

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089935.D
 Acq On : 31 Aug 2016 5:29
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:52:07 AM

Quant Time: Aug 31 08:44:10 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 05:39:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	185438	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	802815	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	408788	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	791504	20.00	ng	0.00
75) Chrysene-d12	13.76	240	463873	20.00	ng	0.00
86) Perylene-d12	15.10	264	467596	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1778461	76.60	ng	0.00
7) Phenol-d6	6.30	99	1931100	67.86	ng	0.02
23) Nitrobenzene-d5	7.22	82	1877908	68.69	ng	0.01
41) 2,4,6-Tribromophenol	10.47	330	596802	76.85	ng	0.01
44) 2-Fluorobiphenyl	9.00	172	3284119	66.20	ng	0.00
78) Terphenyl-d14	12.73	244	2963402	78.45	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	423407	77.86	ng	99
3) Pyridine	2.73	79	1203121	83.26	ng	99
4) n-Nitrosodimethylamine	2.71	42	582253	80.47	ng	100
6) Aniline	6.31	93	1358683	70.27	ng	# 54
8) 2-Chlorophenol	6.43	128	943497	74.23	ng	95
9) Benzaldehyde	6.18	77	649283	70.46	ng	93
10) Phenol	6.31	94	1198717	72.43	ng	88
11) bis(2-Chloroethyl)ether	6.39	93	828821	66.63	ng	98
12) 1,3-Dichlorobenzene	6.58	146	1003559	70.33	ng	# 95
13) 1,4-Dichlorobenzene	6.66	146	1068600	73.61	ng	95
14) 1,2-Dichlorobenzene	6.81	146	851571	66.21	ng	95
15) Benzyl Alcohol	6.80	79	582283	64.36	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1721366	71.88	ng	99
17) 2-Methylphenol	6.91	107	774206	76.62	ng	99
18) Hexachloroethane	7.15	117	360403	72.58	ng	96
19) n-Nitroso-di-n-propylamine	7.08	70	692562	73.87	ng	90
20) 3+4-Methylphenols	7.07	107	787879	64.65	ng	96
22) Acetophenone	7.06	105	1273162	71.76	ng	# 94
24) Nitrobenzene	7.23	77	922720	63.86	ng	96
25) Isophorone	7.48	82	2101558	75.06	ng	99
26) 2-Nitrophenol	7.55	139	597334	85.91	ng	# 84
27) 2,4-Dimethylphenol	7.60	122	861724	65.37	ng	100
28) bis(2-Chloroethoxy)methane	7.70	93	1266966	74.59	ng	99
29) 2,4-Dichlorophenol	7.79	162	812058	69.09	ng	98
30) 1,2,4-Trichlorobenzene	7.87	180	836787	65.92	ng	97
31) Naphthalene	7.95	128	2582100	64.69	ng	99
32) Benzoic acid	7.78	122	782178	90.74	ng	96
33) 4-Chloroaniline	8.01	127	1160987	72.51	ng	# 90
34) Hexachlorobutadiene	8.08	225	535934	72.04	ng	98
35) Caprolactam	8.41	113	292620m	80.13	ng	
36) 4-Chloro-3-methylphenol	8.50	107	981148	81.05	ng	88
37) 2-Methylnaphthalene	8.64	142	1606835	61.23	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	865864	71.71	ng	99
40) Hexachlorocyclopentadiene	8.80	237	494372	79.91	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	648322	78.27	ng	95
43) 2,4,5-Trichlorophenol	8.96	196	588051	71.85	ng	97
45) 1,1'-Biphenyl	9.11	154	2000263	59.47	ng	96
46) 2-Chloronaphthalene	9.13	162	1739613	74.73	ng	96
47) 2-Nitroaniline	9.22	65	525723	69.84	ng	94
48) Acenaphthylene	9.54	152	2741760	71.58	ng	99
49) Dimethylphthalate	9.43	163	2237923	78.69	ng	99
50) 2,6-Dinitrotoluene	9.47	165	471320	69.87	ng	95
51) Acenaphthene	9.71	154	1825314	73.86	ng	99
52) 3-Nitroaniline	9.64	138	628398	88.12	ng	# 78
54) Dibenzofuran	9.88	168	2293479	71.49	ng	97
55) 4-Nitrophenol	9.80	139	420625	73.54	ng	# 62
56) 2,4-Dinitrotoluene	9.87	165	545192	64.76	ng	# 79
57) Fluorene	10.22	166	1468659	59.81	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	494648	72.23	ng	98
59) Diethylphthalate	10.11	149	1870363	65.07	ng	98
60) 4-Chlorophenyl-phenylether	10.22	204	625976	53.54	ng	# 86
61) 4-Nitroaniline	10.26	138	588830	82.62	ng	92
62) Azobenzene	10.38	77	1943305	69.91	ng	95
64) 4,6-Dinitro-2-methylphenol	10.28	198	463700	96.53	ng	# 67
65) n-Nitrosodiphenylamine	10.34	169	1581661	65.35	ng	99
66) 4-Bromophenyl-phenylether	10.71	248	609812	76.48	ng	# 86
67) Hexachlorobenzene	10.76	284	643755	69.42	ng	# 88
68) Atrazine	10.87	200	616802	80.46	ng	98
69) Pentachlorophenol	10.95	266	416124	86.75	ng	99
70) Phenanthrene	11.16	178	2657998	69.11	ng	99
71) Anthracene	11.22	178	2479937	61.22	ng	99
72) Carbazole	11.38	167	2782642	75.14	ng	99
73) Di-n-butylphthalate	11.73	149	3072711	68.35	ng	100
74) Fluoranthene	12.34	202	2578608	63.18	ng	95
76) Benzidine	12.48	184	1755786	102.47	ng	97
77) Pyrene	12.57	202	2597269	80.39	ng	98
79) Butylbenzylphthalate	13.21	149	1379352	107.95	ng	# 78
80) Benzo(a)anthracene	13.75	228	2410778	86.36	ng	98
81) 3,3'-Dichlorobenzidine	13.73	252	831863	82.37	ng	98
82) Chrysene	13.79	228	2379414	95.95	ng	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	1646406	90.73	ng	98
84) Di-n-octyl phthalate	14.38	149	2674229	92.82	ng	96
85) Indeno(1,2,3-cd)pyrene	16.34	276	1772559	93.26	ng	100
87) Benzo(b)fluoranthene	14.74	252	2073191m	71.42	ng	
88) Benzo(k)fluoranthene	14.78	252	2067872m	84.23	ng	
89) Benzo(a)pyrene	15.05	252	1857892	75.14	ng	# 95
90) Dibenzo(a,h)anthracene	16.35	278	1410540	74.93	ng	98
91) Benzo(g,h,i)perylene	16.71	276	1456841	77.36	ng	95

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

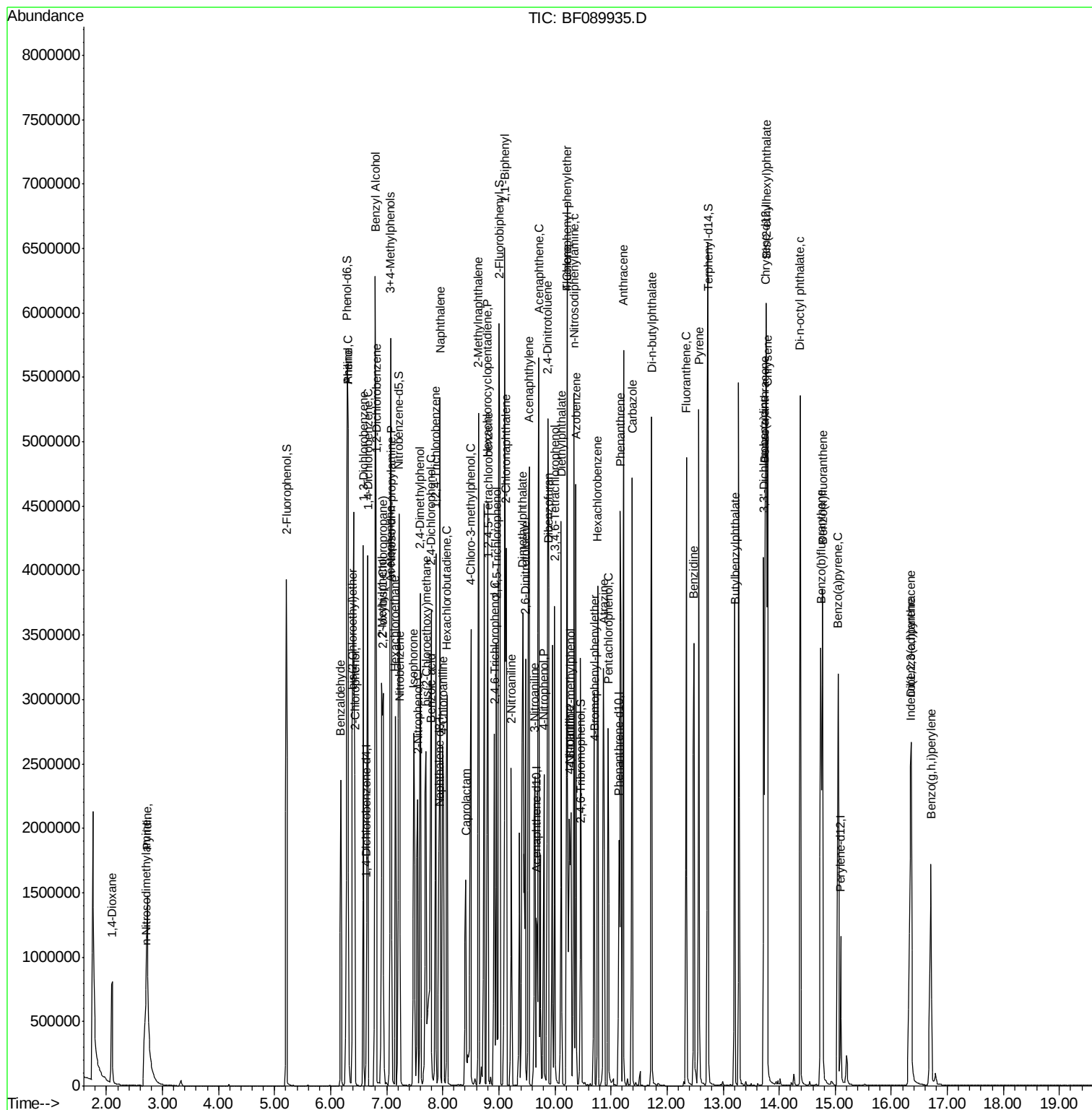
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ALS Vial  : 8    Sample Multiplier: 1
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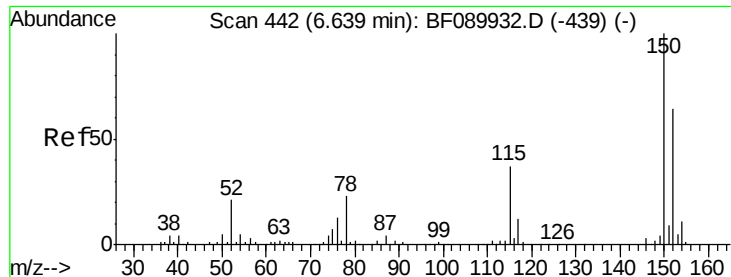
Instrument :
BNA_F
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

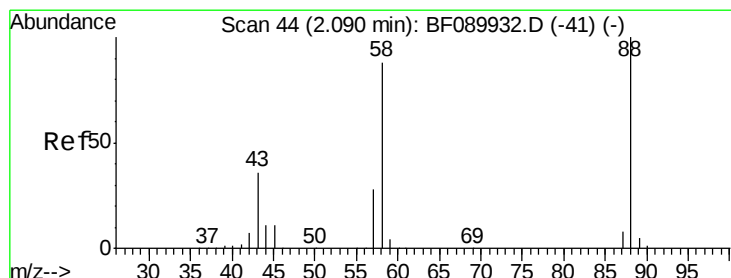
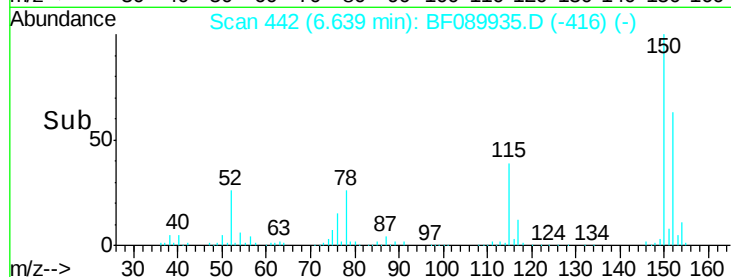
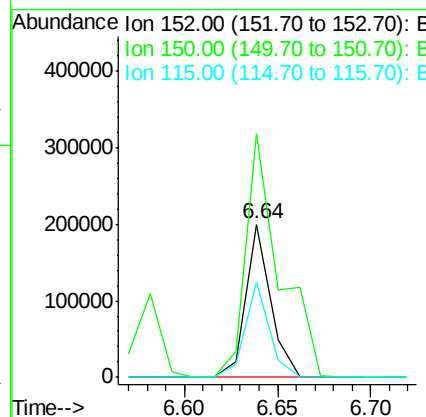
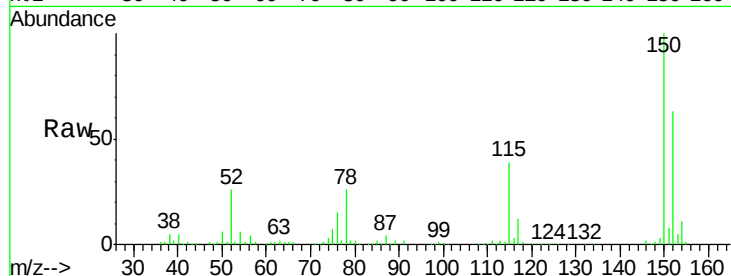
ClientSampleId :

SSTDIC080

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	127.4	191.2
115	62.2	46.3	69.5

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#2

1,4-Dioxane

Concen: 77.86 ng

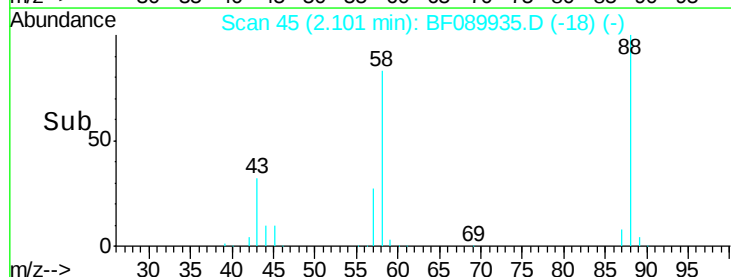
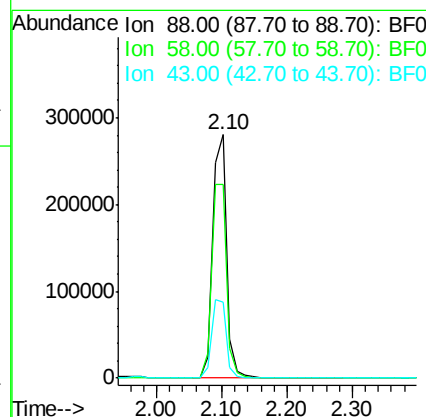
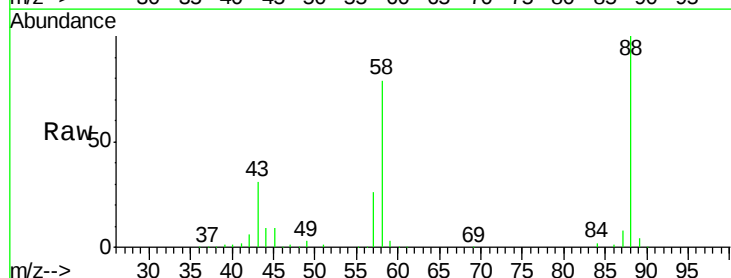
RT: 2.10 min Scan# 45

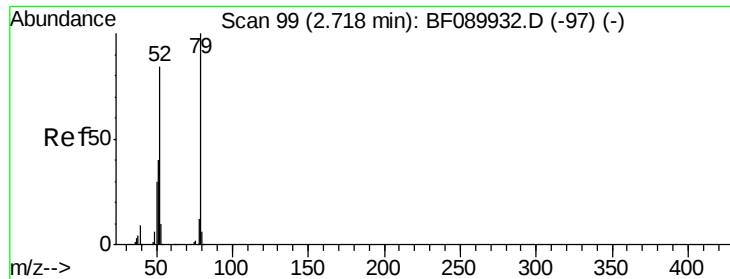
Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.2	68.8	103.2
43	33.6	27.0	40.6





#3

Pyridine

Concen: 83.26 ng

RT: 2.73 min Scan# 100

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion: 79 Resp: 1203121

Ion Ratio Lower Upper

79 100

52 83.3 67.8 101.6

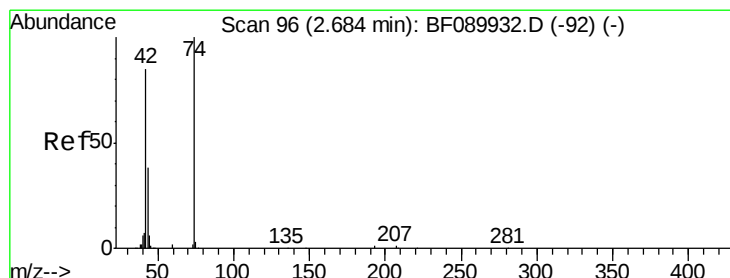
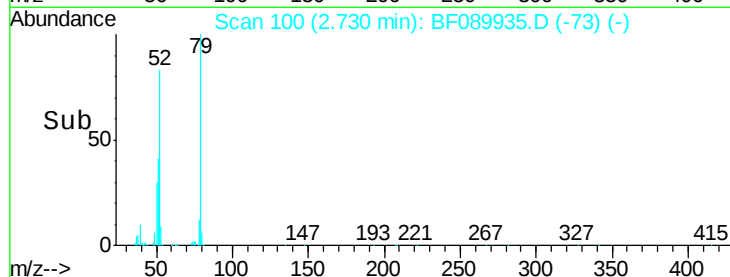
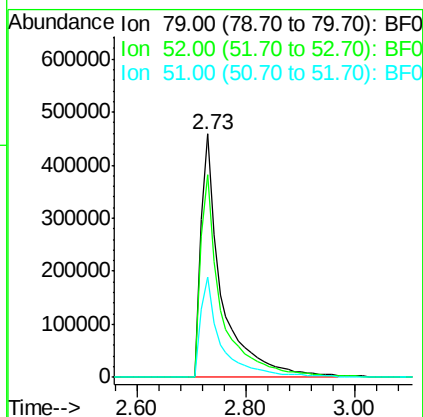
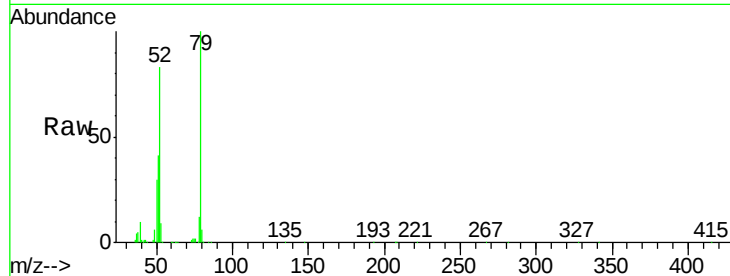
51 41.2 32.9 49.3

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#4

n-Nitrosodimethylamine

Concen: 80.47 ng

RT: 2.71 min Scan# 98

Delta R.T. 0.02 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

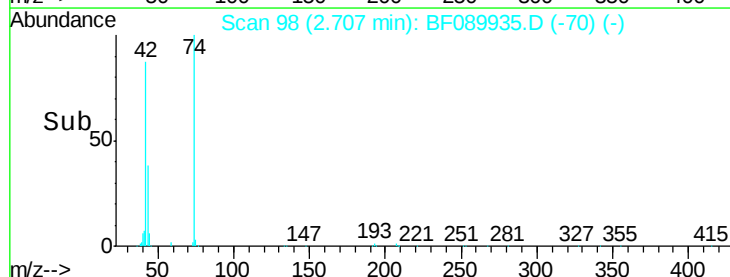
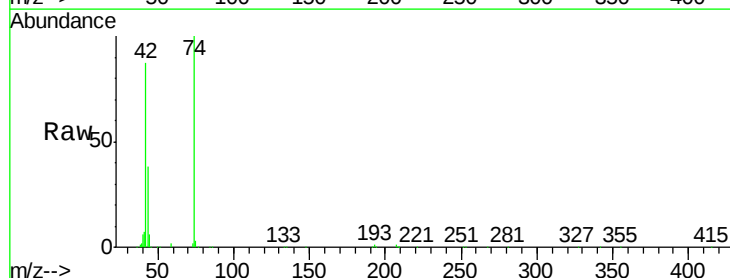
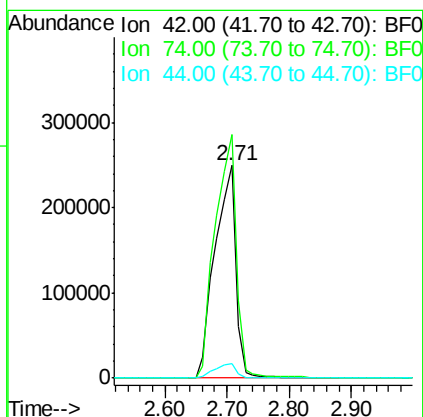
Tgt Ion: 42 Resp: 582253

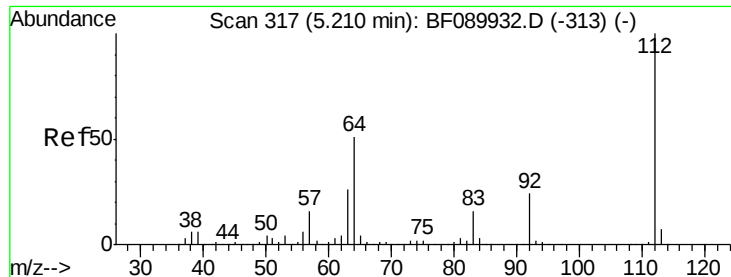
Ion Ratio Lower Upper

42 100

74 114.6 92.0 138.0

44 7.0 5.8 8.8





#5

2-Fluorophenol

Concen: 76.60 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 112 Resp: 1778461

Ion Ratio Lower Upper

112 100

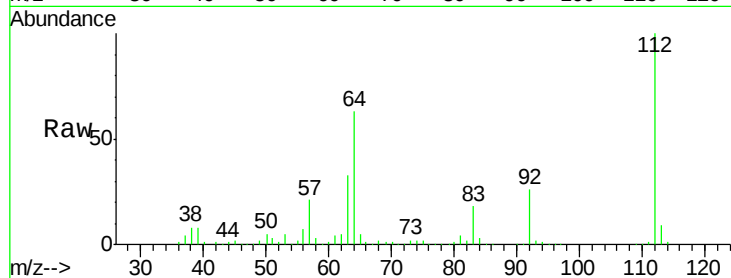
64 62.7 41.1 61.7#

63 32.5 21.2 31.8#

Manual Integrations
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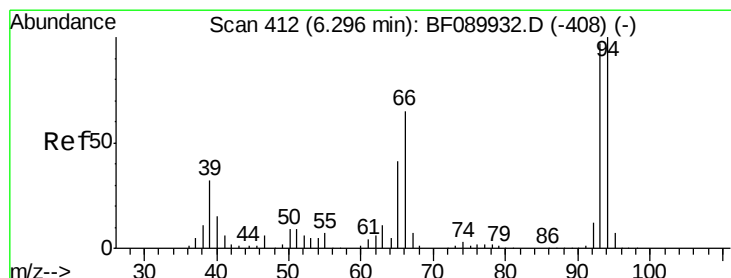
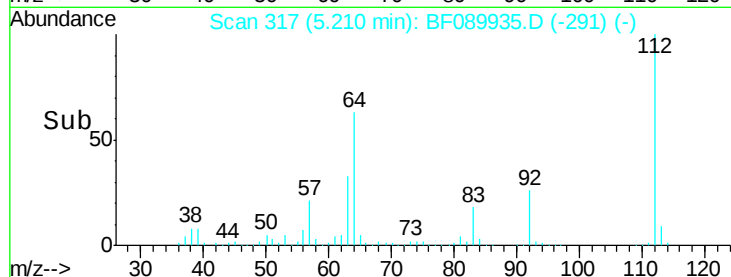
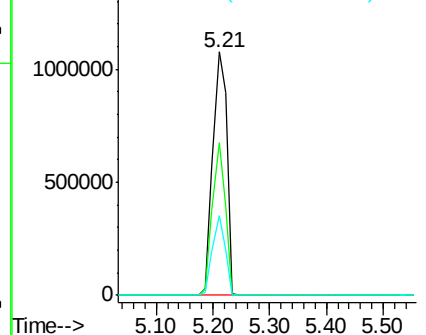
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 70.27 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

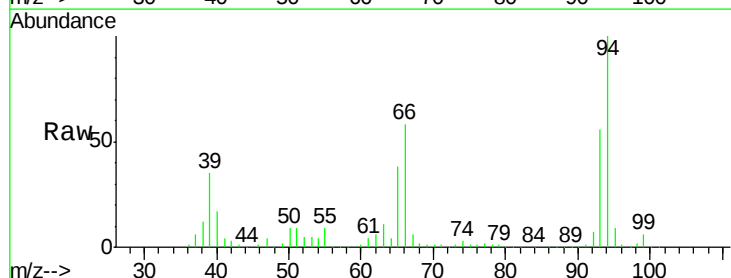
Tgt Ion: 93 Resp: 1358683

Ion Ratio Lower Upper

93 100

66 103.6 52.9 79.3#

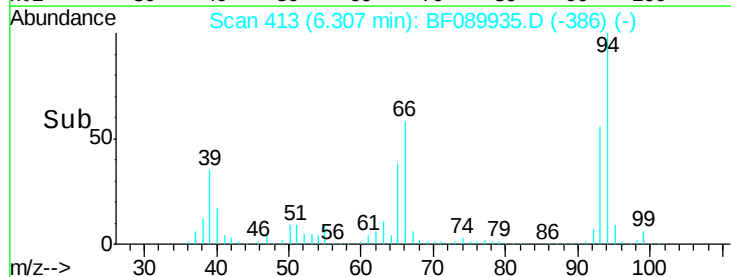
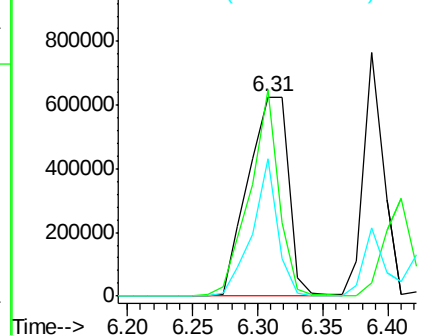
65 69.3 33.0 49.6#

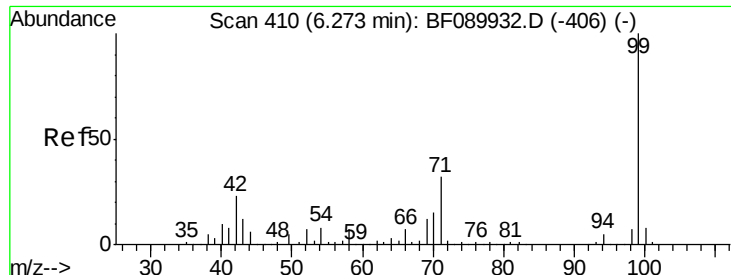


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 67.86 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.02 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

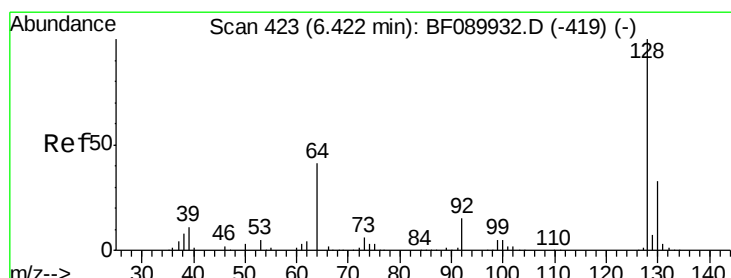
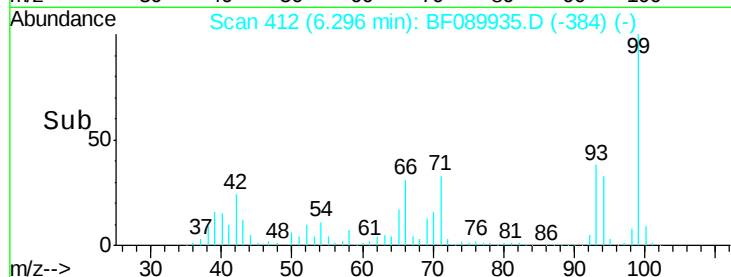
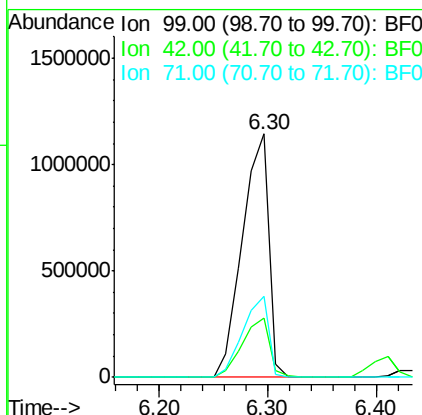
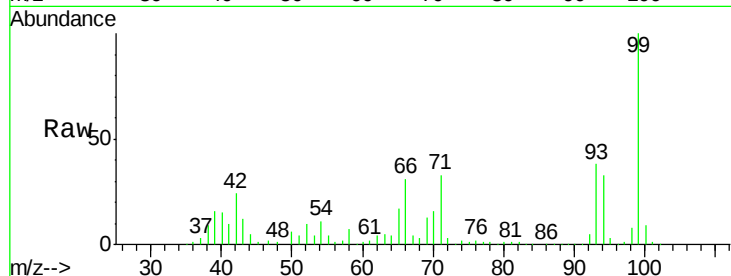
ClientSampleId :

SSTDICC080

Tgt Ion:	99	Resp:	1931100
Ion	Ratio	Lower	Upper
99	100		
42	24.1	18.6	27.8
71	33.1	25.8	38.6

Manual Integrations
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#8

2-Chlorophenol

Concen: 74.23 ng

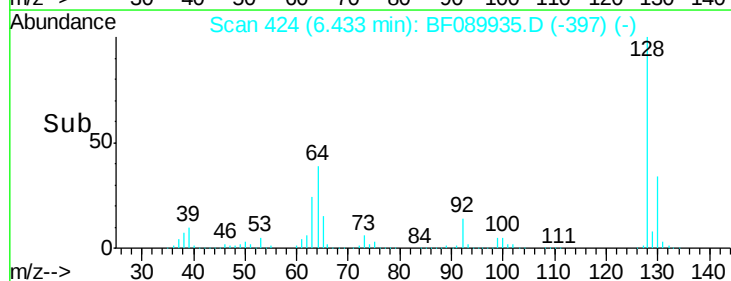
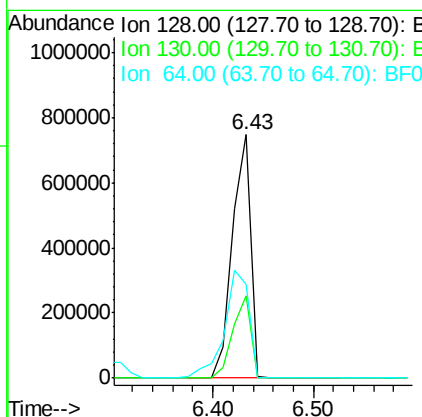
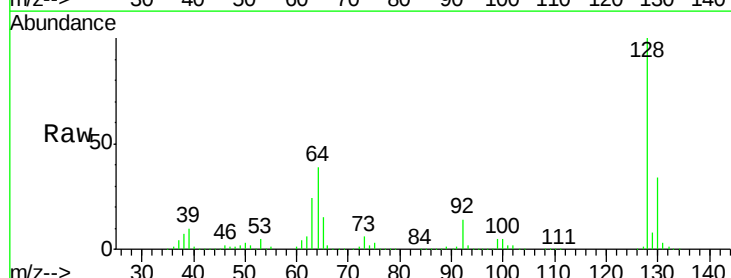
RT: 6.43 min Scan# 424

