

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089955.D
 Acq On : 31 Aug 2016 17:28
 Operator : UM/SJ
 Sample : PB93146BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:54:11 AM

Quant Time: Aug 31 19:32:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	187492	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	723997	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	364090	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	661847	20.00	ng	0.00
75) Chrysene-d12	13.76	240	438876	20.00	ng	0.00
86) Perylene-d12	15.10	264	427003	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1361626	116.24	ng	0.01
7) Phenol-d6	6.28	99	1693930	119.01	ng	0.01
23) Nitrobenzene-d5	7.21	82	1149481	92.08	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	431596	120.15	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1945203	87.70	ng	0.00
78) Terphenyl-d14	12.72	244	1511457	85.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	206365	37.18	ng	99
3) Pyridine	2.80	79	637654	43.06	ng	98
4) n-Nitrosodimethylamine	2.75	42	319800	43.80	ng	97
6) Aniline	6.30	93	534248	27.51	ng	# 52
8) 2-Chlorophenol	6.42	128	562838	44.29	ng	93
9) Benzaldehyde	6.17	77	107658	11.72	ng	88
10) Phenol	6.30	94	583916	35.28	ng	94
11) bis(2-Chloroethyl)ether	6.39	93	563058	44.95	ng	86
12) 1,3-Dichlorobenzene	6.58	146	604278	42.58	ng	99
13) 1,4-Dichlorobenzene	6.65	146	594128	40.91	ng	100
14) 1,2-Dichlorobenzene	6.81	146	605178	46.49	ng	99
15) Benzyl Alcohol	6.79	79	406544	45.60	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1085230	45.44	ng	98
17) 2-Methylphenol	6.91	107	508318	50.09	ng	97
18) Hexachloroethane	7.15	117	222751	44.78	ng	98
19) n-Nitroso-di-n-propylamine	7.07	70	414714	44.71	ng	97
20) 3+4-Methylphenols	7.06	107	536741	43.63	ng	97
22) Acetophenone	7.05	105	687526	42.33	ng	# 93
24) Nitrobenzene	7.22	77	549739	41.42	ng	96
25) Isophorone	7.47	82	1131901	44.59	ng	99
26) 2-Nitrophenol	7.54	139	295542	46.58	ng	98
27) 2,4-Dimethylphenol	7.60	122	556996	47.46	ng	94
28) bis(2-Chloroethoxy)methane	7.69	93	748486	48.89	ng	99
29) 2,4-Dichlorophenol	7.78	162	479434	45.57	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	537379	46.72	ng	98
31) Naphthalene	7.94	128	1498660	41.55	ng	100
32) Benzoic acid	7.72	122	285203	36.08	ng	92
33) 4-Chloroaniline	8.00	127	312082	21.45	ng	95
34) Hexachlorobutadiene	8.07	225	288758	42.84	ng	100
35) Caprolactam	8.38	113	167899m	50.56	ng	
36) 4-Chloro-3-methylphenol	8.49	107	524566	47.08	ng	86
37) 2-Methylnaphthalene	8.64	142	1168758	49.04	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	395008	37.03	ng	99
40) Hexachlorocyclopentadiene	8.79	237	400995	73.32	ng	94

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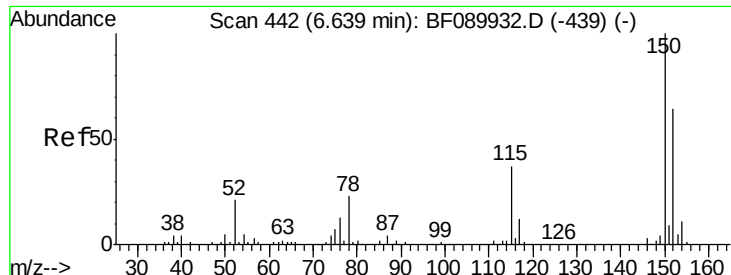
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	351890	47.61	ng	99
43) 2,4,5-Trichlorophenol	8.96	196	349870	49.22	ng	# 92
45) 1,1'-Biphenyl	9.10	154	1078229	36.78	ng	100
46) 2-Chloronaphthalene	9.12	162	929358	44.82	ng	99
47) 2-Nitroaniline	9.22	65	353501	52.15	ng	# 63
48) Acenaphthylene	9.53	152	1480925	43.19	ng	100
49) Dimethylphthalate	9.42	163	1208858	45.94	ng	# 97
50) 2,6-Dinitrotoluene	9.46	165	259932	44.41	ng	95
51) Acenaphthene	9.70	154	1018218	46.87	ng	99
52) 3-Nitroaniline	9.62	138	177787	26.63	ng	99
53) 2,4-Dinitrophenol	9.74	184	202722	58.48	ng	# 62
54) Dibenzofuran	9.87	168	1343149	46.14	ng	99
55) 4-Nitrophenol	9.80	139	465188	92.39	ng	89
56) 2,4-Dinitrotoluene	9.86	165	321426	43.31	ng	# 84
57) Fluorene	10.22	166	1030394	48.44	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	294365	48.37	ng	96
59) Diethylphthalate	10.10	149	1158370	46.79	ng	99
60) 4-Chlorophenyl-phenylether	10.22	204	475306	47.48	ng	96
61) 4-Nitroaniline	10.24	138	288842	44.04	ng	95
62) Azobenzene	10.36	77	1183204	47.85	ng	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	136398	32.19	ng	94
65) n-Nitrosodiphenylamine	10.33	169	881210	44.29	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	323969	48.62	ng	99
67) Hexachlorobenzene	10.75	284	324544	42.64	ng	97
68) Atrazine	10.87	200	352702	53.10	ng	94
69) Pentachlorophenol	10.95	266	332124	81.11	ng	98
70) Phenanthrene	11.16	178	1505568	45.68	ng	100
71) Anthracene	11.21	178	1516125	45.35	ng	99
72) Carbazole	11.37	167	1326736	42.33	ng	99
73) Di-n-butylphthalate	11.72	149	1787883	48.94	ng	# 97
74) Fluoranthene	12.34	202	1526564	44.20	ng	98
76) Benzidine	12.47	184	656240	39.47	ng	97
77) Pyrene	12.56	202	1449797	46.85	ng	100
79) Butylbenzylphthalate	13.20	149	627293	50.27	ng	99
80) Benzo(a)anthracene	13.75	228	1215033	45.20	ng	98
81) 3,3'-Dichlorobenzidine	13.71	252	365461	37.67	ng	97
82) Chrysene	13.78	228	1137004	45.28	ng	100
83) Bis(2-ethylhexyl)phthalate	13.77	149	876909	50.81	ng	100
84) Di-n-octyl phthalate	14.38	149	1476643	53.00	ng	100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1195260	64.39	ng	100
87) Benzo(b)fluoranthene	14.74	252	1288415m	48.16	ng	
88) Benzo(k)fluoranthene	14.77	252	900682m	39.68	ng	
89) Benzo(a)pyrene	15.05	252	1119440	48.84	ng	# 98
90) Dibenzo(a,h)anthracene	16.35	278	1005072	59.85	ng	99
91) Benzo(g,h,i)perylene	16.70	276	983392	58.18	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

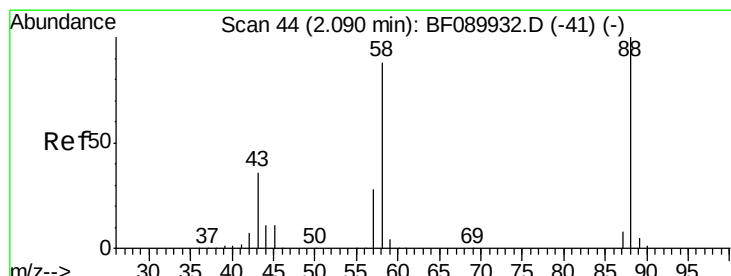
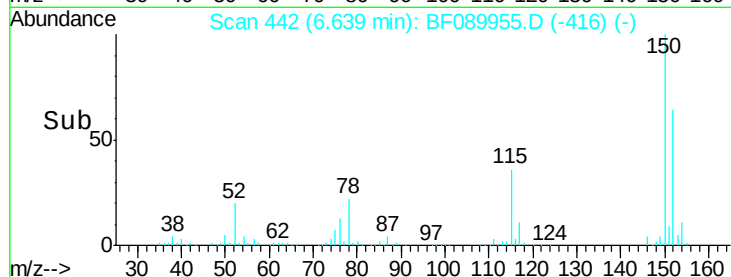
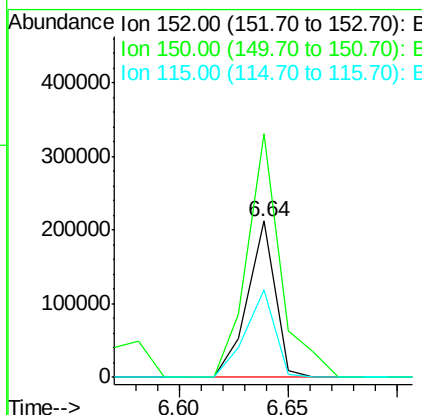
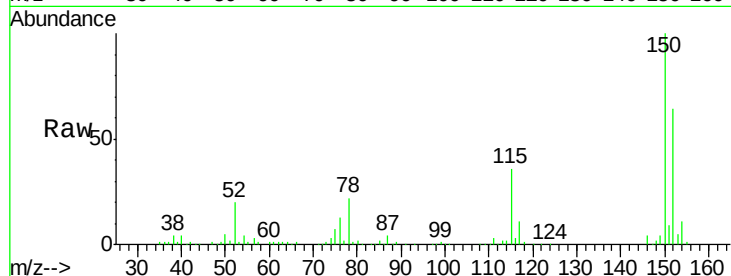
ClientSampleId :

PB93146BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.4	191.2
115	56.0	46.3	69.5

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#2

1,4-Dioxane

Concen: 37.18 ng

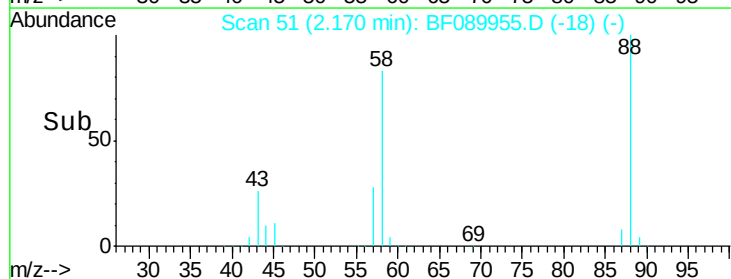
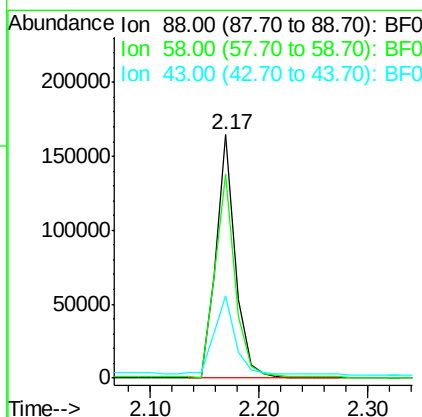
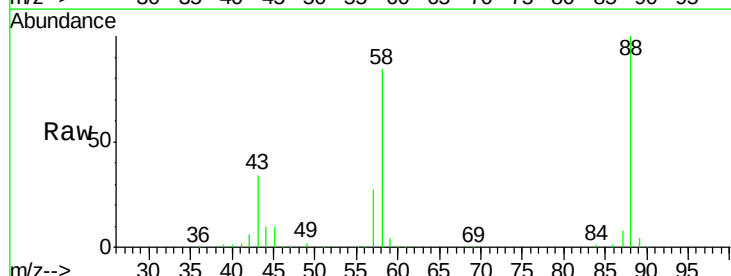
RT: 2.17 min Scan# 51

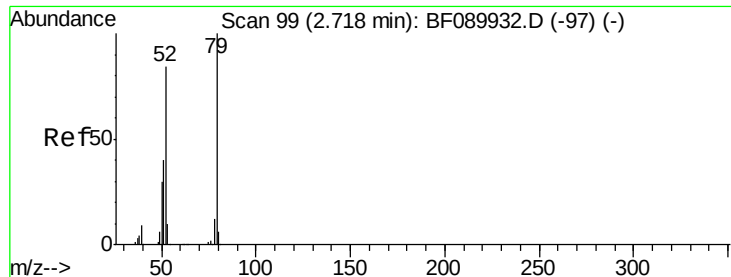
Delta R.T. 0.08 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.9	68.8	103.2
43	34.3	27.0	40.6





#3

Pyridine

Concen: 43.06 ng

RT: 2.80 min Scan# 106

Delta R.T. 0.08 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

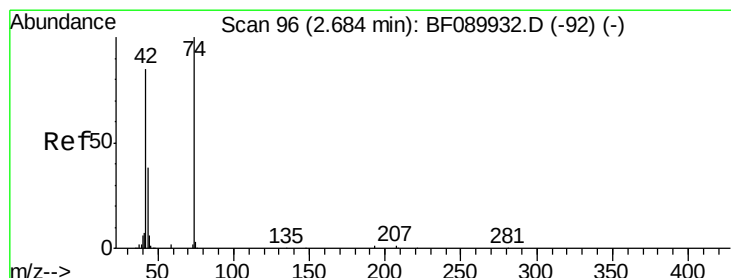
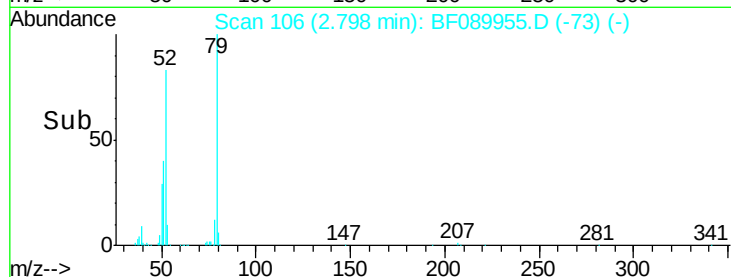
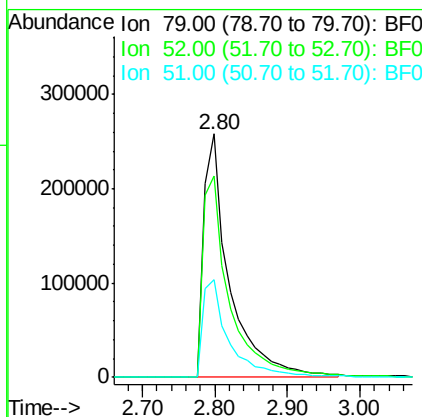
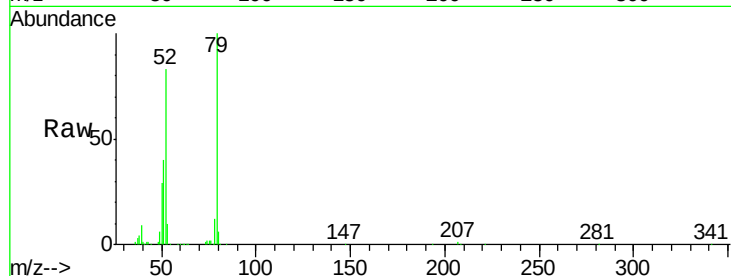
ClientSampleId :

PB93146BS

Tgt Ion:	79	Resp:	637654
Ion	Ratio	Lower	Upper
79	100		
52	82.7	67.8	101.6
51	39.9	32.9	49.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.80 ng

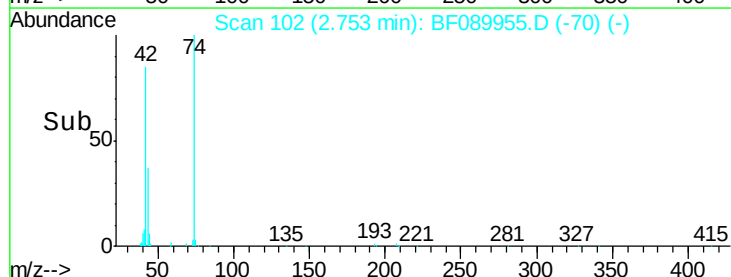
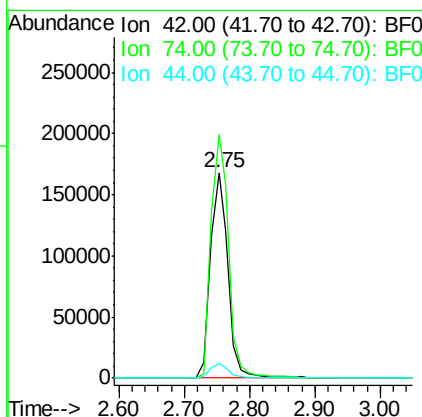
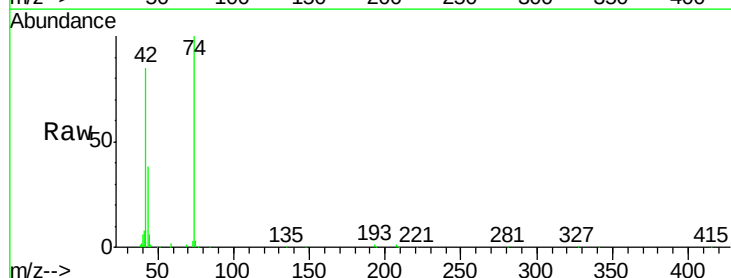
RT: 2.75 min Scan# 102

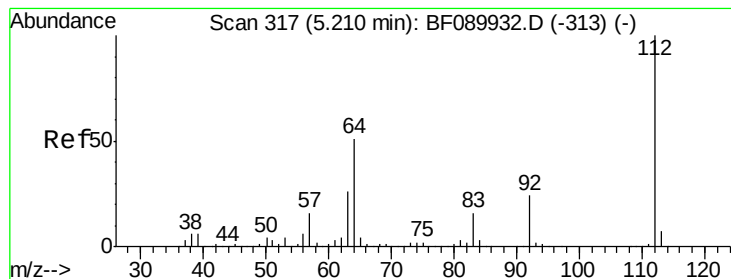
Delta R.T. 0.07 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Tgt Ion:	42	Resp:	319800
Ion	Ratio	Lower	Upper
42	100		
74	118.3	92.0	138.0
44	6.9	5.8	8.8





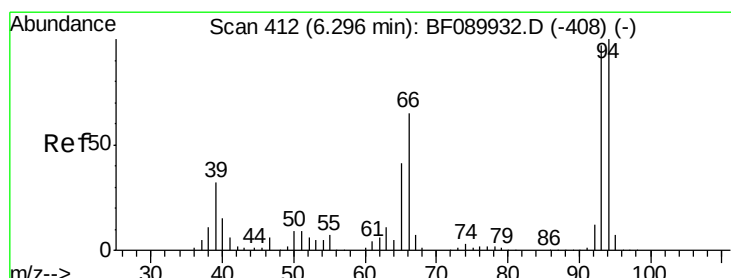
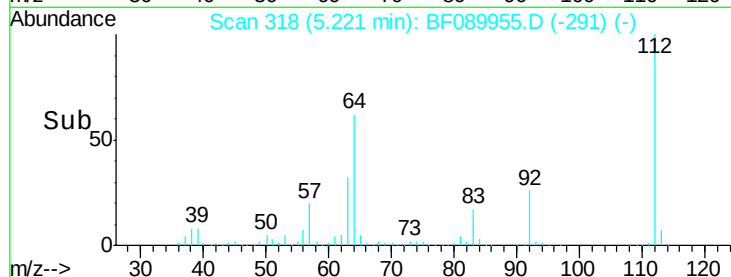
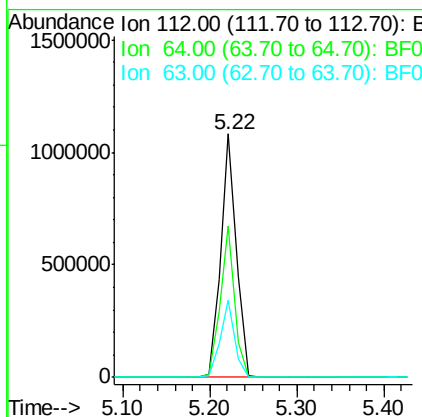
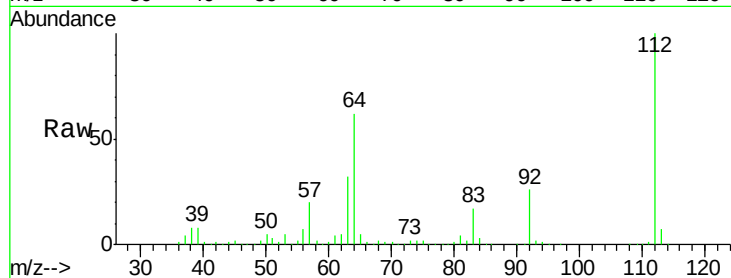
#5
2-Fluorophenol
Concen: 116.24 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampled :
PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1361626		
64	62.2		41.1	61.7#
63	31.9		21.2	31.8#

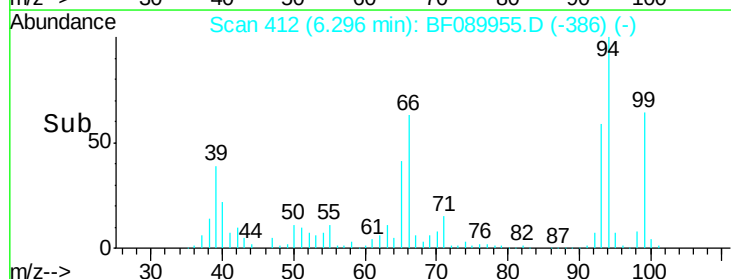
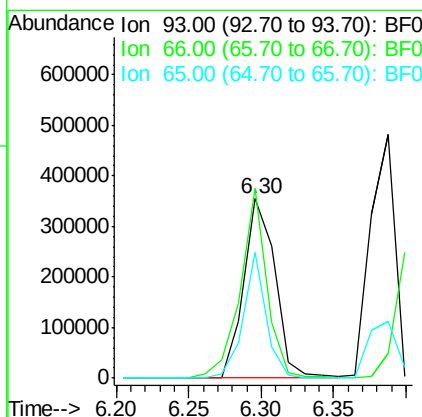
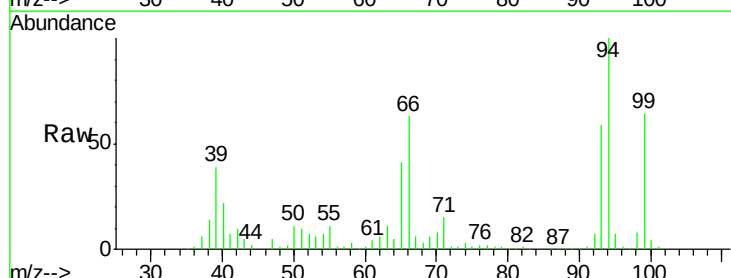
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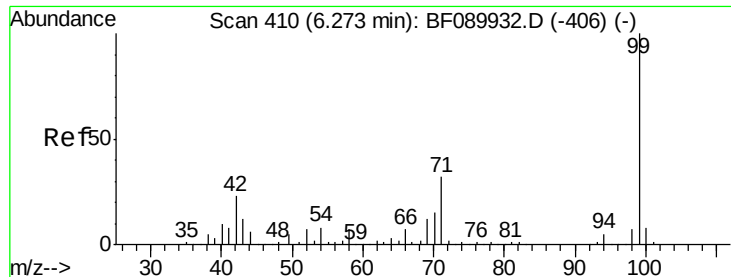
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#6
Aniline
Concen: 27.51 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	534248		
66	105.9		52.9	79.3#
65	70.0		33.0	49.6#





#7

Phenol-d6

Concen: 119.01 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

Tgt Ion: 99 Resp: 1693930

Ion Ratio Lower Upper

99 100

42 23.2 18.6 27.8

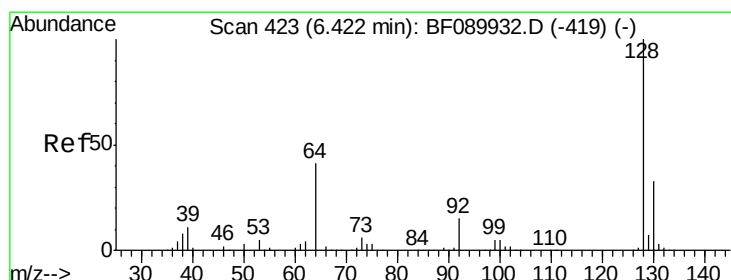
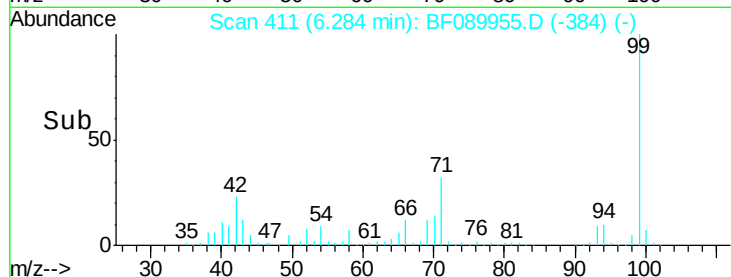
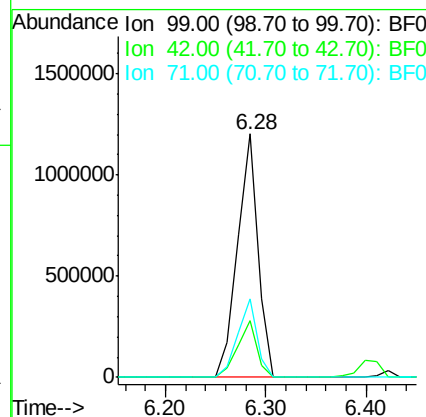
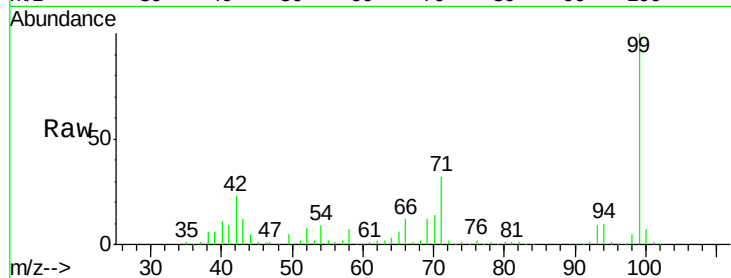
71 32.3 25.8 38.6

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#8

2-Chlorophenol

Concen: 44.29 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

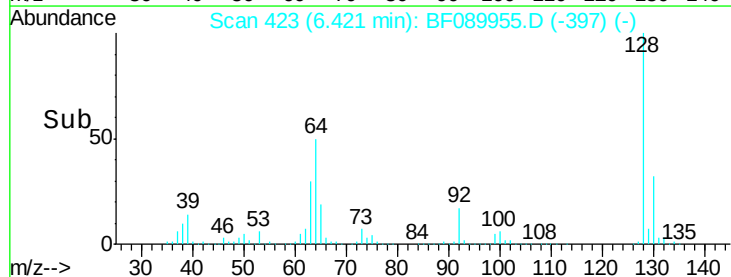
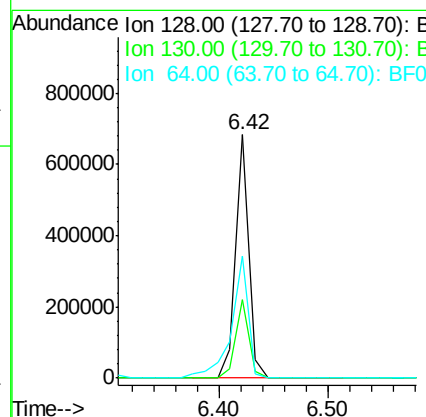
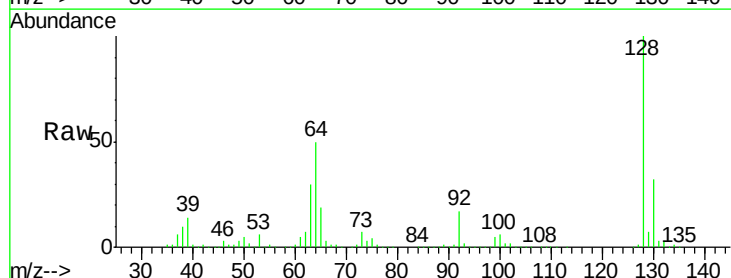
Tgt Ion: 128 Resp: 562838

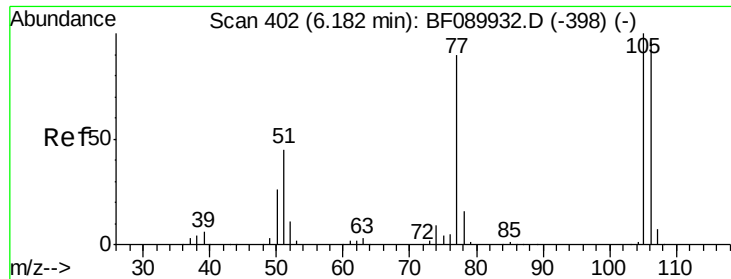
Ion Ratio Lower Upper

128 100

130 32.1 12.8 52.8

64 50.0 23.2 63.2





#9

Benzaldehyde

Concen: 11.72 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

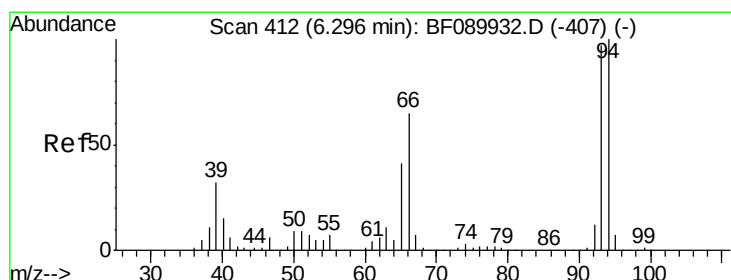
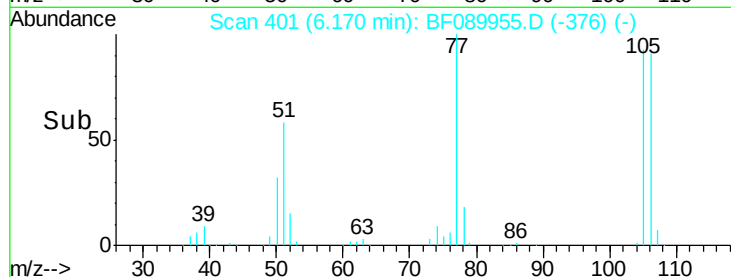
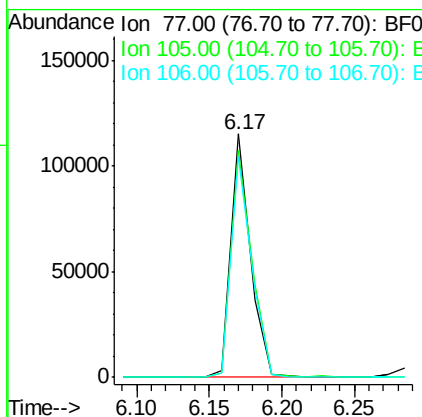
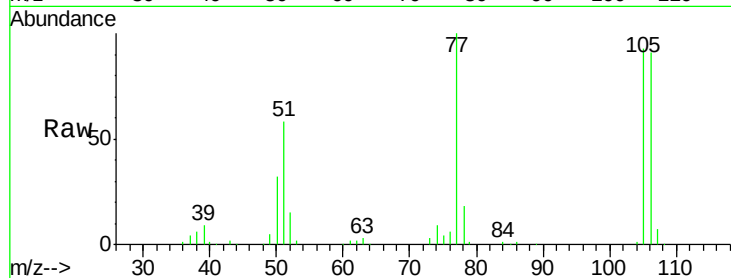
ClientSampleId :

