

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089939.D
 Acq On : 31 Aug 2016 9:58
 Operator : UM/SJ
 Sample : PB93146BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:52:33 AM

Quant Time: Sep 01 05:11:43 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	229643	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	947347	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	529273	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	1056469	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	883112	20.00	ng	-0.01
86) Perylene-d12	15.10	264	751373	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	903588	62.98	ng	0.01
7) Phenol-d6	6.27	99	1092934	62.69	ng	0.00
23) Nitrobenzene-d5	7.20	82	927738	56.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	301583	57.76	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1995161	61.88	ng	-0.01
78) Terphenyl-d14	12.72	244	1984250	55.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	20237m	2.98	ng	
3) Pyridine	2.87	79	44979	2.48	ng	96
4) n-Nitrosodimethylamine	2.78	42	30960	3.46	ng	97
8) 2-Chlorophenol	6.41	128	55883	3.59	ng	# 80
9) Benzaldehyde	6.17	77	48174	4.28	ng	90
10) Phenol	6.28	94	93940	4.63	ng	# 67
11) bis(2-Chloroethyl)ether	6.38	93	58755	3.83	ng	88
12) 1,3-Dichlorobenzene	6.57	146	66159m	3.81	ng	
13) 1,4-Dichlorobenzene	6.65	146	65580	3.69	ng	97
14) 1,2-Dichlorobenzene	6.81	146	53788m	3.37	ng	
15) Benzyl Alcohol	6.79	79	54292	4.97	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	6.92	45	102307	3.50	ng	98
17) 2-Methylphenol	6.90	107	46130	3.71	ng	94
18) Hexachloroethane	7.15	117	21381	3.51	ng	# 86
19) n-Nitroso-di-n-propylamine	7.05	70	41959	3.69	ng	# 93
20) 3+4-Methylphenols	7.05	107	60599	4.02	ng	97
22) Acetophenone	7.05	105	79375	3.73	ng	# 95
24) Nitrobenzene	7.22	77	56759	3.27	ng	# 77
25) Isophorone	7.46	82	110706	3.33	ng	97
26) 2-Nitrophenol	7.54	139	24355	2.93	ng	# 81
27) 2,4-Dimethylphenol	7.59	122	56077	3.65	ng	92
28) bis(2-Chloroethoxy)methane	7.68	93	70405	3.51	ng	96
29) 2,4-Dichlorophenol	7.78	162	48314	3.51	ng	91
30) 1,2,4-Trichlorobenzene	7.86	180	52644	3.50	ng	96
31) Naphthalene	7.94	128	176950	3.75	ng	98
34) Hexachlorobutadiene	8.07	225	30611	3.47	ng	96
35) Caprolactam	8.32	113	15431	3.55	ng	91
36) 4-Chloro-3-methylphenol	8.47	107	47182	3.24	ng	# 82
37) 2-Methylnaphthalene	8.63	142	124073	3.98	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	55019	3.55	ng	99
40) Hexachlorocyclopentadiene	8.79	237	52619	6.62	ng	96
42) 2,4,6-Trichlorophenol	8.91	196	33801	3.15	ng	96
43) 2,4,5-Trichlorophenol	8.95	196	35572	3.44	ng	# 85
45) 1,1'-Biphenyl	9.10	154	154797	3.63	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.11	162	107351	3.56	ng	97
47) 2-Nitroaniline	9.21	65	30591	3.10	ng #	76
48) Acenaphthylene	9.52	152	179171	3.59	ng	98
49) Dimethylphthalate	9.39	163	139584	3.65	ng	98
50) 2,6-Dinitrotoluene	9.45	165	29521	3.47	ng	99
51) Acenaphthene	9.69	154	111992	3.55	ng	100
52) 3-Nitroaniline	9.61	138	28825	2.97	ng	99
53) 2,4-Dinitrophenol	9.72	184	8150	4.47	ng #	64
54) Dibenzofuran	9.86	168	169470	4.00	ng	99
55) 4-Nitrophenol	9.77	139	41386	5.65	ng #	52
56) 2,4-Dinitrotoluene	9.85	165	39615	3.67	ng	91
57) Fluorene	10.20	166	143706	4.65	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	33667	3.81	ng	89
59) Diethylphthalate	10.09	149	132078	3.67	ng	98
60) 4-Chlorophenyl-phenylether	10.20	204	63727	4.38	ng #	83
61) 4-Nitroaniline	10.22	138	32193	3.38	ng	95
62) Azobenzene	10.36	77	149425	4.16	ng	93
65) n-Nitrosodiphenylamine	10.32	169	114515	3.61	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	38846	3.65	ng #	84
67) Hexachlorobenzene	10.75	284	44666	3.68	ng #	78
68) Atrazine	10.84	200	36917	3.48	ng	98
69) Pentachlorophenol	10.95	266	29044	4.44	ng	99
70) Phenanthrene	11.15	178	208805	3.97	ng	98
71) Anthracene	11.21	178	213618	4.00	ng	97
72) Carbazole	11.36	167	195380	3.90	ng	98
73) Di-n-butylphthalate	11.71	149	233715	4.01	ng	98
74) Fluoranthene	12.33	202	233609	4.24	ng	95
77) Pyrene	12.56	202	238623	3.83	ng	97
79) Butylbenzylphthalate	13.20	149	84378	3.36	ng	85
80) Benzo(a)anthracene	13.74	228	198327	3.67	ng	100
82) Chrysene	13.77	228	188897	3.74	ng	98
83) Bis(2-ethylhexyl)phthalate	13.76	149	118703	3.42	ng #	93
84) Di-n-octyl phthalate	14.37	149	171341	3.06	ng	99
85) Indeno(1,2,3-cd)pyrene	16.31	276	116413	3.12	ng	97
87) Benzo(b)fluoranthene	14.73	252	172056m	3.66	ng	
88) Benzo(k)fluoranthene	14.75	252	147250m	3.69	ng	
89) Benzo(a)pyrene	15.04	252	148606	3.68	ng	98
90) Dibenzo(a,h)anthracene	16.33	278	94694	3.20	ng	98
91) Benzo(g,h,i)perylene	16.67	276	97989	3.29	ng	97

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

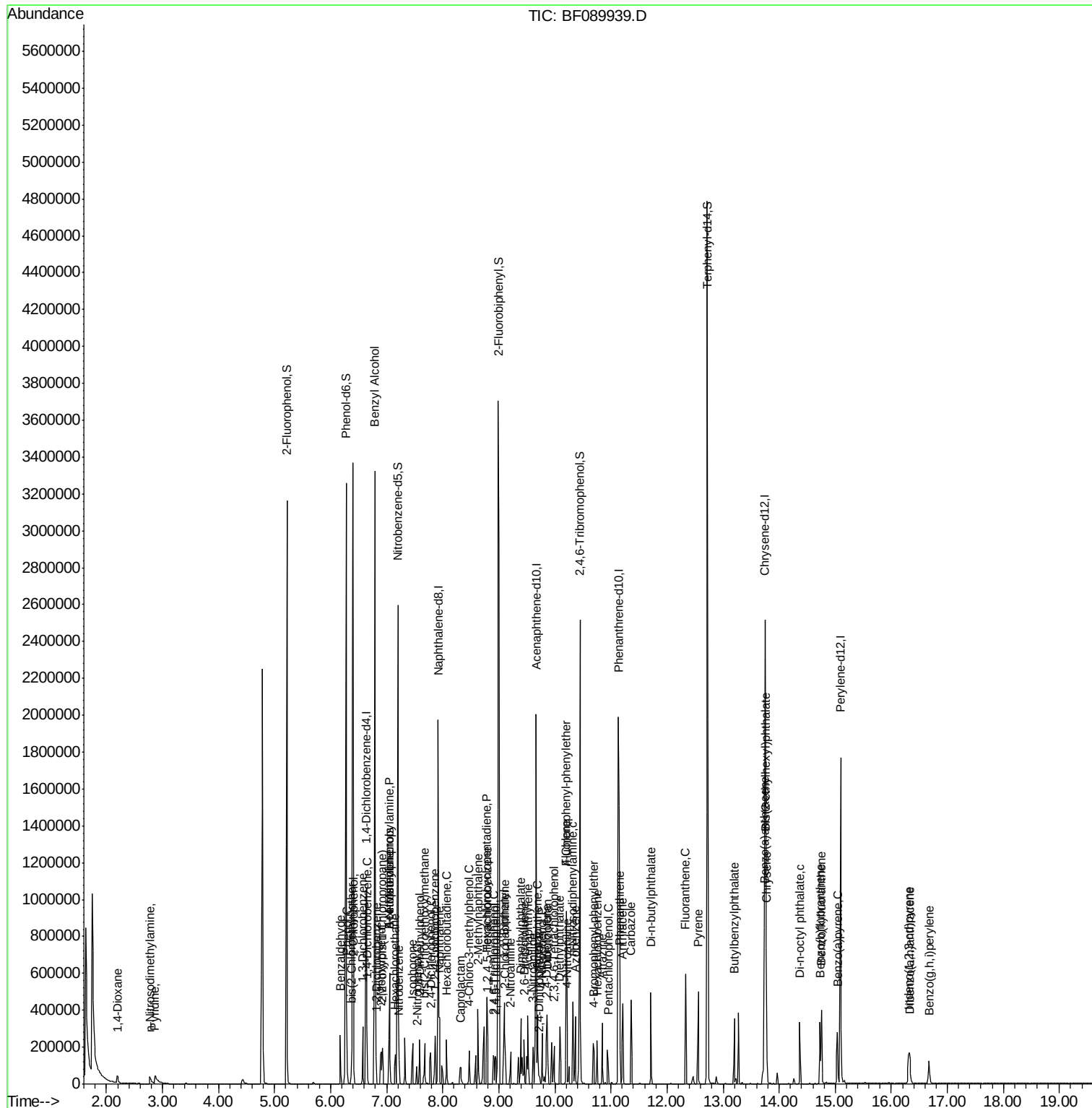
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Sample    : PB93146BS
Misc      :
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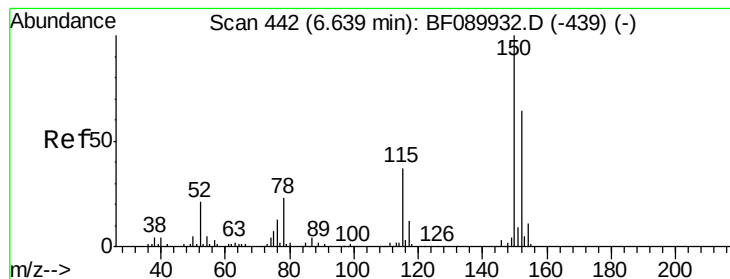
Instrument :
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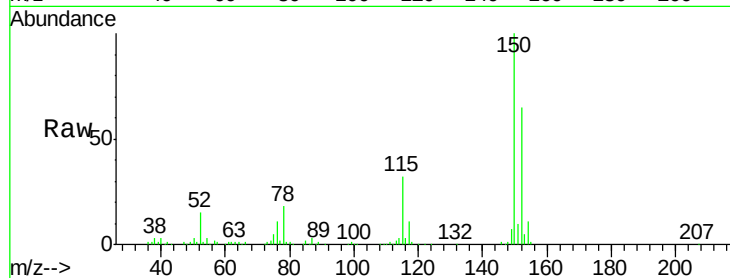
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

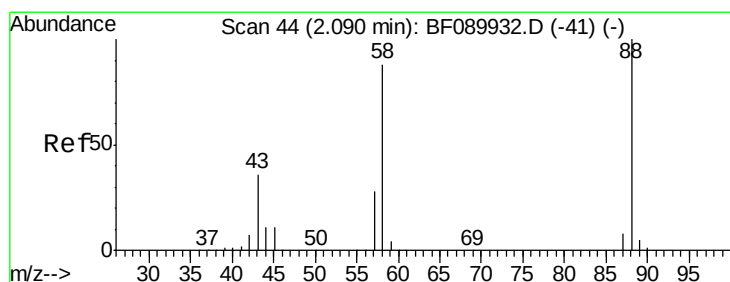
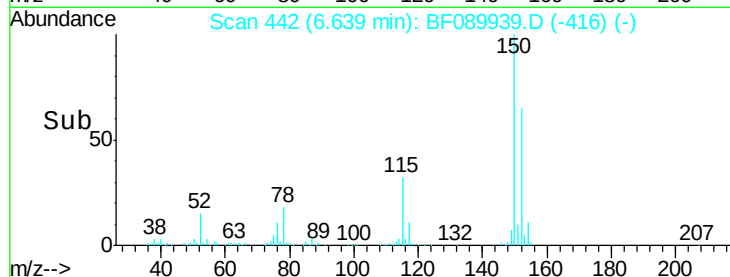
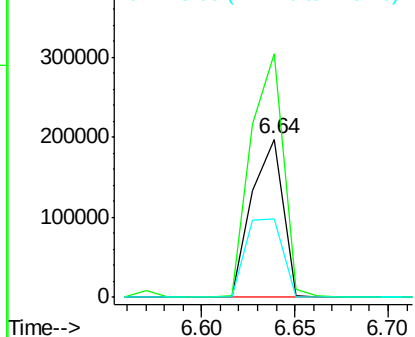
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	229643		
150	153.9	127.4	191.2	
115	49.9	46.3	69.5	

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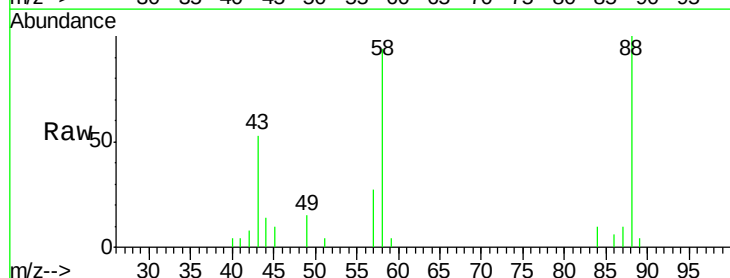


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

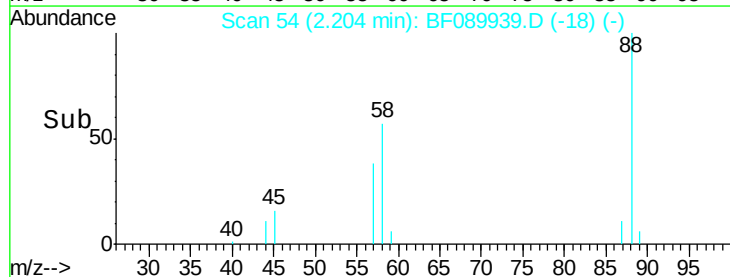
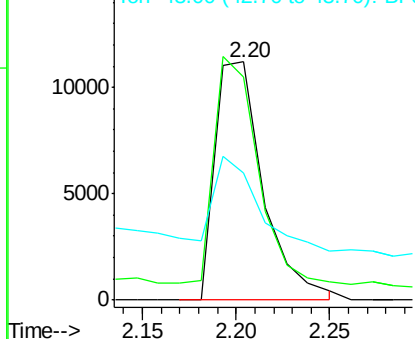


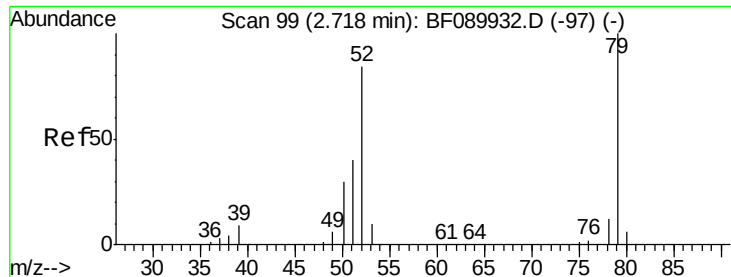
#2
 1,4-Dioxane
 Concen: 2.98 ng m
 RT: 2.20 min Scan# 54
 Delta R.T. 0.11 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	20237		
58	0.0	68.8	103.2#	
43	0.0	27.0	40.6#	



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 2.48 ng

RT: 2.87 min Scan# 112

Delta R.T. 0.15 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

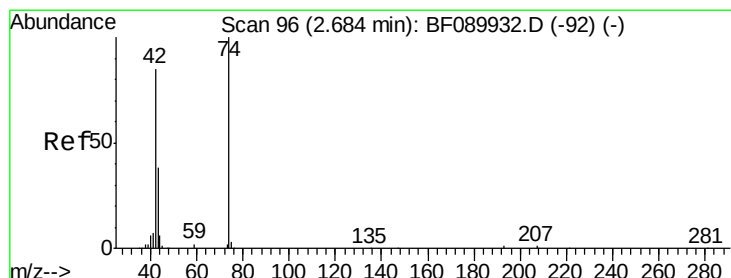
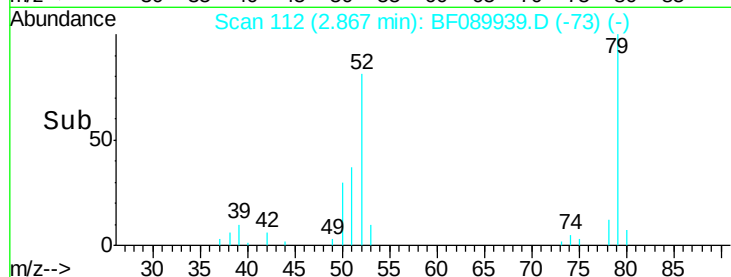
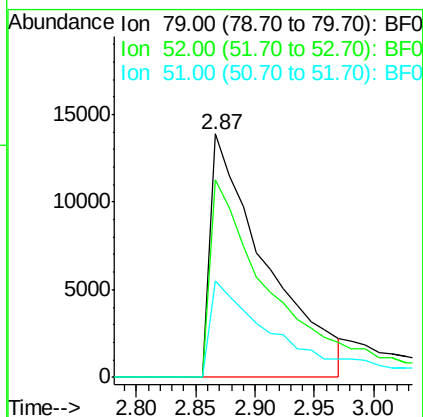
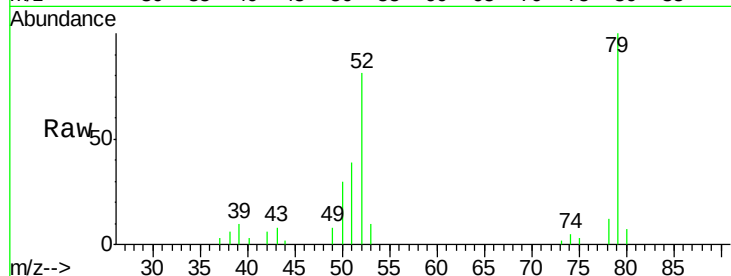
ClientSampleId :

PB93146BS

Tgt Ion:	79	Resp:	44979
Ion	Ratio	Lower	Upper
79	100		
52	80.9	67.8	101.6
51	39.4	32.9	49.3

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#4

n-Nitrosodimethylamine

Concen: 3.46 ng

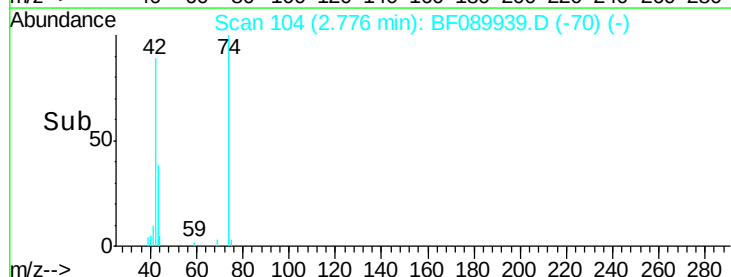
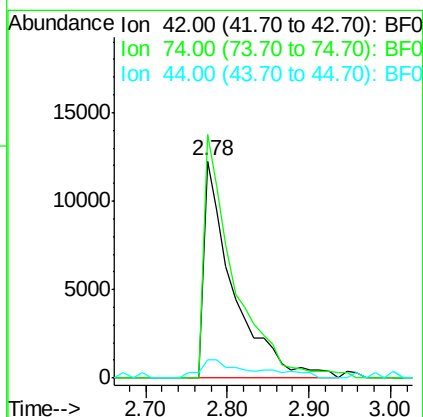
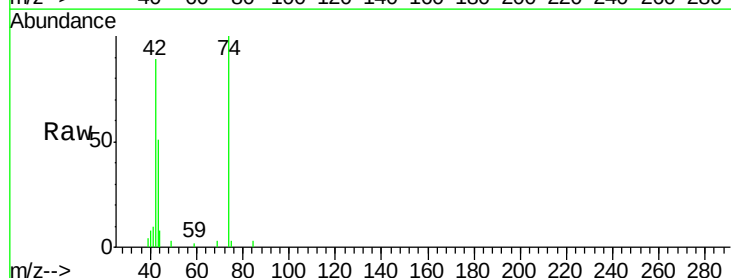
RT: 2.78 min Scan# 104

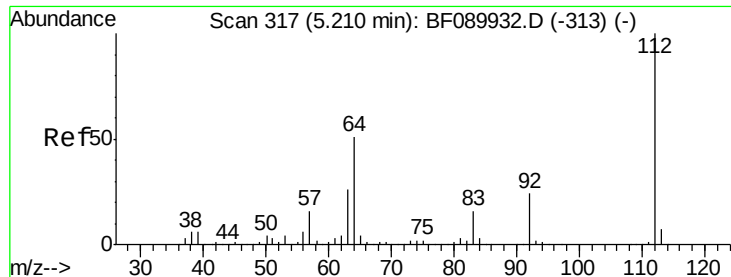
Delta R.T. 0.09 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Tgt Ion:	42	Resp:	30960
Ion	Ratio	Lower	Upper
42	100		
74	112.3	92.0	138.0
44	8.6	5.8	8.8





#5

2-Fluorophenol

Concen: 62.98 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

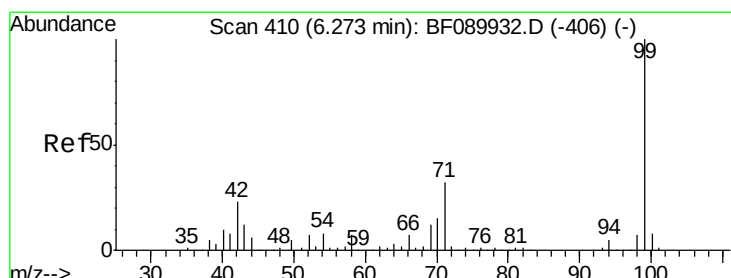
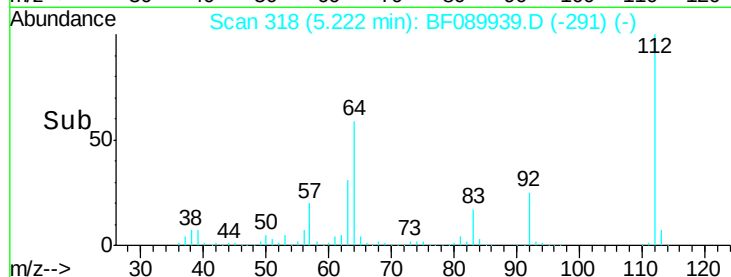
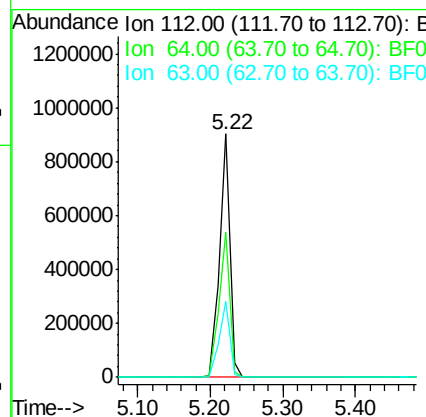
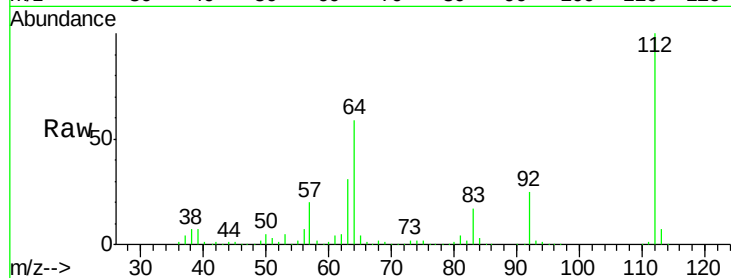
ClientSampleId :

PB93146BS

Tgt Ion:	112	Resp:	903588
Ion Ratio	Lower	Upper	
112	100		
64	59.4	41.1	61.7
63	30.9	21.2	31.8

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#7

Phenol-d6

Concen: 62.69 ng

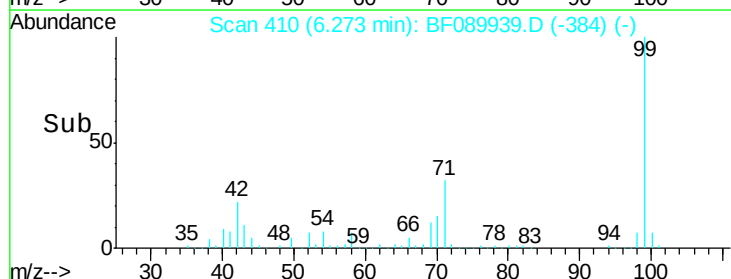
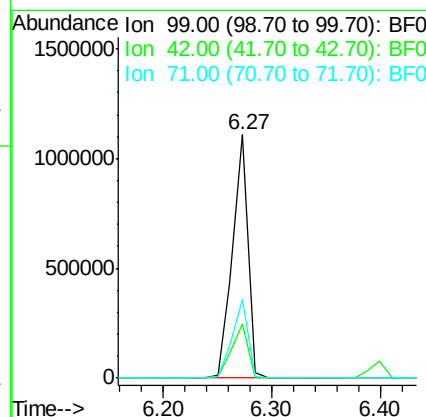
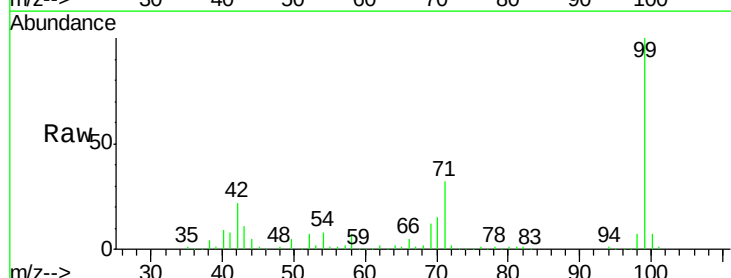
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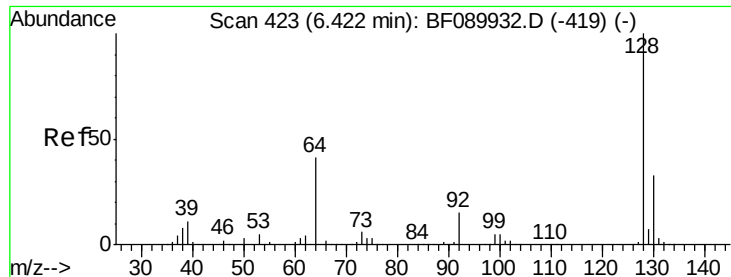
Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Tgt Ion:	99	Resp:	1092934
Ion Ratio	Lower	Upper	
99	100		
42	22.4	18.6	27.8
71	32.3	25.8	38.6





#8

2-Chlorophenol

Concen: 3.59 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

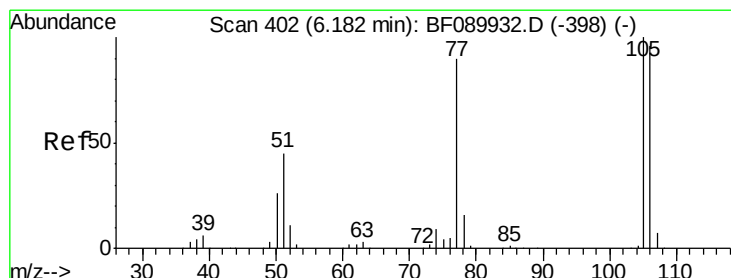
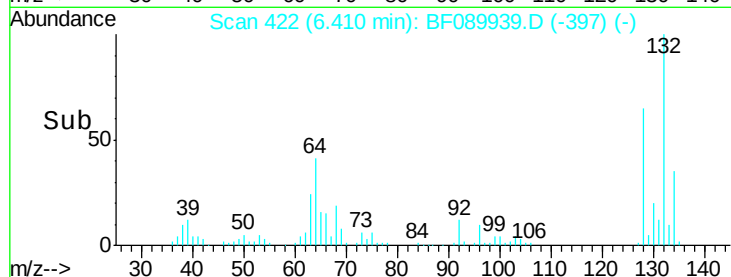
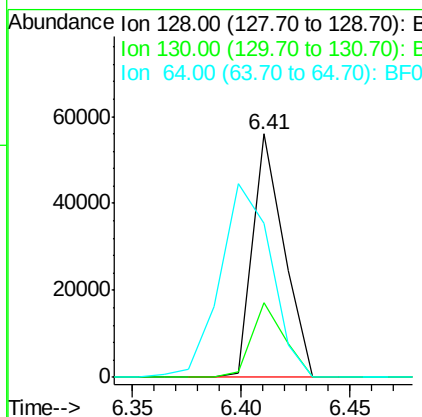
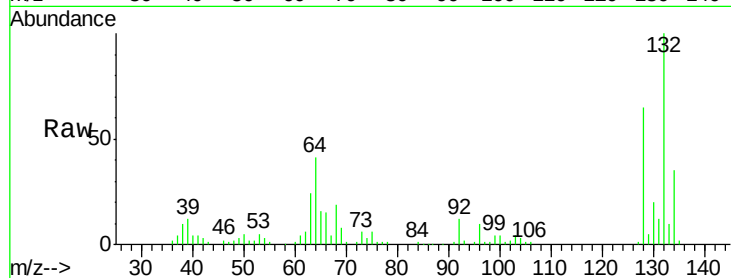
ClientSampleId :

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Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
130	30.4	12.8	52.8
64	63.3	23.2	63.2