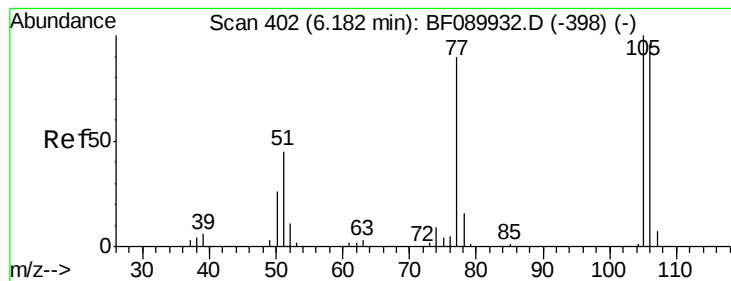
Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Tgt Ion:	128	Resp:	943497
Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.8	52.8
64	38.7	23.2	63.2





#9

Benzaldehyde

Concen: 70.46 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

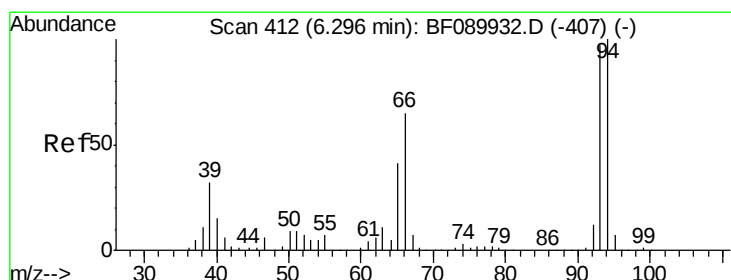
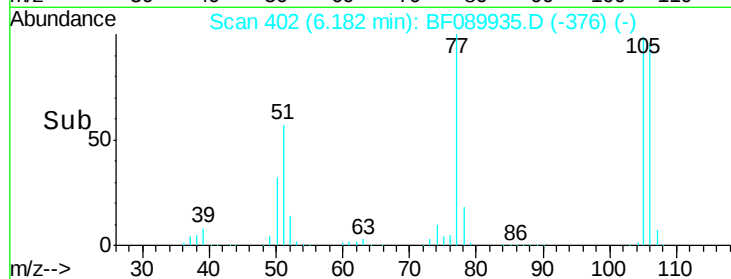
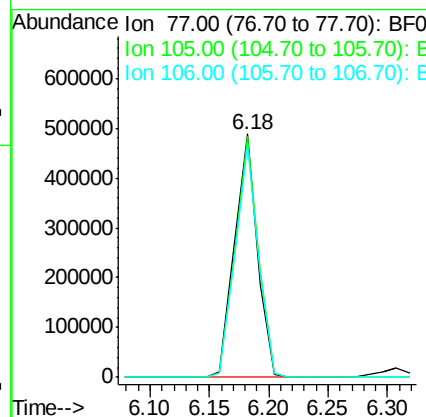
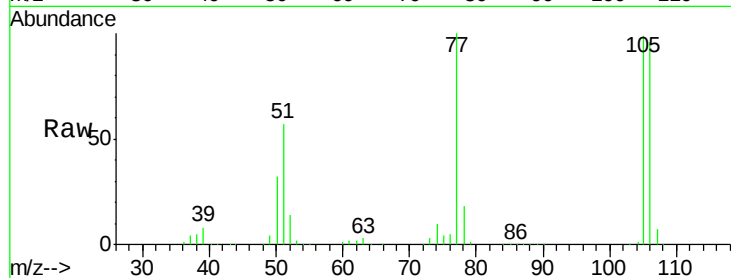
ClientSampleId :

SSTDIC080

Tgt Ion:	77	Resp:	649283
Ion	Ratio	Lower	Upper
77	100		
105	99.2	85.4	125.4
106	95.6	83.4	123.4

Manual Integrations
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#10

Phenol

Concen: 72.43 ng

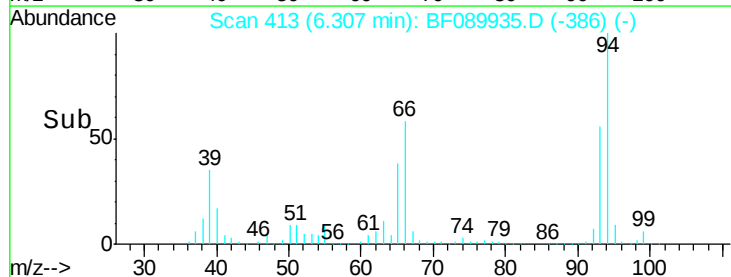
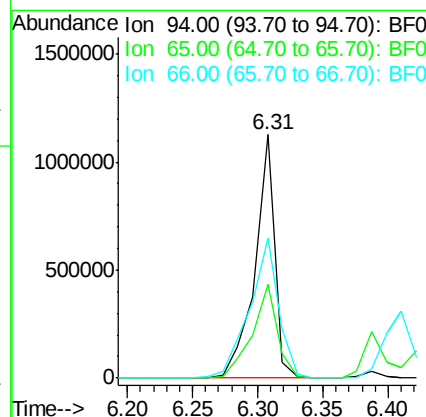
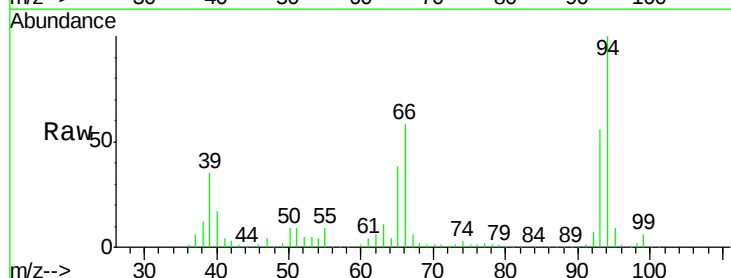
RT: 6.31 min Scan# 413

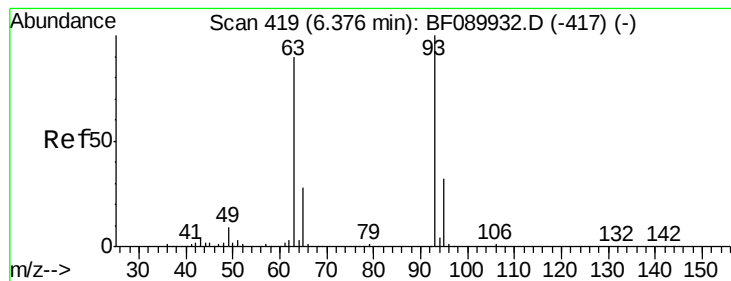
Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Tgt Ion:	94	Resp:	1198717
Ion	Ratio	Lower	Upper
94	100		
65	38.5	23.2	63.2
66	57.5	49.2	89.2





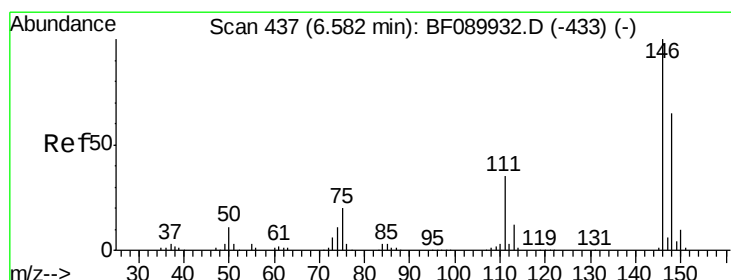
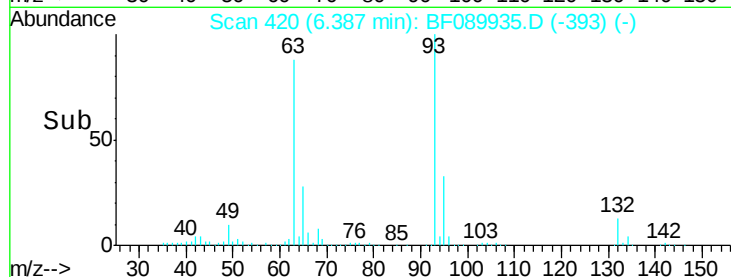
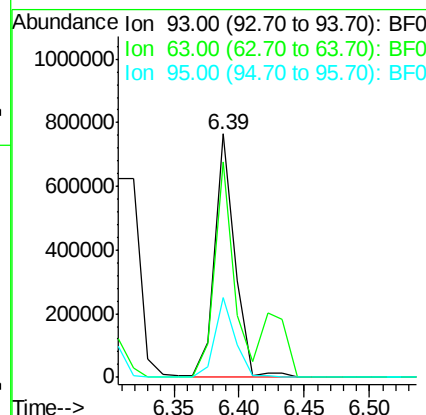
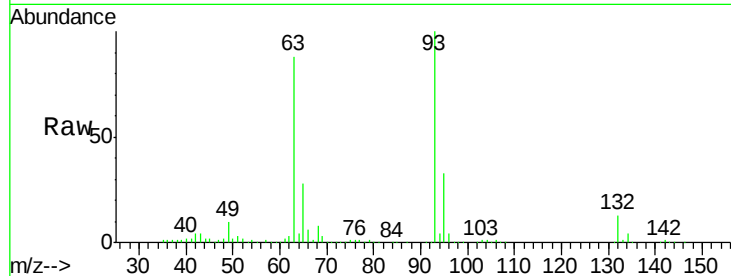
#11
bis(2-Chloroethyl)ether
Concen: 66.63 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
93	100		
63	88.5	71.1	111.1
95	32.6	12.4	52.4

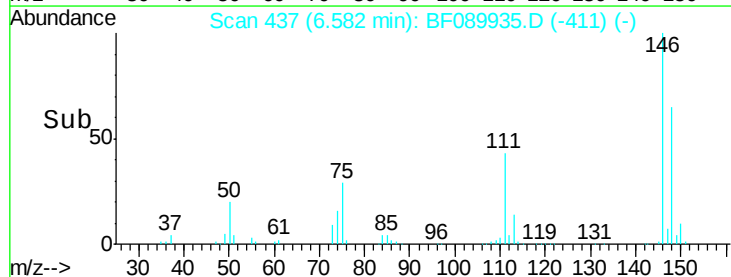
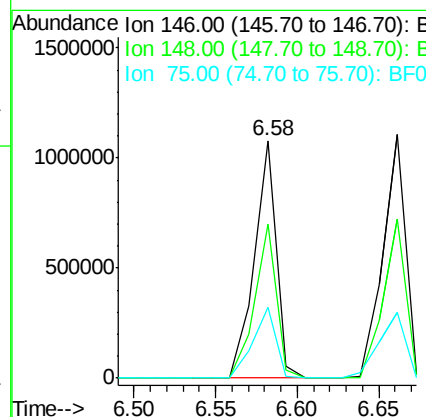
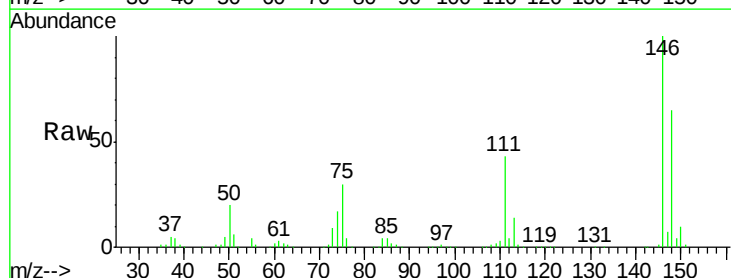
Manual Integrations
APPROVED

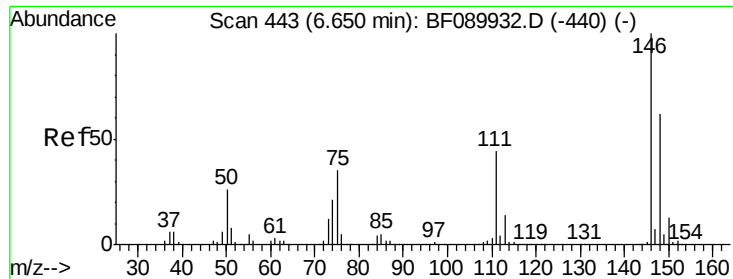
SOHIL
9/1/2016 11:52:07 AM



#12
1,3-Dichlorobenzene
Concen: 70.33 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.5	78.7
75	29.6	16.6	24.8





#13

1,4-Dichlorobenzene

Concen: 73.61 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 1068600

Ion Ratio Lower Upper

146 100

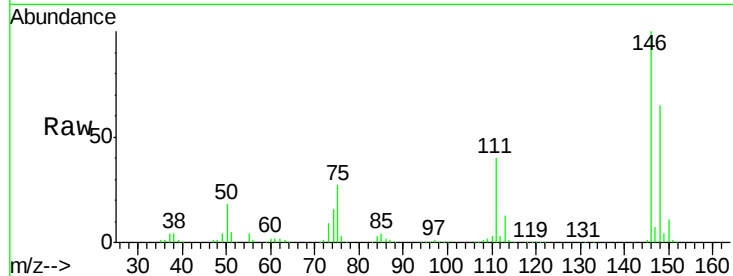
148 65.2 50.1 75.1

111 39.9 35.8 53.6

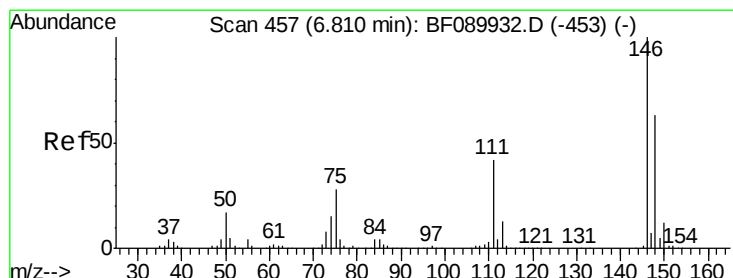
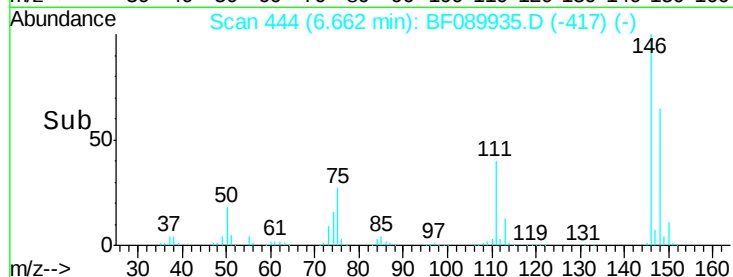
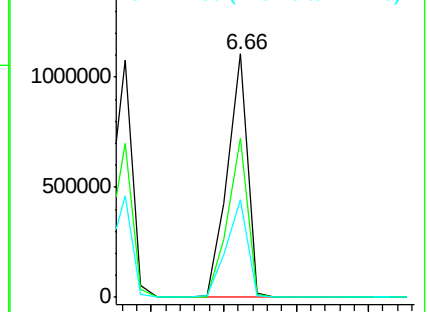
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Abundance Ion 146.00 (145.70 to 146.70): E
1500000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 66.21 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

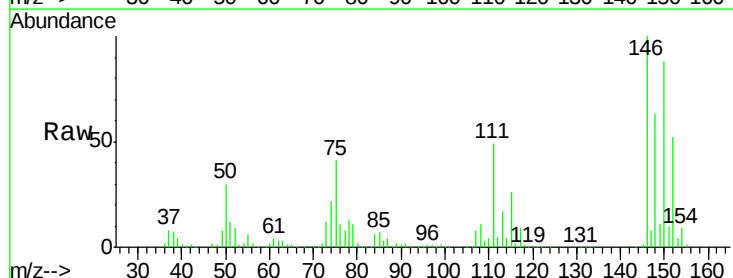
Tgt Ion:146 Resp: 851571

Ion Ratio Lower Upper

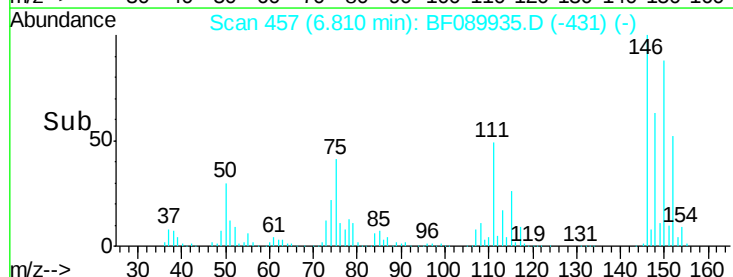
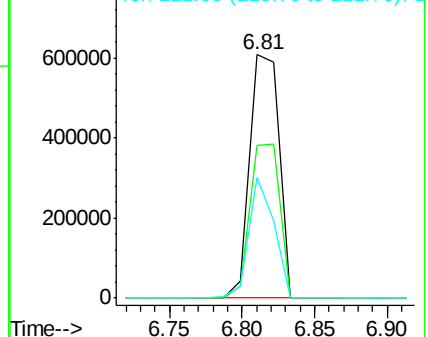
146 100

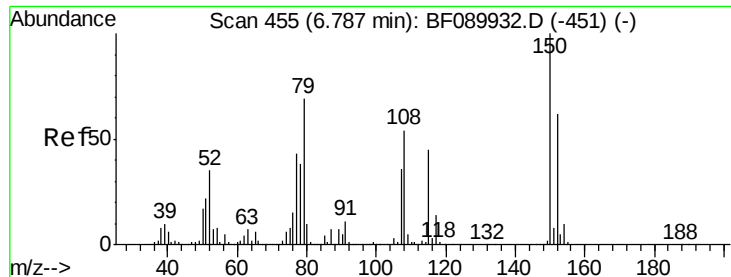
148 62.6 51.4 77.2

111 49.4 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E
800000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 64.36 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

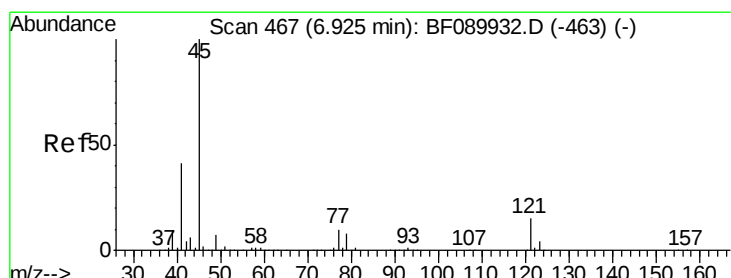
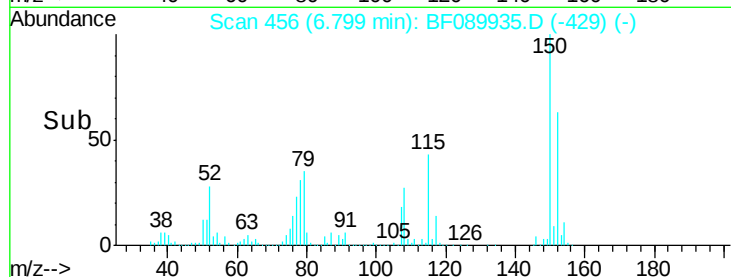
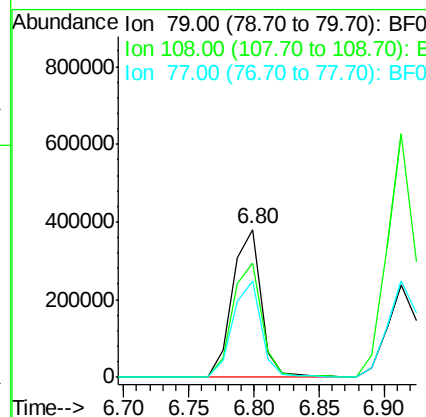
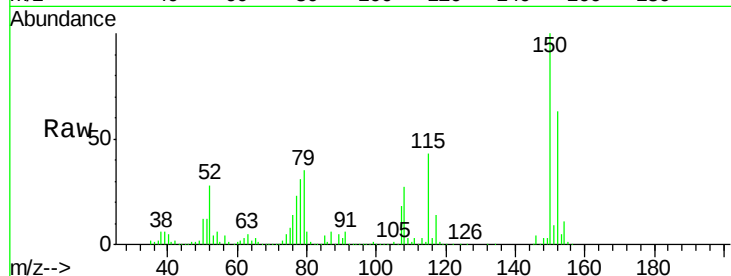
ClientSampleId :

SSTDICC080

Tgt Ion:	79	Resp:	582283
Ion Ratio	Lower	Upper	
79	100		
108	77.0	62.1	93.1
77	64.9	50.1	75.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 71.88 ng

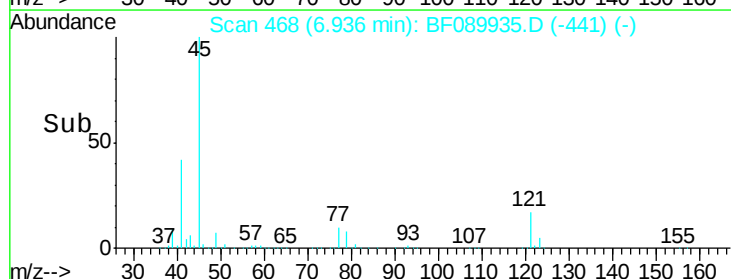
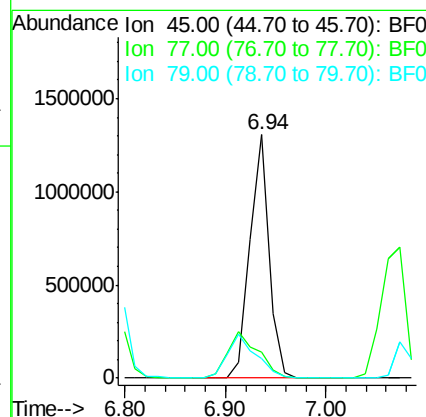
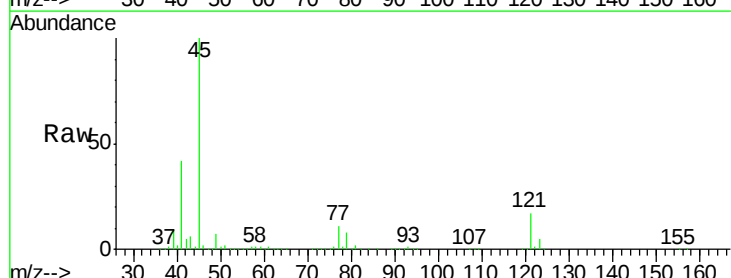
RT: 6.94 min Scan# 468

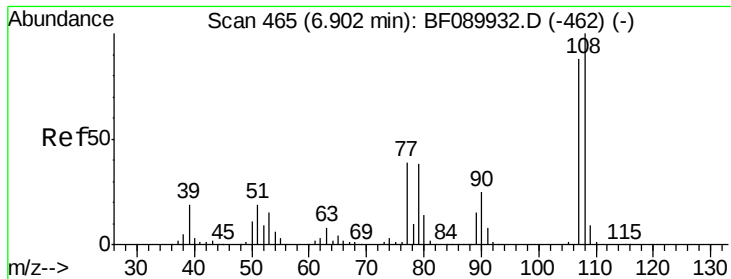
Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Tgt Ion:	45	Resp:	1721366
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	30.3
79	8.3	0.0	27.5





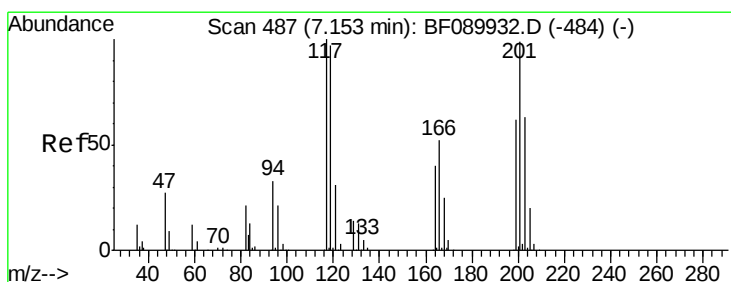
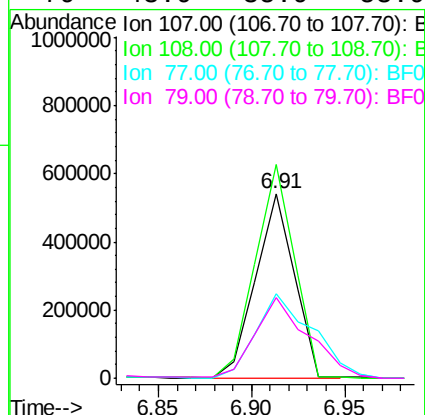
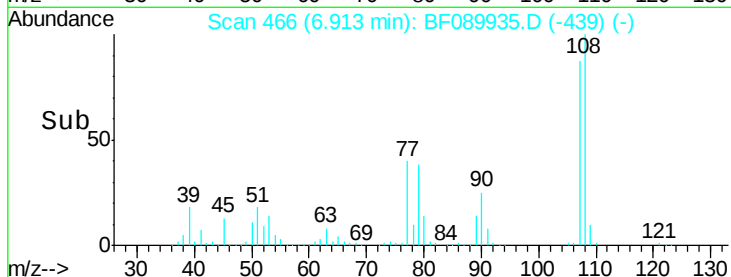
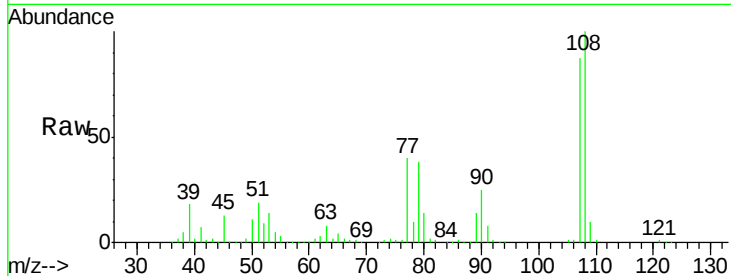
#17
2-Methylphenol
Concen: 76.62 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt	Ion	107	Resp:	774206
Ion	Ratio	Lower	Upper	
107	100			
108	115.6	91.8	137.6	
77	45.9	36.0	54.0	
79	43.9	35.9	53.9	

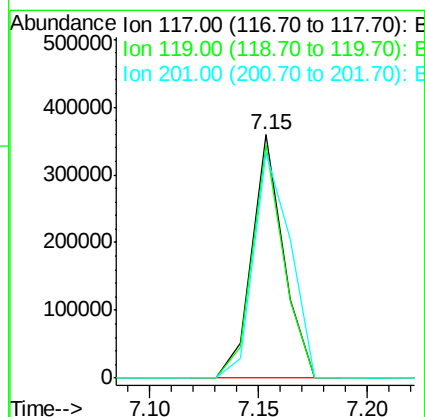
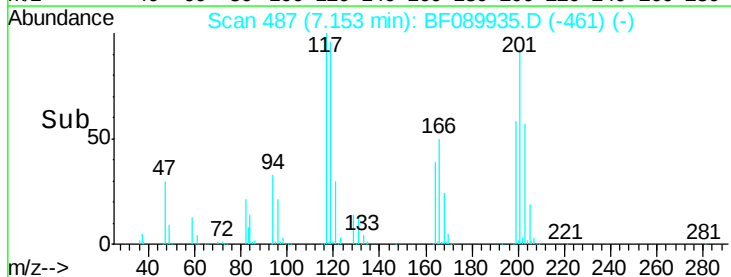
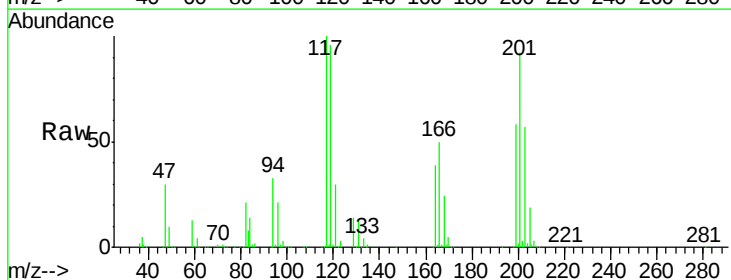
Manual Integrations
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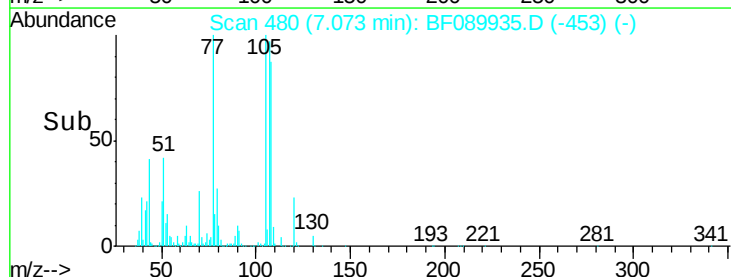
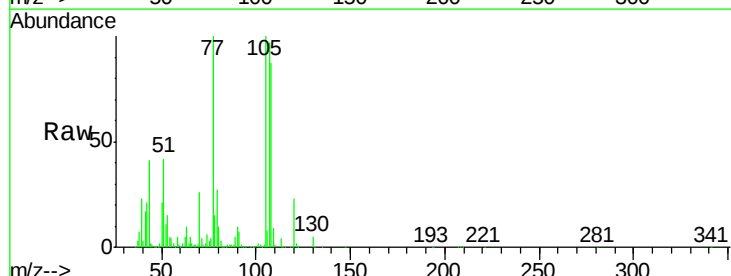
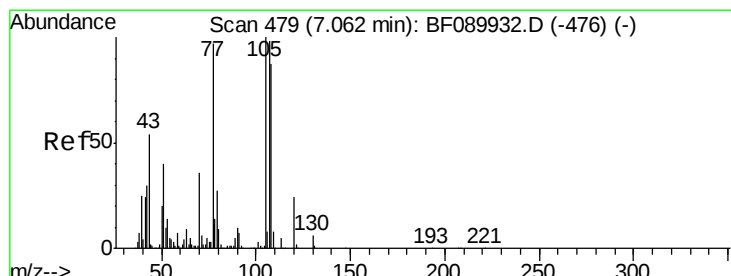
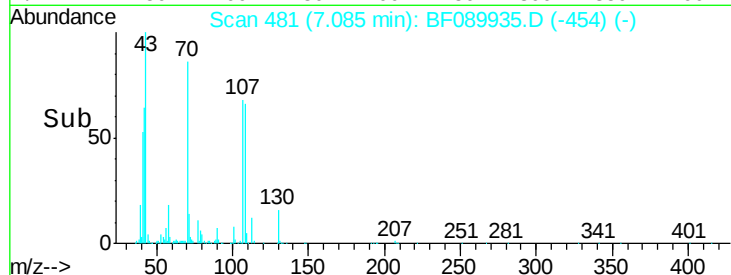
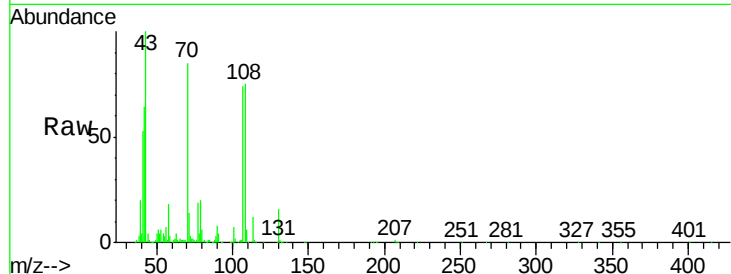
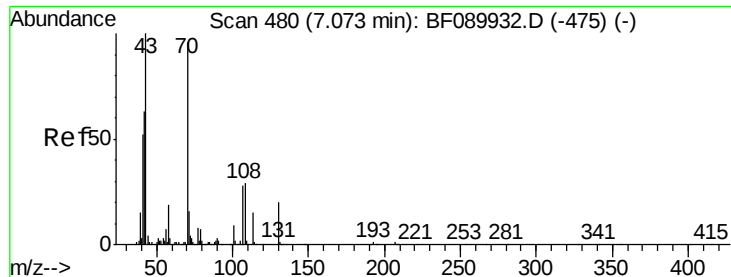
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#18
Hexachloroethane
Concen: 72.58 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt	Ion	117	Resp:	360403
Ion	Ratio	Lower	Upper	
117	100			
119	95.9	76.2	114.2	
201	92.4	80.2	120.2	





