

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091587.D
 Acq On : 14 Dec 2016 16:38
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 12/15/2016 5:39:49 PM

Quant Time: Dec 15 14:42:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	276890	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1112198	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	608502	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	981749	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	799798	20.00	ng	-0.01
86) Perylene-d12	15.36	264	693331	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1470880	89.50	ng	-0.02
7) Phenol-d6	6.43	99	1760398	85.92	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1729838	86.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	427935	84.67	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2506173	71.16	ng	-0.02
78) Terphenyl-d14	12.90	244	2315640	65.70	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	362221	41.76	ng	# 84
3) Pyridine	3.02	79	1077948	46.64	ng	# 83
4) n-Nitrosodimethylamine	2.98	42	412417	41.54	ng	# 63
6) Aniline	6.45	93	1081661	40.27	ng	95
8) 2-Chlorophenol	6.58	128	793476	42.77	ng	96
9) Benzaldehyde	6.34	77	553169	39.23	ng	80
10) Phenol	6.45	94	987628	41.23	ng	# 72
11) bis(2-Chloroethyl)ether	6.53	93	785335	43.64	ng	87
12) 1,3-Dichlorobenzene	6.74	146	814579m	40.49	ng	
13) 1,4-Dichlorobenzene	6.81	146	802501	40.45	ng	96
14) 1,2-Dichlorobenzene	6.97	146	799585	44.72	ng	95
15) Benzyl Alcohol	6.94	79	710552	43.92	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1230879	44.14	ng	80
17) 2-Methylphenol	7.22	107	777328	50.64	ng	91
18) Hexachloroethane	7.31	117	320229	41.35	ng	91
19) n-Nitroso-di-n-propylamine	7.22	70	584957	45.66	ng	# 77
20) 3+4-Methylphenols	7.22	107	777586	47.05	ng	91
22) Acetophenone	7.21	105	1057154	39.67	ng	# 94
24) Nitrobenzene	7.38	77	852222	40.48	ng	90
25) Isophorone	7.62	82	1493134	42.15	ng	97
26) 2-Nitrophenol	7.70	139	453298	48.78	ng	# 77
27) 2,4-Dimethylphenol	7.74	122	746671	45.75	ng	96
28) bis(2-Chloroethoxy)methane	7.84	93	911442	43.87	ng	99
29) 2,4-Dichlorophenol	7.94	162	573697	40.40	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	651266	40.35	ng	99
31) Naphthalene	8.10	128	2089478	40.38	ng	99
32) Benzoic acid	7.87	122	543257	46.55	ng	94
33) 4-Chloroaniline	8.16	127	1021204	45.81	ng	97
34) Hexachlorobutadiene	8.22	225	360541	38.97	ng	97
35) Caprolactam	8.53	113	212682	51.29	ng	# 56
36) 4-Chloro-3-methylphenol	8.65	107	706508	44.36	ng	# 84
37) 2-Methylnaphthalene	8.80	142	1457943	43.53	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	575953	34.51	ng	99
40) Hexachlorocyclopentadiene	8.96	237	260231	34.97	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	413494	38.56	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	454166	41.21	nq #	91
45) 1,1'-Biphenyl	9.26	154	1763930	40.02	nq	94
46) 2-Chloronaphthalene	9.29	162	1332651	39.05	nq	93
47) 2-Nitroaniline	9.38	65	474142	41.31	nq	90
48) Acenaphthylene	9.70	152	2156100	41.44	nq	99
49) Dimethylphthalate	9.56	163	1441238	37.41	nq	97
50) 2,6-Dinitrotoluene	9.62	165	323404	38.24	nq	93
51) Acenaphthene	9.87	154	1444316	39.97	nq	97
52) 3-Nitroaniline	9.79	138	398558	40.12	nq	93
53) 2,4-Dinitrophenol	9.89	184	188348	46.86	nq	96
54) Dibenzofuran	10.04	168	1872333	41.88	nq	97
55) 4-Nitrophenol	9.96	139	340835	46.12	nq #	56
56) 2,4-Dinitrotoluene	10.02	165	442795	41.77	nq #	52
57) Fluorene	10.38	166	1465748	45.99	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	352224	40.83	nq	95
59) Diethylphthalate	10.26	149	1496000	40.32	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	570710	35.50	nq #	77
61) 4-Nitroaniline	10.41	138	471661m	47.78	nq	
62) Azobenzene	10.53	77	1661818	39.53	nq	88
64) 4,6-Dinitro-2-methylphenol	10.43	198	260272	43.92	nq #	67
65) n-Nitrosodiphenylamine	10.50	169	1286132	43.94	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	410761	40.81	nq	95
67) Hexachlorobenzene	10.93	284	457240	43.69	nq	98
68) Atrazine	11.02	200	360313	38.29	nq	98
69) Pentachlorophenol	11.13	266	273458	46.43	nq	96
70) Phenanthrene	11.34	178	2188675	45.02	nq	100
71) Anthracene	11.39	178	1998733	38.12	nq	99
72) Carbazole	11.55	167	2138410	46.52	nq	99
73) Di-n-butylphthalate	11.88	149	2194068	40.97	nq	98
74) Fluoranthene	12.52	202	2089193	41.04	nq	94
76) Benzidine	12.65	184	893277	36.12	nq	100
77) Pyrene	12.75	202	2097036	33.05	nq	98
79) Butylbenzylphthalate	13.38	149	1057226	42.74	nq	97
80) Benzo(a)anthracene	13.94	228	1725420	37.15	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	680229	40.78	nq #	98
82) Chrysene	13.97	228	1709522	35.18	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	1219827	38.44	nq	98
84) Di-n-octyl phthalate	14.56	149	2288340	42.48	nq #	91
85) Indeno(1,2,3-cd)pyrene	16.72	276	1505698	34.43	nq	98
87) Benzo(b)fluoranthene	14.96	252	1631141	39.47	nq	99
88) Benzo(k)fluoranthene	14.99	252	1683870m	46.33	nq	
89) Benzo(a)pyrene	15.30	252	1538770	41.33	nq	98
90) Dibenzo(a,h)anthracene	16.74	278	1260624	37.79	nq	97
91) Benzo(g,h,i)perylene	17.13	276	1295720	38.17	nq #	94