PB93146BS

Tgt Ion:	77	Resp:	107658
Ion	Ratio	Lower	Upper
77	100		
105	93.4	85.4	125.4
106	90.6	83.4	123.4

Manual Integrations
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#10

Phenol

Concen: 35.28 ng

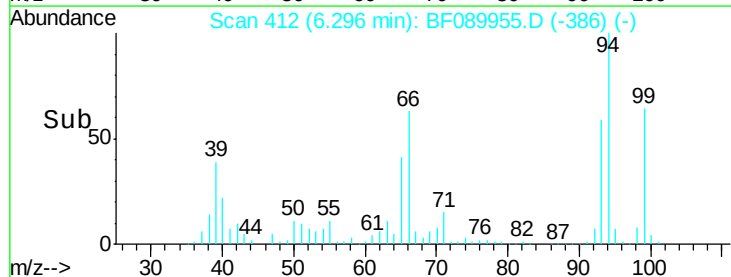
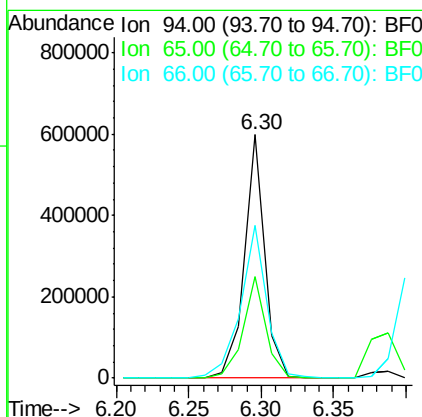
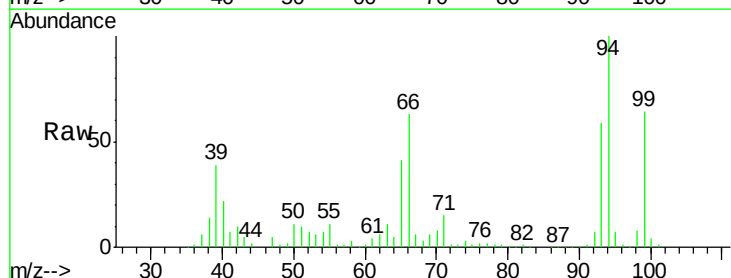
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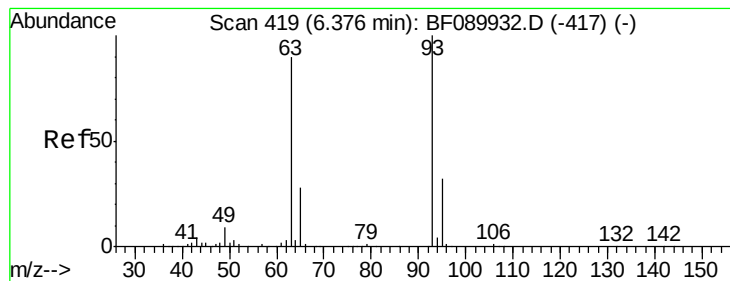
Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Tgt Ion:	94	Resp:	583916
Ion	Ratio	Lower	Upper
94	100		
65	41.5	23.2	63.2
66	62.7	49.2	89.2





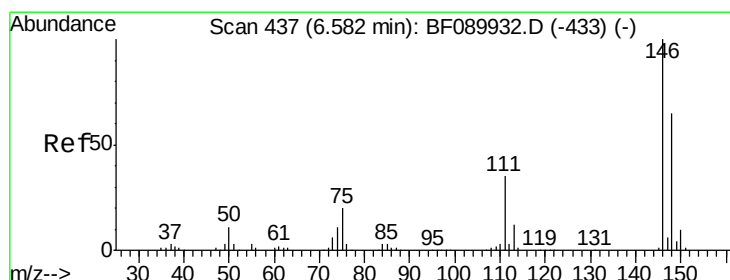
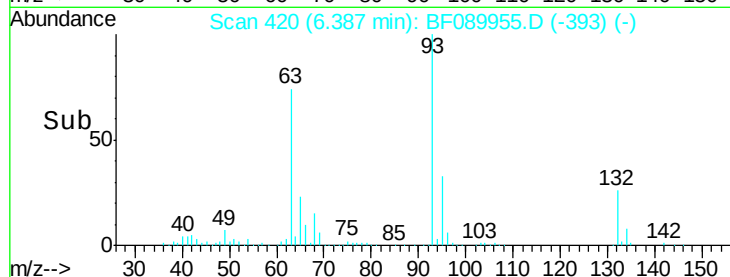
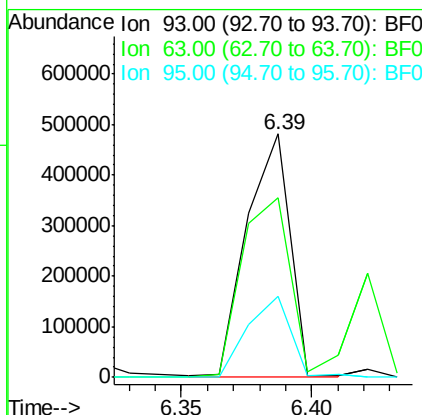
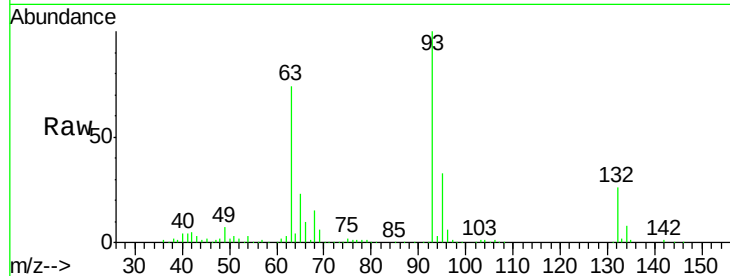
#11
bis(2-Chloroethyl)ether
Concen: 44.95 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	73.9	71.1	111.1
95	33.5	12.4	52.4

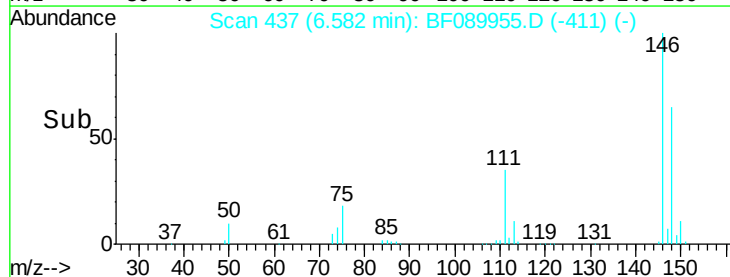
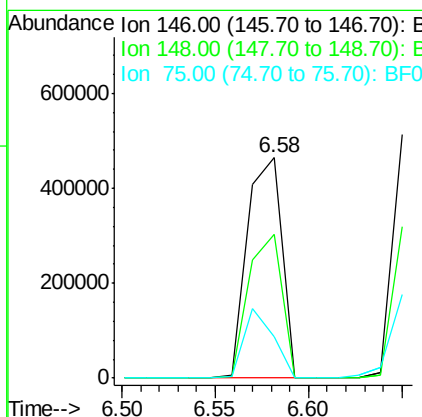
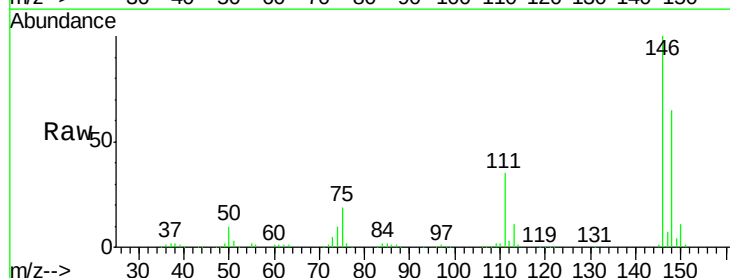
Manual Integrations
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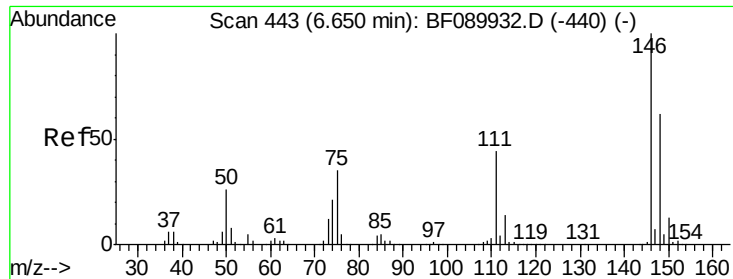
SOHIL
9/1/2016 11:54:11 AM



#12
1,3-Dichlorobenzene
Concen: 42.58 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.5	78.7
75	18.6	16.6	24.8





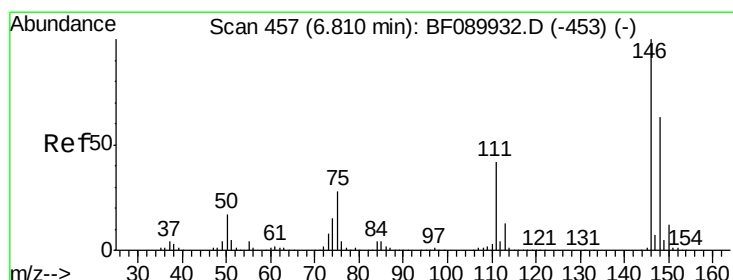
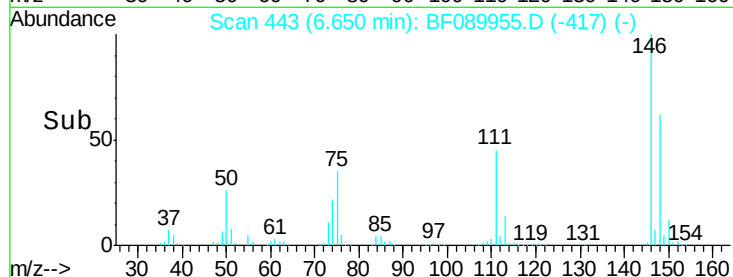
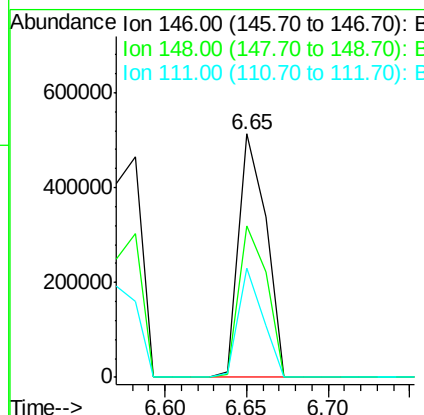
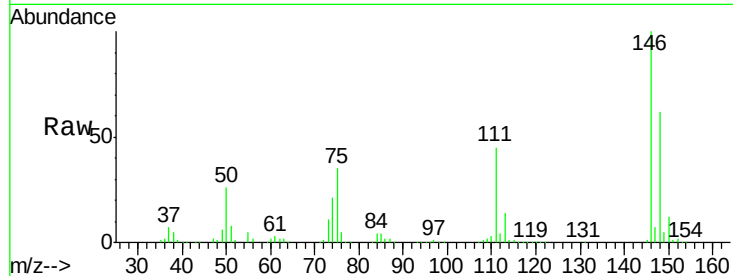
#13
 1,4-Dichlorobenzene
 Concen: 40.91 ng
 RT: 6.65 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.1	75.1
111	44.8	35.8	53.6

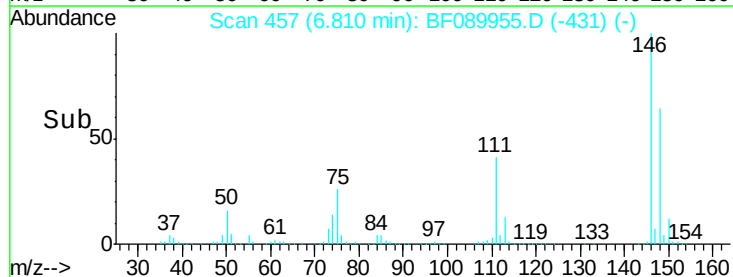
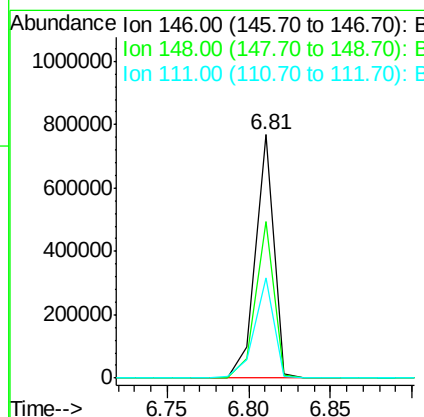
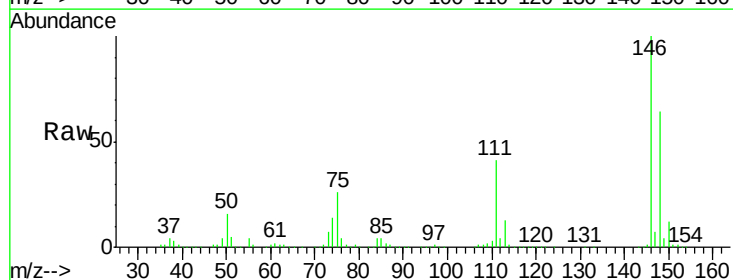
Manual Integrations
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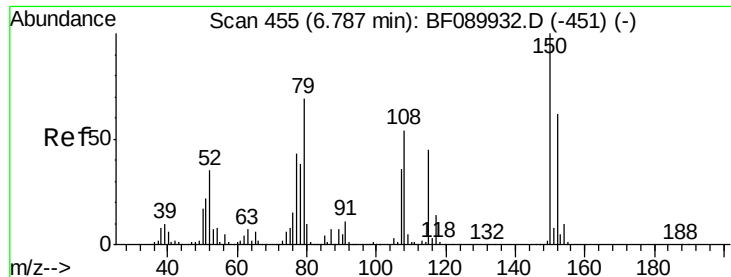
SOHIL
 9/1/2016 11:54:11 AM



#14
 1,2-Dichlorobenzene
 Concen: 46.49 ng
 RT: 6.81 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
111	41.2	34.6	51.8





#15

Benzyl Alcohol

Concen: 45.60 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

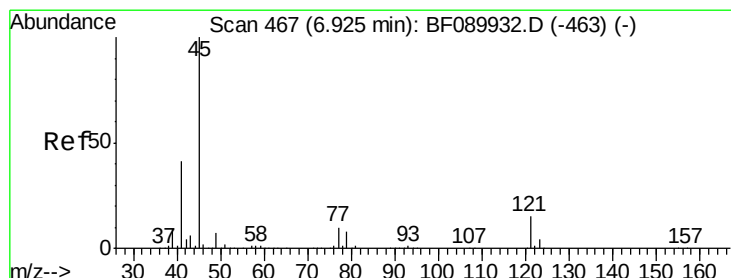
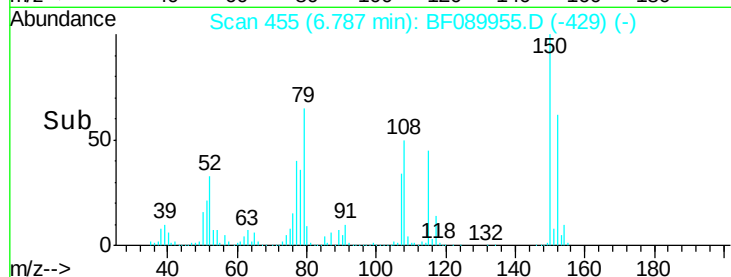
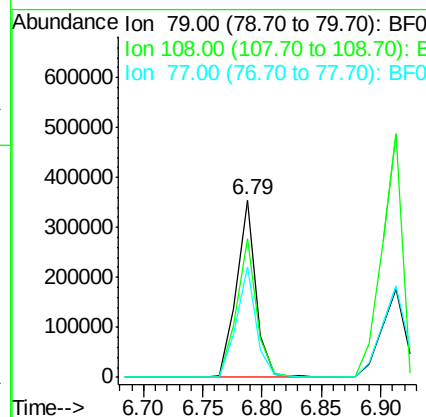
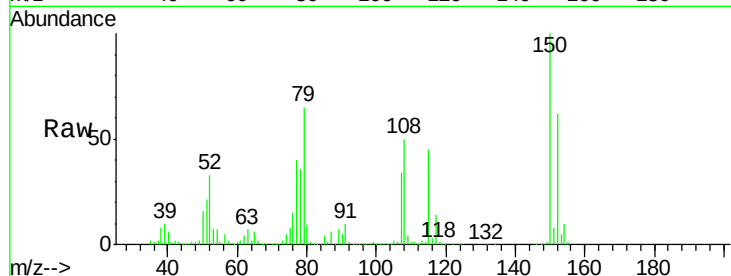
ClientSampleId :

PB93146BS

Tgt Ion:	79	Resp:	406544
Ion Ratio	Lower	Upper	
79	100		
108	77.7	62.1	93.1
77	62.2	50.1	75.1

Manual Integrations
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SOHIL
9/1/2016 11:54:11 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.44 ng

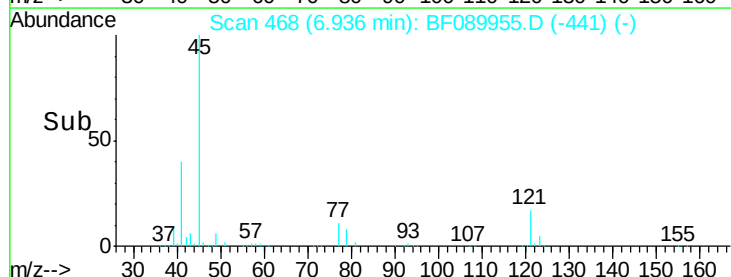
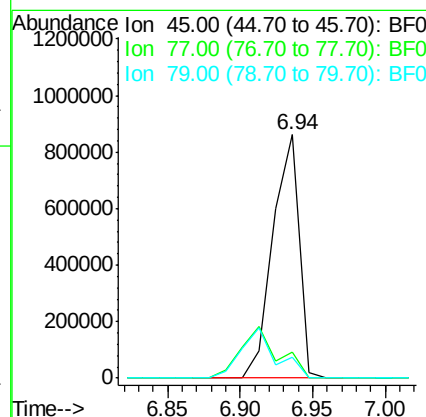
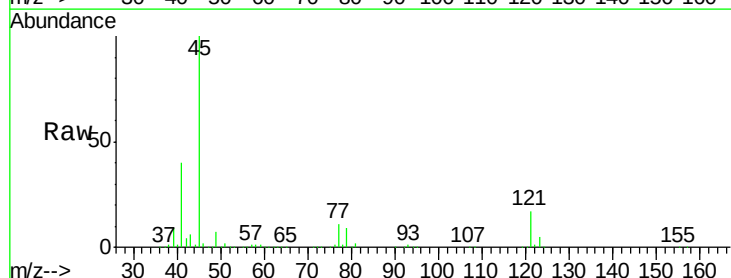
RT: 6.94 min Scan# 468

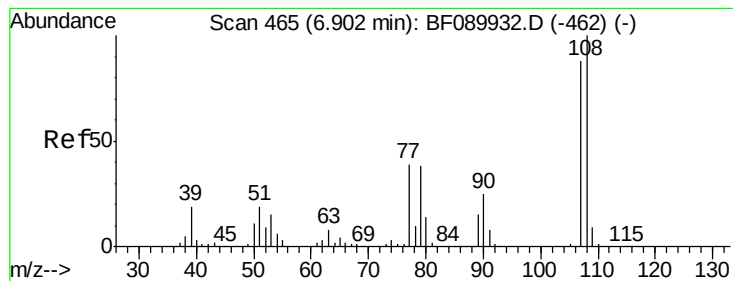
Delta R.T. 0.01 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Tgt Ion:	45	Resp:	1085230
Ion Ratio	Lower	Upper	
45	100		
77	10.8	0.0	30.3
79	8.6	0.0	27.5





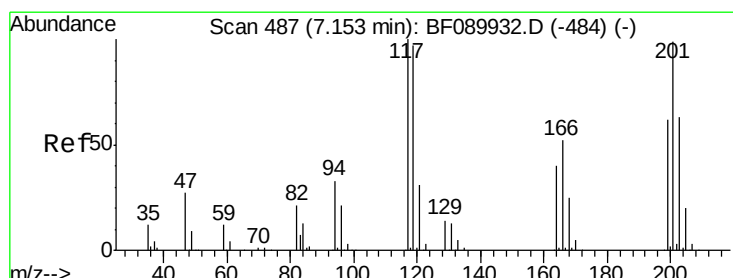
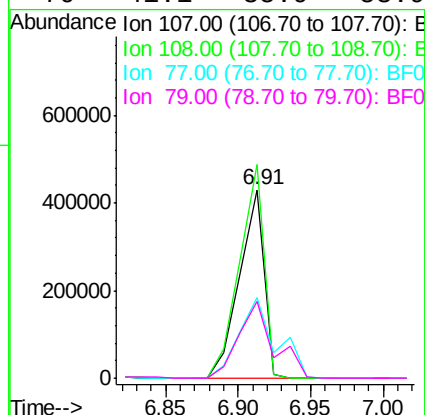
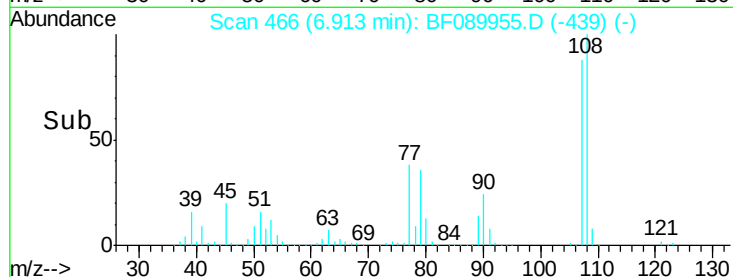
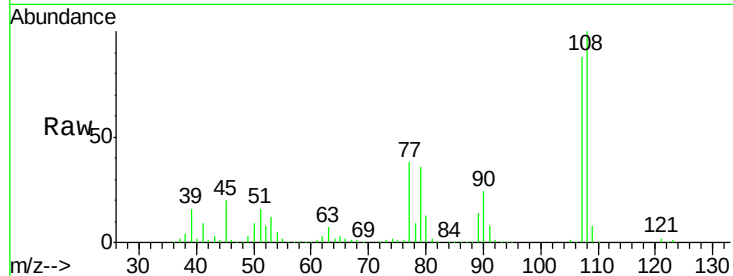
#17
2-Methylphenol
Concen: 50.09 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	508318		
108	113.5	91.8	137.6	
77	42.7	36.0	54.0	
79	41.1	35.9	53.9	

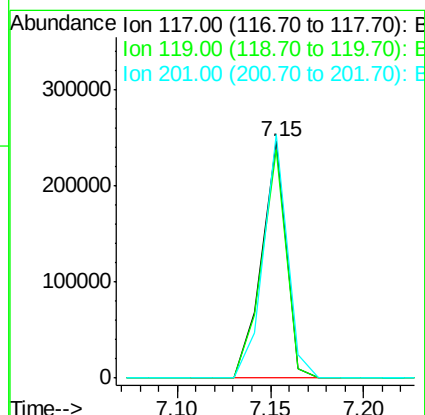
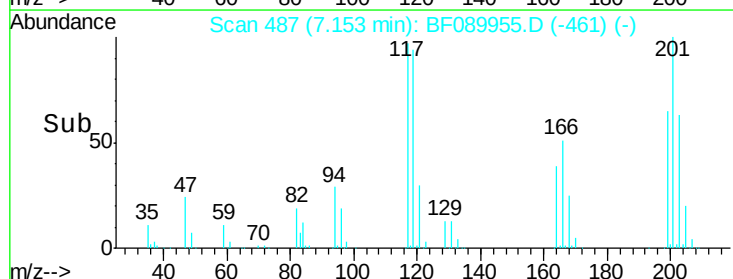
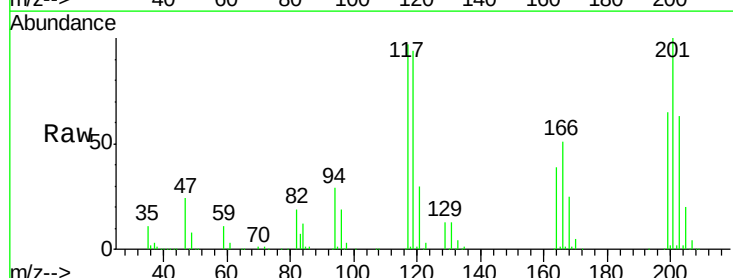
Manual Integrations
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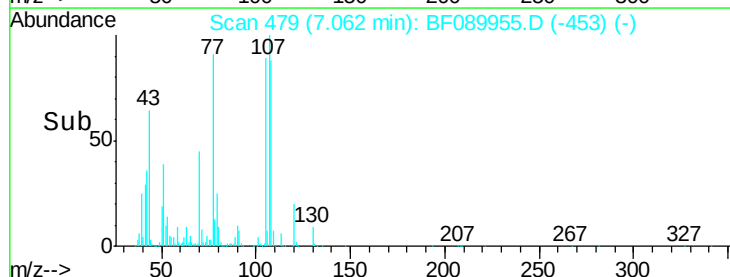
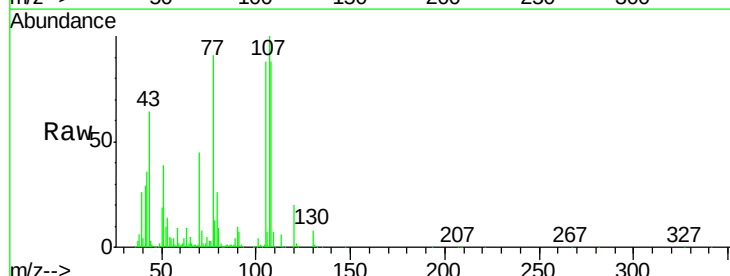
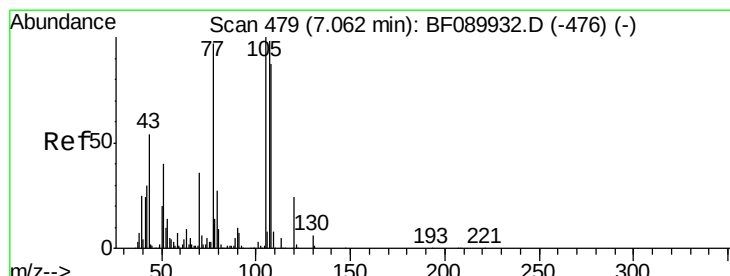
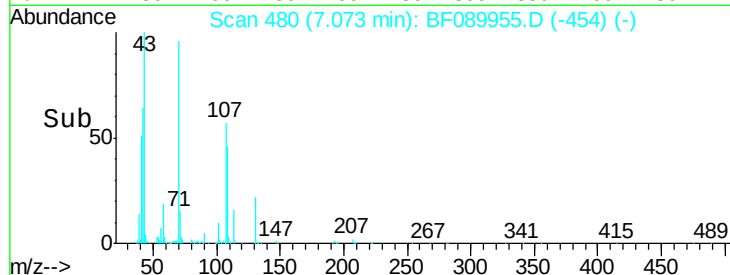
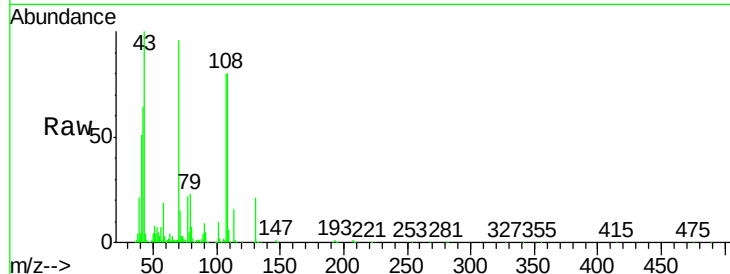
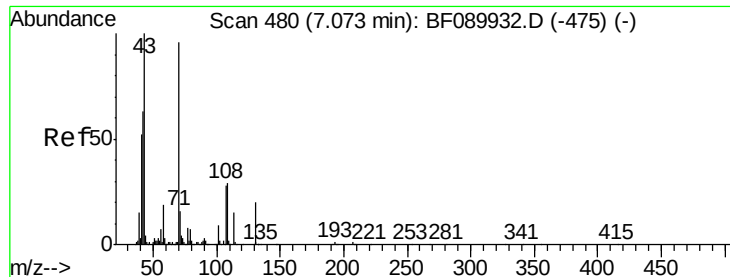
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#18
Hexachloroethane
Concen: 44.78 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	222751		
119	96.3	76.2	114.2	
201	102.9	80.2	120.2	





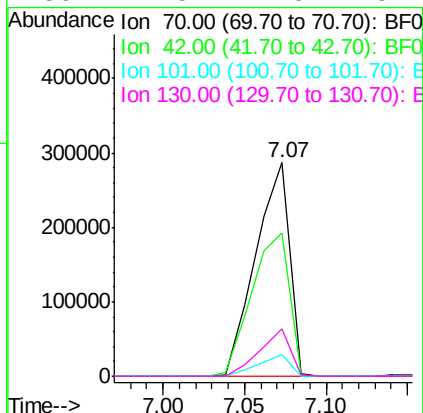
#19
n-Nitroso-di-n-propylamine
Concen: 44.71 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.1	52.1	78.1
101	10.2	7.4	11.2
130	22.5	17.0	25.4

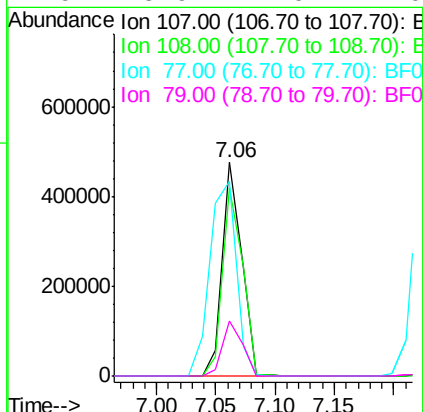
Manual Integrations
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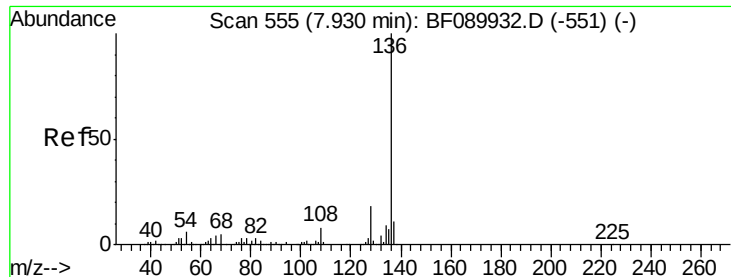
SOHIL
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#20
3+4-Methylphenols
Concen: 43.63 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	70.2	110.2
77	91.4	75.7	115.7
79	25.9	7.0	47.0