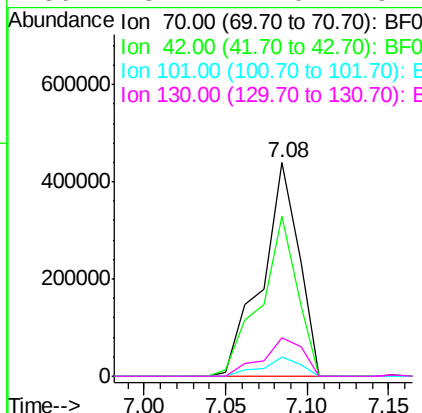
#19
n-Nitroso-di-n-propylamine
Concen: 73.87 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.2	52.1	78.1
101	8.8	7.4	11.2
130	18.2	17.0	25.4

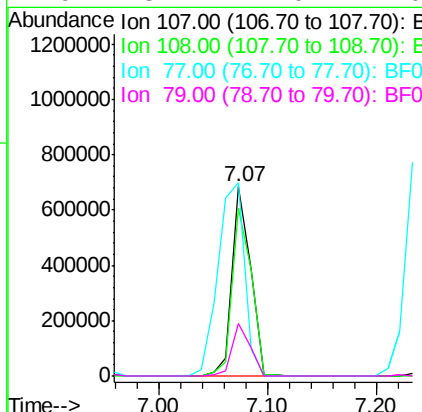
Manual Integrations
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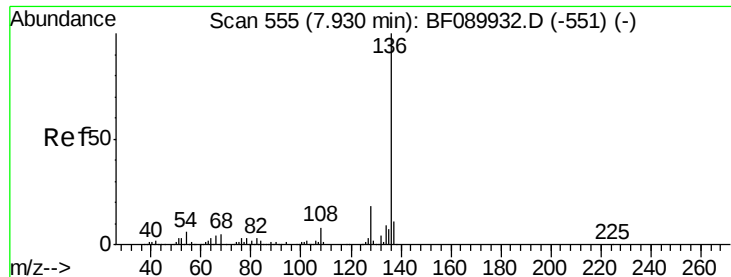
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#20
3+4-Methylphenols
Concen: 64.65 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	70.2	110.2
77	102.6	75.7	115.7
79	28.1	7.0	47.0





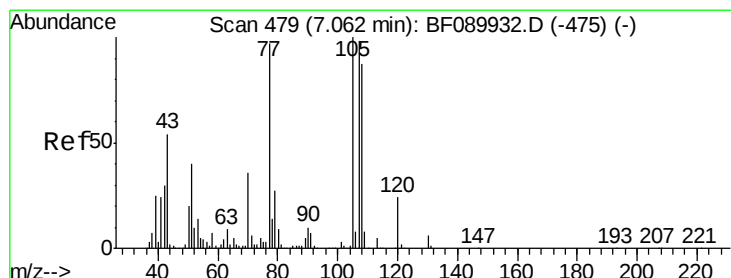
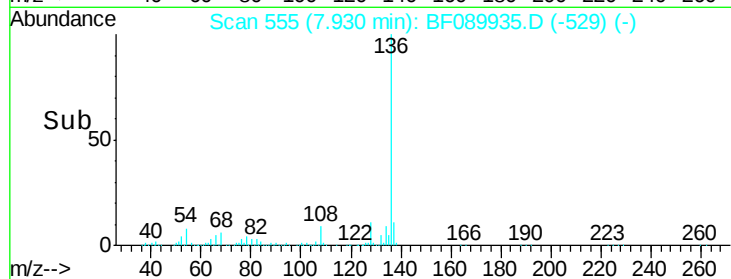
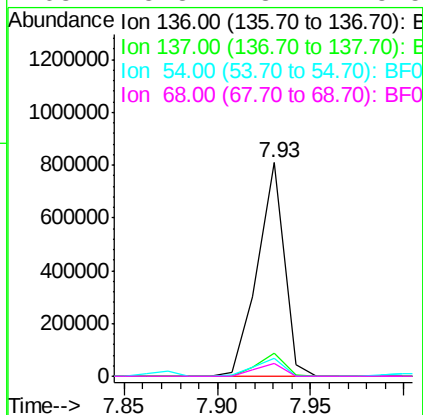
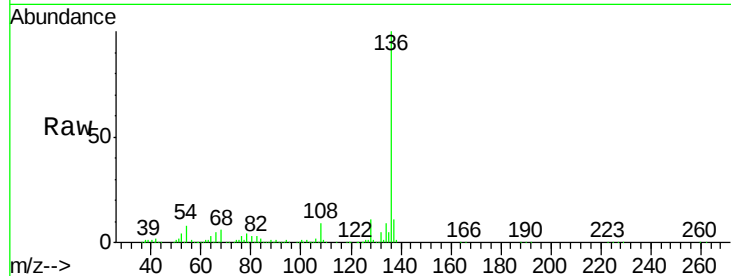
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	802815		
137	11.0	8.3	12.5	
54	8.2	4.8	7.2#	
68	5.8	3.7	5.5#	

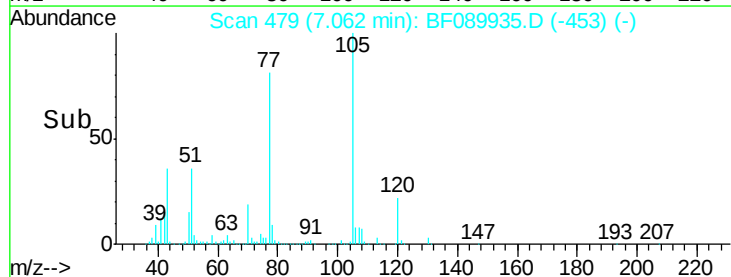
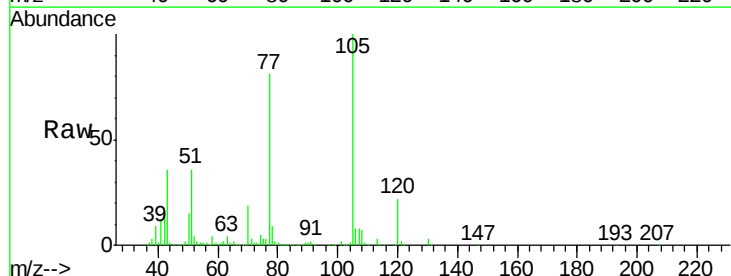
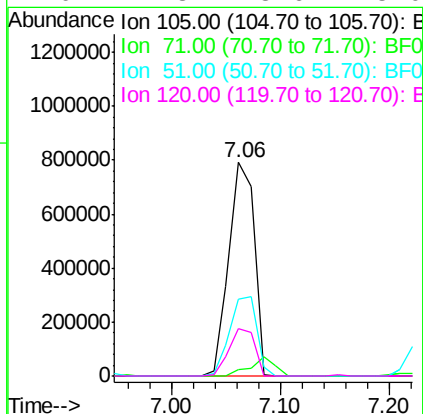
Manual Integrations
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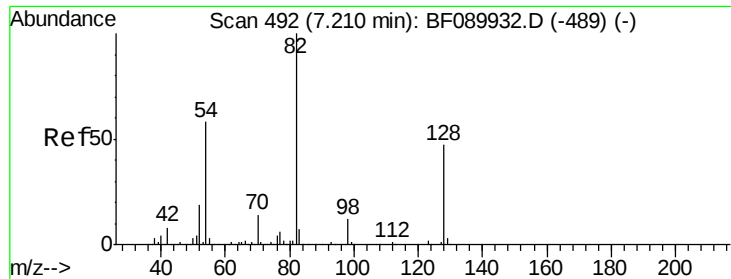
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#22
Acetophenone
Concen: 71.76 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1273162		
71	3.2	5.3	7.9#	
51	36.0	32.6	48.8	
120	22.3	18.6	28.0	





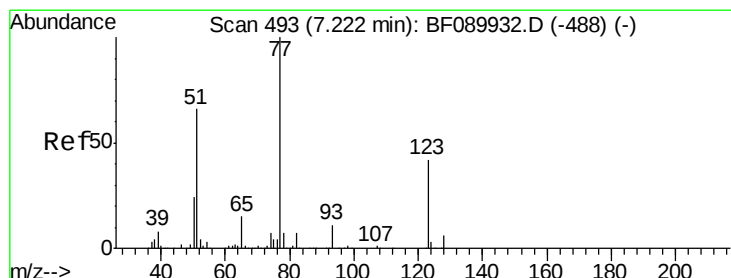
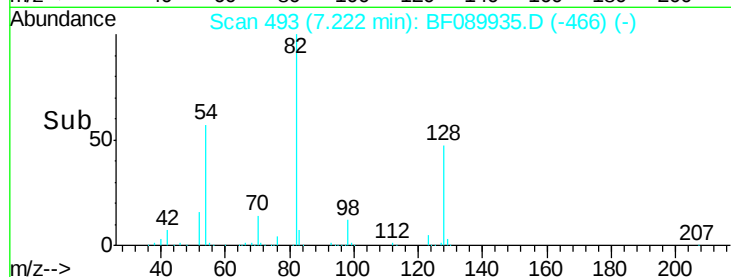
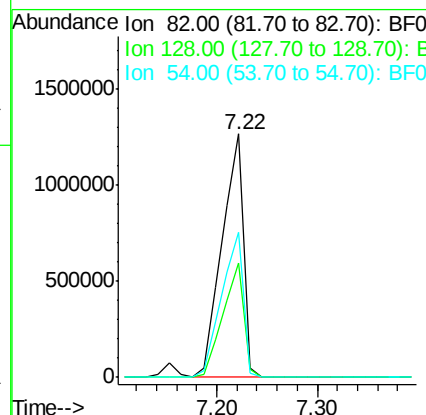
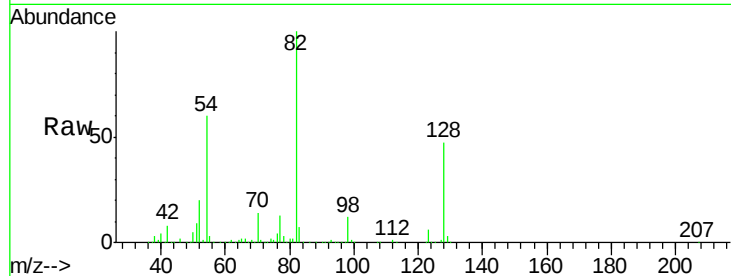
#23
 Nitrobenzene-d5
 Concen: 68.69 ng
 RT: 7.22 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion: 82 Resp: 1877908
 Ion Ratio Lower Upper
 82 100
 128 46.7 37.8 56.8
 54 59.7 46.9 70.3

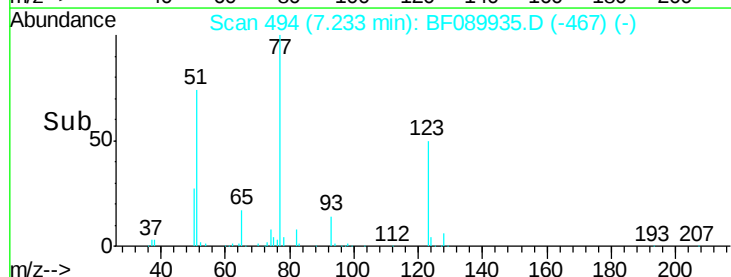
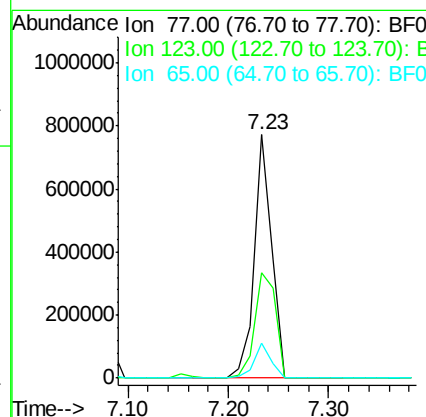
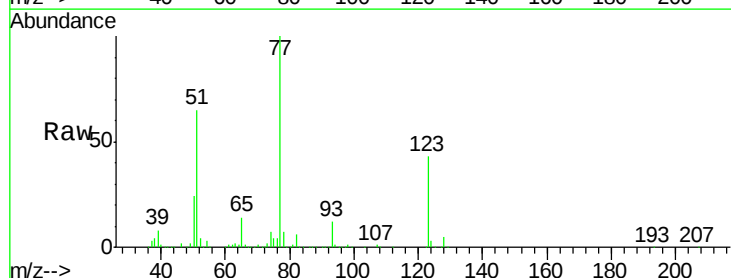
Manual Integrations
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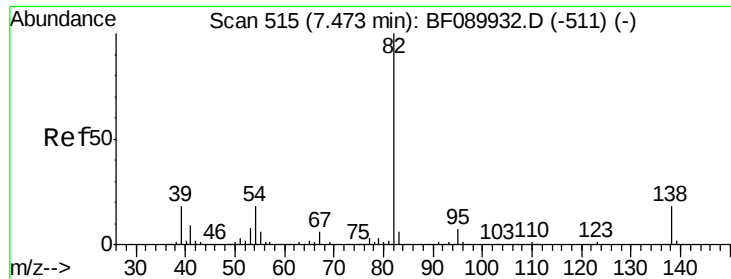
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#24
 Nitrobenzene
 Concen: 63.86 ng
 RT: 7.23 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Tgt Ion: 77 Resp: 922720
 Ion Ratio Lower Upper
 77 100
 123 43.3 32.0 48.0
 65 14.3 11.2 16.8





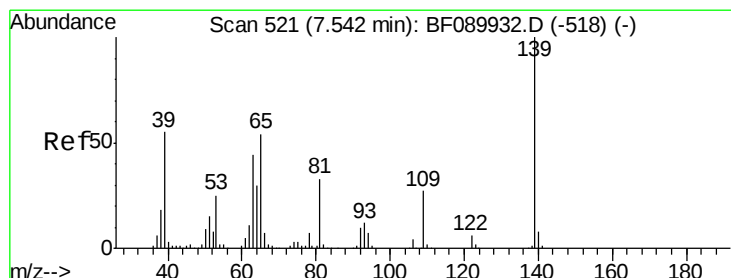
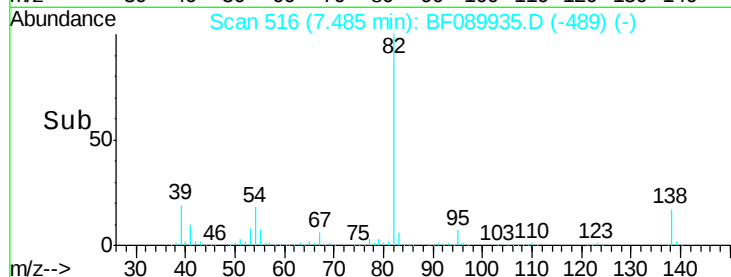
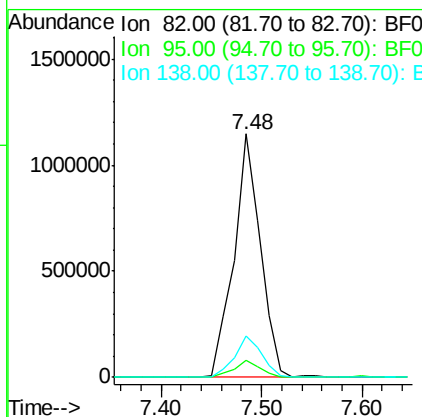
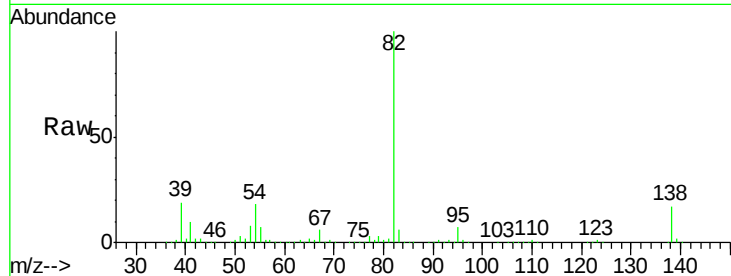
#25
Isophorone
Concen: 75.06 ng
RT: 7.48 min Scan# 516
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion: 82 Resp: 2101558
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.2 14.4 21.6

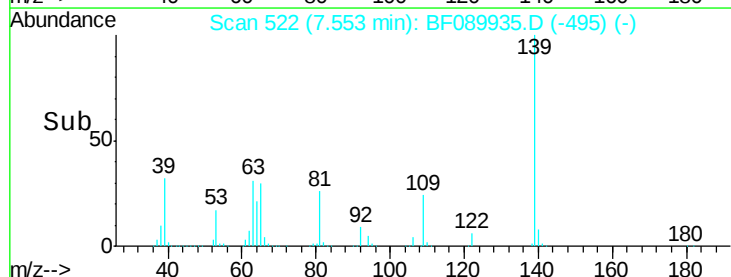
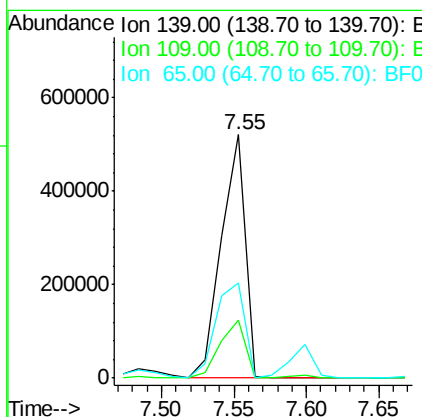
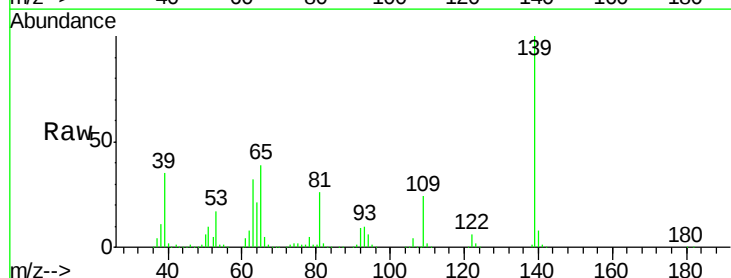
Manual Integrations
APPROVED

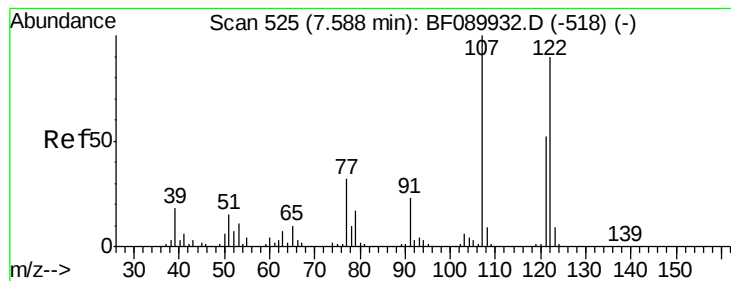
SOHIL
9/1/2016 11:52:07 AM



#26
2-Nitrophenol
Concen: 85.91 ng
RT: 7.55 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion: 139 Resp: 597334
Ion Ratio Lower Upper
139 100
109 23.9 21.0 31.4
65 39.0 43.4 65.0#





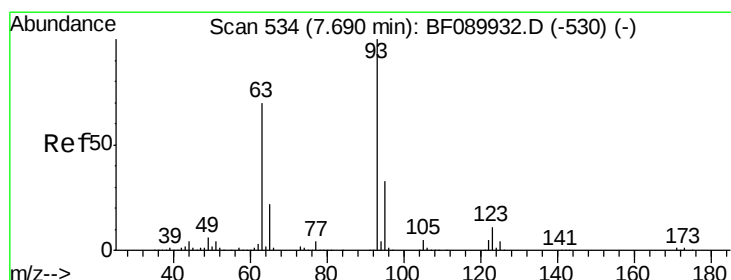
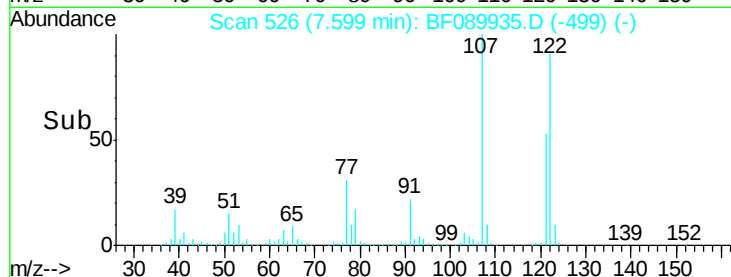
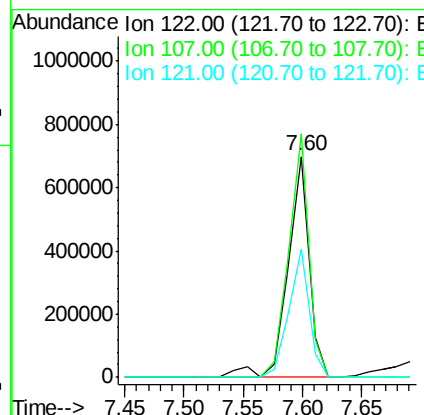
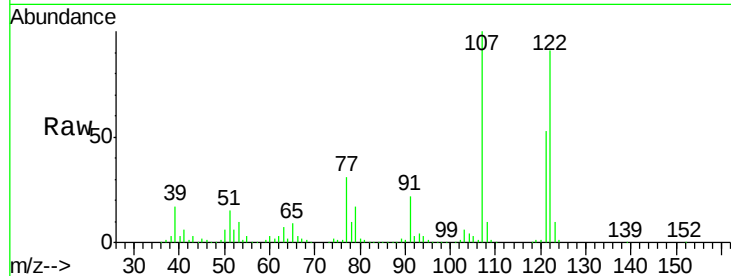
#27
 2,4-Dimethylphenol
 Concen: 65.37 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.4	88.5	132.7
121	58.3	46.0	69.0

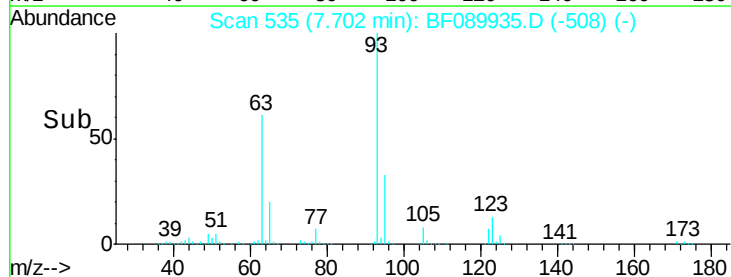
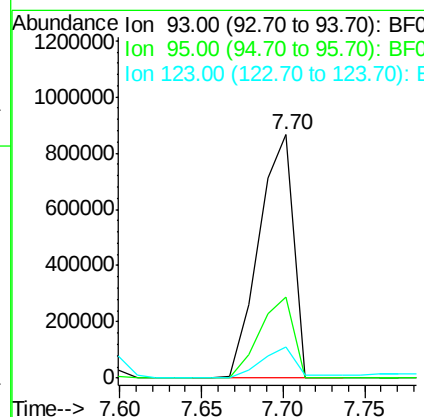
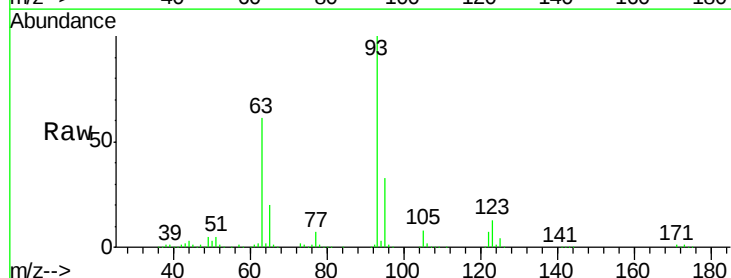
Manual Integrations
 APPROVED

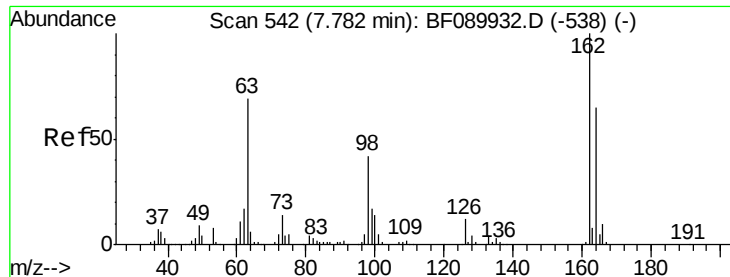
SOHIL
 9/1/2016 11:52:07 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 74.59 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.6	40.0
123	12.6	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 69.09 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

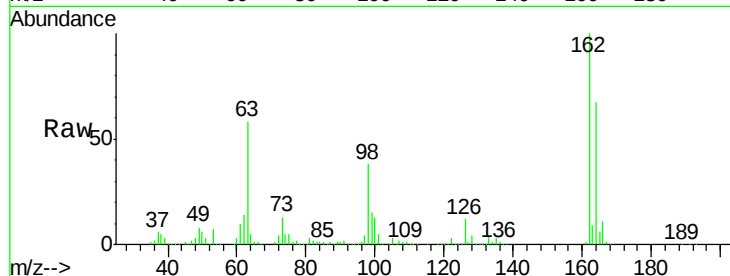
ClientSampleId :

SSTDIC080

Tgt Ion:	162	Resp:	812058
Ion Ratio	Lower	Upper	
162	100		
164	66.6	46.6	86.6
98	38.2	22.0	62.0

Manual Integrations
APPROVED

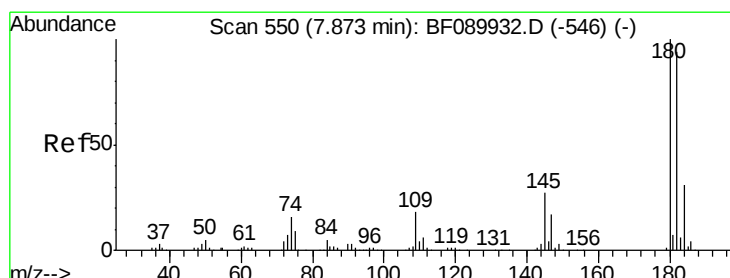
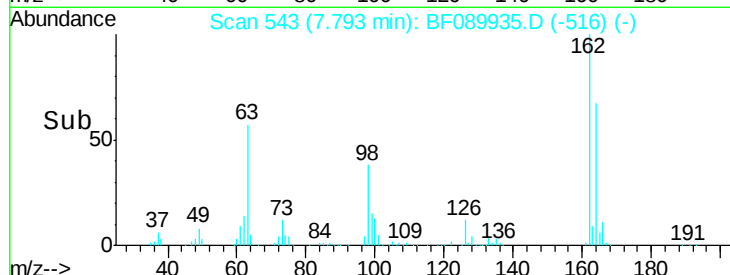
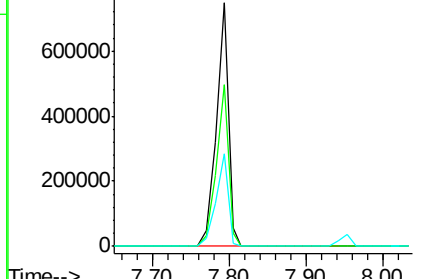
SOHIL
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 65.92 ng

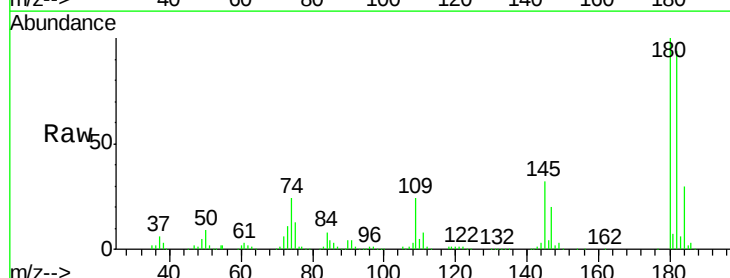
RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

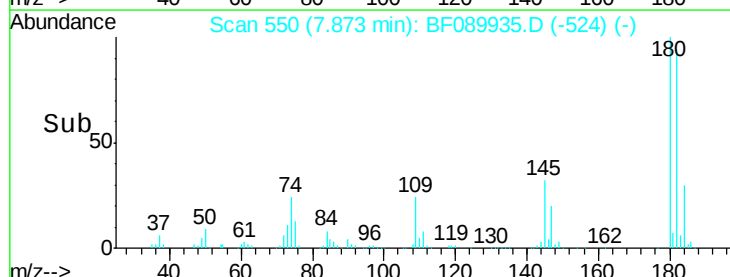
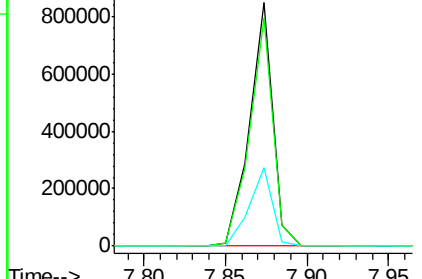
Tgt Ion:	180	Resp:	836787
Ion Ratio	Lower	Upper	
180	100		
182	93.7	76.2	114.2
145	32.3	22.2	33.4

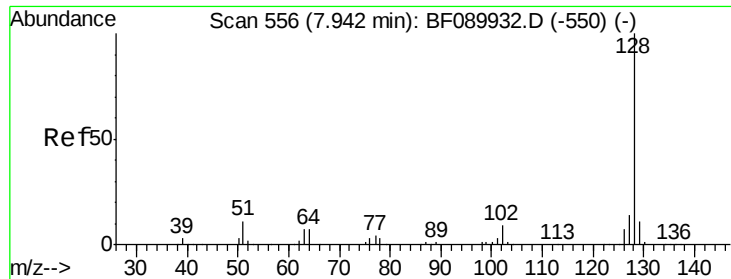


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





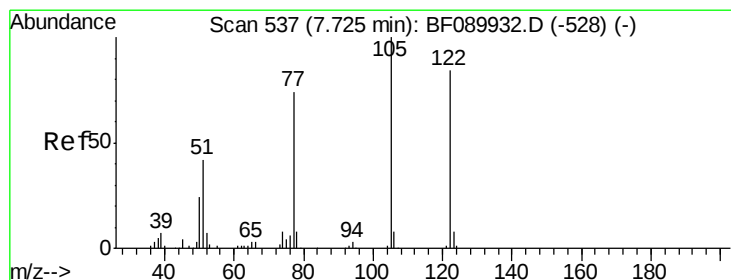
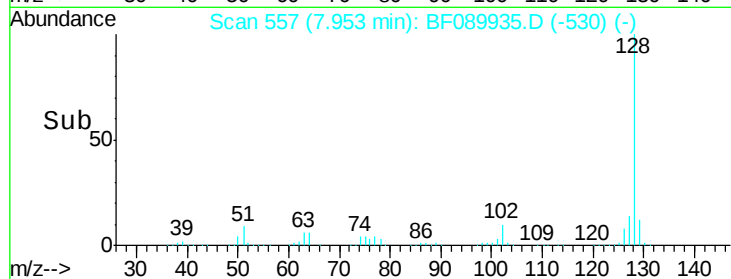
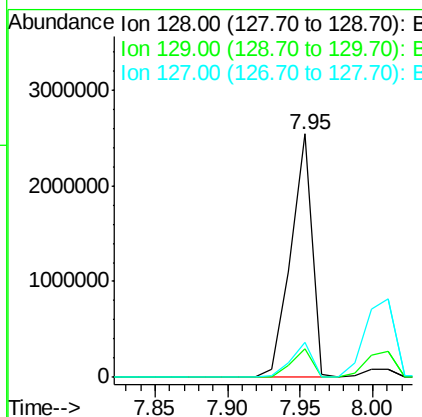
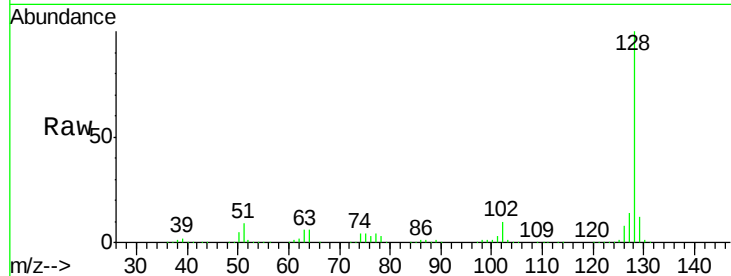
#31
Naphthalene
Concen: 64.69 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion:128 Resp: 2582100
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 14.2 10.7 16.1