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

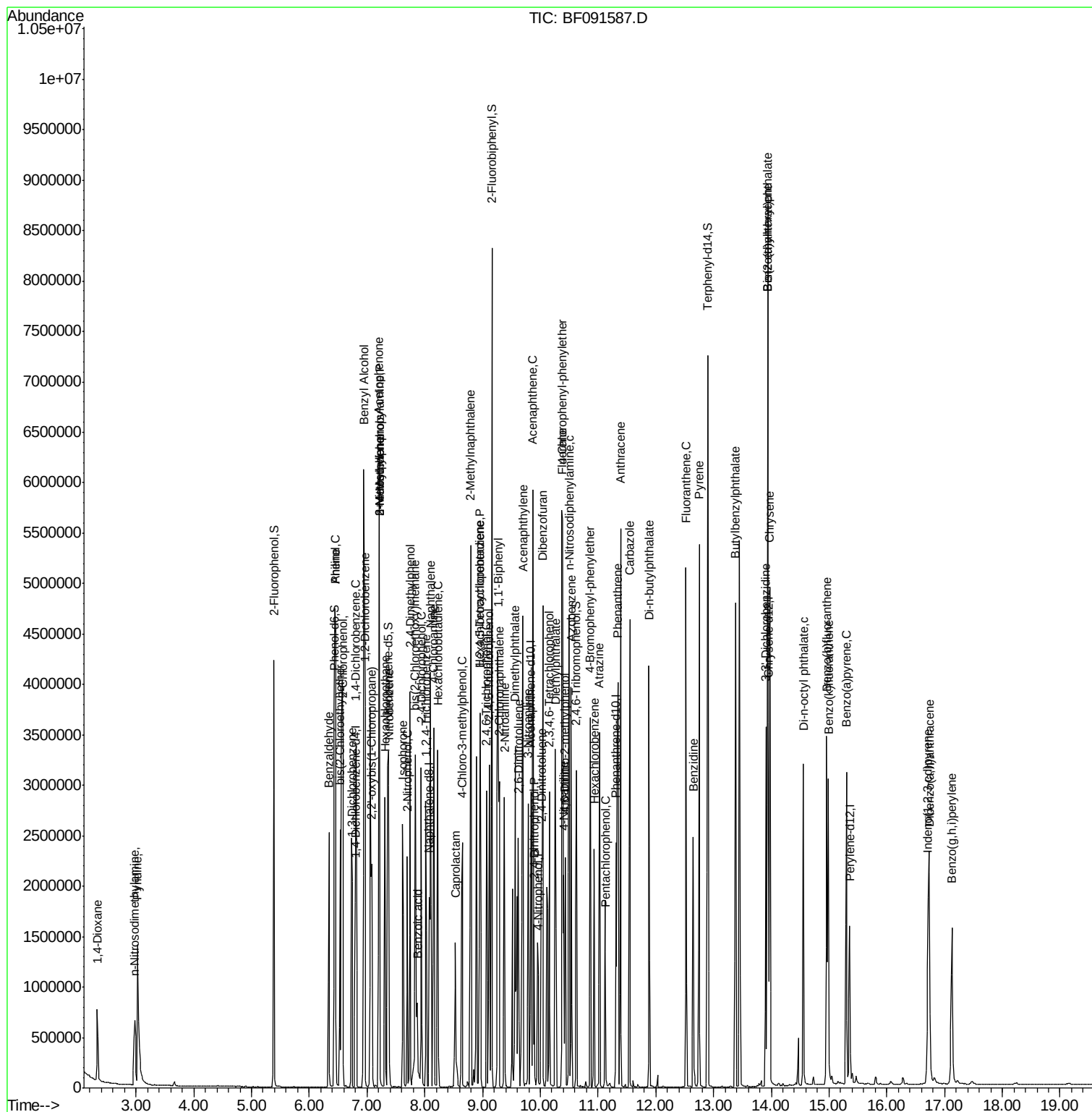
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\  
Data File : BF091587.D  
Acq On    : 14 Dec 2016  16:38  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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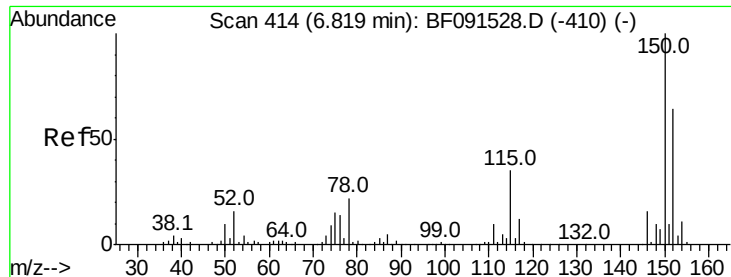
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

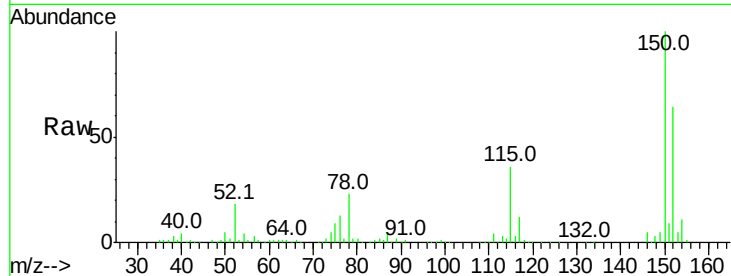
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

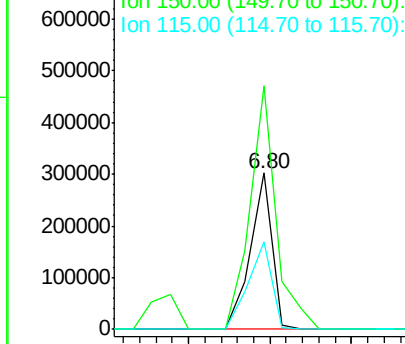
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.5	183.7
115	56.4	51.8	77.8

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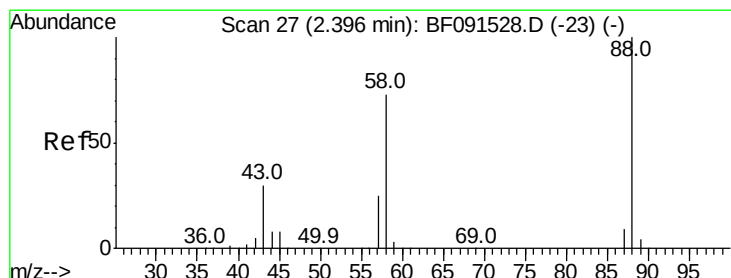
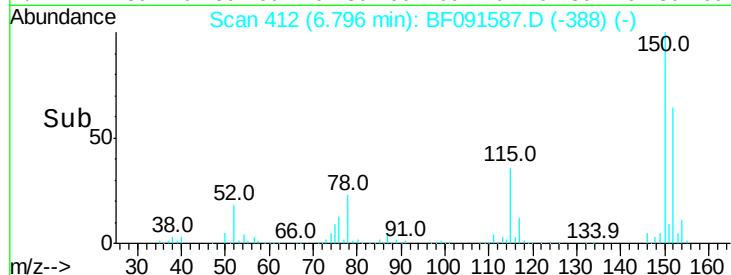
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



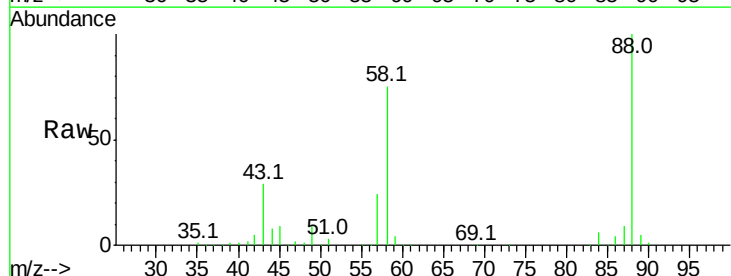
Time-->



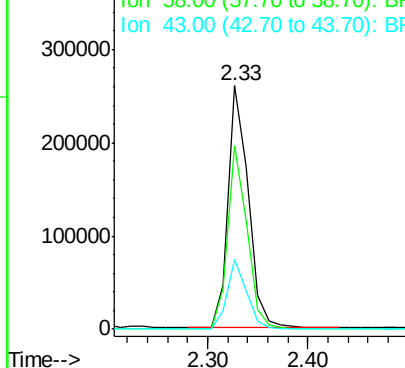
#2

1,4-Dioxane
Concen: 41.76 ng
RT: 2.33 min Scan# 21
Delta R.T. -0.07 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

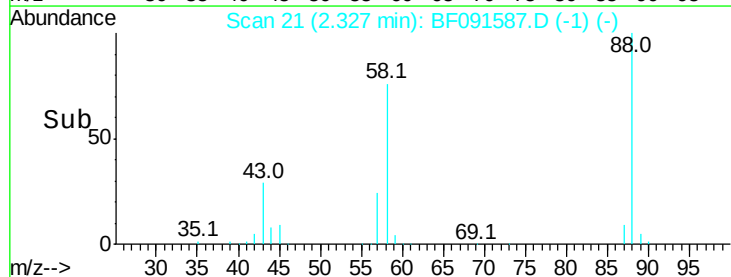
Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	70.3	105.5
43	27.7	31.3	46.9#