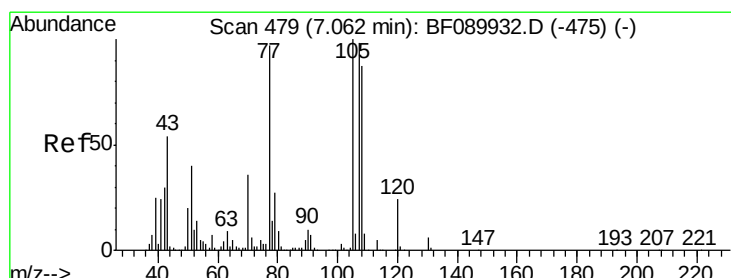
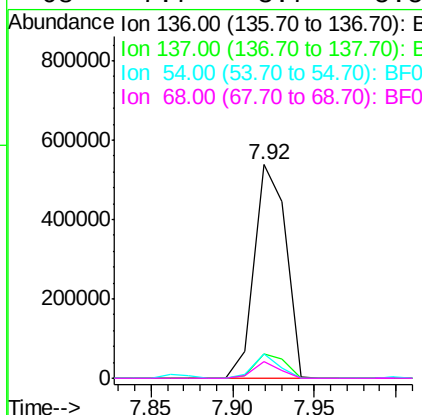
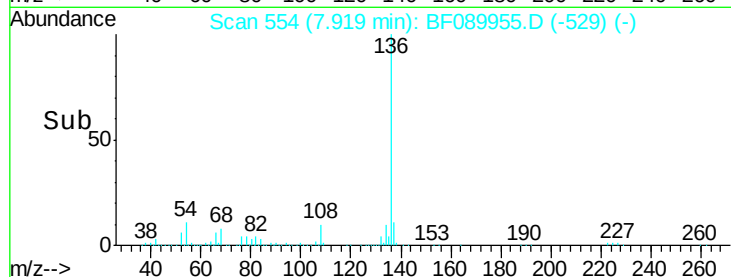
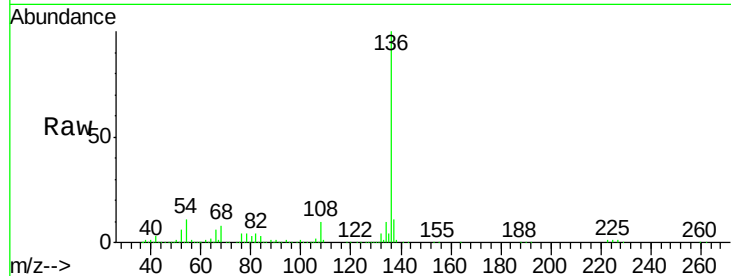
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	723997		
137	11.2	8.3	12.5	
54	11.3	4.8	7.2#	
68	7.7	3.7	5.5#	

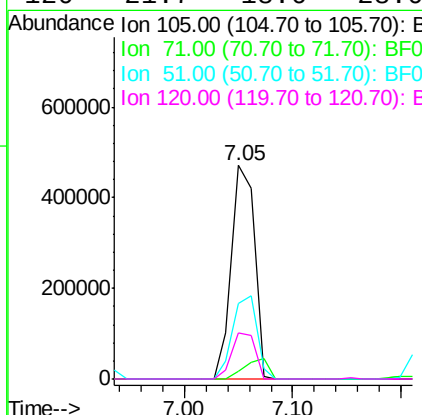
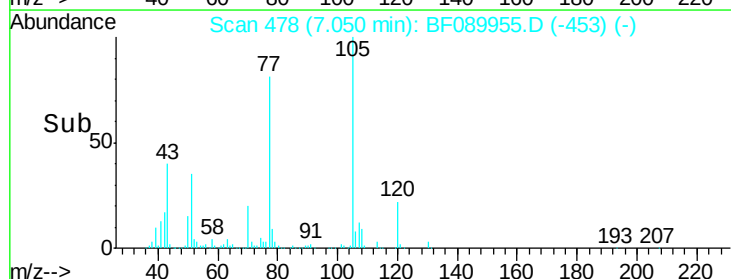
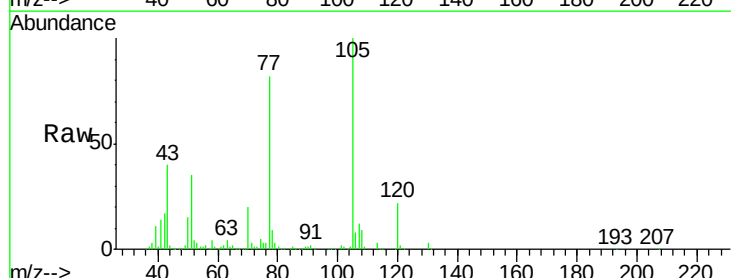
Manual Integrations
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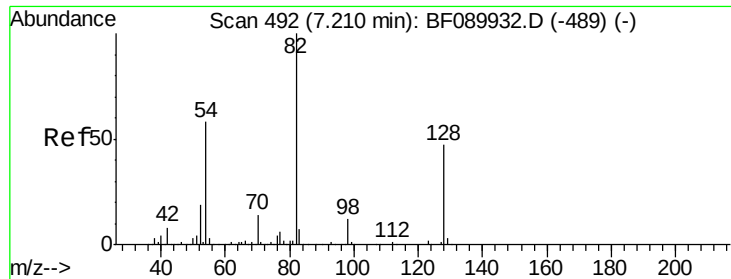
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9/1/2016 11:54:11 AM



#22
Acetophenone
Concen: 42.33 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	687526		
71	3.5	5.3	7.9#	
51	35.1	32.6	48.8	
120	21.7	18.6	28.0	





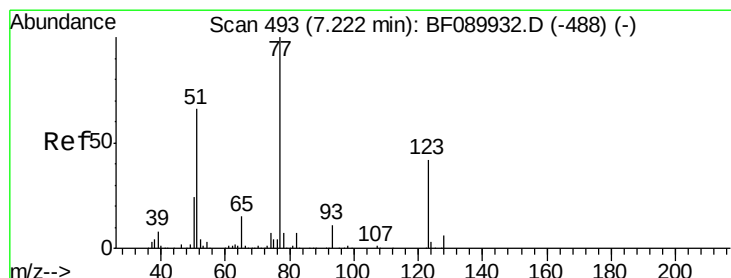
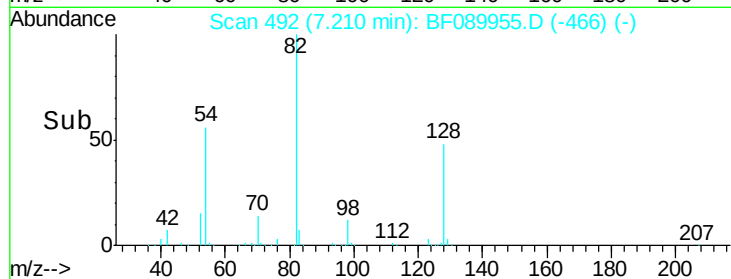
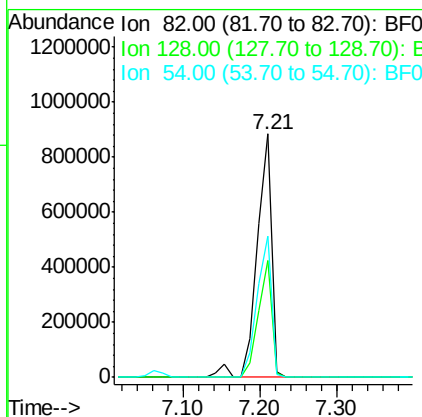
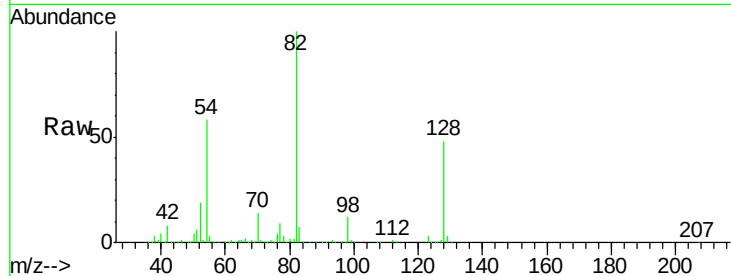
#23
 Nitrobenzene-d5
 Concen: 92.08 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.8	56.8
54	58.1	46.9	70.3

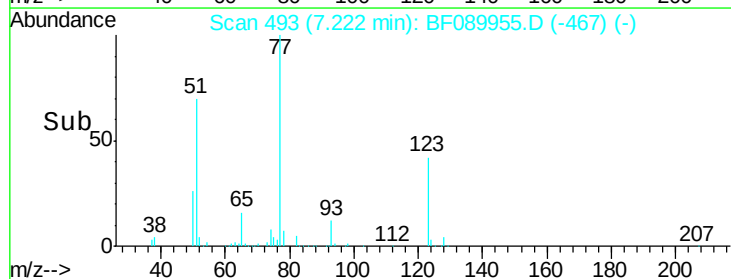
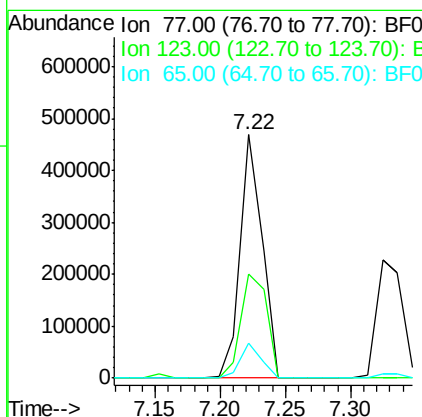
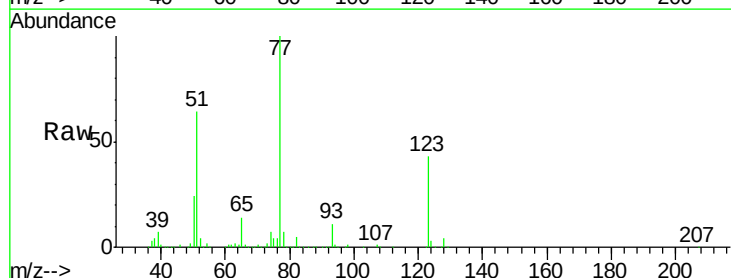
Manual Integrations
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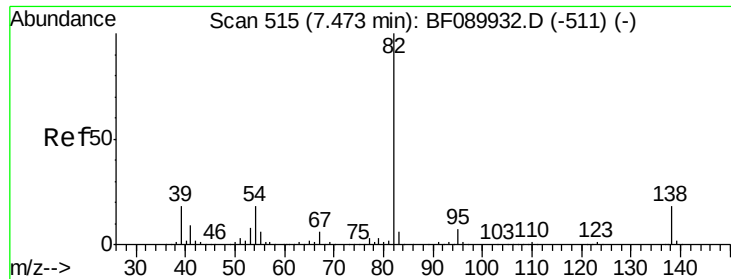
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#24
 Nitrobenzene
 Concen: 41.42 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	32.0	48.0
65	14.4	11.2	16.8





#25

Isophorone

Concen: 44.59 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

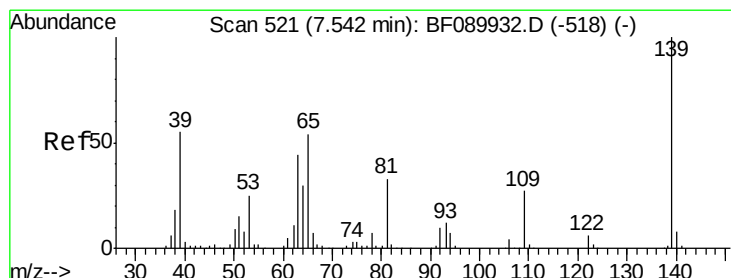
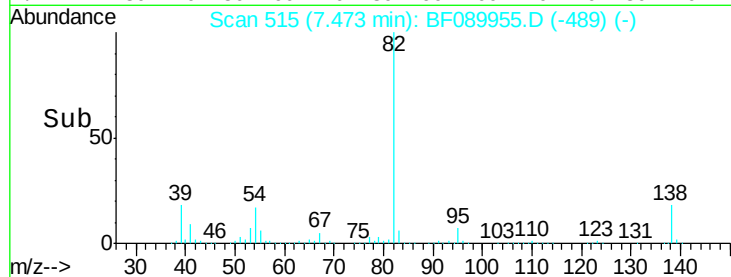
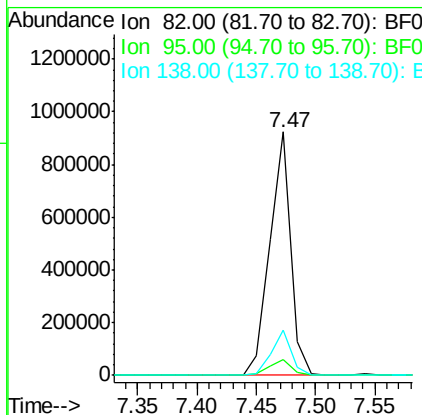
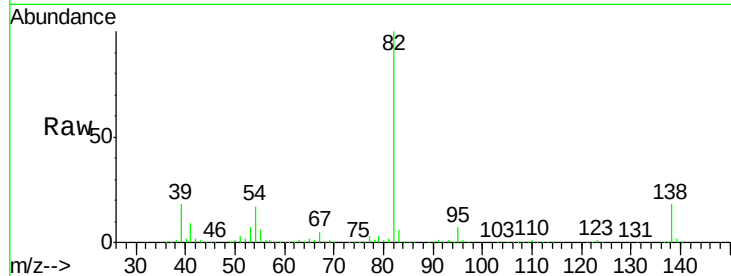
ClientSampleId :

PB93146BS

Tgt Ion:	82	Resp:	1131901
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	18.3	14.4	21.6

Manual Integrations
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9/1/2016 11:54:11 AM



#26

2-Nitrophenol

Concen: 46.58 ng

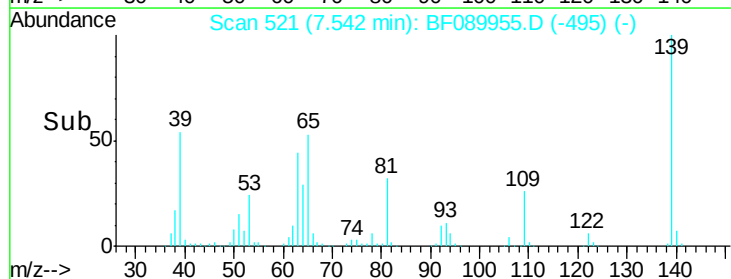
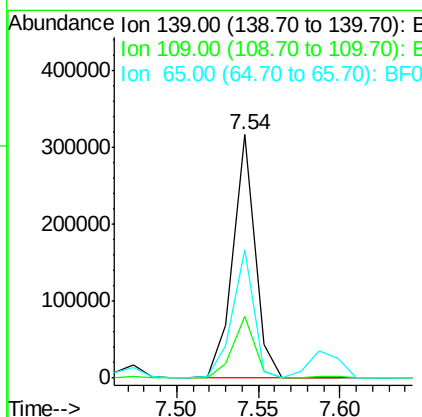
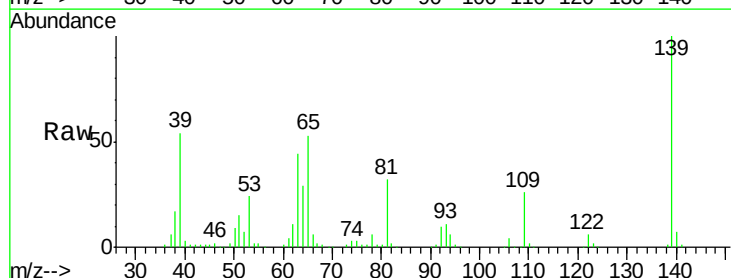
RT: 7.54 min Scan# 521

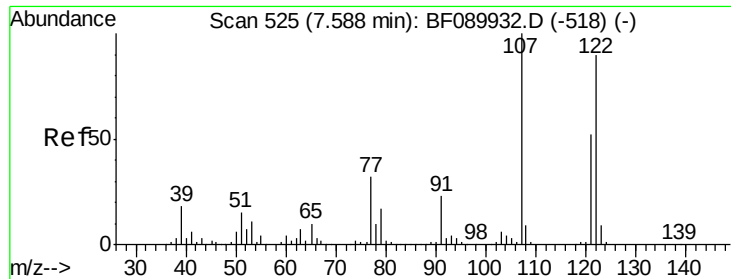
Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Tgt Ion:	139	Resp:	295542
Ion	Ratio	Lower	Upper
139	100		
109	25.7	21.0	31.4
65	52.6	43.4	65.0





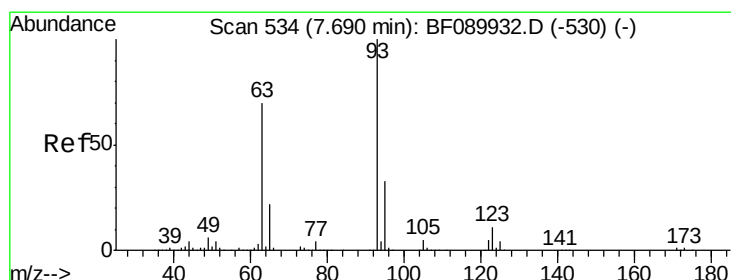
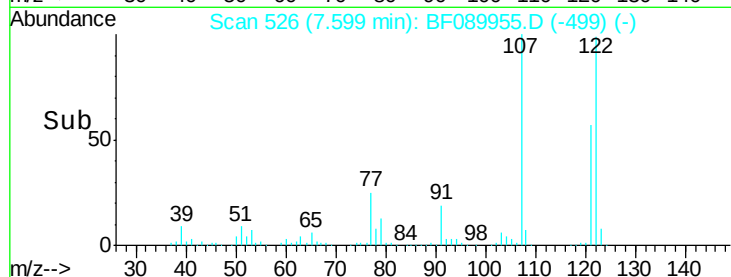
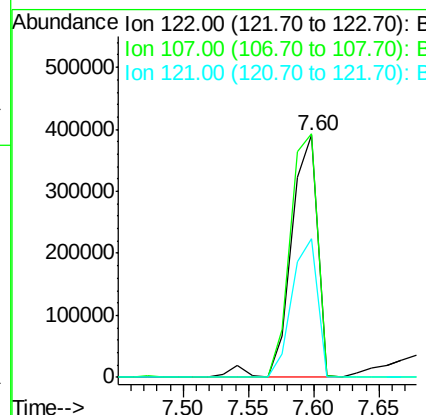
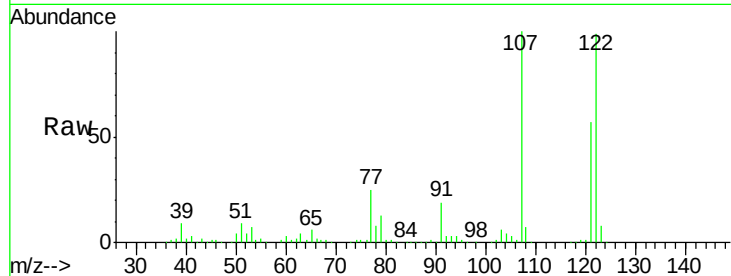
#27
 2,4-Dimethylphenol
 Concen: 47.46 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.01 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	556996		
107	100.5	88.5	132.7	
121	57.2	46.0	69.0	

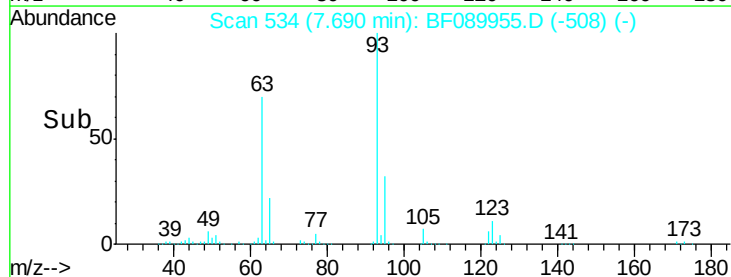
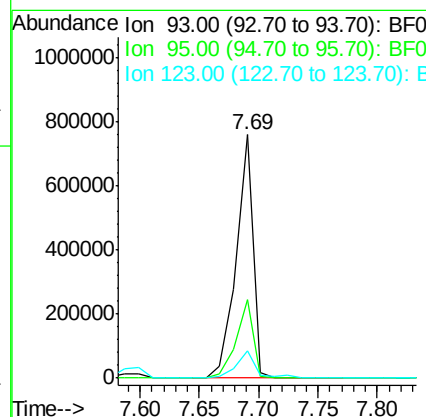
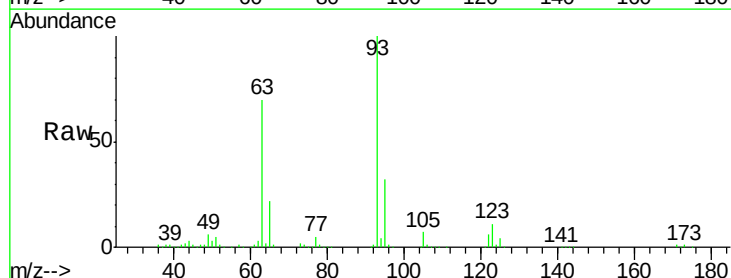
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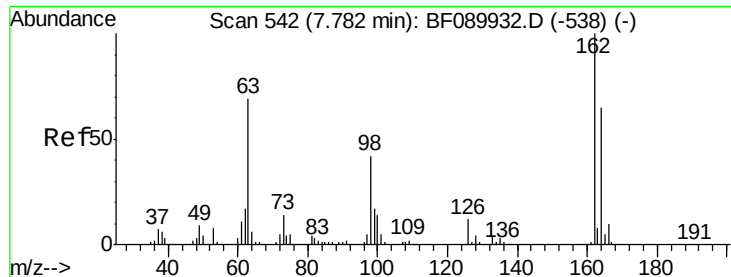
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#28
 bis(2-Chloroethoxy)methane
 Concen: 48.89 ng
 RT: 7.69 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	748486		
95	32.3	26.6	40.0	
123	11.4	9.1	13.7	





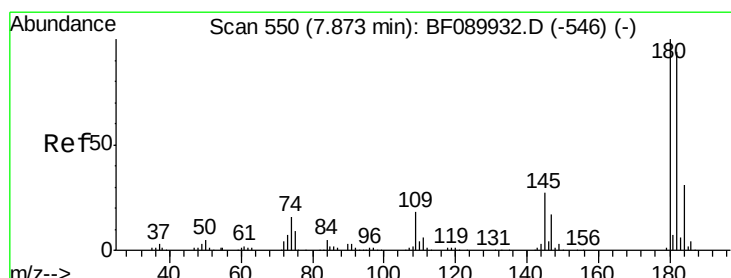
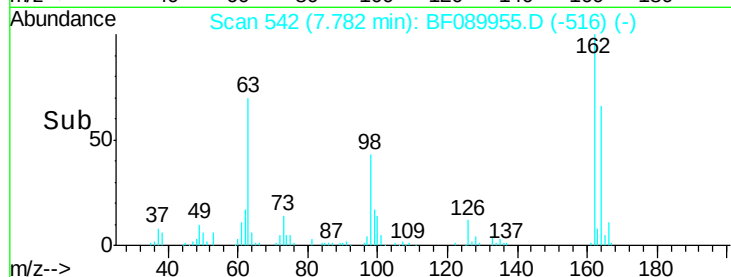
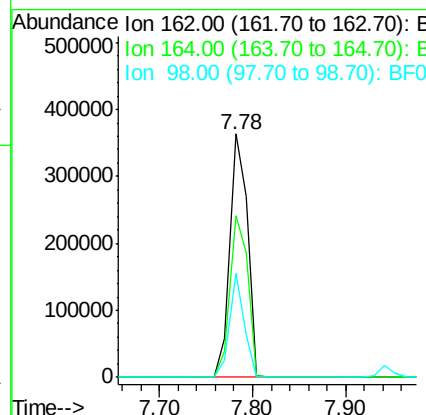
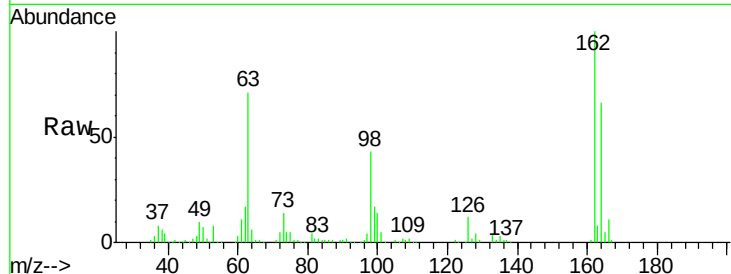
#29
2,4-Dichlorophenol
Concen: 45.57 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	479434		
164	66.2	46.6	86.6	
98	42.7	22.0	62.0	

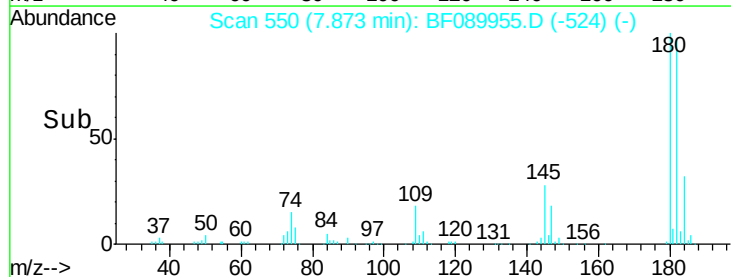
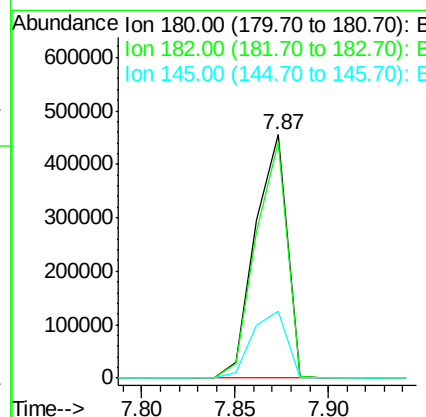
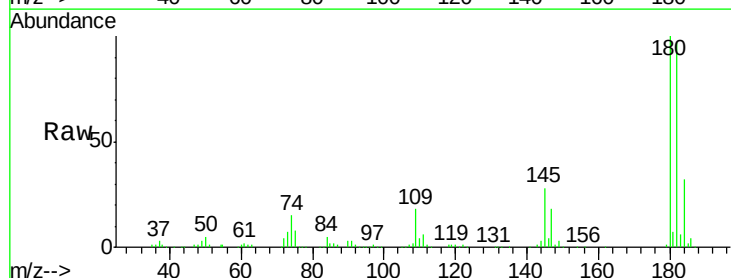
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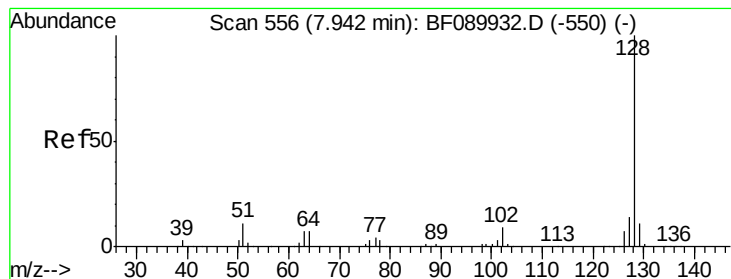
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#30
1,2,4-Trichlorobenzene
Concen: 46.72 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	537379		
182	97.0	76.2	114.2	
145	27.6	22.2	33.4	





#31

Naphthalene

Concen: 41.55 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

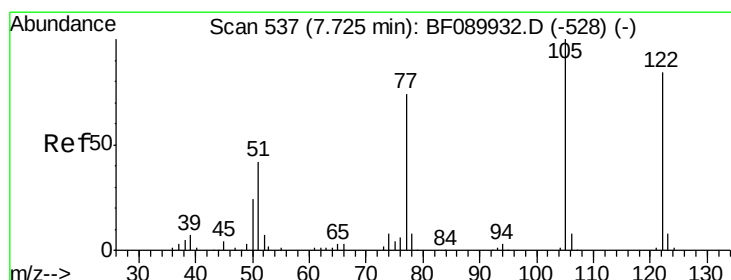
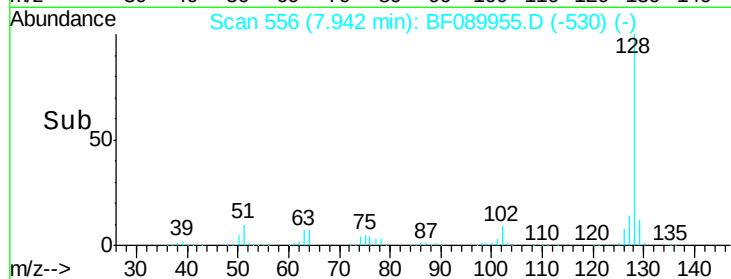
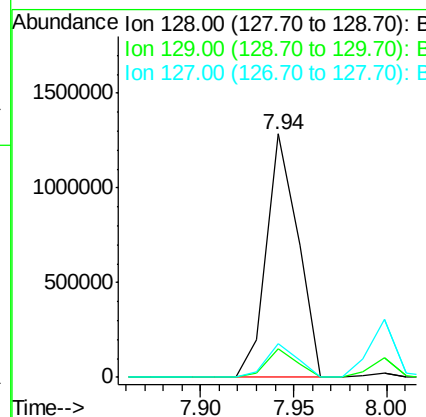
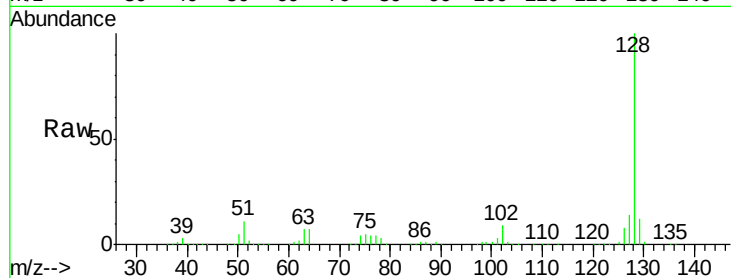
ClientSampleId :

PB93146BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	13.6	10.7	16.1

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#32

Benzoic acid

Concen: 36.08 ng

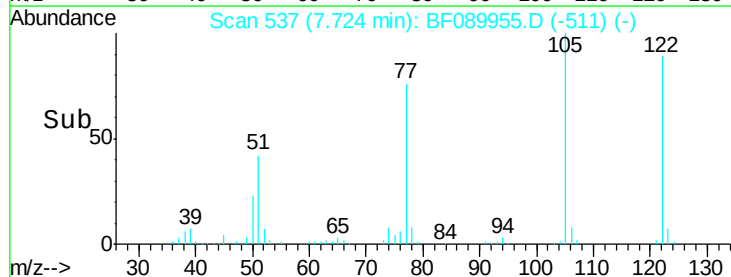
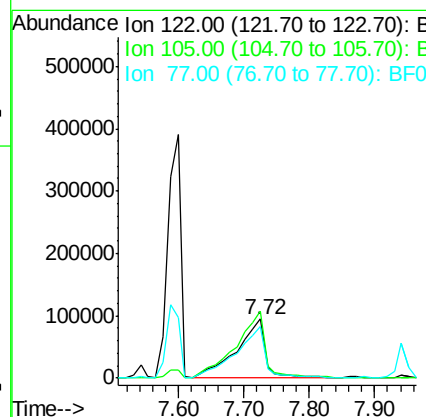
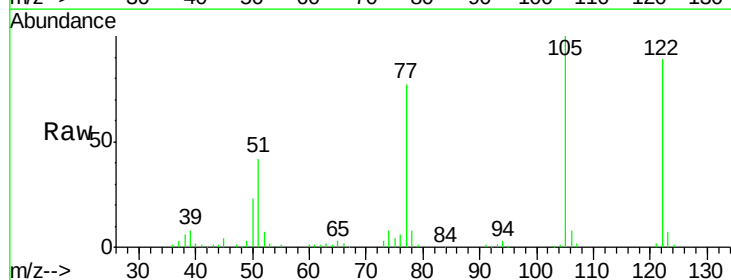
RT: 7.72 min Scan# 537

