSampleId :

SB-44-7.0-8.0MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.7	4.7	7.1

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#74

Fluoranthene

Concen: 41.98 ng

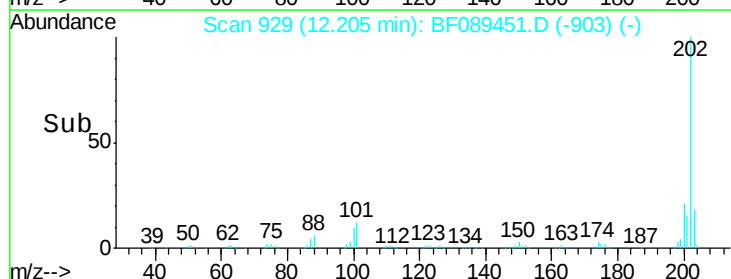
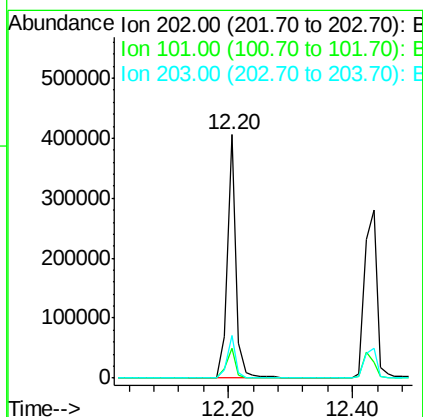
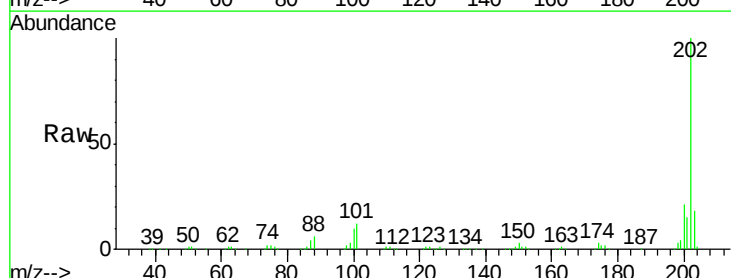
RT: 12.20 min Scan# 929

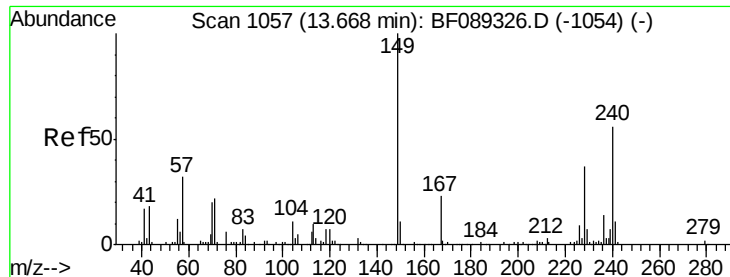
Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	29.9
203	17.7	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Instrument :

BNA_F

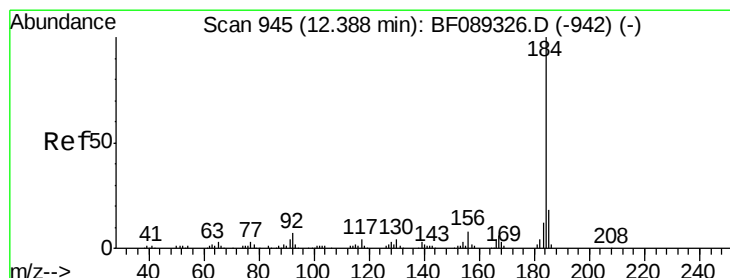
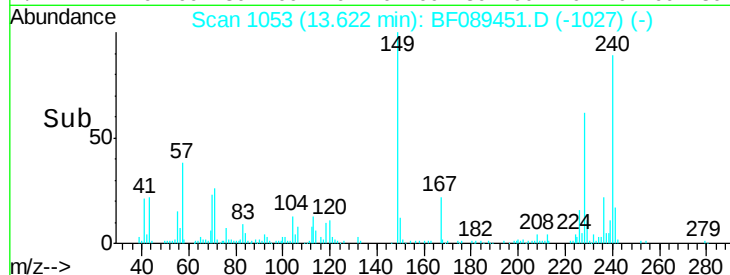
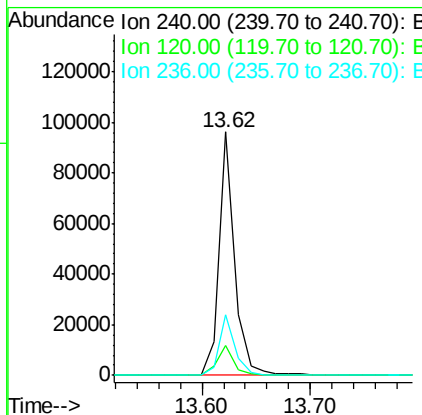
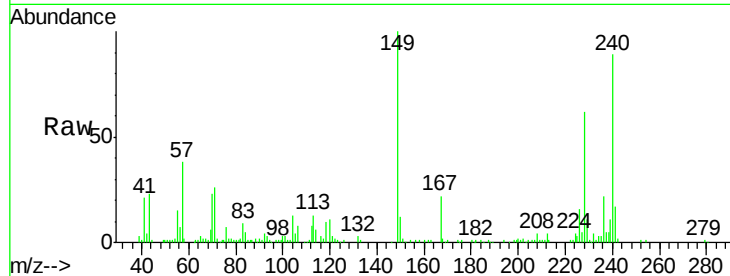
ClientSampleId :

SB-44-7.0-8.0MSD

Tot Ion:240 Resp: 96943
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.1 13.7
 236 25.0 20.6 30.8