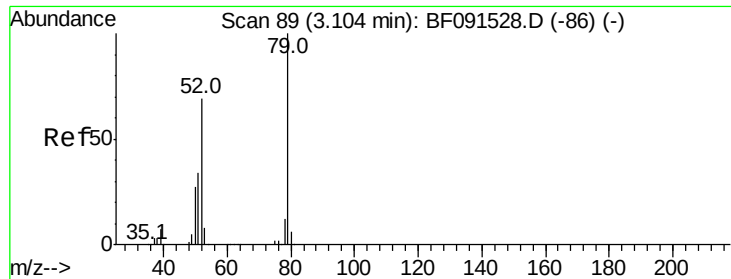


Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0



Time-->





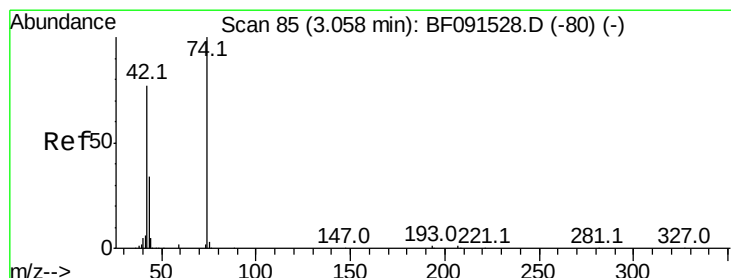
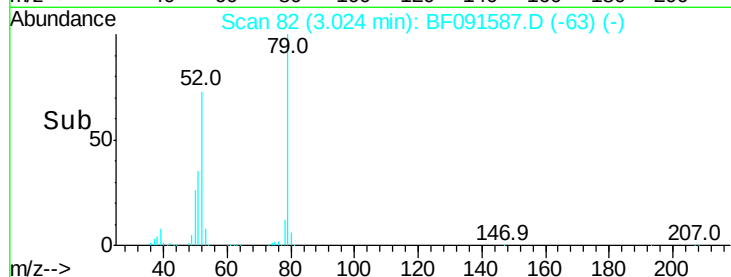
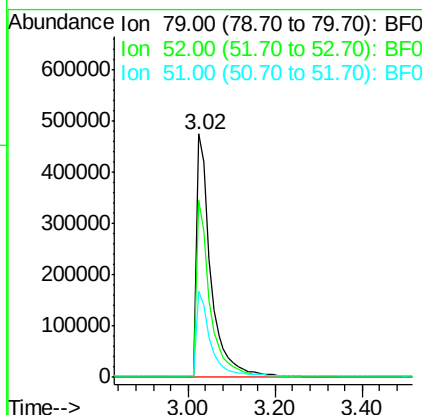
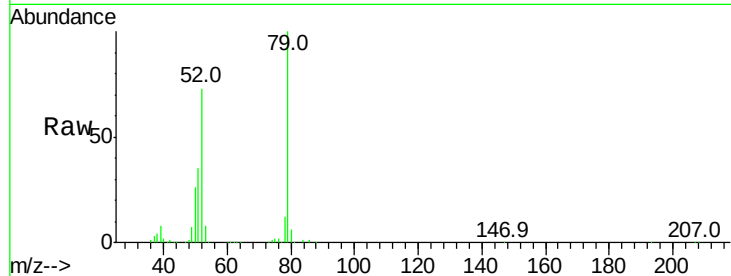
#3
 Pvridine
 Concen: 46.64 ng
 RT: 3.02 min Scan# 82
 Delta R.T. -0.08 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Instrument :
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 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 1077948
 Ion Ratio Lower Upper
 79 100
 52 72.9 71.0 106.4
 51 35.5 37.0 55.4#

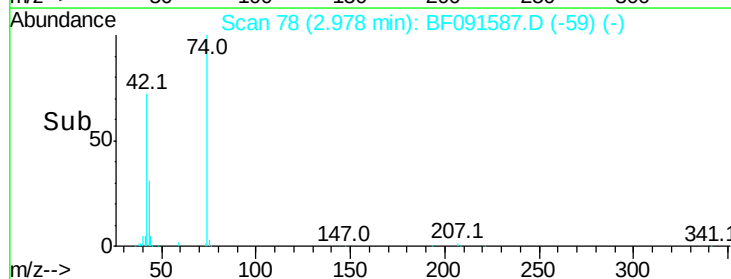
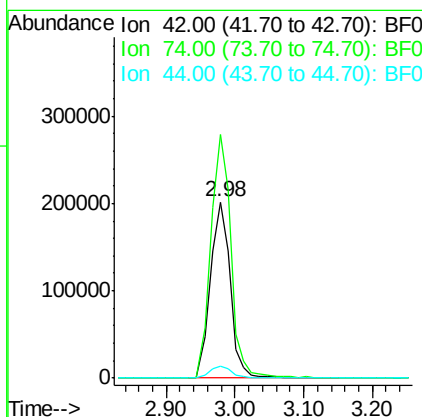
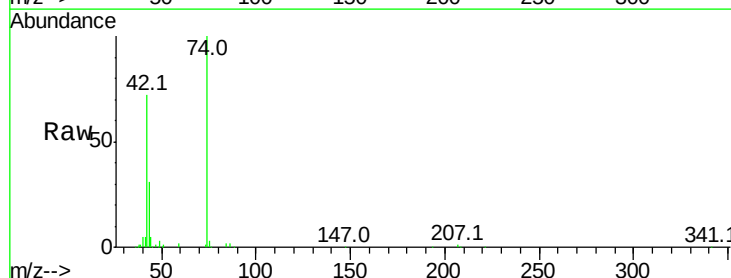
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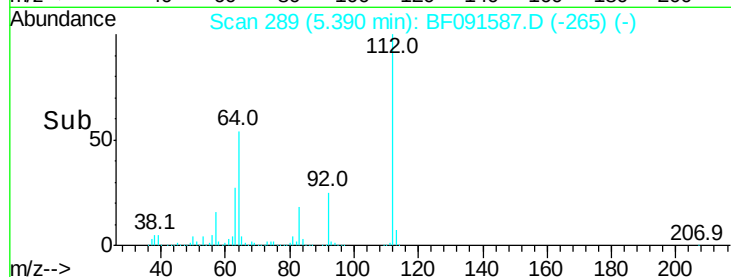
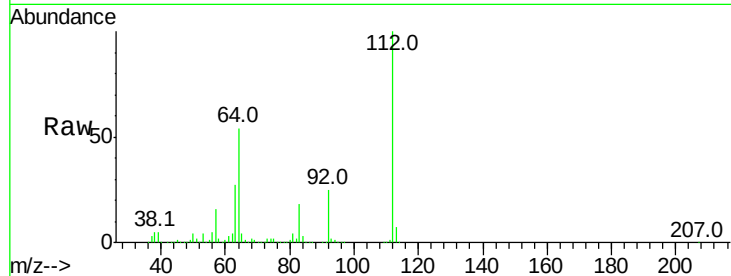
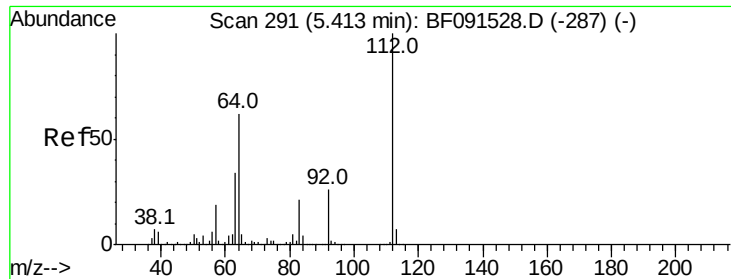
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#4
 n-Nitrosodimethylamine
 Concen: 41.54 ng
 RT: 2.98 min Scan# 78
 Delta R.T. -0.08 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Tgt Ion: 42 Resp: 412417
 Ion Ratio Lower Upper
 42 100
 74 138.3 78.9 118.3#
 44 6.9 5.8 8.6