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#9

Benzaldehyde

Concen: 4.28 ng

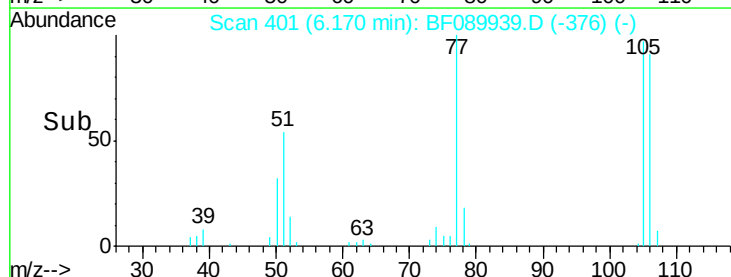
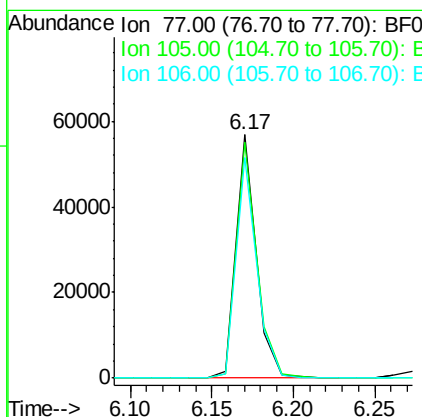
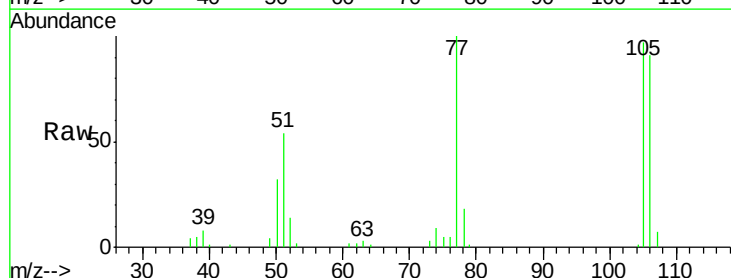
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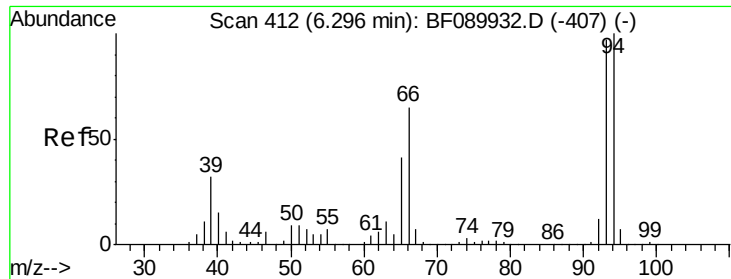
Delta R.T. -0.01 min

Lab File: BF089939.D

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Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
105	96.9	85.4	125.4
106	90.7	83.4	123.4





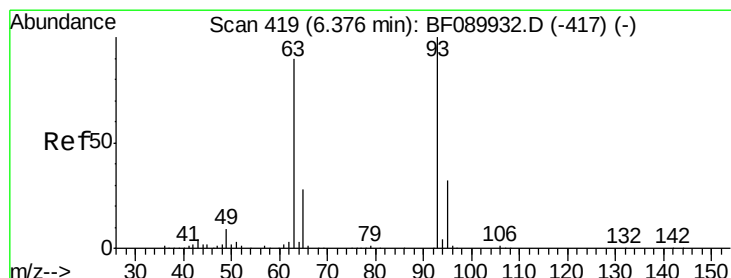
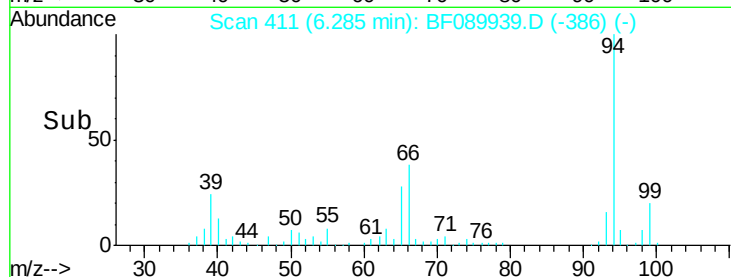
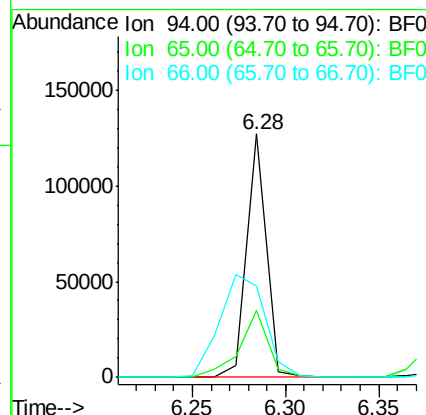
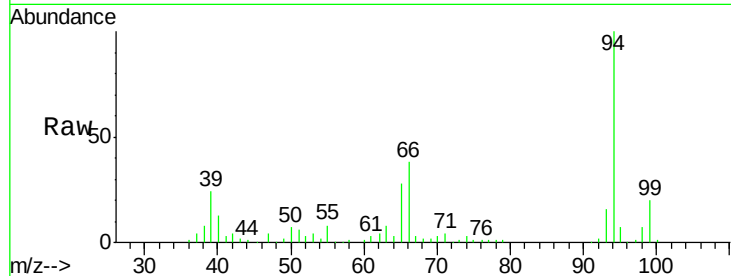
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Phenol
Concen: 4.63 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF089939.D
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ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.5	23.2	63.2
66	37.7	49.2	89.2#

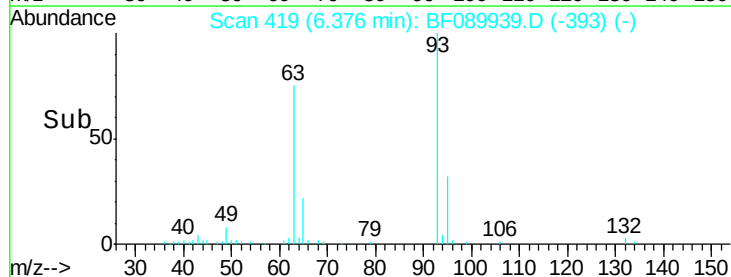
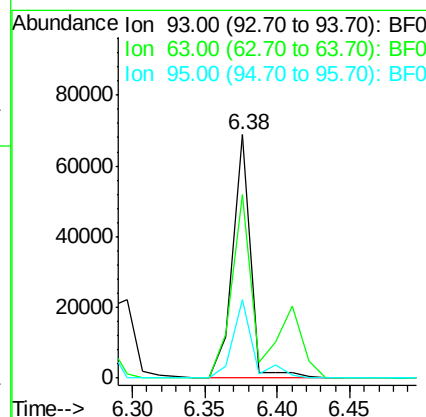
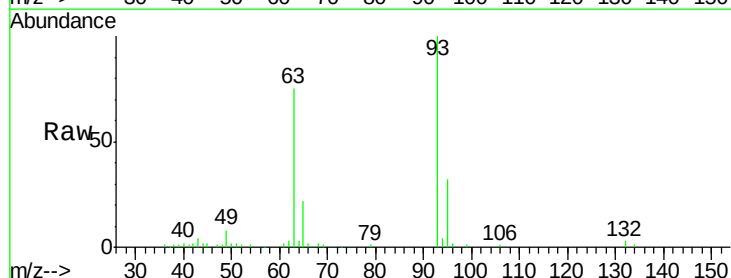
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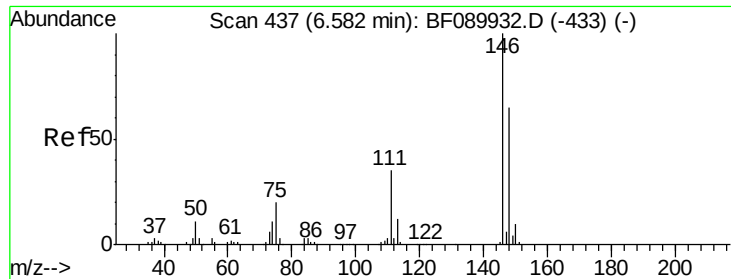
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#11
bis(2-Chloroethyl)ether
Concen: 3.83 ng
RT: 6.38 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.5	71.1	111.1
95	32.4	12.4	52.4





#12

1,3-Dichlorobenzene

Concen: 3.81 ng m

RT: 6.57 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

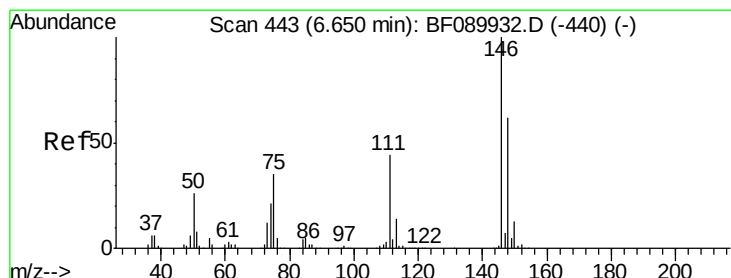
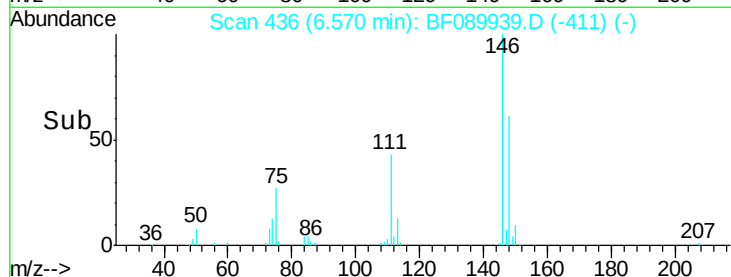
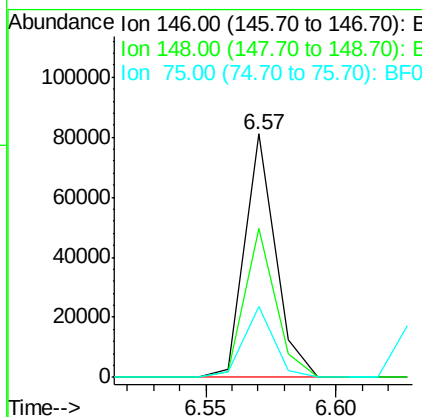
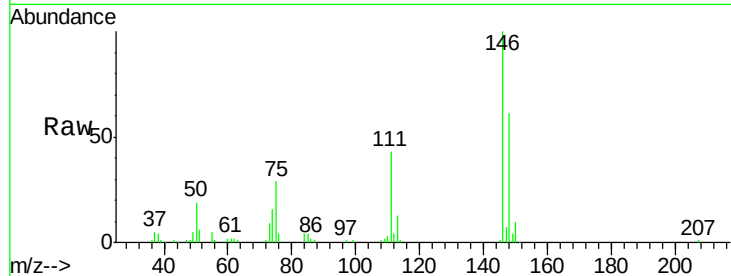
ClientSampled :

PB93146BS

Tgt Ion:	146	Resp:	66159
Ion Ratio	Lower	Upper	
146	100		
148	61.3	52.5	78.7
75	29.3	16.6	24.8#

Manual Integrations
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9/1/2016 11:52:33 AM



#13

1,4-Dichlorobenzene

Concen: 3.69 ng

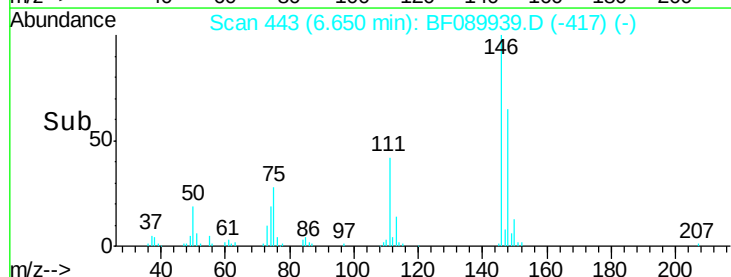
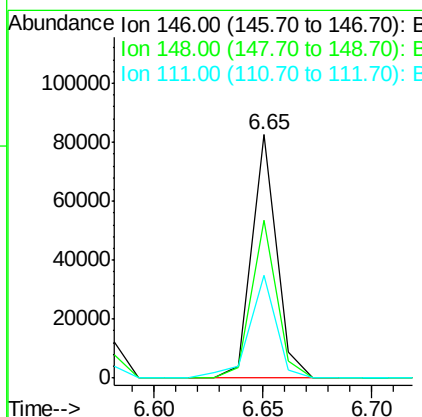
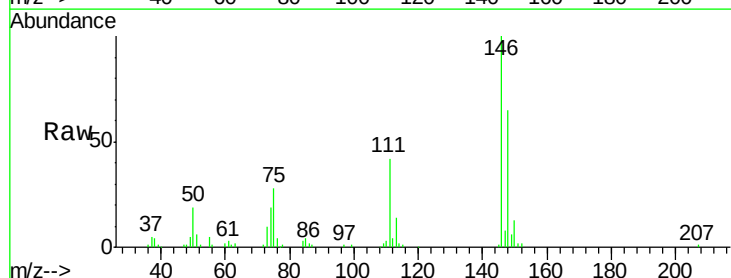
RT: 6.65 min Scan# 443

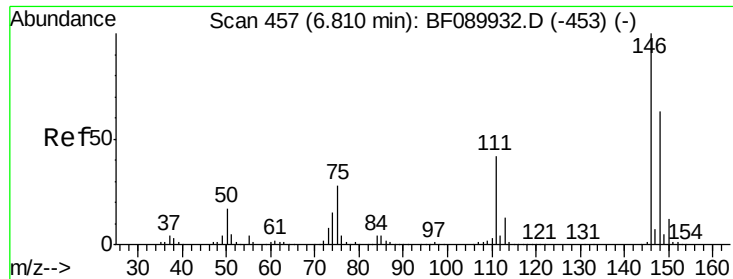
Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Tgt Ion:	146	Resp:	65580
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.1	75.1
111	42.3	35.8	53.6





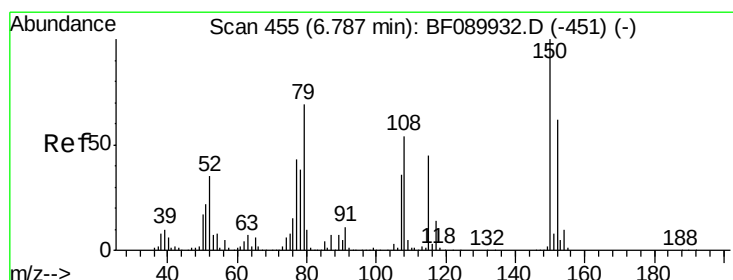
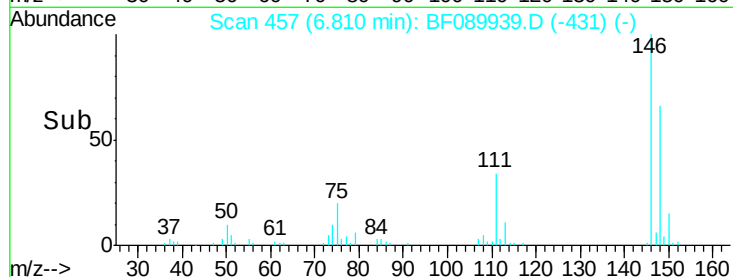
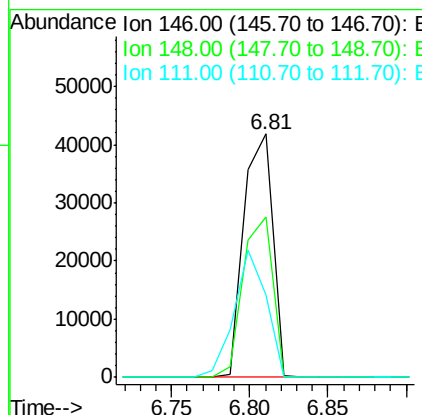
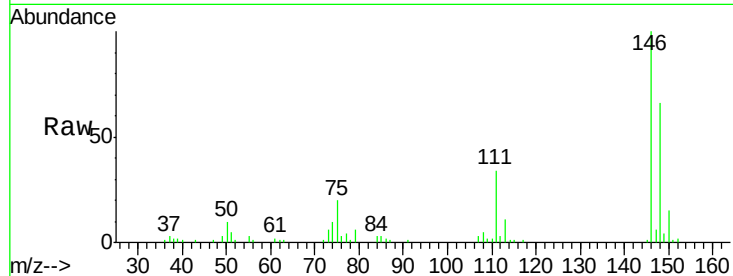
#14
1,2-Dichlorobenzene
Concen: 3.37 ng m
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampled :
PB93146BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.4	77.2
111	33.7	34.6	51.8#

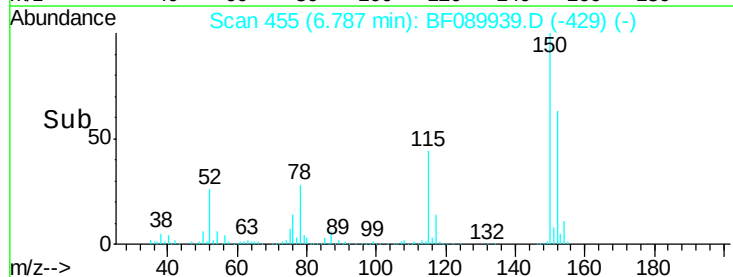
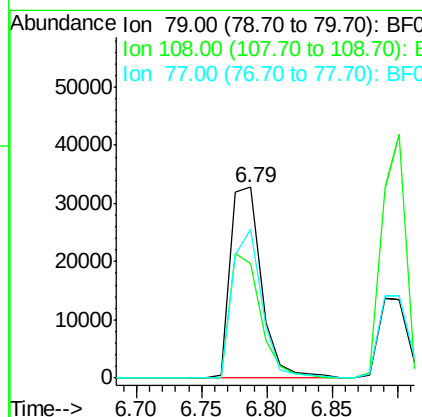
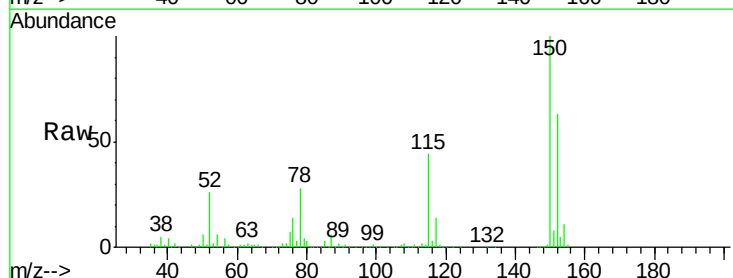
Manual Integrations
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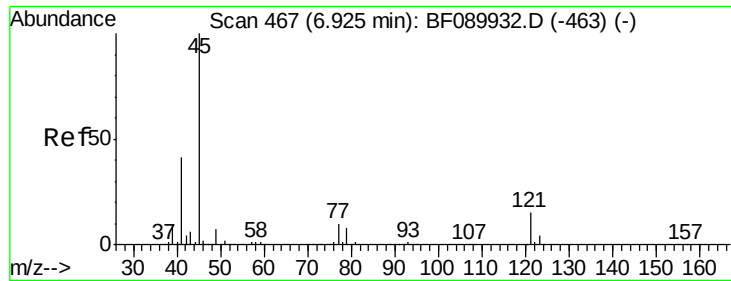
SOHIL
9/1/2016 11:52:33 AM



#15
Benzyl Alcohol
Concen: 4.97 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Lower	Upper
79	100		
108	59.9	62.1	93.1#
77	78.4	50.1	75.1#





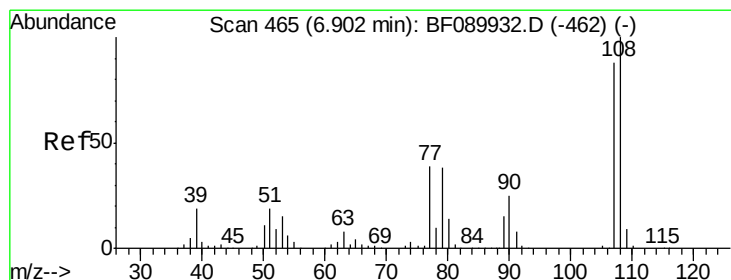
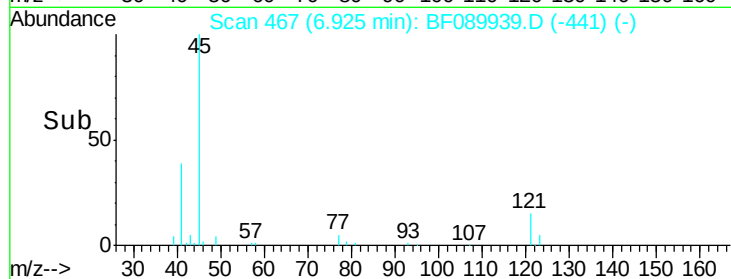
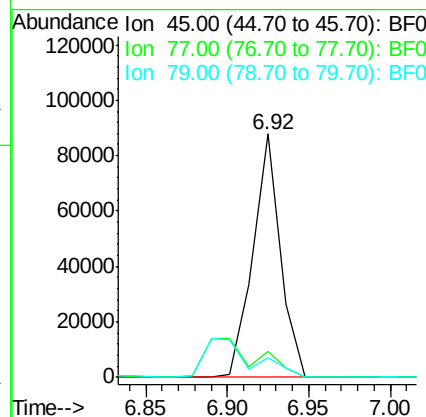
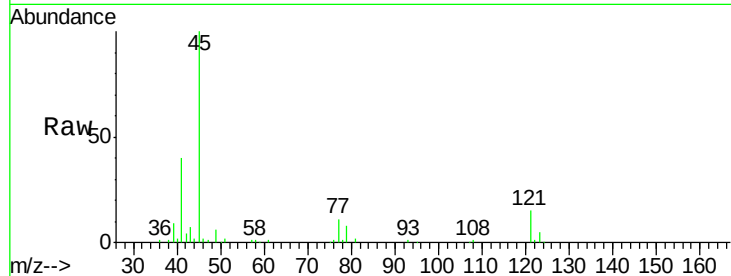
#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.50 ng
RT: 6.92 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
45	100		
77	10.9	0.0	30.3
79	8.0	0.0	27.5

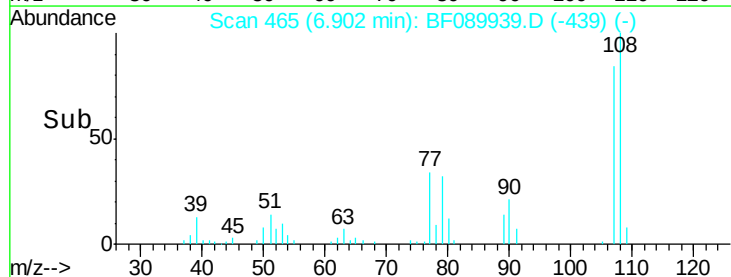
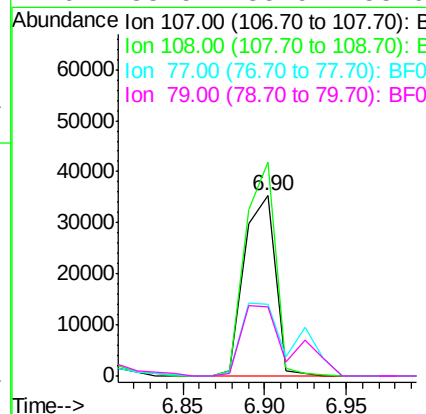
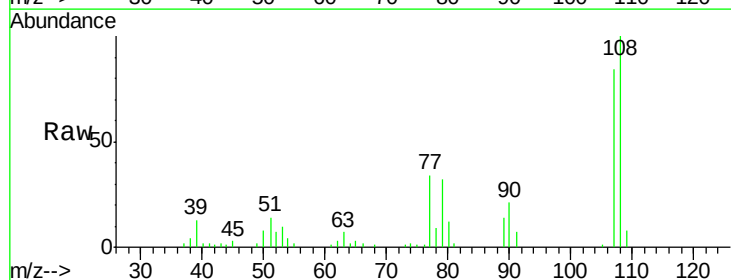
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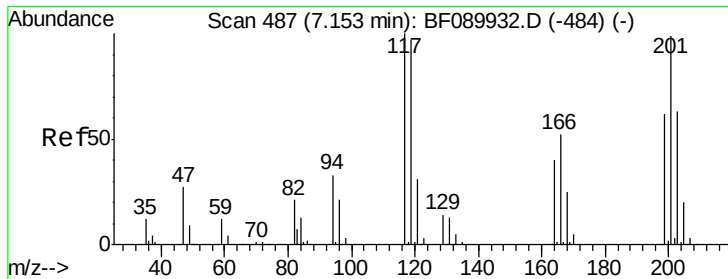
SOHIL
9/1/2016 11:52:33 AM



#17
2-Methylphenol
Concen: 3.71 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	118.7	91.8	137.6
77	40.2	36.0	54.0
79	38.5	35.9	53.9





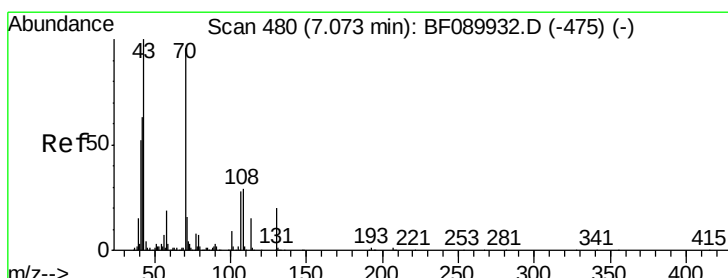
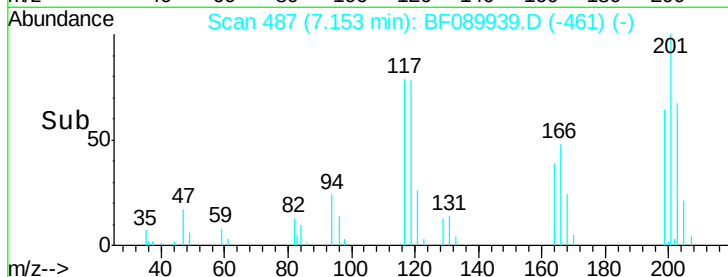
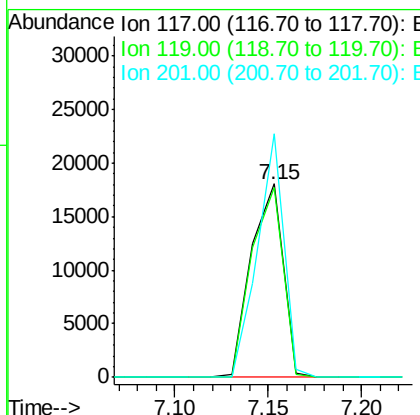
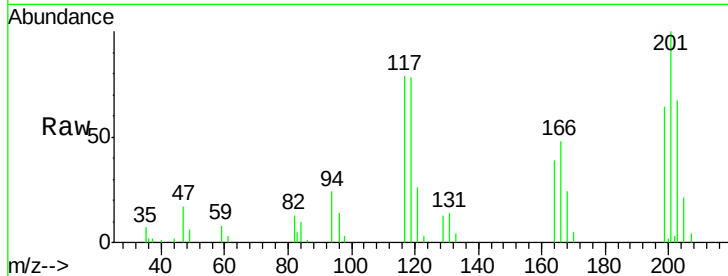
#18
Hexachloroethane
Concen: 3.51 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	21381		
119	97.8	76.2	114.2	
201	125.8	80.2	120.2	#

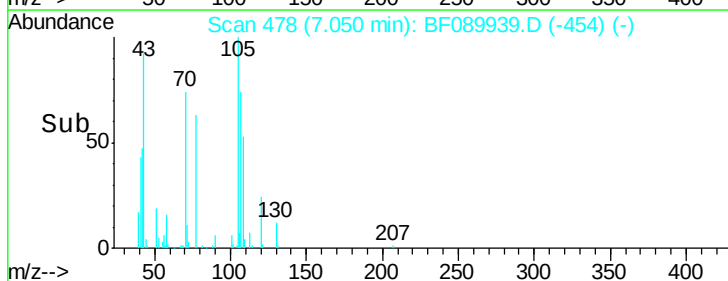
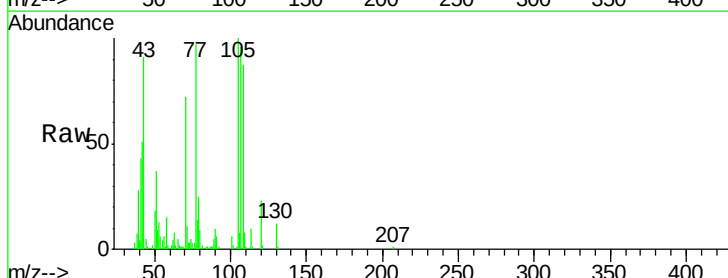
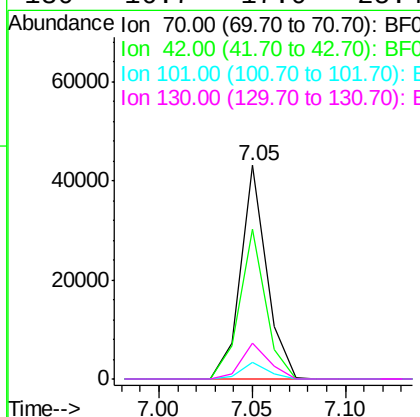
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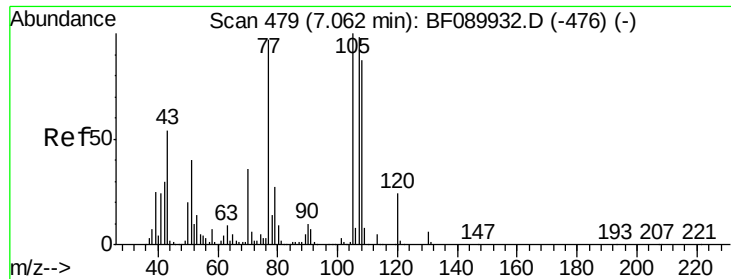
SOHIL
9/1/2016 11:52:33 AM



#19
n-Nitroso-di-n-propylamine
Concen: 3.69 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	41959		
42	70.1	52.1	78.1	
101	8.0	7.4	11.2	
130	16.7	17.0	25.4	#