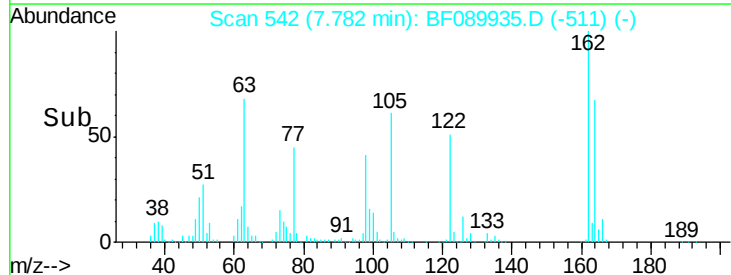
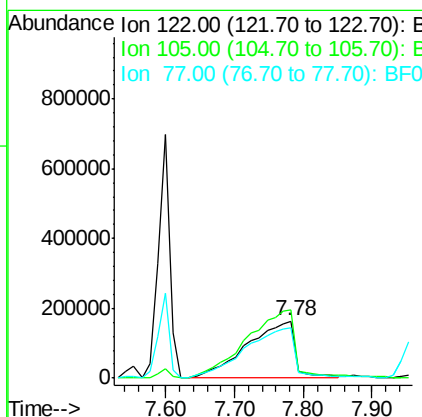
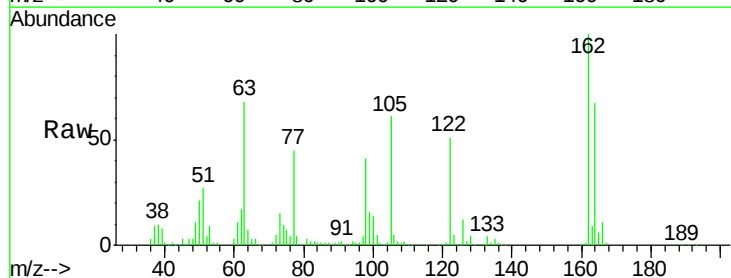
Manual Integrations
APPROVED

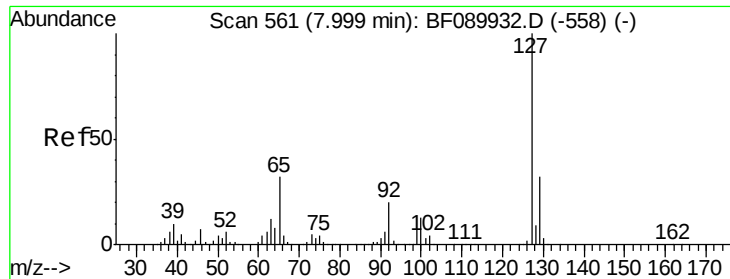
SOHIL
9/1/2016 11:52:07 AM



#32
Benzoic acid
Concen: 90.74 ng
RT: 7.78 min Scan# 542
Delta R.T. 0.06 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion:122 Resp: 782178
Ion Ratio Lower Upper
122 100
105 118.9 102.2 142.2
77 87.9 74.1 114.1





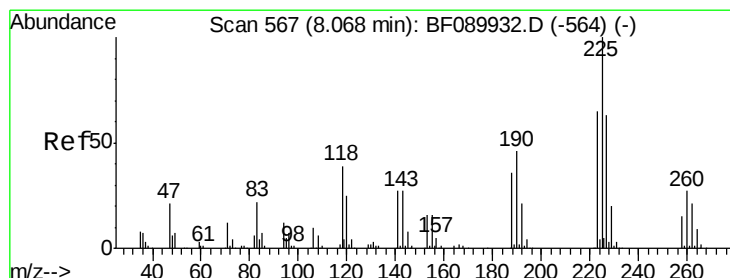
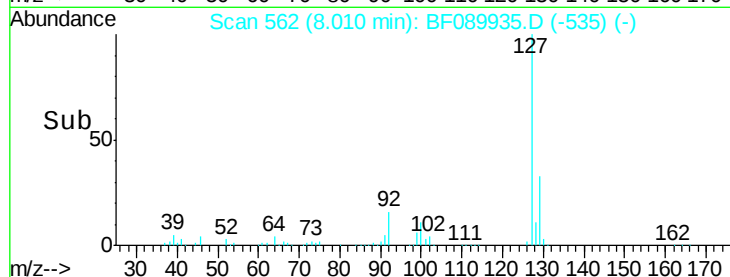
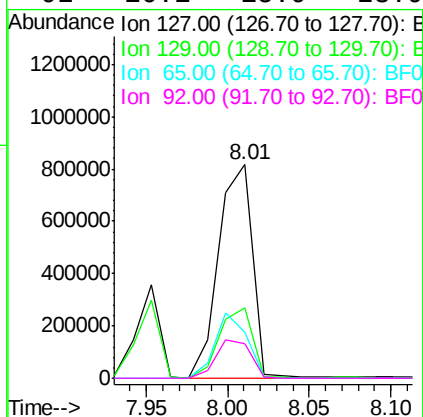
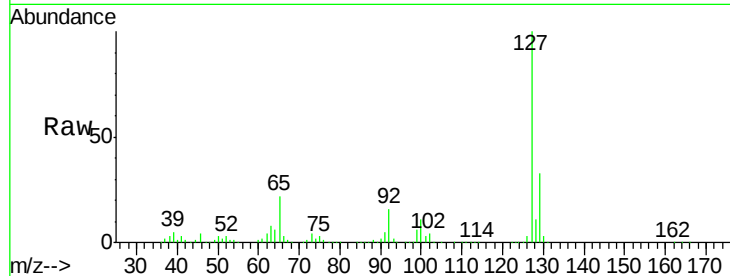
#33
4-Chloroaniline
Concen: 72.51 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	21.7	26.0	39.0
92	16.1	15.9	23.9

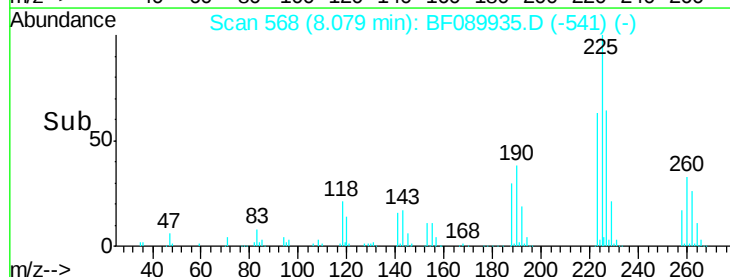
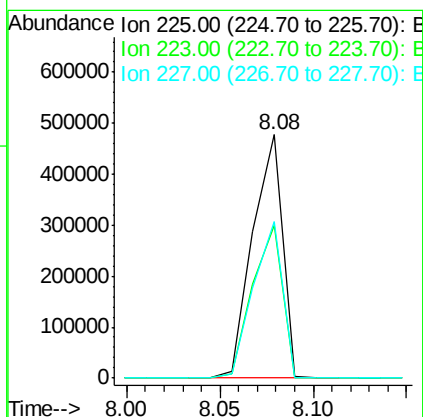
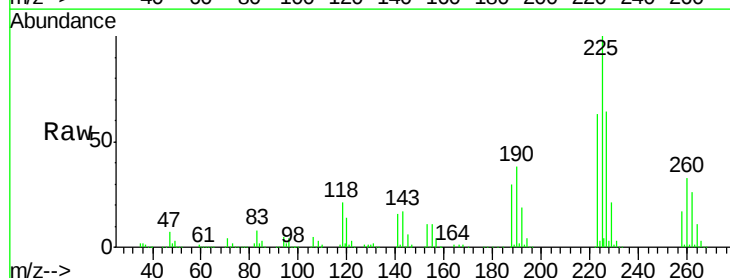
Manual Integrations
APPROVED

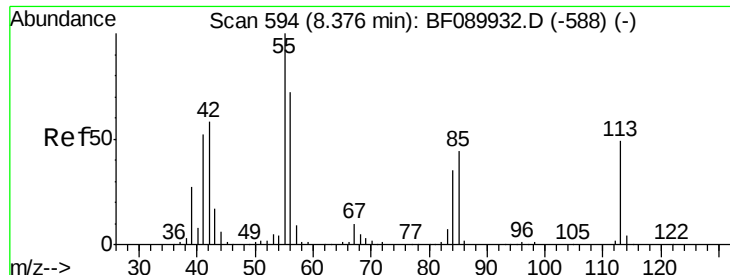
SOHIL
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#34
Hexachlorobutadiene
Concen: 72.04 ng
RT: 8.08 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	52.6	78.8
227	64.1	50.8	76.2





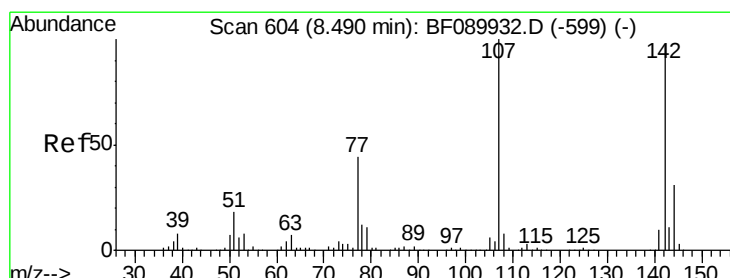
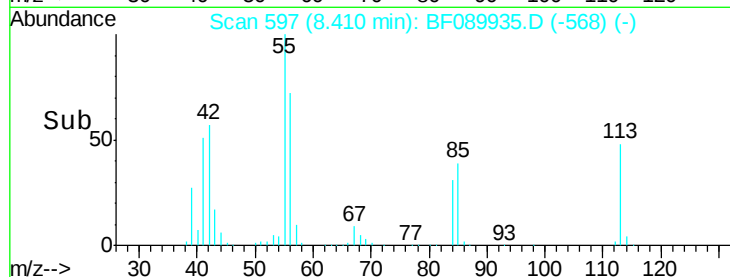
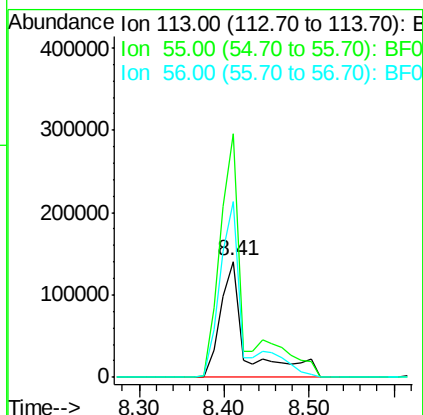
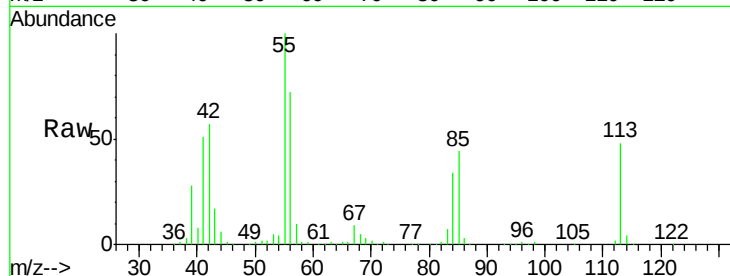
#35
Caprolactam
Concen: 80.13 ng m
RT: 8.41 min Scan# 597
Delta R.T. 0.03 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
113	100		
55	209.5	178.5	218.5
56	151.3	122.7	162.7

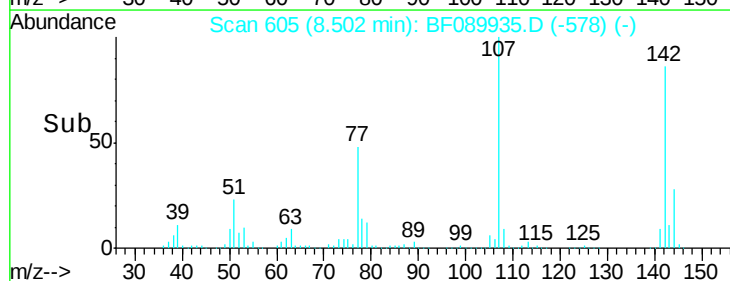
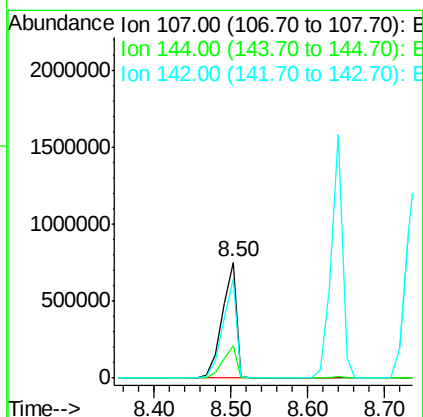
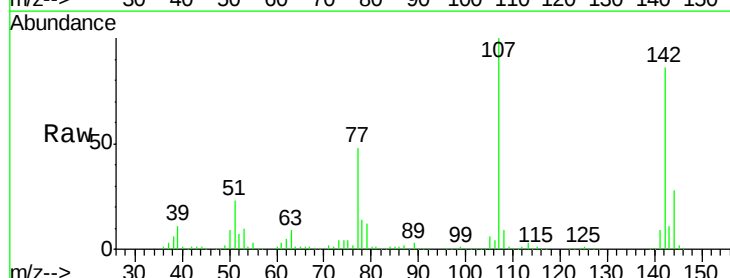
Manual Integrations
APPROVED

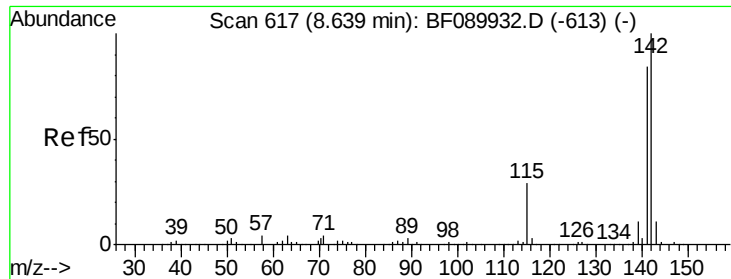
SOHIL
9/1/2016 11:52:07 AM



#36
4-Chloro-3-methylphenol
Concen: 81.05 ng
RT: 8.50 min Scan# 605
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.9	25.8	38.8
142	85.7	79.2	118.8





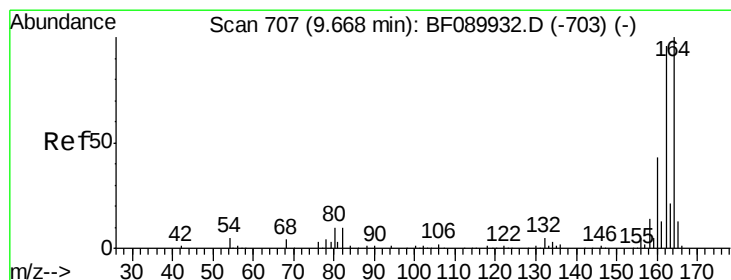
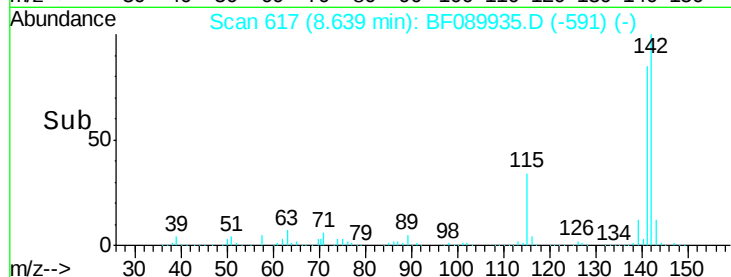
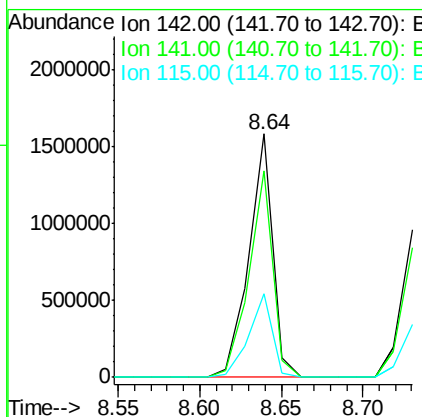
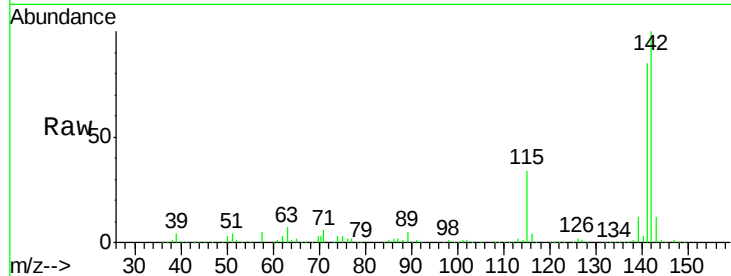
#37
 2-Methylnaphthalene
 Concen: 61.23 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.8	68.3	102.5
115	34.4	23.8	35.8

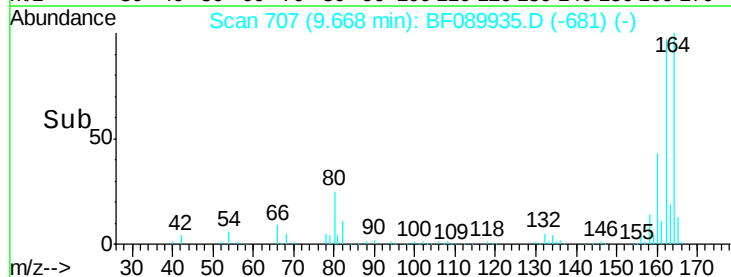
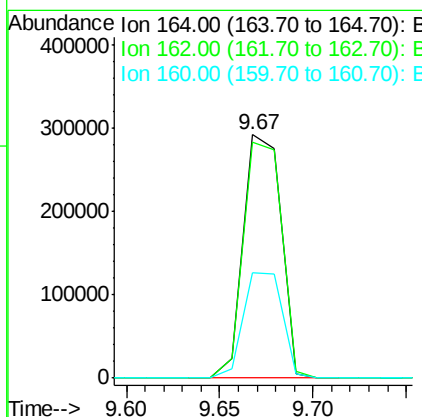
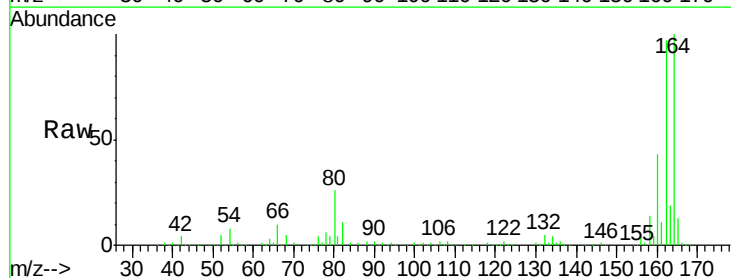
Manual Integrations
 APPROVED

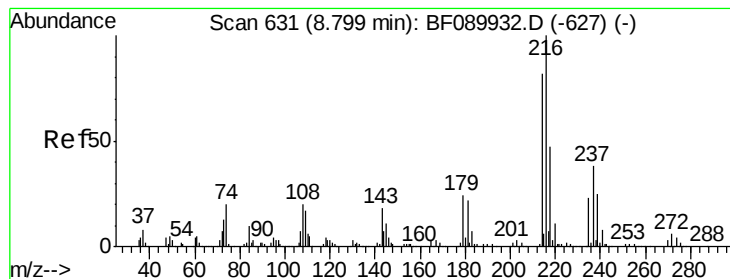
SOHIL
 9/1/2016 11:52:07 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.1	77.1	115.7
160	43.3	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 71.71 ng

RT: 8.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

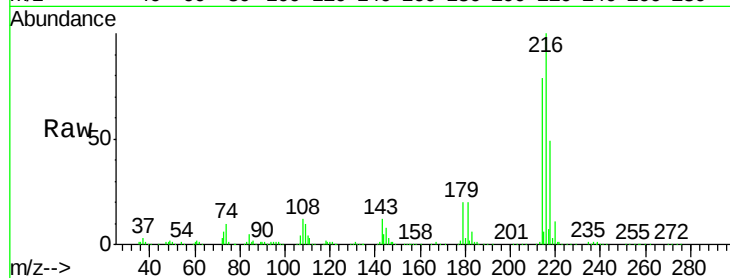
ClientSampleId :

SSTDIC080

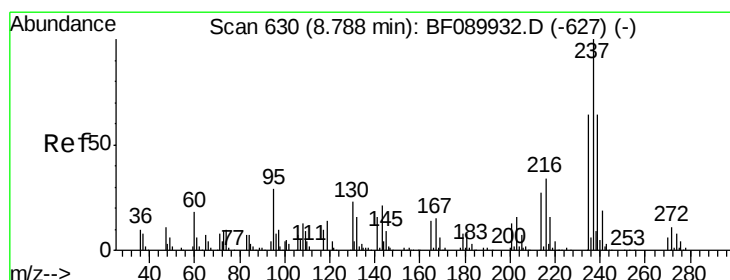
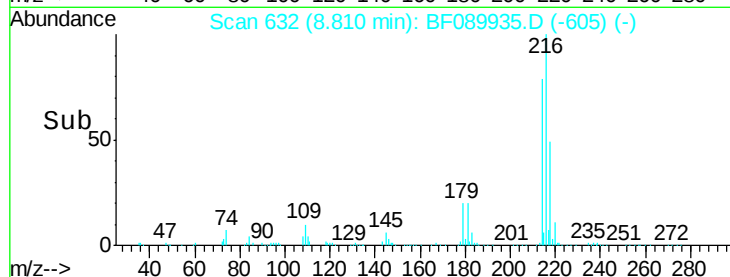
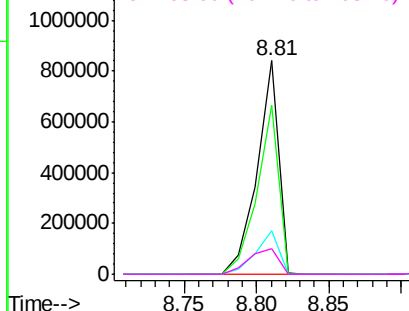
Tgt Ion:	216	Resp:	865864
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.4	95.2
179	21.2	17.3	25.9
108	16.9	15.5	23.3

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



#40

Hexachlorocyclopentadiene

Concen: 79.91 ng

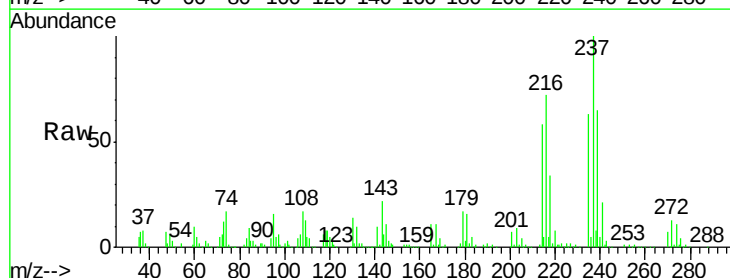
RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

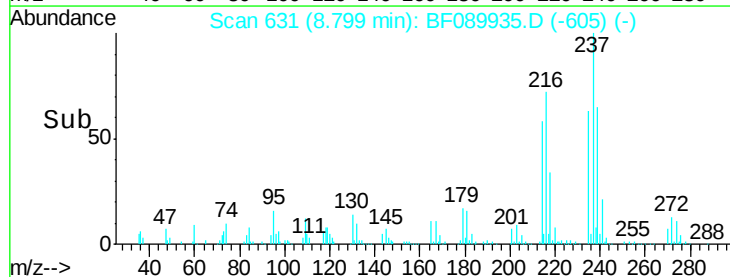
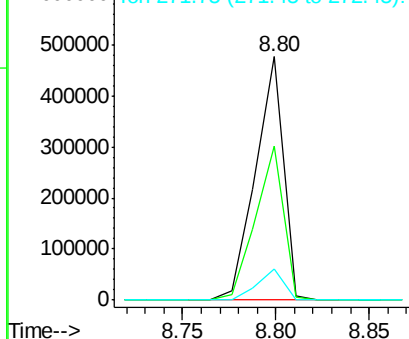
Lab File: BF089935.D

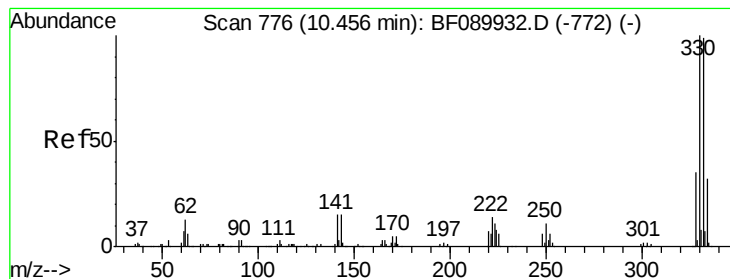
Acq: 31 Aug 2016 5:29

Tgt Ion:	237	Resp:	494372
Ion Ratio	Lower	Upper	
237	100		
235	63.4	39.6	79.6
272	13.0	0.0	34.6



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





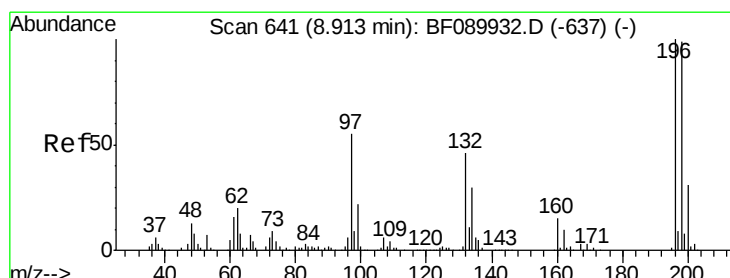
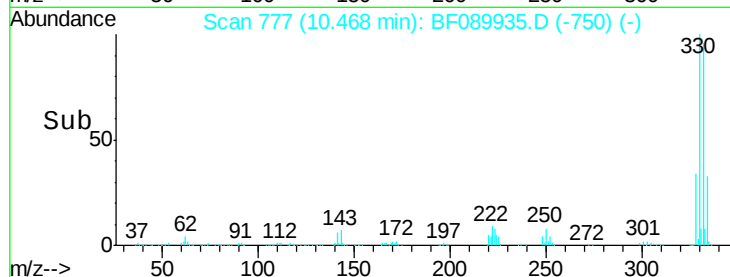
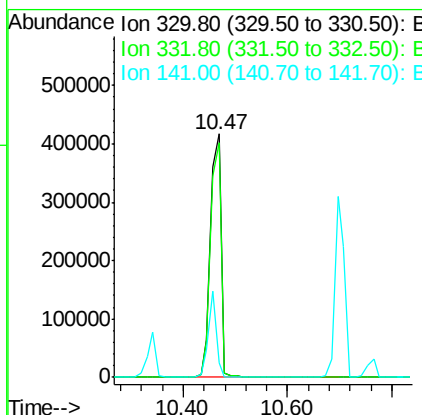
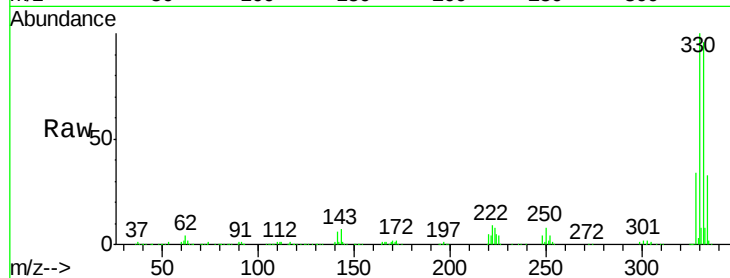
#41
 2,4,6-Tribromophenol
 Concen: 76.85 ng
 RT: 10.47 min Scan# 777
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	596802		
332	95.7	78.6	117.8	
141	26.6	23.3	34.9	

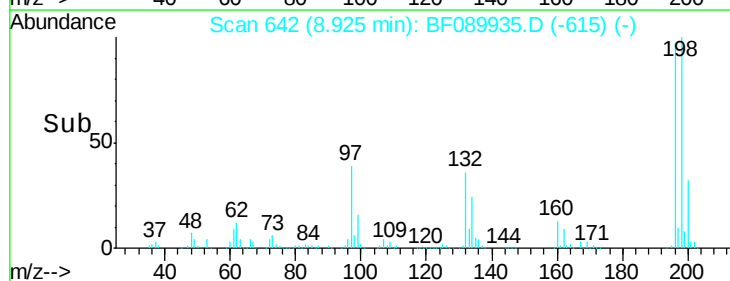
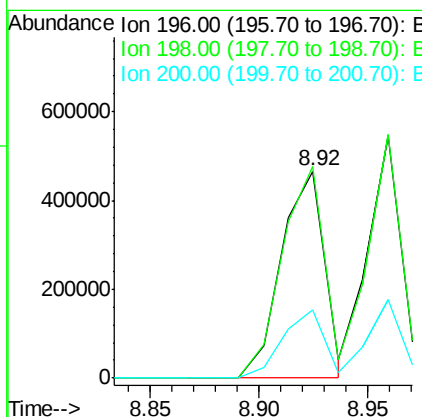
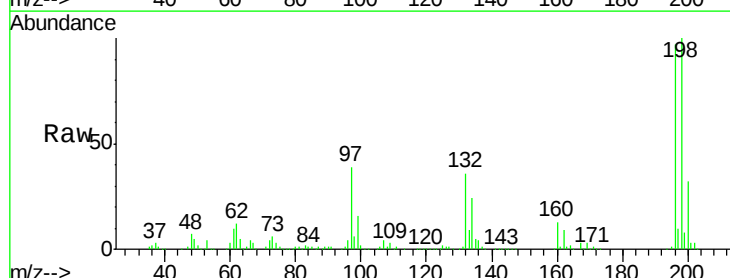
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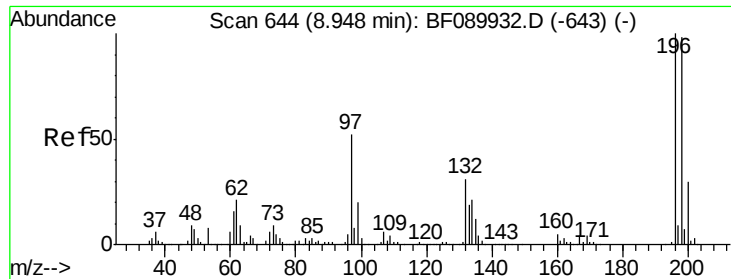
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#42
 2,4,6-Trichlorophenol
 Concen: 78.27 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	648322		
198	102.7	78.3	117.5	
200	33.3	24.8	37.2	





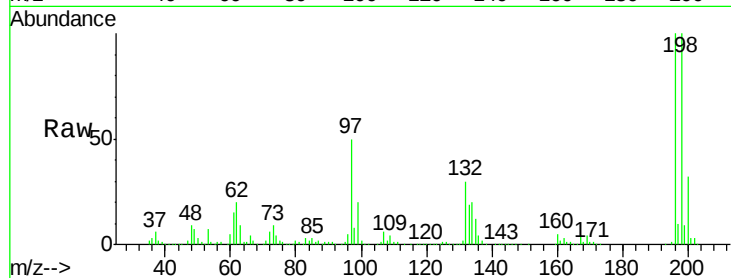
#43
 2,4,5-Trichlorophenol
 Concen: 71.85 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	588051		
198	100.2	80.8	121.2	
97	50.5	44.2	66.4	
132	30.5	25.8	38.6	