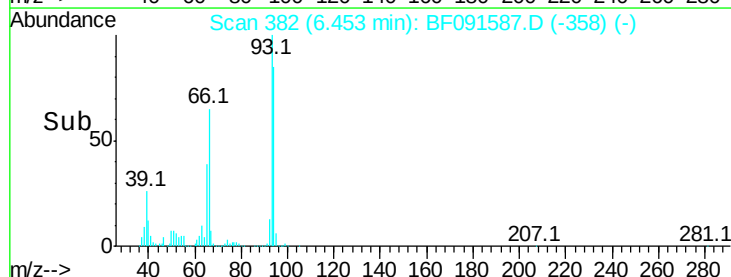
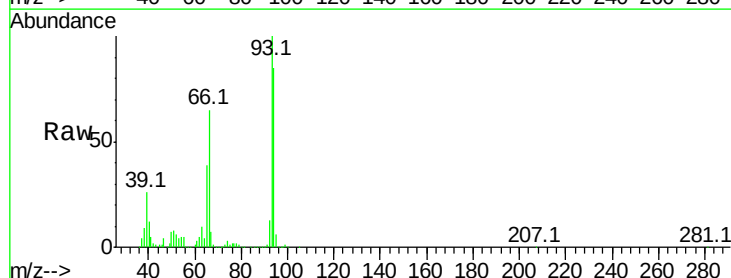
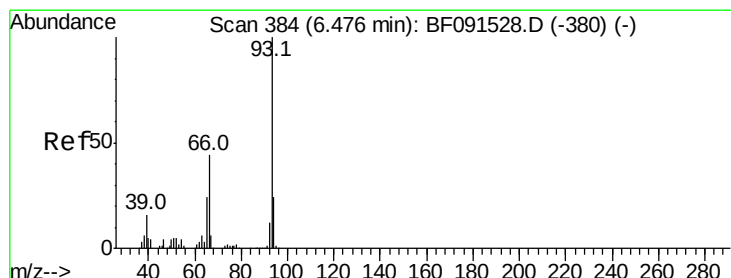
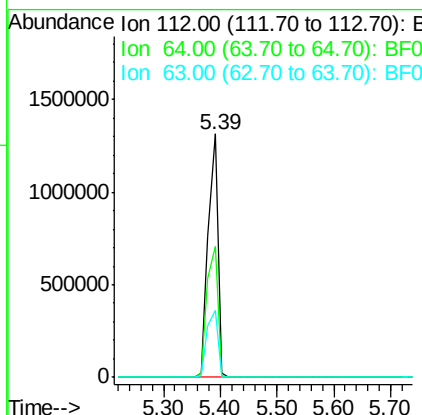
#5
2-Fluorophenol
Concen: 89.50 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tot Ion: 112 Resp: 1470880
Ion Ratio Lower Upper
112 100
64 53.9 61.5 92.3#
63 27.3 33.3 49.9#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

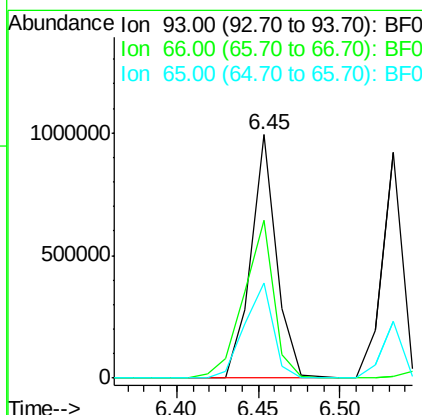
Manual Integrations
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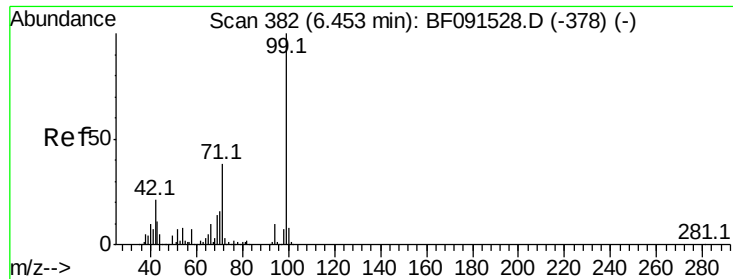
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#6
Aniline
Concen: 40.27 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tgt Ion: 93 Resp: 1081661
Ion Ratio Lower Upper
93 100
66 64.8 55.8 83.6
65 39.0 29.9 44.9





#7

Phenol-d6

Concen: 85.92 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1760398

Ion Ratio Lower Upper

99 100

42 19.8 20.6 31.0#

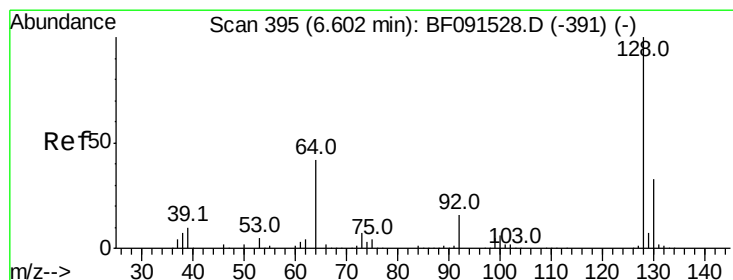
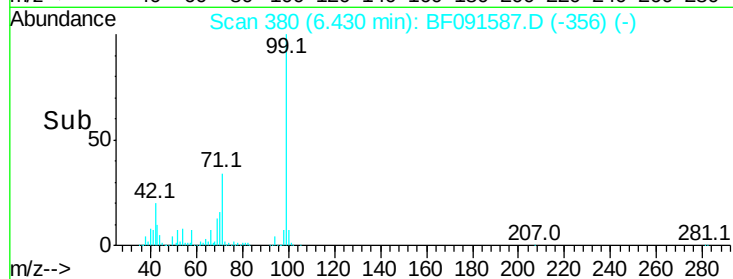
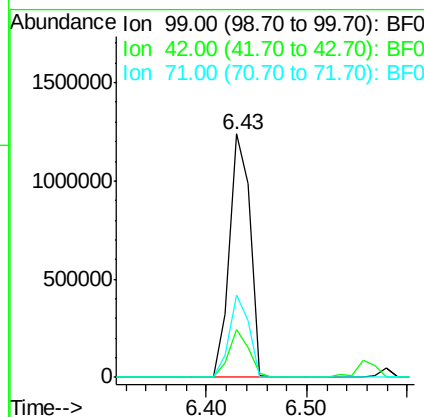
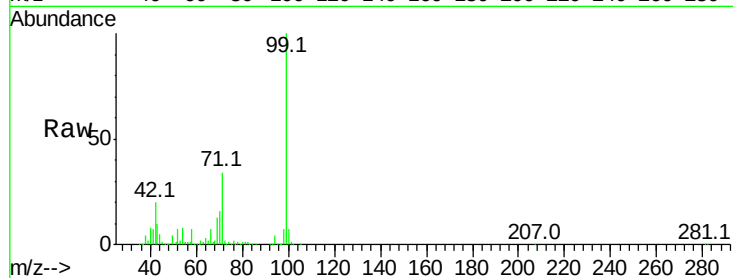
71 33.9 29.9 44.9