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#76

Benzidine

Concen: 22.97 ng

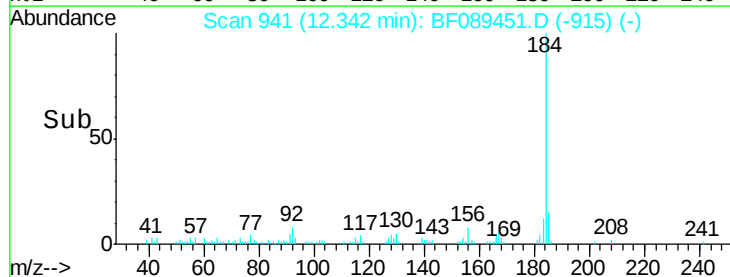
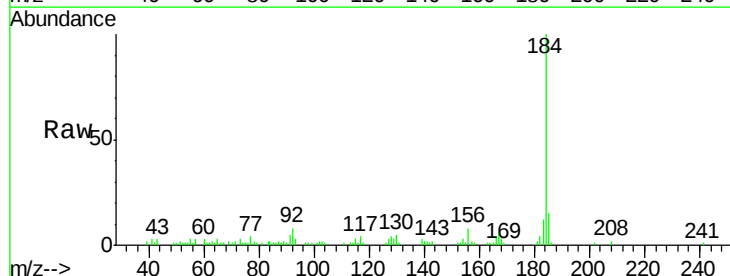
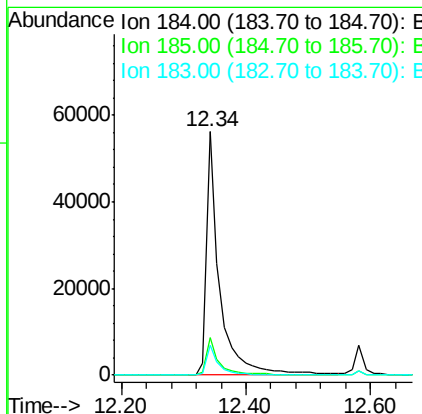
RT: 12.34 min Scan# 941

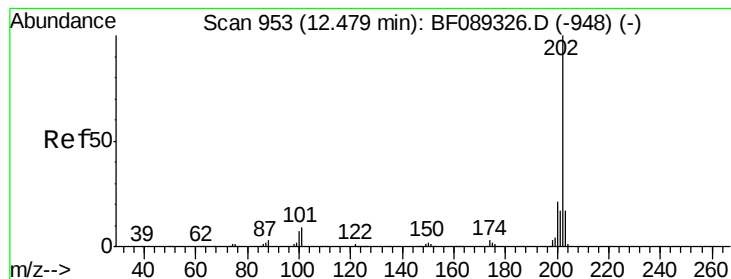
Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Tgt Ion:184 Resp: 82276
 Ion Ratio Lower Upper
 184 100
 185 15.2 13.5 20.3
 183 12.0 9.8 14.6





#77

Pvrene

Concen: 51.50 ng

RT: 12.43 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Instrument :

BNA_F

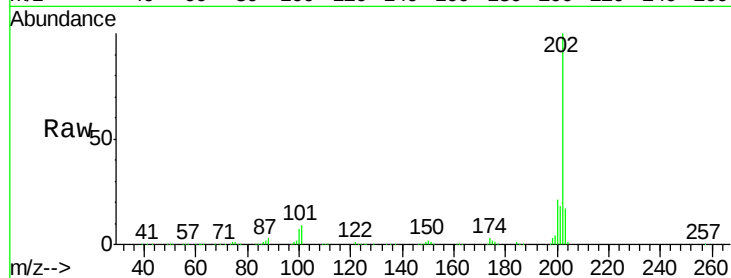
ClientSampleId :

SB-44-7.0-8.0MSD

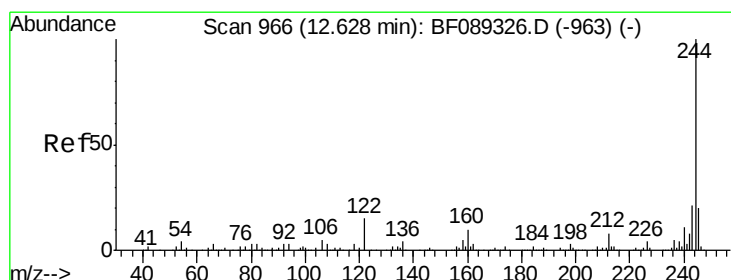
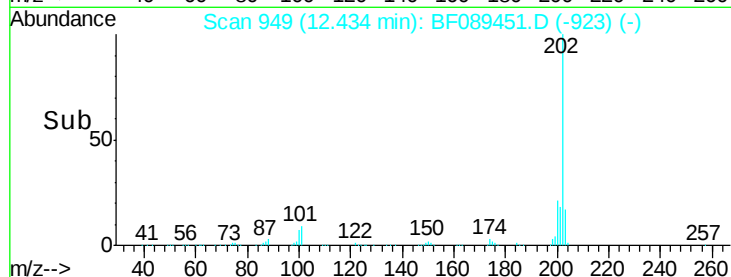
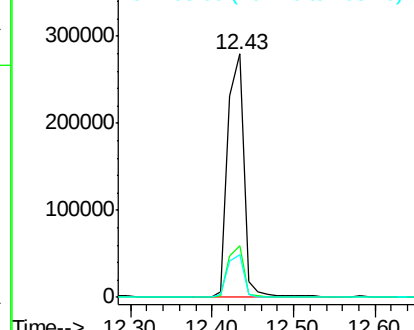
Tot Ion:	202	Resp:	378363
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.9	25.3
203	17.5	14.0	21.0