Manual Integrations
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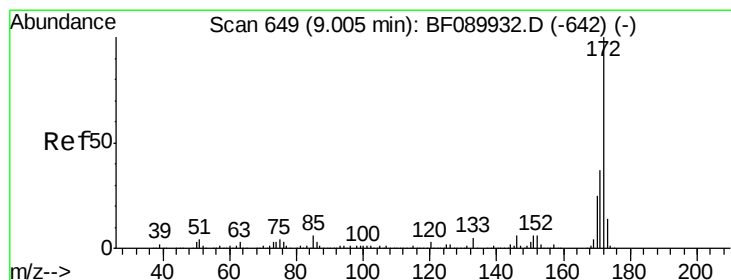
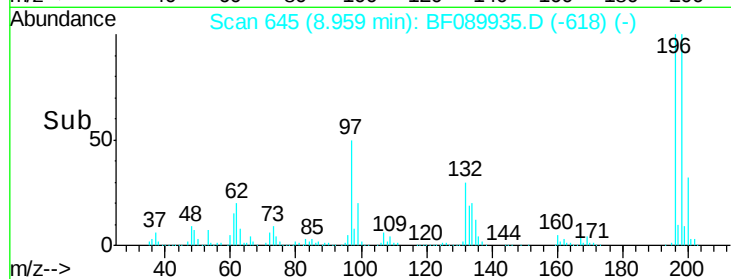
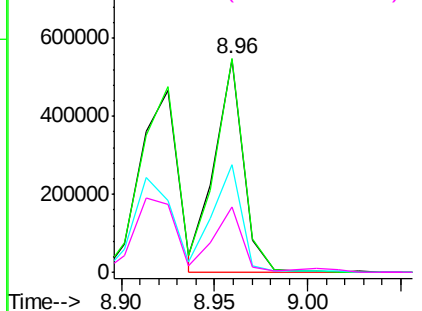
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

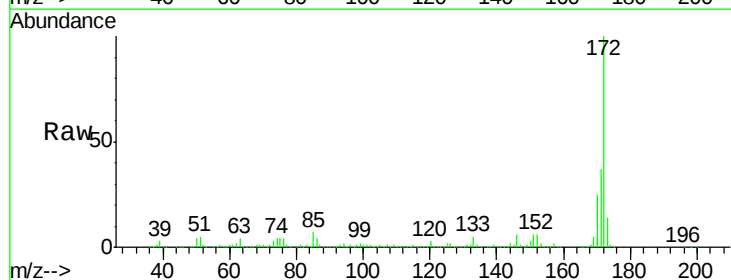
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 66.20 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3284119		
171	37.3	29.4	44.2	
170	25.2	20.1	30.1	

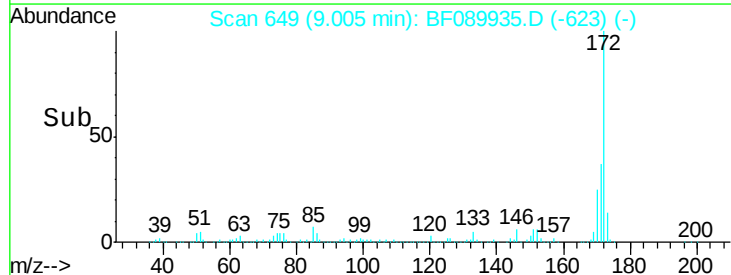
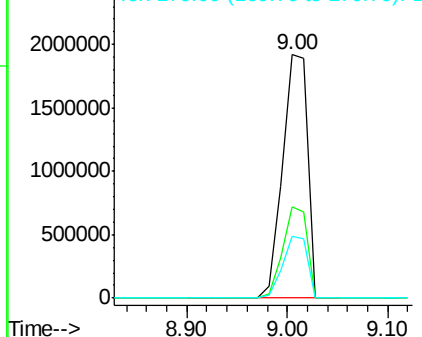


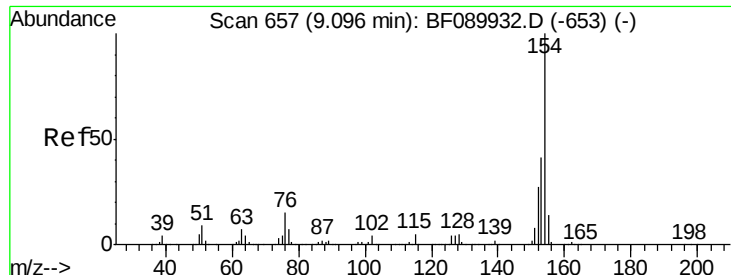
Abundance

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





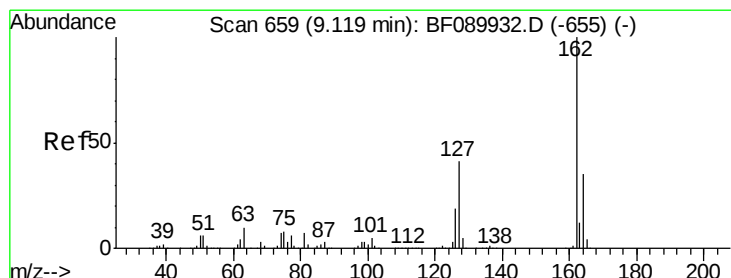
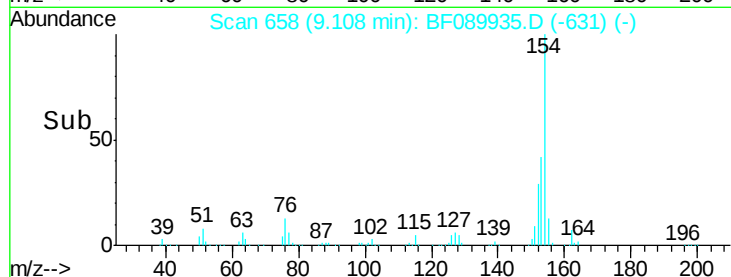
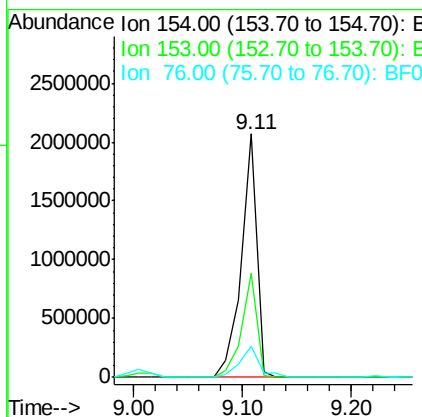
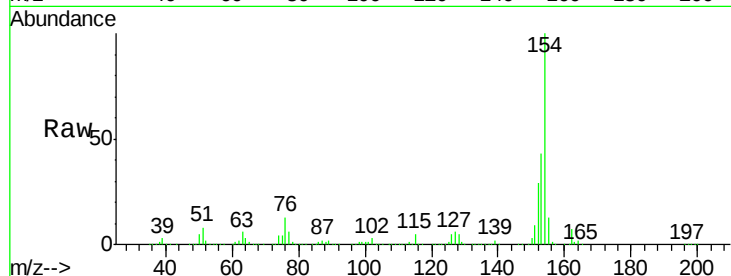
#45
 1,1'-Biphenyl
 Concen: 59.47 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:154 Resp: 2000263
 Ion Ratio Lower Upper
 154 100
 153 42.5 20.6 60.6
 76 12.7 0.0 34.9

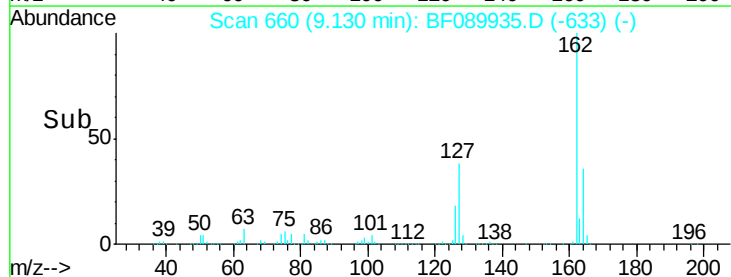
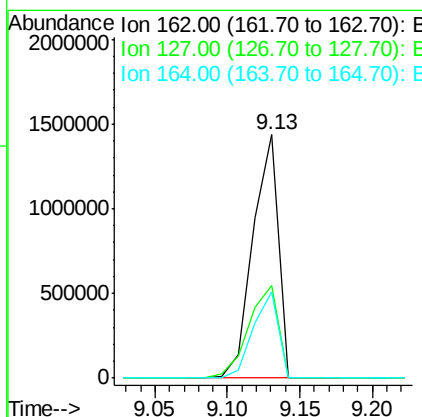
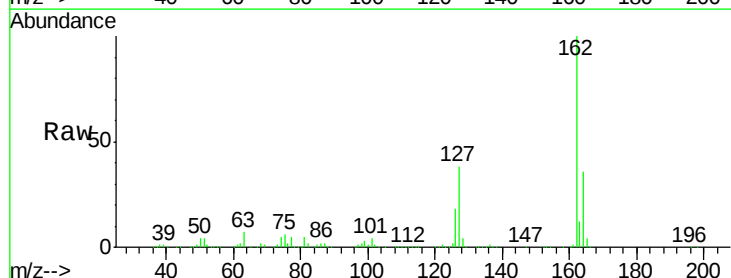
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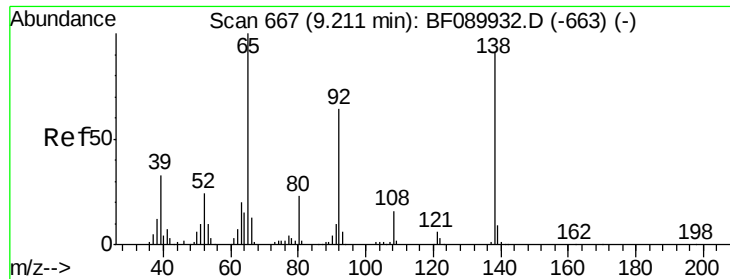
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#46
 2-Chloronaphthalene
 Concen: 74.73 ng
 RT: 9.13 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Tgt Ion:162 Resp: 1739613
 Ion Ratio Lower Upper
 162 100
 127 37.9 33.5 50.3
 164 35.5 28.2 42.4





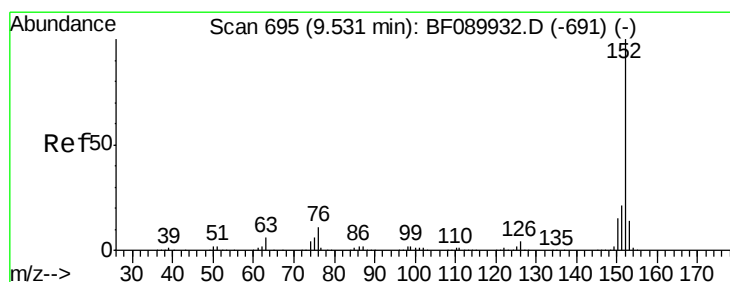
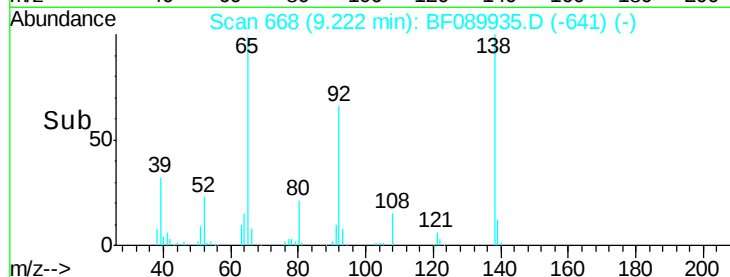
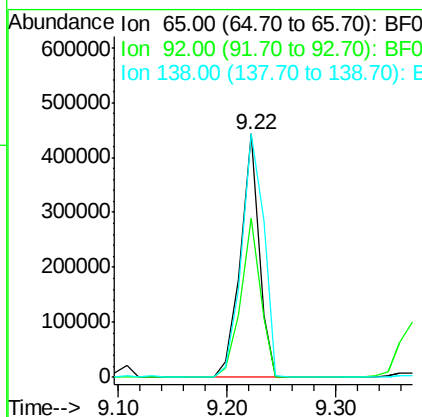
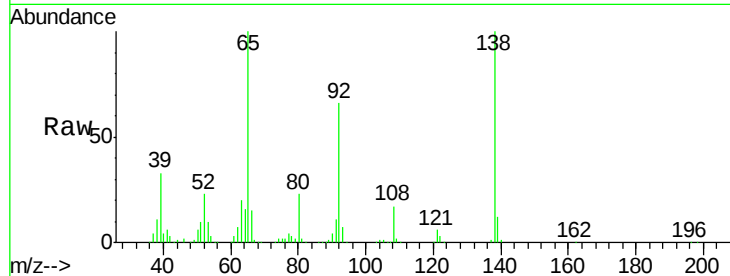
#47
2-Nitroaniline
Concen: 69.84 ng
RT: 9.22 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	52.0	78.0
138	99.9	72.1	108.1

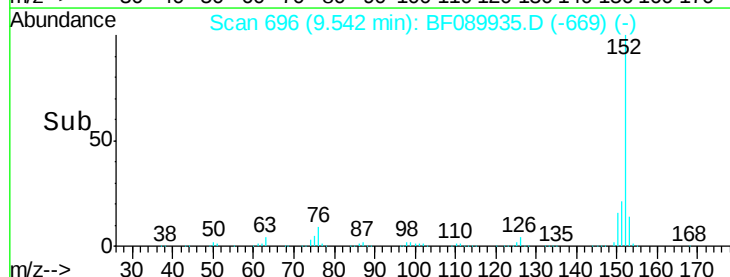
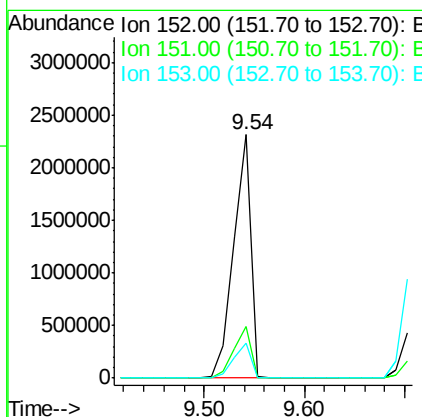
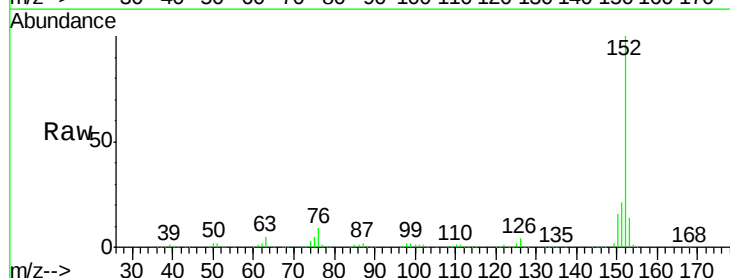
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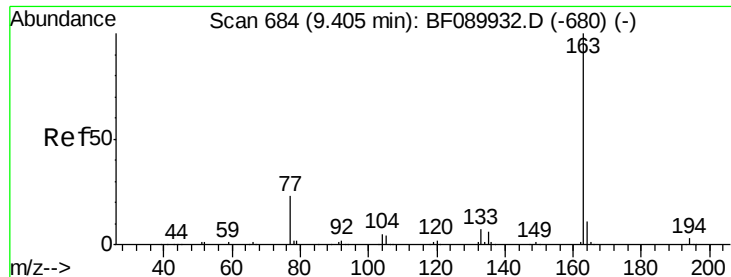
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#48
Acenaphthylene
Concen: 71.58 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.7	25.1
153	14.4	11.6	17.4





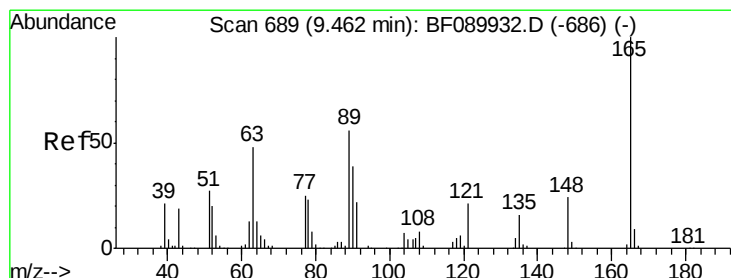
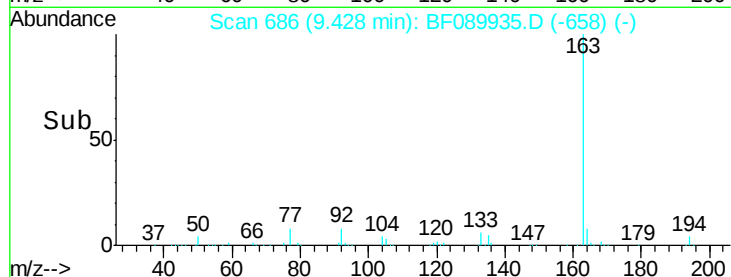
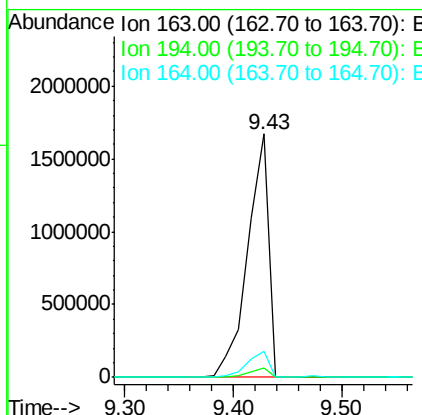
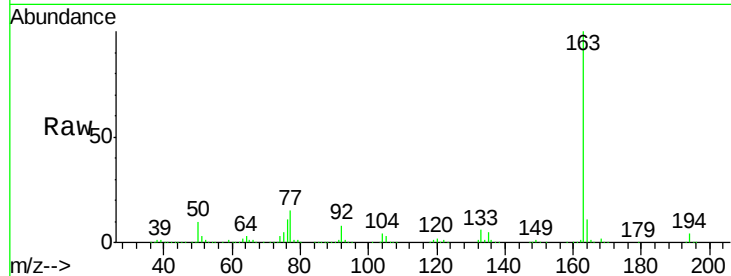
#49
Dimethylphthalate
Concen: 78.69 ng
RT: 9.43 min Scan# 686
Delta R.T. 0.02 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion:163 Resp: 2237923
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.7 9.0 13.4

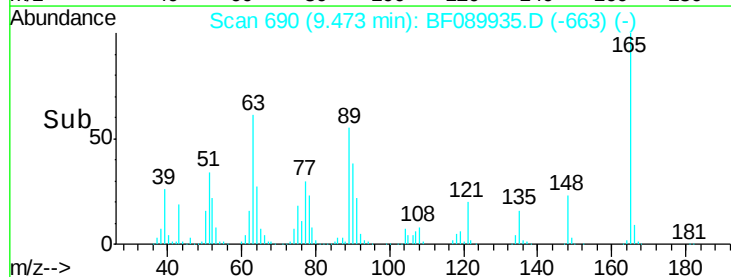
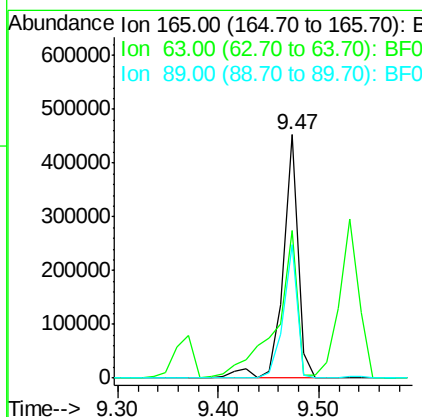
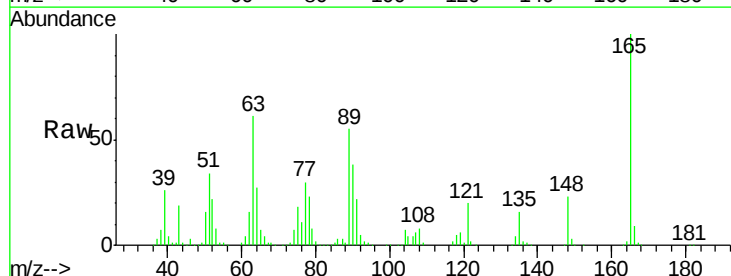
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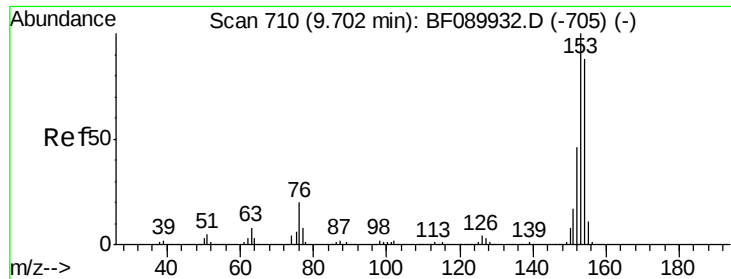
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#50
2,6-Dinitrotoluene
Concen: 69.87 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion:165 Resp: 471320
Ion Ratio Lower Upper
165 100
63 60.8 45.0 67.4
89 54.6 41.5 62.3





#51

Acenaphthene

Concen: 73.86 ng

RT: 9.71 min Scan# 711

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:154 Resp: 1825314

Ion Ratio Lower Upper

154 100

153 112.2 90.6 135.8

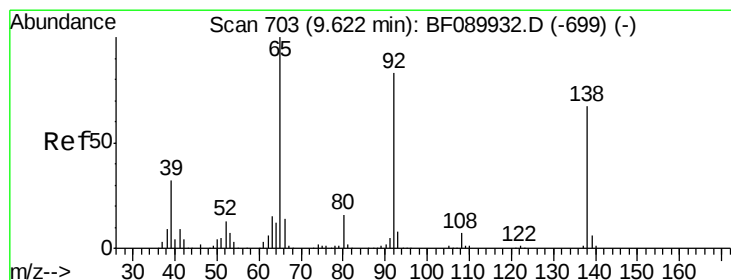
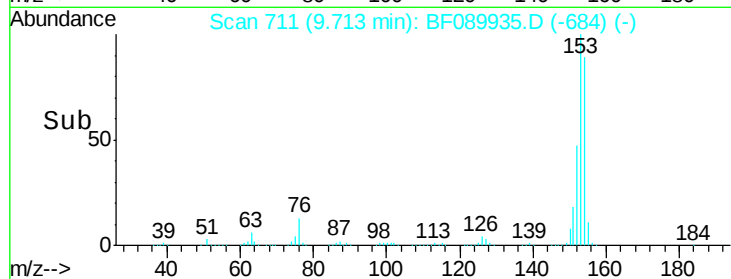
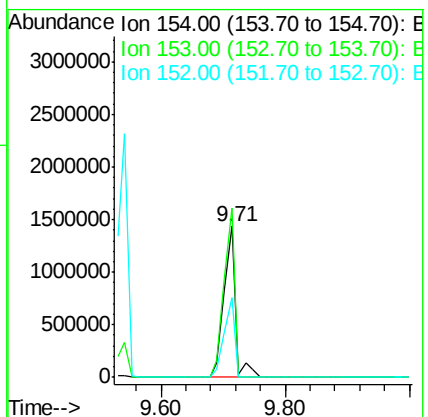
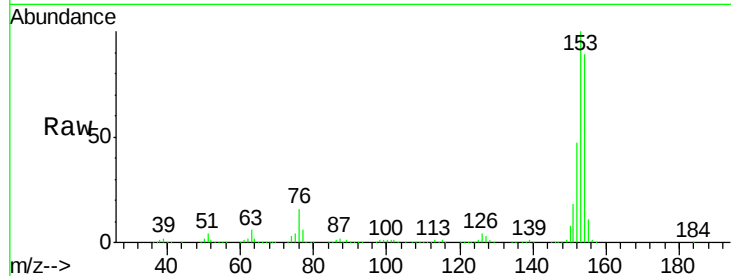
152 52.6 42.4 63.6

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#52

3-Nitroaniline

Concen: 88.12 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.02 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

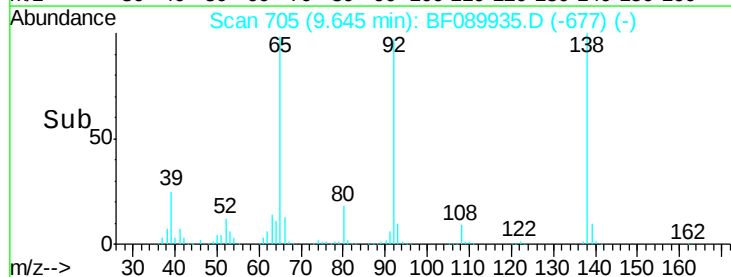
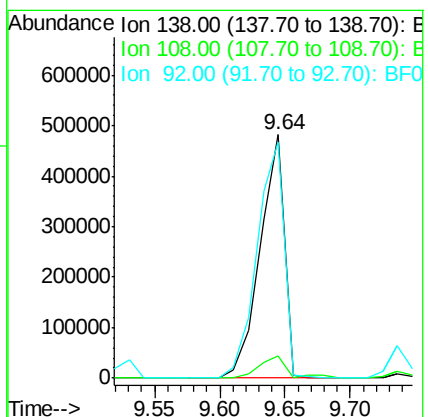
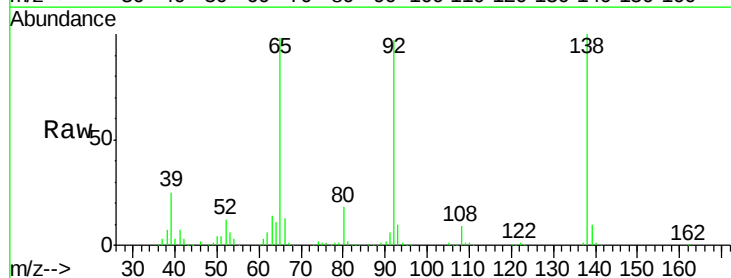
Tgt Ion:138 Resp: 628398

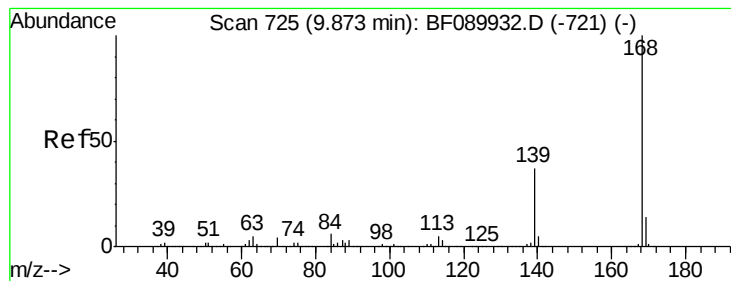
Ion Ratio Lower Upper

138 100

108 8.9 8.3 12.5

92 96.9 99.1 148.7#





#54

Dibenzofuran

Concen: 71.49 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF089935.D

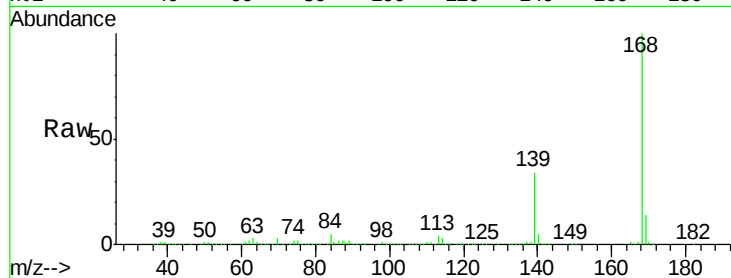
Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:168 Resp: 2293479

Ion Ratio Lower Upper

168 100

139 34.3 29.5 44.3

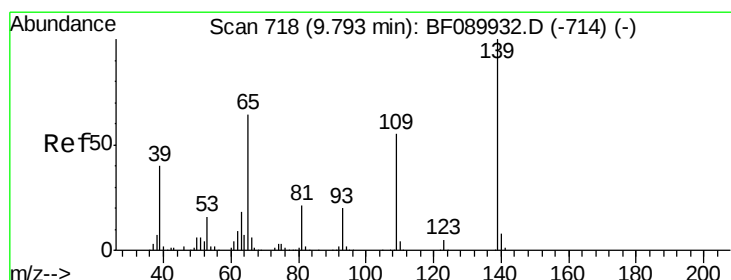
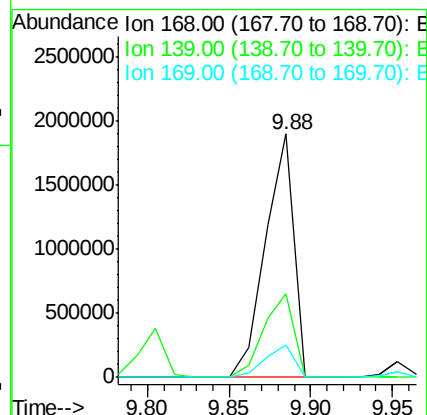
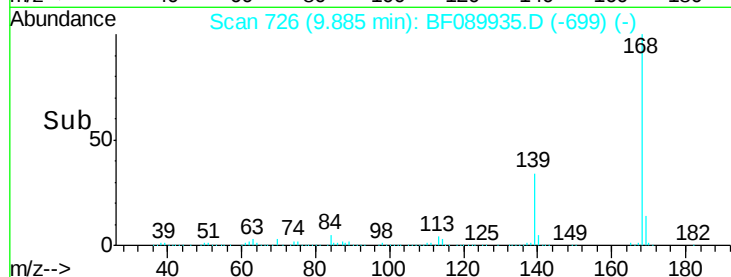
169 13.5 10.8 16.2

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#55

4-Nitrophenol

Concen: 73.54 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

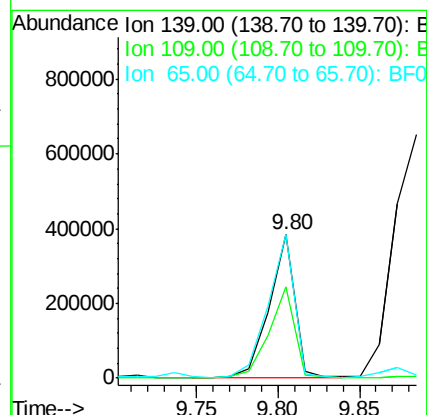
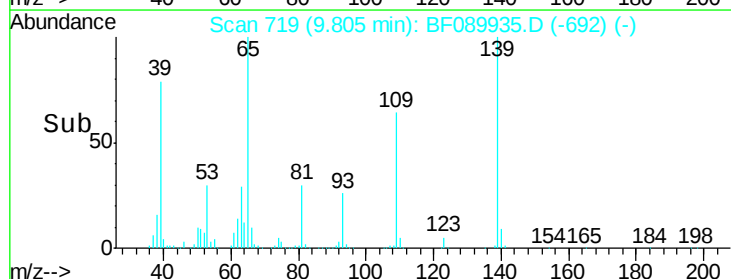
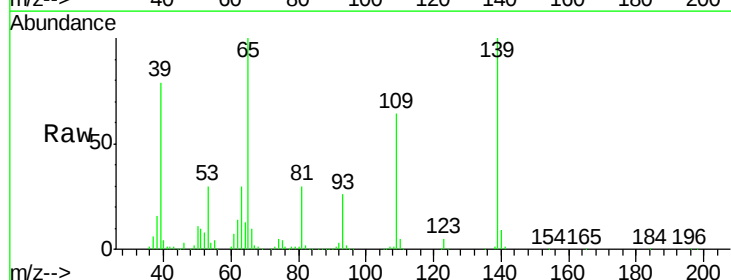
Tgt Ion:139 Resp: 420625