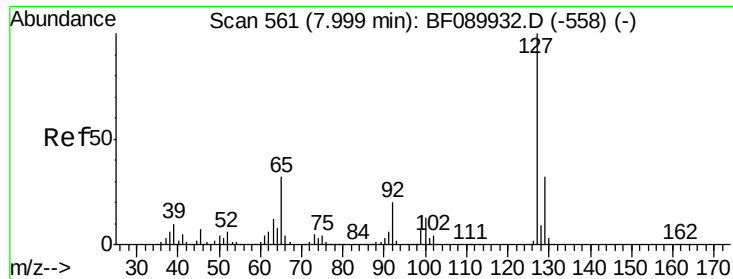
Delta R.T. 0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.7	102.2	142.2
77	86.5	74.1	114.1





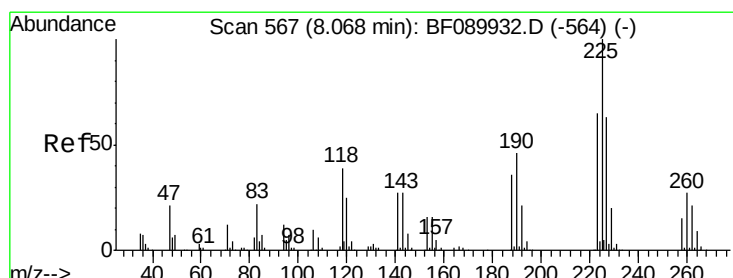
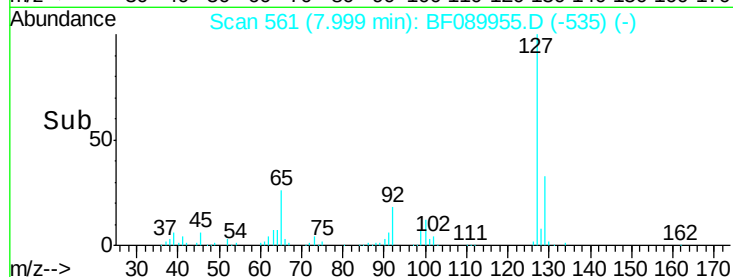
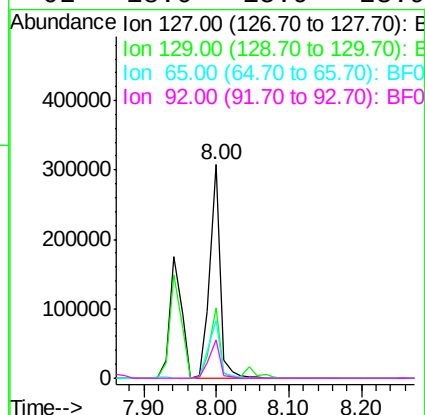
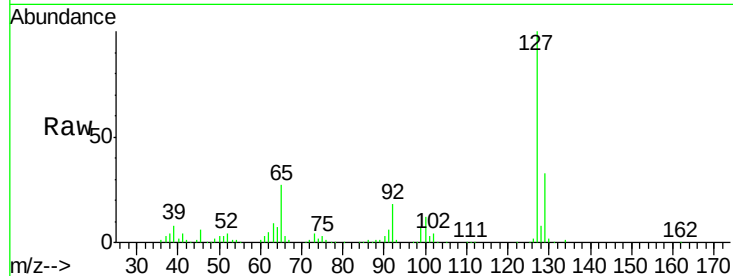
#33
4-Chloroaniline
Concen: 21.45 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	312082		
129	33.1	25.9	38.9	
65	27.2	26.0	39.0	
92	18.0	15.9	23.9	

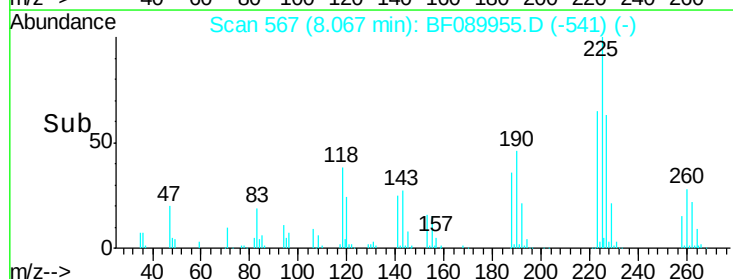
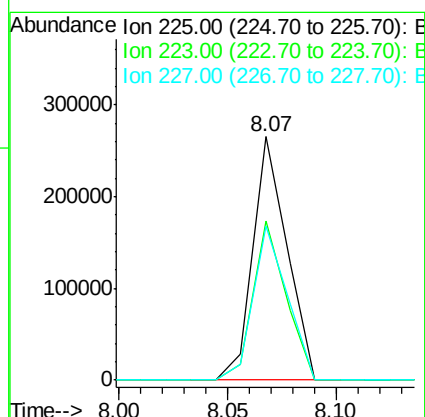
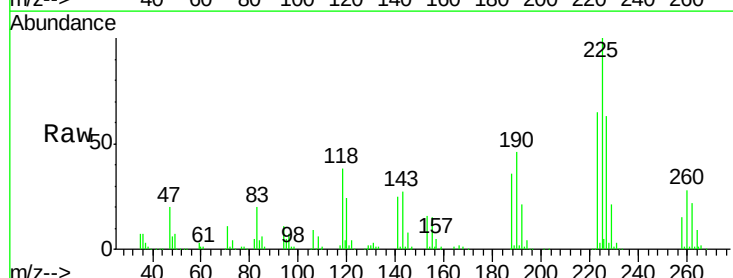
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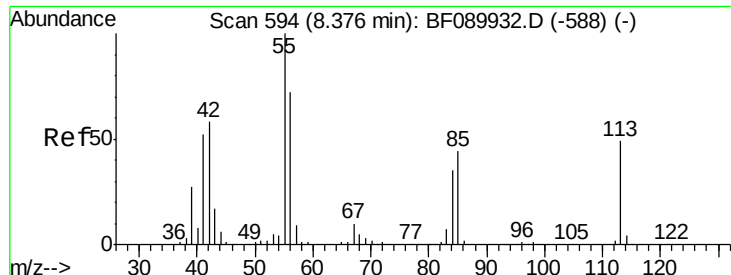
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#34
Hexachlorobutadiene
Concen: 42.84 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	288758		
223	65.2	52.6	78.8	
227	63.5	50.8	76.2	





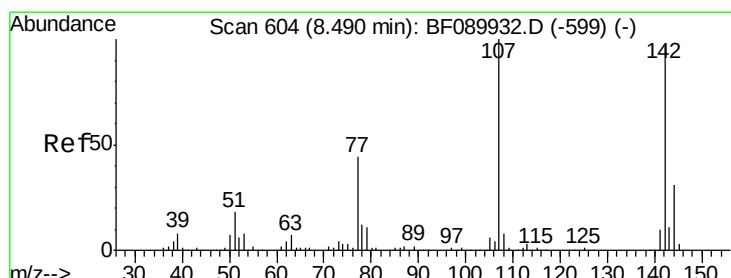
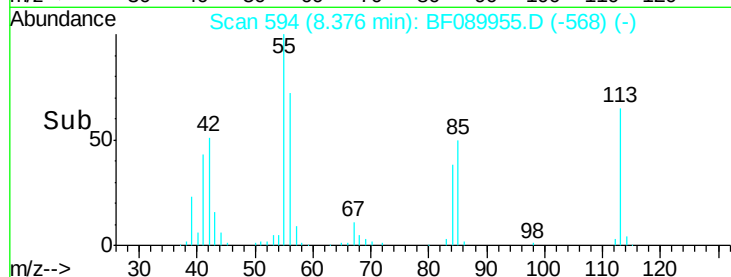
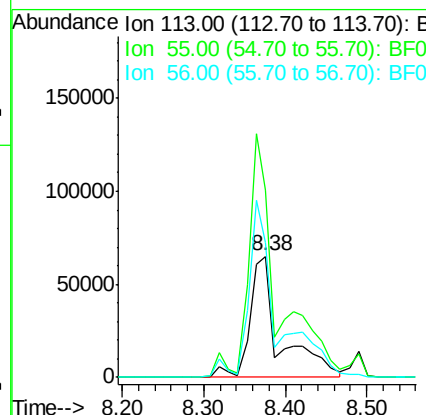
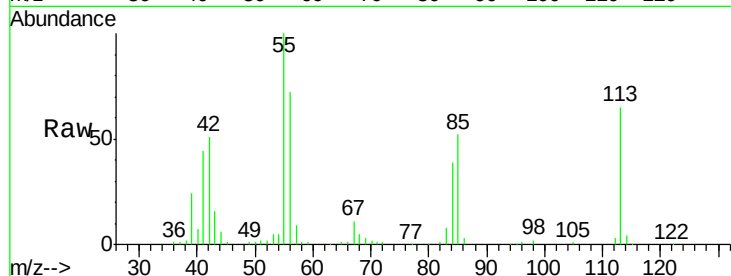
#35
 Caprolactam
 Concen: 50.56 ng m
 RT: 8.38 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	154.4	178.5	218.5#	
56	111.1	122.7	162.7#	

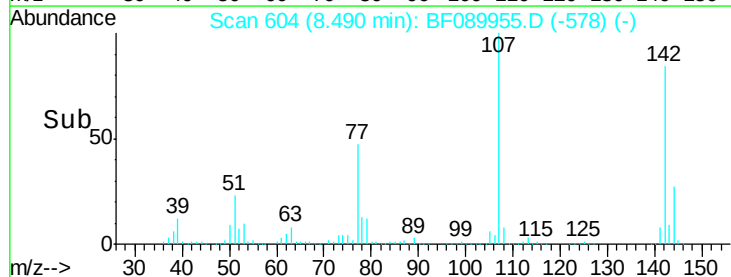
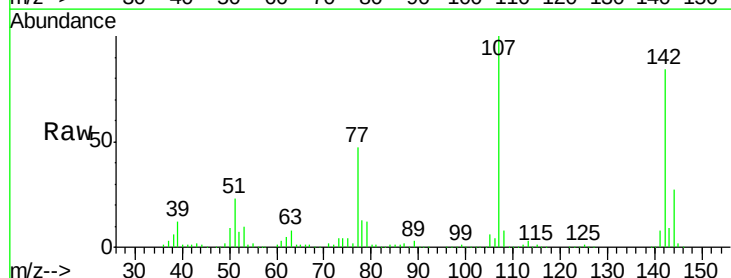
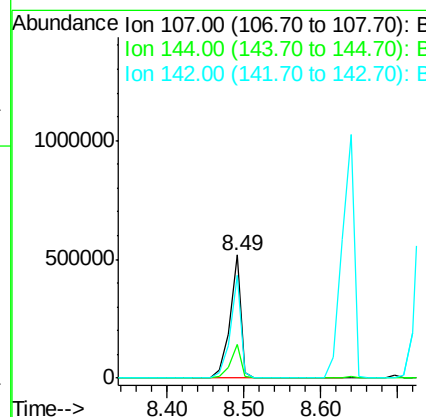
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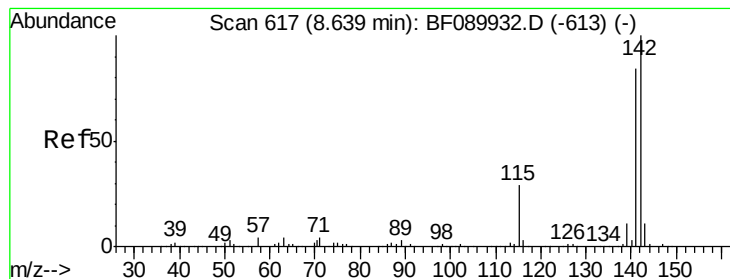
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#36
 4-Chloro-3-methylphenol
 Concen: 47.08 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.1	25.8	38.8	
142	83.9	79.2	118.8	





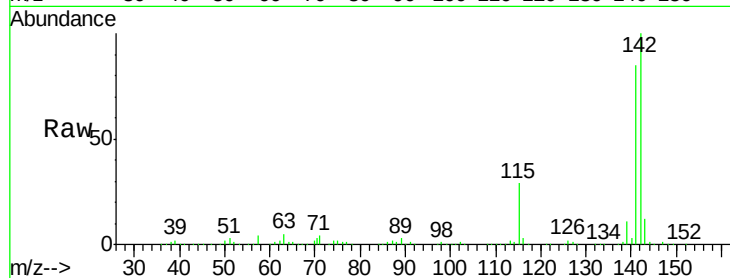
#37
 2-Methylnaphthalene
 Concen: 49.04 ng
 RT: 8.64 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

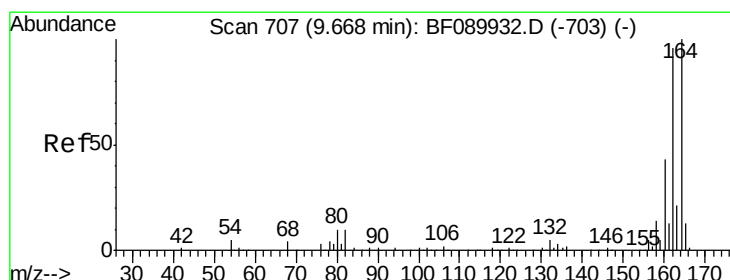
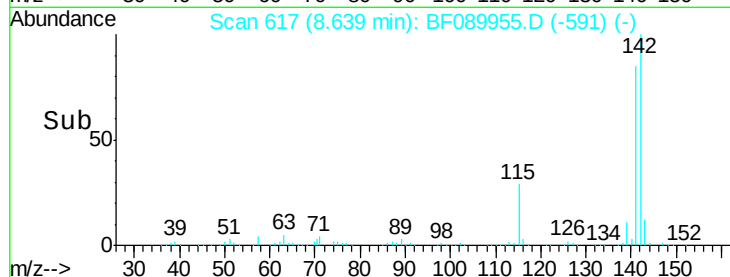
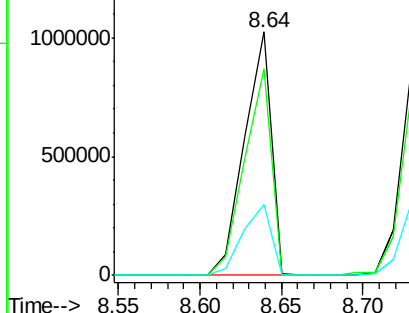
Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.1	68.3	102.5
115	29.1	23.8	35.8

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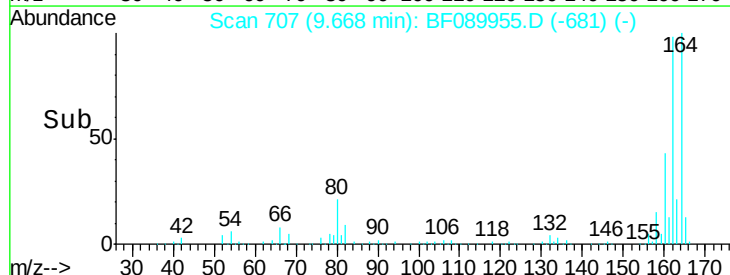
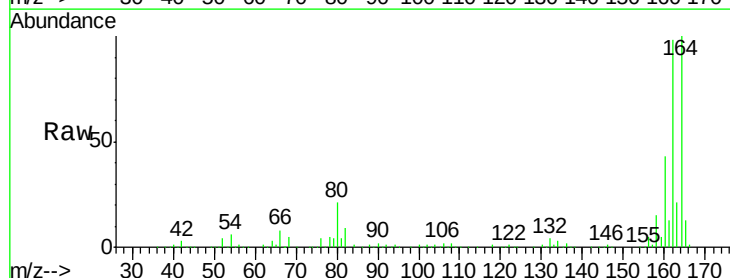
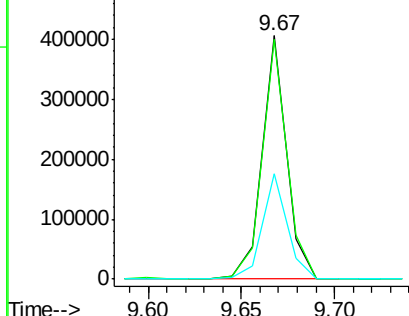
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

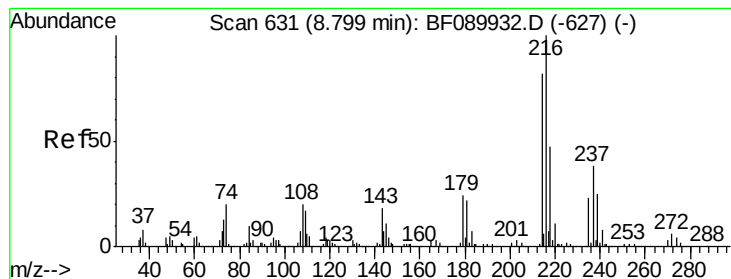


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.5	77.1	115.7
160	43.3	35.3	52.9

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: 37.03 ng

RT: 8.80 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

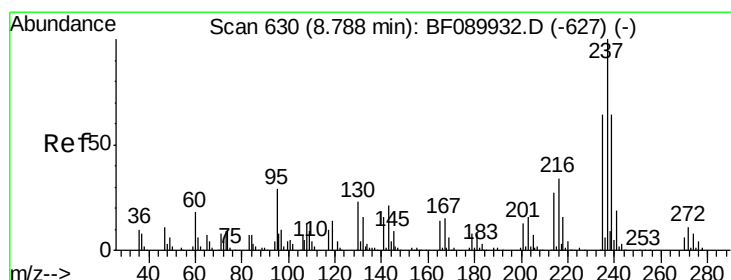
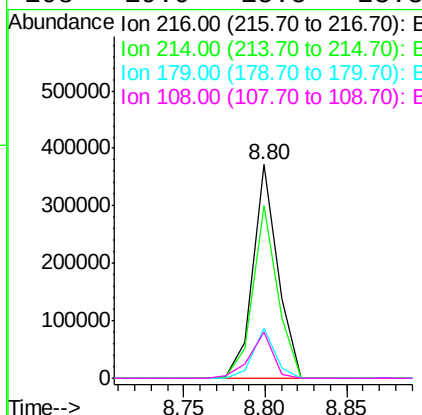
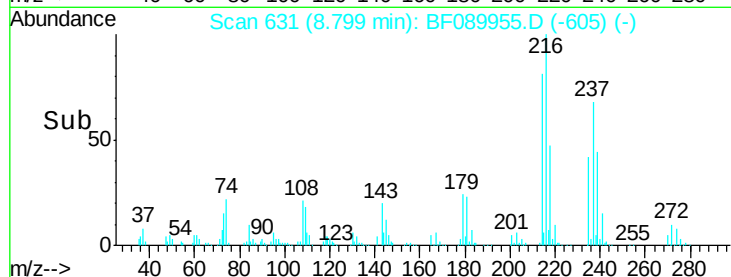
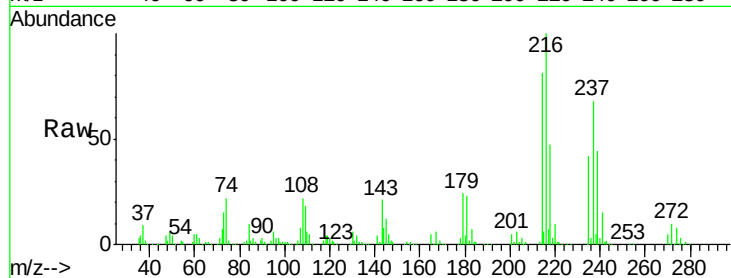
ClientSampleId :

PB93146BS

Tgt Ion:	216	Resp:	395008
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.4	95.2
179	21.1	17.3	25.9
108	19.9	15.5	23.3

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#40

Hexachlorocyclopentadiene

Concen: 73.32 ng

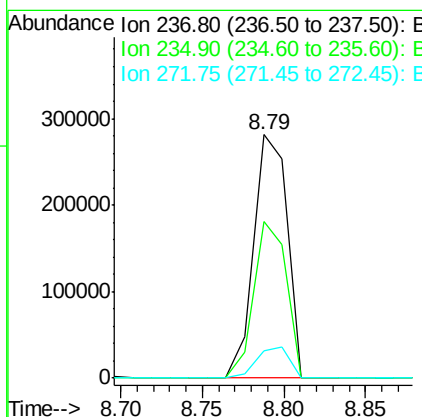
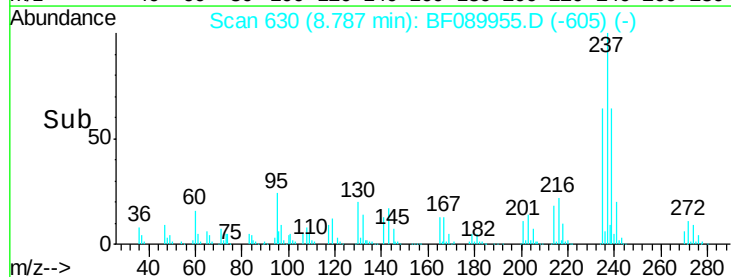
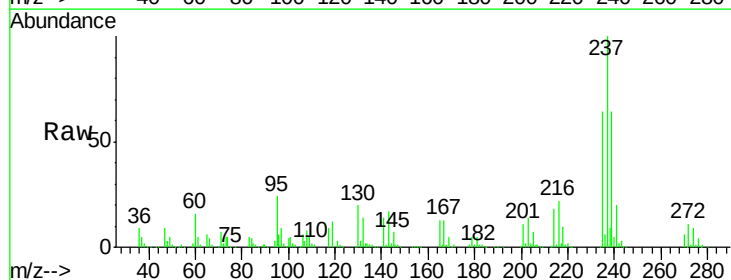
RT: 8.79 min Scan# 630

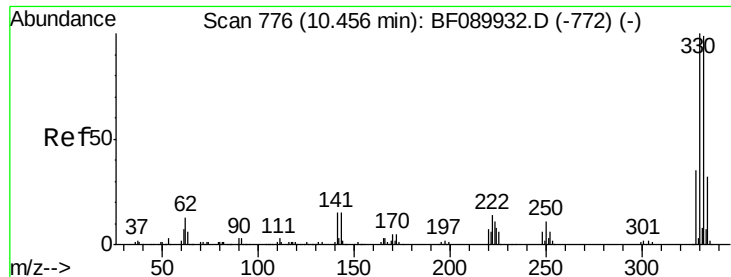
Delta R.T. -0.01 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Tgt Ion:	237	Resp:	400995
Ion Ratio	Lower	Upper	
237	100		
235	64.2	39.6	79.6
272	11.4	0.0	34.6





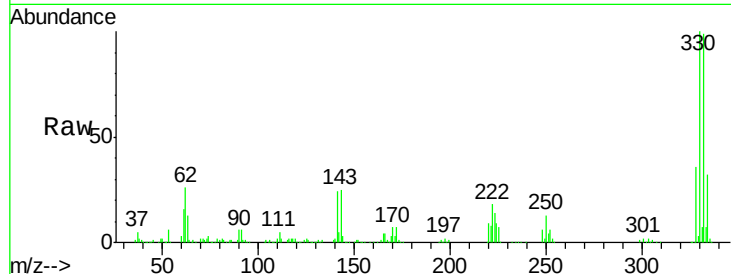
#41
 2,4,6-Tribromophenol
 Concen: 120.15 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

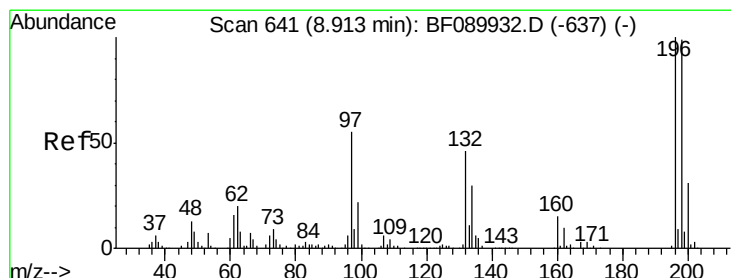
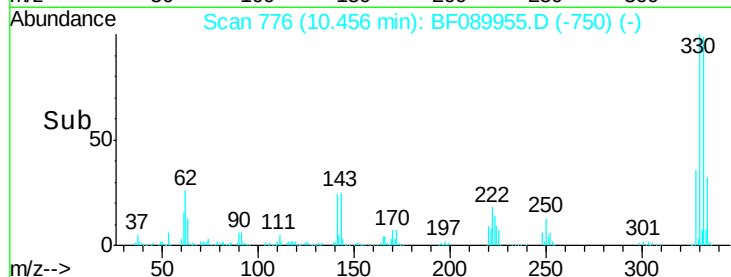
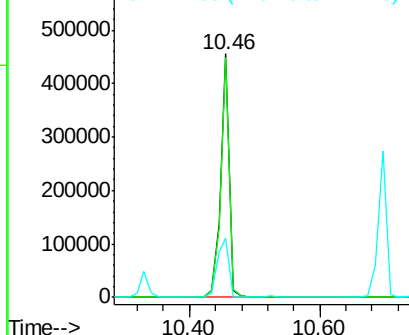
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	431596		
332	97.6	78.6	117.8	
141	33.2	23.3	34.9	

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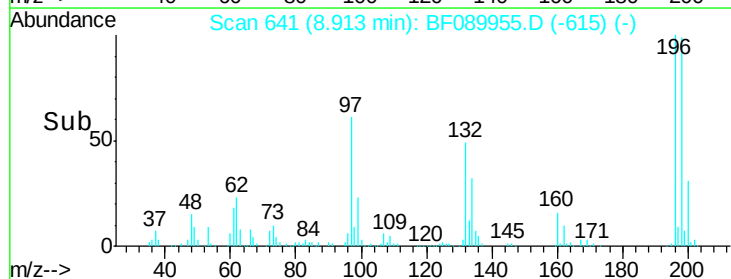
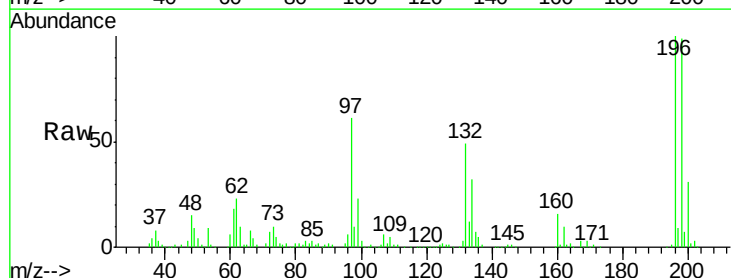
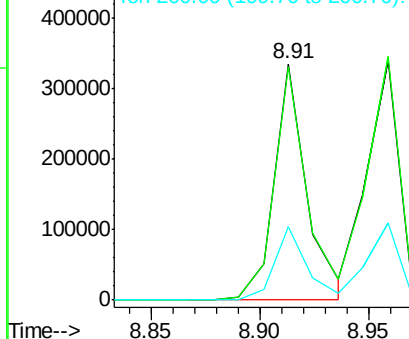
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

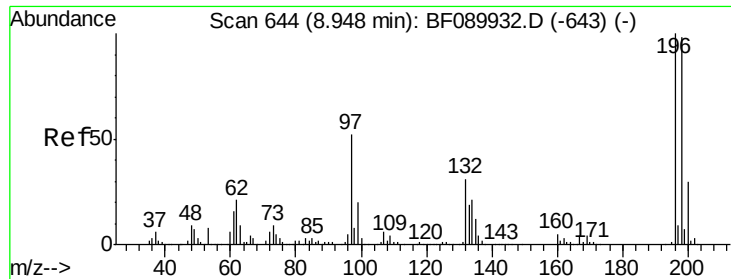


#42
 2,4,6-Trichlorophenol
 Concen: 47.61 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	351890		
198	98.7	78.3	117.5	
200	31.0	24.8	37.2	

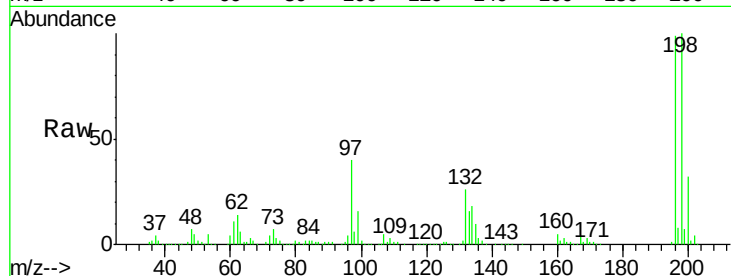
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 49.22 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

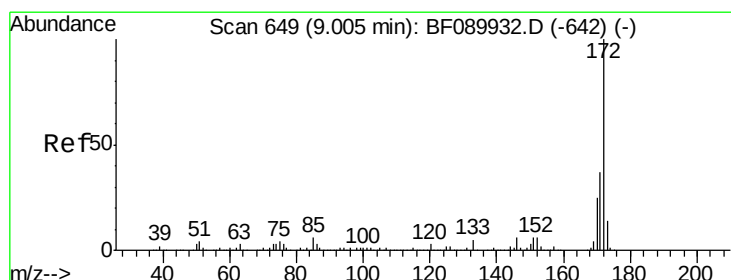
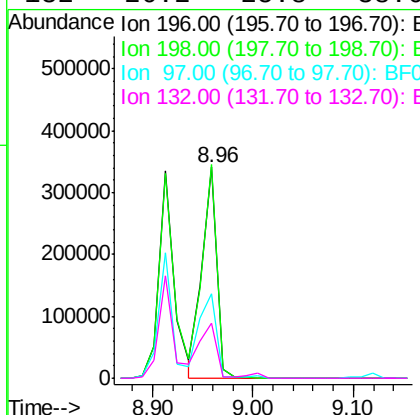
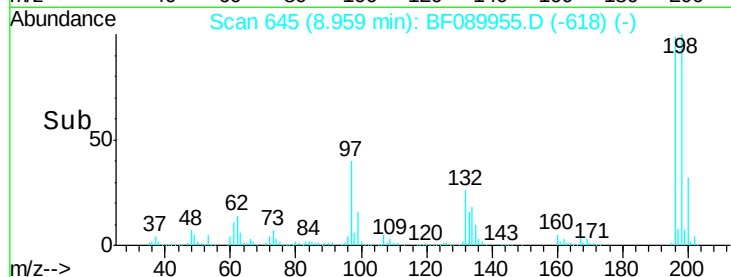
Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS



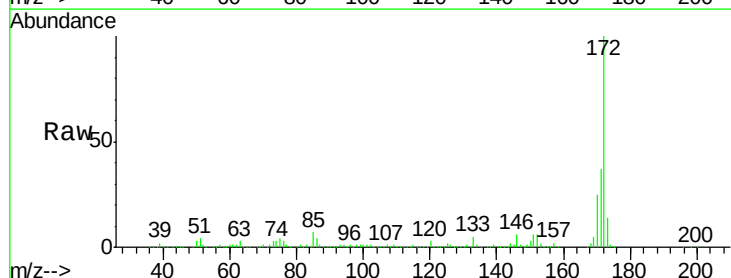
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	349870		
198	101.4	80.8	121.2	
97	40.3	44.2	66.4	
132	26.2	25.8	38.6	