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



#78

Terphenyl-d14

Concen: 91.92 ng

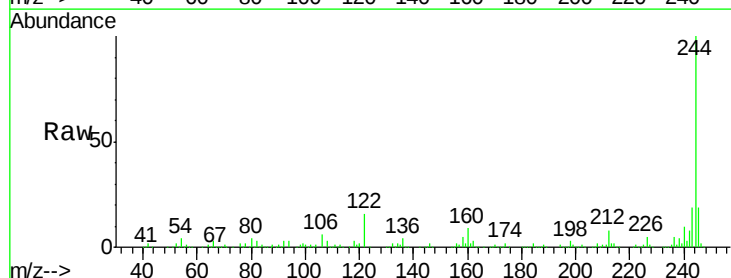
RT: 12.58 min Scan# 962

Delta R.T. 0.00 min

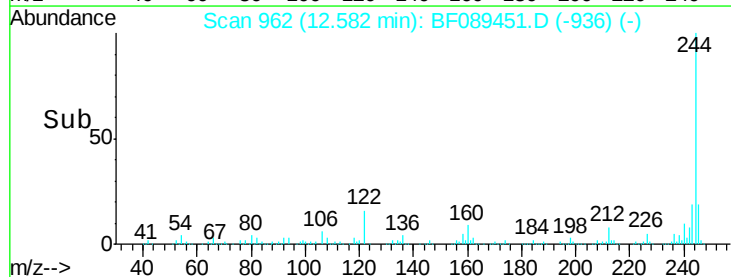
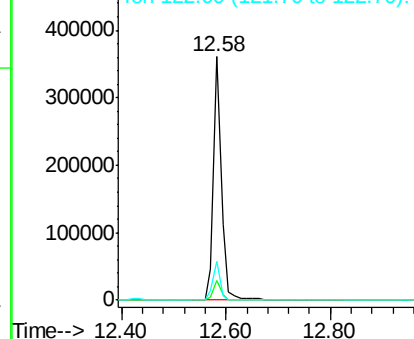
Lab File: BF089451.D

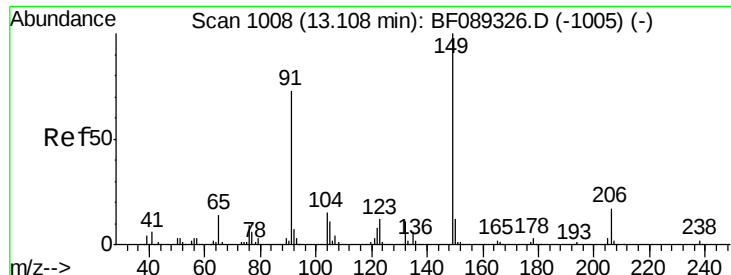
Acq: 30 Jul 2016 14:13

Tgt Ion:	244	Resp:	380726
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.5	9.7
122	16.2	11.4	17.0



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





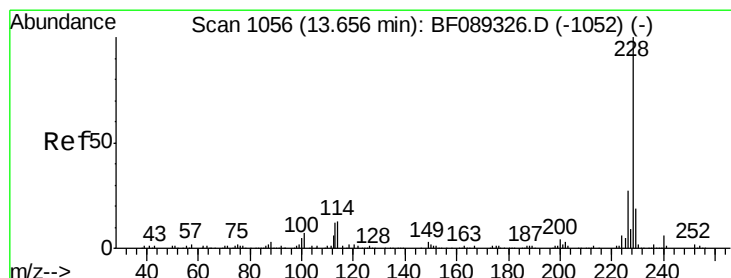
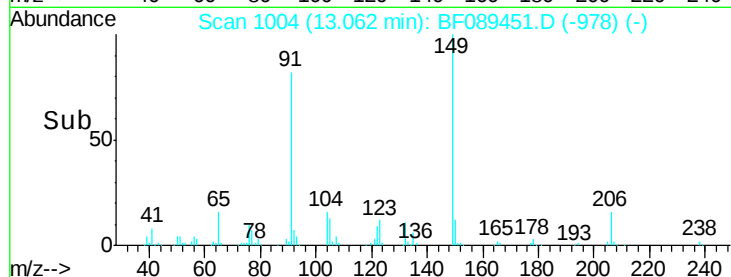
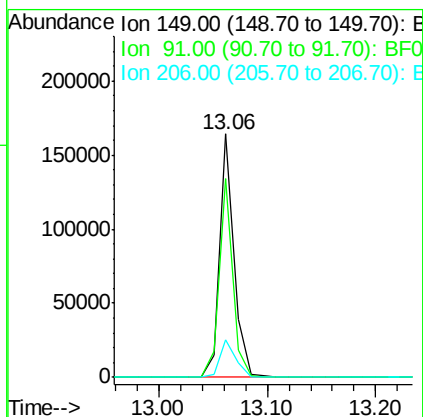
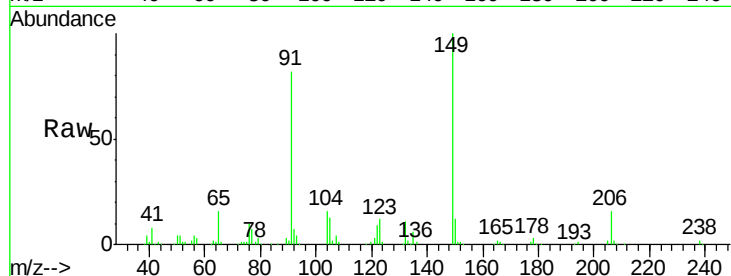
#79
Butylbenzylphthalate
Concen: 45.69 ng
RT: 13.06 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SB-44-7.0-8.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	152618		
91	81.7	58.5	87.7	
206	15.7	13.8	20.8	

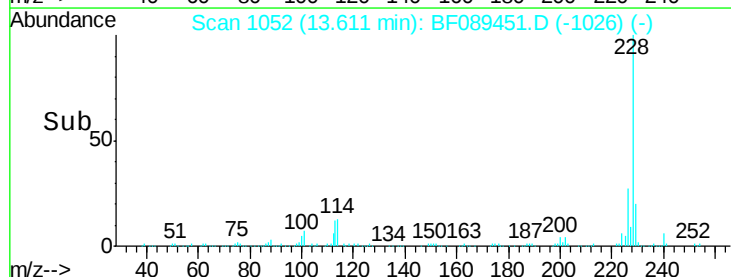
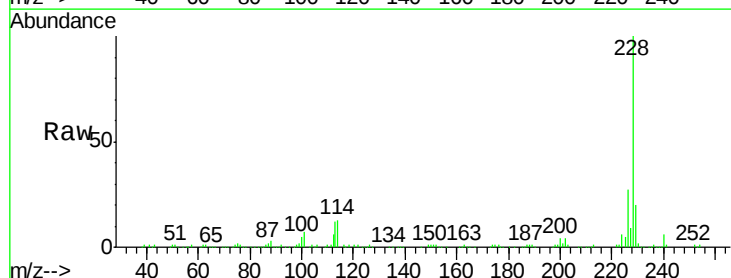
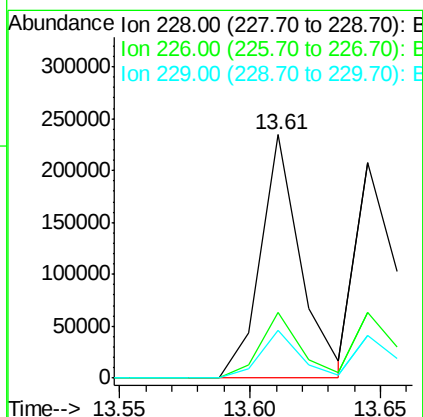
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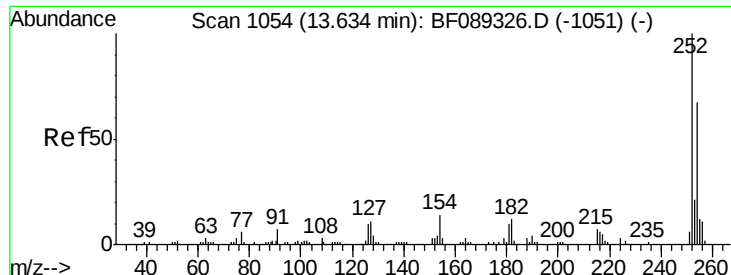
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#80
Benzo(a)anthracene
Concen: 45.43 ng
RT: 13.61 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	248550		
226	26.9	21.4	32.2	
229	19.8	15.9	23.9	