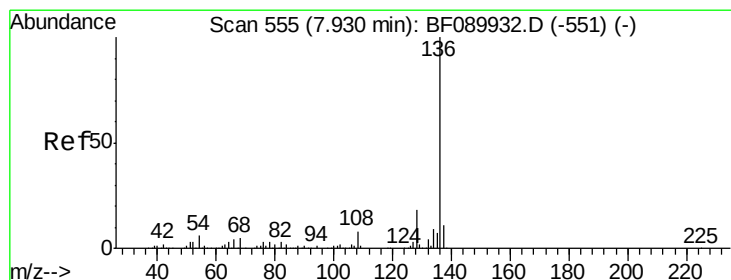
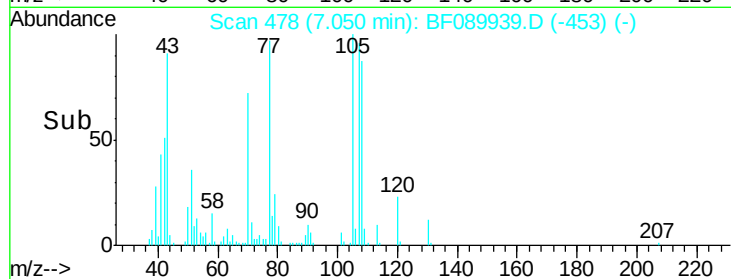
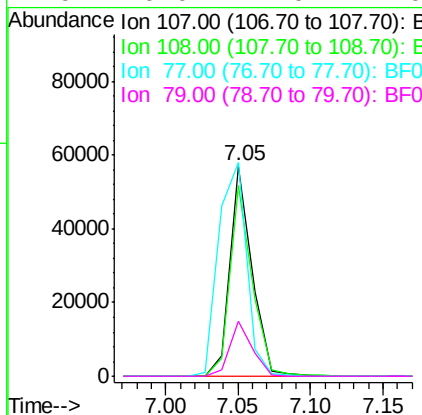
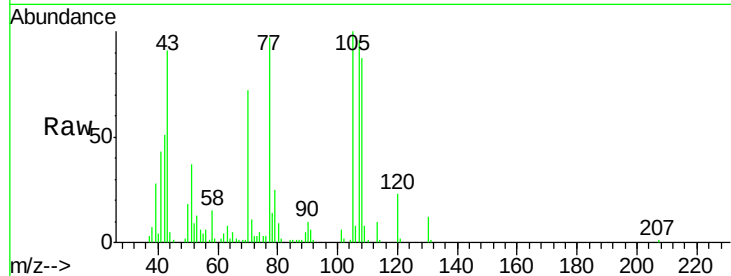
#20
3+4-Methylphenols
Concen: 4.02 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	60599		
108	91.0	70.2	110.2	
77	101.7	75.7	115.7	
79	26.0	7.0	47.0	

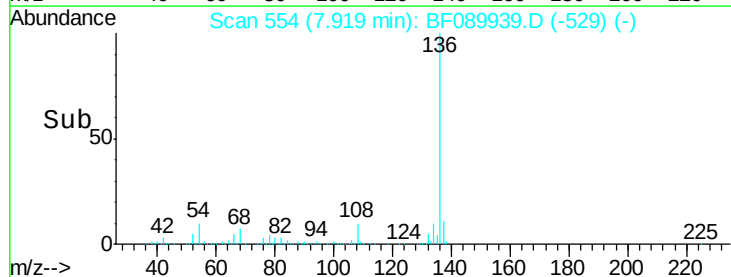
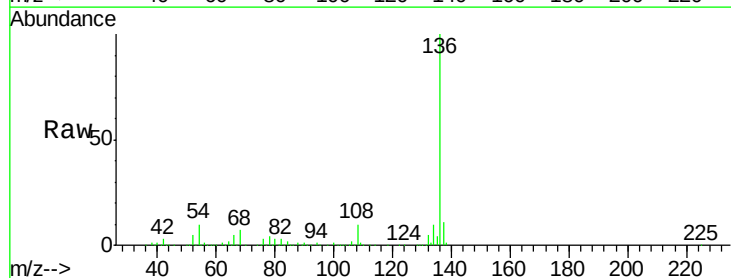
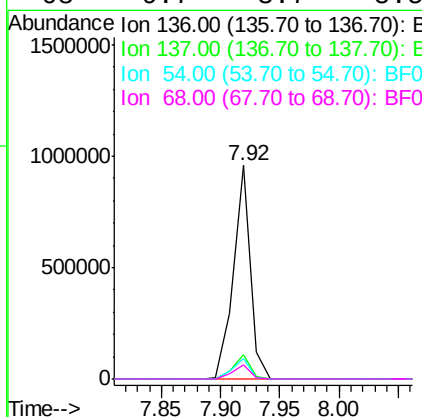
Manual Integrations
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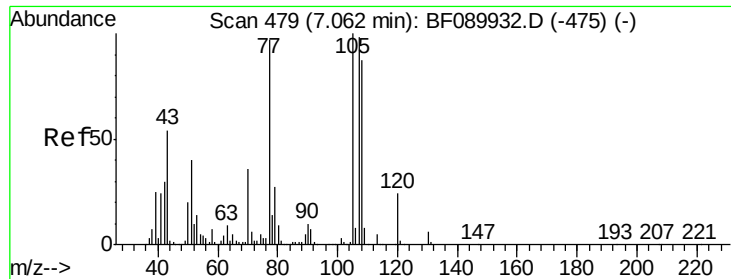
SOHIL
9/1/2016 11:52:33 AM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	947347		
137	11.5	8.3	12.5	
54	9.7	4.8	7.2#	
68	6.7	3.7	5.5#	





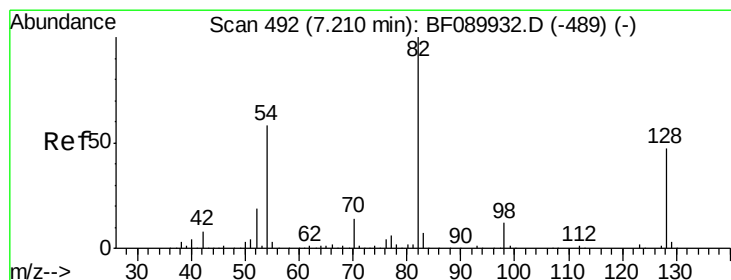
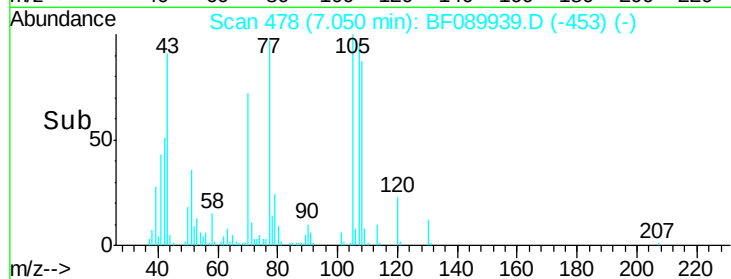
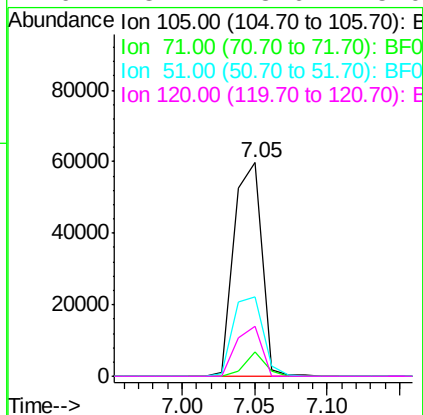
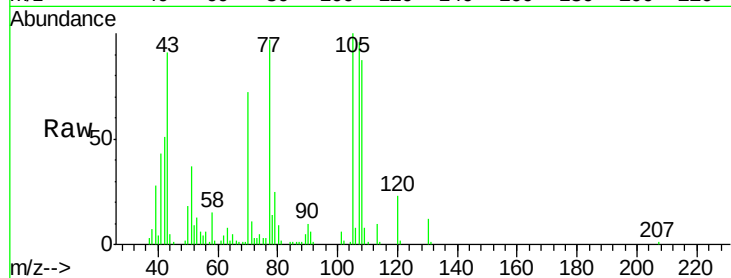
#22
Acetophenone
Concen: 3.73 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	11.5	5.3	7.9#
51	36.9	32.6	48.8
120	23.4	18.6	28.0

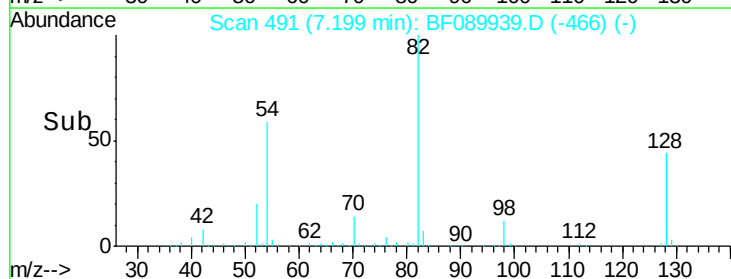
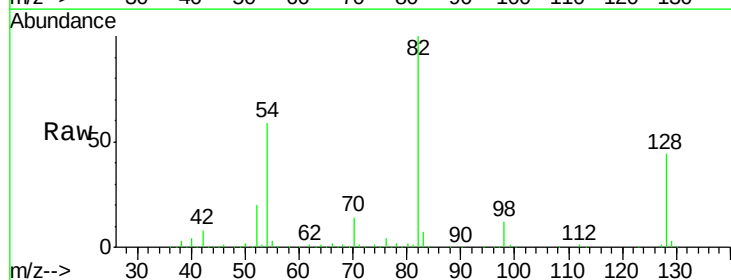
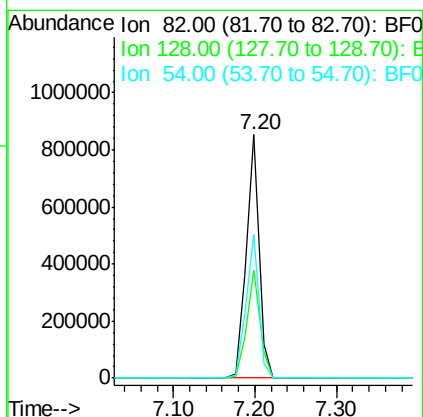
Manual Integrations
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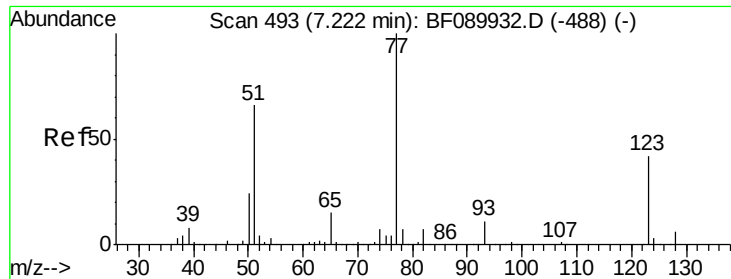
SOHIL
9/1/2016 11:52:33 AM



#23
Nitrobenzene-d5
Concen: 56.80 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	44.4	37.8	56.8
54	59.0	46.9	70.3





#24

Nitrobenzene

Concen: 3.27 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

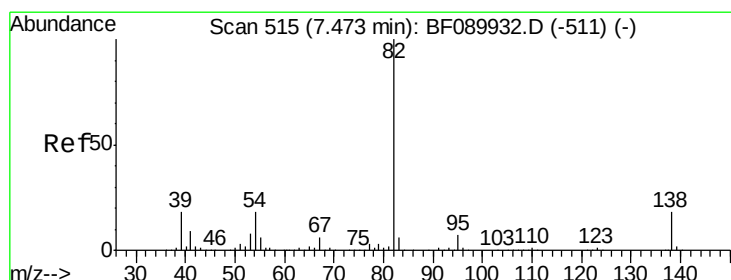
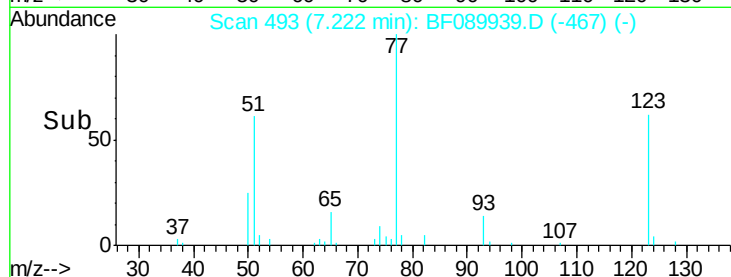
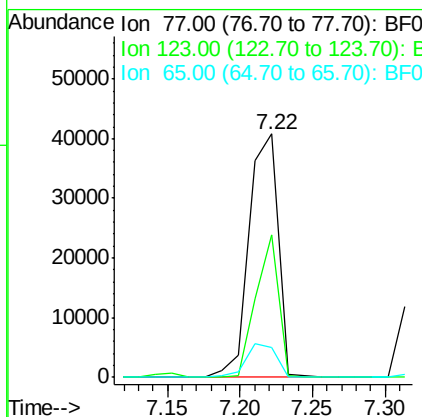
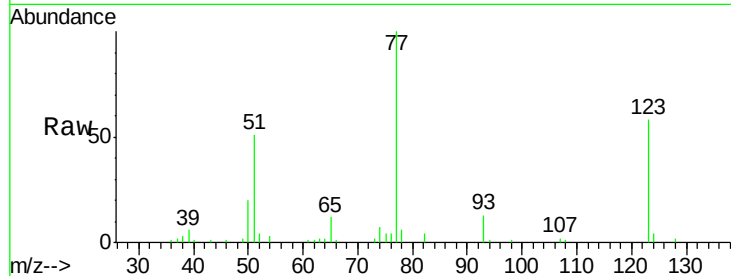
ClientSampleId :

PB93146BS

Tgt Ion:	77	Resp:	56759
Ion Ratio	Lower	Upper	
77	100		
123	58.3	32.0	48.0#
65	12.2	11.2	16.8

Manual Integrations
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SOHIL
9/1/2016 11:52:33 AM



#25

Isophorone

Concen: 3.33 ng

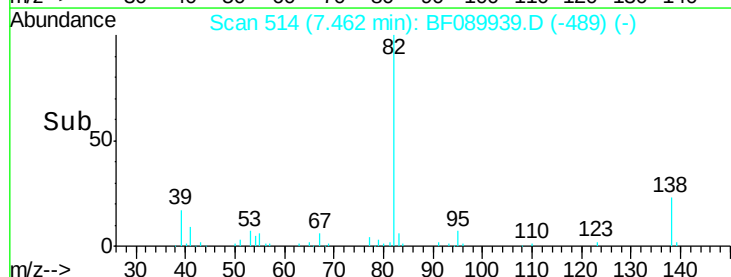
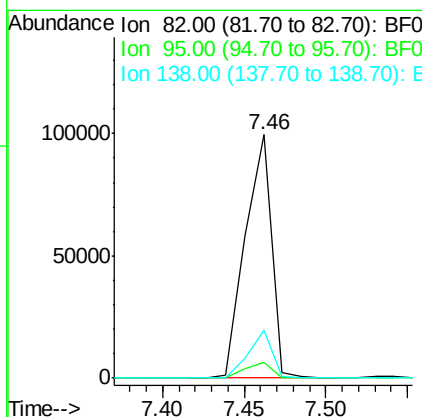
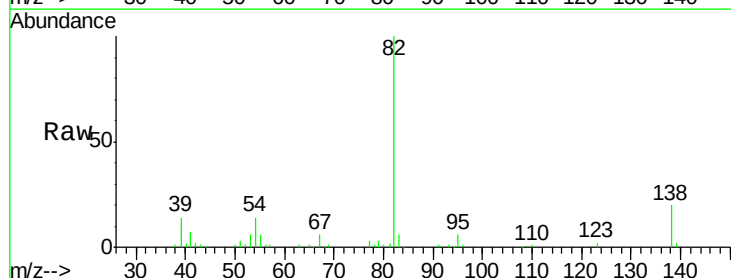
RT: 7.46 min Scan# 514

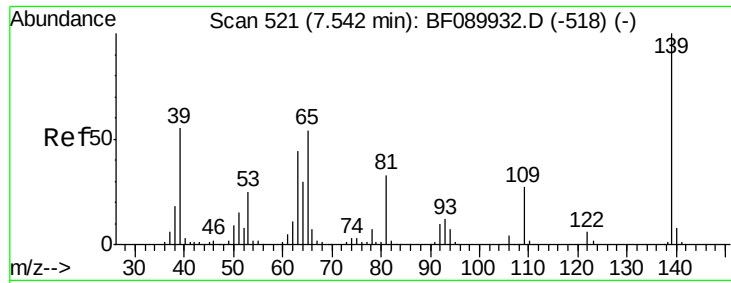
Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Tgt Ion:	82	Resp:	110706
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.5	8.3
138	19.7	14.4	21.6





#26

2-Nitrophenol

Concen: 2.93 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

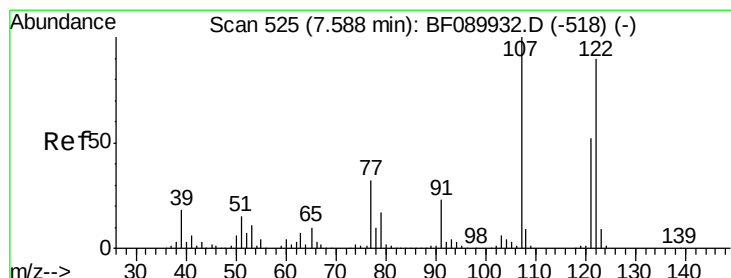
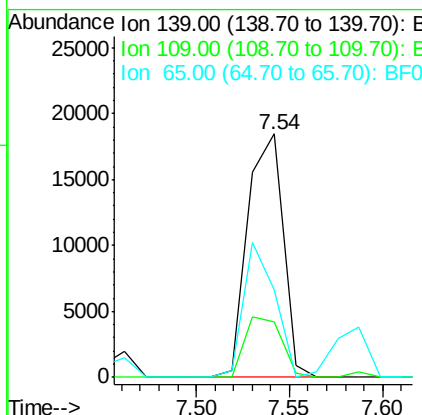
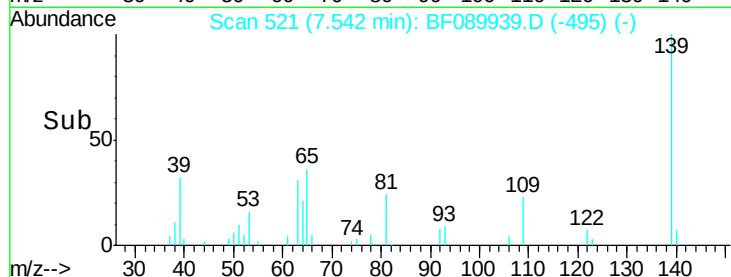
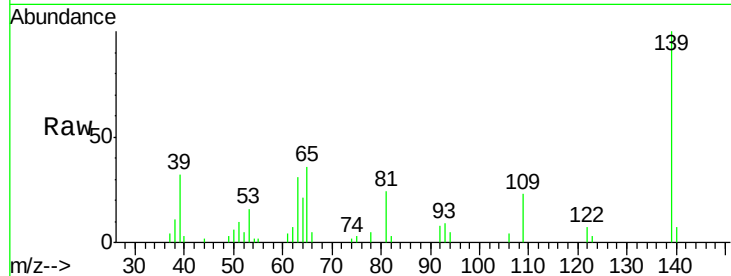
ClientSampleId :

PB93146BS

Tgt Ion:	139	Resp:	24355
Ion Ratio	Lower	Upper	
139	100		
109	22.7	21.0	31.4
65	35.9	43.4	65.0#

Manual Integrations
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SOHIL
9/1/2016 11:52:33 AM



#27

2,4-Dimethylphenol

Concen: 3.65 ng

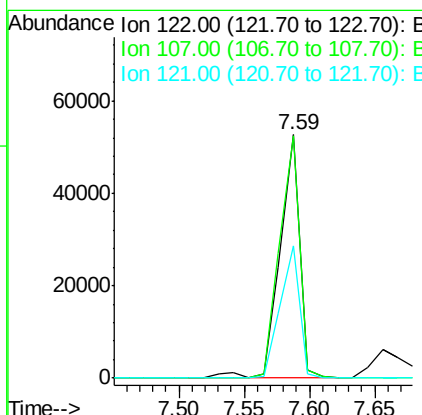
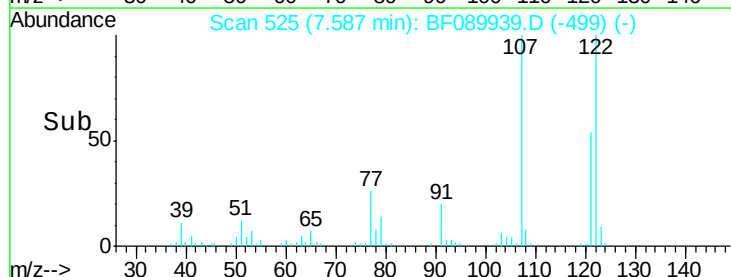
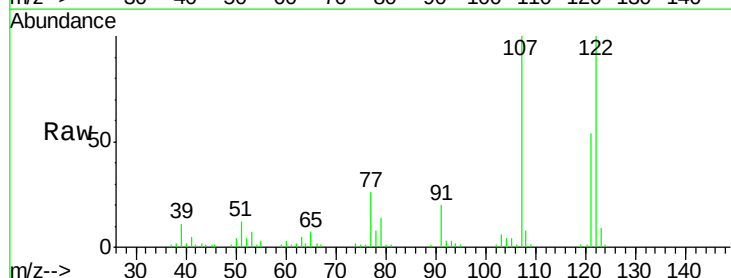
RT: 7.59 min Scan# 525

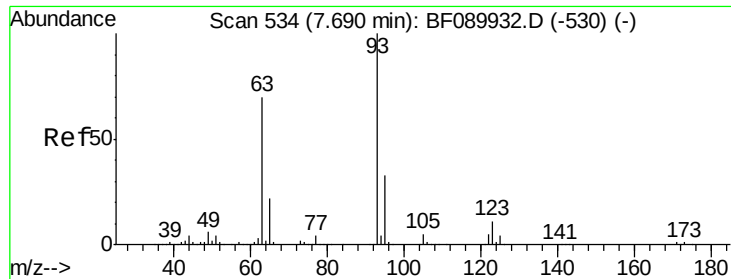
Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Tgt Ion:	122	Resp:	56077
Ion Ratio	Lower	Upper	
122	100		
107	99.8	88.5	132.7
121	54.1	46.0	69.0





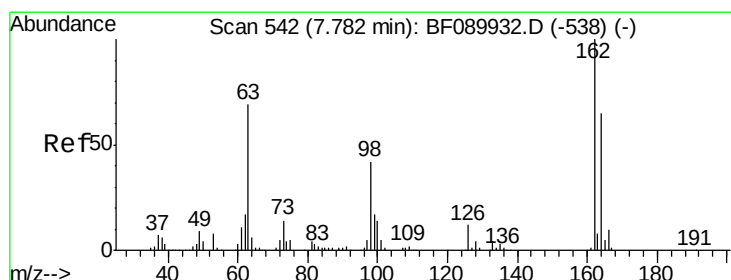
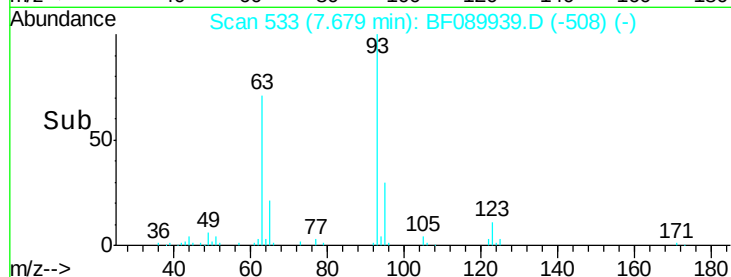
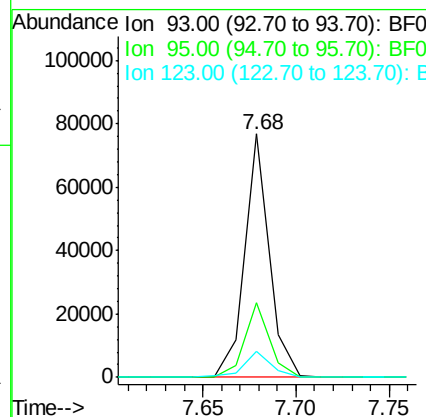
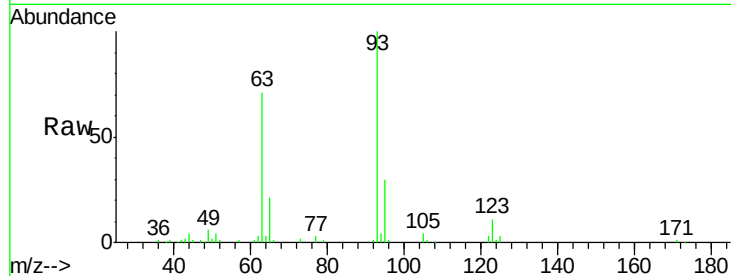
#28
bis(2-Chloroethoxy)methane
Concen: 3.51 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	30.4	26.6	40.0
123	10.5	9.1	13.7

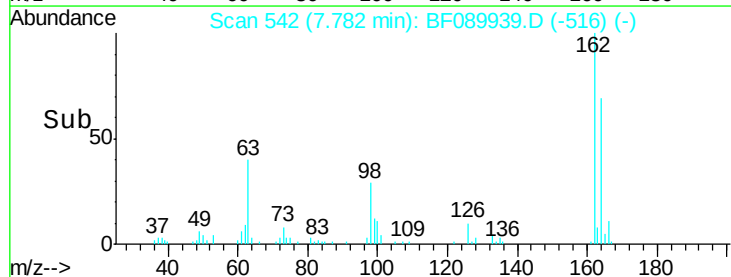
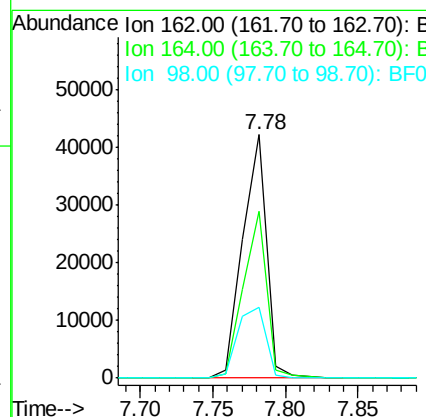
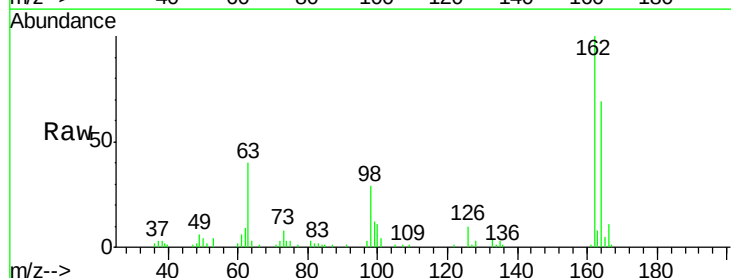
Manual Integrations
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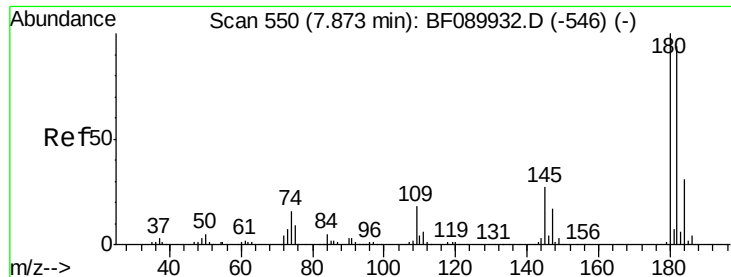
SOHIL
9/1/2016 11:52:33 AM



#29
2,4-Dichlorophenol
Concen: 3.51 ng
RT: 7.78 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	68.6	46.6	86.6
98	29.2	22.0	62.0





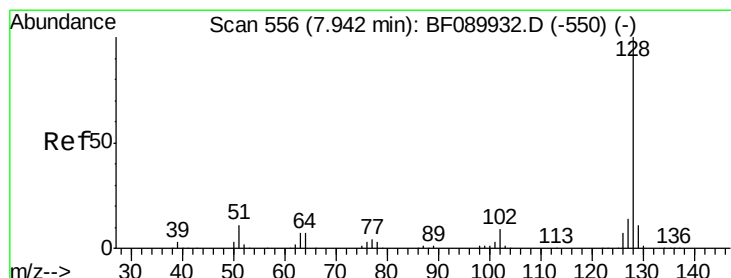
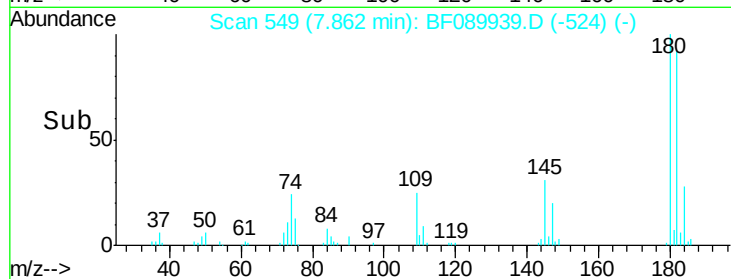
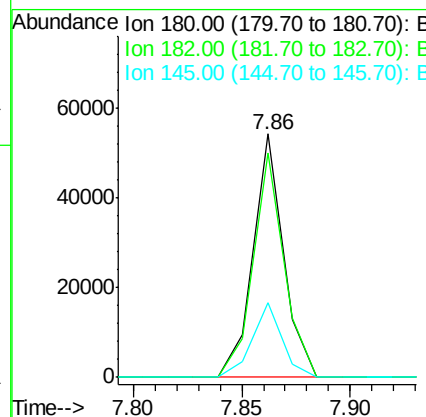
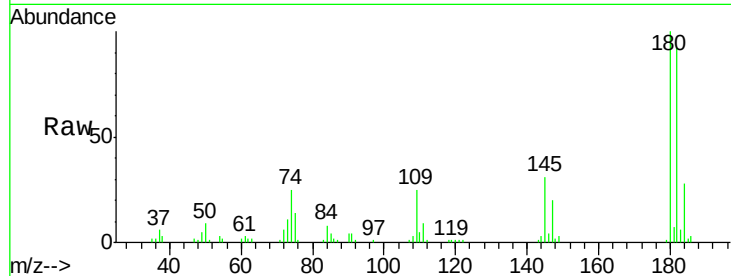
#30
 1,2,4-Trichlorobenzene
 Concen: 3.50 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	52644		
182	92.3	76.2	114.2	
145	30.5	22.2	33.4	