Manual Integrations
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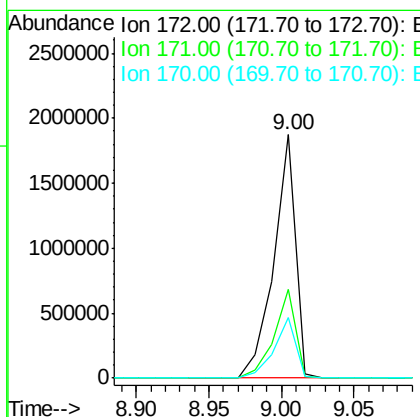
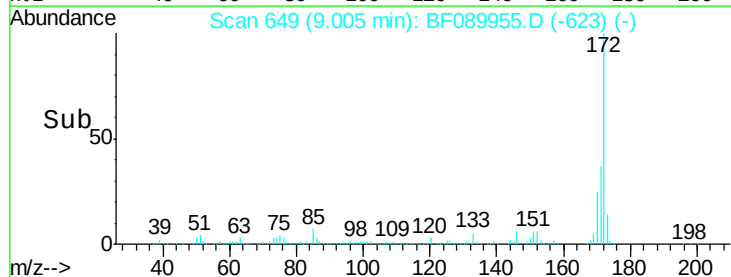
SOHIL
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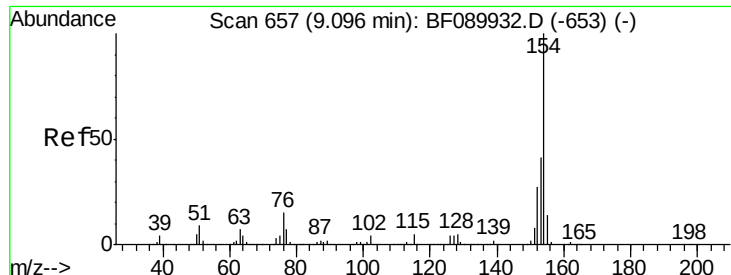


#44
 2-Fluorobiphenyl
 Concen: 87.70 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1945203		
171	36.7	29.4	44.2	
170	25.0	20.1	30.1	





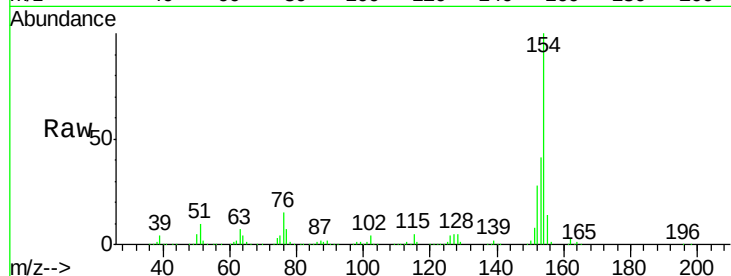
#45
 1,1'-Biphenyl
 Concen: 36.78 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

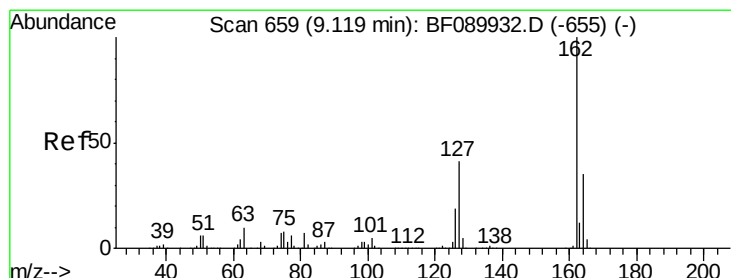
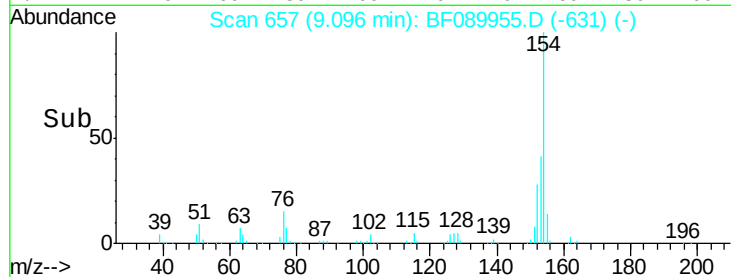
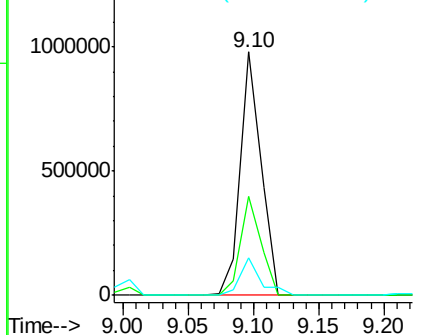
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	15.2	0.0	34.9

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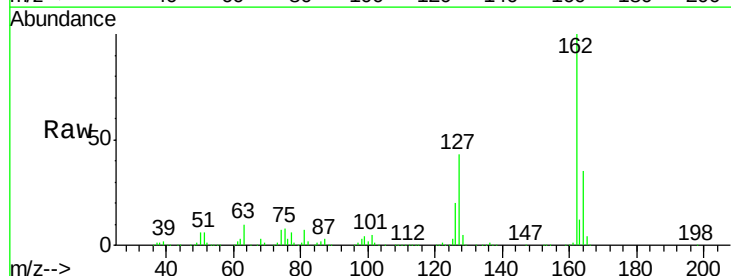


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

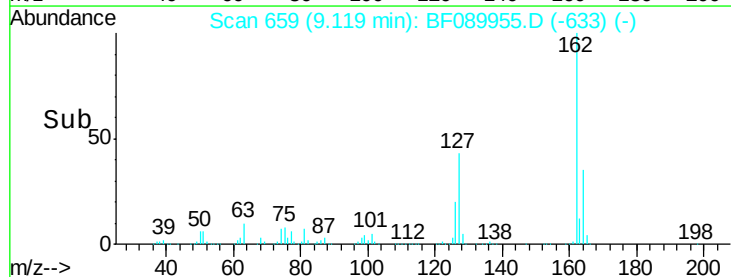
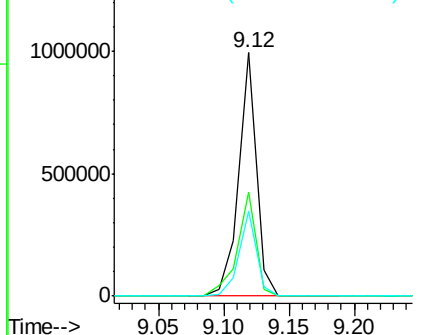


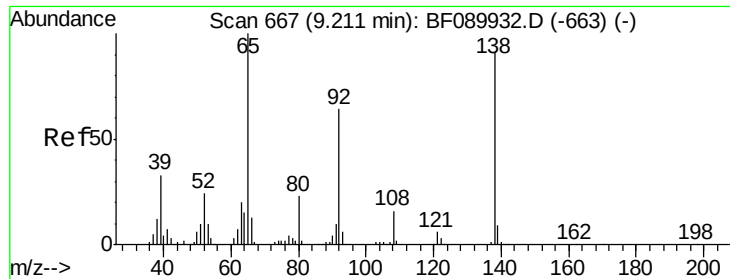
#46
 2-Chloronaphthalene
 Concen: 44.82 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	33.5	50.3
164	34.8	28.2	42.4



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





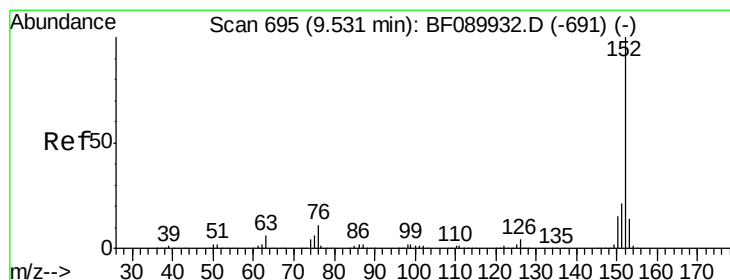
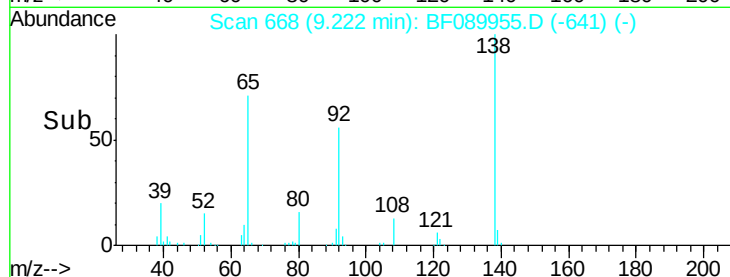
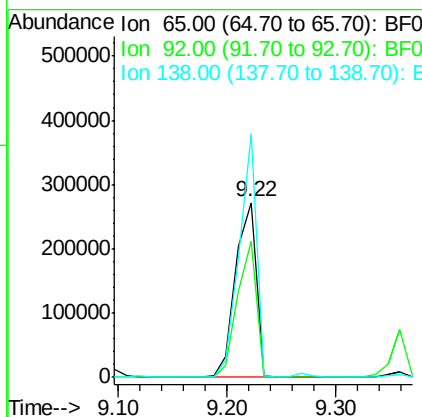
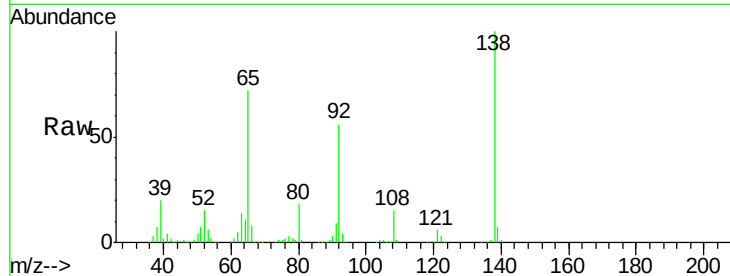
#47
2-Nitroaniline
Concen: 52.15 ng
RT: 9.22 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	353501		
92	77.6	52.0	78.0	
138	139.2	72.1	108.1#	

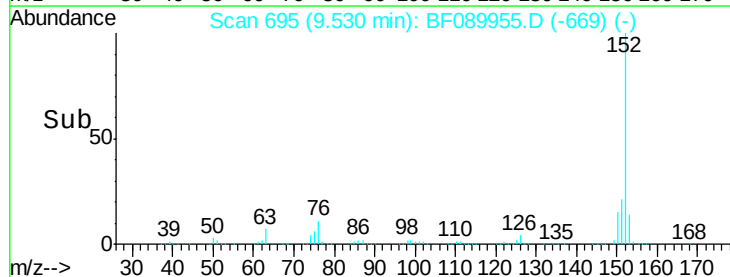
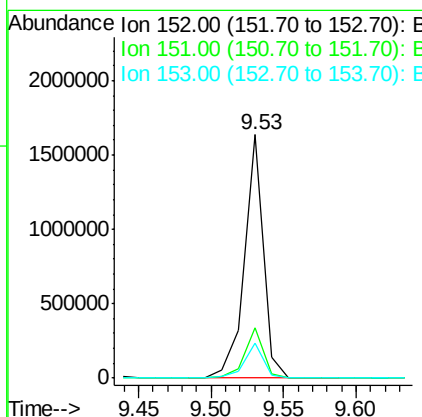
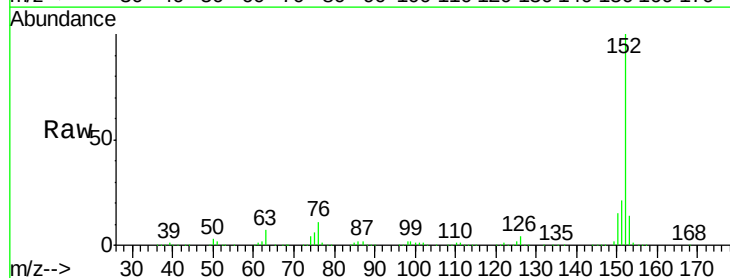
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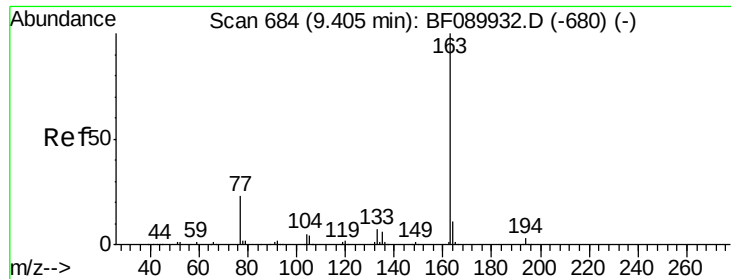
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#48
Acenaphthylene
Concen: 43.19 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1480925		
151	20.8	16.7	25.1	
153	14.5	11.6	17.4	





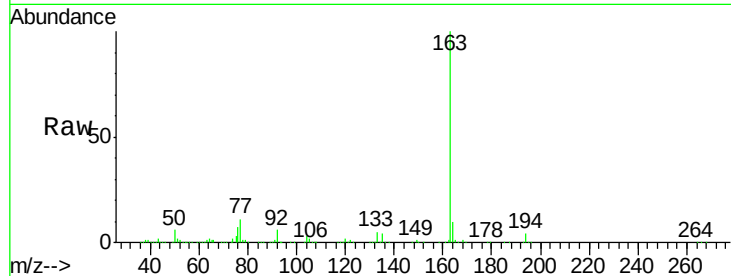
#49
Dimethylphthalate
Concen: 45.94 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

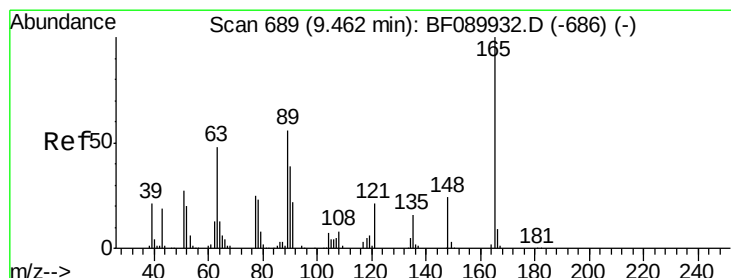
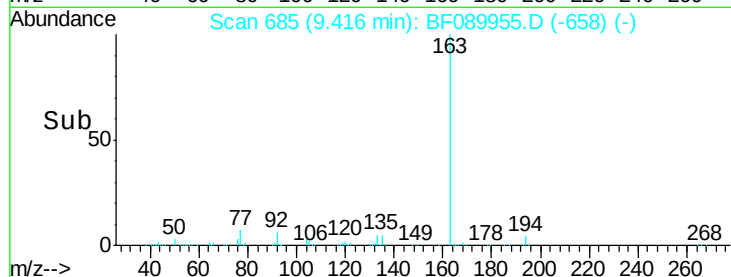
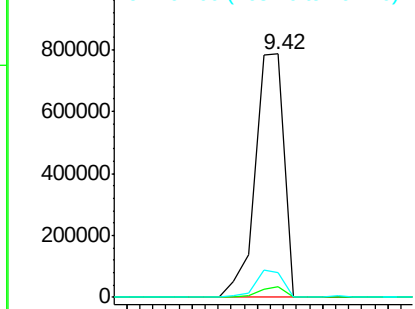
Tgt Ion:163 Resp: 1208858
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.2 9.0 13.4

Manual Integrations
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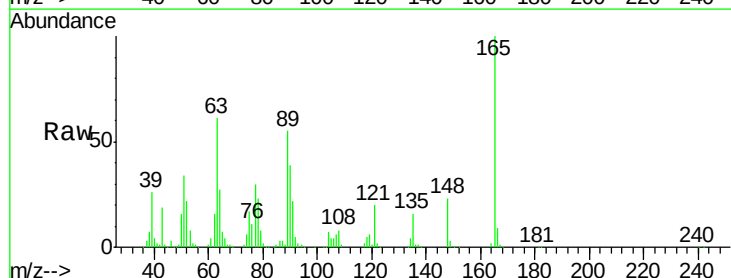


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

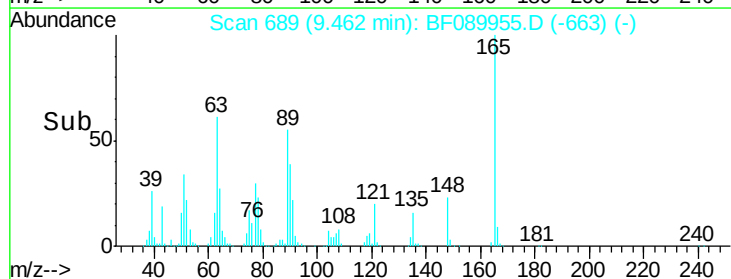
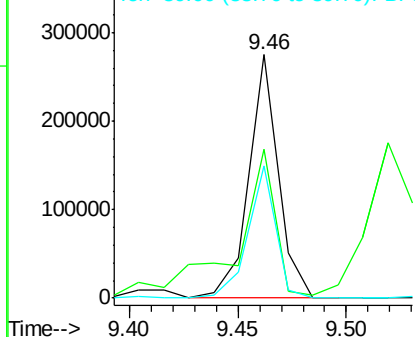


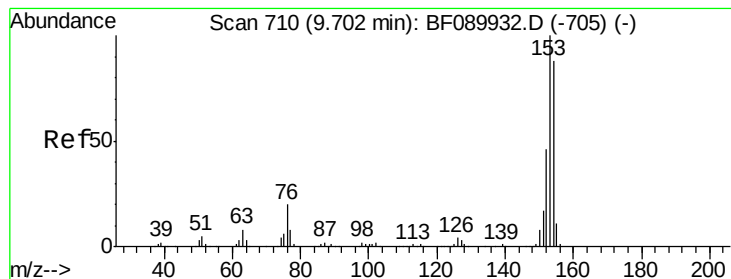
#50
2,6-Dinitrotoluene
Concen: 44.41 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion:165 Resp: 259932
Ion Ratio Lower Upper
165 100
63 61.0 45.0 67.4
89 54.6 41.5 62.3



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





#51

Acenaphthene

Concen: 46.87 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

Tgt Ion:154 Resp: 1018218

Ion Ratio Lower Upper

154 100

153 112.4 90.6 135.8

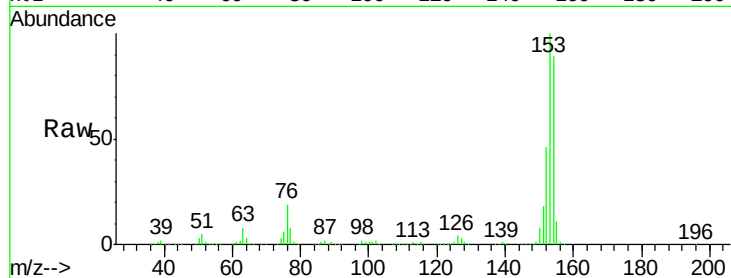
152 52.2 42.4 63.6

Manual Integrations

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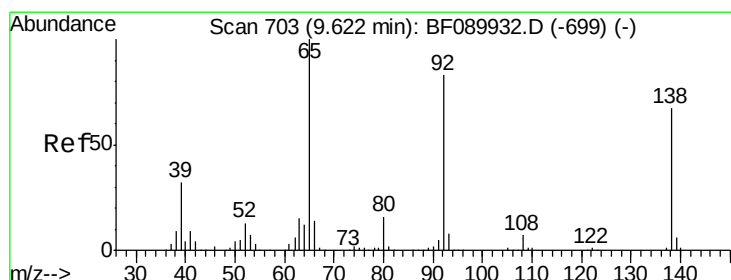
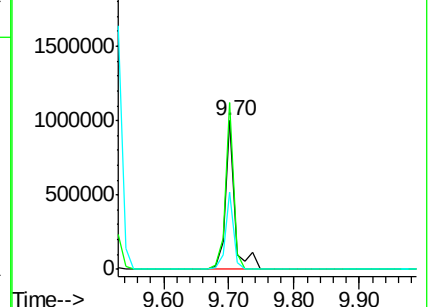
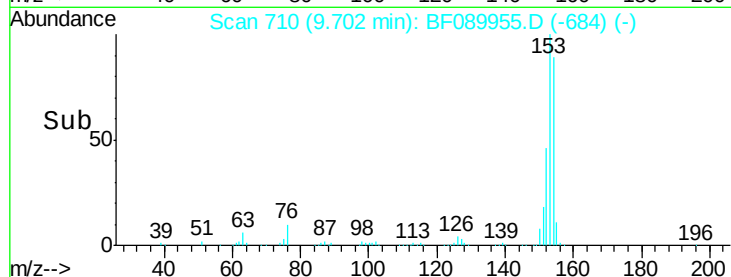
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.63 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

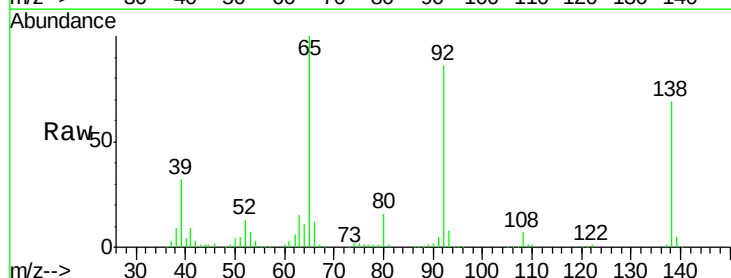
Tgt Ion:138 Resp: 177787

Ion Ratio Lower Upper

138 100

108 10.1 8.3 12.5

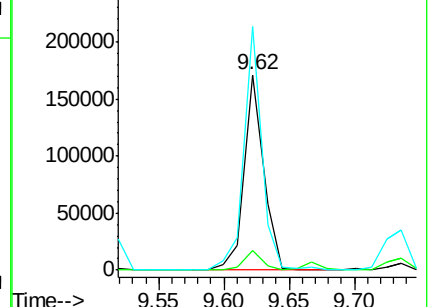
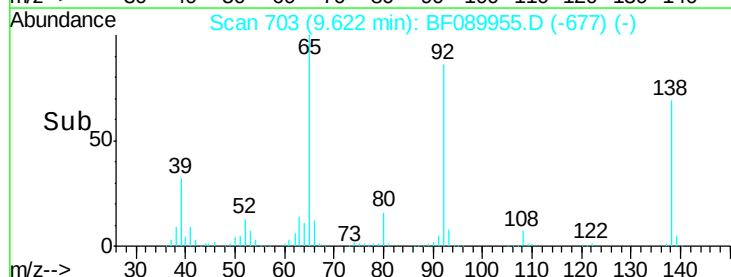
92 124.7 99.1 148.7

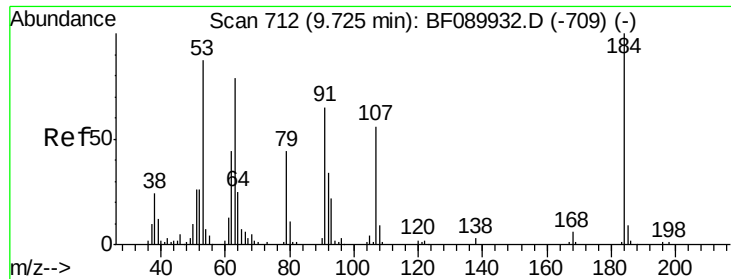


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





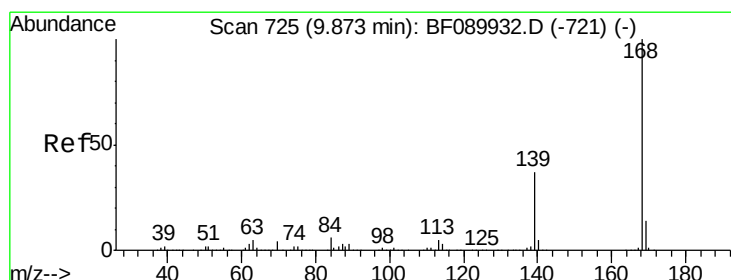
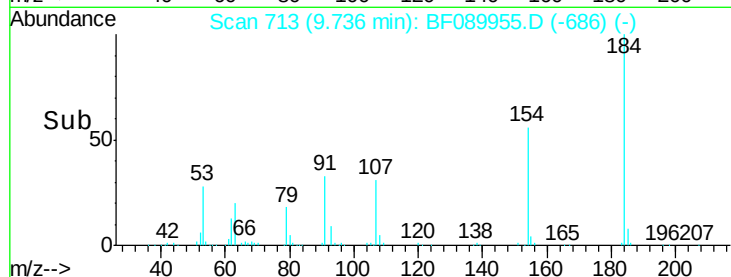
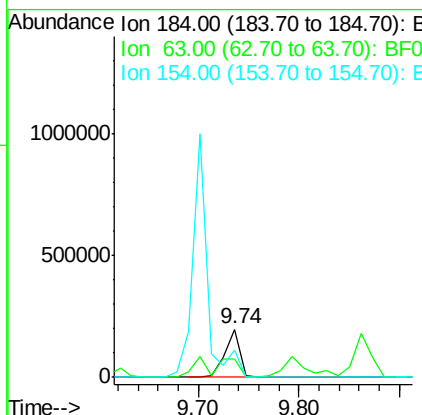
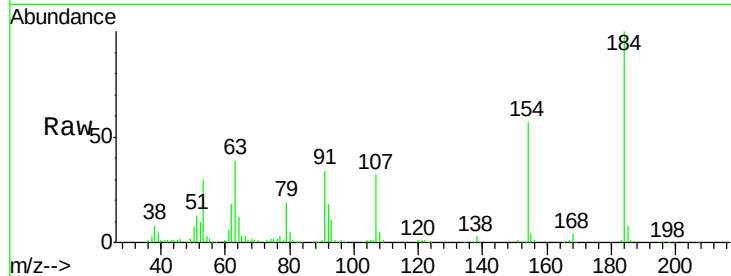
#53
2,4-Dinitrophenol
Concen: 58.48 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	202722		
63	39.3	73.9	110.9	#
154	56.7	53.5	80.3	

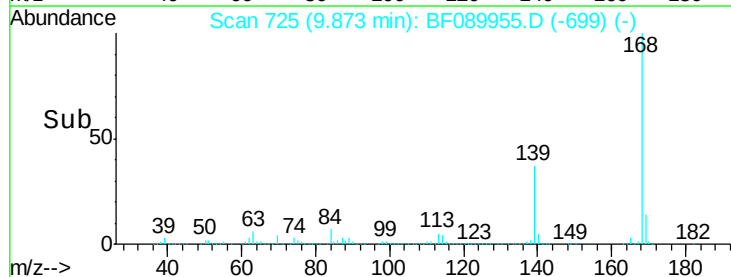
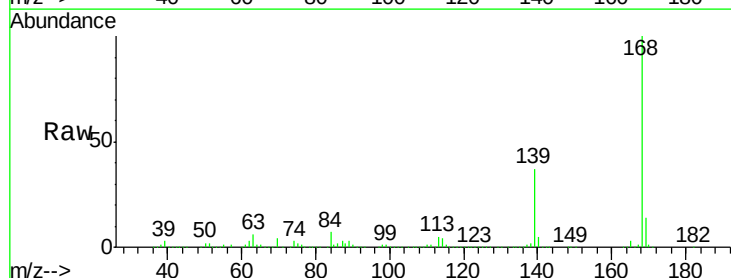
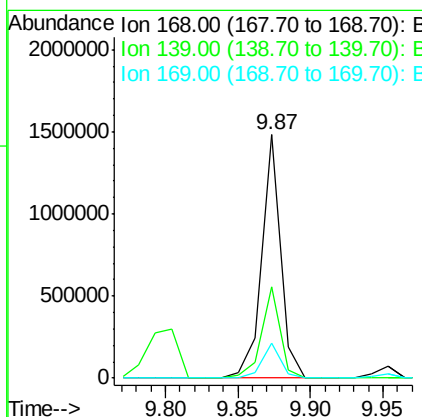
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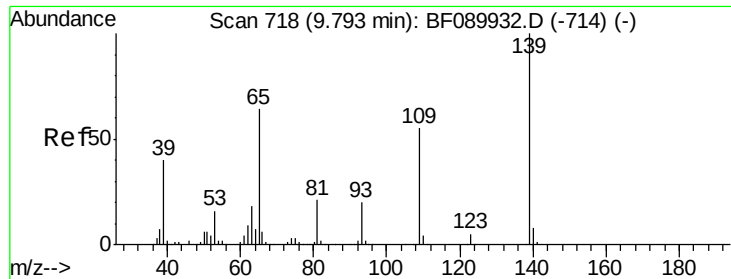
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9/1/2016 11:54:11 AM



#54
Dibenzofuran
Concen: 46.14 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1343149		
139	37.4	29.5	44.3	
169	14.2	10.8	16.2	





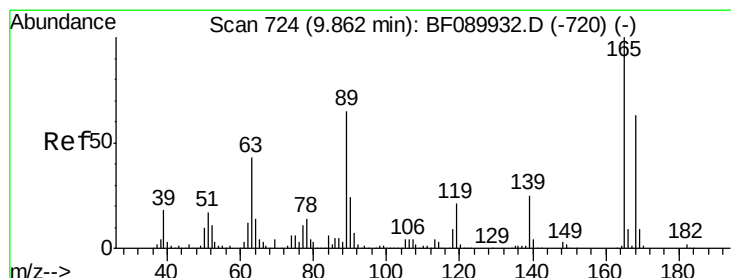
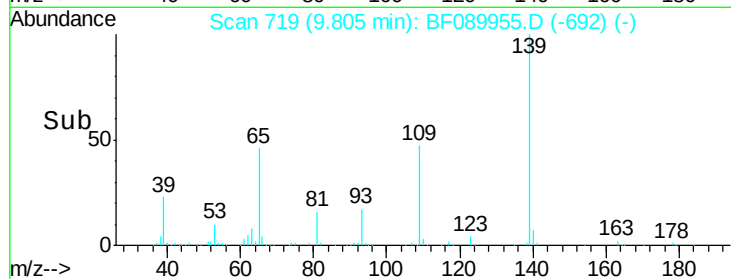
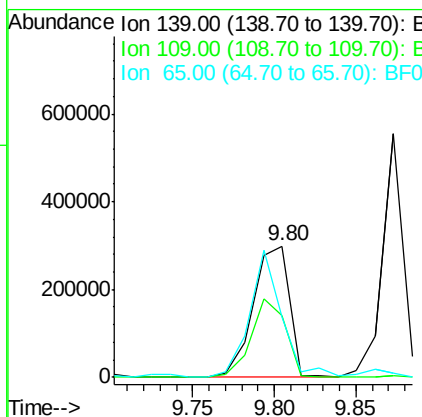
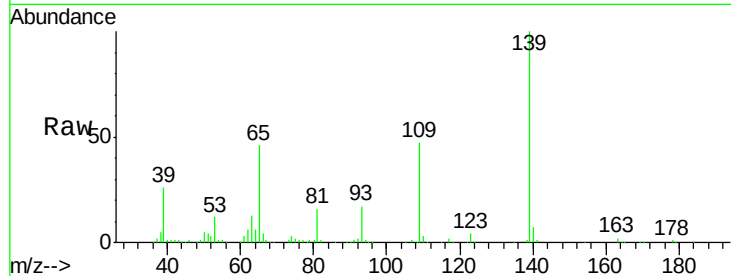
#55
4-Nitrophenol
Concen: 92.39 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	465188		
109	47.0	31.3	71.3	
65	46.5	38.5	78.5	