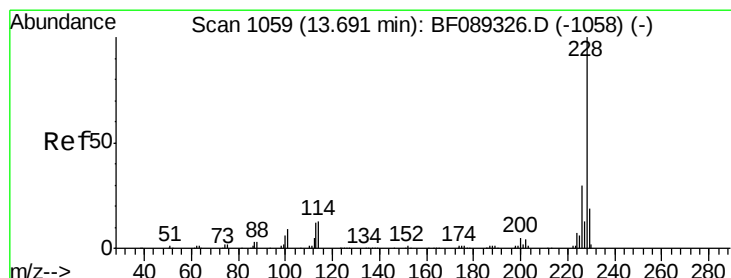
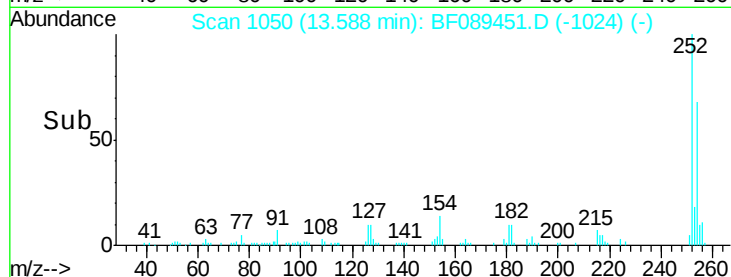
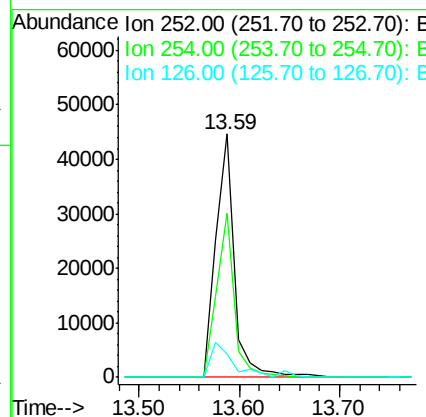
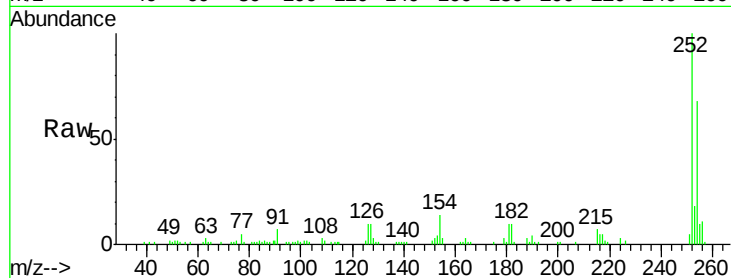
#81
 3,3'-Dichlorobenzidine
 Concen: 29.05 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.5	52.5	78.7
126	9.6	7.4	11.2

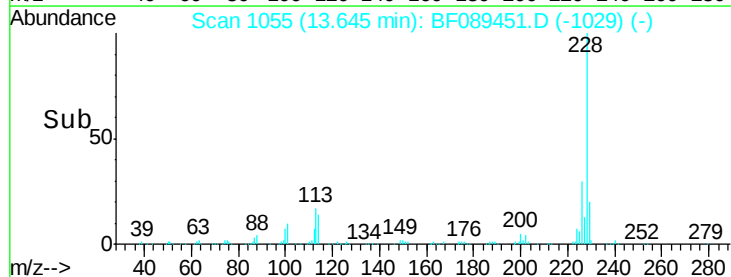
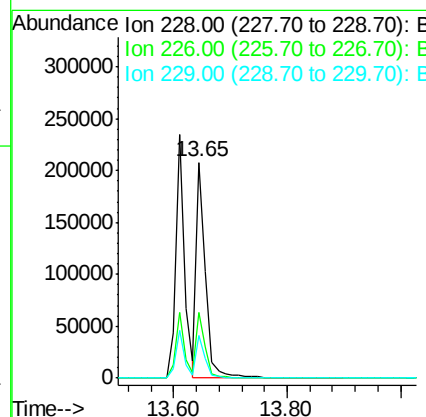
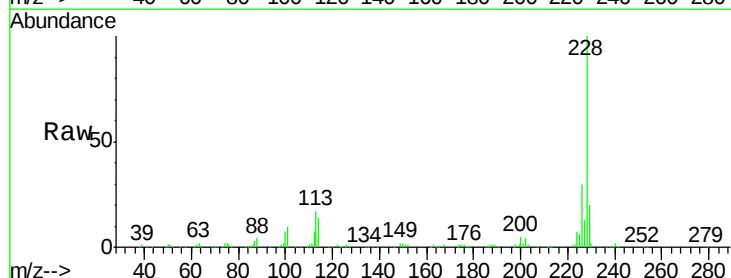
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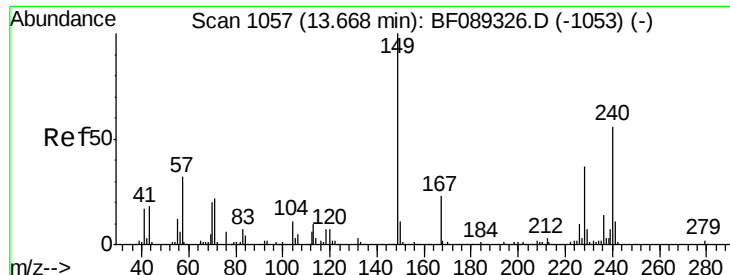
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#82
 Chrysene
 Concen: 41.40 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	19.8	15.9	23.9