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#8

2-Chlorophenol

Concen: 42.77 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

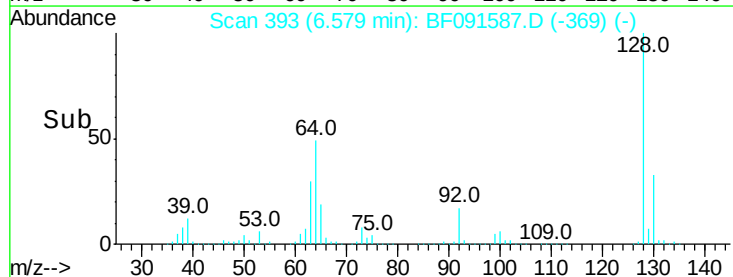
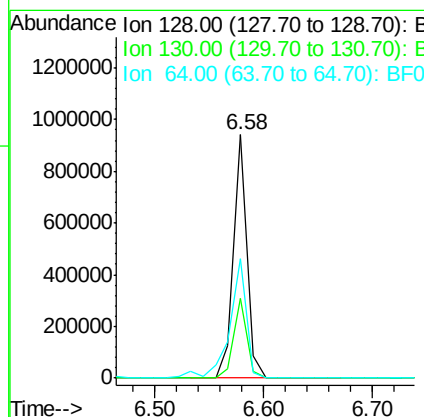
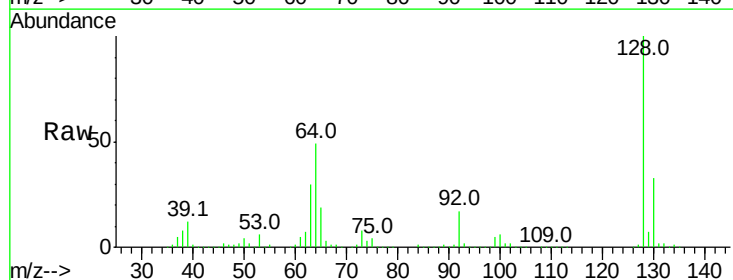
Tgt Ion: 128 Resp: 793476

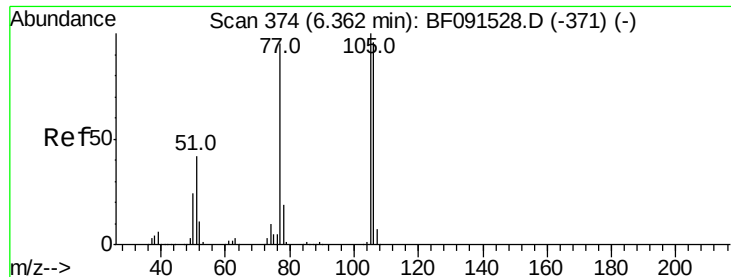
Ion Ratio Lower Upper

128 100

130 32.8 13.1 53.1

64 48.9 24.1 64.1





#9

Benzaldehyde

Concen: 39.23 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Instrument :

BNA_F

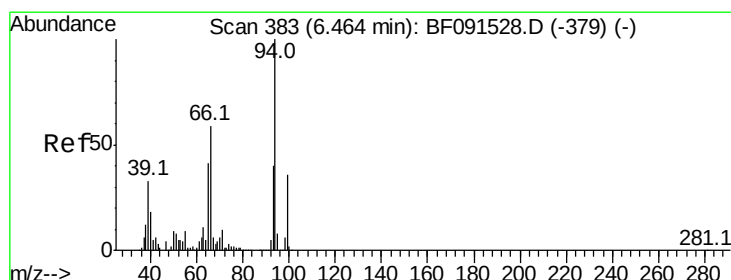
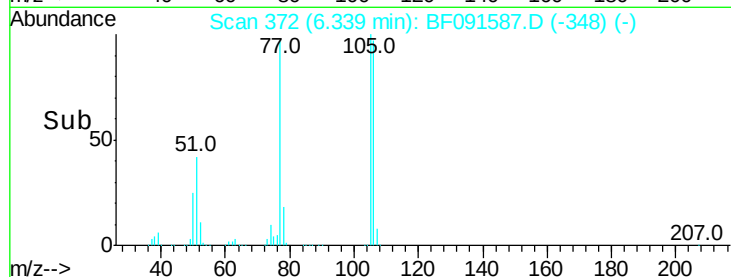
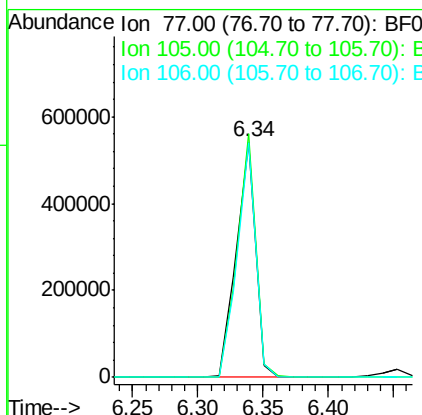
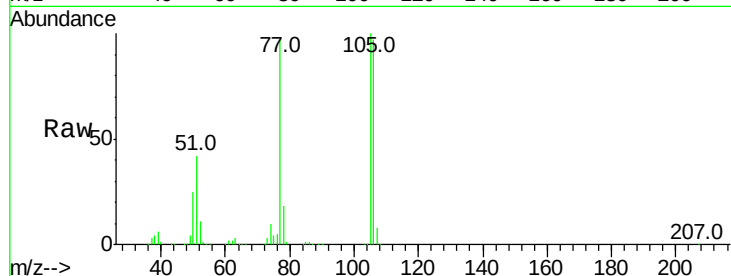
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	553169
Ion Ratio	Lower	Upper	
77	100		
105	103.5	66.4	106.4
106	100.0	60.9	100.9

Manual Integrations
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#10

Phenol

Concen: 41.23 ng

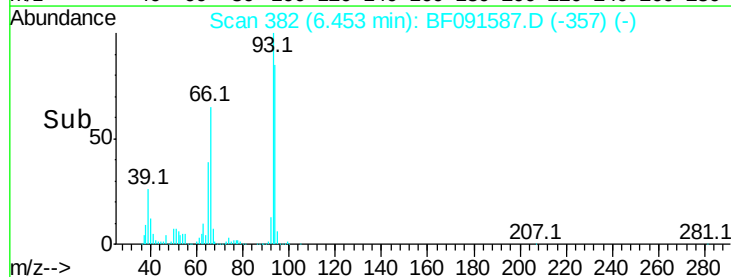
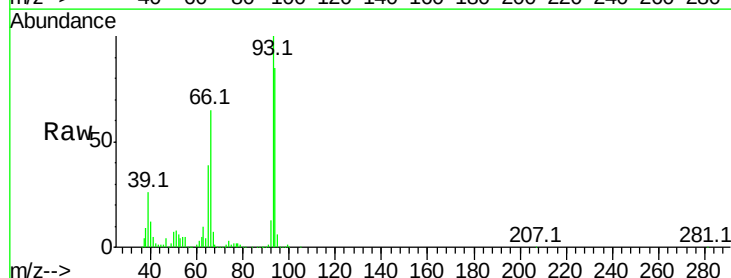
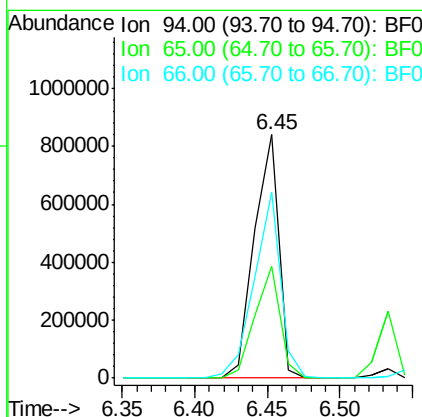
RT: 6.45 min Scan# 382