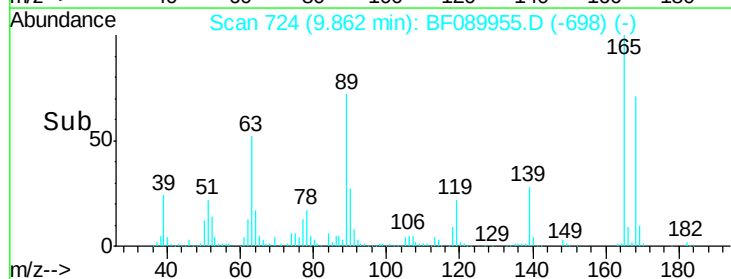
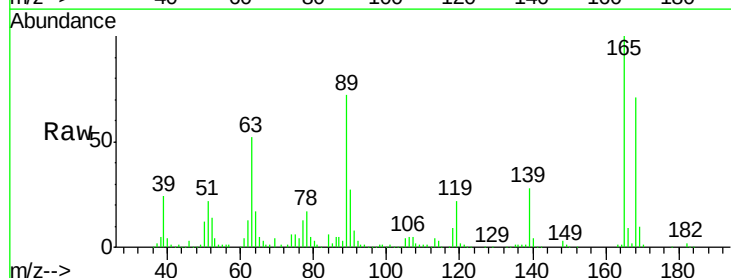
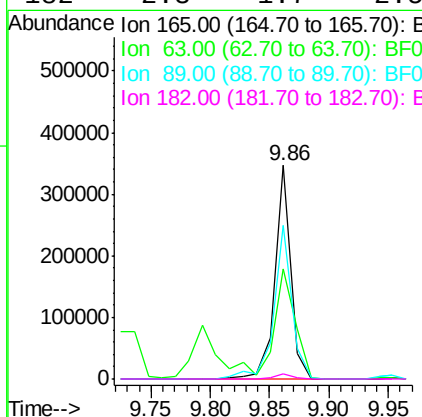
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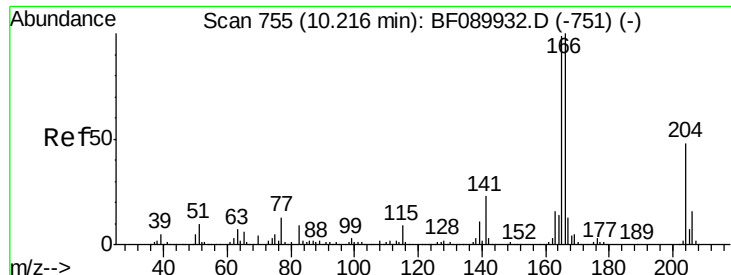
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#56
2,4-Dinitrotoluene
Concen: 43.31 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	321426		
63	51.5	32.5	48.7#	
89	71.8	48.3	72.5	
182	2.3	1.7	2.5	





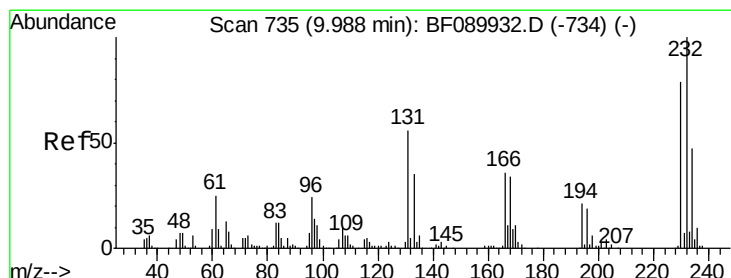
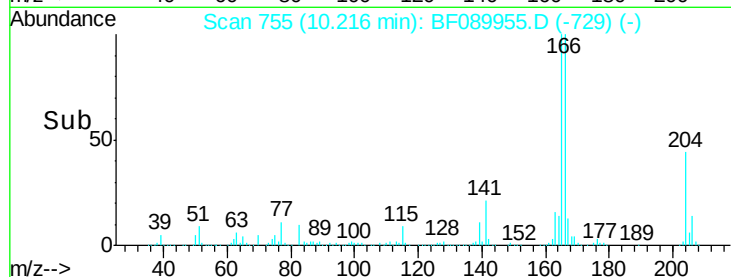
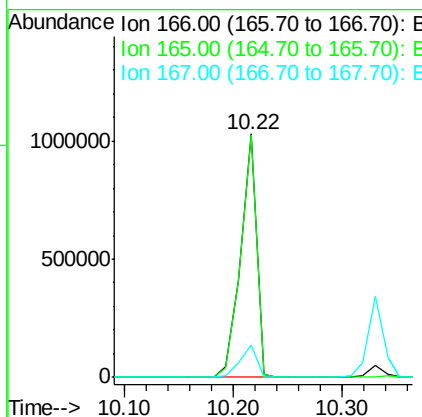
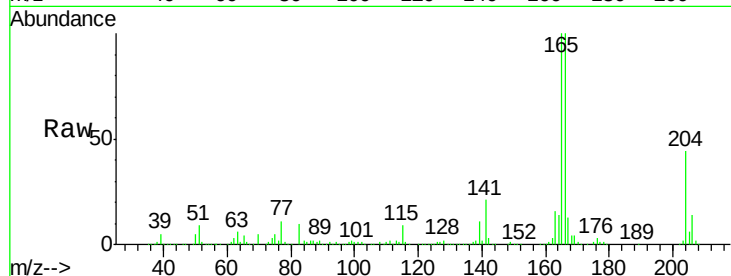
#57
Fluorene
 Concen: 48.44 ng
 RT: 10.22 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tgt Ion:166 Resp: 1030394
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.6 118.0
 167 13.4 10.6 15.8

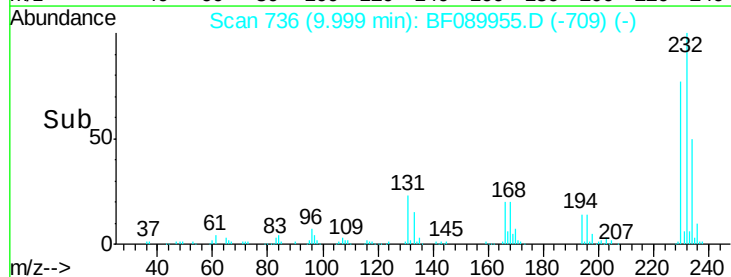
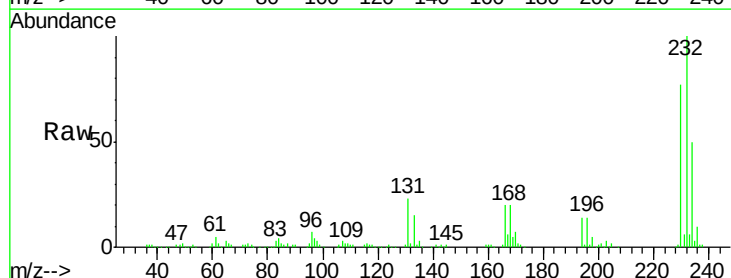
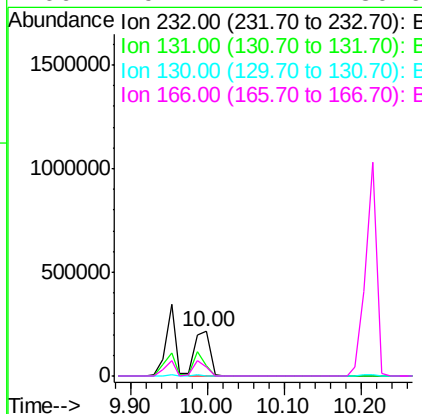
Manual Integrations
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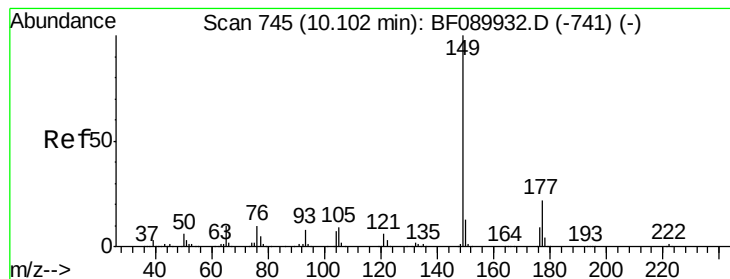
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.37 ng
 RT: 10.00 min Scan# 736
 Delta R.T. 0.01 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion:232 Resp: 294365
 Ion Ratio Lower Upper
 232 100
 131 42.1 36.3 54.5
 130 1.9 1.7 2.5
 166 29.2 24.4 36.6





#59

Diethylphthalate

Concen: 46.79 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

Tgt Ion:149 Resp: 1158370

Ion Ratio Lower Upper

149 100

177 21.6 17.7 26.5

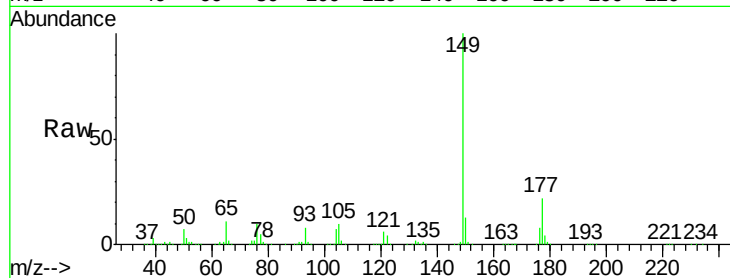
150 12.9 10.2 15.2

Manual Integrations

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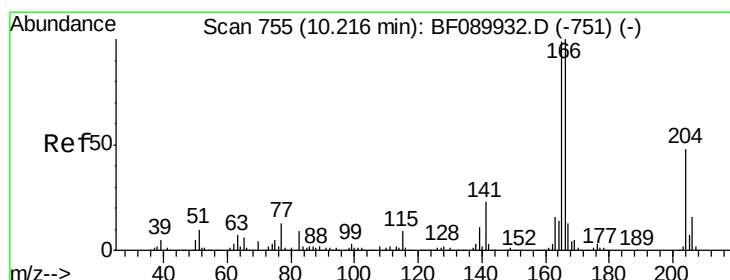
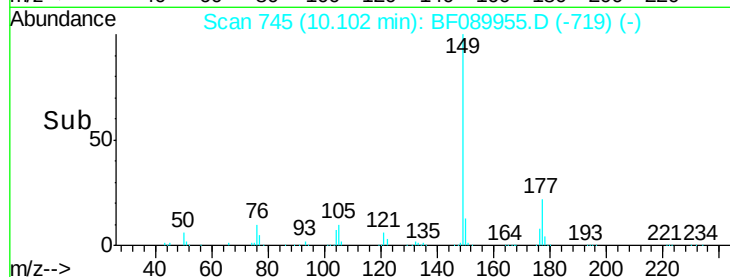
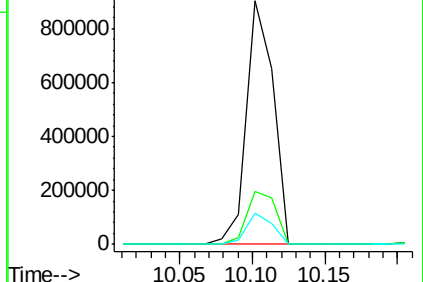
9/1/2016 11:54:11 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.48 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

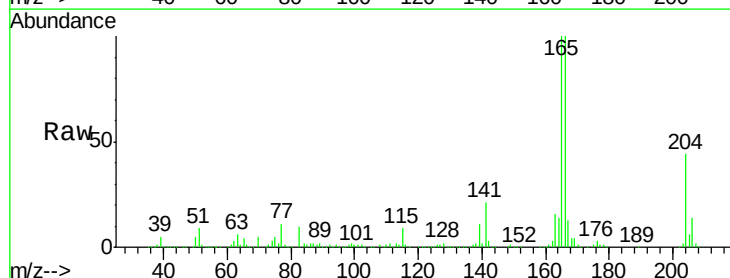
Tgt Ion:204 Resp: 475306

Ion Ratio Lower Upper

204 100

206 32.5 26.6 40.0

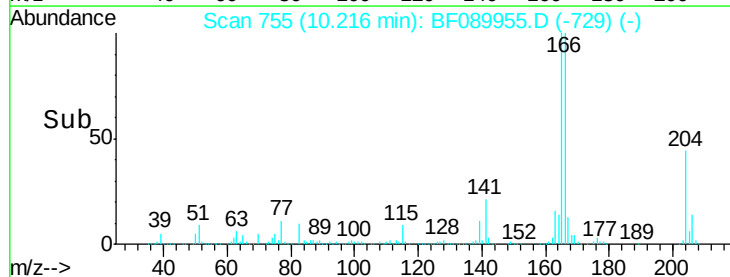
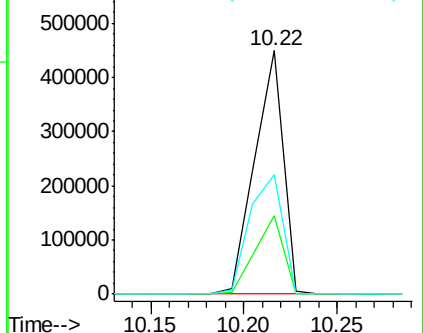
141 48.9 36.5 54.7

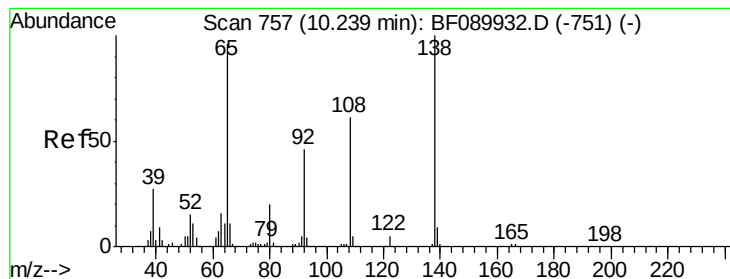


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





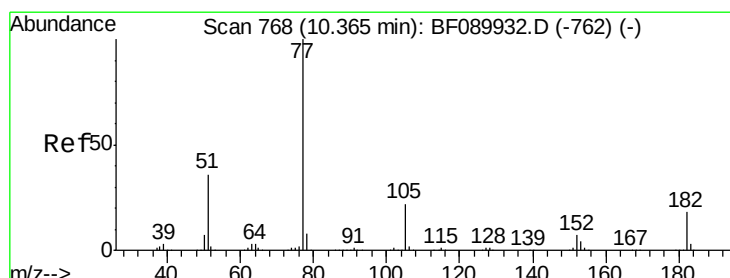
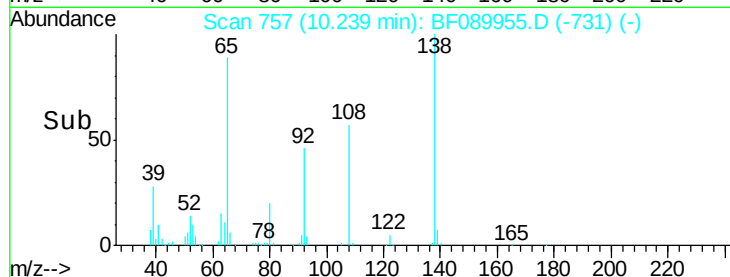
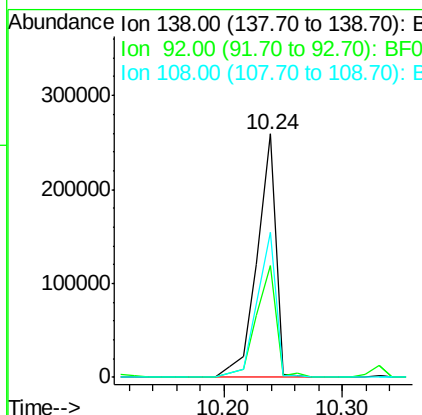
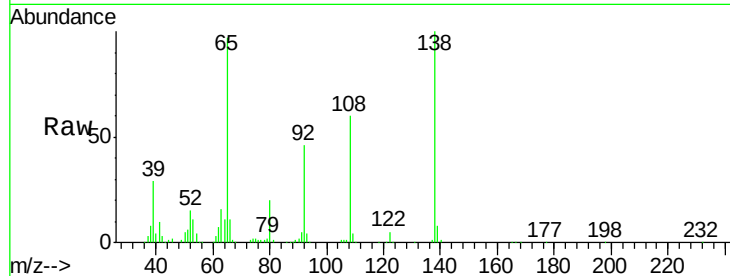
#61
4-Nitroaniline
Concen: 44.04 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	288842		
92	45.8	21.2	61.2	
108	59.6	37.7	77.7	

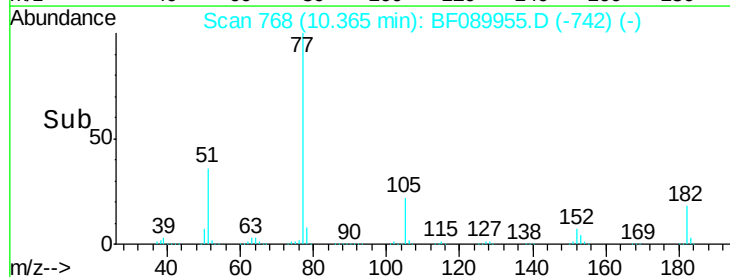
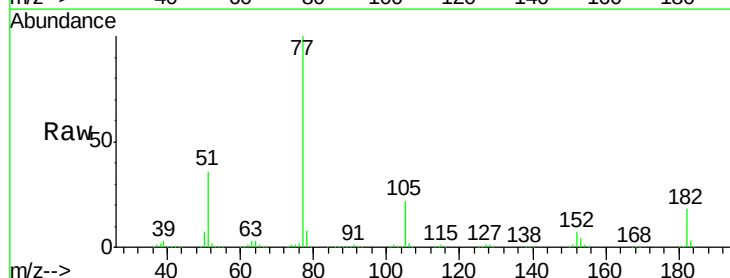
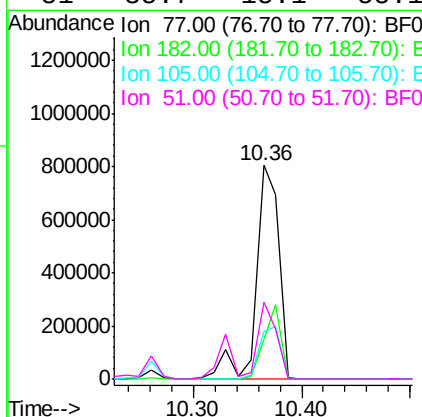
Manual Integrations
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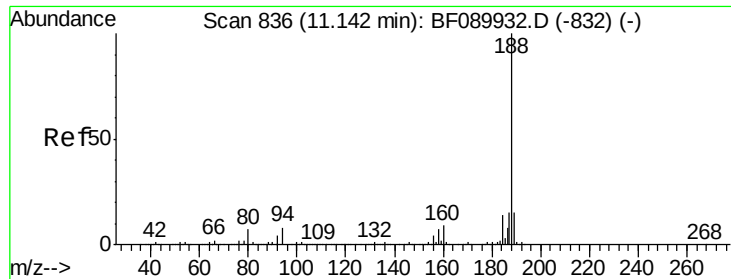
SOHIL
9/1/2016 11:54:11 AM



#62
Azobenzene
Concen: 47.85 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1183204		
182	18.4	0.0	38.6	
105	22.2	2.3	42.3	
51	35.7	15.1	55.1	





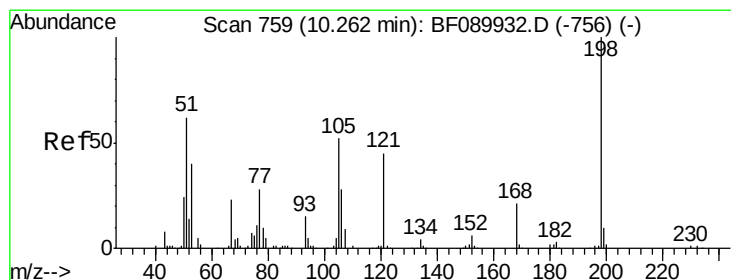
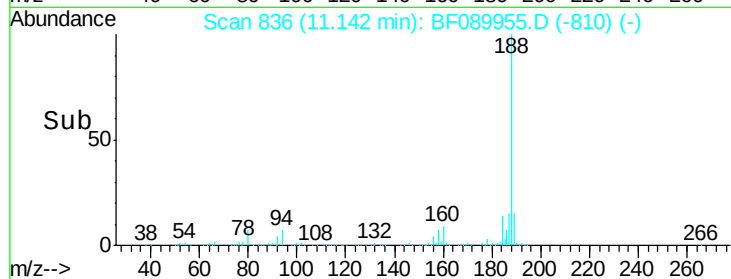
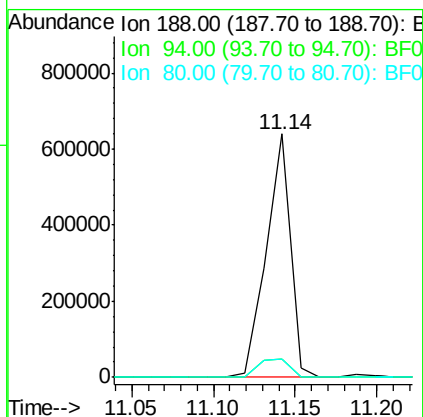
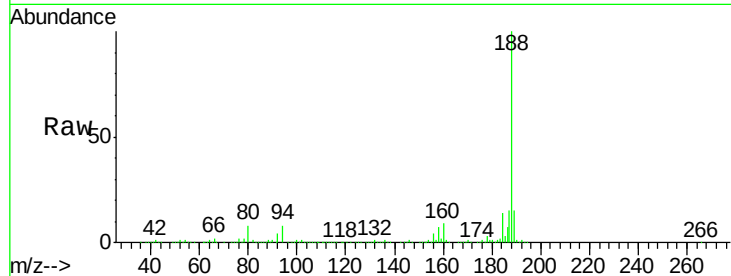
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.6	5.9	8.9
80	7.6	5.8	8.8

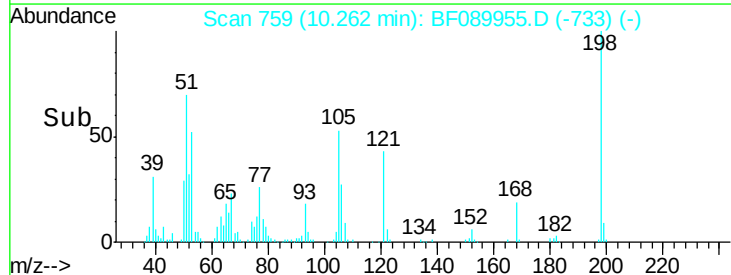
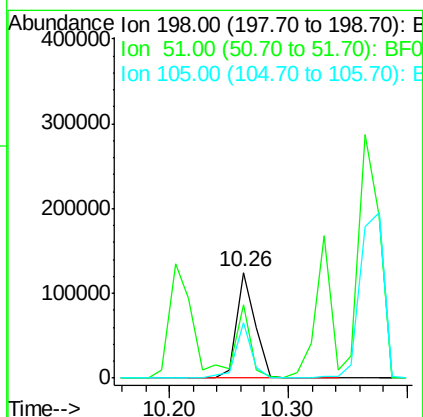
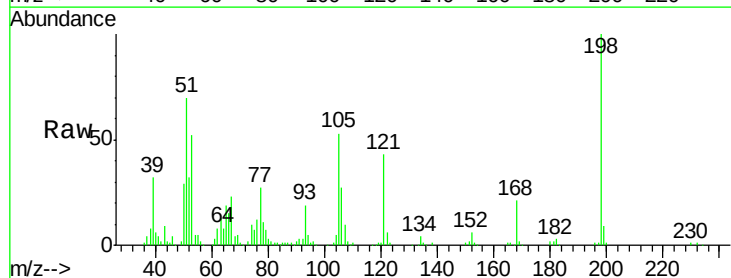
Manual Integrations
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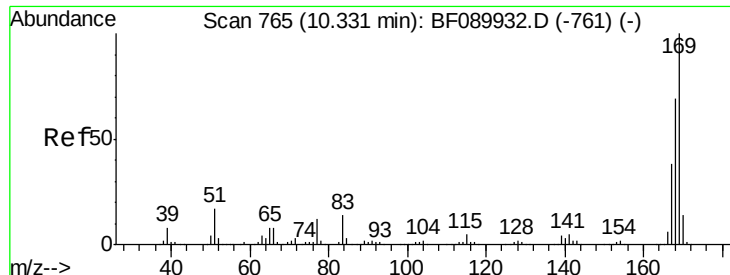
SOHIL
9/1/2016 11:54:11 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 32.19 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	69.7	43.0	83.0
105	52.5	30.3	70.3





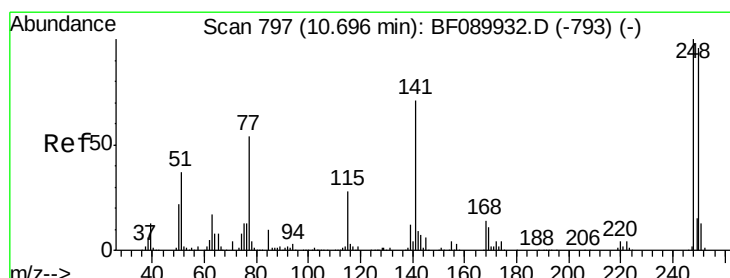
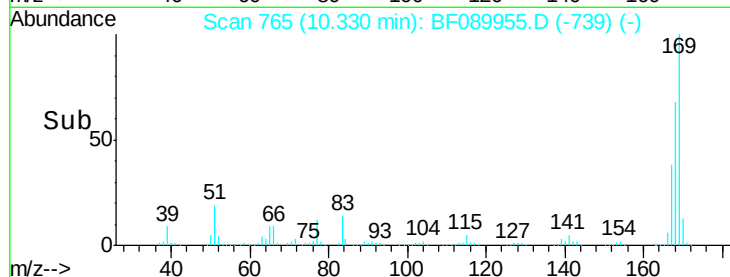
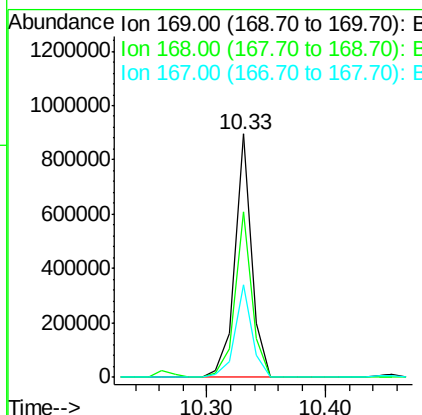
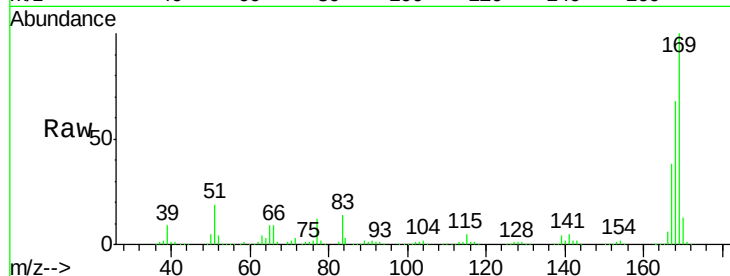
#65
 n-Nitrosodiphenylamine
 Concen: 44.29 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	881210		
168	67.9	55.0	82.4	
167	38.0	30.5	45.7	

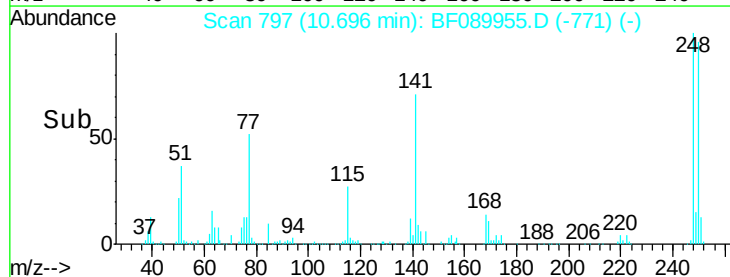
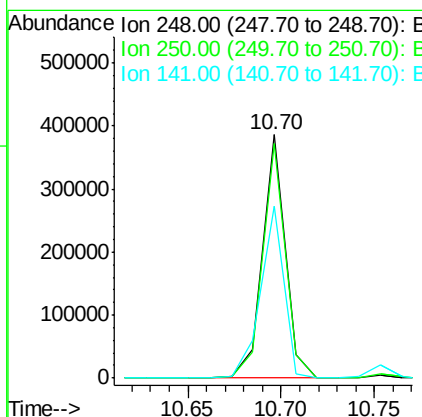
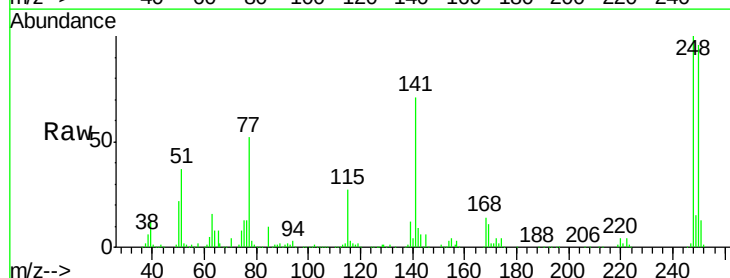
Manual Integrations
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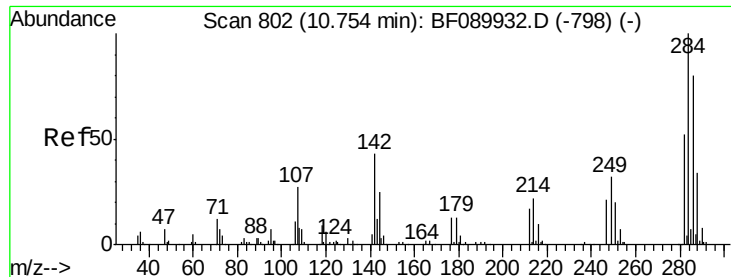
SOHIL
 9/1/2016 11:54:11 AM



#66
 4-Bromophenyl-phenylether
 Concen: 48.62 ng
 RT: 10.70 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	323969		
250	96.5	77.3	115.9	
141	70.8	55.8	83.8	





#67

Hexachlorobenzene

Concen: 42.64 ng

RT: 10.75 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

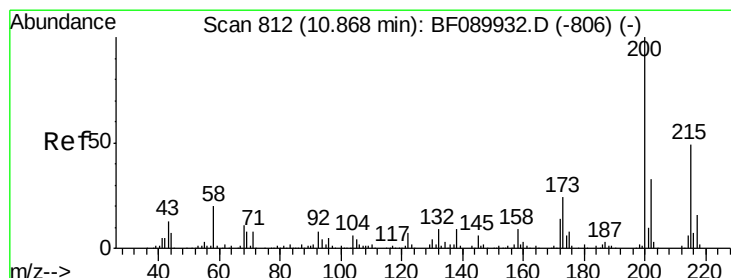
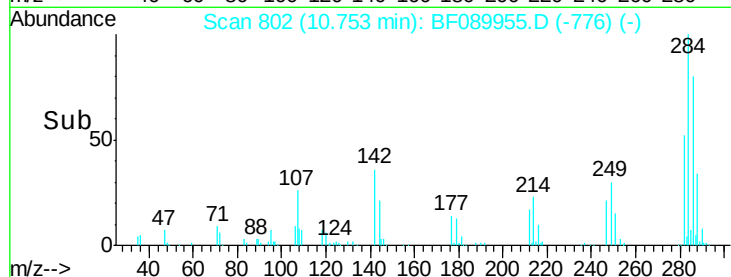
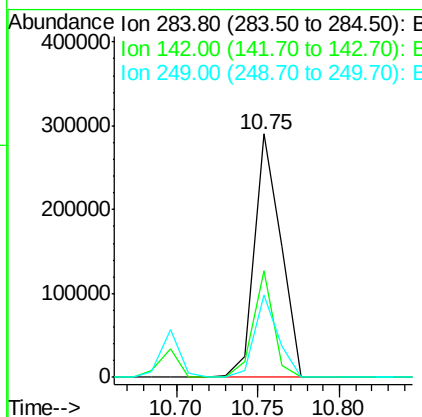
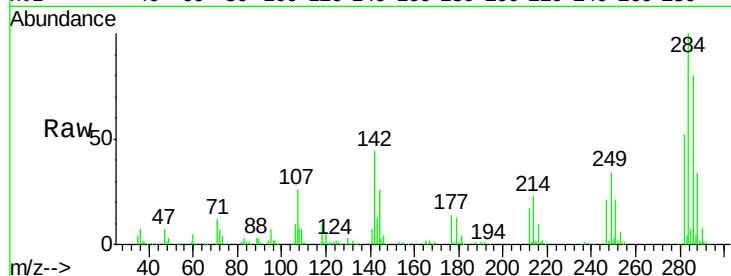
ClientSampleId :