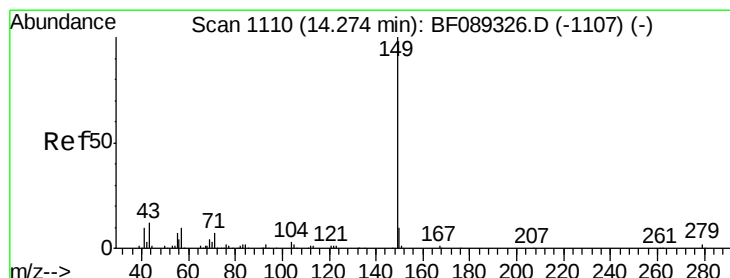
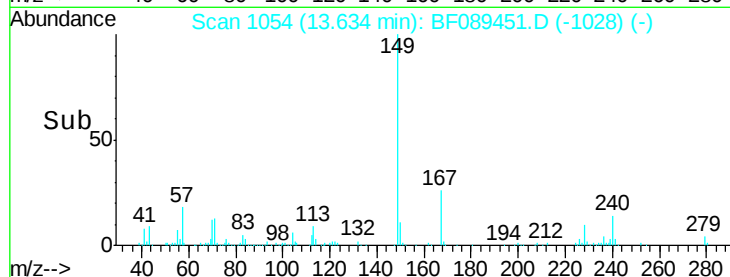
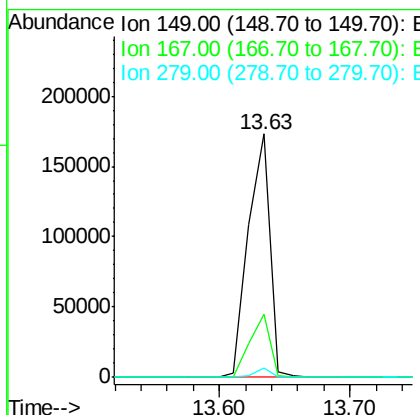
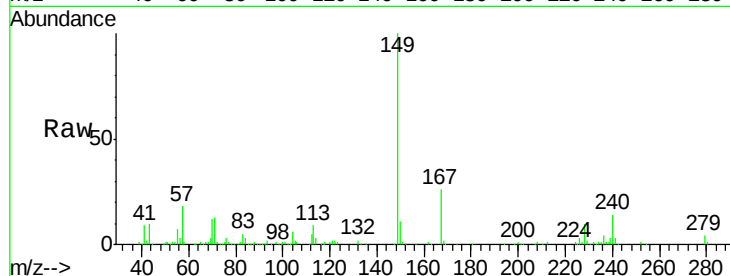
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.26 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	18.8	28.2
279	3.9	1.4	2.0

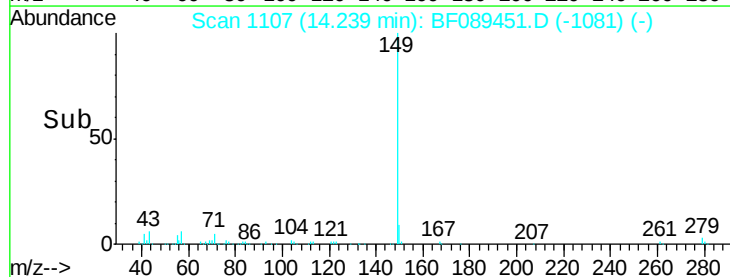
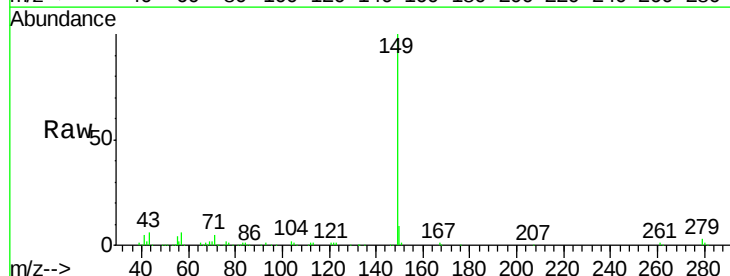
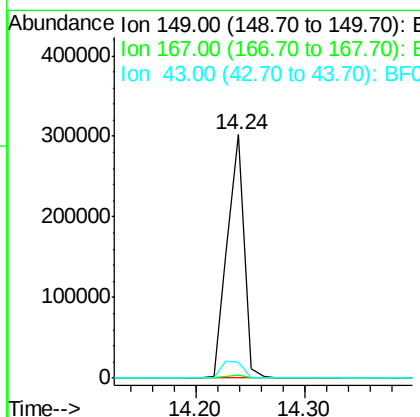
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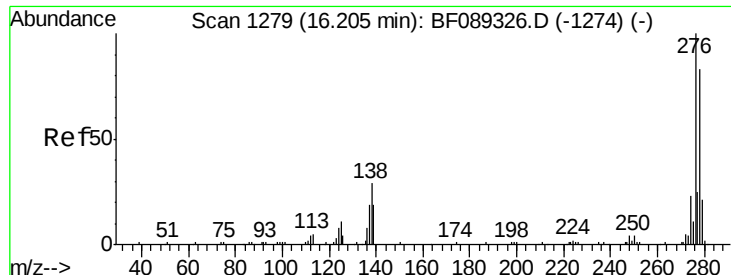
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#84
 Di-n-octyl phthalate
 Concen: 42.93 ng
 RT: 14.24 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BF089451.D
 Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	8.7	7.3	10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 62.95 ng

RT: 16.14 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Instrument :