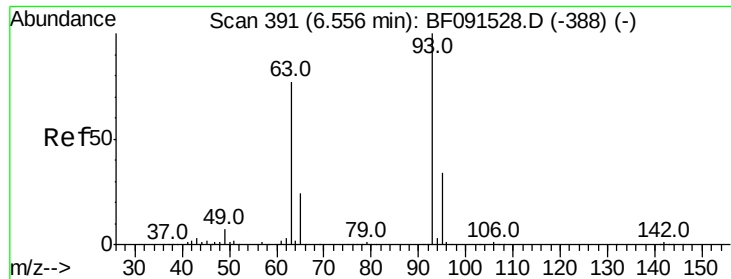
Delta R.T. -0.01 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Tgt Ion:	94	Resp:	987628
Ion Ratio	Lower	Upper	
94	100		
65	46.1	16.9	56.9
66	76.5	30.6	70.6#





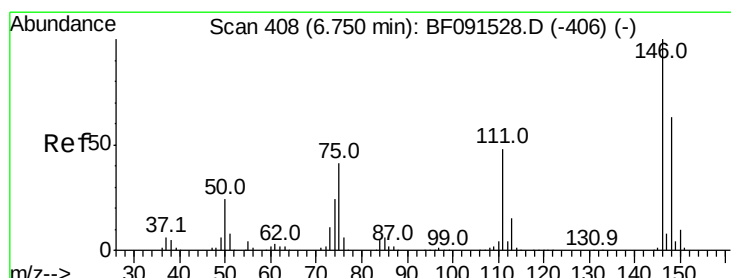
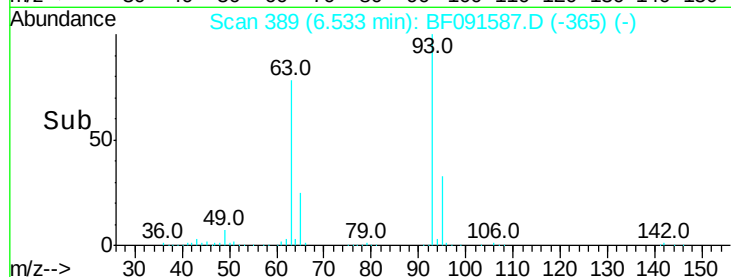
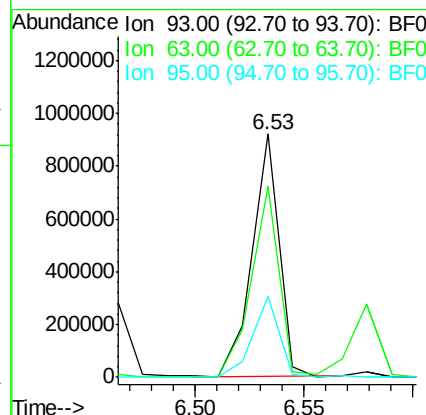
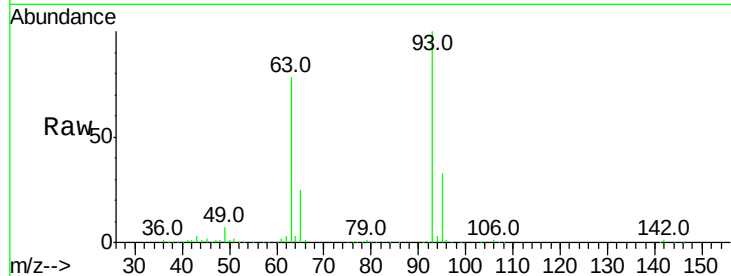
#11
bis(2-Chloroethyl)ether
Concen: 43.64 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.3	74.8	114.8
95	33.5	12.4	52.4

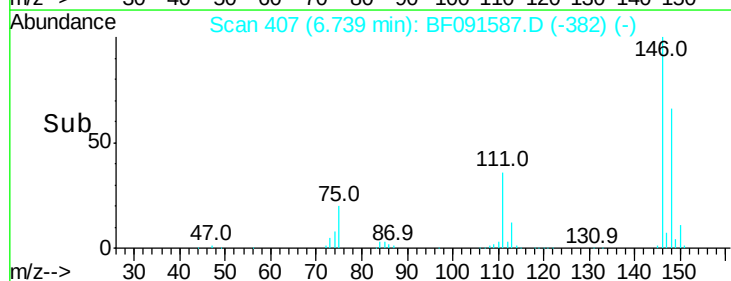
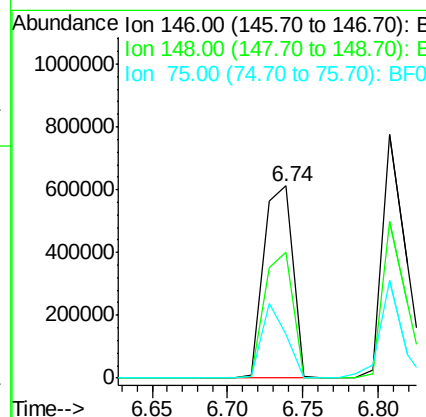
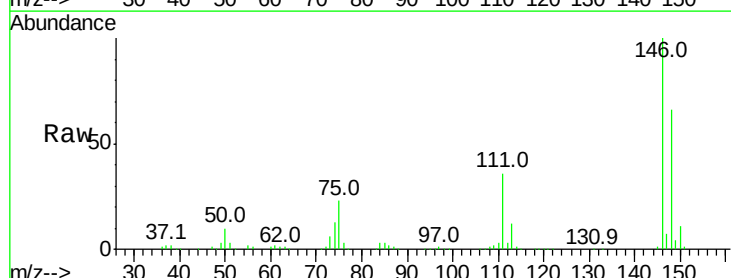
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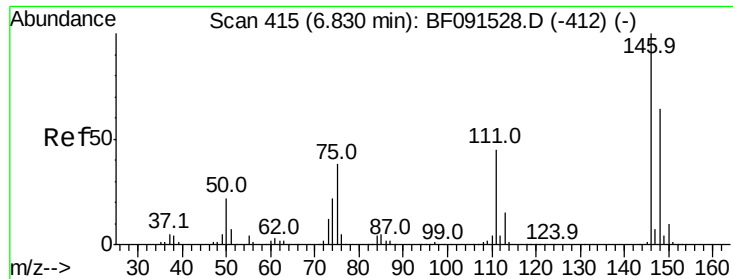
sohil
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#12
1,3-Dichlorobenzene
Concen: 40.49 ng m
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.0
75	22.7	23.6	35.4#





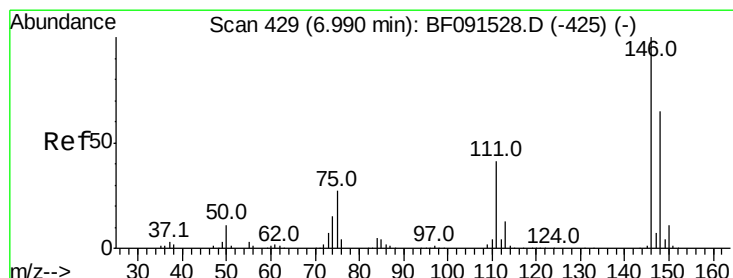
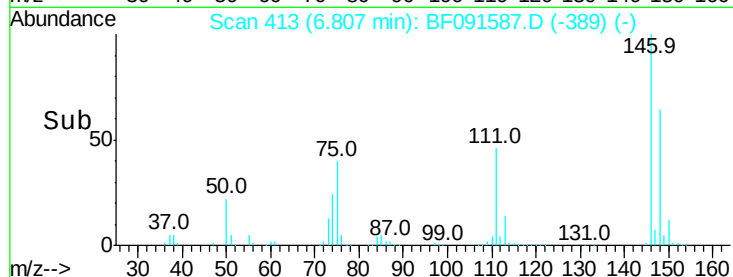
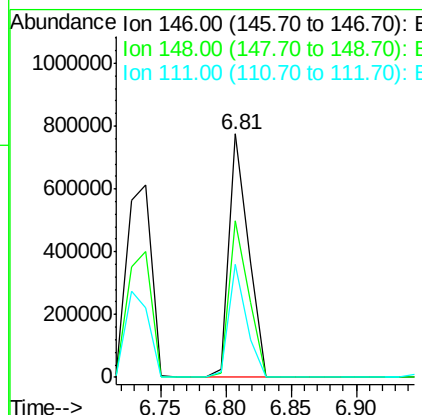
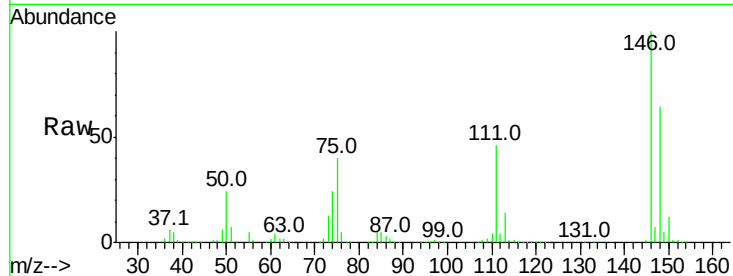
#13
 1,4-Dichlorobenzene
 Concen: 40.45 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
111	46.4	32.2	48.2