PB93146BS

Tgt Ion:	284	Resp:	324544
Ion Ratio	Lower	Upper	
284	100		
142	43.6	32.7	49.1
249	33.9	26.9	40.3

Manual Integrations
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#68

Atrazine

Concen: 53.10 ng

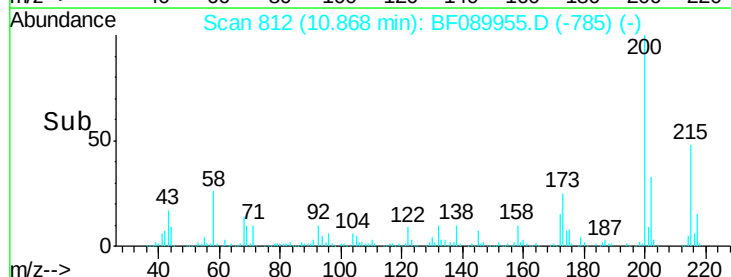
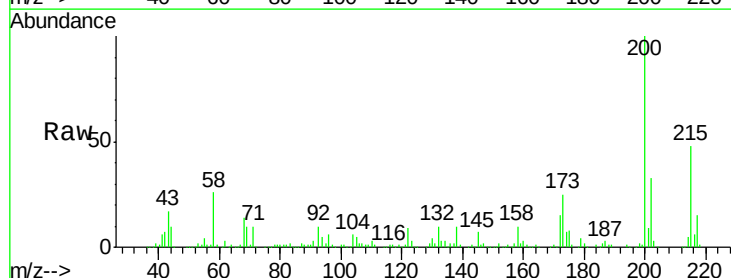
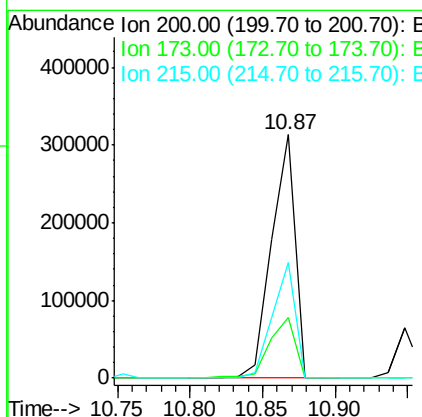
RT: 10.87 min Scan# 812

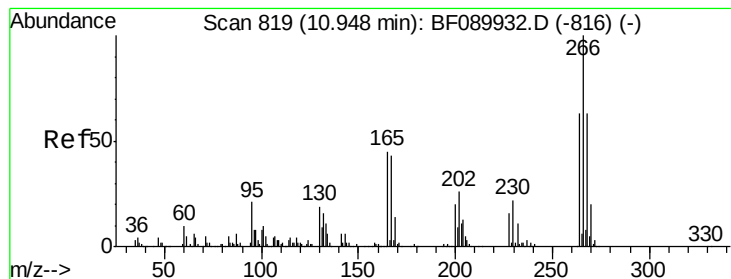
Delta R.T. 0.01 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Tgt Ion:	200	Resp:	352702
Ion Ratio	Lower	Upper	
200	100		
173	24.8	9.4	49.4
215	47.7	24.5	64.5





#69

Pentachlorophenol

Concen: 81.11 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

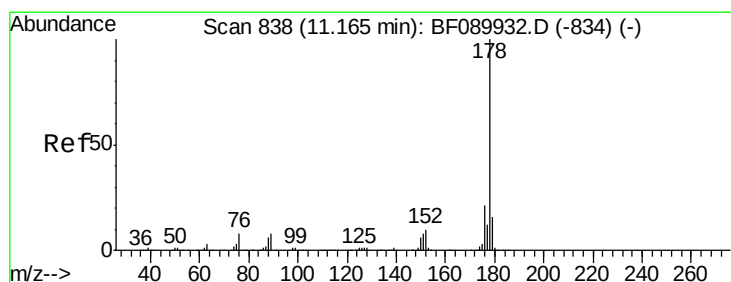
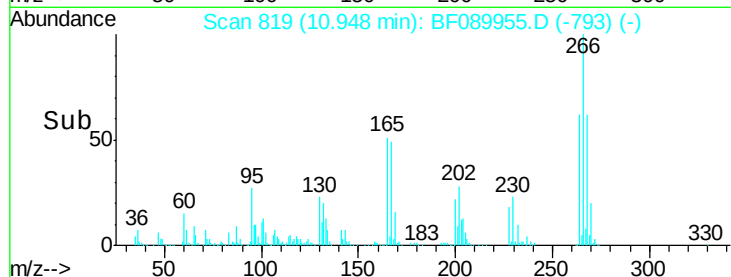
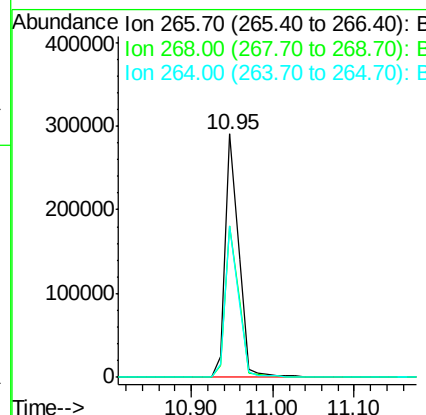
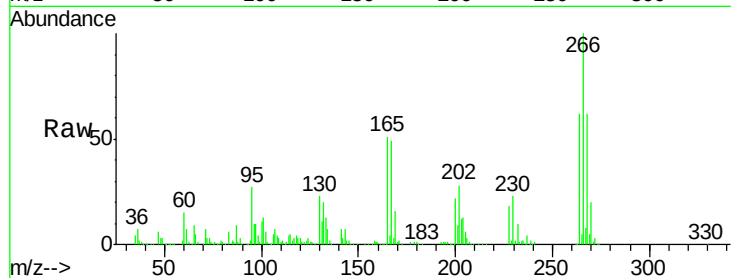
ClientSampleId :

PB93146BS

Tgt Ion:	266	Resp:	332124
Ion Ratio		Lower	Upper
266	100		
268	62.4	51.0	76.6
264	62.0	50.6	75.8

Manual Integrations
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#70

Phenanthrene

Concen: 45.68 ng

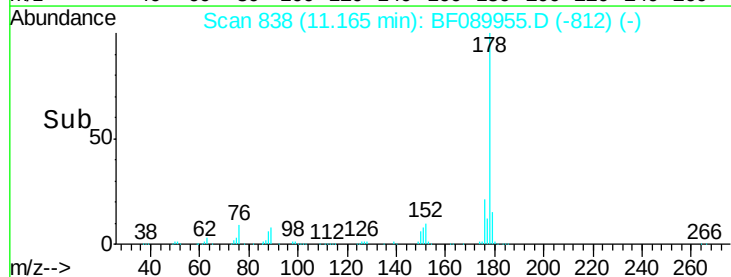
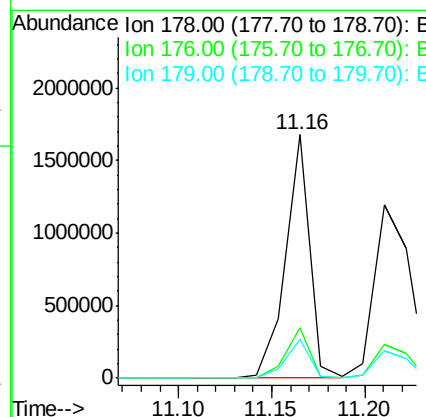
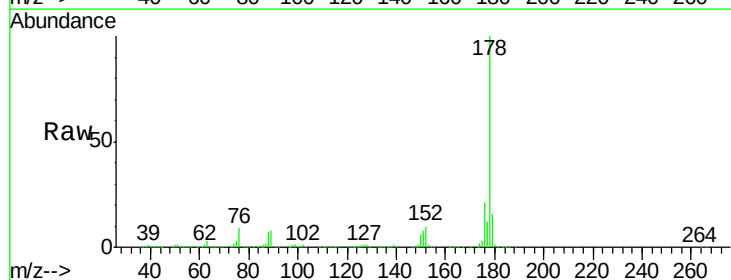
RT: 11.16 min Scan# 838

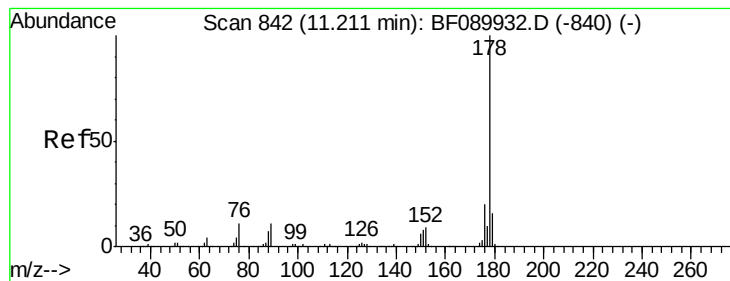
Delta R.T. 0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Tgt Ion:	178	Resp:	1505568
Ion Ratio		Lower	Upper
178	100		
176	20.6	16.5	24.7
179	16.1	12.8	19.2





#71

Anthracene

Concen: 45.35 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

Tgt Ion:178 Resp: 1516125

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

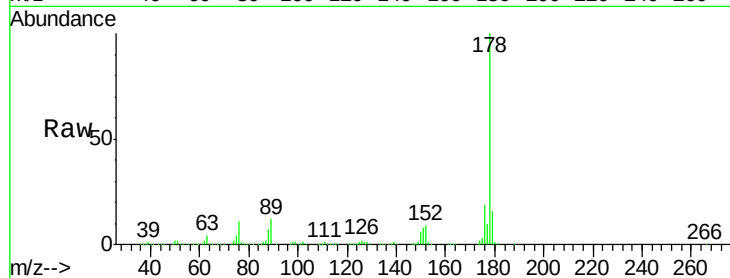
179 16.1 13.0 19.4

Manual Integrations

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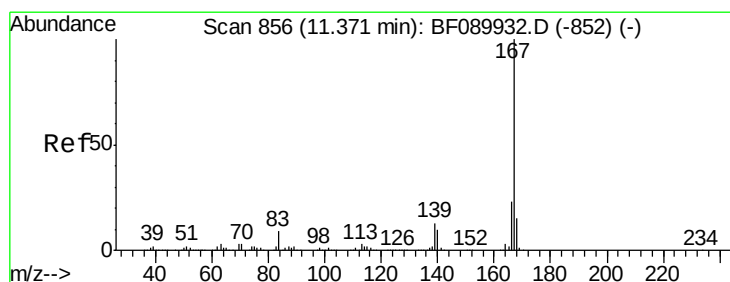
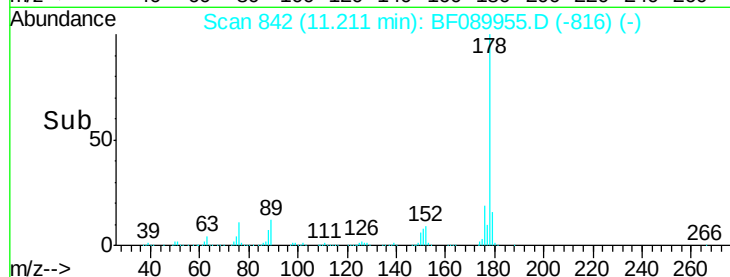
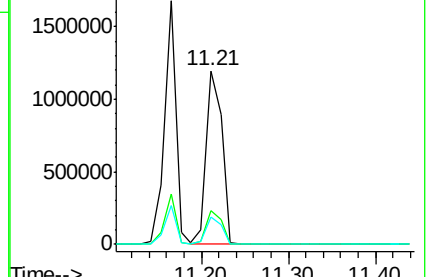
9/1/2016 11:54:11 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.33 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

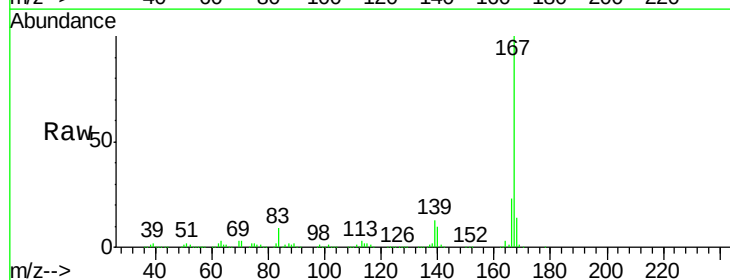
Tgt Ion:167 Resp: 1326736

Ion Ratio Lower Upper

167 100

166 22.8 18.1 27.1

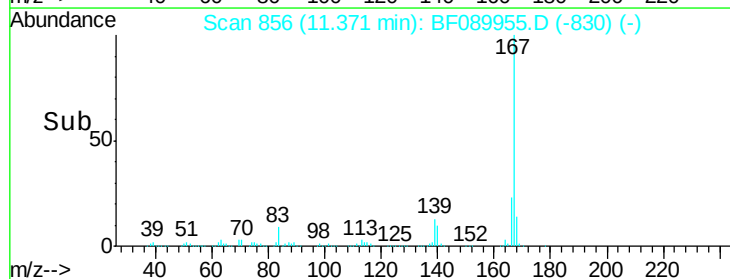
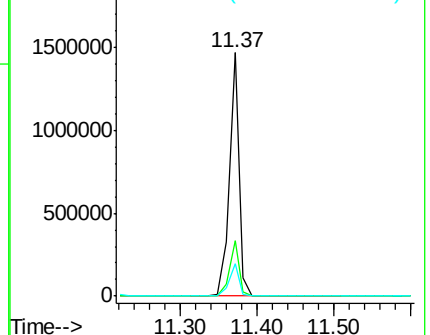
139 13.4 10.4 15.6

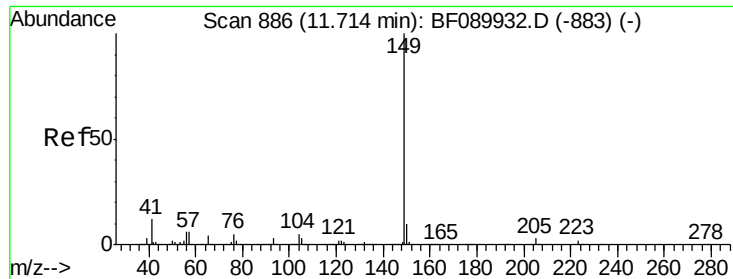


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.94 ng

RT: 11.72 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

ClientSampleId :

PB93146BS

Tgt Ion:149 Resp: 1787883

Ion Ratio Lower Upper

149 100

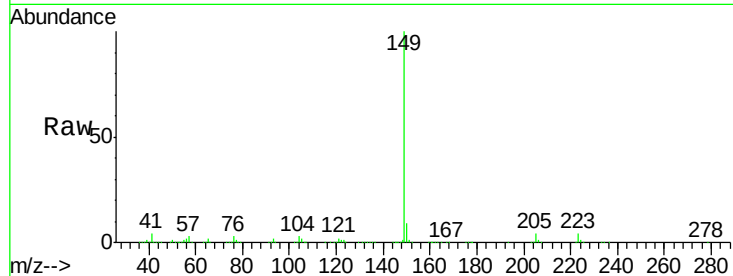
150 9.0 7.8 11.8

104 3.4 3.9 5.9#

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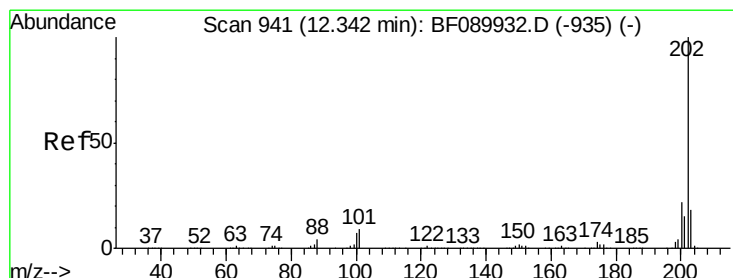
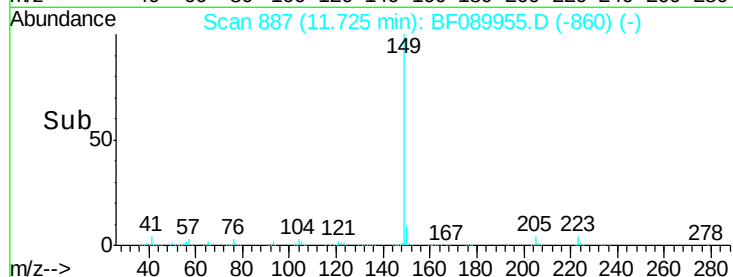
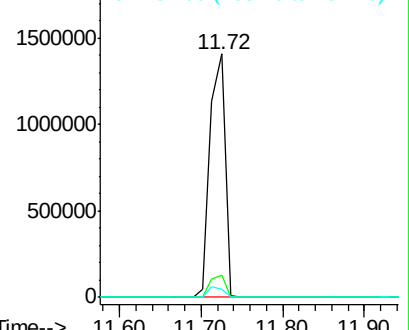
9/1/2016 11:54:11 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.20 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

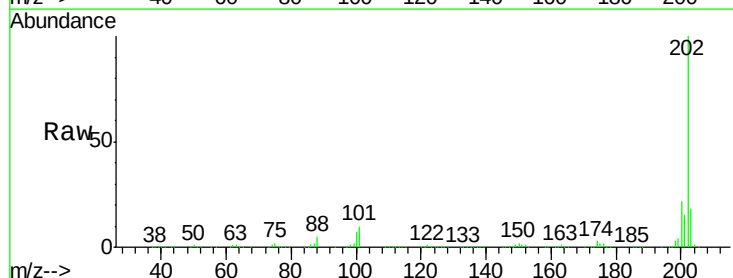
Tgt Ion:202 Resp: 1526564

Ion Ratio Lower Upper

202 100

101 10.1 0.0 28.5

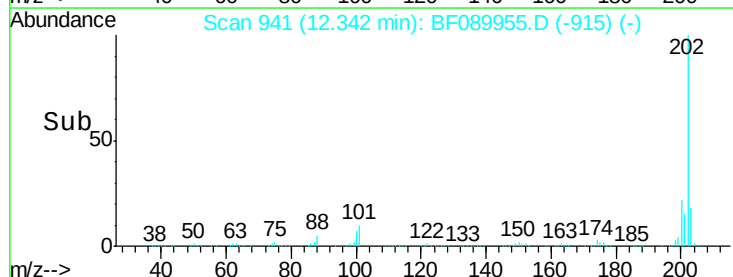
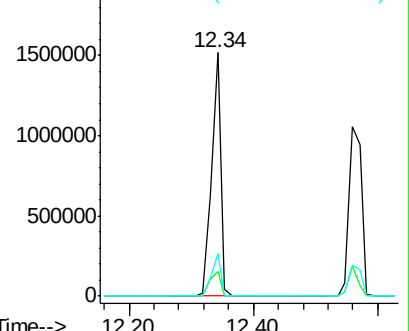
203 17.6 0.0 38.0

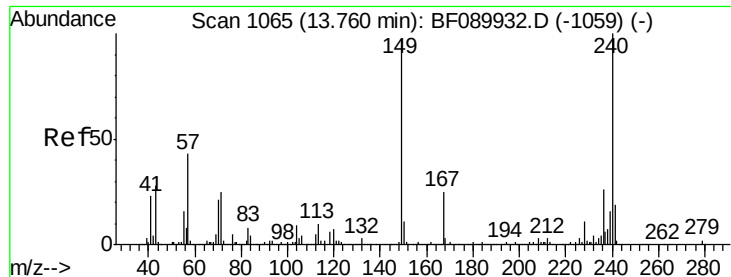


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

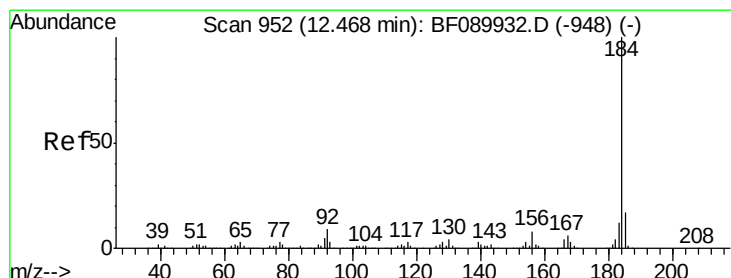
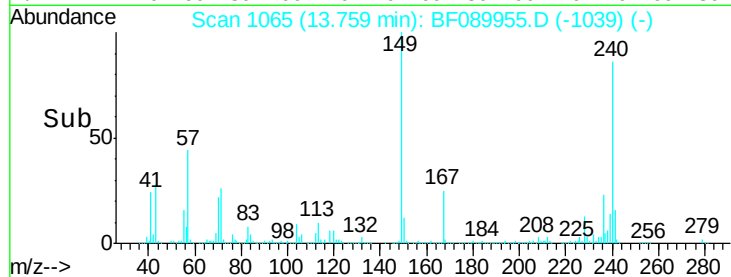
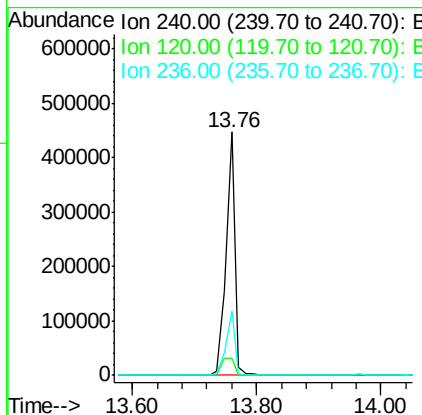
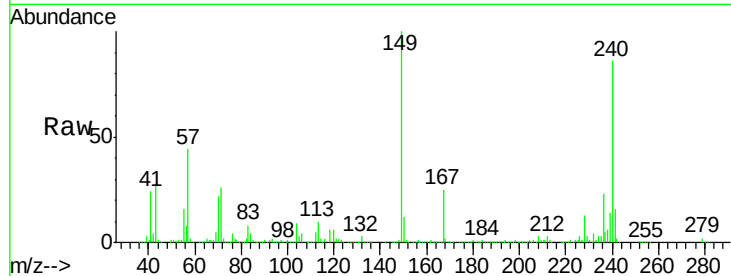
ClientSampleId :

PB93146BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.7	8.5
236	26.4	21.3	31.9

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#76

Benzidine

Concen: 39.47 ng

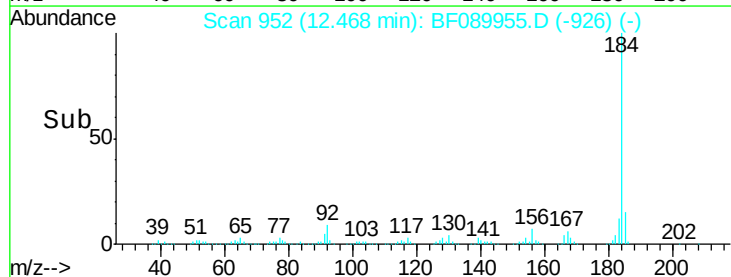
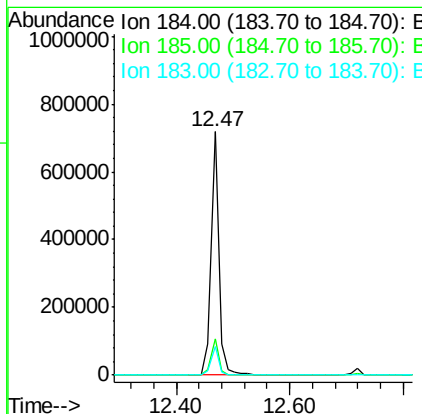
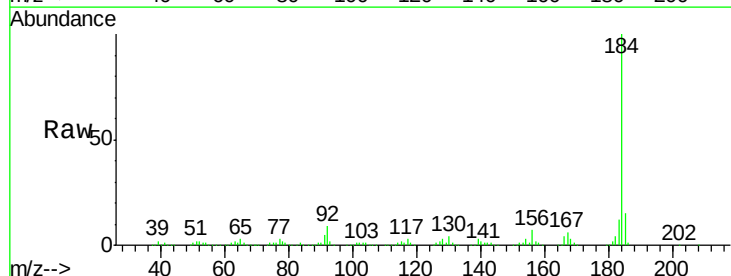
RT: 12.47 min Scan# 952

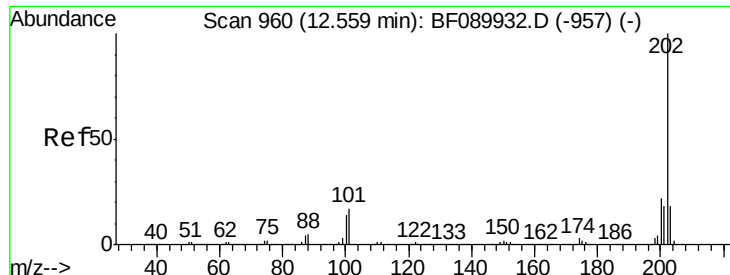
Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.8	20.8
183	11.6	9.6	14.4





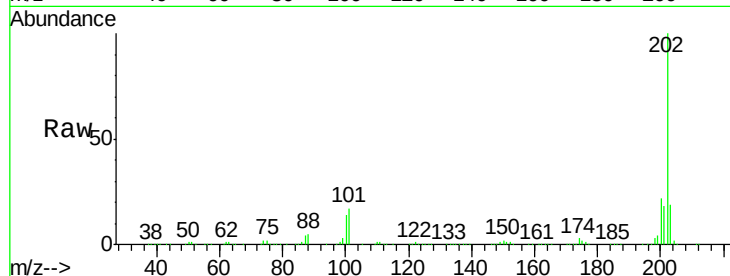
#77
Pyrene
 Concen: 46.85 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

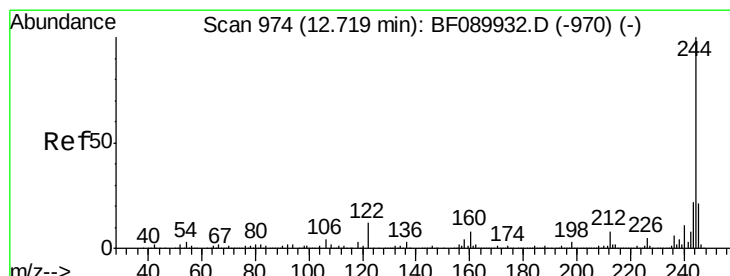
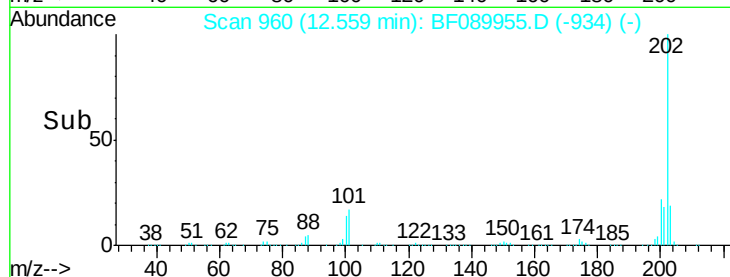
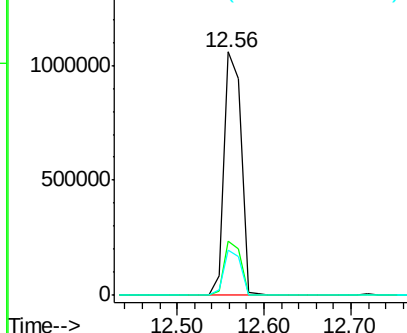
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	18.6	14.6	21.8

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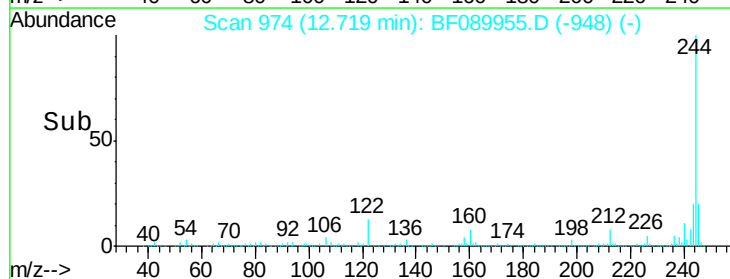
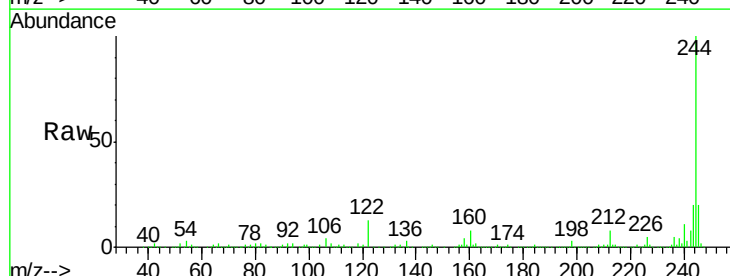
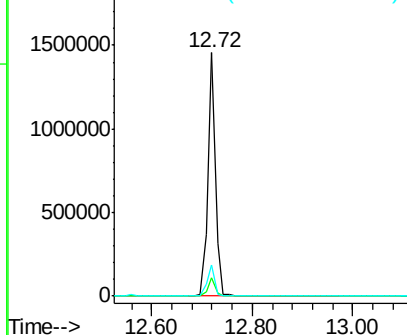
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

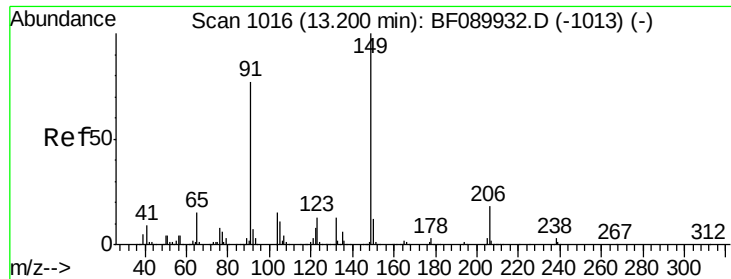


#78
Terphenyl-d14
 Concen: 85.07 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	12.6	9.6	14.4