BNA_F

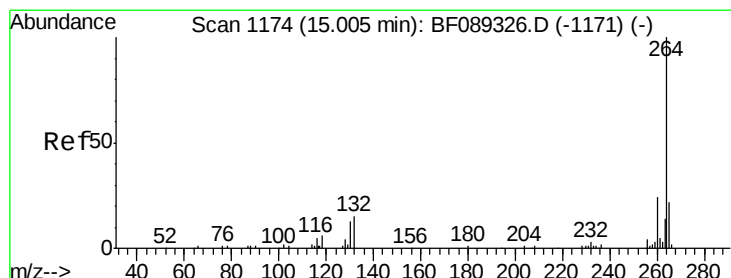
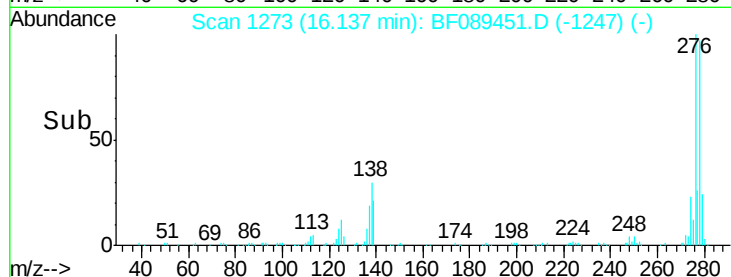
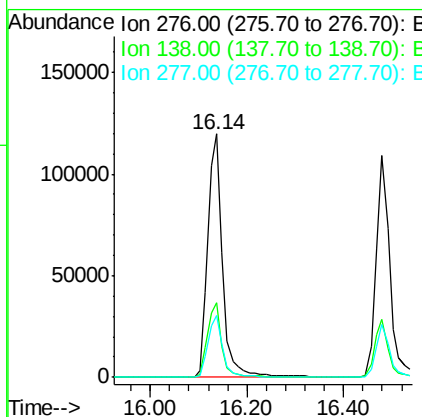
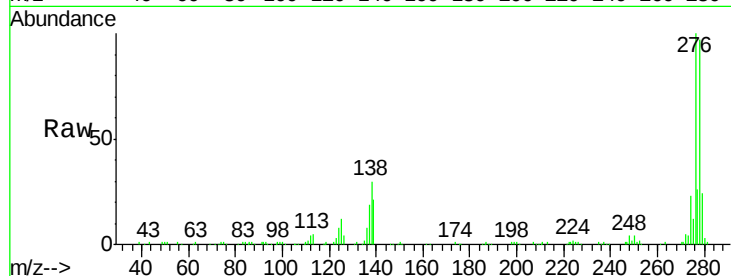
ClientSampleId :

SB-44-7.0-8.0MSD

Tot Ion:	276	Resp:	260634
Ion Ratio	Lower	Upper	
276	100		
138	29.7	23.0	34.4
277	25.2	20.2	30.4

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#86

Perylene-d12

Concen: 20.00 ng

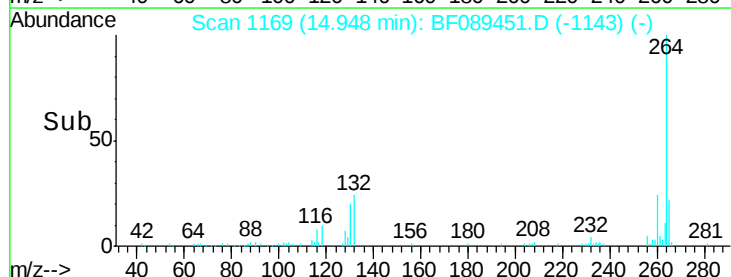
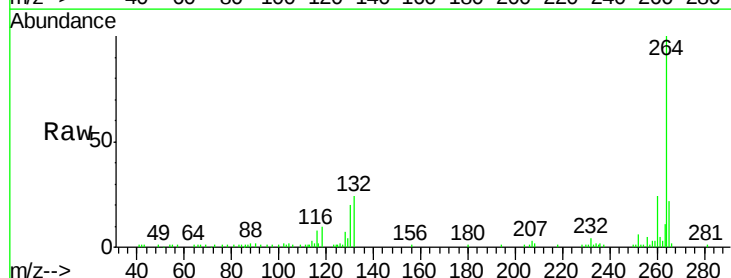
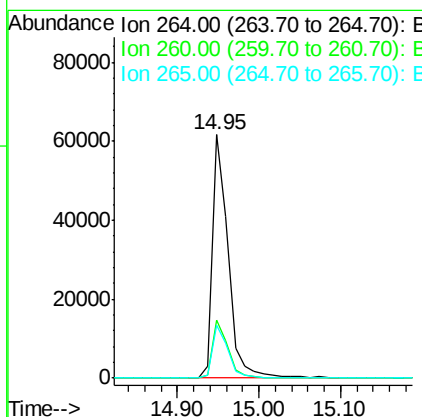
RT: 14.95 min Scan# 1169

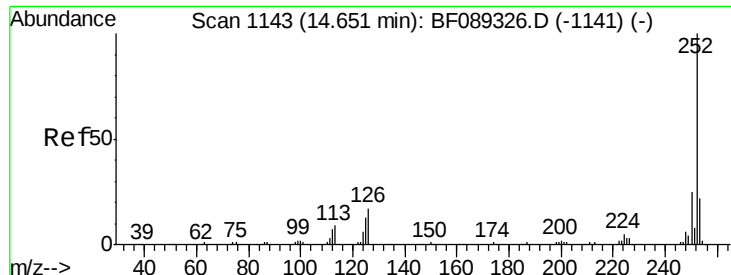
Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Tgt Ion:	264	Resp:	83505
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.0	28.4
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 39.56 ng m

RT: 14.61 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Instrument :