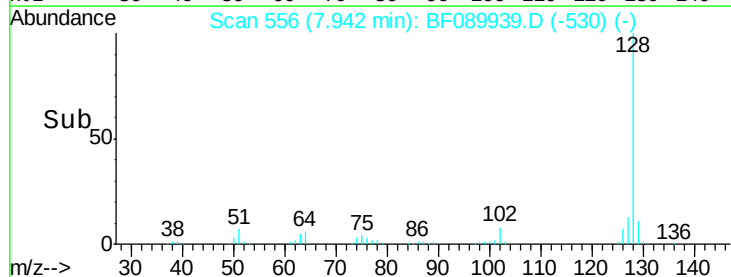
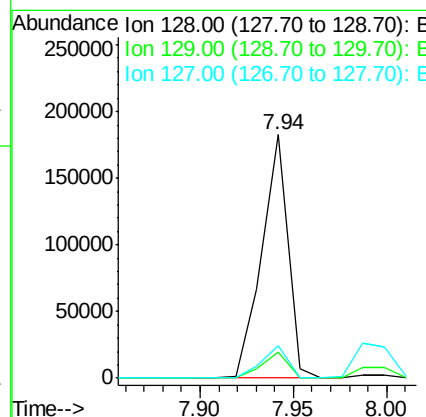
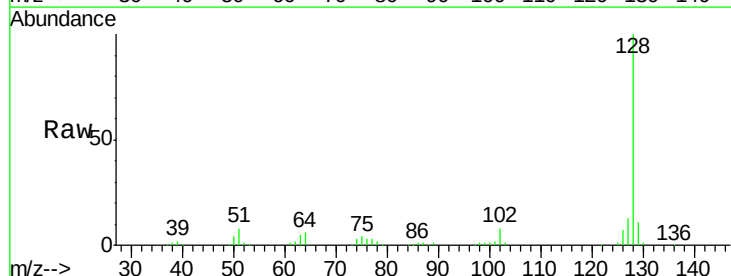
Manual Integrations
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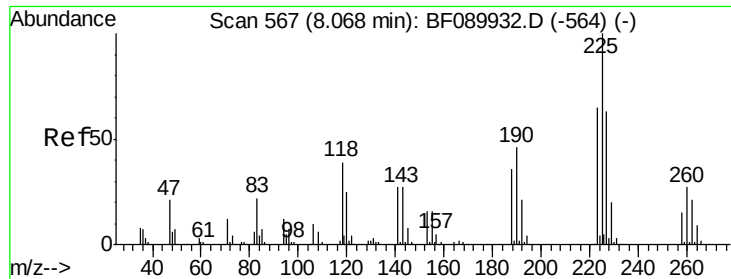
SOHIL
 9/1/2016 11:52:33 AM



#31
 Naphthalene
 Concen: 3.75 ng
 RT: 7.94 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	176950		
129	10.7	9.4	14.0	
127	13.1	10.7	16.1	





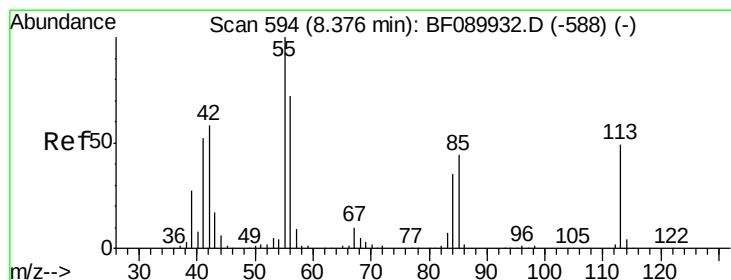
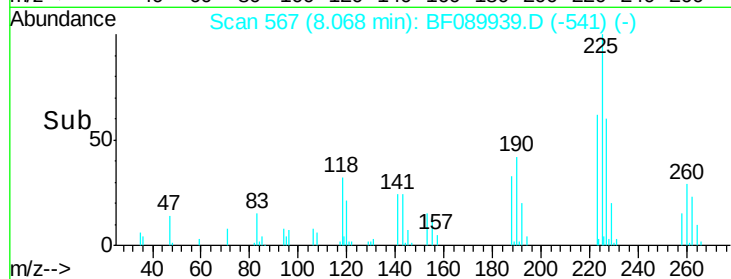
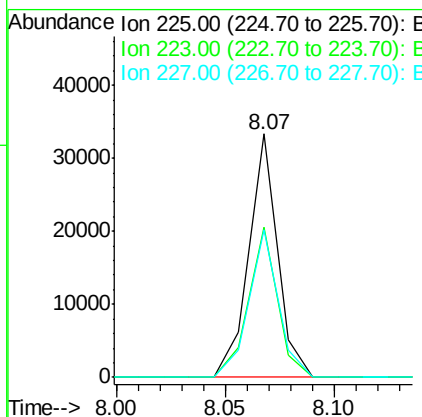
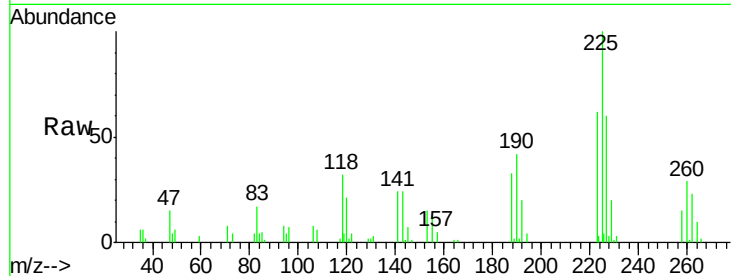
#34
Hexachlorobutadiene
Concen: 3.47 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	52.6	78.8
227	60.4	50.8	76.2

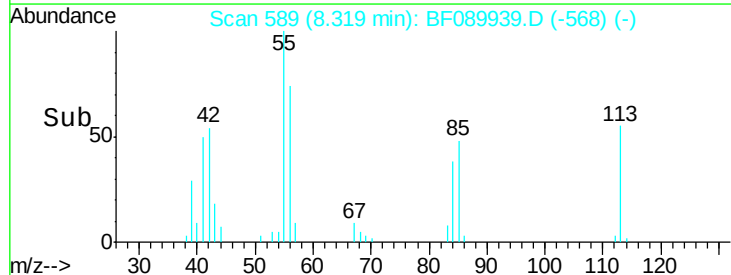
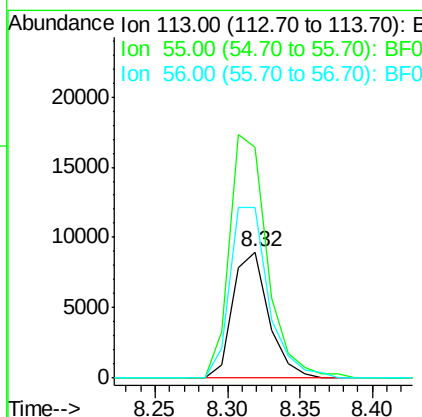
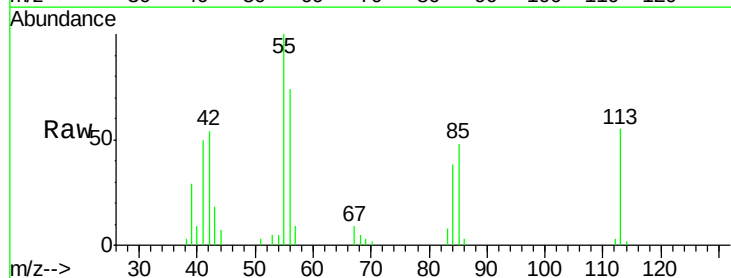
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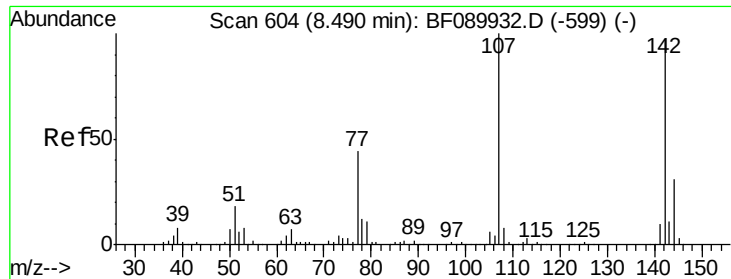
SOHIL
9/1/2016 11:52:33 AM



#35
Caprolactam
Concen: 3.55 ng
RT: 8.32 min Scan# 589
Delta R.T. -0.06 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Lower	Upper
113	100		
55	182.6	178.5	218.5
56	135.2	122.7	162.7





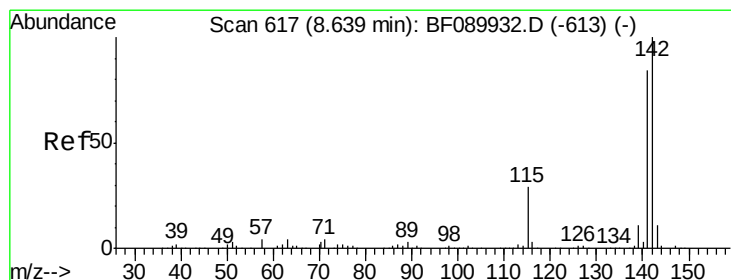
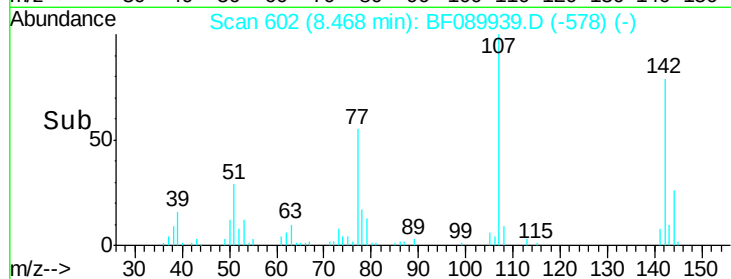
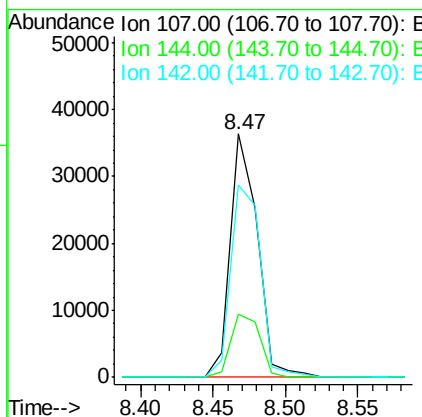
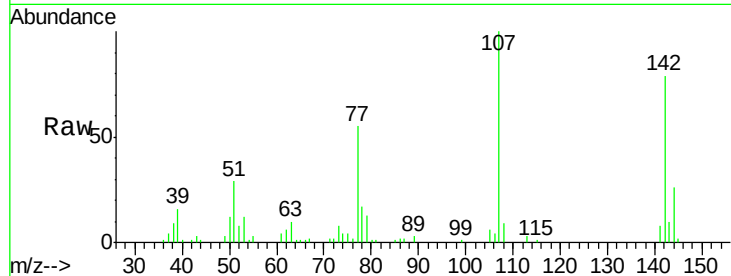
#36
 4-Chloro-3-methylphenol
 Concen: 3.24 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	47182		
144	25.7	25.8	38.8#	
142	78.8	79.2	118.8#	

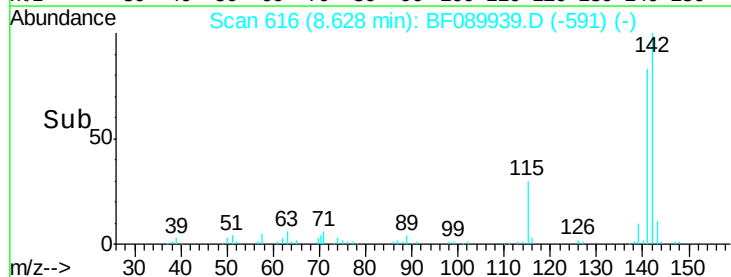
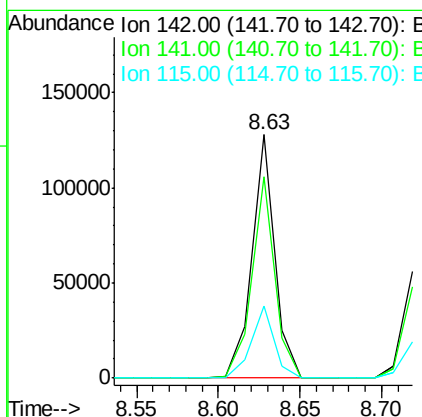
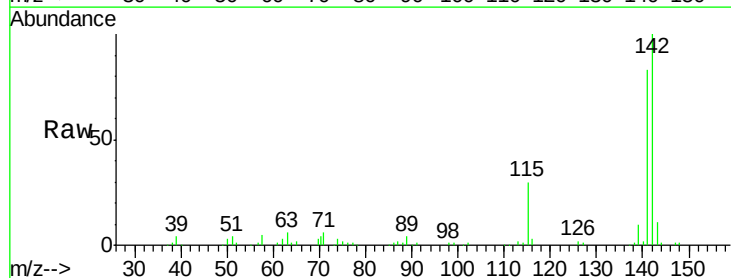
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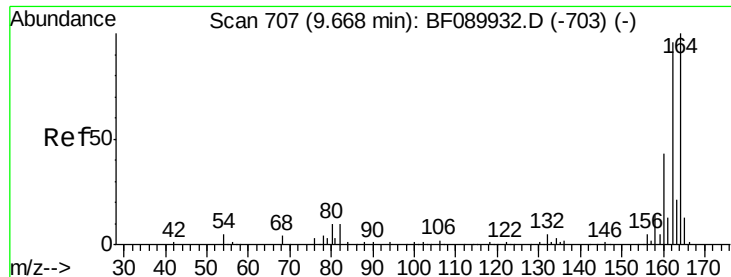
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#37
 2-Methylnaphthalene
 Concen: 3.98 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	124073		
141	82.6	68.3	102.5	
115	29.7	23.8	35.8	





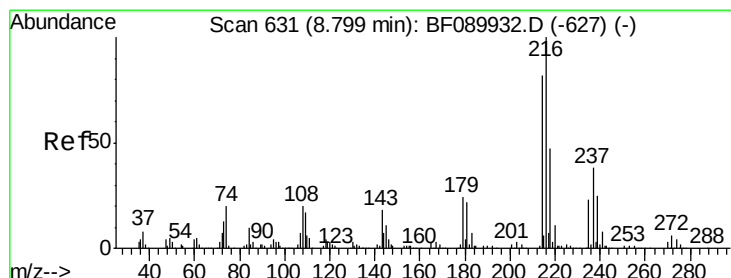
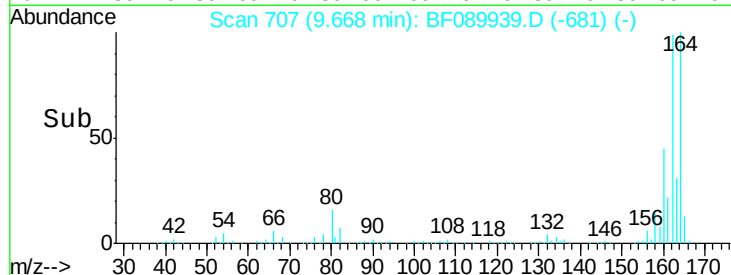
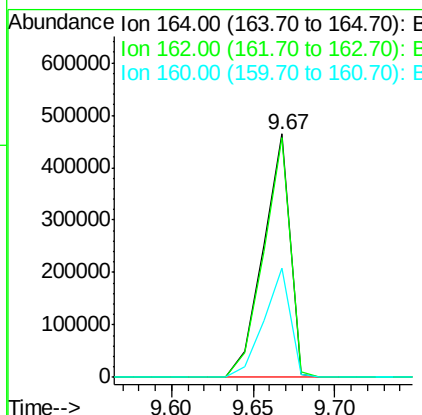
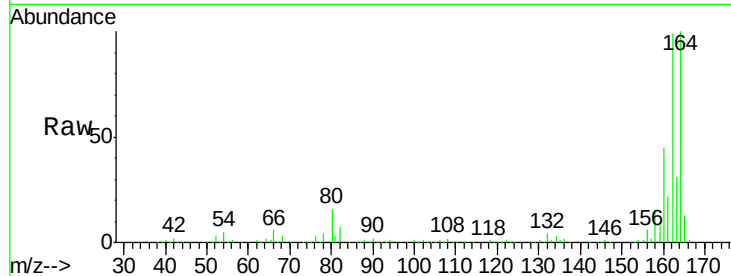
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	77.1	115.7
160	45.0	35.3	52.9

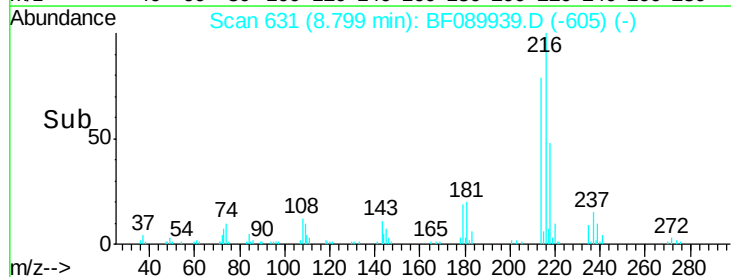
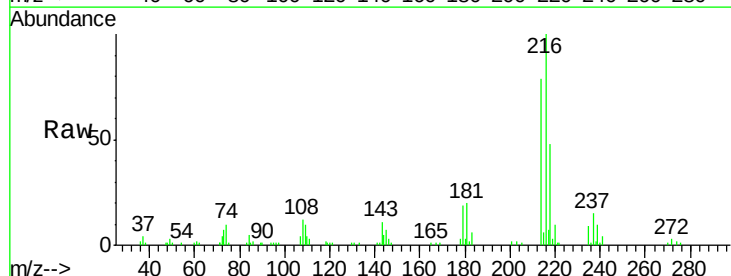
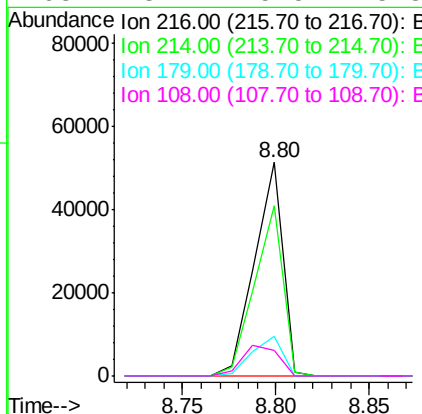
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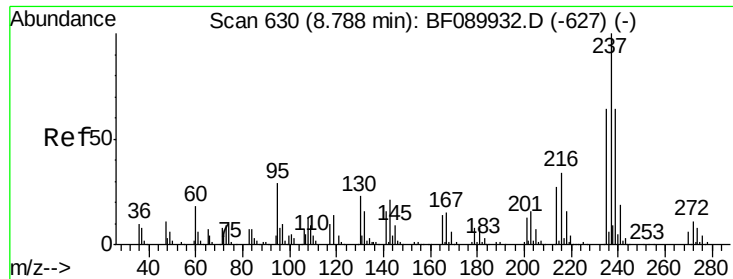
SOHIL
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.55 ng
RT: 8.80 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.2
179	20.2	17.3	25.9
108	18.4	15.5	23.3





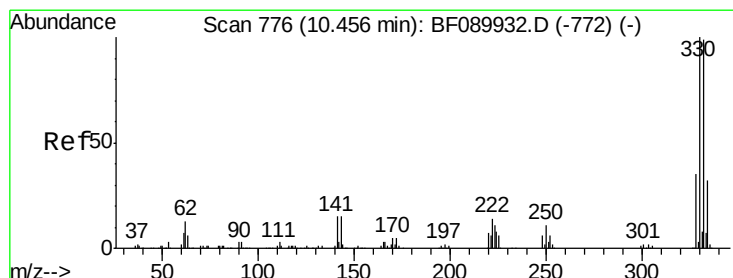
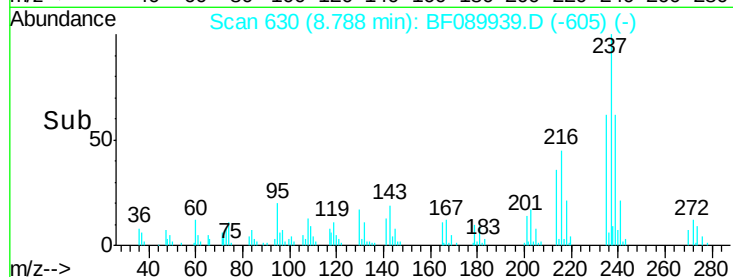
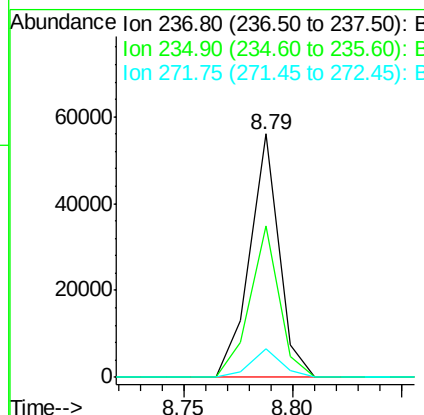
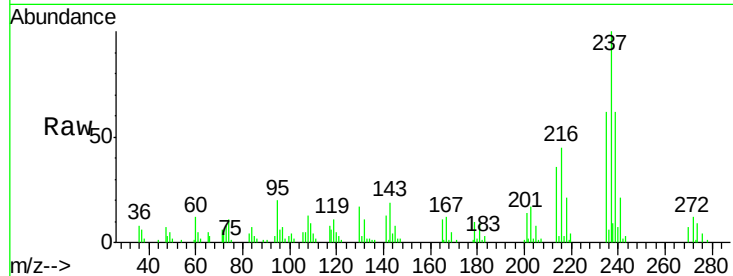
#40
Hexachlorocyclopentadiene
Concen: 6.62 ng
RT: 8.79 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.4	39.6	79.6
272	11.6	0.0	34.6

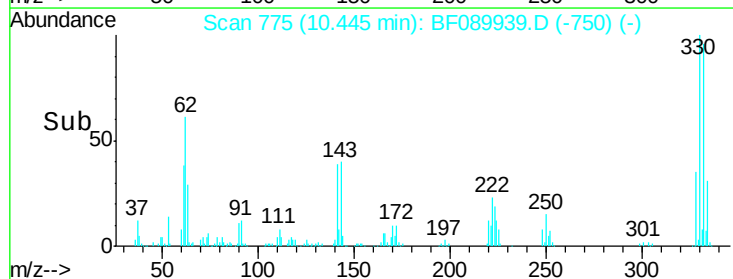
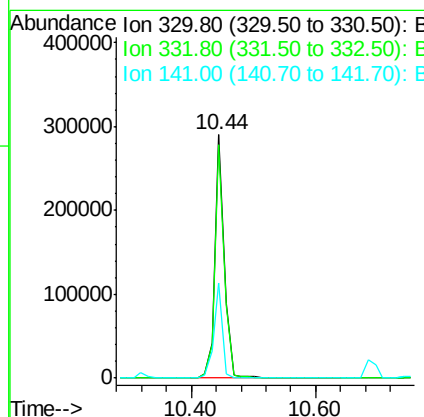
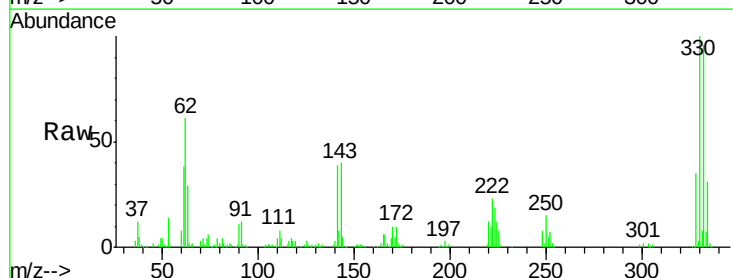
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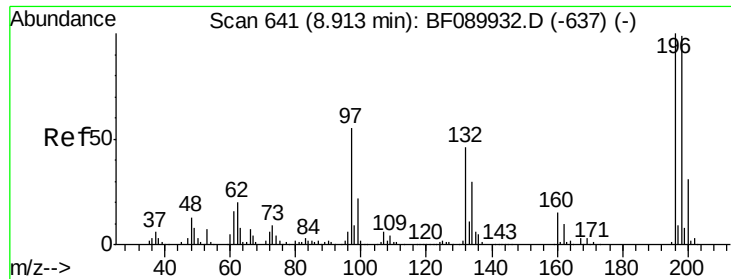
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#41
2,4,6-Tribromophenol
Concen: 57.76 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.1	78.6	117.8
141	36.0	23.3	34.9#





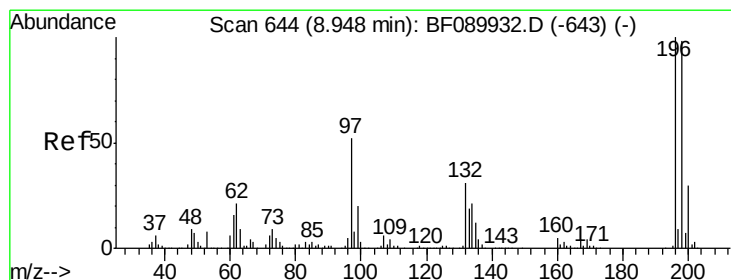
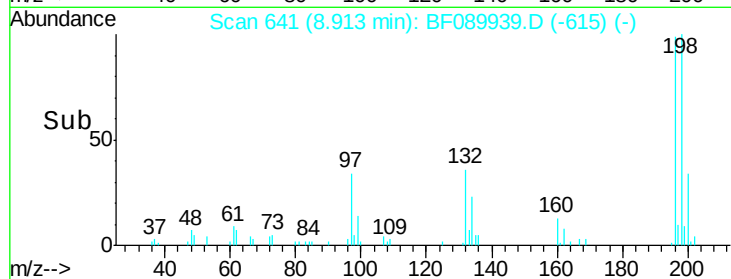
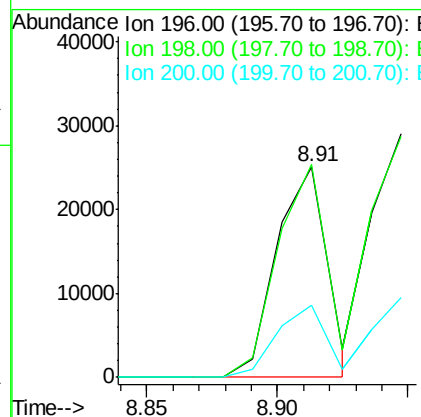
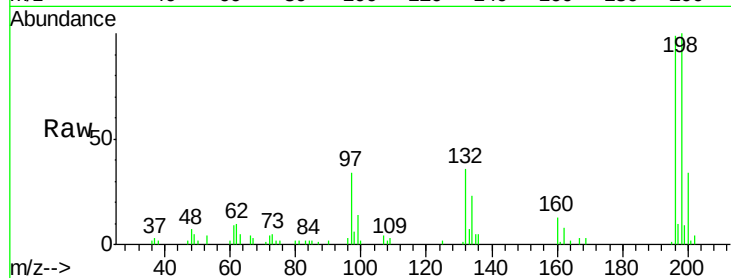
#42
 2,4,6-Trichlorophenol
 Concen: 3.15 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	33801		
198	100.7	78.3	117.5	
200	34.2	24.8	37.2	

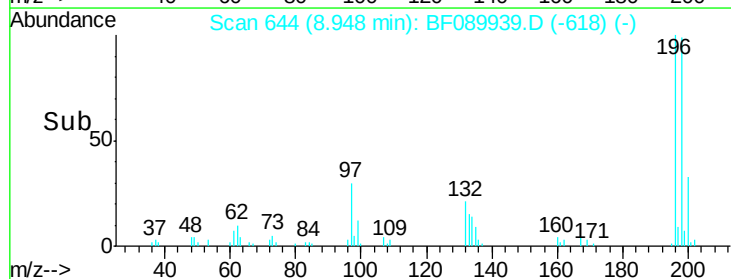
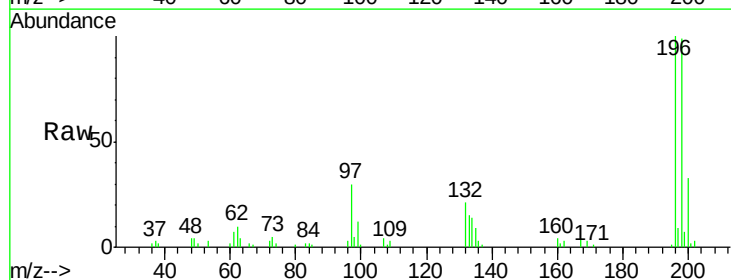
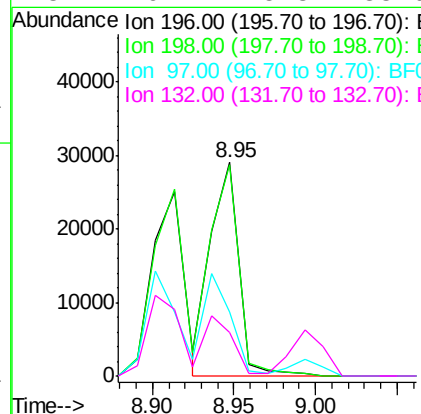
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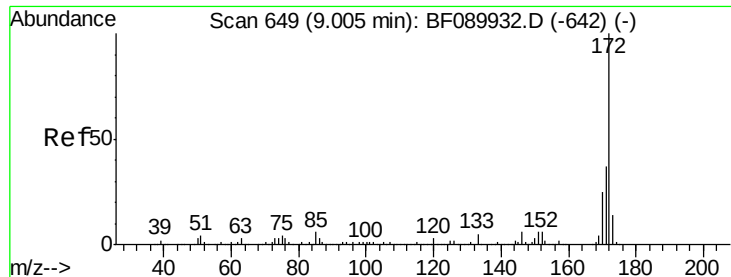
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 9/1/2016 11:52:33 AM