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





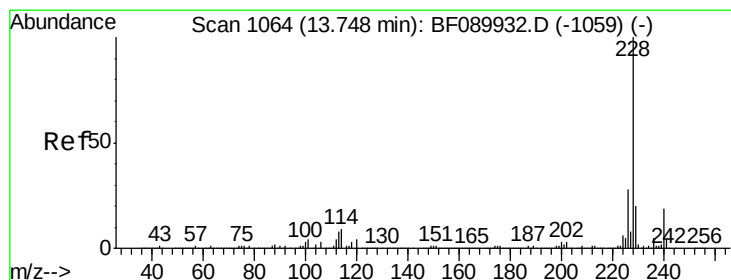
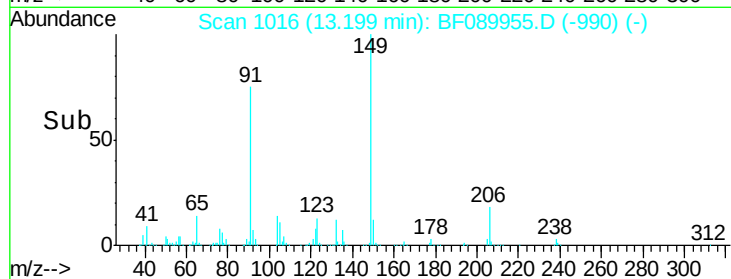
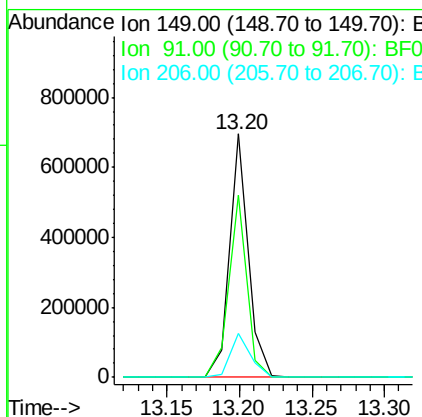
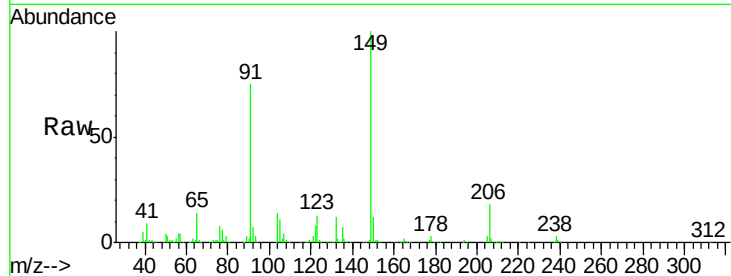
#79
Butylbenzylphthalate
Concen: 50.27 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	627293		
91	74.7	60.0	90.0	
206	18.3	15.1	22.7	

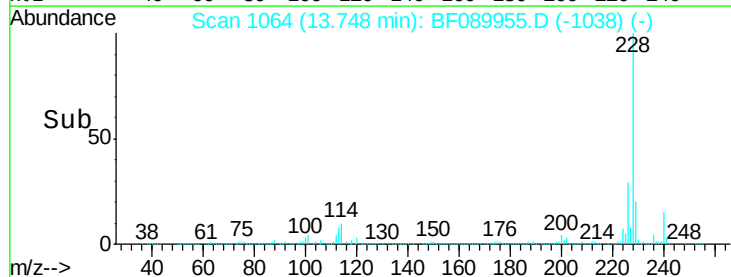
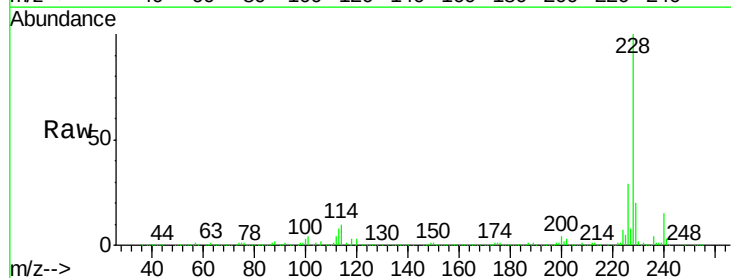
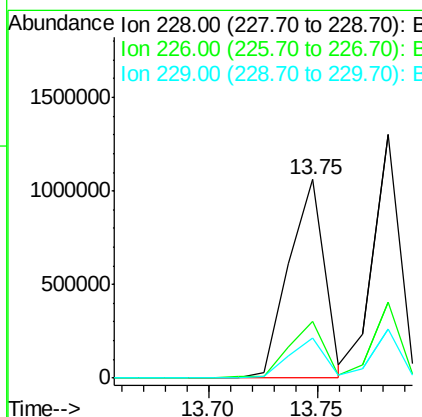
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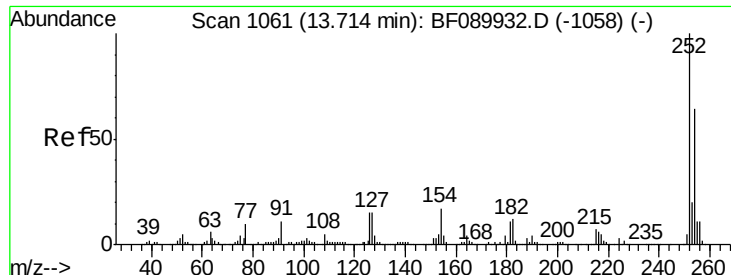
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#80
Benzo(a)anthracene
Concen: 45.20 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1215033		
226	28.7	22.2	33.2	
229	20.2	15.8	23.6	





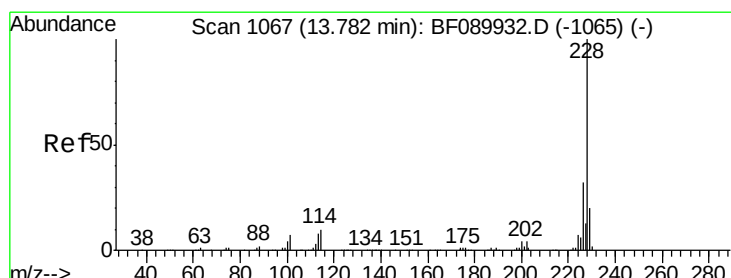
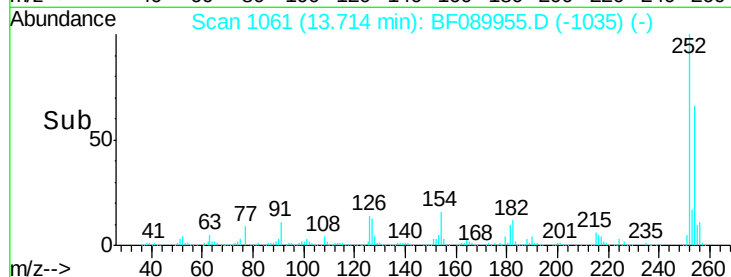
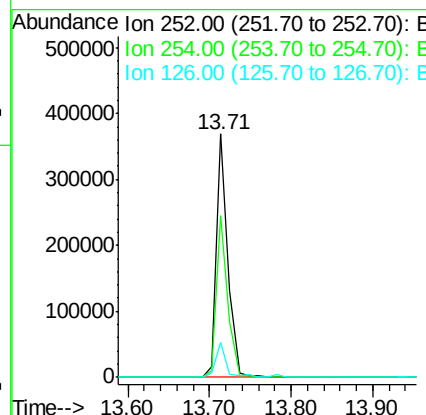
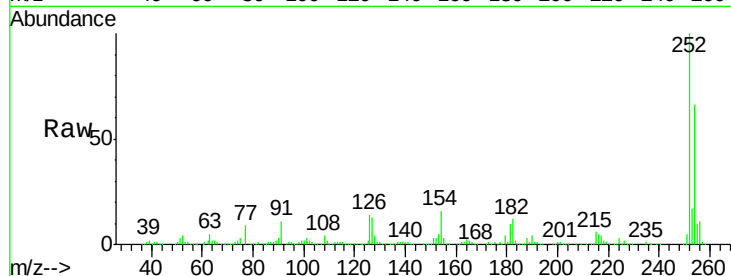
#81
 3,3'-Dichlorobenzidine
 Concen: 37.67 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.5	51.3	76.9
126	14.4	12.3	18.5

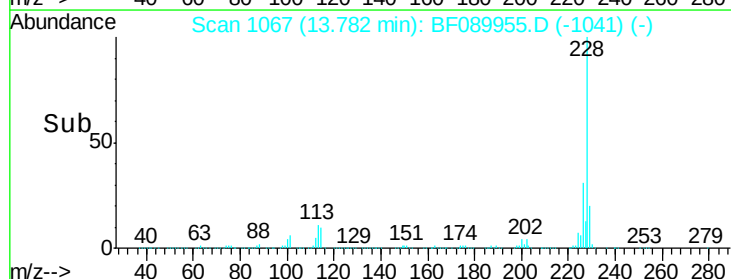
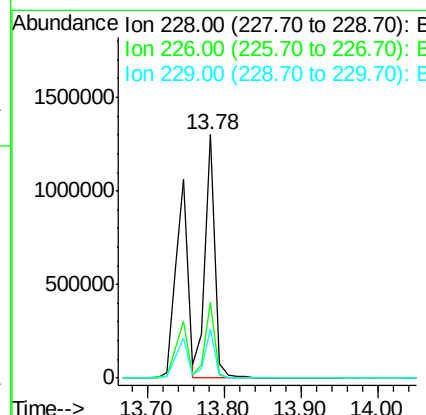
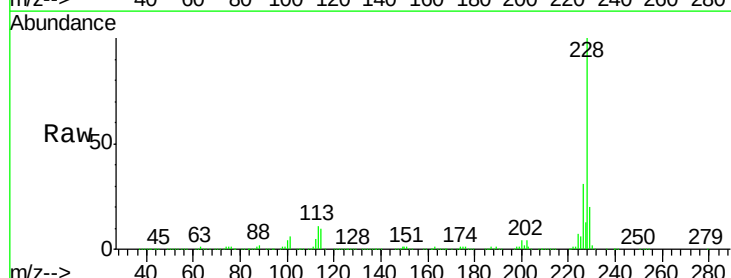
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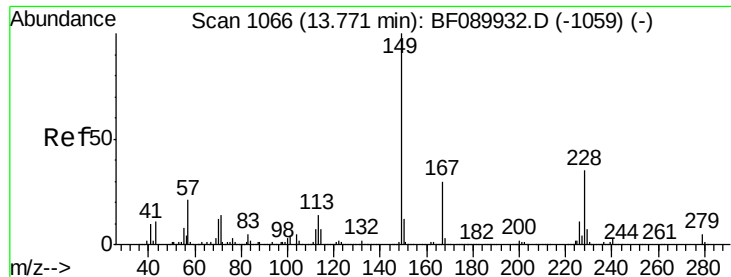
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#82
 Chrysene
 Concen: 45.28 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.2	37.8
229	20.0	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.81 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

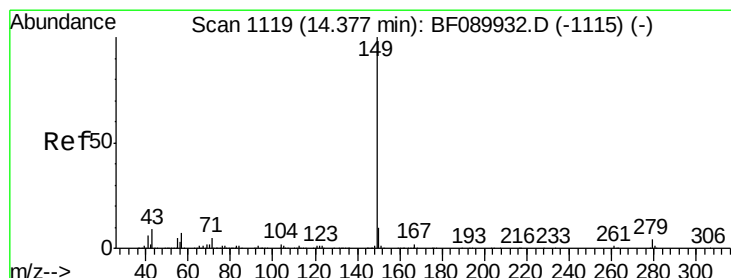
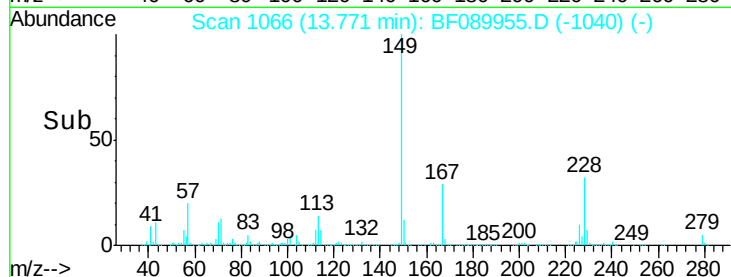
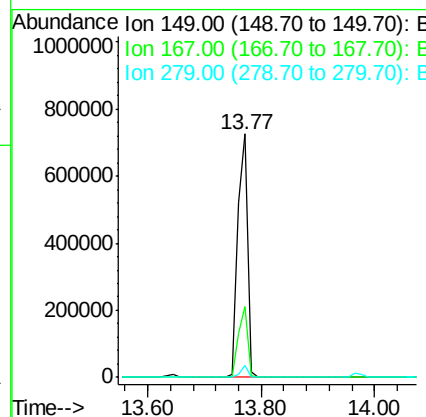
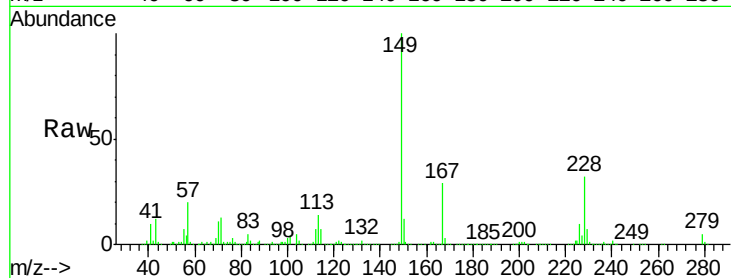
ClientSampleId :

PB93146BS

Tgt Ion:	149	Resp:	876909
Ion Ratio	Lower	Upper	
149	100		
167	29.3	23.6	35.4
279	4.7	3.4	5.2

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#84

Di-n-octyl phthalate

Concen: 53.00 ng

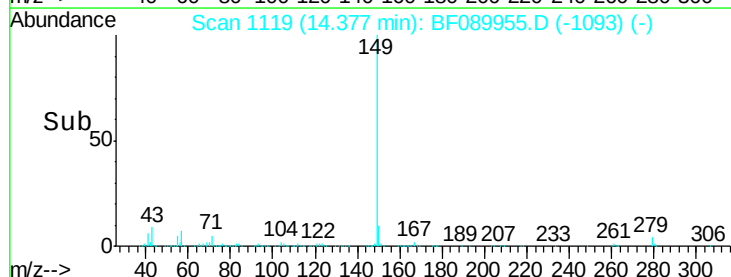
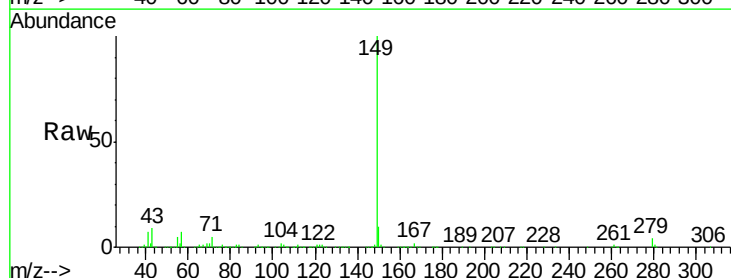
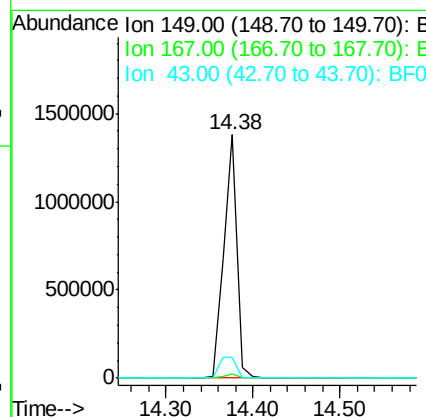
RT: 14.38 min Scan# 1119

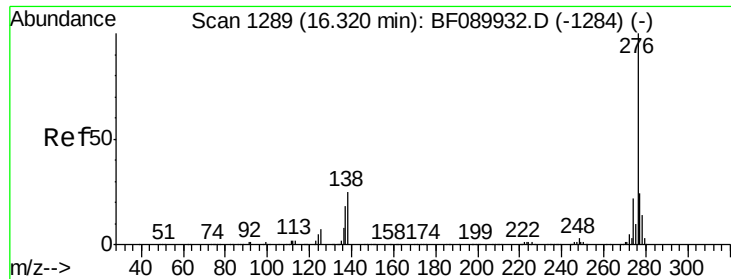
Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Tgt Ion:	149	Resp:	1476643
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	11.4	9.3	13.9





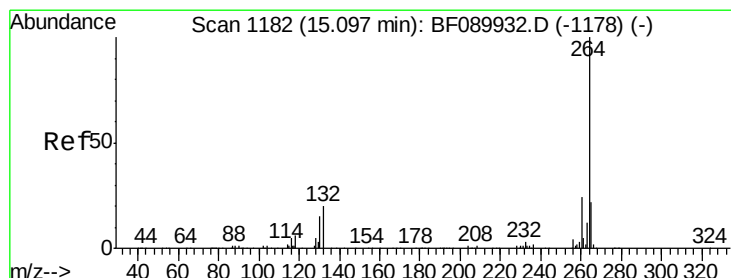
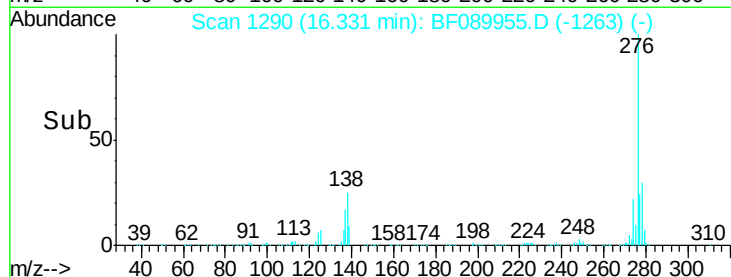
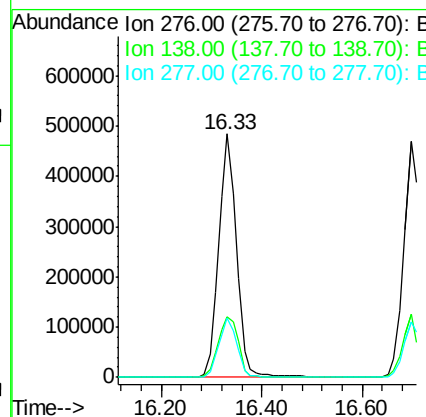
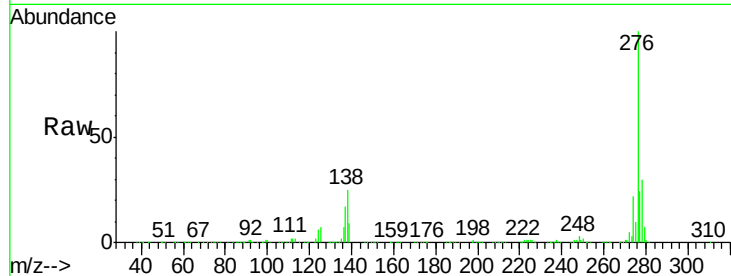
#85
Indeno(1,2,3-cd)pyrene
Concen: 64.39 ng
RT: 16.33 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	22.6	34.0
277	25.0	20.1	30.1

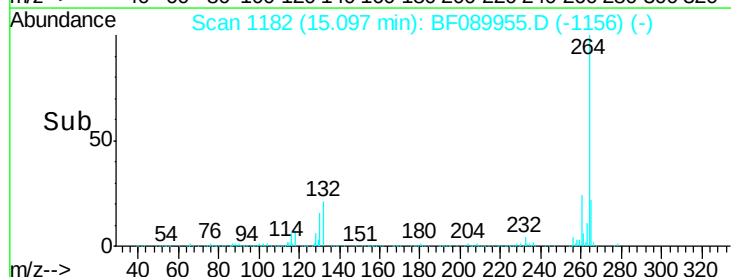
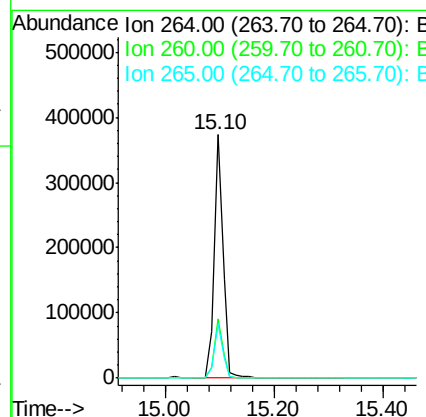
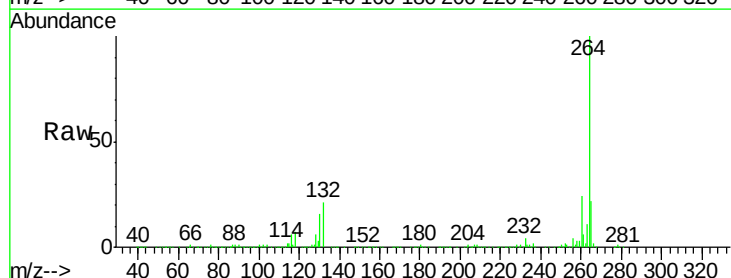
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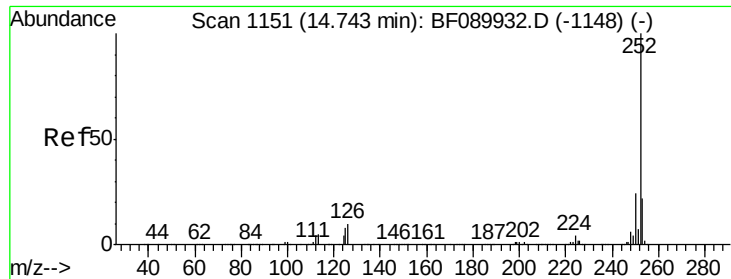
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	22.1	17.4	26.2





#87

Benzo(b)fluoranthene

Concen: 48.16 ng m

RT: 14.74 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Instrument :

BNA_F

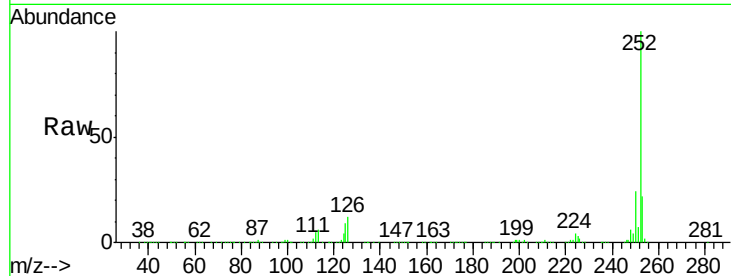
ClientSampleId :

PB93146BS

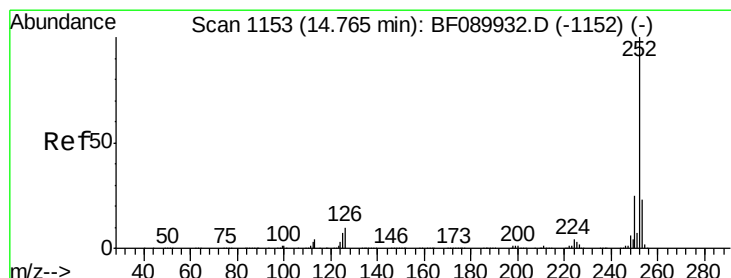
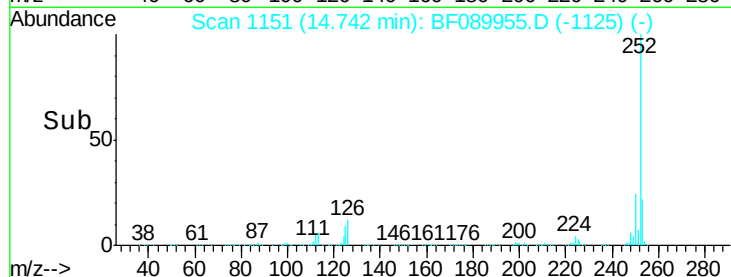
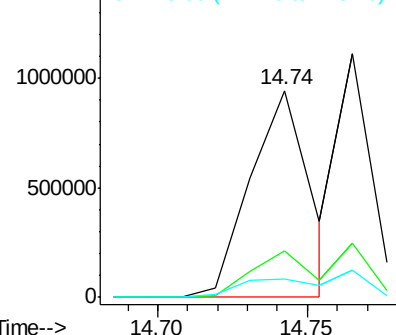
Tgt Ion:	252	Resp:	1288415
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	8.9	5.7	8.5#

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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



#88

Benzo(k)fluoranthene

Concen: 39.68 ng m

RT: 14.77 min Scan# 1153

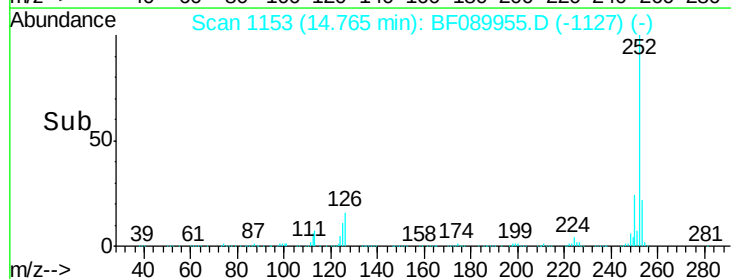
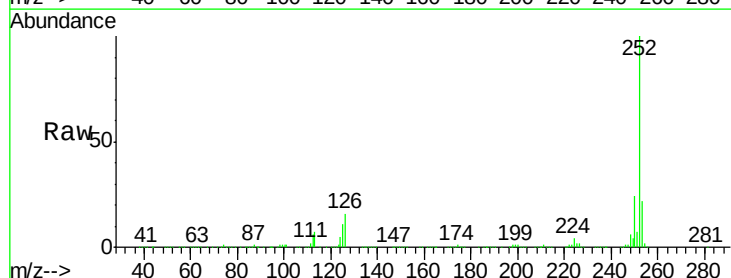
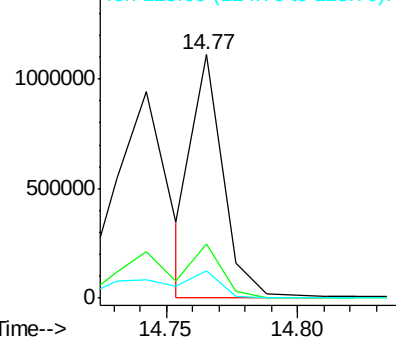
Delta R.T. -0.00 min

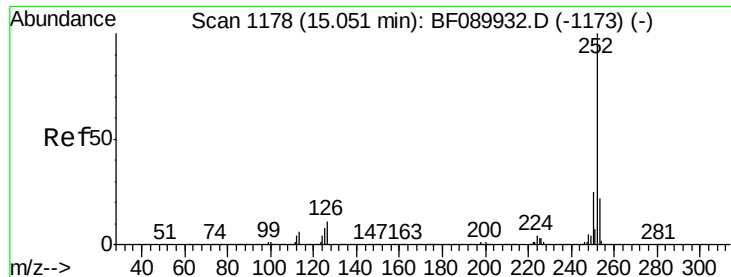
Lab File: BF089955.D

Acq: 31 Aug 2016 17:28

Tgt Ion:	252	Resp:	900682
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	11.1	7.3	10.9#

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





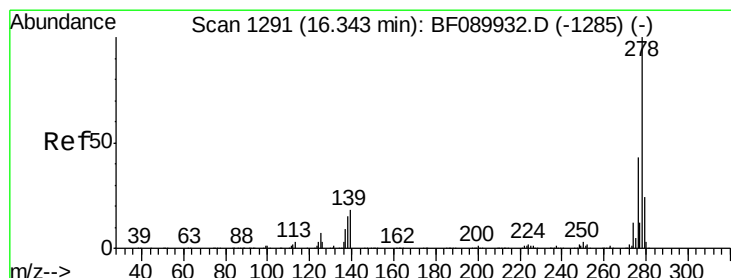
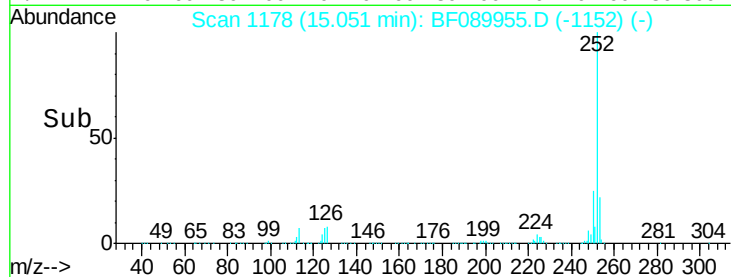
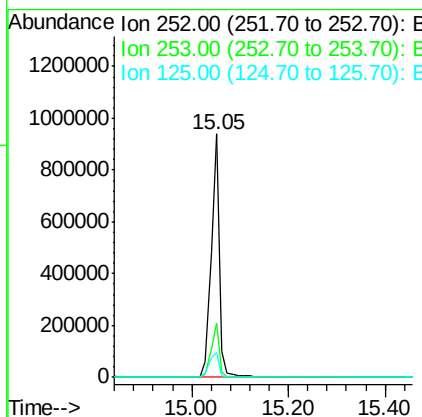
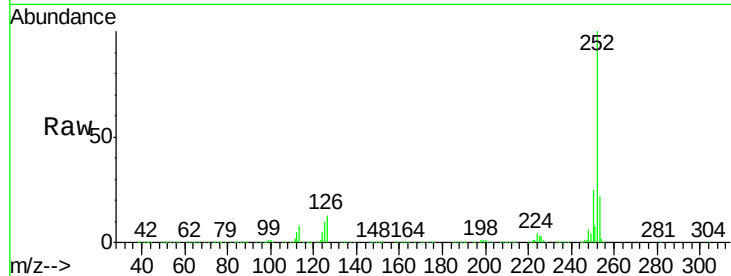
#89
Benzo(a)pyrene
Concen: 48.84 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.1	6.3	9.5

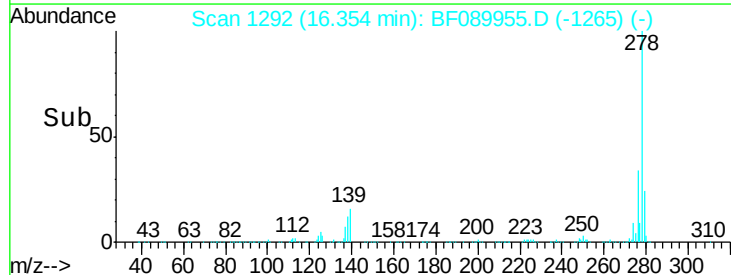
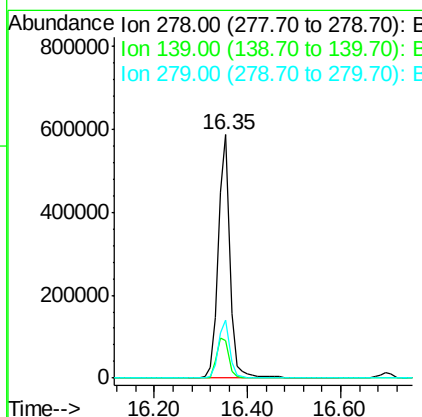
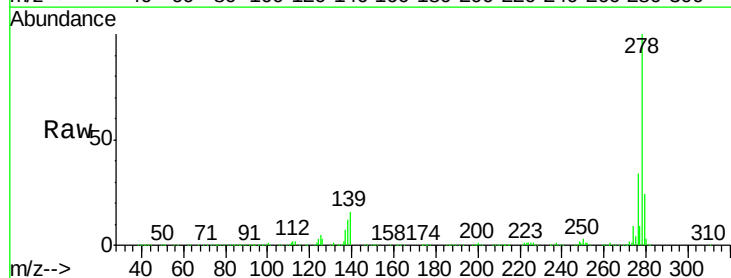
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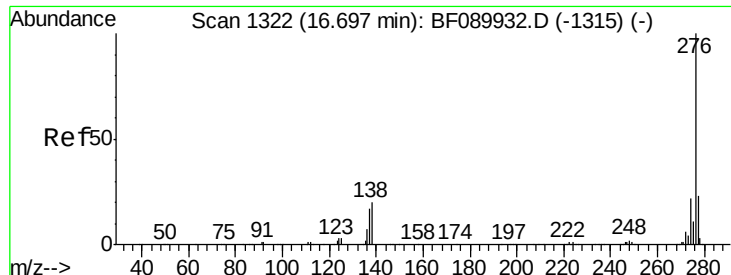
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#90
Dibenzo(a,h)anthracene
Concen: 59.85 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF089955.D
Acq: 31 Aug 2016 17:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.4	20.2
279	24.1	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 58.18 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF089955.D
 Acq: 31 Aug 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.8	19.0	28.4
138	26.8	16.4	24.6

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