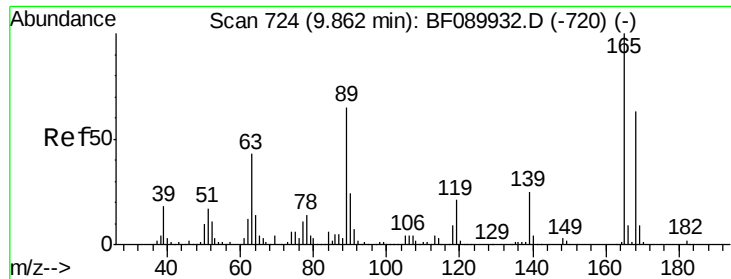
Ion Ratio Lower Upper

139 100

109 63.9 31.3 71.3

65 100.5 38.5 78.5#





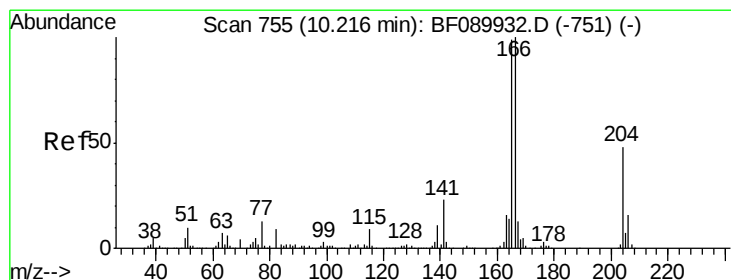
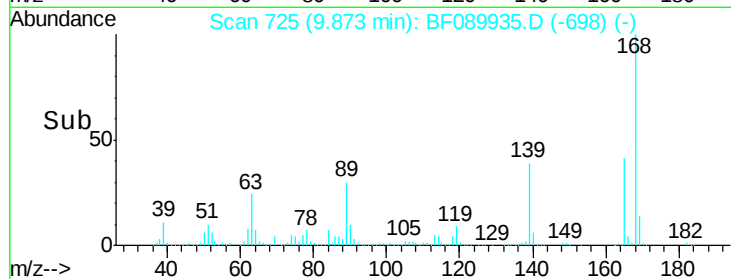
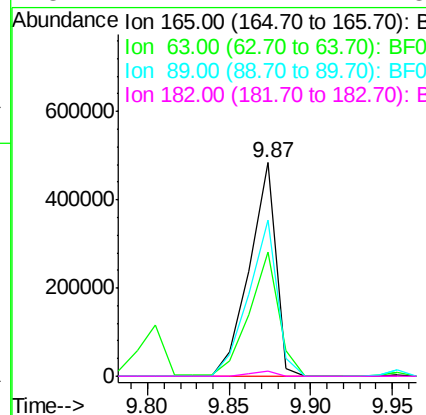
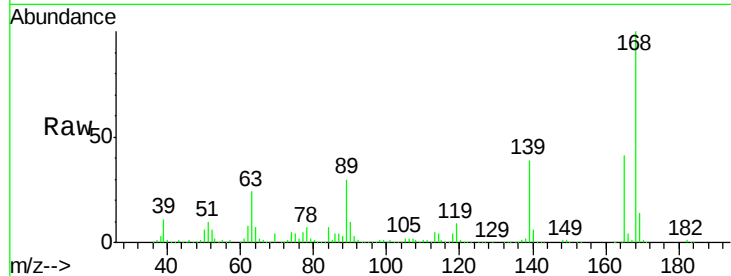
#56
2,4-Dinitrotoluene
Concen: 64.76 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	58.1	32.5	48.7#
89	73.3	48.3	72.5#
182	2.4	1.7	2.5

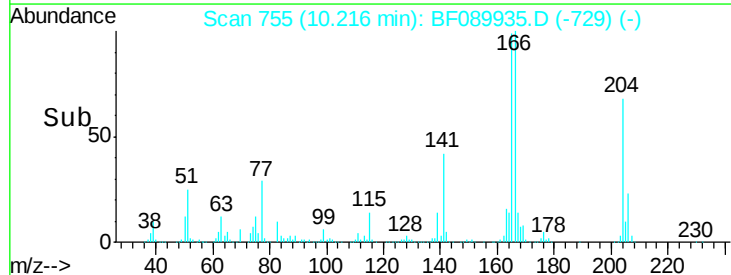
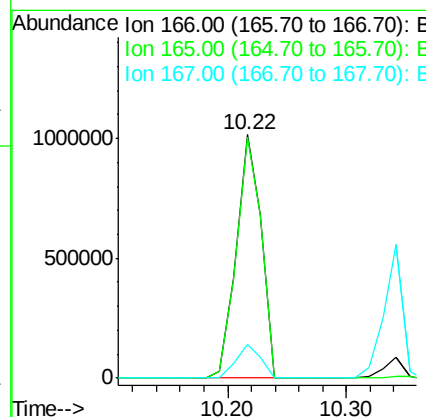
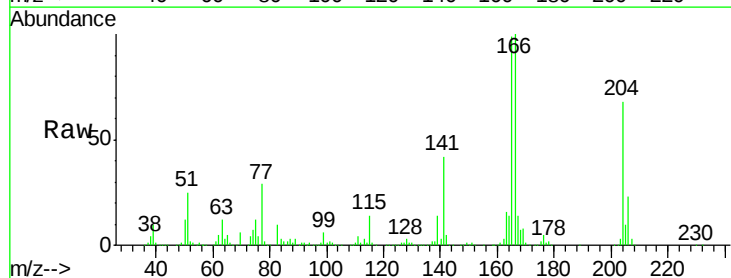
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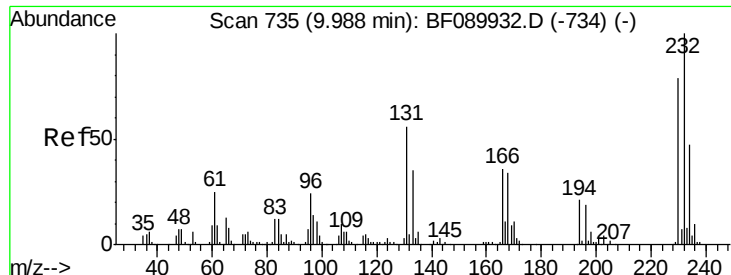
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#57
Fluorene
Concen: 59.81 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	99.2	78.6	118.0
167	14.0	10.6	15.8





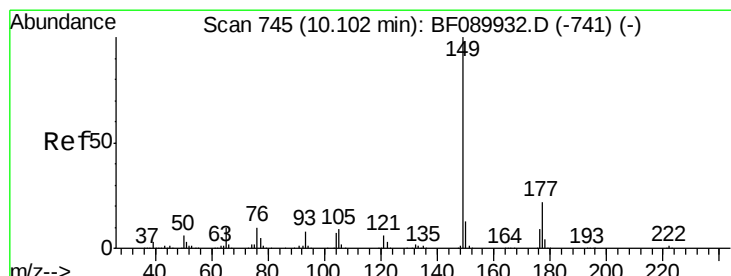
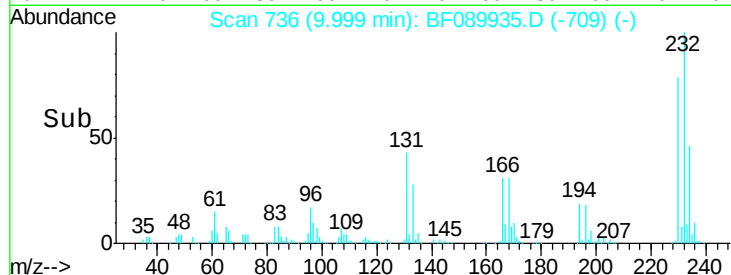
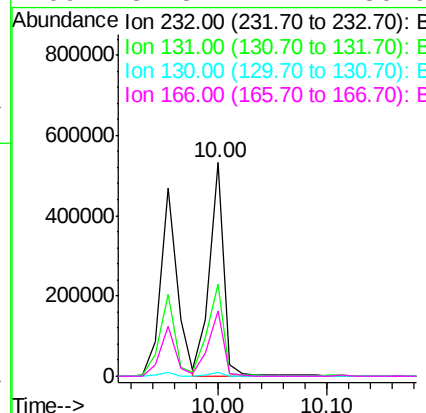
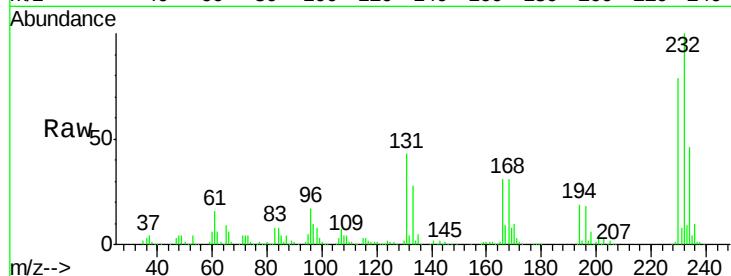
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 72.23 ng
 RT: 10.00 min Scan# 736
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	494648		
131	46.5	36.3	54.5	
130	2.2	1.7	2.5	
166	31.8	24.4	36.6	

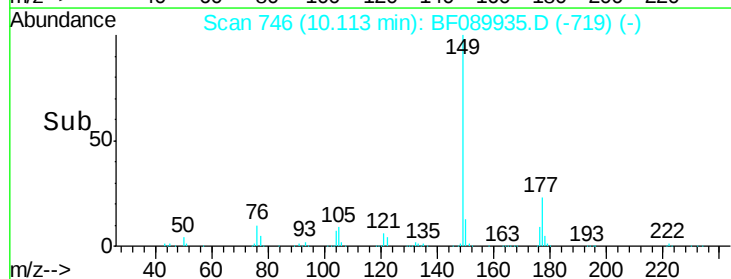
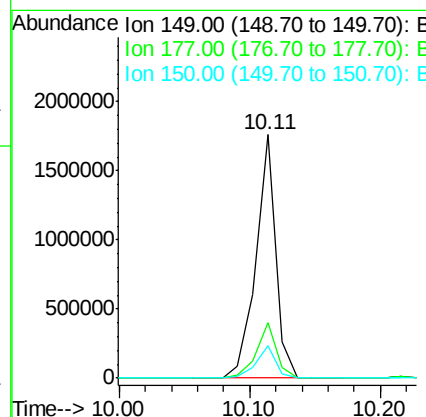
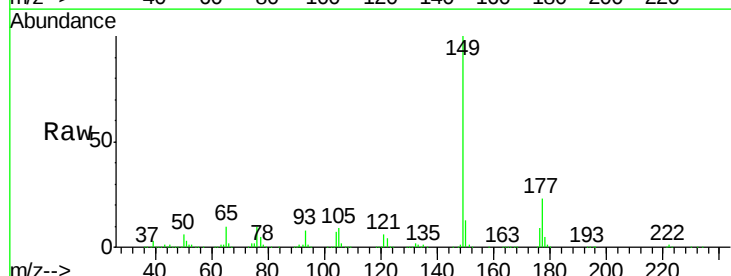
Manual Integrations
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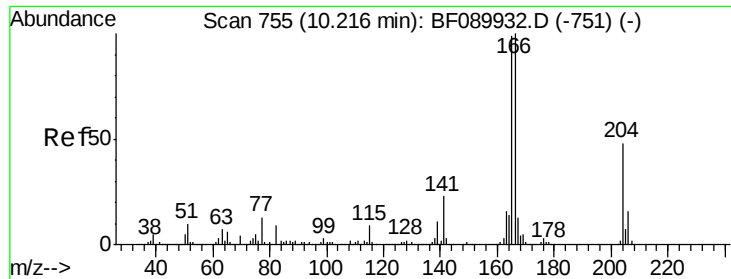
SOHIL
 9/1/2016 11:52:07 AM



#59
 Diethylphthalate
 Concen: 65.07 ng
 RT: 10.11 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1870363		
177	23.0	17.7	26.5	
150	13.2	10.2	15.2	





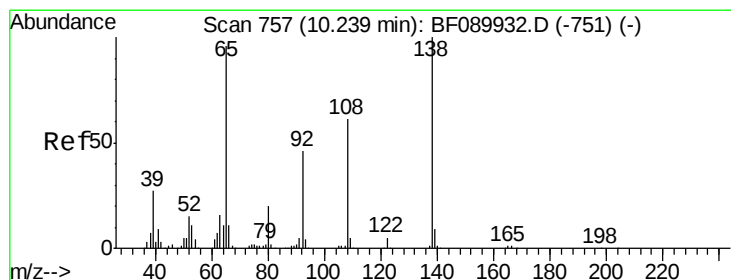
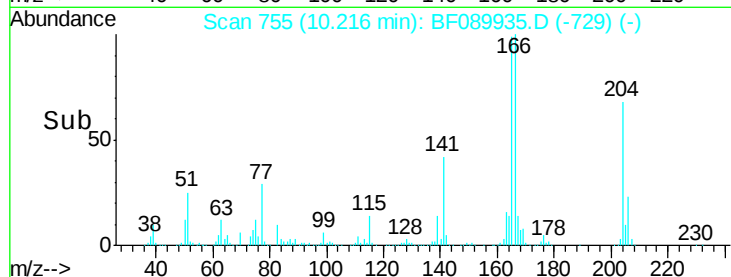
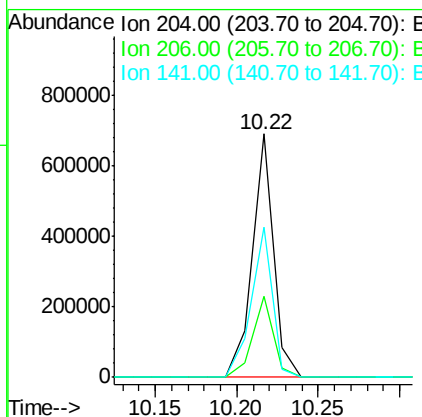
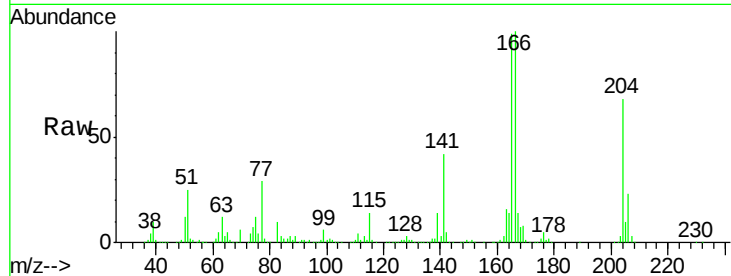
#60
4-Chlorophenyl-phenylether
Concen: 53.54 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.1	26.6	40.0
141	61.6	36.5	54.7

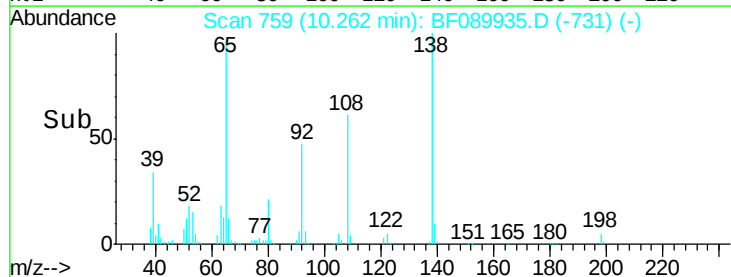
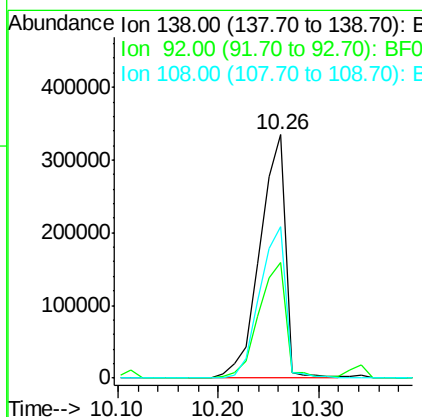
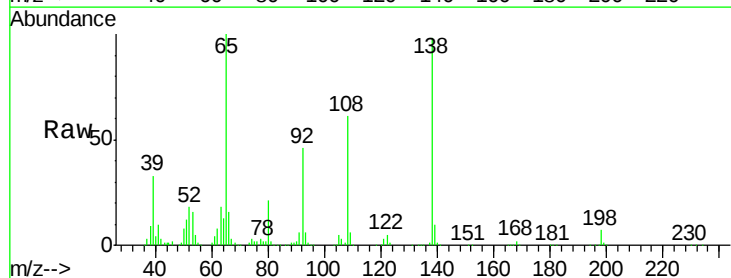
Manual Integrations
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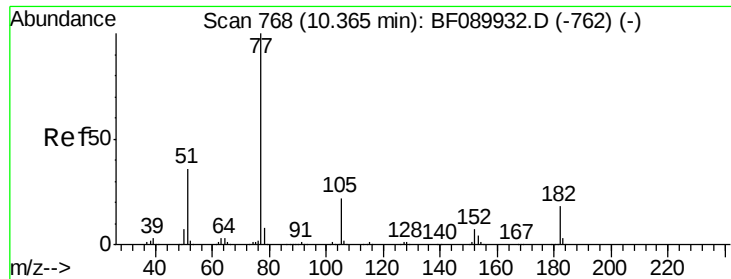
SOHIL
9/1/2016 11:52:07 AM



#61
4-Nitroaniline
Concen: 82.62 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.02 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	47.3	21.2	61.2
108	62.3	37.7	77.7





#62

Azobenzene

Concen: 69.91 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 1943305

Ion Ratio Lower Upper

77 100

182 23.9 0.0 38.6

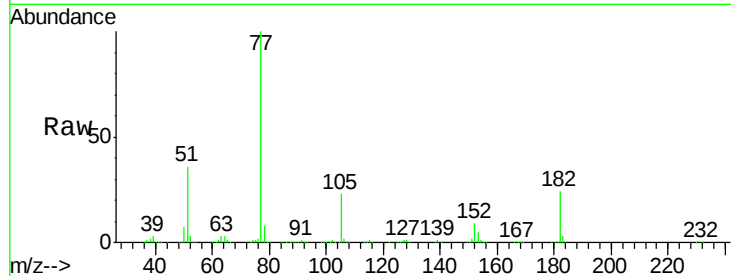
105 23.5 2.3 42.3

51 36.2 15.1 55.1

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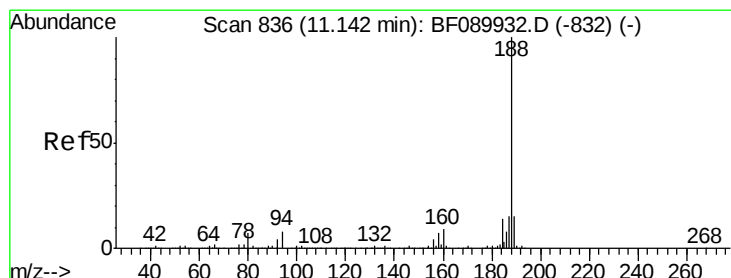
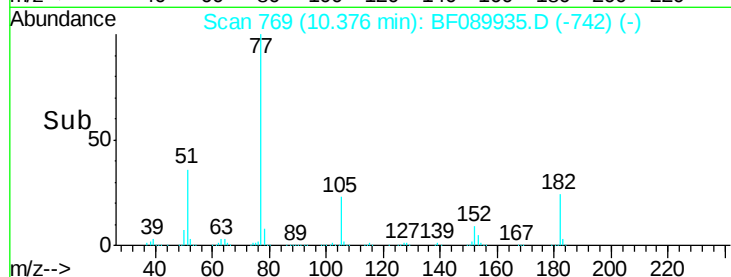
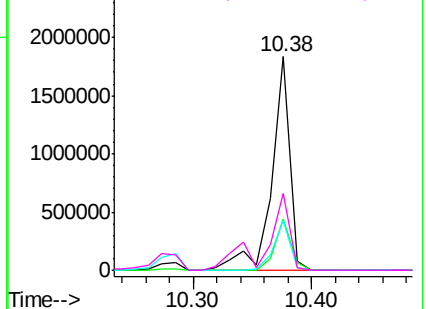


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

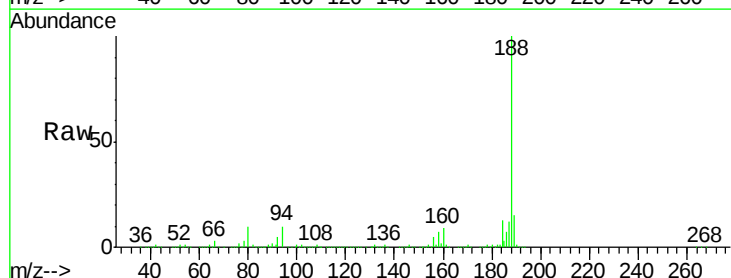
Tgt Ion: 188 Resp: 791504

Ion Ratio Lower Upper

188 100

94 9.6 5.9 8.9#

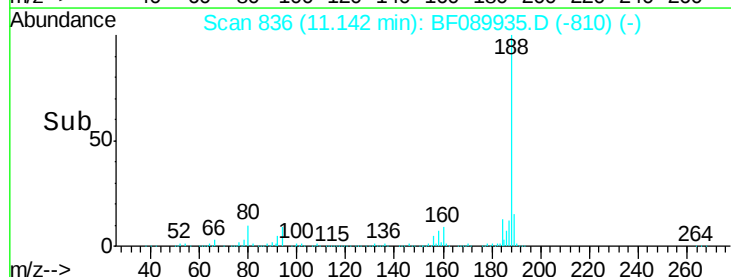
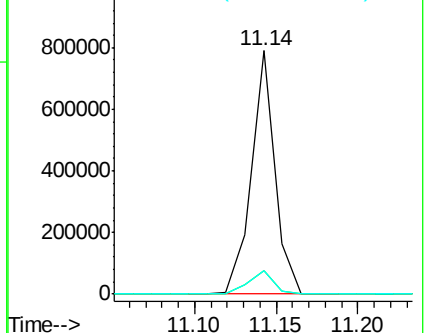
80 9.7 5.8 8.8#

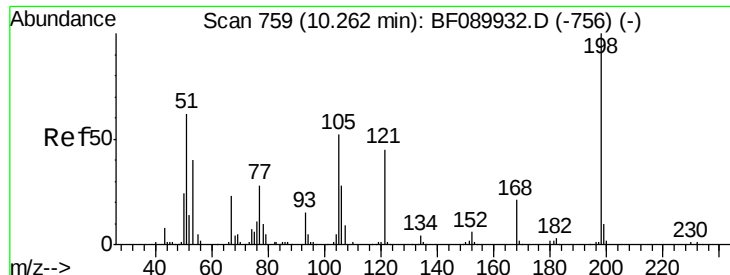


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





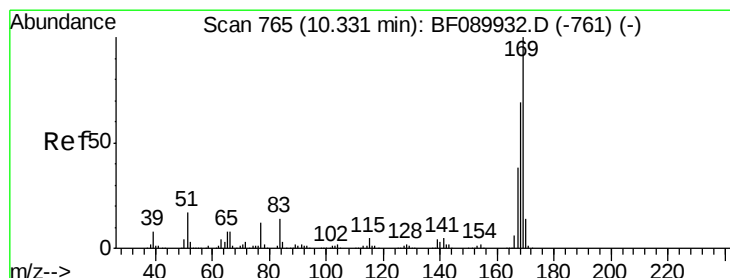
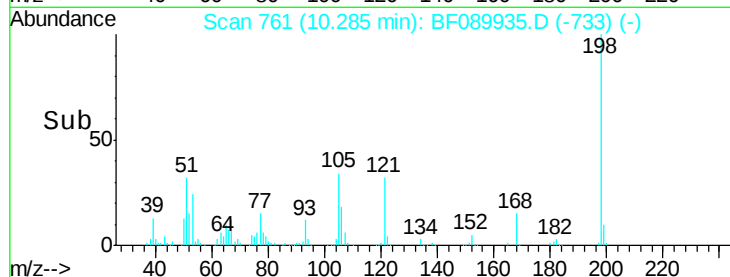
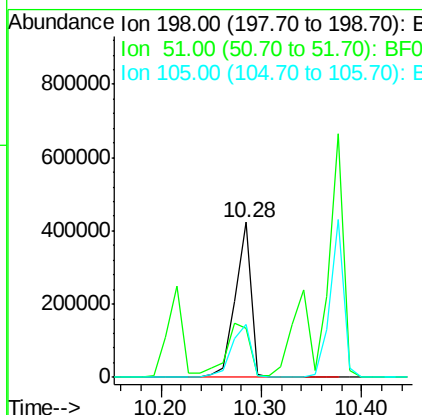
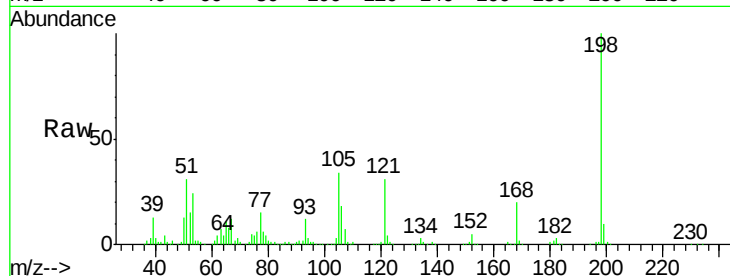
#64
4,6-Dinitro-2-methylphenol
Concen: 96.53 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.02 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	463700		
51	31.5	43.0	83.0#	
105	34.0	30.3	70.3	

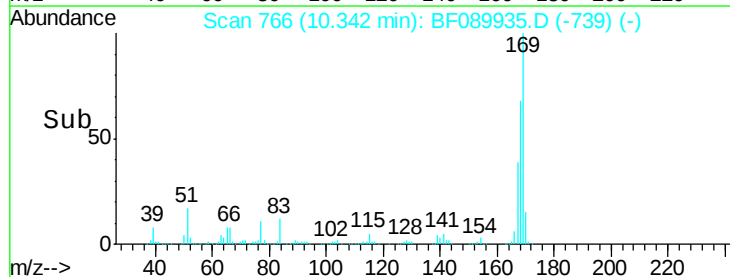
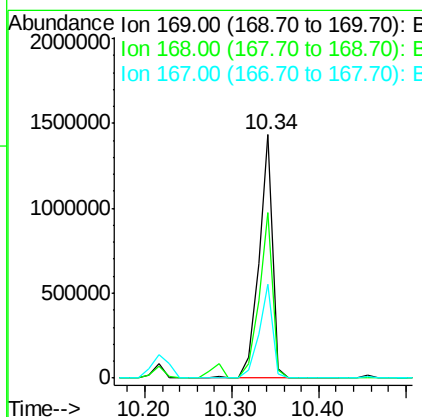
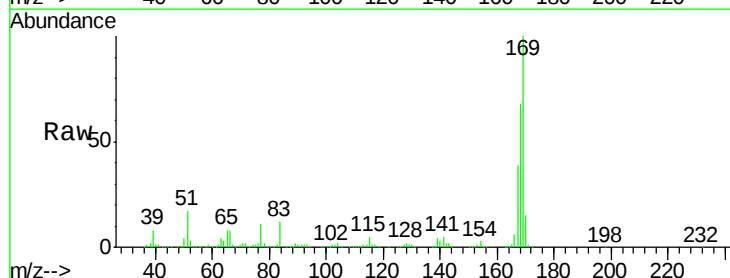
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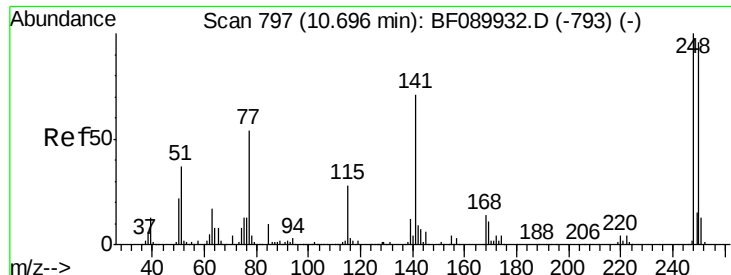
SOHIL
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#65
n-Nitrosodiphenylamine
Concen: 65.35 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1581661		
168	68.0	55.0	82.4	
167	38.7	30.5	45.7	





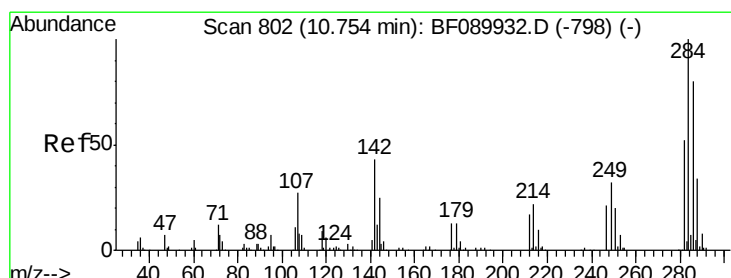
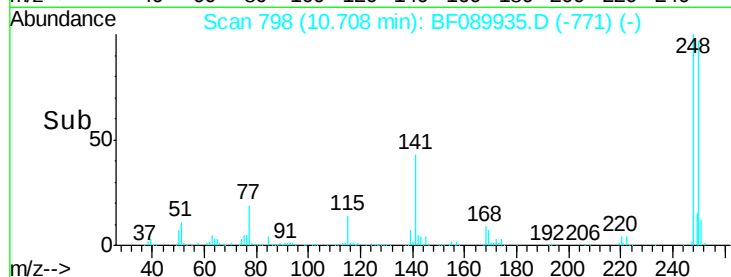
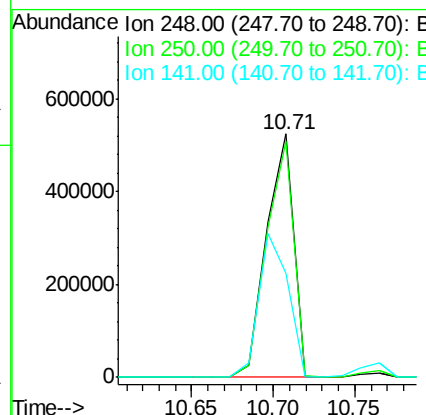
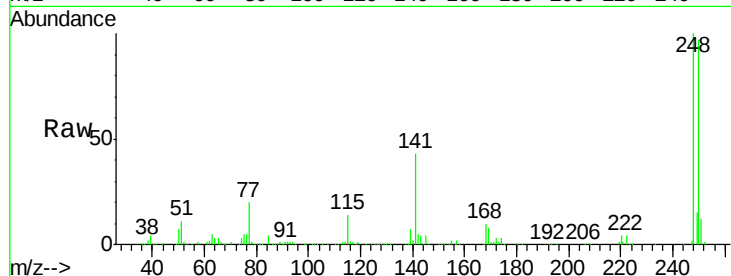
#66
4-Bromophenyl-phenylether
Concen: 76.48 ng
RT: 10.71 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	609812		
250	97.1	77.3	115.9	
141	42.6	55.8	83.8#	

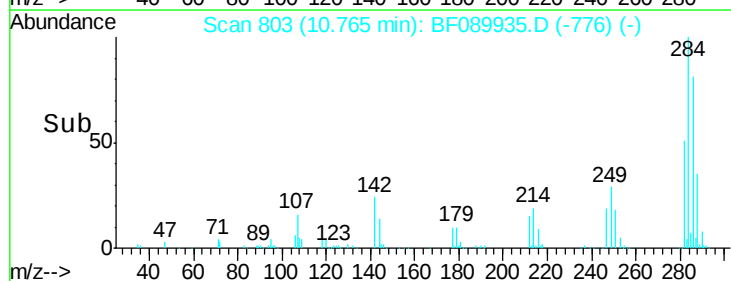
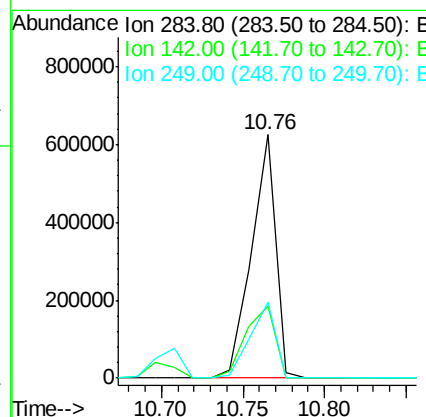
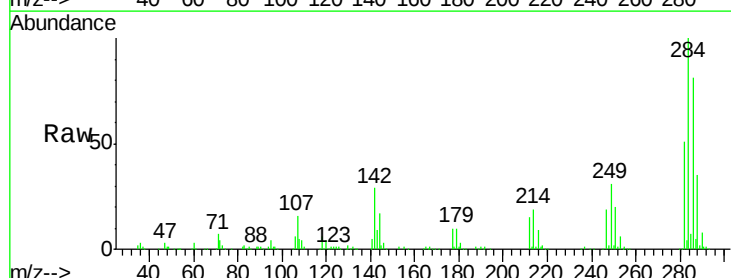
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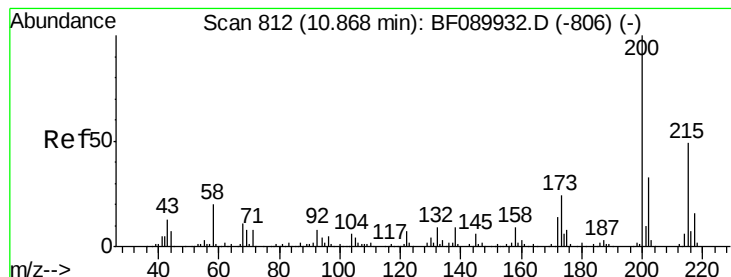
SOHIL
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#67
Hexachlorobenzene
Concen: 69.42 ng
RT: 10.76 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	643755		
142	29.5	32.7	49.1#	
249	31.0	26.9	40.3	