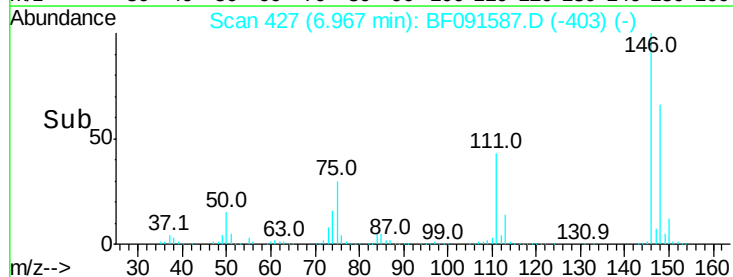
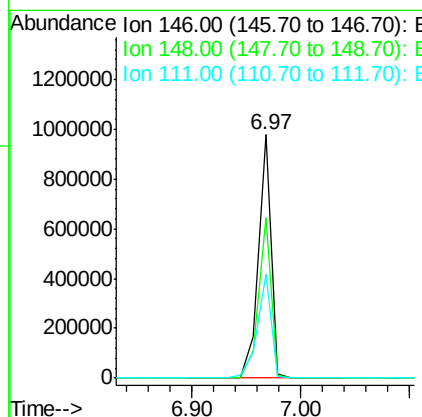
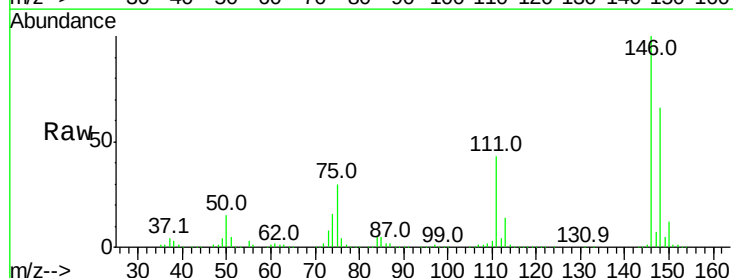
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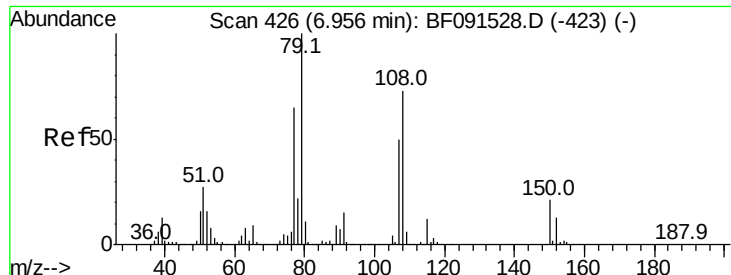
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#14
 1,2-Dichlorobenzene
 Concen: 44.72 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.02 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.0	76.6
111	43.0	38.9	58.3





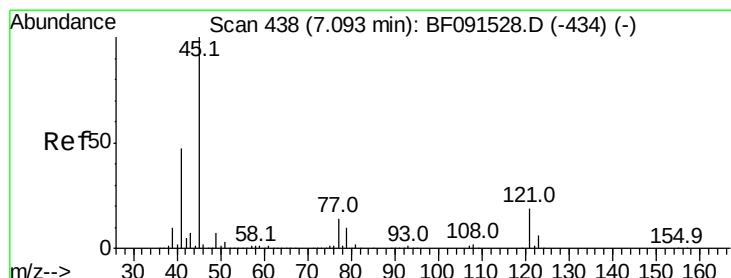
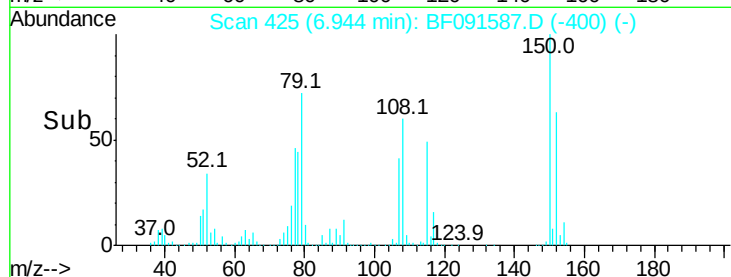
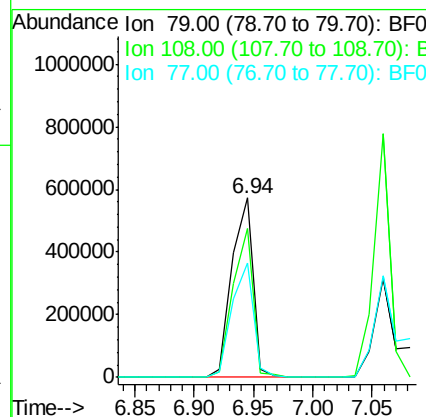
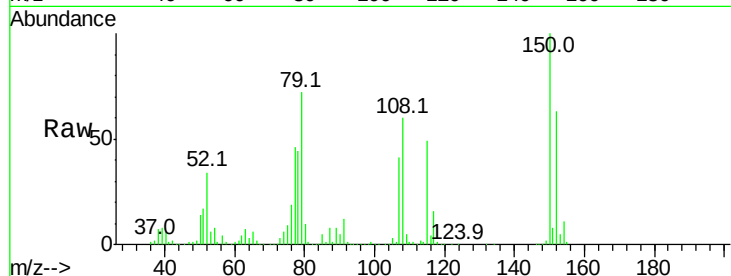
#15
Benzyl Alcohol
Concen: 43.92 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.9	62.7	94.1
77	63.8	51.7	77.5