BNA_F

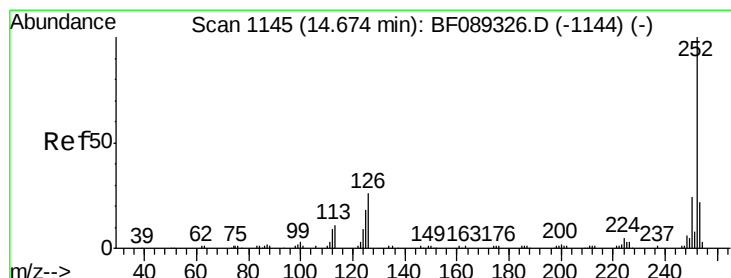
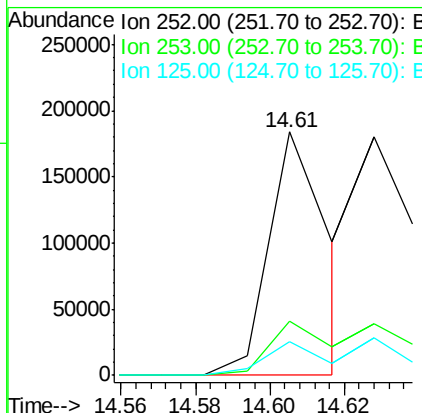
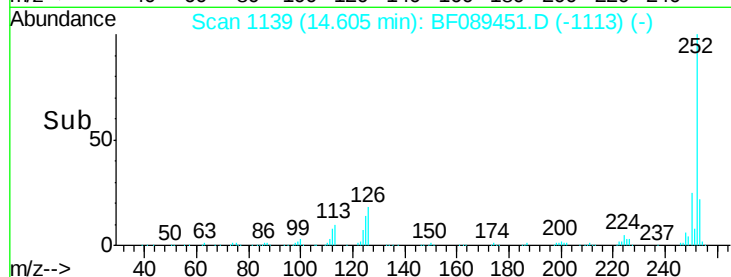
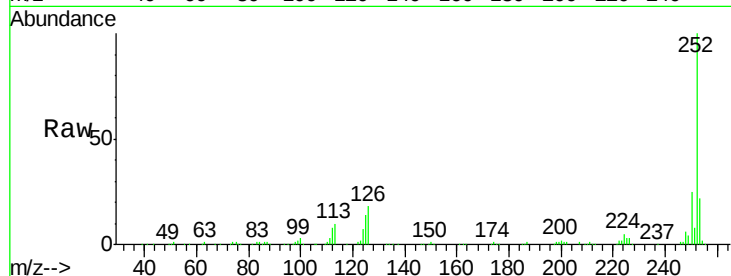
ClientSampleId :

SB-44-7.0-8.0MSD

Tot Ion:	252	Resp:	205133
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.2	25.8
125	14.0	9.7	14.5

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#88

Benzo(k)fluoranthene

Concen: 46.83 ng m

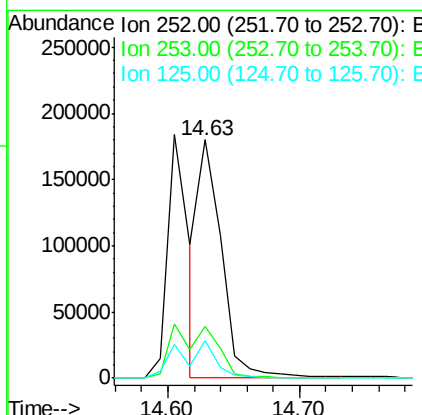
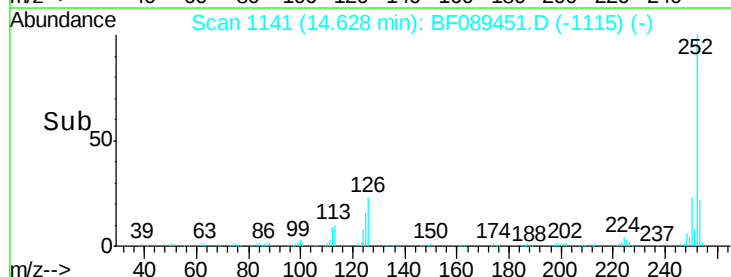
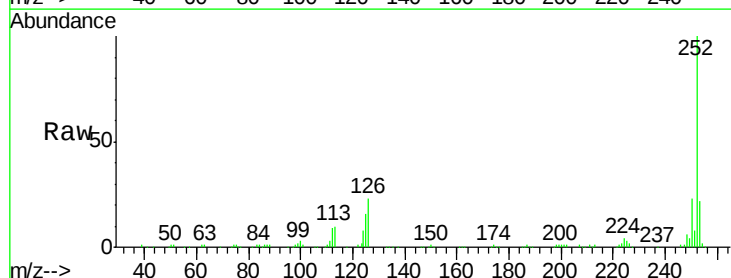
RT: 14.63 min Scan# 1141

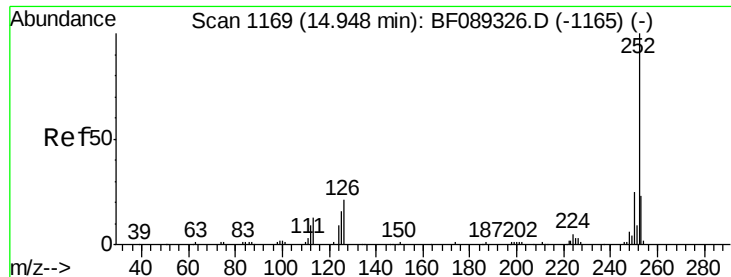
Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Tgt Ion:	252	Resp:	223257
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.8
125	15.7	10.7	16.1





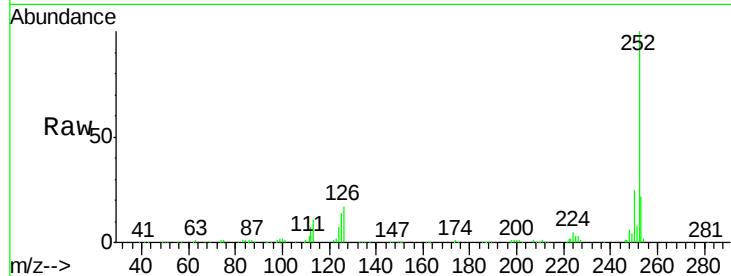
#89
Benzo(a)pyrene
Concen: 46.18 ng
RT: 14.90 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SB-44-7.0-8.0MSD