#68

Atrazine

Concen: 80.46 ng

RT: 10.87 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

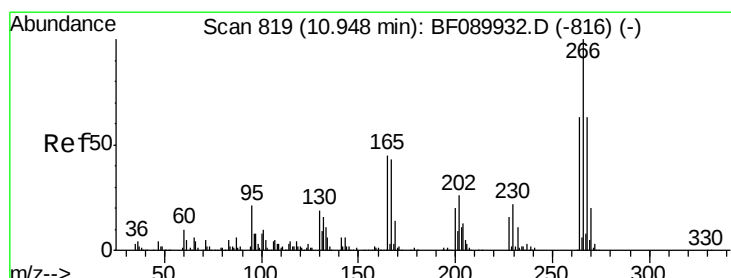
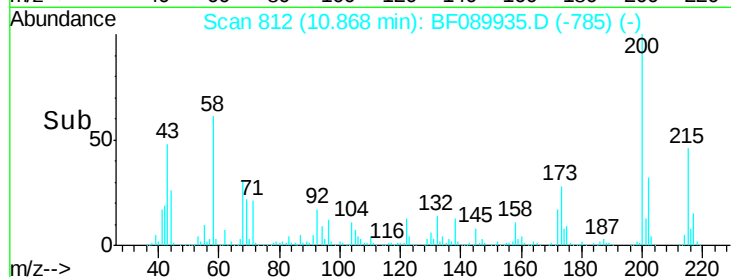
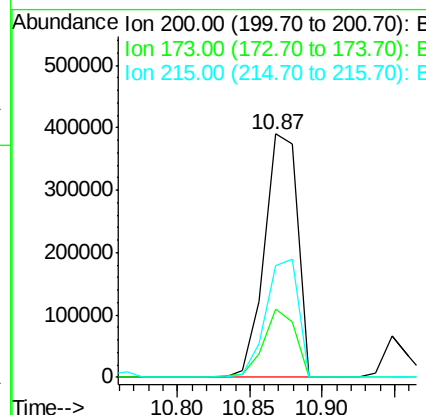
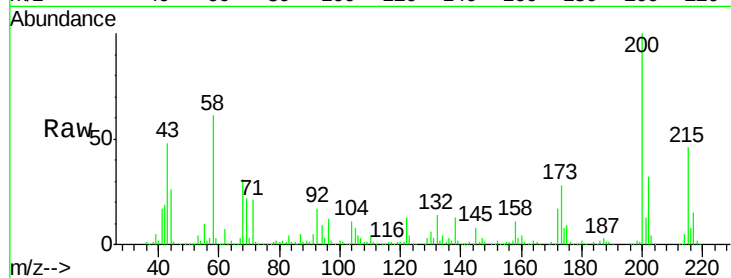
ClientSampleId :

SSTDIC080

Tgt Ion:	200	Resp:	616802
Ion Ratio	Lower	Upper	
200	100		
173	28.0	9.4	49.4
215	45.7	24.5	64.5

Manual Integrations
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#69

Pentachlorophenol

Concen: 86.75 ng

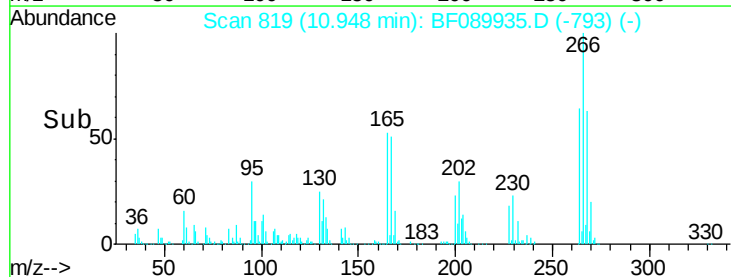
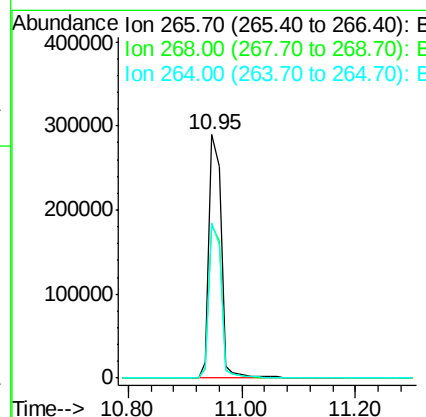
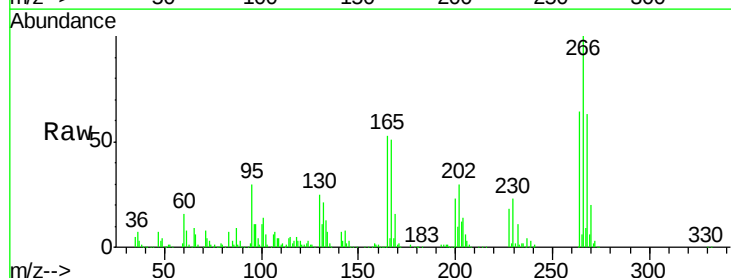
RT: 10.95 min Scan# 819

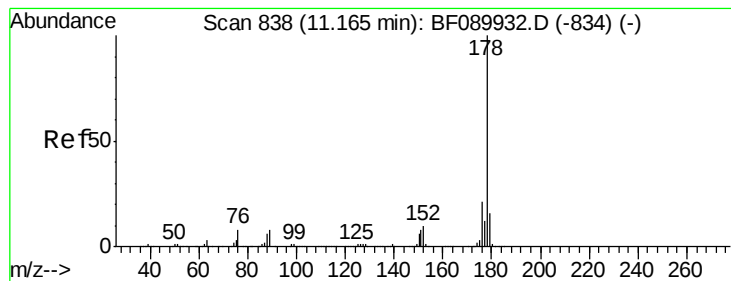
Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Tgt Ion:	266	Resp:	416124
Ion Ratio	Lower	Upper	
266	100		
268	62.7	51.0	76.6
264	63.7	50.6	75.8





#70

Phenanthrene

Concen: 69.11 ng

RT: 11.16 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:178 Resp: 2657998

Ion Ratio Lower Upper

178 100

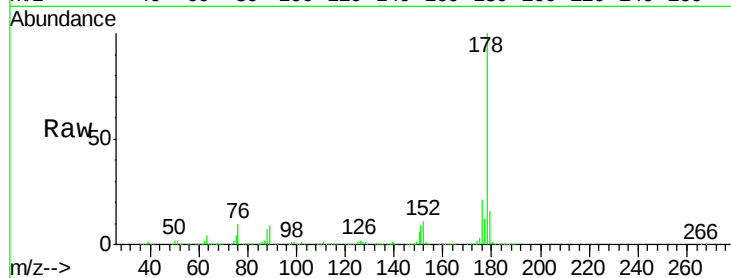
176 20.9 16.5 24.7

179 16.4 12.8 19.2

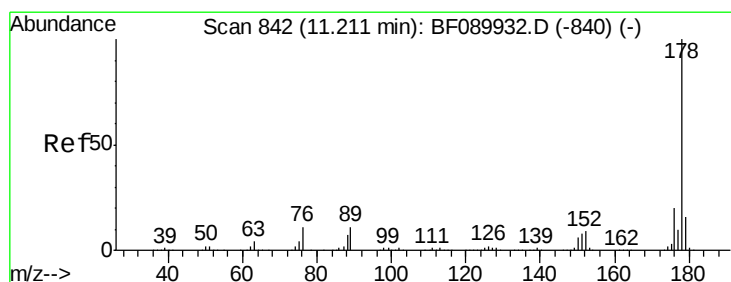
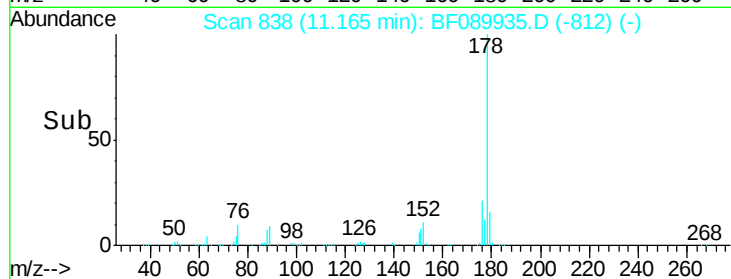
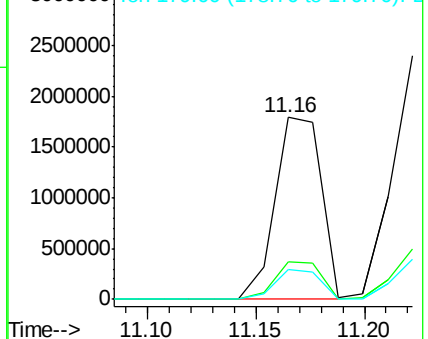
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 61.22 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Tgt Ion:178 Resp: 2479937

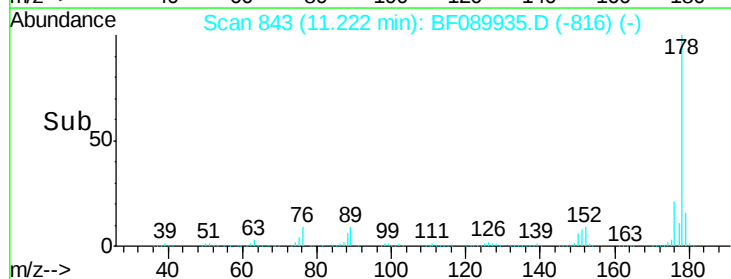
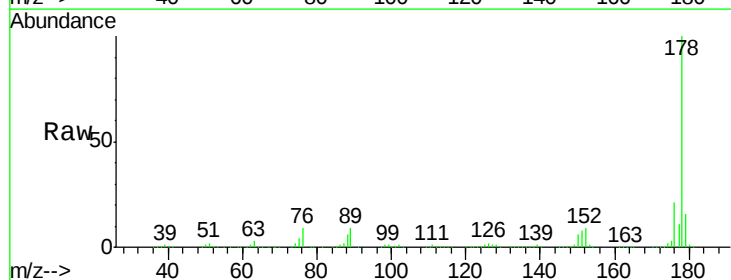
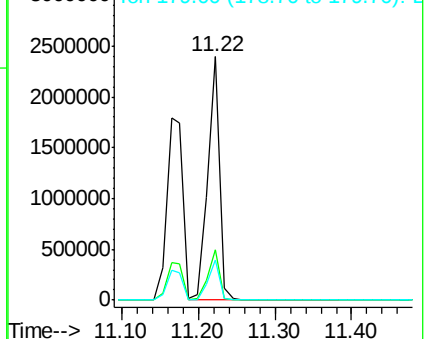
Ion Ratio Lower Upper

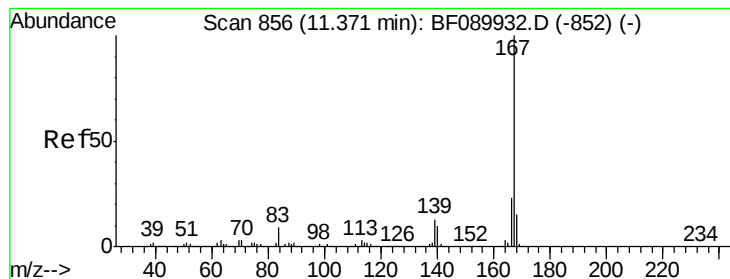
178 100

176 20.8 15.8 23.8

179 16.5 13.0 19.4

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





#72

Carbazole

Concen: 75.14 ng

RT: 11.38 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:167 Resp: 2782642

Ion Ratio Lower Upper

167 100

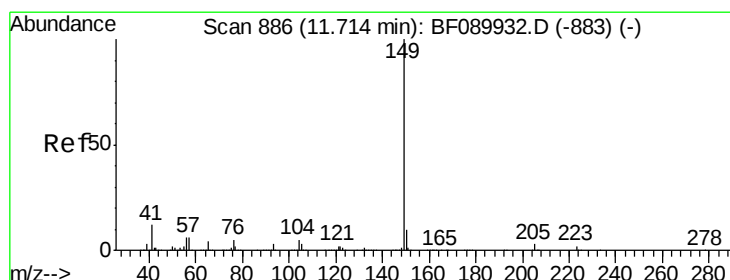
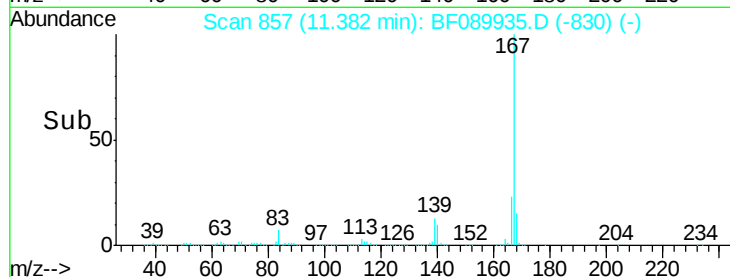
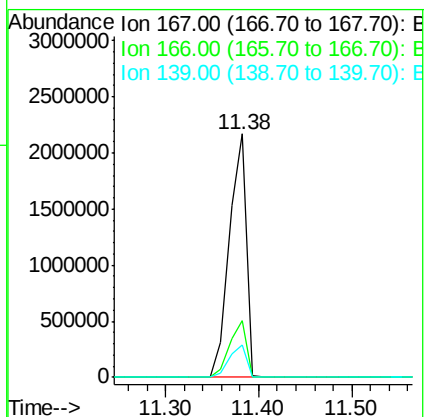
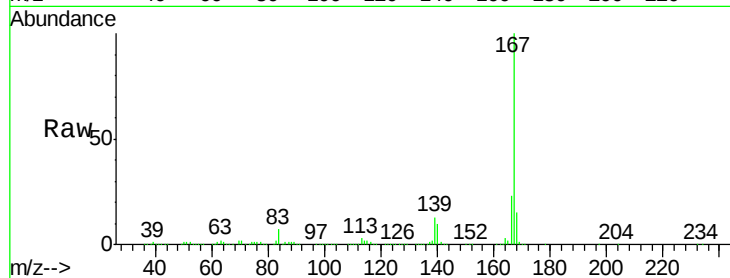
166 23.2 18.1 27.1

139 13.1 10.4 15.6

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#73

Di-n-butylphthalate

Concen: 68.35 ng

RT: 11.73 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

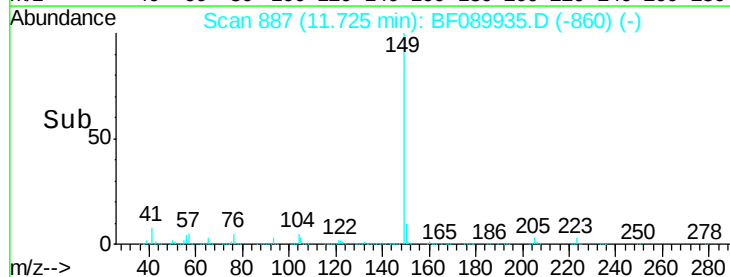
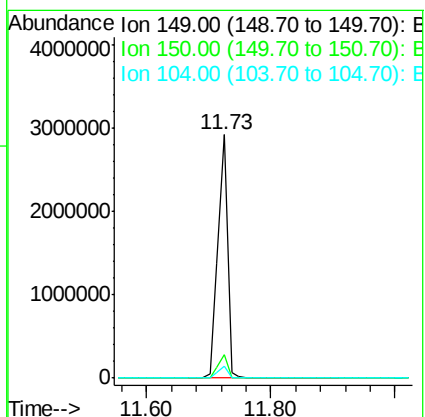
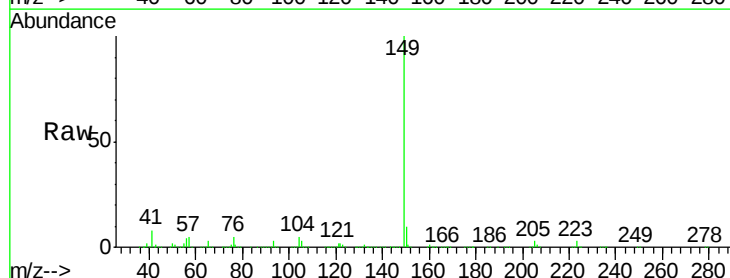
Tgt Ion:149 Resp: 3072711

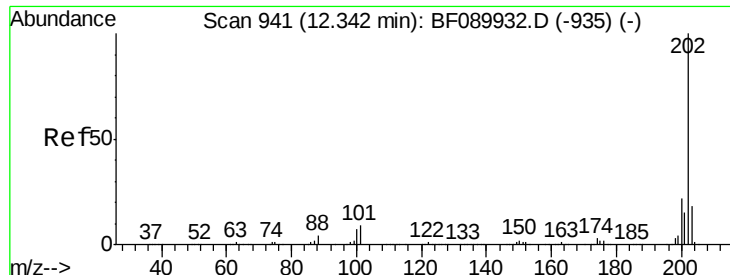
Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.8

104 4.8 3.9 5.9





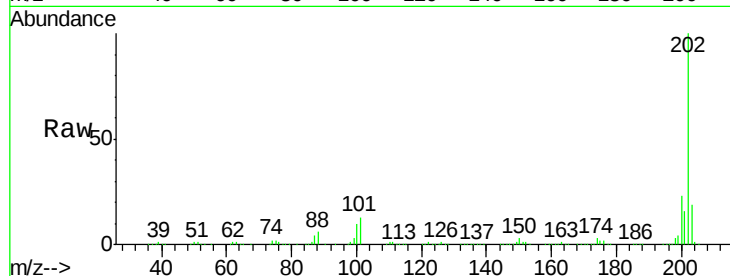
#74
Fluoranthene
 Concen: 63.18 ng
 RT: 12.34 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

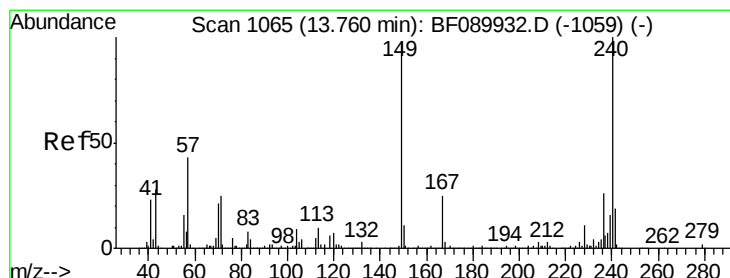
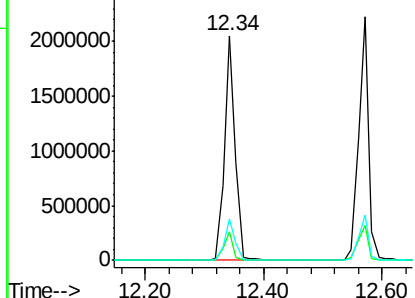
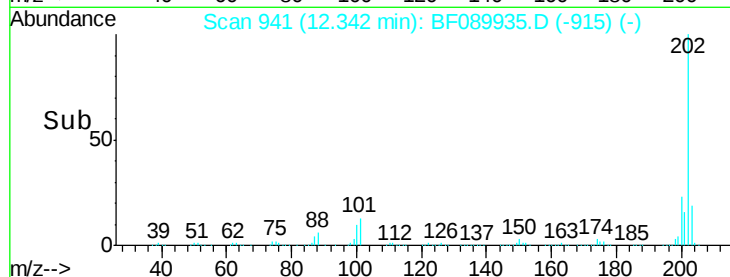
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	28.5
203	18.6	0.0	38.0

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:52:07 AM

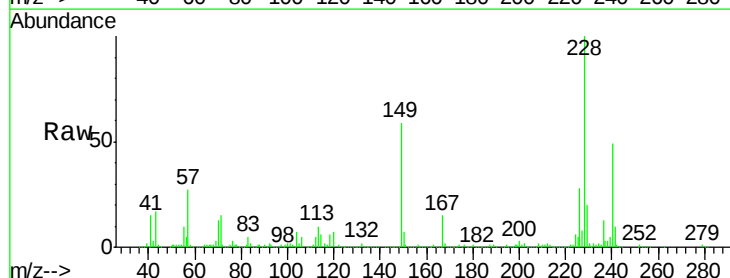


Abundance Ion 202.00 (201.70 to 202.70): E
 3000000 Ion 101.00 (100.70 to 101.70): E
 2500000 Ion 203.00 (202.70 to 203.70): E

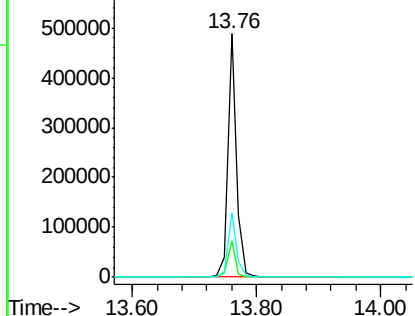
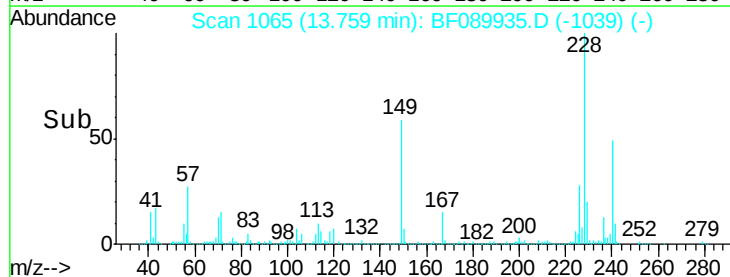


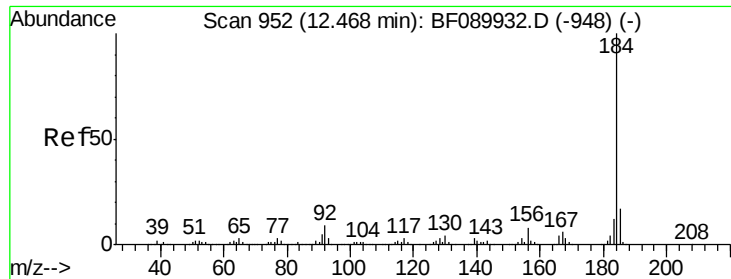
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.7	8.5#
236	26.2	21.3	31.9



Abundance Ion 240.00 (239.70 to 240.70): E
 600000 Ion 120.00 (119.70 to 120.70): E
 500000 Ion 236.00 (235.70 to 236.70): E





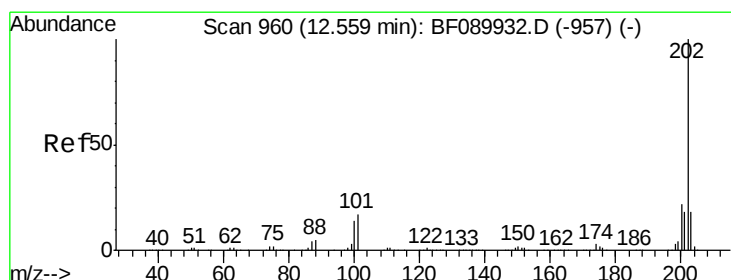
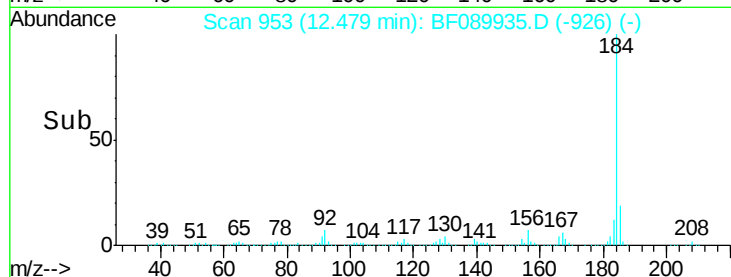
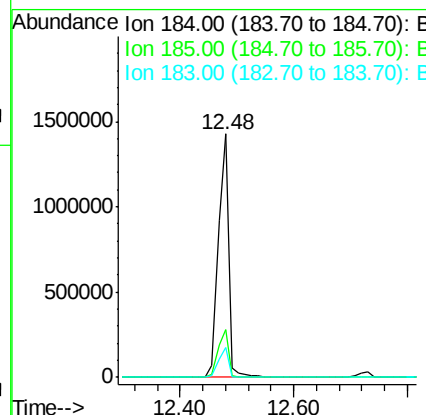
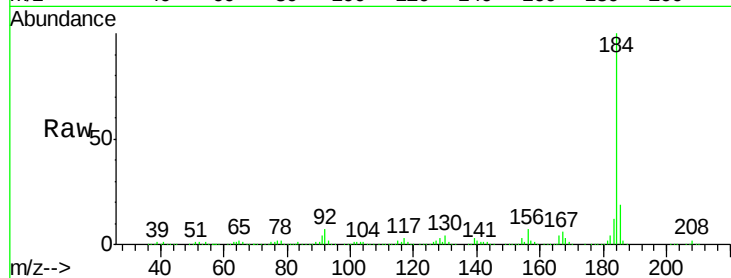
#76
Benzidine
Concen: 102.47 ng
RT: 12.48 min Scan# 953
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion:184 Resp: 1755786
Ion Ratio Lower Upper
184 100
185 19.5 13.8 20.8
183 12.5 9.6 14.4

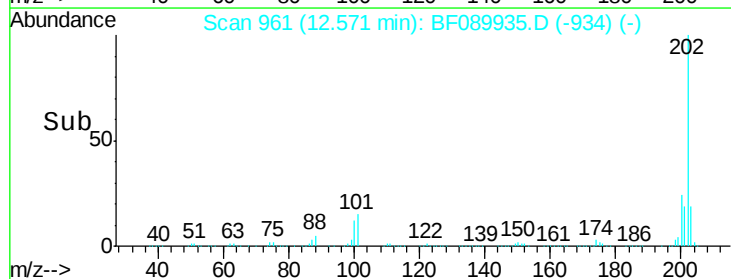
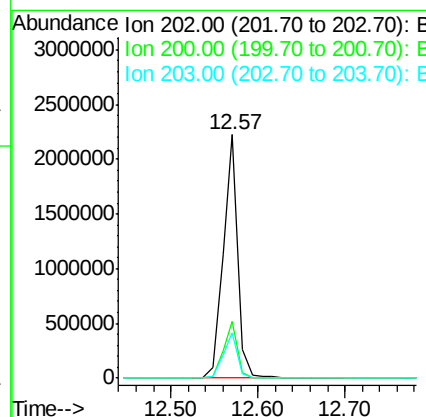
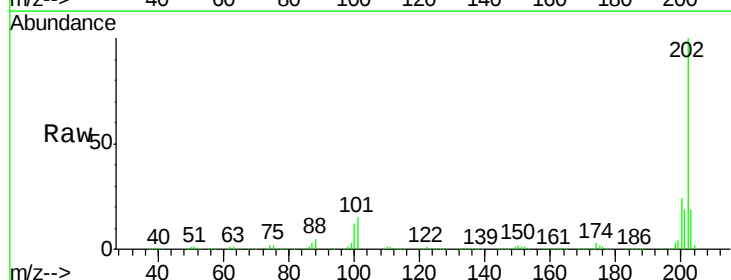
Manual Integrations
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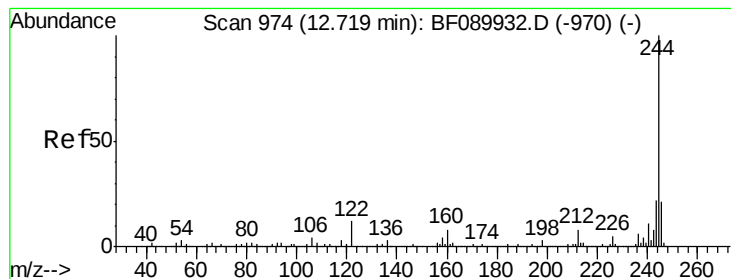
SOHIL
9/1/2016 11:52:07 AM



#77
Pyrene
Concen: 80.39 ng
RT: 12.57 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion:202 Resp: 2597269
Ion Ratio Lower Upper
202 100
200 23.5 17.6 26.4
203 18.7 14.6 21.8





#78

Terphenyl-d14

Concen: 78.45 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampled :

SSTDICC080

Tgt Ion:244 Resp: 2963402

Ion Ratio Lower Upper

244 100

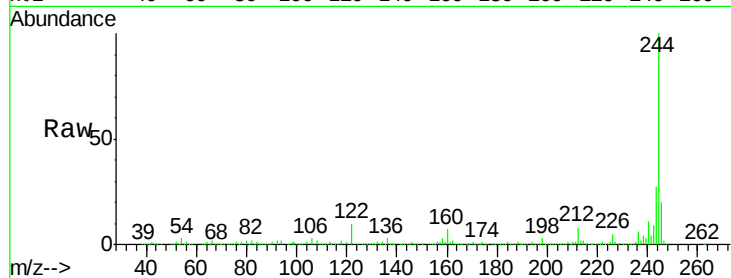
212 7.8 6.1 9.1

122 9.6 9.6 14.4#

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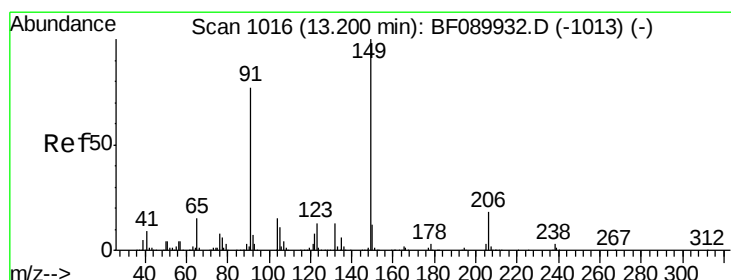
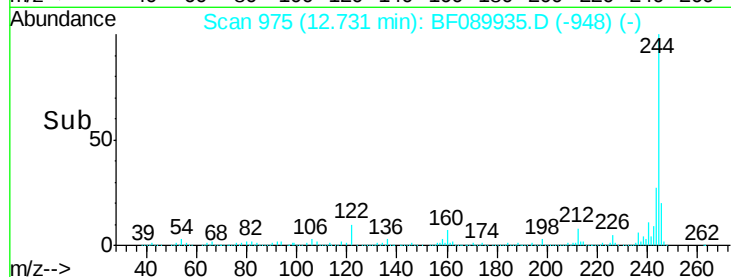
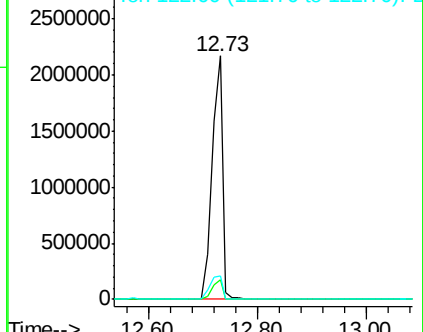
9/1/2016 11:52:07 AM



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: 107.95 ng

RT: 13.21 min Scan# 1017

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

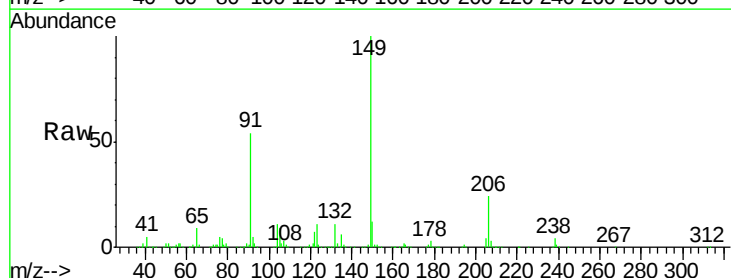
Tgt Ion:149 Resp: 1379352

Ion Ratio Lower Upper

149 100

91 54.3 60.0 90.0#

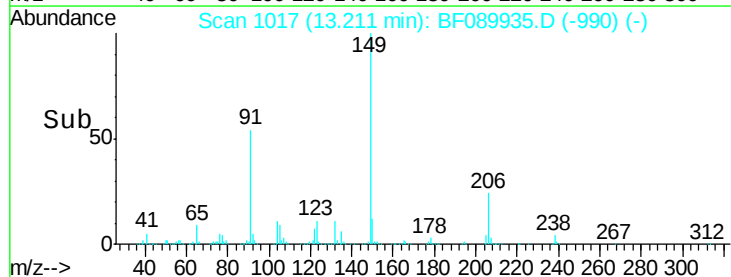
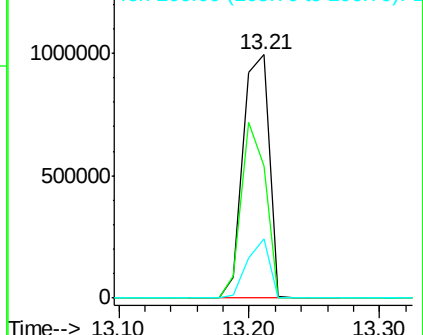
206 24.2 15.1 22.7#