#43
 2,4,5-Trichlorophenol
 Concen: 3.44 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	35572		
198	98.8	80.8	121.2	
97	30.0	44.2	66.4#	
132	20.7	25.8	38.6#	





#44

2-Fluorobiphenyl

Concen: 61.88 ng

RT: 8.99 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

Tgt Ion:172 Resp: 1995161

Ion Ratio Lower Upper

172 100

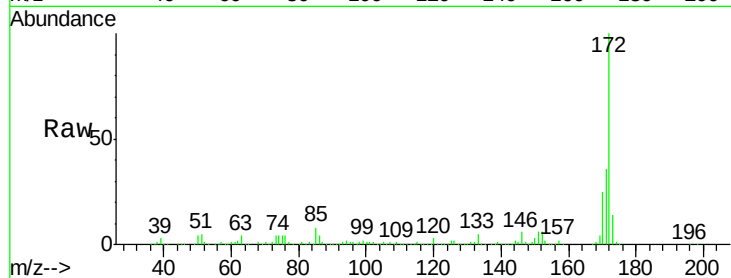
171 36.1 29.4 44.2

170 24.8 20.1 30.1

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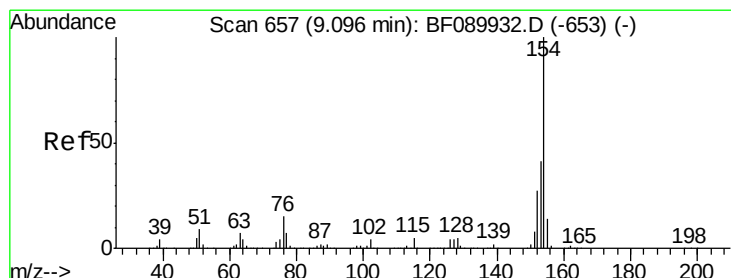
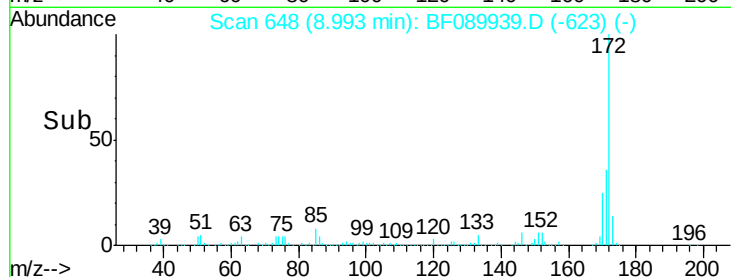
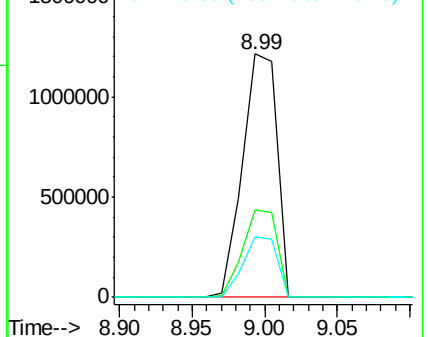
9/1/2016 11:52:33 AM



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 3.63 ng

RT: 9.10 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

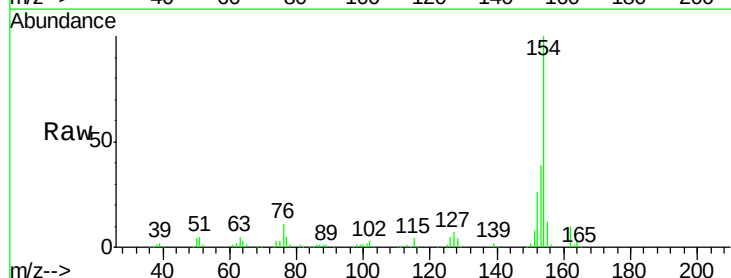
Tgt Ion:154 Resp: 154797

Ion Ratio Lower Upper

154 100

153 39.5 20.6 60.6

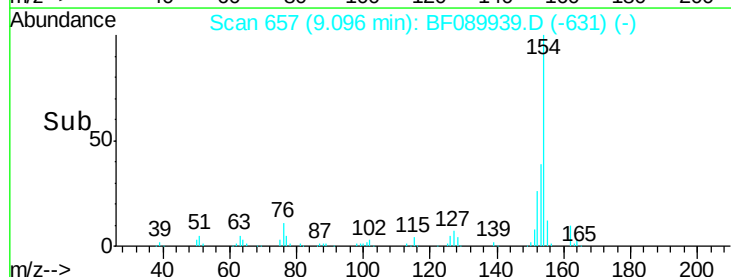
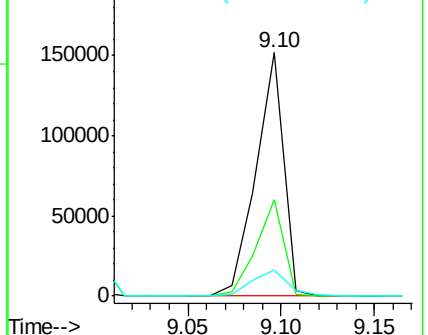
76 10.5 0.0 34.9

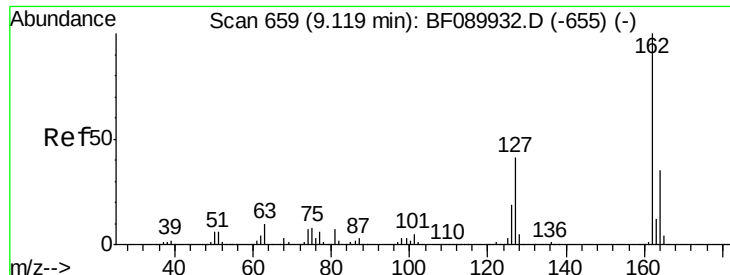


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





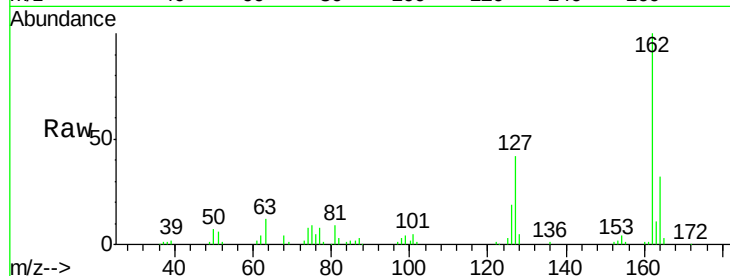
#46
2-Chloronaphthalene
Concen: 3.56 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

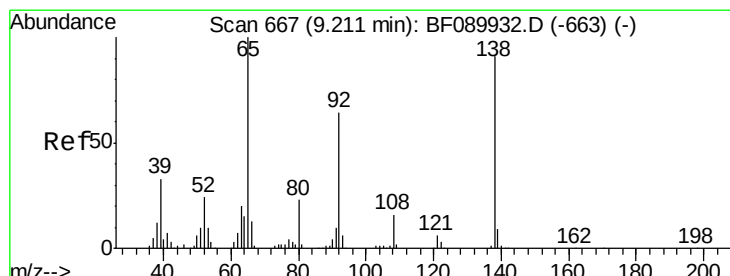
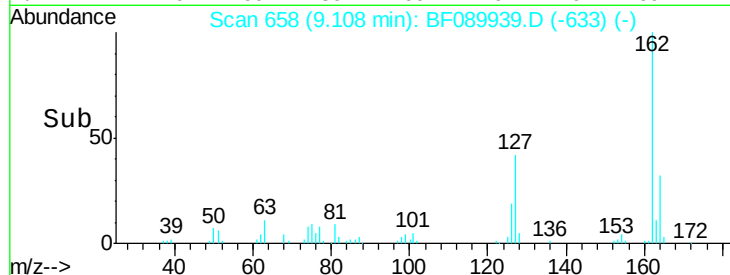
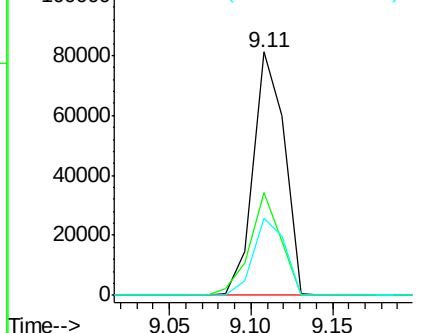
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	107351		
127	42.1	33.5	50.3	
164	31.9	28.2	42.4	

Manual Integrations
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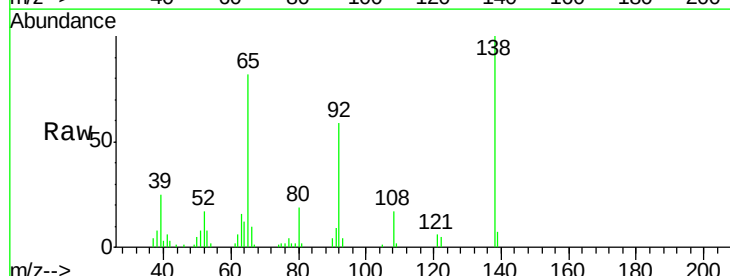


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

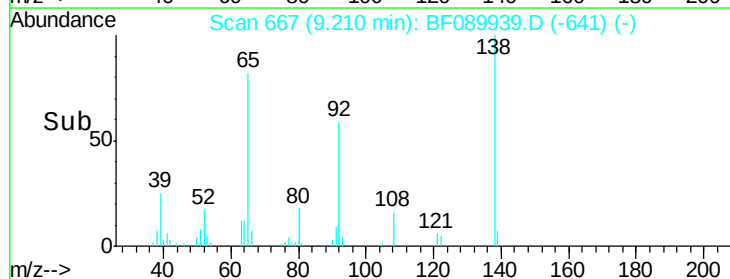
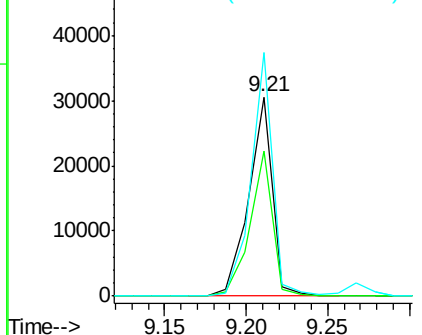


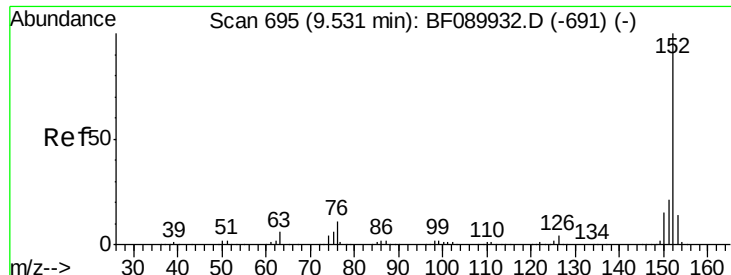
#47
2-Nitroaniline
Concen: 3.10 ng
RT: 9.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	30591		
92	72.6	52.0	78.0	
138	122.2	72.1	108.1#	



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





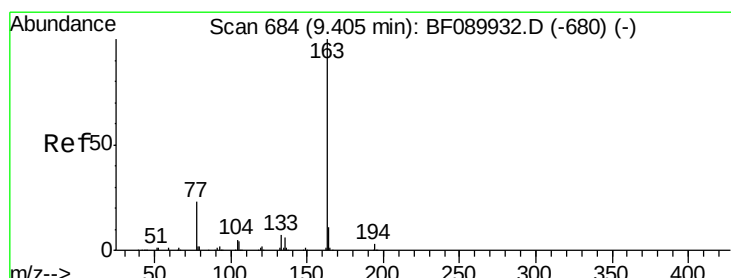
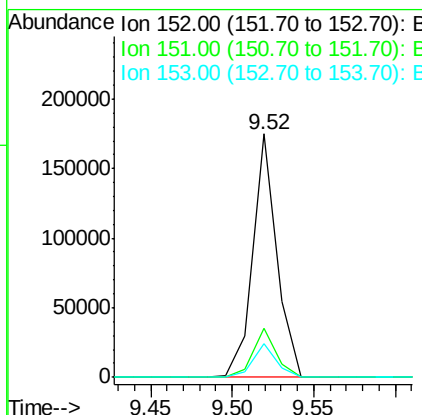
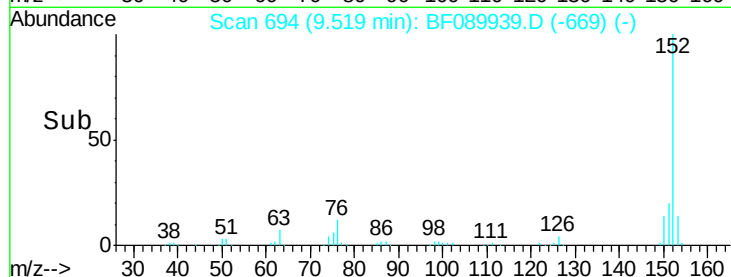
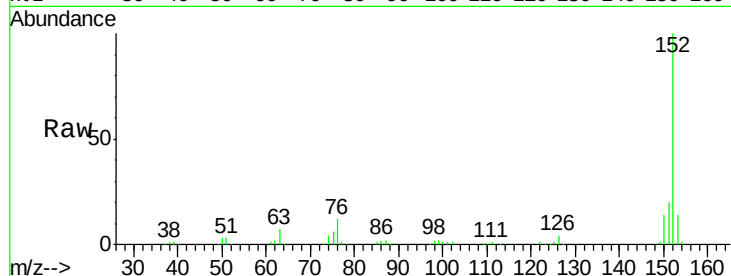
#48
Acenaphthylene
Concen: 3.59 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion:	152	Resp:	179171
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.7	25.1
153	13.8	11.6	17.4

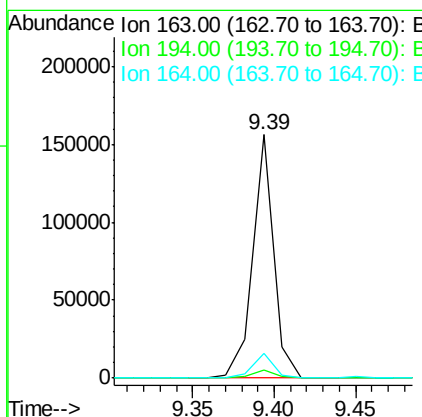
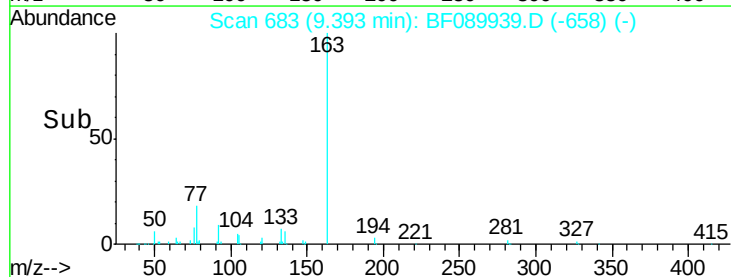
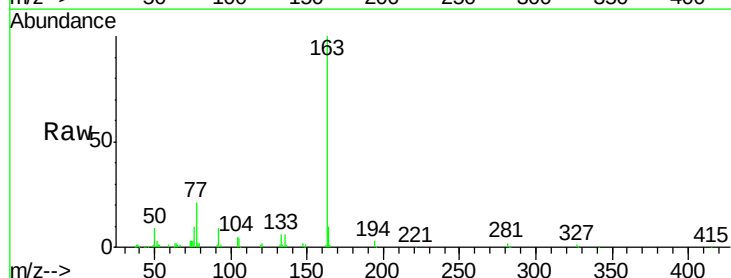
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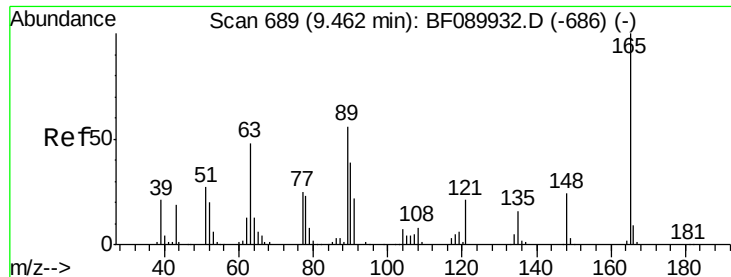
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#49
Dimethylphthalate
Concen: 3.65 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion:	163	Resp:	139584
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.7	4.1
164	10.3	9.0	13.4





#50

2,6-Dinitrotoluene

Concen: 3.47 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

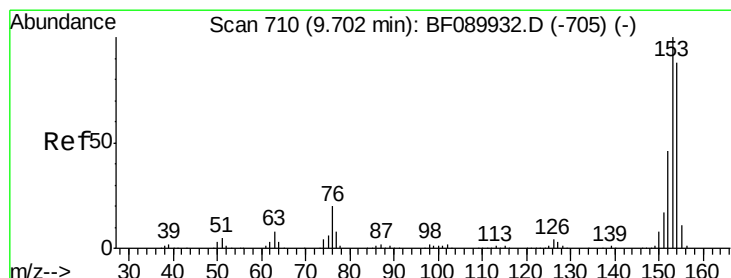
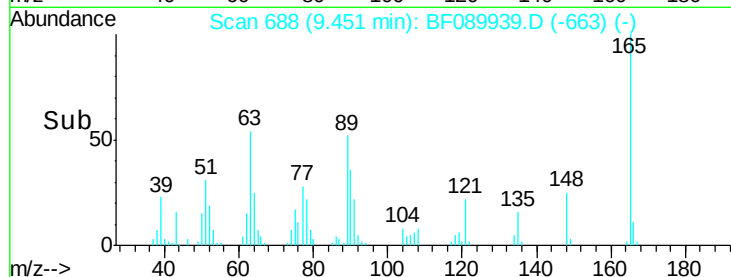
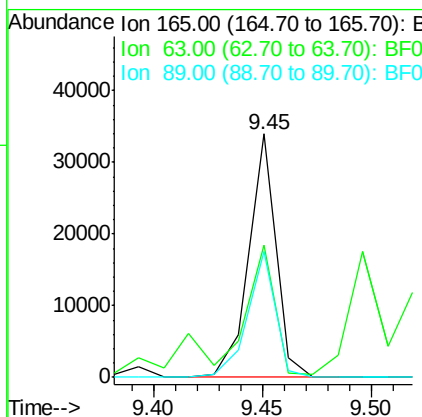
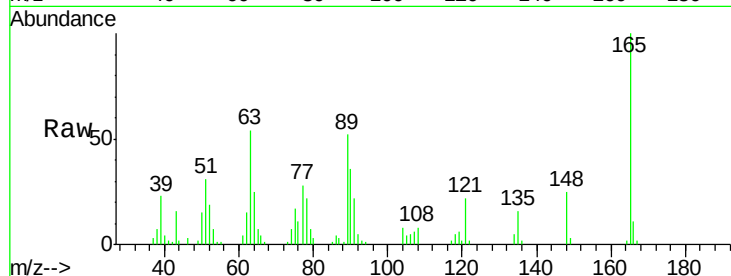
ClientSampleId :

PB93146BS

Tgt Ion:	165	Resp:	29521
Ion Ratio	Lower	Upper	
165	100		
63	54.4	45.0	67.4
89	51.6	41.5	62.3

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#51

Acenaphthene

Concen: 3.55 ng

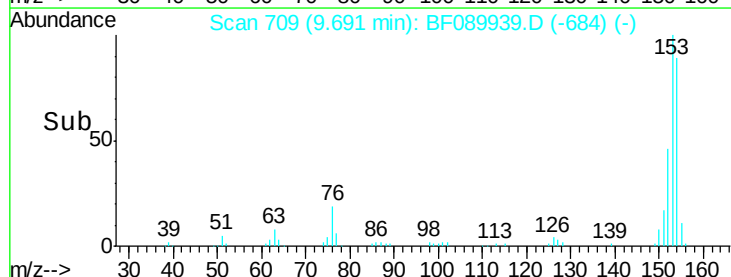
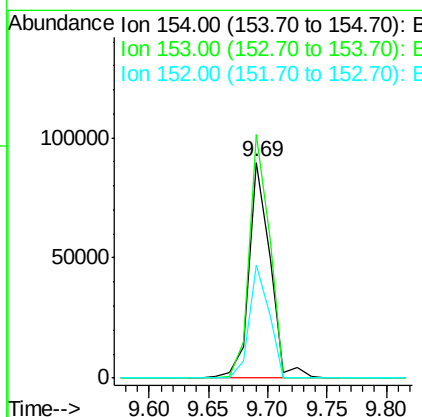
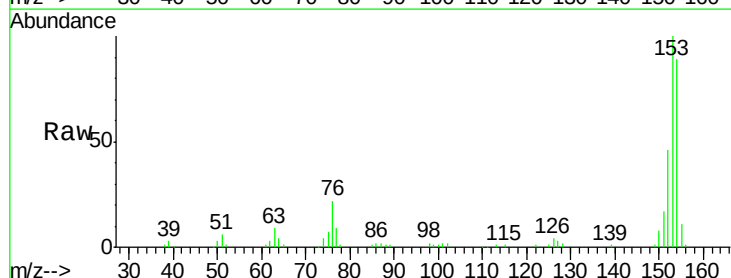
RT: 9.69 min Scan# 709

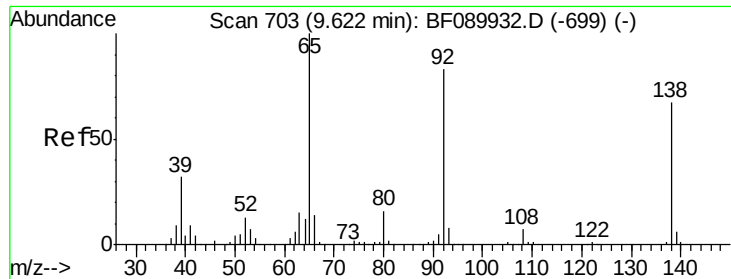
Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Tgt Ion:	154	Resp:	111992
Ion Ratio	Lower	Upper	
154	100		
153	112.9	90.6	135.8
152	52.4	42.4	63.6





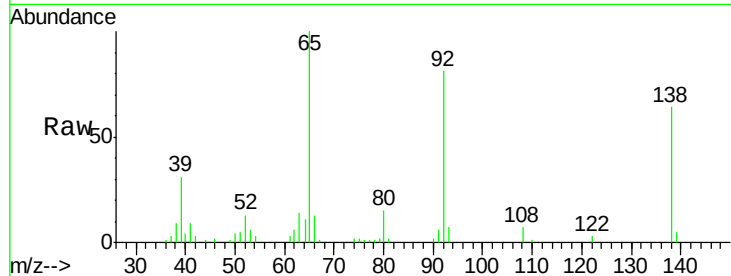
#52
 3-Nitroaniline
 Concen: 2.97 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

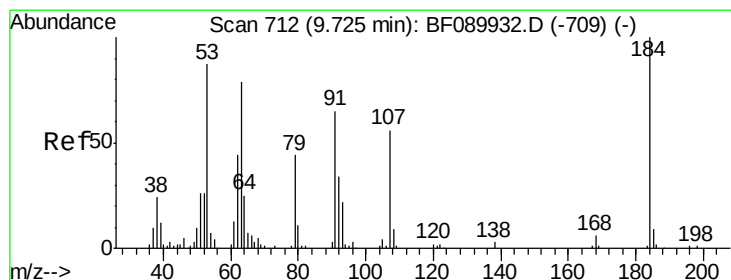
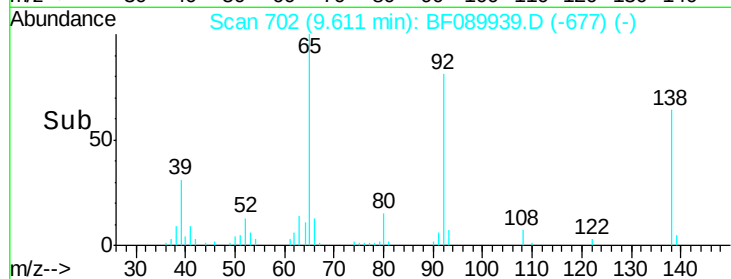
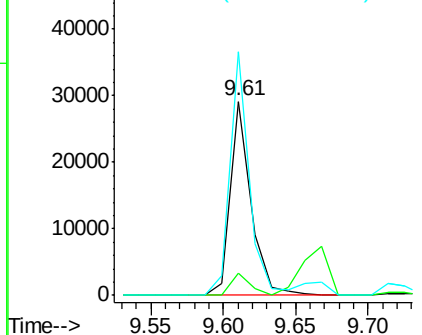
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	28825		
108	11.2	8.3	12.5	
92	125.5	99.1	148.7	

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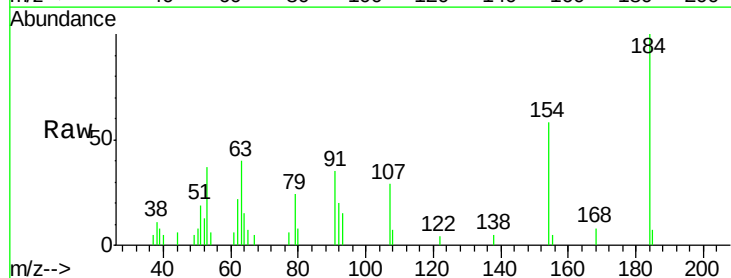


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

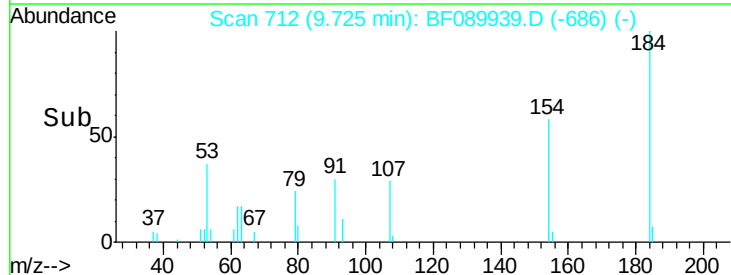
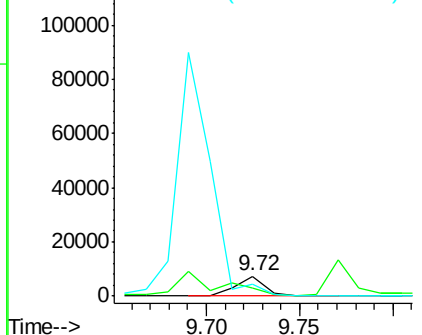


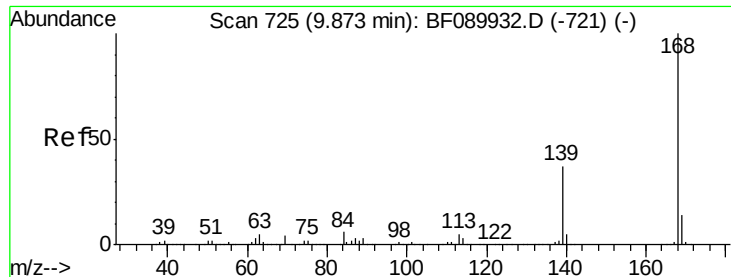
#53
 2,4-Dinitrophenol
 Concen: 4.47 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	8150		
63	40.2	73.9	110.9#	
154	58.1	53.5	80.3	



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 4.00 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

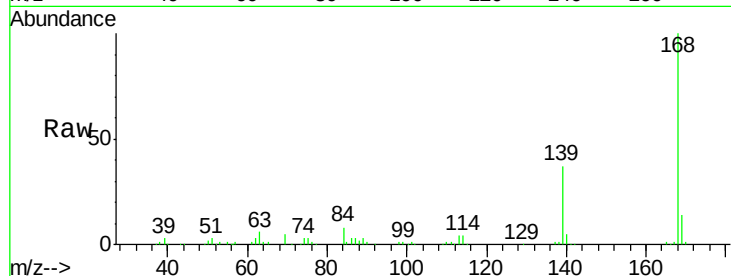
ClientSampleId :

PB93146BS

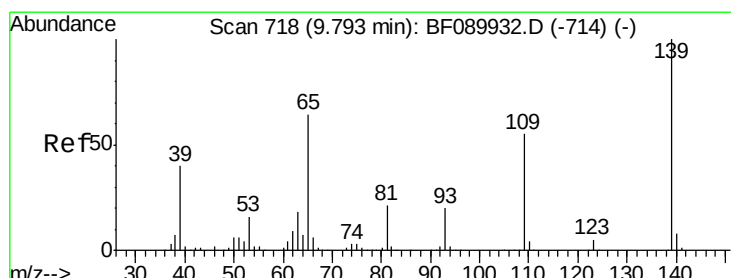
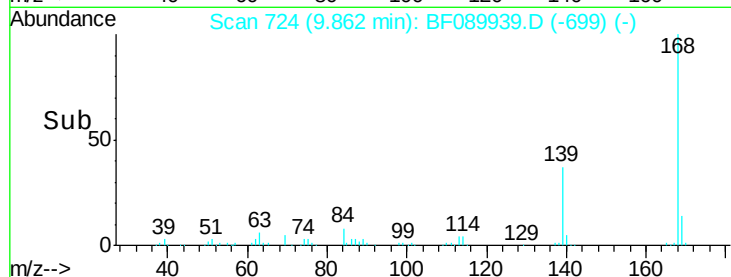
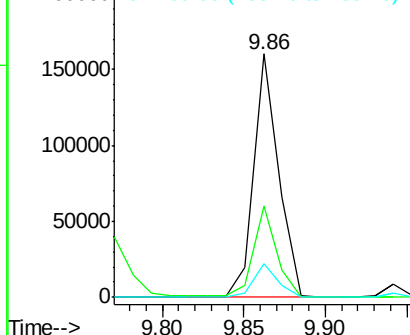
Tgt Ion:	168	Resp:	169470
Ion Ratio		Lower	Upper
168	100		
139	37.3	29.5	44.3
169	13.8	10.8	16.2