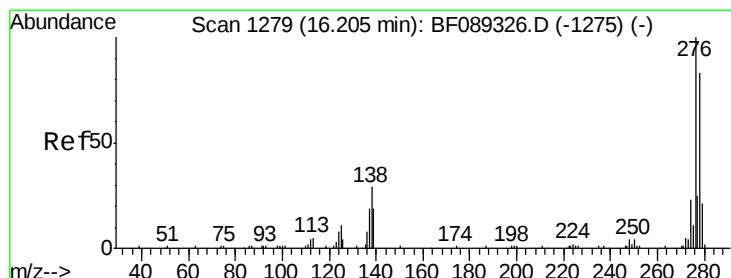
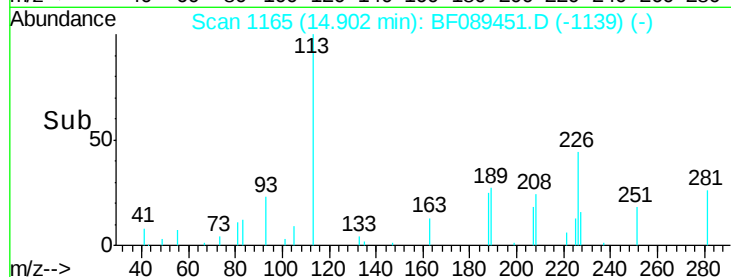
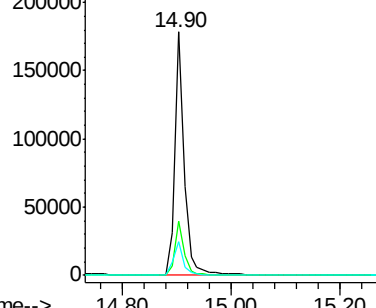
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	13.7	12.4	18.6

Manual Integrations
APPROVED

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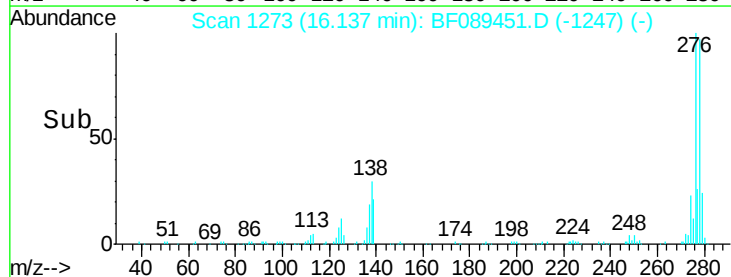
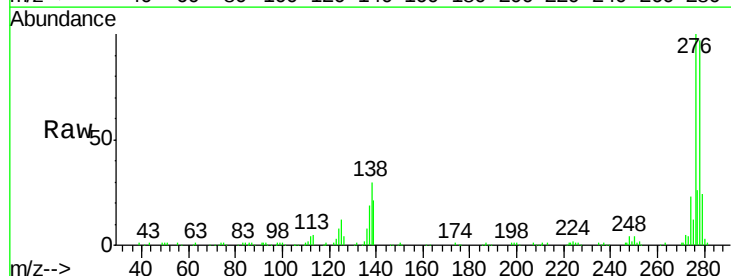
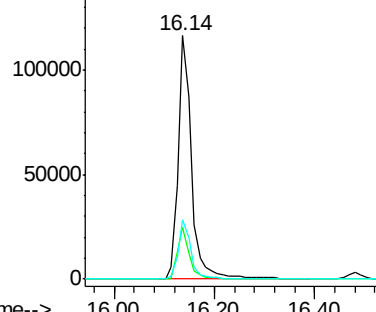
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

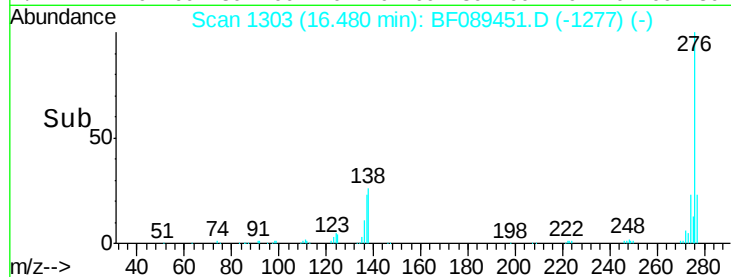
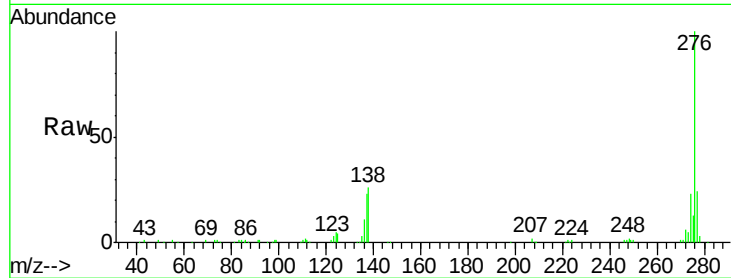
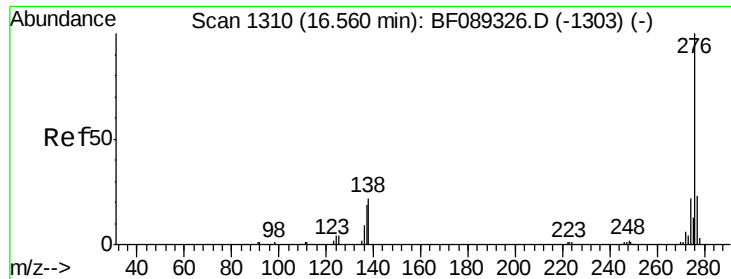


#90
Dibenzo(a,h)anthracene
Concen: 58.92 ng
RT: 16.14 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF089451.D
Acq: 30 Jul 2016 14:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	16.3	24.5
279	24.2	19.1	28.7

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





#91

Benzo(a,h,i)perylene

Concen: 61.52 ng

RT: 16.48 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF089451.D

Acq: 30 Jul 2016 14:13

Instrument :

BNA_F

ClientSampleId :

SB-44-7.0-8.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.6	18.6	28.0	
138	26.3	21.4	32.0	

Manual Integrations
APPROVED

sohil
8/1/2016 7:18:26 PM