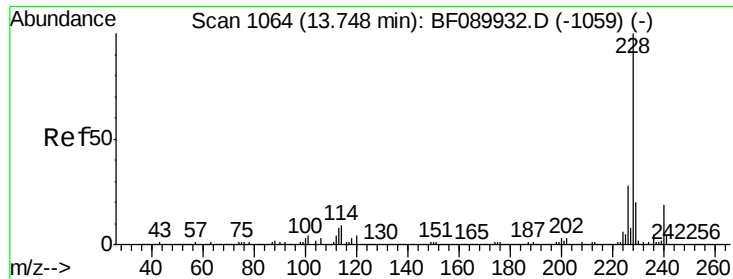


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





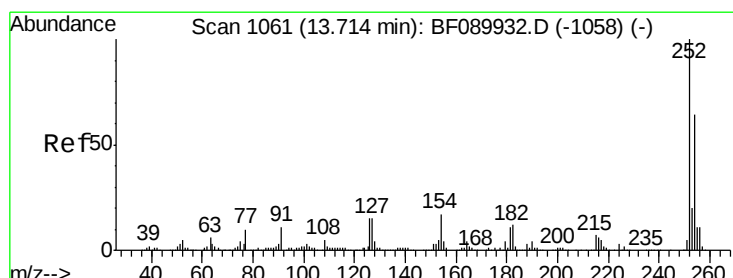
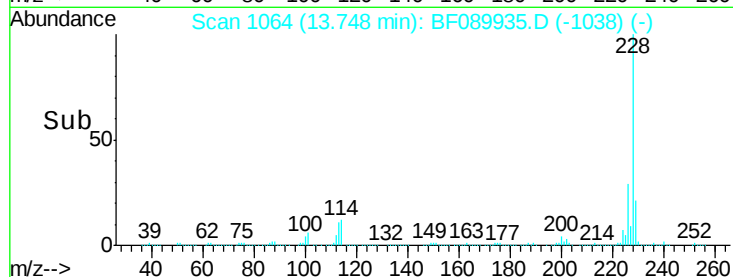
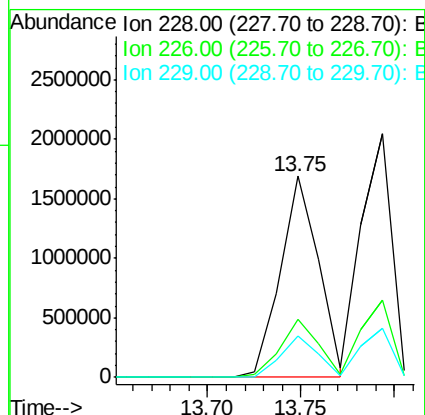
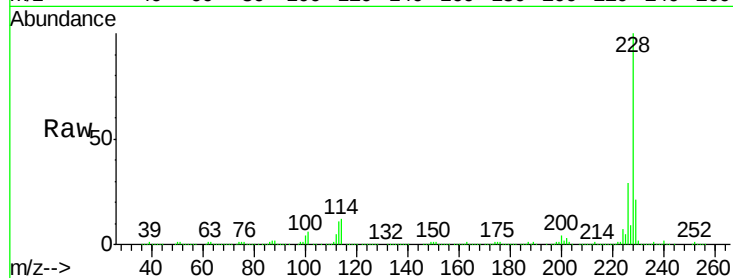
#80
Benzo(a)anthracene
Concen: 86.36 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 228 Resp: 2410778
Ion Ratio Lower Upper
228 100
226 28.6 22.2 33.2
229 20.8 15.8 23.6

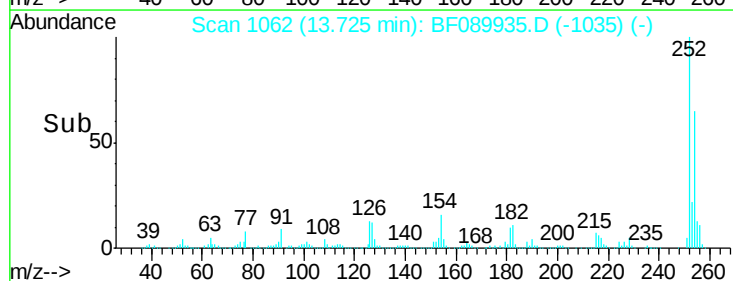
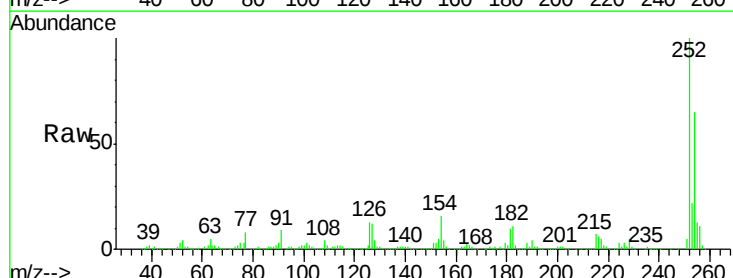
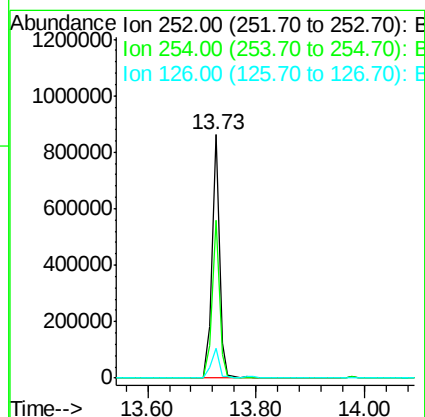
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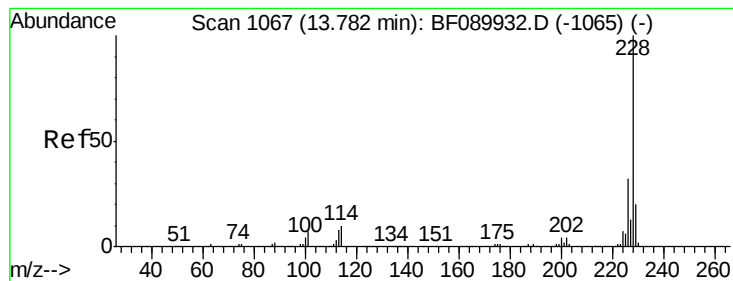
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#81
3,3'-Dichlorobenzidine
Concen: 82.37 ng
RT: 13.73 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion: 252 Resp: 831863
Ion Ratio Lower Upper
252 100
254 64.8 51.3 76.9
126 12.5 12.3 18.5





#82

Chrysene

Concen: 95.95 ng

RT: 13.79 min Scan# 1068

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 2379414

Ion Ratio Lower Upper

228 100

226 31.9 25.2 37.8

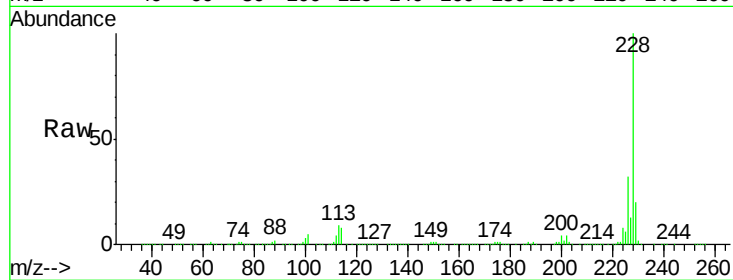
229 20.4 16.2 24.2

Manual Integrations

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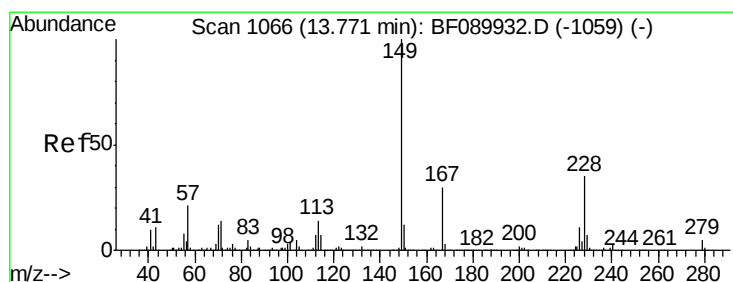
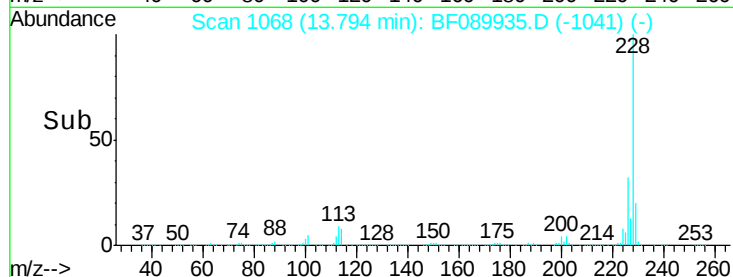
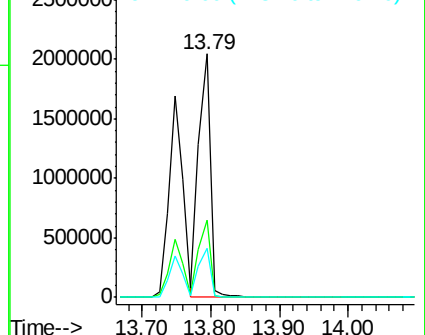
9/1/2016 11:52:07 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 90.73 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

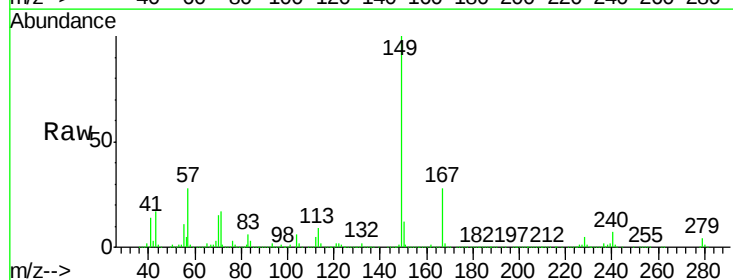
Tgt Ion:149 Resp: 1646406

Ion Ratio Lower Upper

149 100

167 28.3 23.6 35.4

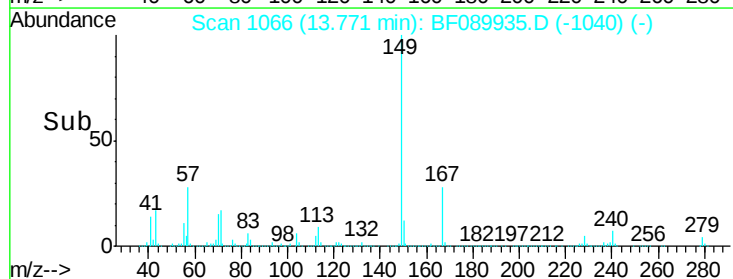
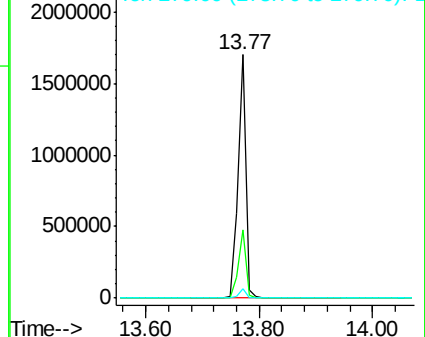
279 3.6 3.4 5.2

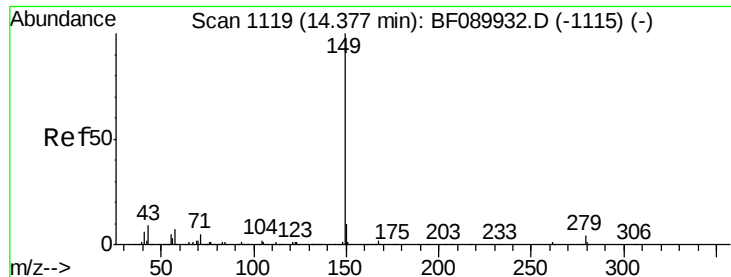


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 92.82 ng

RT: 14.38 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:149 Resp: 2674229

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

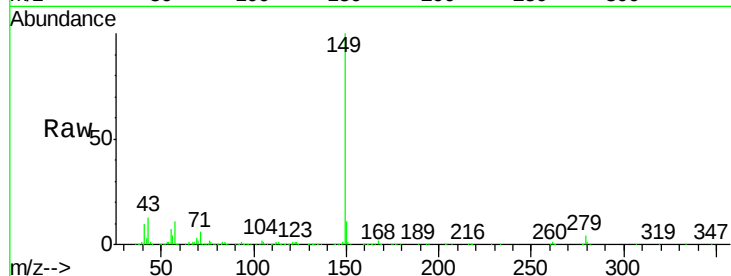
43 13.3 9.3 13.9

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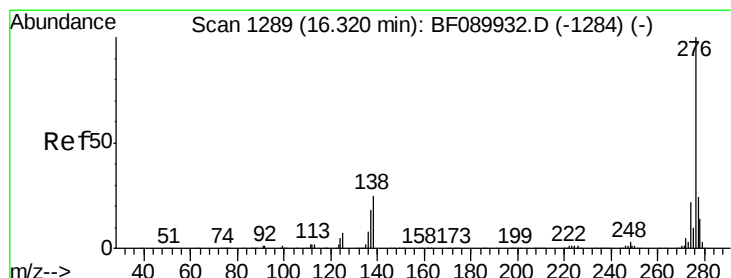
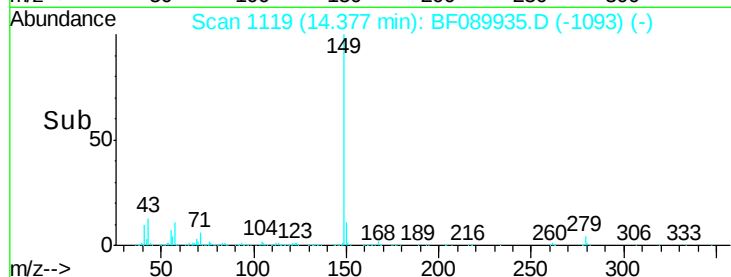
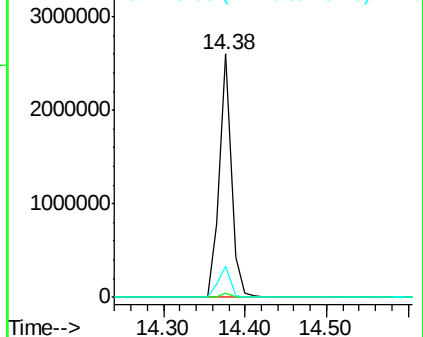
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 93.26 ng

RT: 16.34 min Scan# 1291

Delta R.T. 0.02 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

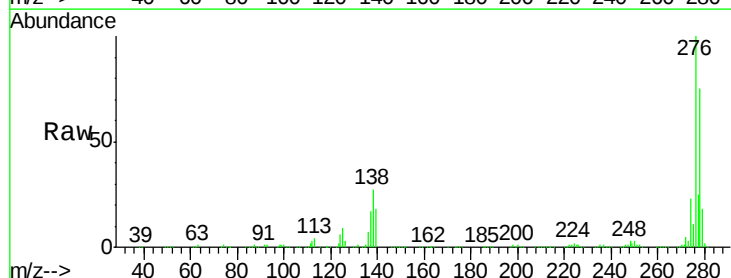
Tgt Ion:276 Resp: 1772559

Ion Ratio Lower Upper

276 100

138 28.2 22.6 34.0

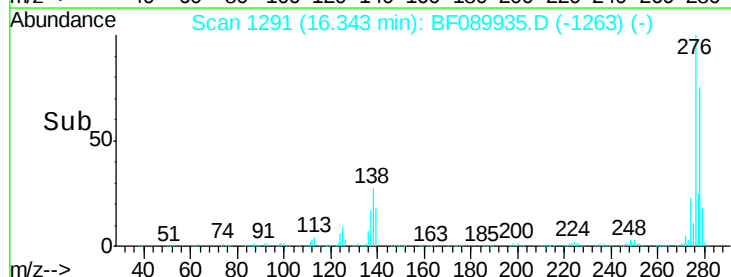
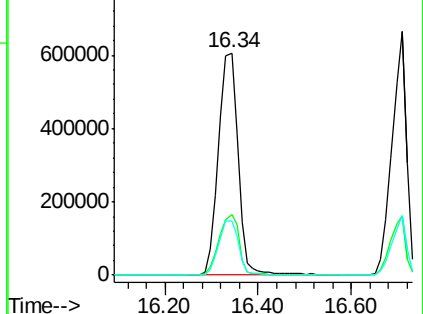
277 25.1 20.1 30.1

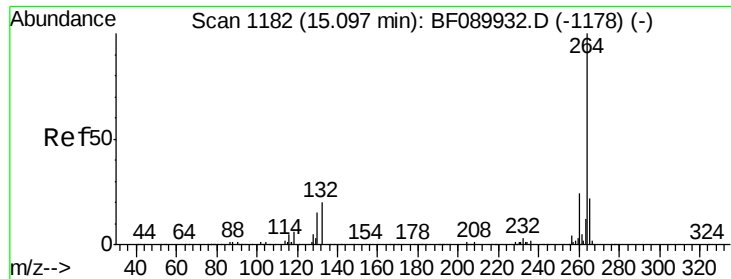


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.10 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

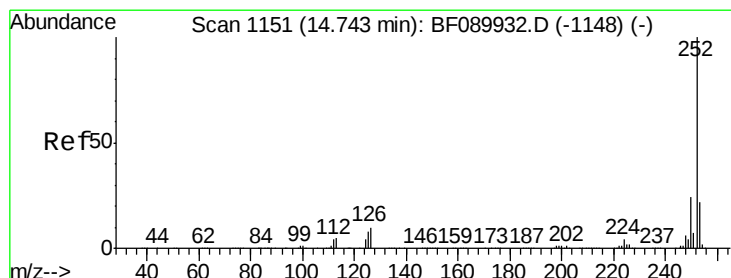
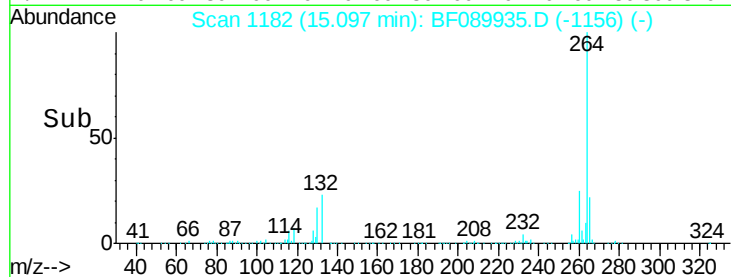
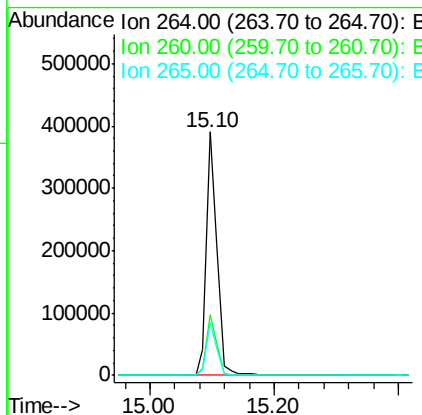
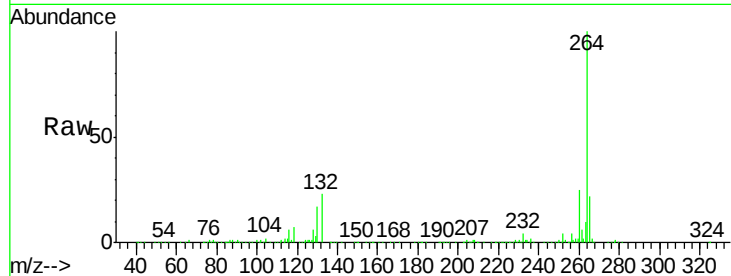
ClientSampleId :

SSTDIC080

Tgt Ion:	264	Resp:	467596
Ion Ratio		Lower	Upper
264	100		
260	24.7	19.4	29.0
265	21.8	17.4	26.2

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#87

Benzo(b)fluoranthene

Concen: 71.42 ng m

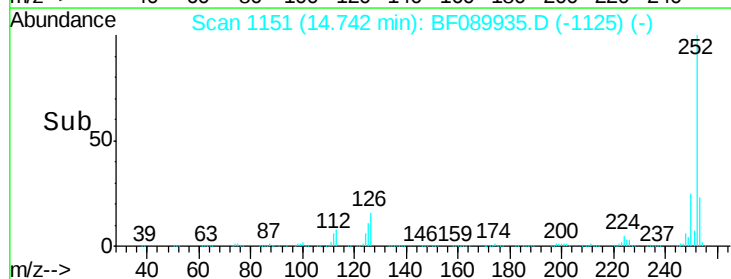
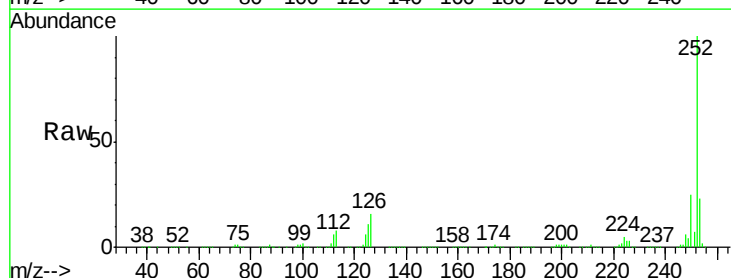
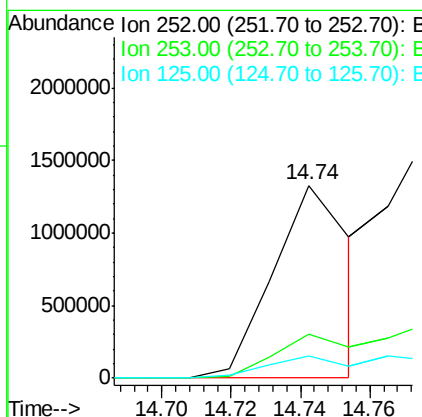
RT: 14.74 min Scan# 1151

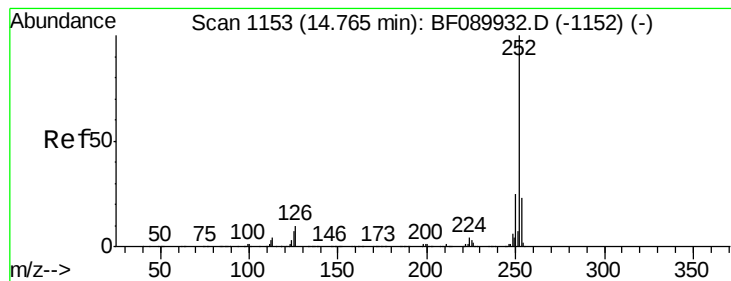
Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Tgt Ion:	252	Resp:	2073191
Ion Ratio		Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.3	5.7	8.5#





#88

Benzo(k)fluoranthene

Concen: 84.23 ng m

RT: 14.78 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:252 Resp: 2067872

Ion Ratio Lower Upper

252 100

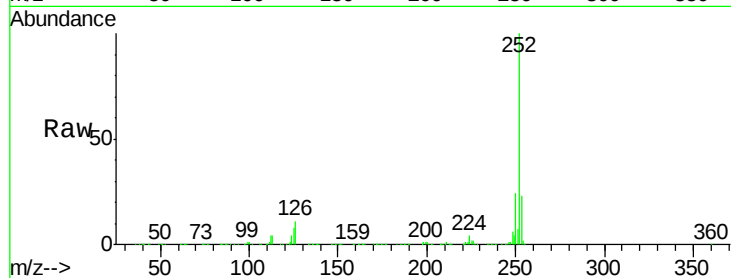
253 22.6 17.8 26.8

125 7.6 7.3 10.9

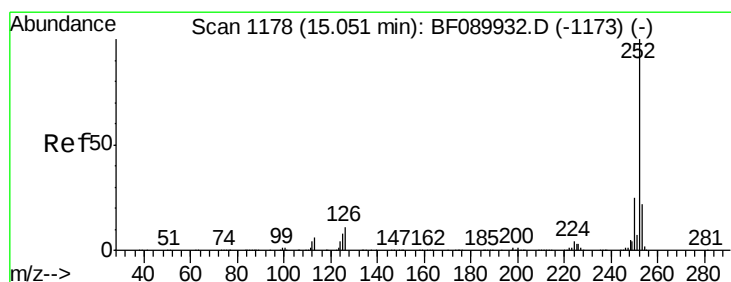
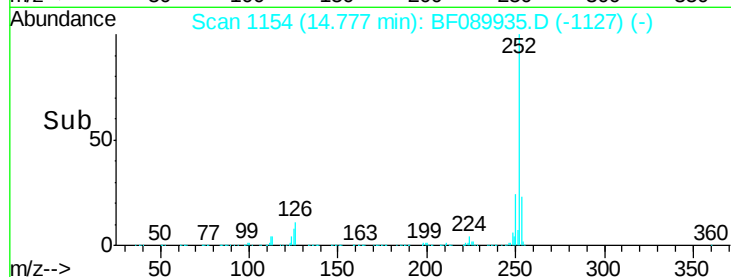
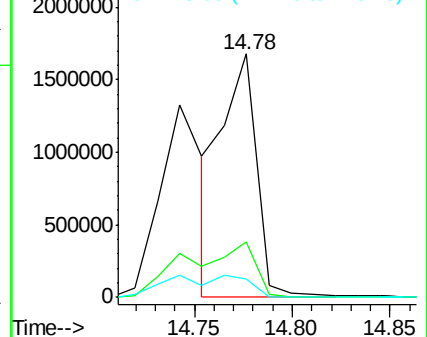
Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 75.14 ng

RT: 15.05 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

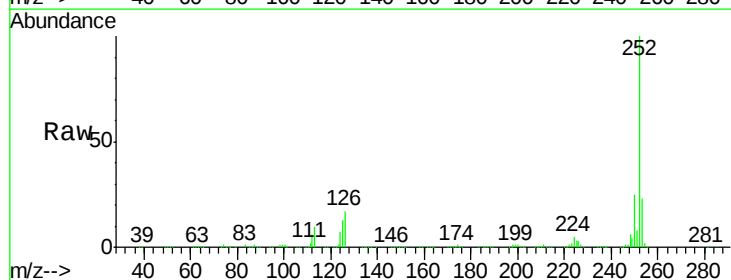
Tgt Ion:252 Resp: 1857892

Ion Ratio Lower Upper

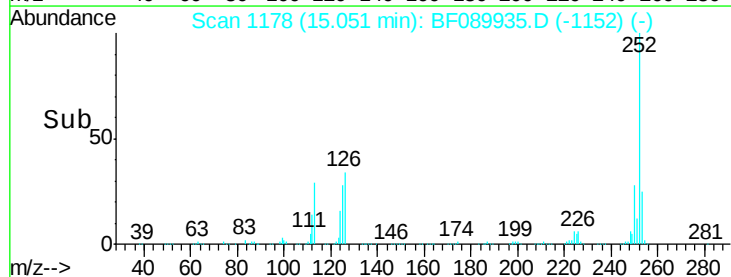
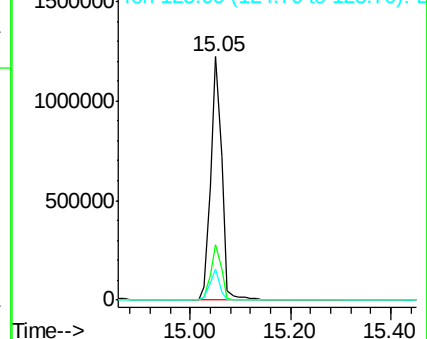
252 100

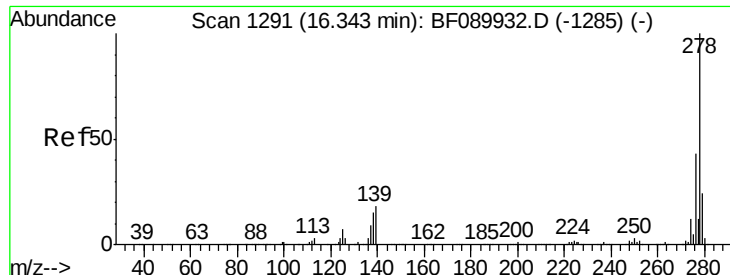
253 22.7 17.5 26.3

125 12.8 6.3 9.5#



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





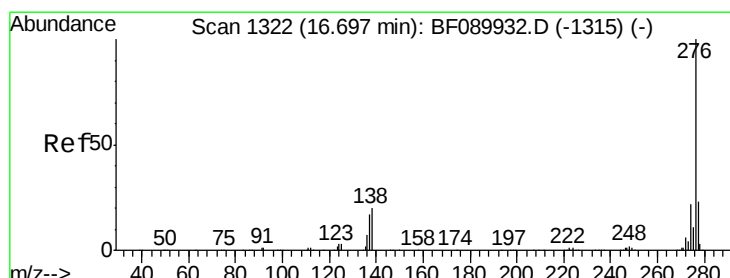
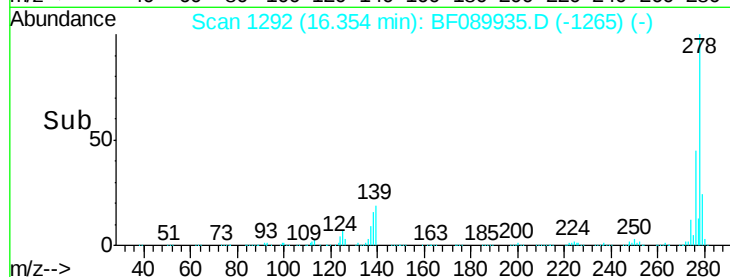
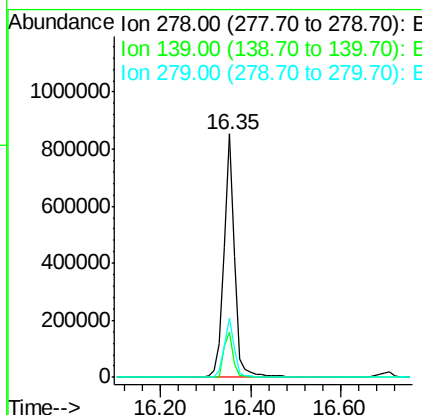
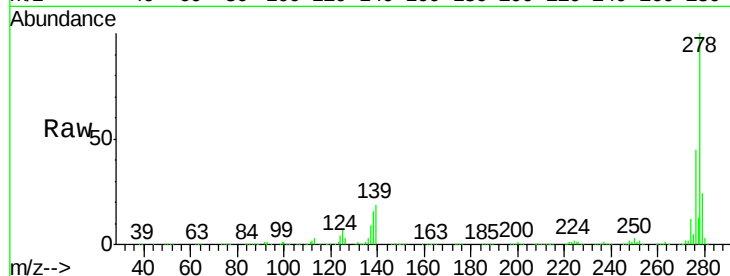
#90
Dibenzo(a,h)anthracene
Concen: 74.93 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 1410540
Ion Ratio Lower Upper
278 100
139 18.8 13.4 20.2
279 24.3 19.4 29.2

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:52:07 AM



#91
Benzo(g,h,i)perylene
Concen: 77.36 ng
RT: 16.71 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion:276 Resp: 1456841
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.4
138 24.5 16.4 24.6