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 5.65 ng

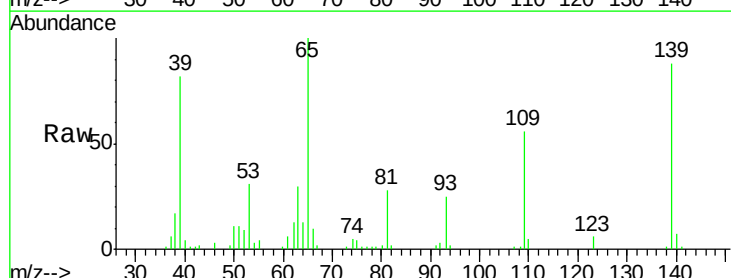
RT: 9.77 min Scan# 716

Delta R.T. -0.02 min

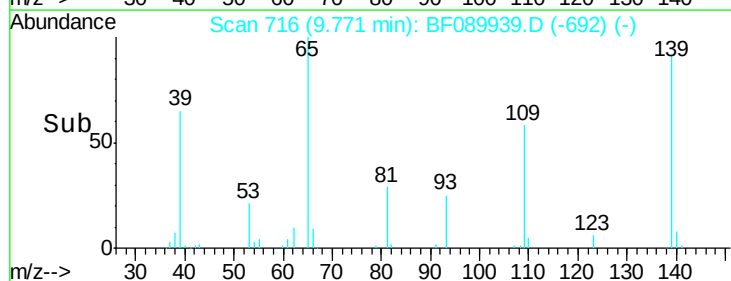
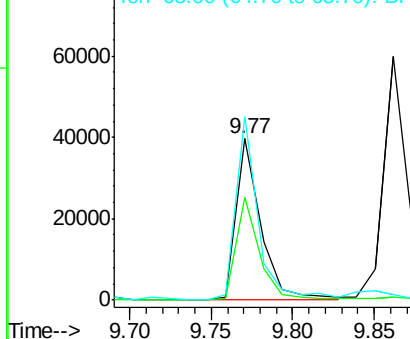
Lab File: BF089939.D

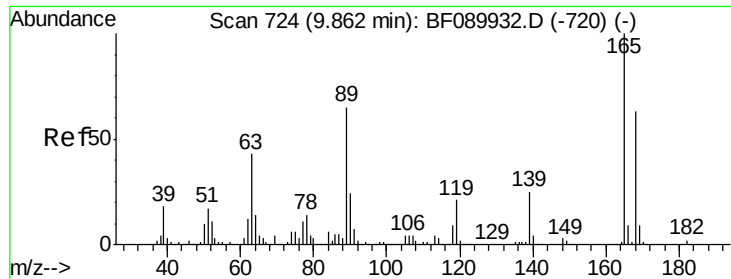
Acq: 31 Aug 2016 9:58

Tgt Ion:	139	Resp:	41386
Ion Ratio		Lower	Upper
139	100		
109	63.7	31.3	71.3
65	113.6	38.5	78.5#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





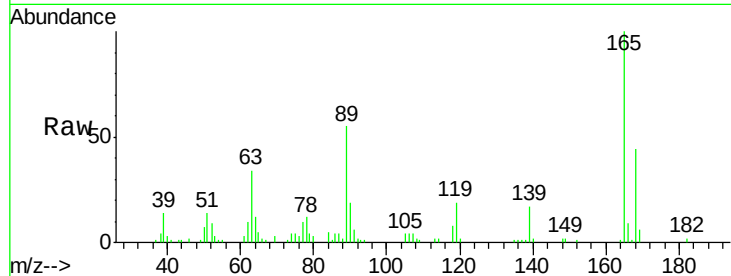
#56
2,4-Dinitrotoluene
Concen: 3.67 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

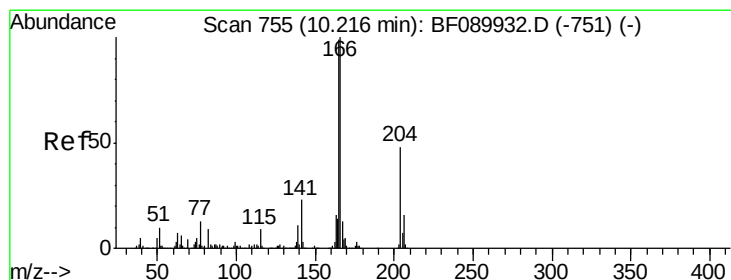
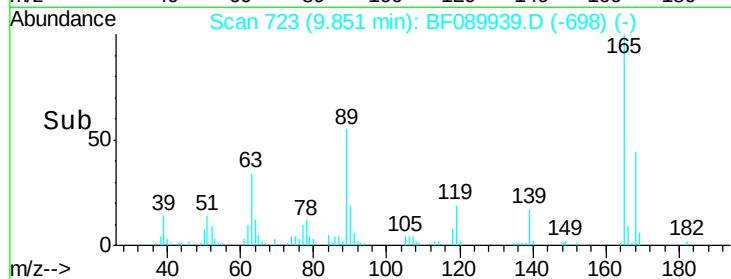
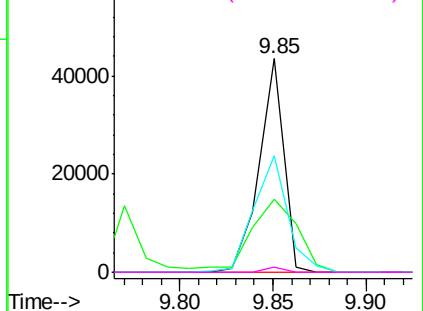
Tgt	Ion	Ratio	Resp	Lower	Upper
165	100		39615		
63	33.9	32.5	48.7		
89	54.6	48.3	72.5		
182	2.5	1.7	2.5		

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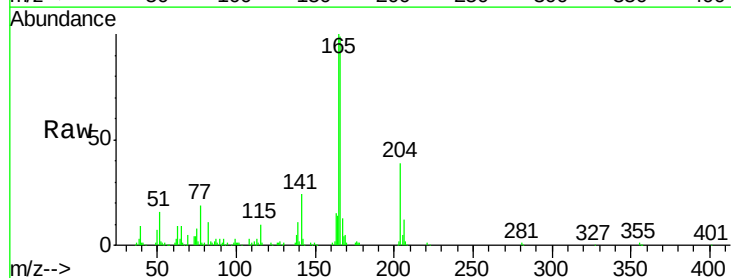


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

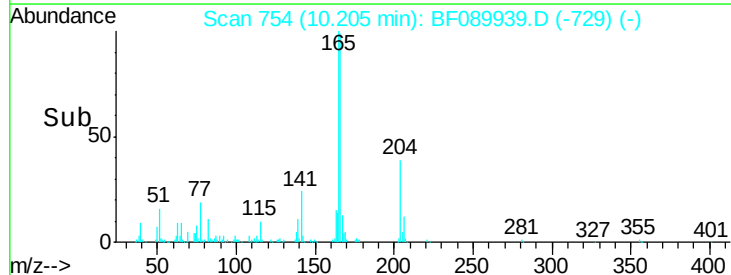
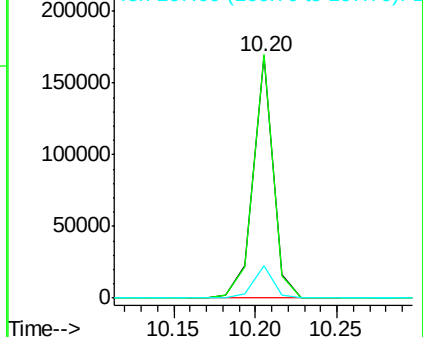


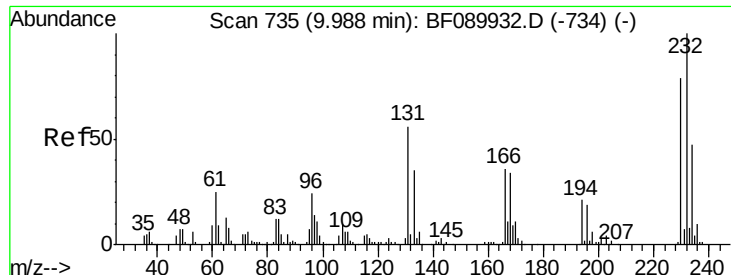
#57
Fluorene
Concen: 4.65 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt	Ion	Ratio	Resp	Lower	Upper
166	100		143706		
165	100.7	78.6	118.0		
167	13.5	10.6	15.8		



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





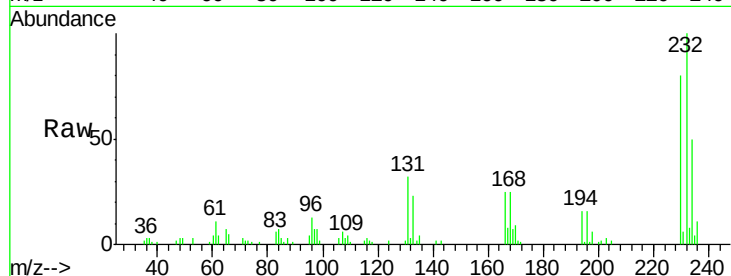
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.81 ng
 RT: 9.99 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.4	36.3	54.5
130	2.0	1.7	2.5
166	25.7	24.4	36.6

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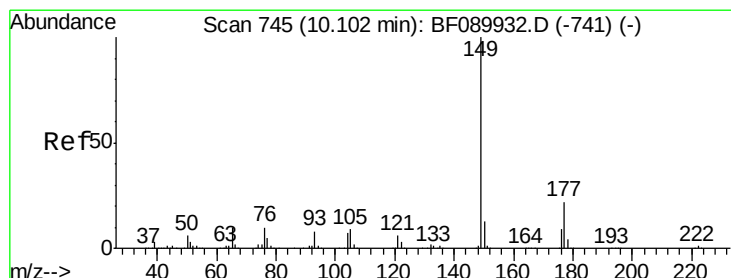
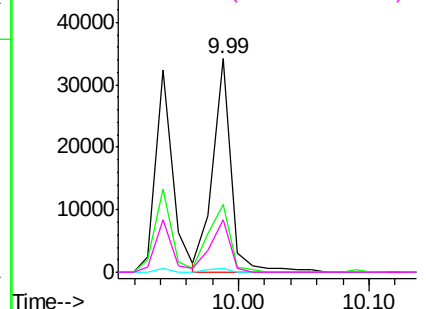
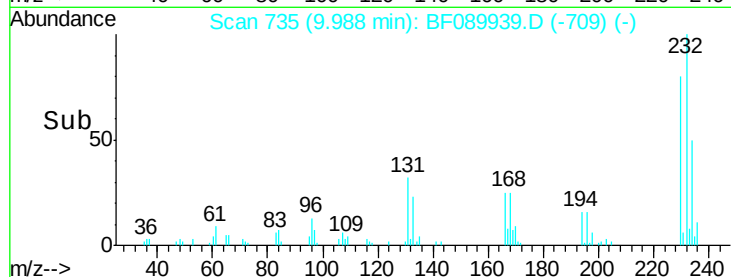
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

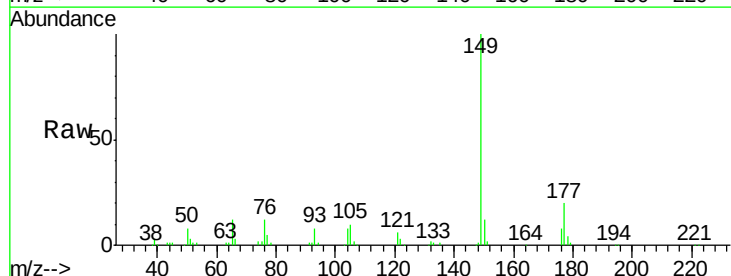
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 3.67 ng
 RT: 10.09 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.4	17.7	26.5
150	12.4	10.2	15.2

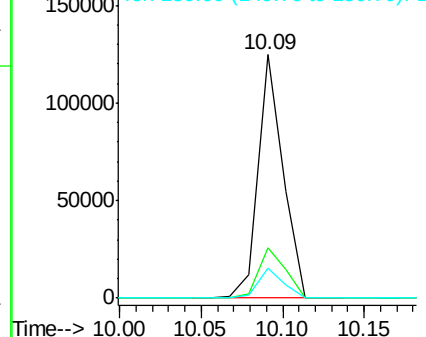
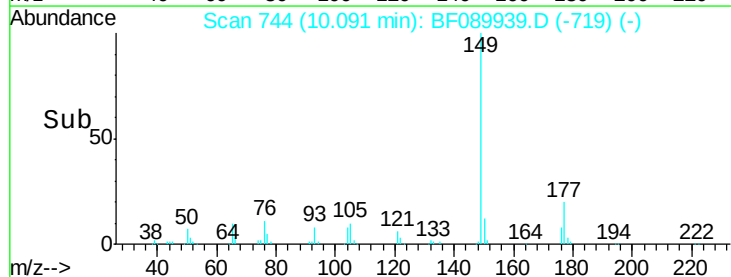


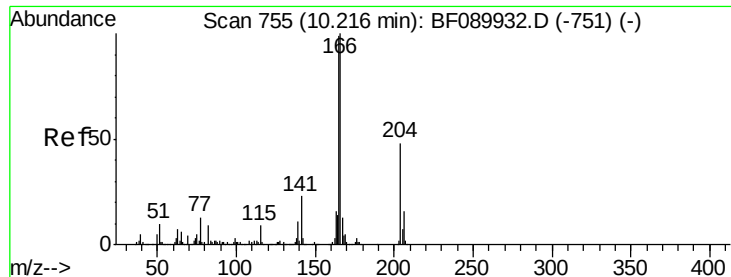
Abundance

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





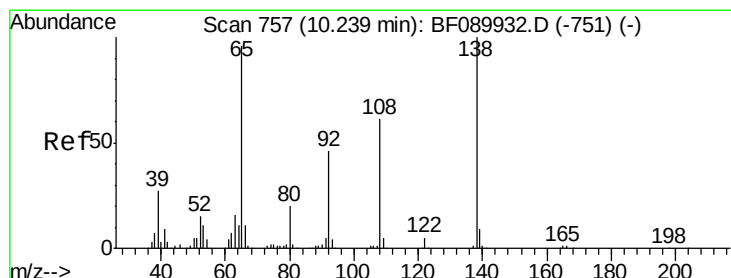
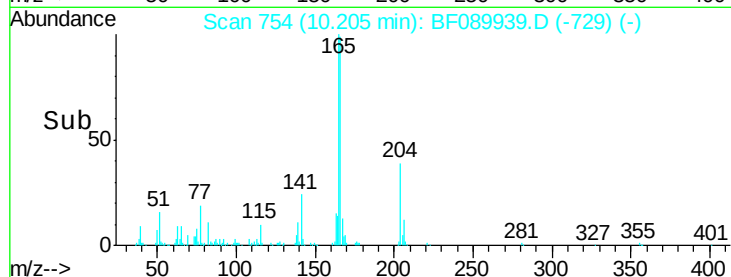
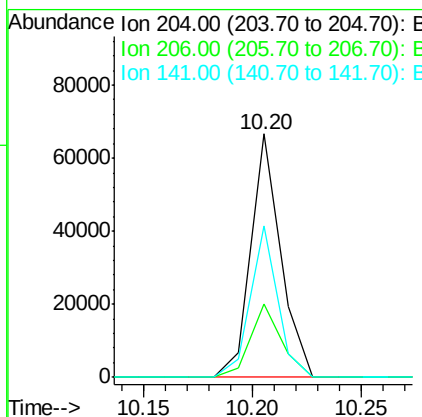
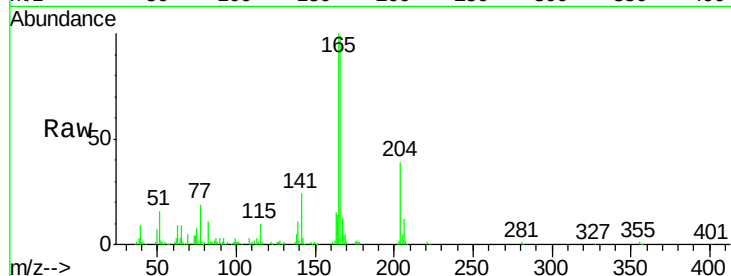
#60
 4-Chlorophenyl-phenylether
 Concen: 4.38 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	63727		
206	30.2	26.6	40.0	
141	62.2	36.5	54.7	

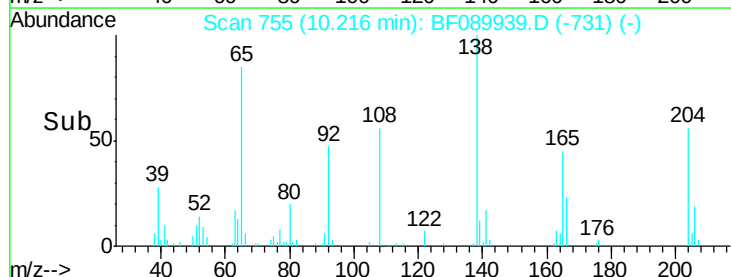
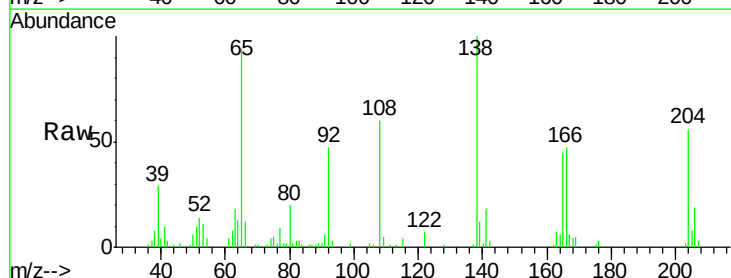
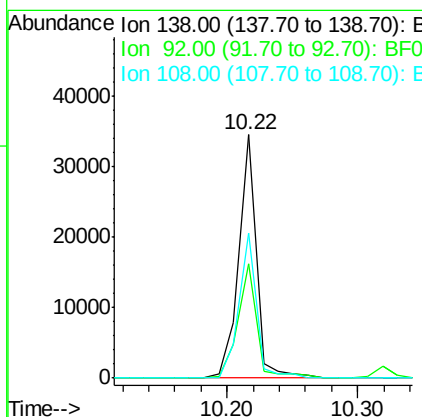
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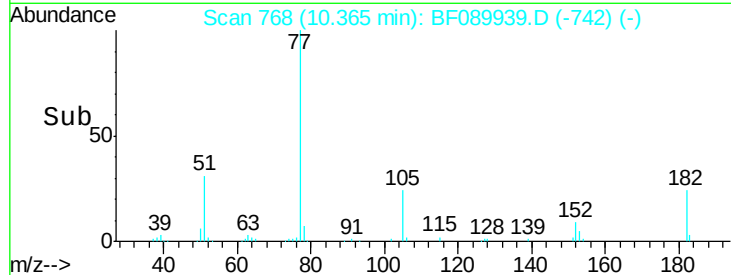
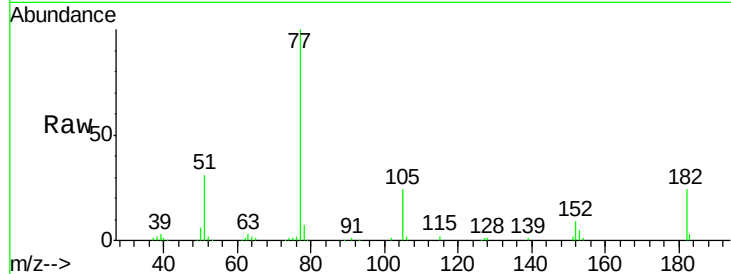
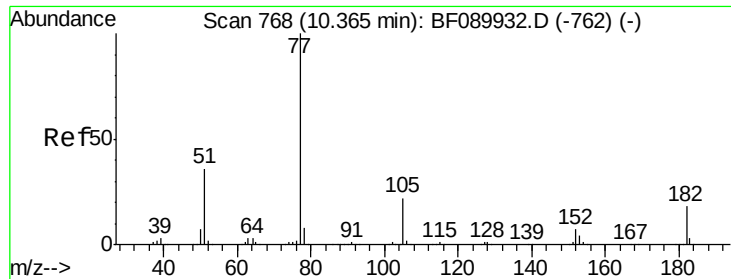
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#61
 4-Nitroaniline
 Concen: 3.38 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	32193		
92	47.0	21.2	61.2	
108	59.6	37.7	77.7	





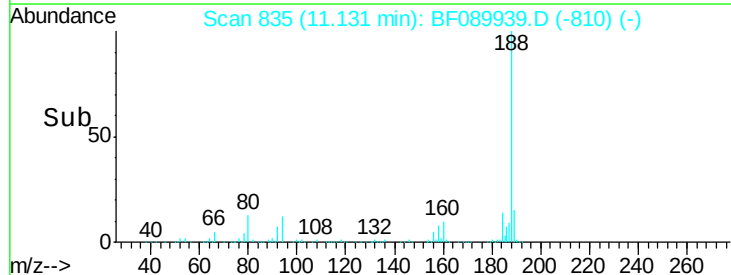
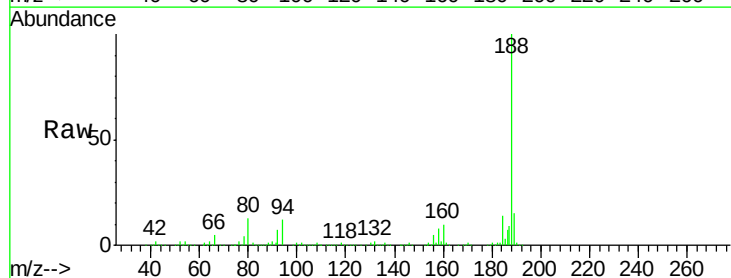
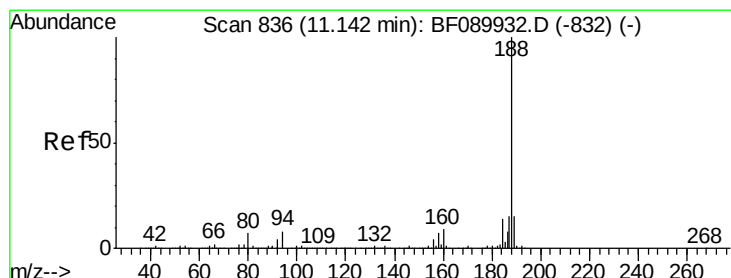
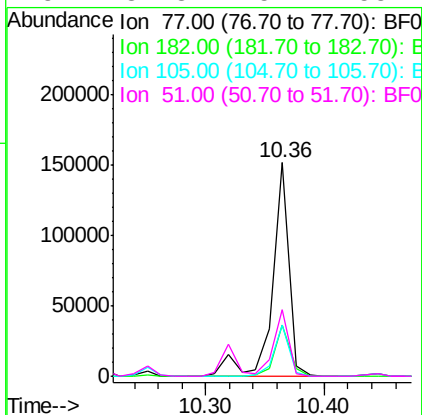
#62
Azobenzene
Concen: 4.16 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.3	0.0	38.6	
105	23.8	2.3	42.3	
51	31.3	15.1	55.1	

Instrument :
BNA_F
ClientSampleId :
PB93146BS

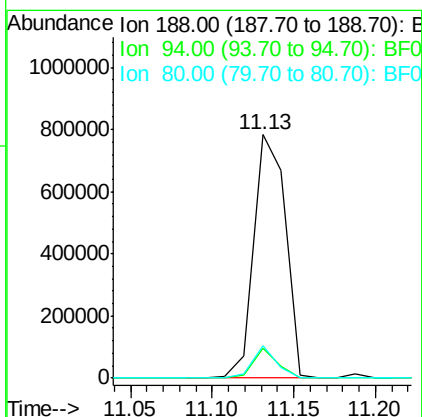
Manual Integrations
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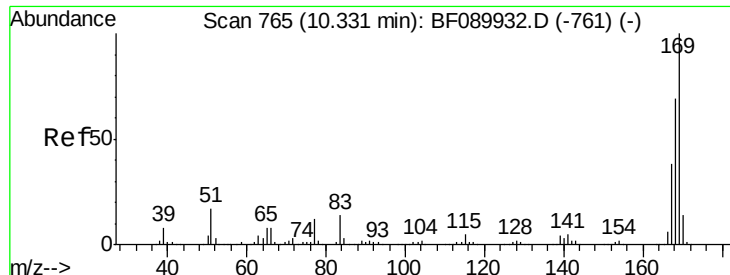
SOHIL
9/1/2016 11:52:33 AM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	12.2	5.9	8.9#	
80	13.3	5.8	8.8#	





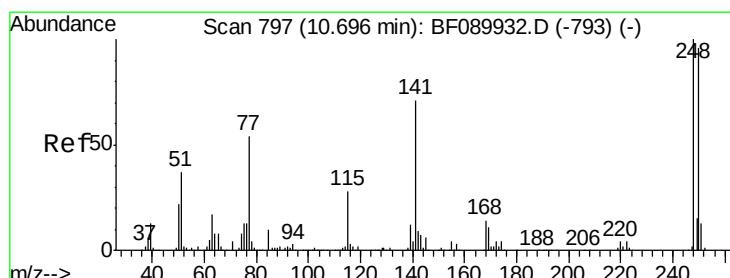
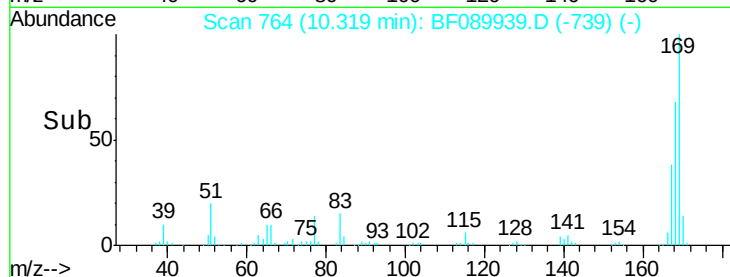
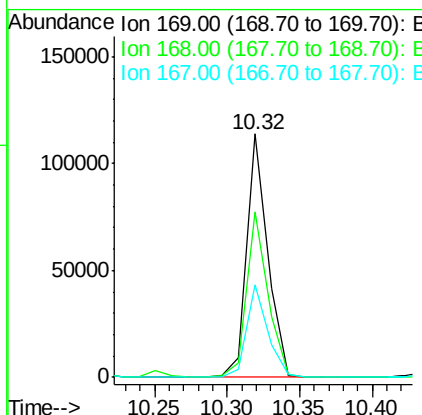
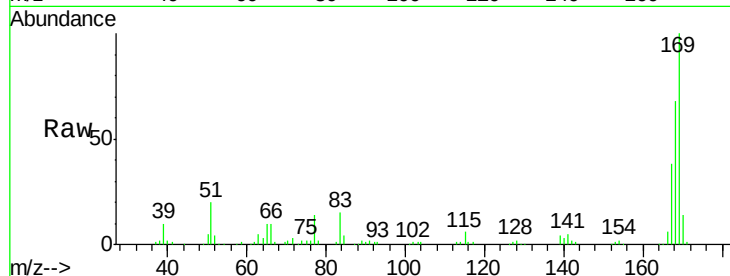
#65
 n-Nitrosodiphenylamine
 Concen: 3.61 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	114515		
168	67.9	55.0	82.4	
167	37.8	30.5	45.7	

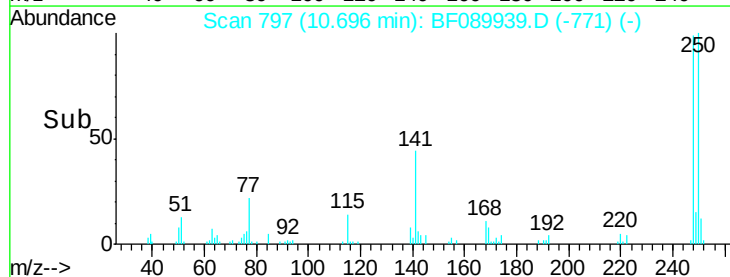
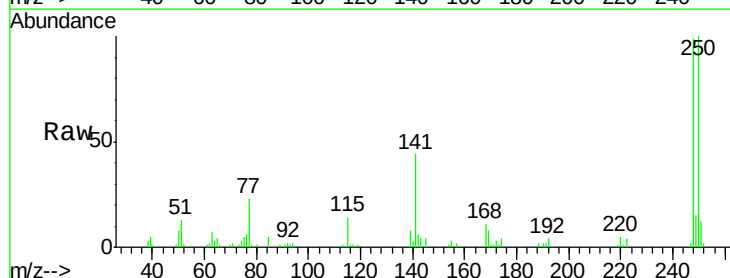
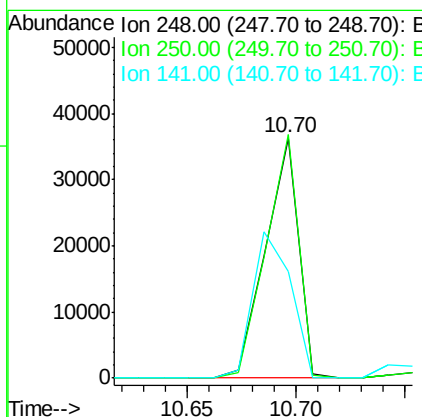
Manual Integrations
 APPROVED

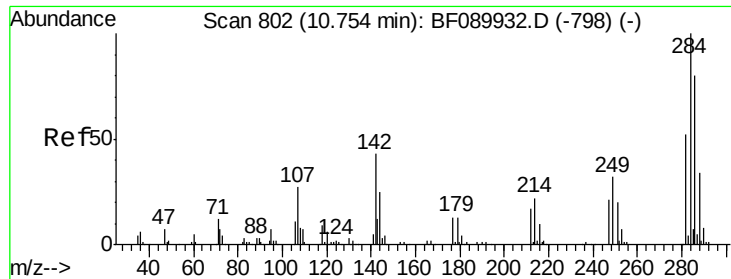
SOHIL
 9/1/2016 11:52:33 AM



#66
 4-Bromophenyl-phenylether
 Concen: 3.65 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	38846		
250	101.3	77.3	115.9	
141	44.5	55.8	83.8	





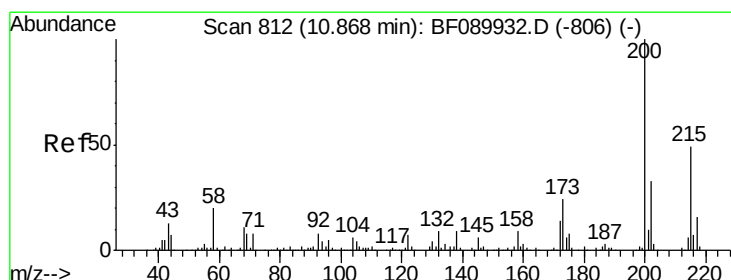
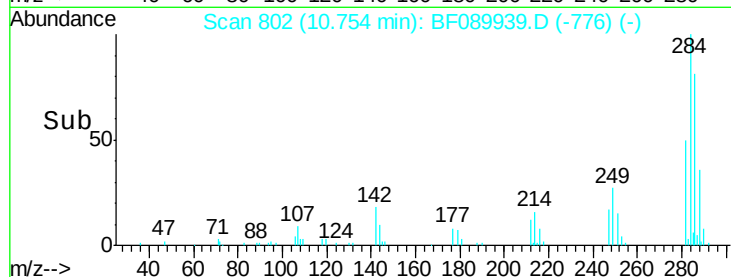
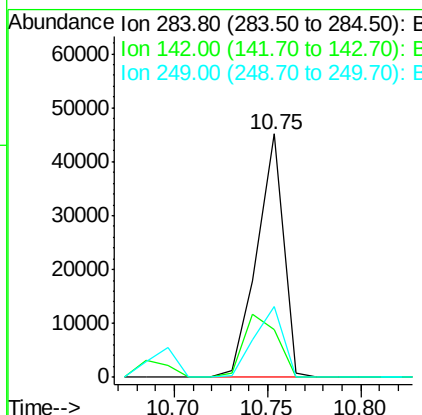
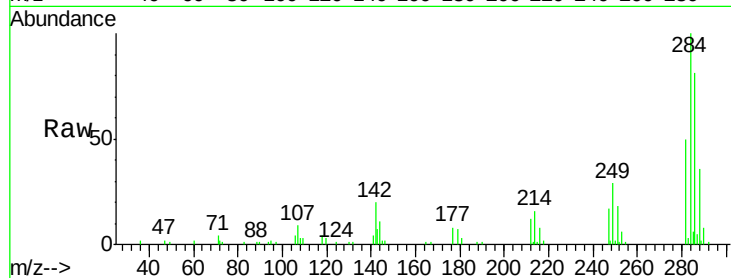
#67
Hexachlorobenzene
Concen: 3.68 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	44666		
142	19.8	32.7	49.1#	
249	29.2	26.9	40.3	

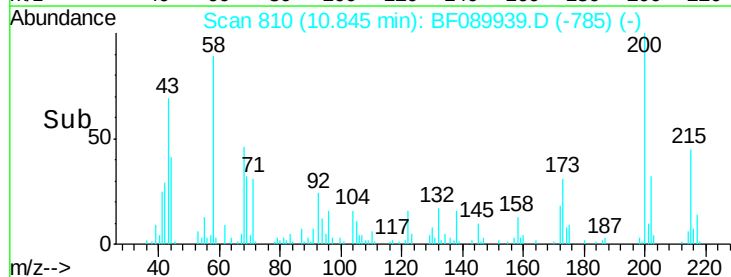
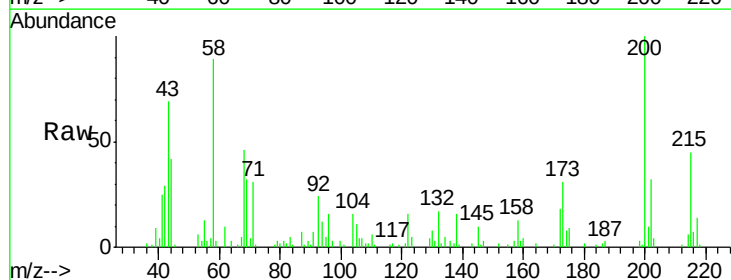
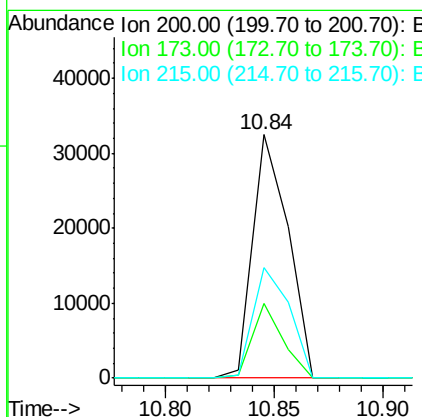
Manual Integrations
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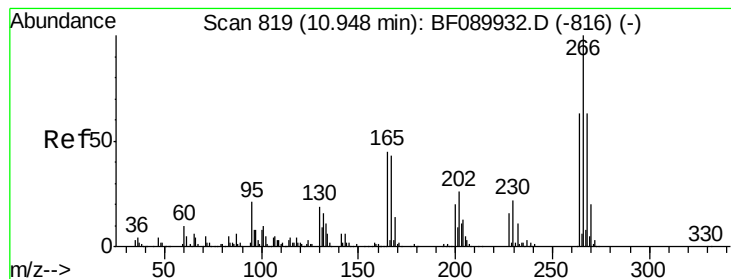
SOHIL
9/1/2016 11:52:33 AM



#68
Atrazine
Concen: 3.48 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	36917		
173	30.8	9.4	49.4	
215	45.4	24.5	64.5	





#69

Pentachlorophenol

Concen: 4.44 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

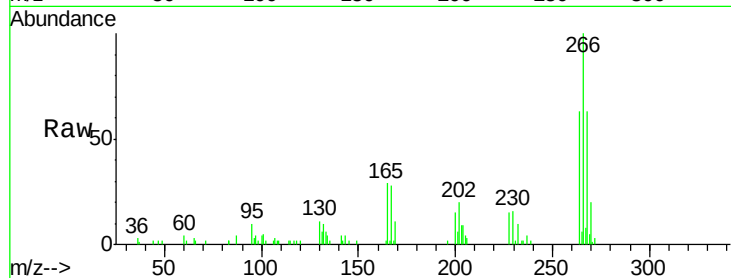
ClientSampleId :

PB93146BS

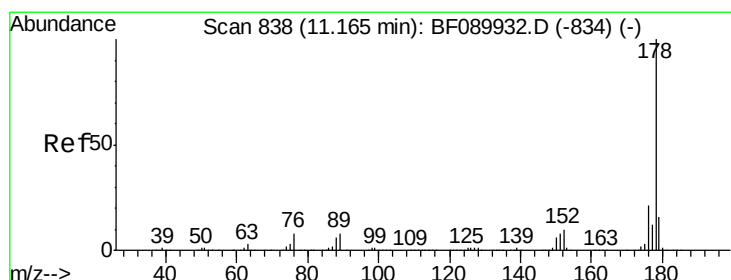
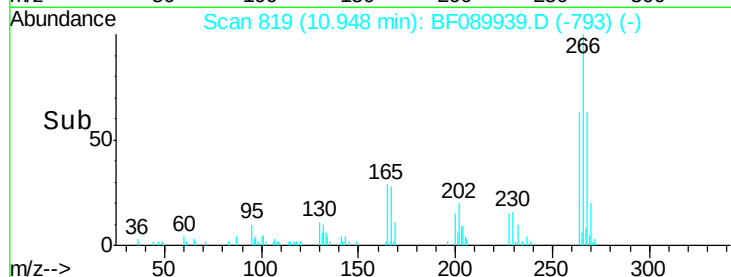
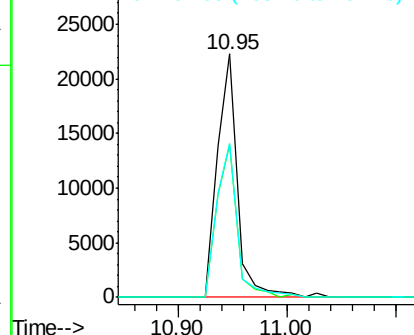
Tgt Ion:	266	Resp:	29044
Ion Ratio		Lower	Upper
266	100		
268	62.9	51.0	76.6
264	63.5	50.6	75.8

Manual Integrations
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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 3.97 ng

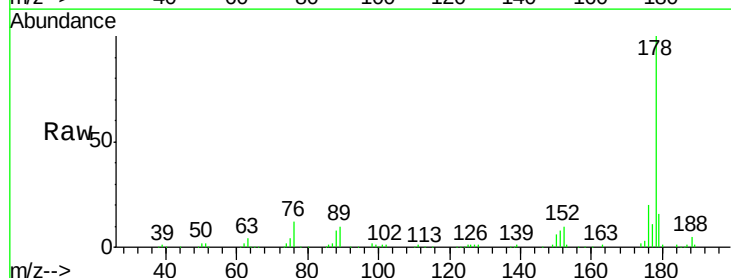
RT: 11.15 min Scan# 837

Delta R.T. -0.01 min

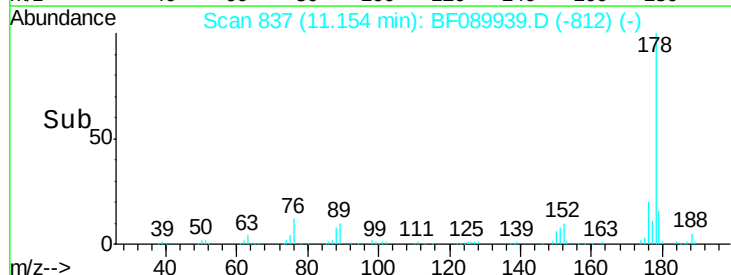
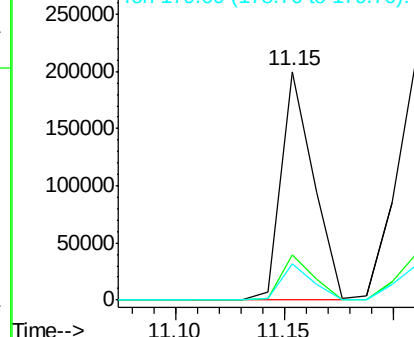
Lab File: BF089939.D

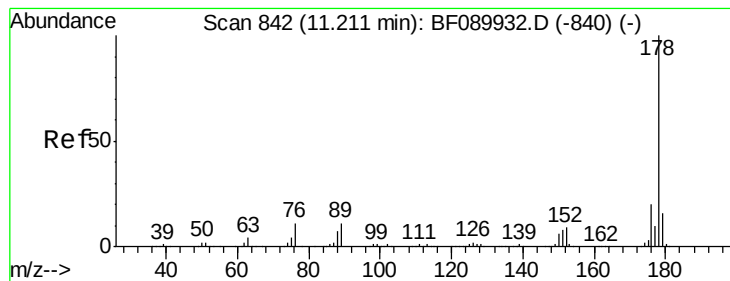
Acq: 31 Aug 2016 9:58

Tgt Ion:	178	Resp:	208805
Ion Ratio		Lower	Upper
178	100		
176	19.6	16.5	24.7
179	15.6	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 4.00 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

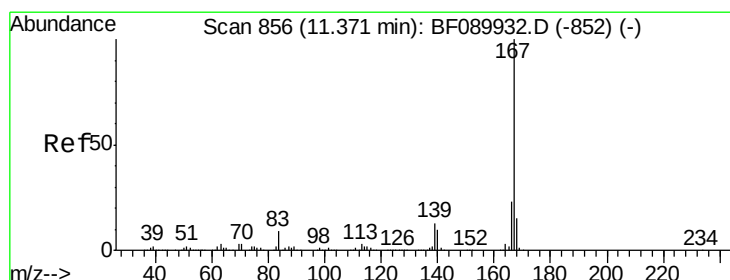
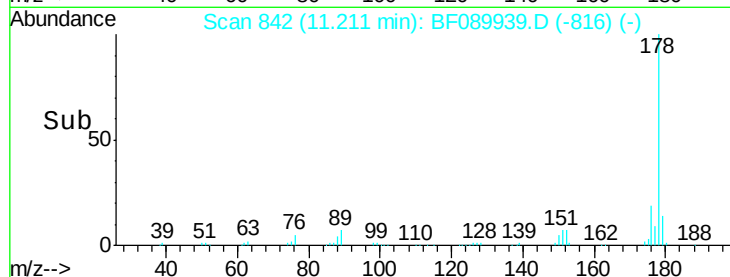
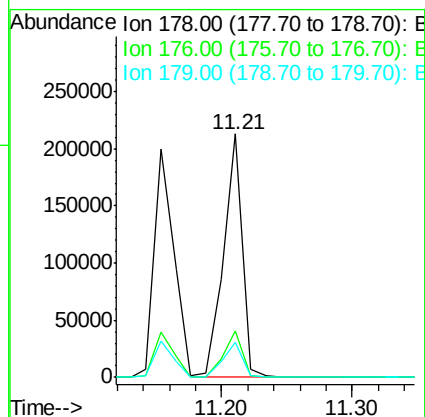
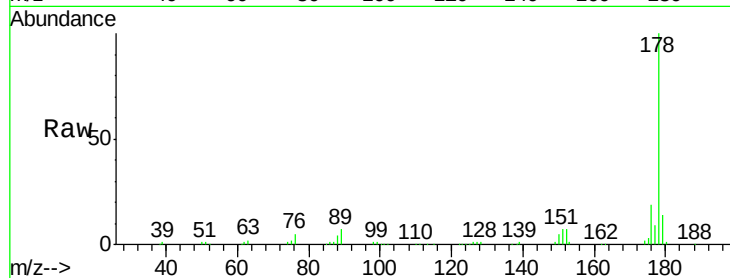
ClientSampleId :

PB93146BS

Tgt Ion:	178	Resp:	213618
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.8	23.8
179	14.5	13.0	19.4

Manual Integrations
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#72

Carbazole

Concen: 3.90 ng

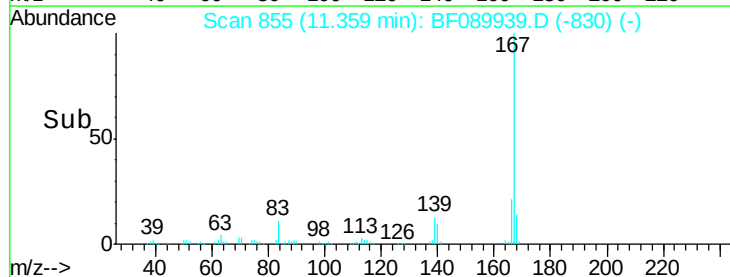
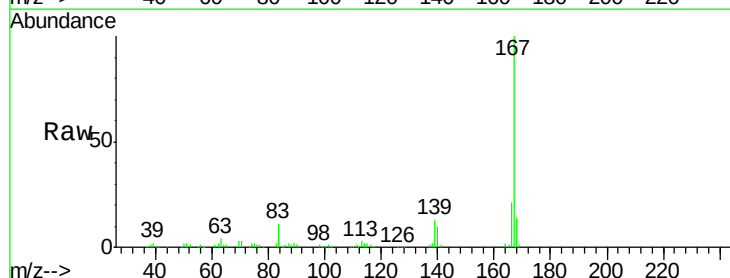
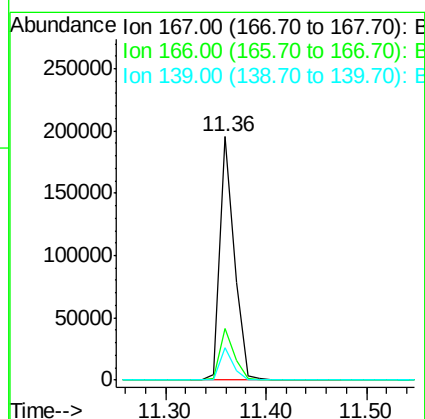
RT: 11.36 min Scan# 855

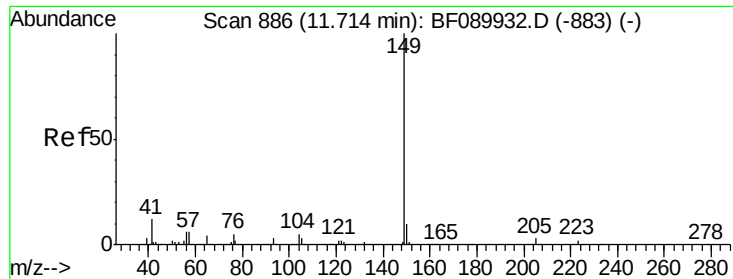
Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Tgt Ion:	167	Resp:	195380
Ion Ratio	Lower	Upper	
167	100		
166	20.9	18.1	27.1
139	13.1	10.4	15.6





#73

Di-n-butylphthalate

Concen: 4.01 ng

RT: 11.71 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

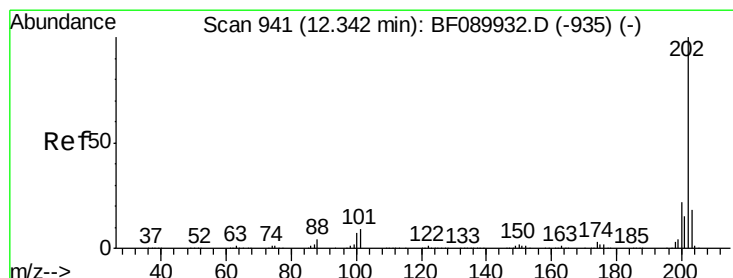
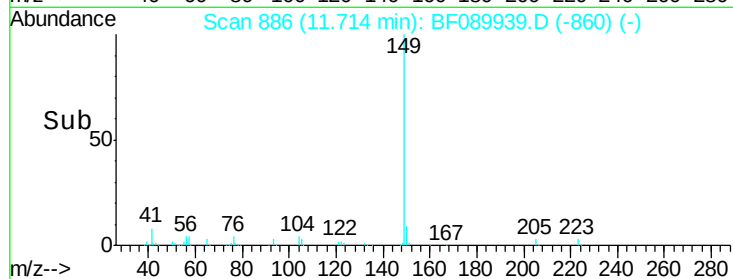
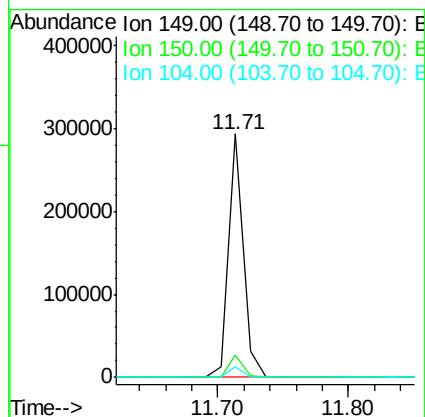
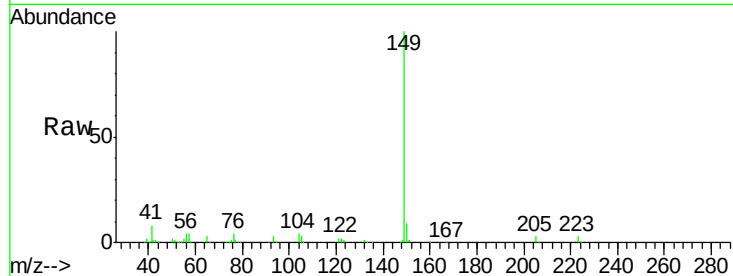
ClientSampleId :

PB93146BS

Tgt Ion:	149	Resp:	233715
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.8
104	4.5	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 4.24 ng

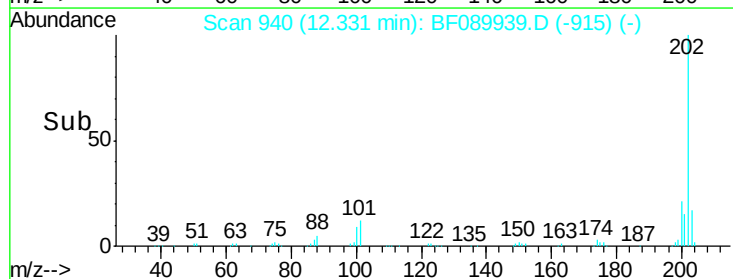
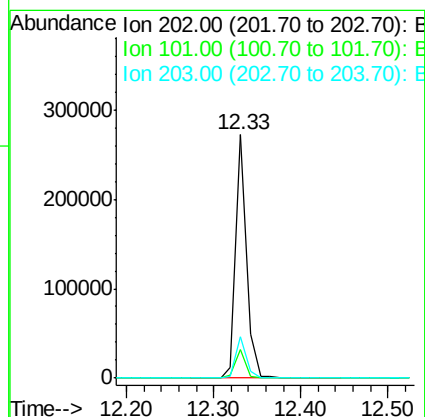
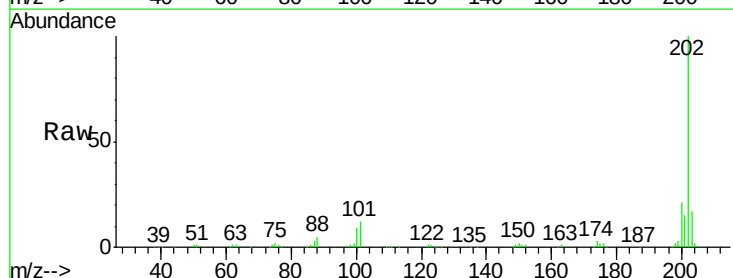
RT: 12.33 min Scan# 940

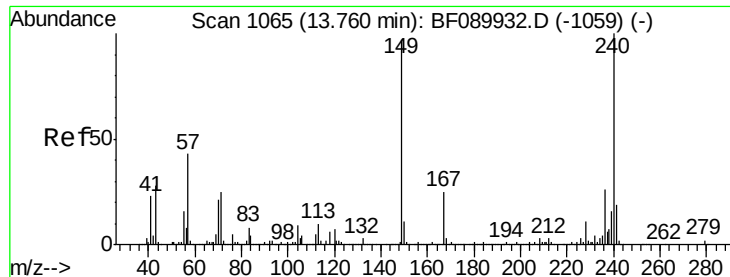
Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Tgt Ion:	202	Resp:	233609
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	28.5
203	16.9	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

Tgt Ion:240 Resp: 883112
Ion Ratio Lower Upper

240 100

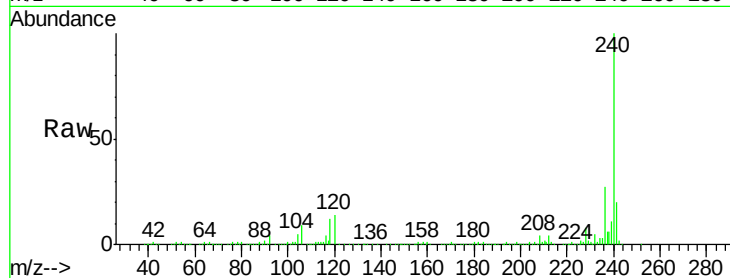
120 14.0 5.7 8.5#

236 27.1 21.3 31.9

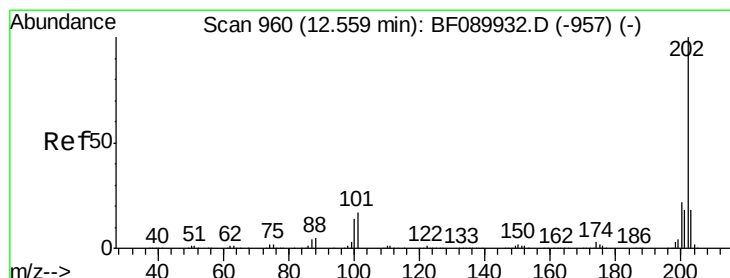
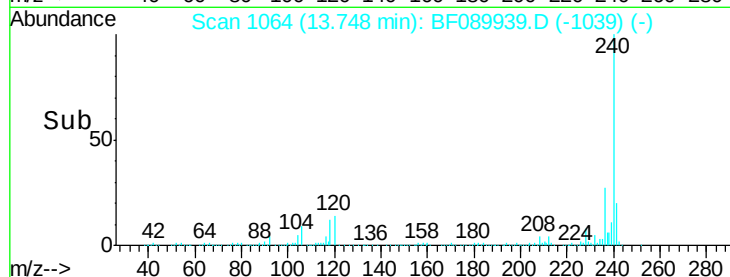
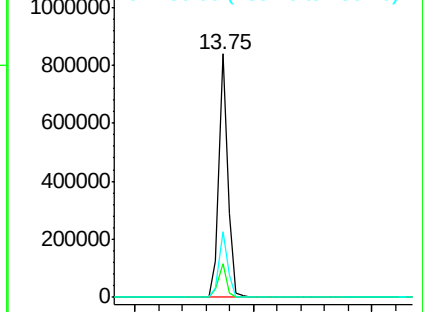
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.83 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF089939.D

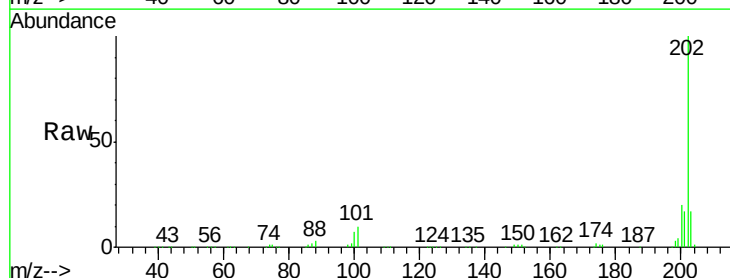
Acq: 31 Aug 2016 9:58

Tgt Ion:202 Resp: 238623
Ion Ratio Lower Upper

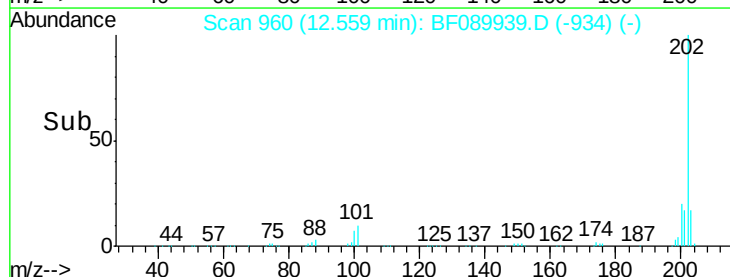
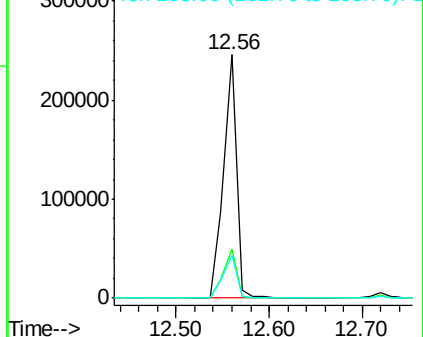
202 100

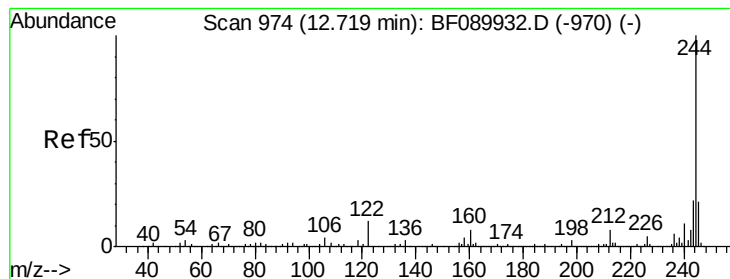
200 20.4 17.6 26.4

203 17.3 14.6 21.8



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: 55.50 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

ClientSampleId :

PB93146BS

Tgt Ion:244 Resp: 1984250

Ion Ratio Lower Upper

244 100

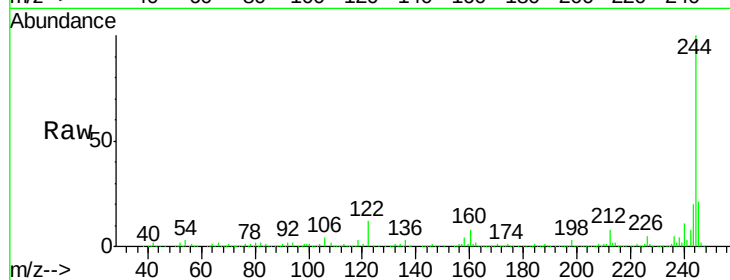
212 7.7 6.1 9.1

122 12.4 9.6 14.4

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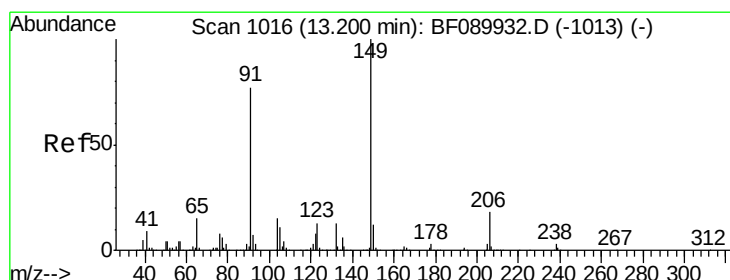
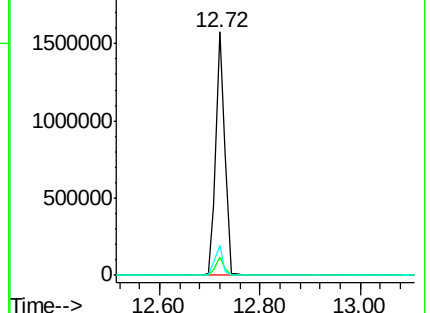
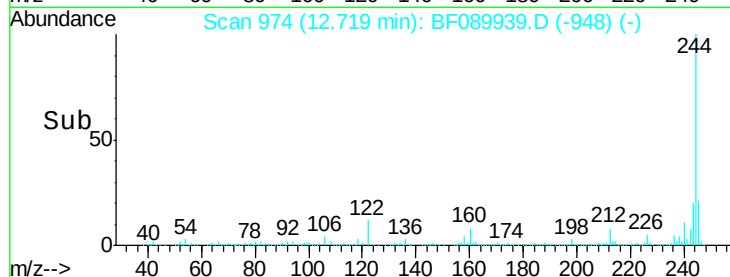
9/1/2016 11:52:33 AM



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: 3.36 ng

RT: 13.20 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

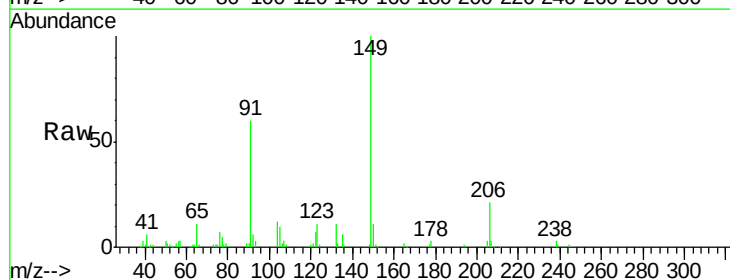
Tgt Ion:149 Resp: 84378

Ion Ratio Lower Upper

149 100

91 60.4 60.0 90.0

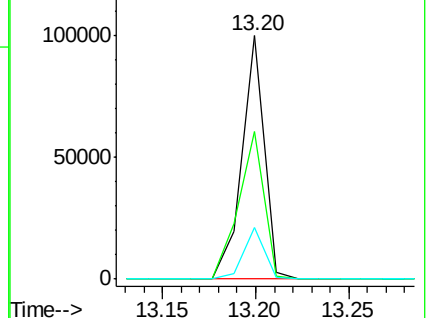
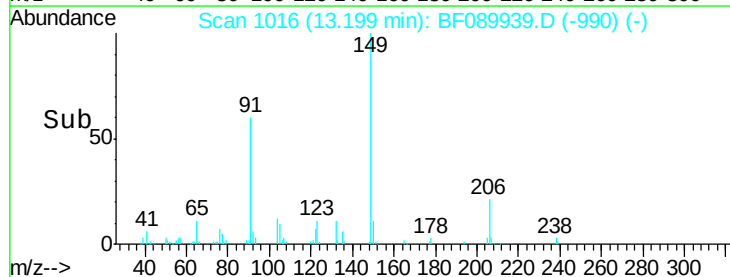
206 21.0 15.1 22.7

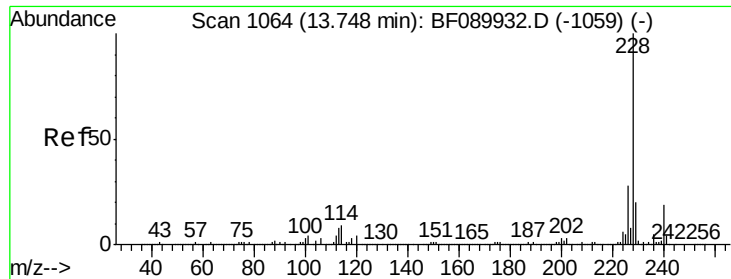


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





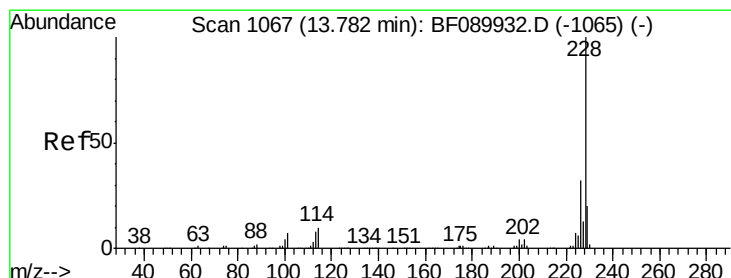
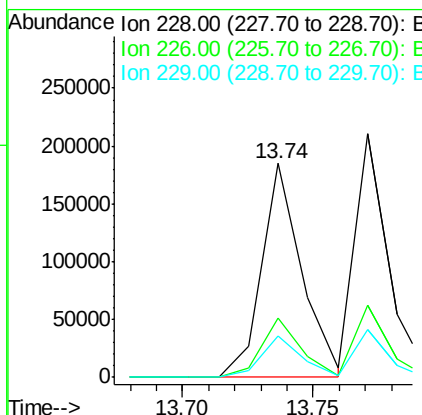
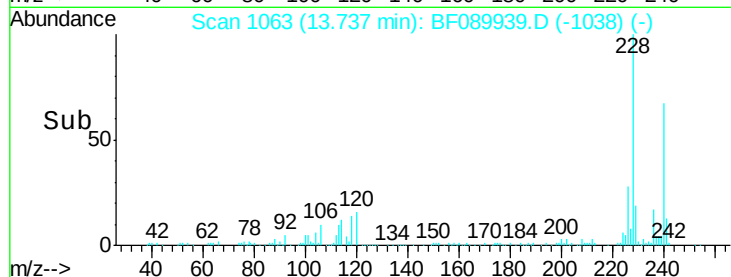
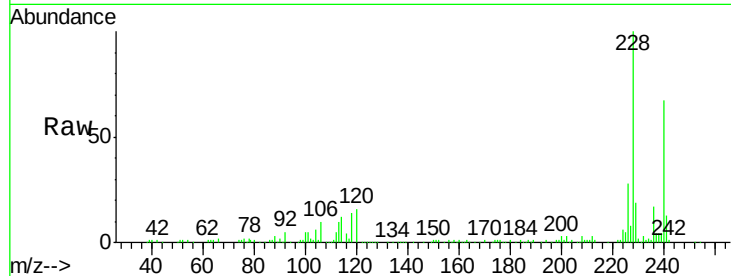
#80
Benzo(a)anthracene
Concen: 3.67 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	198327		
226	27.6	22.2	33.2	
229	19.4	15.8	23.6	

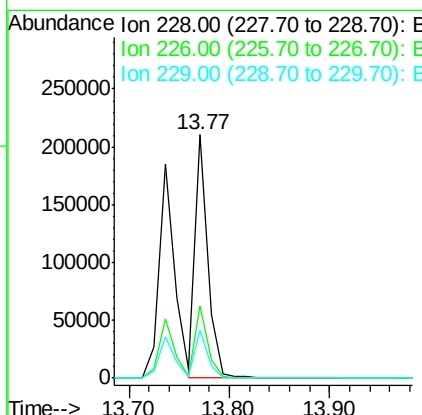
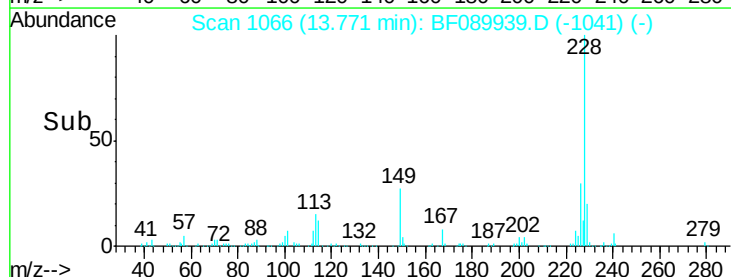
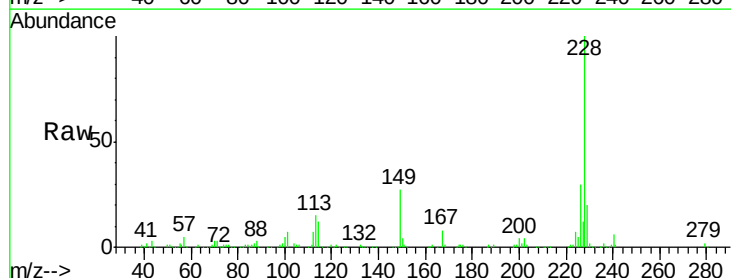
Manual Integrations
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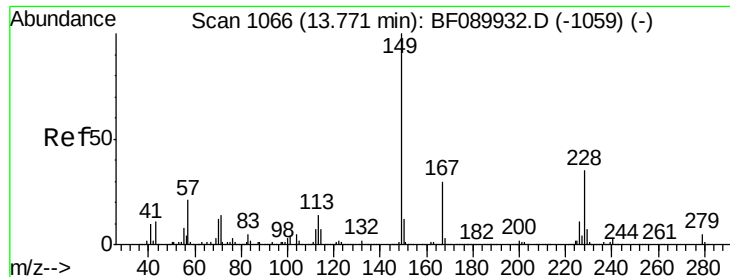
SOHIL
9/1/2016 11:52:33 AM



#82
Chrysene
Concen: 3.74 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	188897		
226	29.8	25.2	37.8	
229	19.8	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.42 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF089939.D

Acq: 31 Aug 2016 9:58

Instrument :

BNA_F

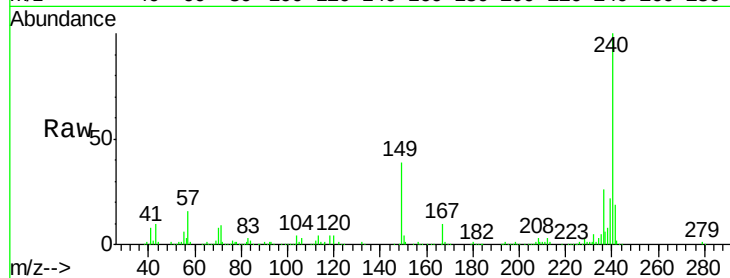
ClientSampleId :

PB93146BS

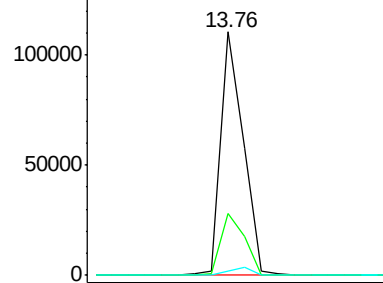
Tgt Ion:	149	Resp:	118703
Ion Ratio	Lower	Upper	
149	100		
167	25.6	23.6	35.4
279	1.8	3.4	5.2#

Manual Integrations
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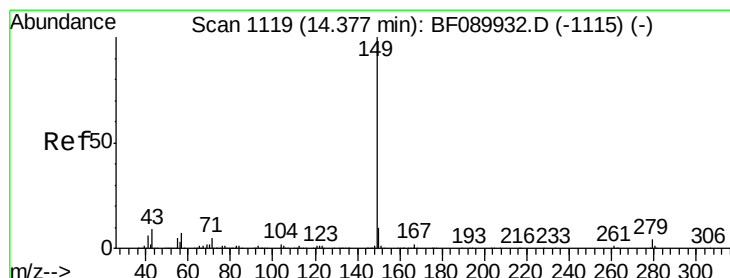
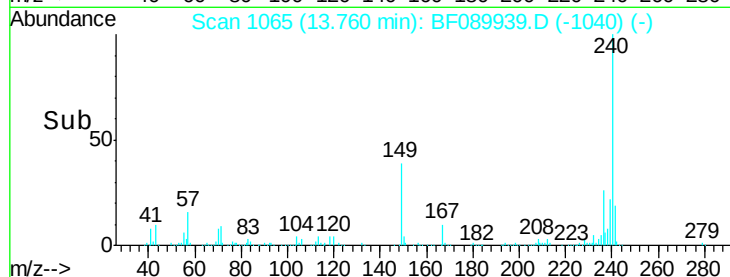
SOHIL
9/1/2016 11:52:33 AM



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



Time-->



#84

Di-n-octyl phthalate

Concen: 3.06 ng

RT: 14.37 min Scan# 1118

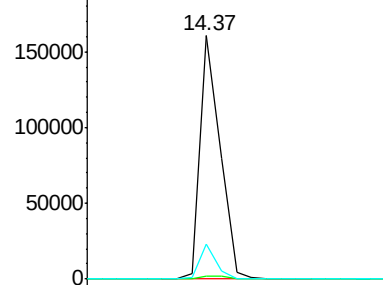
Delta R.T. -0.01 min

Lab File: BF089939.D

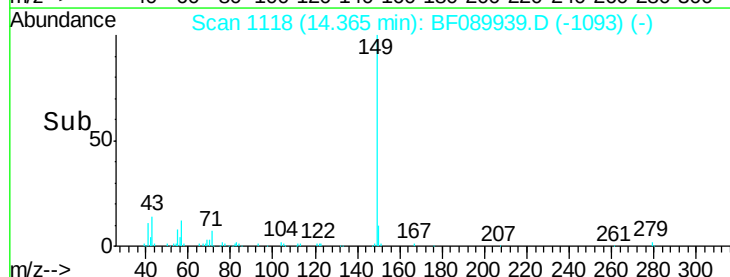
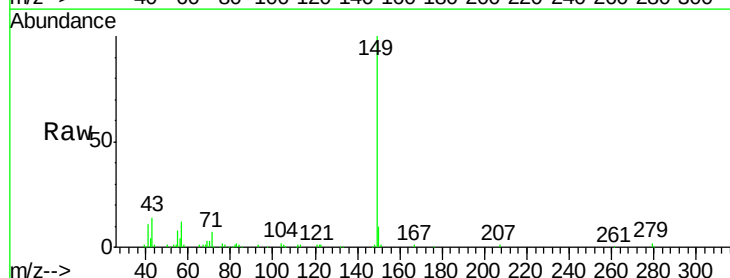
Acq: 31 Aug 2016 9:58

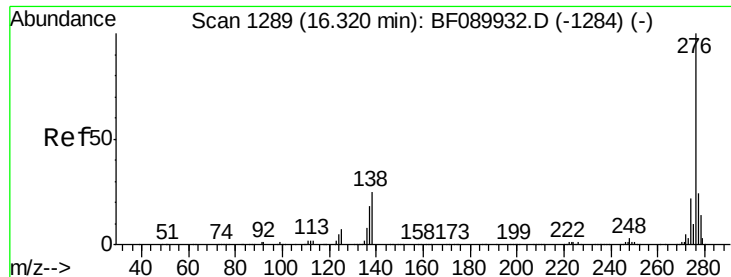
Tgt Ion:	149	Resp:	171341
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	12.1	9.3	13.9

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



Time-->





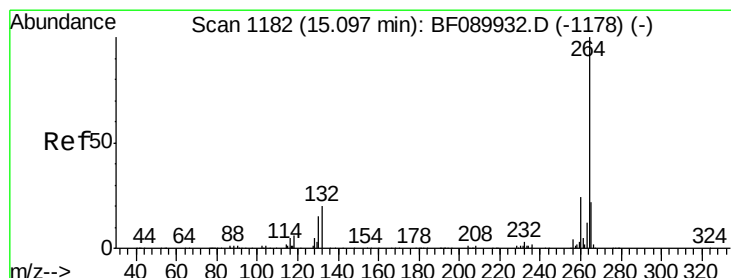
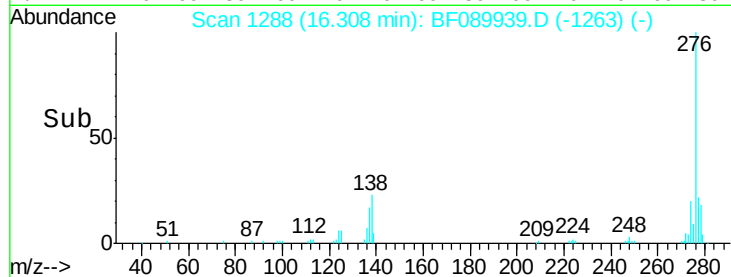
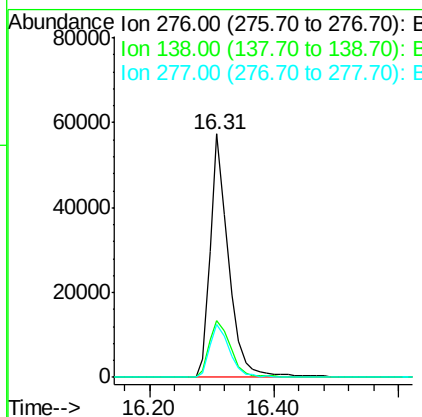
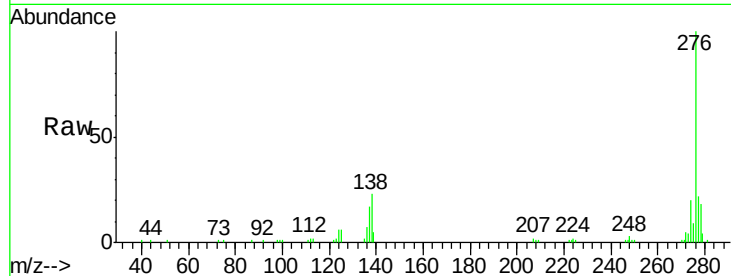
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.12 ng
 RT: 16.31 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	116413		
138	27.2	22.6	34.0	
277	23.3	20.1	30.1	

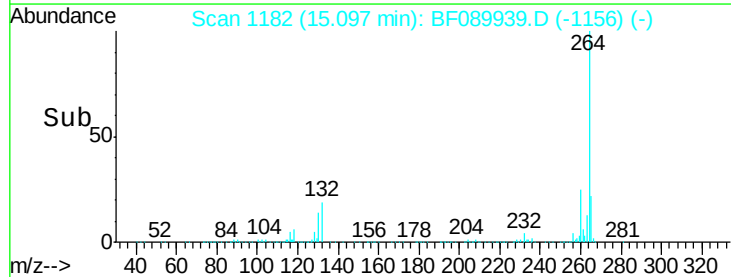
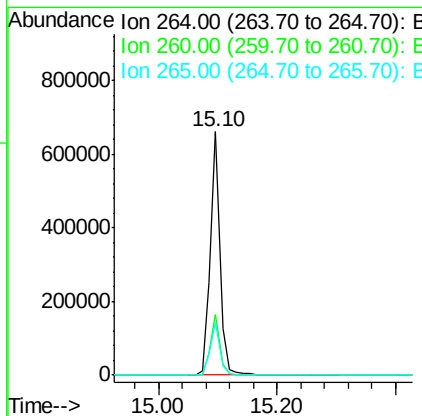
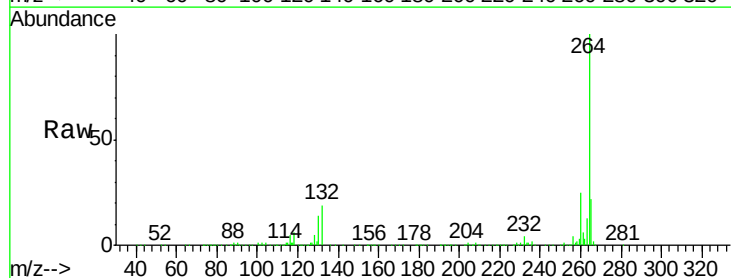
Manual Integrations
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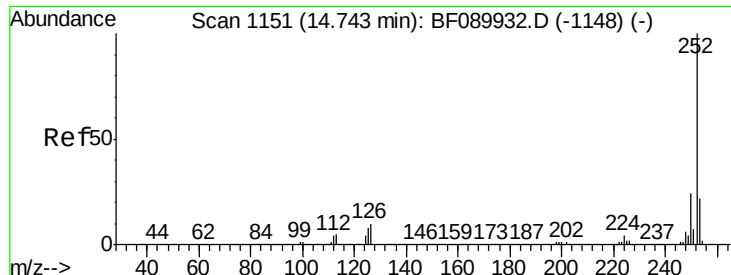
SOHIL
 9/1/2016 11:52:33 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	751373		
260	24.6	19.4	29.0	
265	21.8	17.4	26.2	





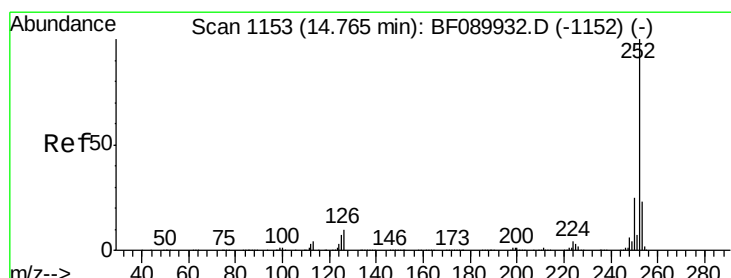
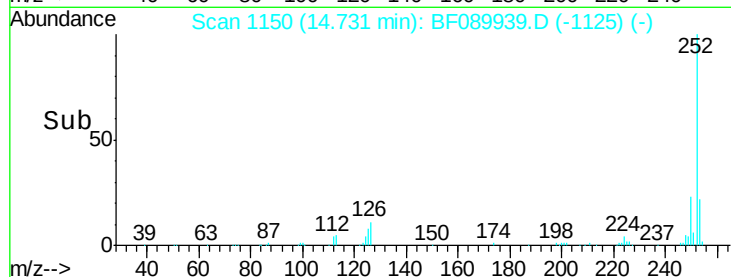
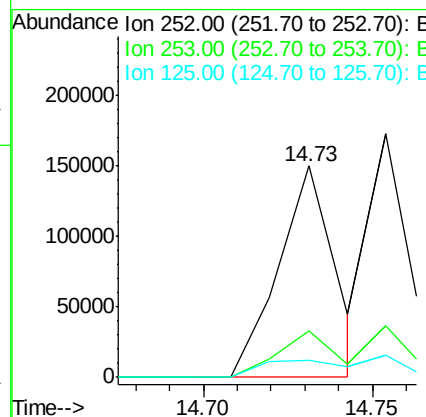
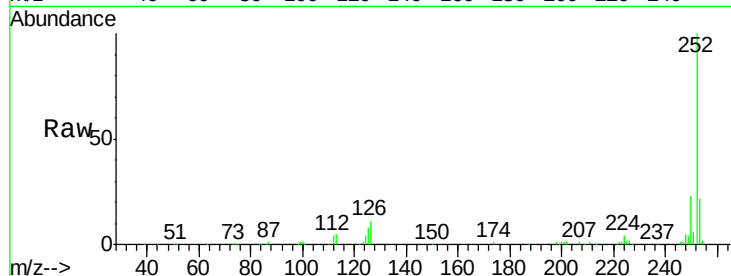
#87
 Benzo(b)fluoranthene
 Concen: 3.66 ng m
 RT: 14.73 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	8.2	5.7	8.5

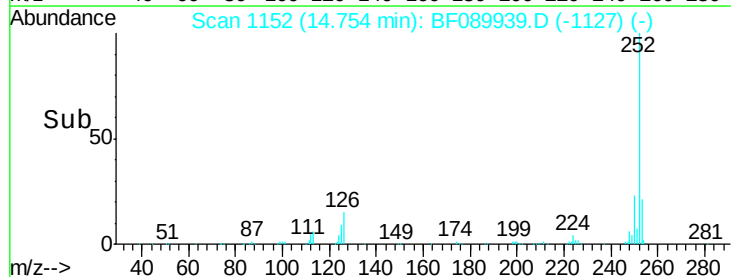
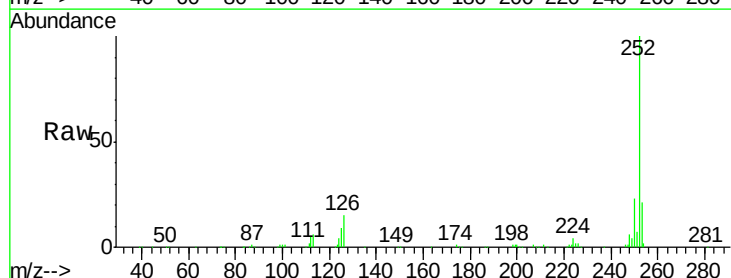
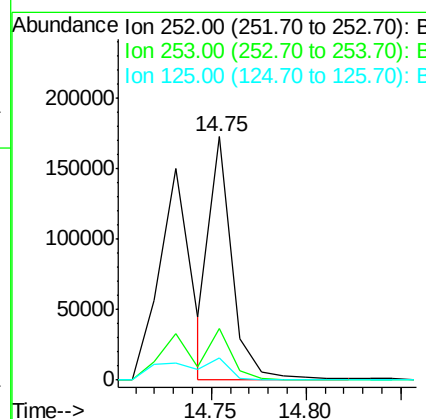
Manual Integrations
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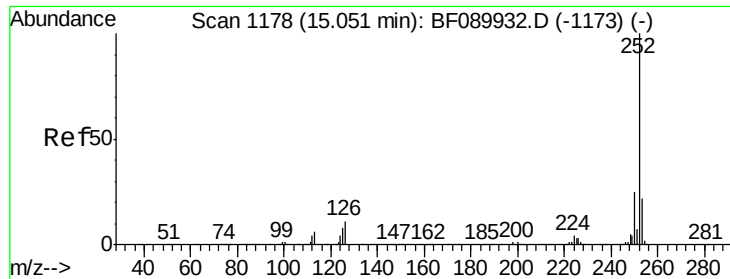
SOHIL
 9/1/2016 11:52:33 AM



#88
 Benzo(k)fluoranthene
 Concen: 3.69 ng m
 RT: 14.75 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	8.9	7.3	10.9





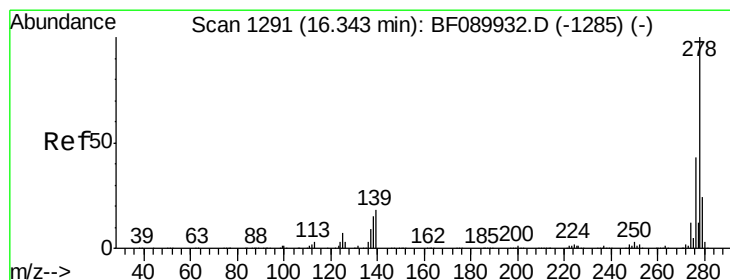
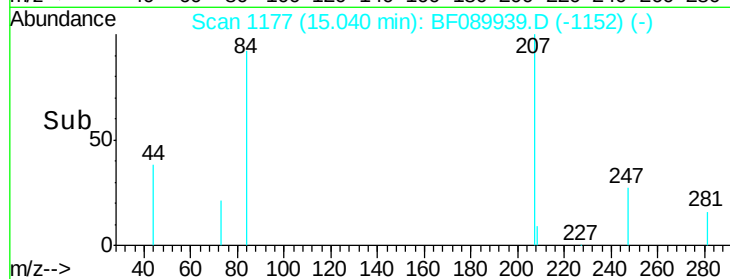
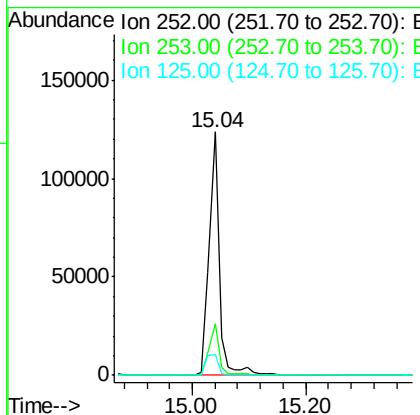
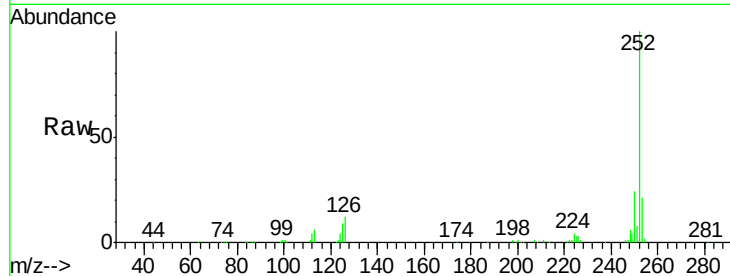
#89
Benzo(a)pyrene
Concen: 3.68 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	148606		
253	21.3	17.5	26.3	
125	8.7	6.3	9.5	

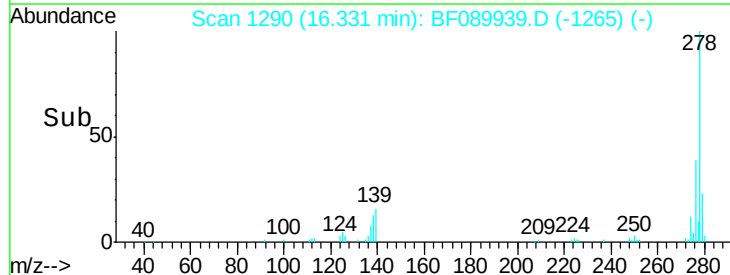
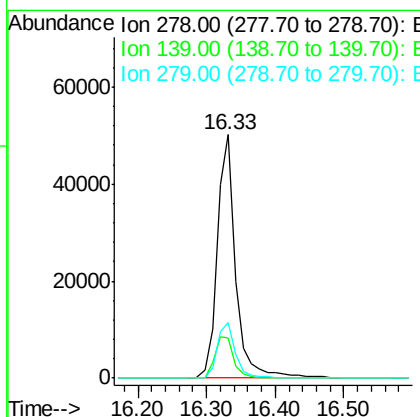
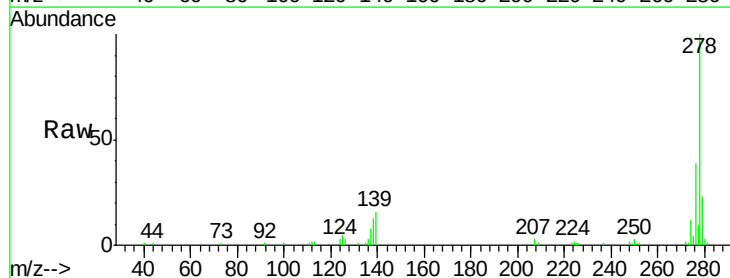
Manual Integrations
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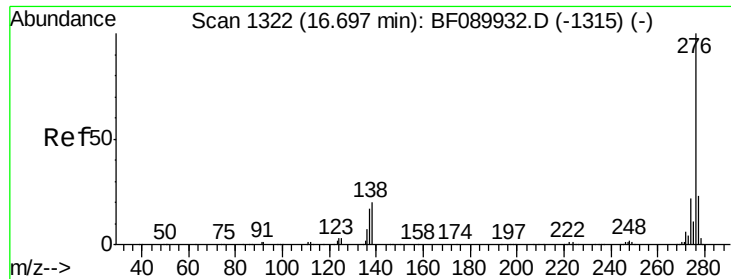
SOHIL
9/1/2016 11:52:33 AM



#90
Dibenzo(a,h)anthracene
Concen: 3.20 ng
RT: 16.33 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF089939.D
Acq: 31 Aug 2016 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	94694		
139	16.3	13.4	20.2	
279	22.9	19.4	29.2	





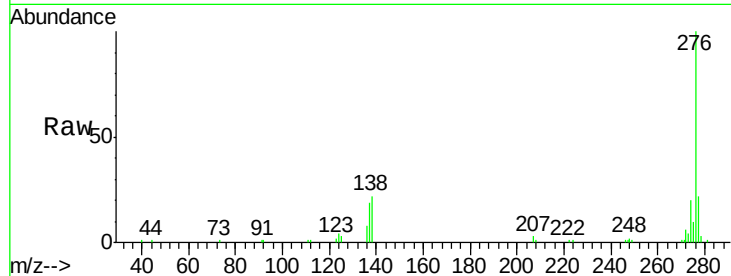
#91
 Benzo(g,h,i)perylene
 Concen: 3.29 ng
 RT: 16.67 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BF089939.D
 Acq: 31 Aug 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	97989		
277	22.3		19.0	28.4
138	21.6		16.4	24.6

Manual Integrations
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SOHIL
 9/1/2016 11:52:33 AM



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