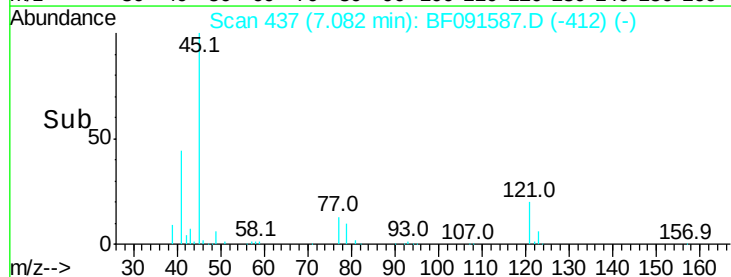
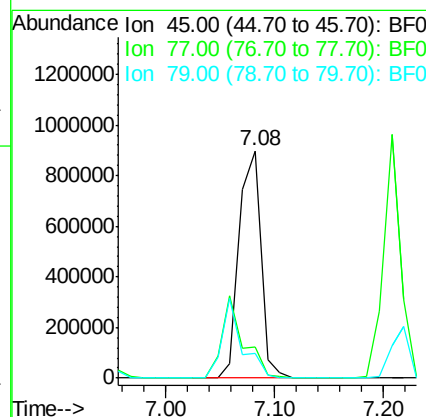
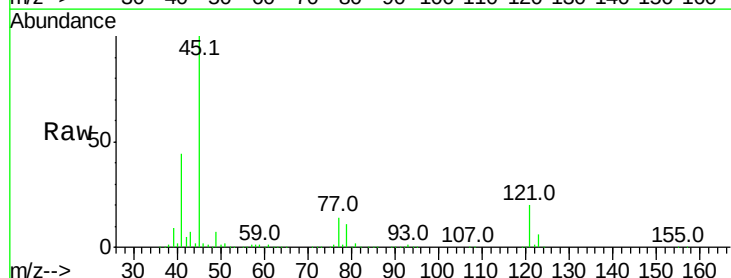
Manual Integrations
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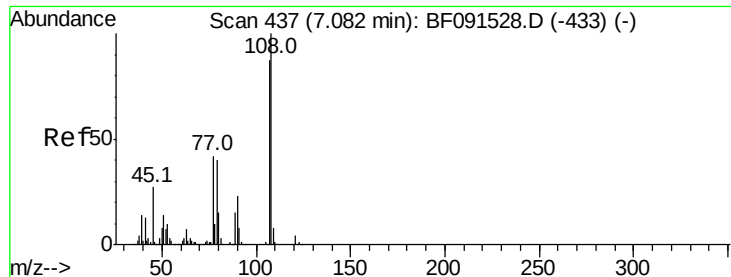
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.14 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	3.8	43.8
79	10.7	0.2	40.2





#17

2-Methylphenol

Concen: 50.64 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Instrument :

BNA_F

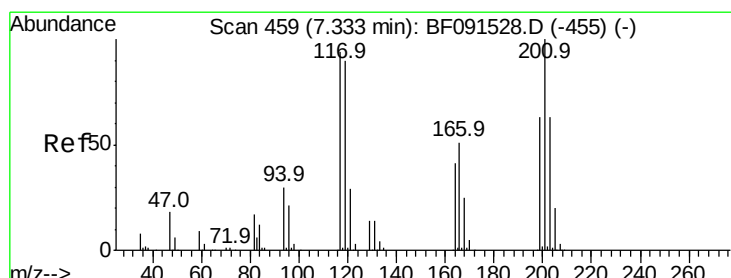
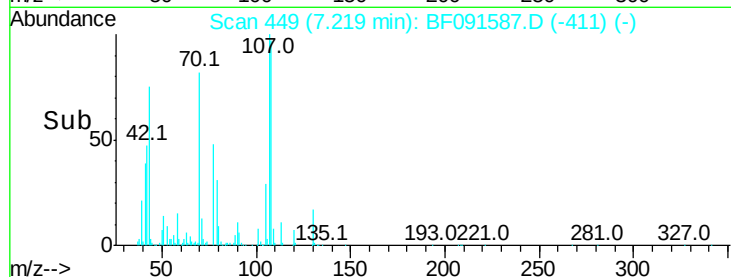
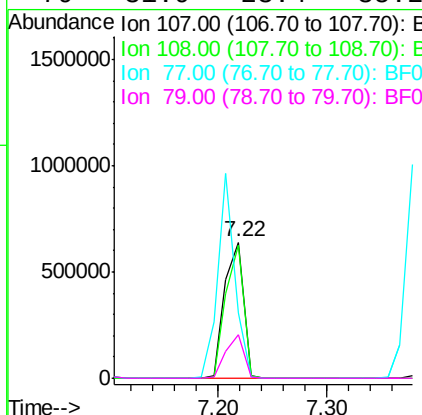
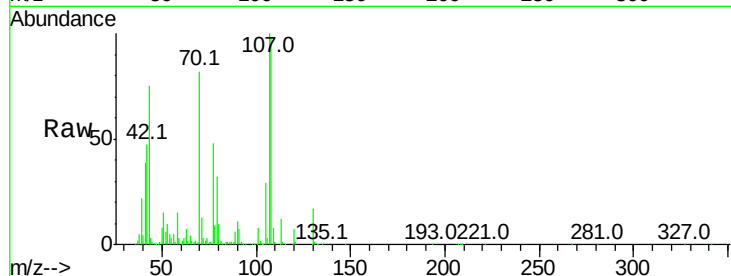
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	97.5	67.7	101.5
77	48.4	40.7	61.1
79	31.9	23.4	35.2

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#18

Hexachloroethane

Concen: 41.35 ng

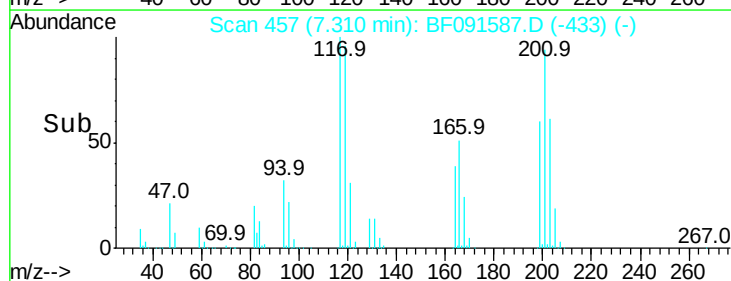
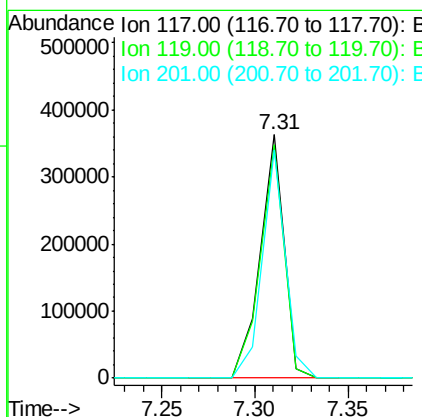
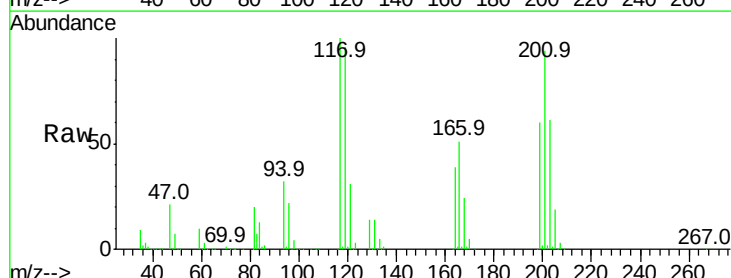
RT: 7.31 min Scan# 457

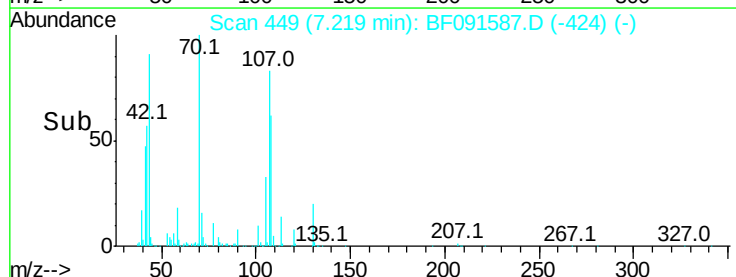
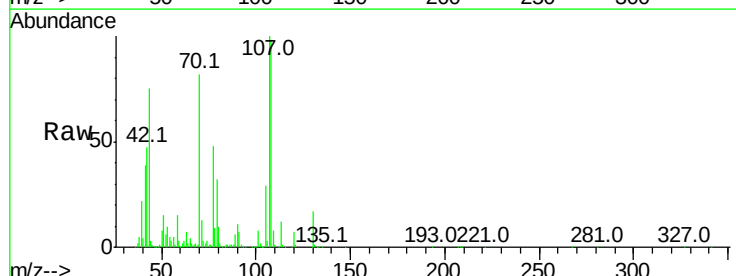
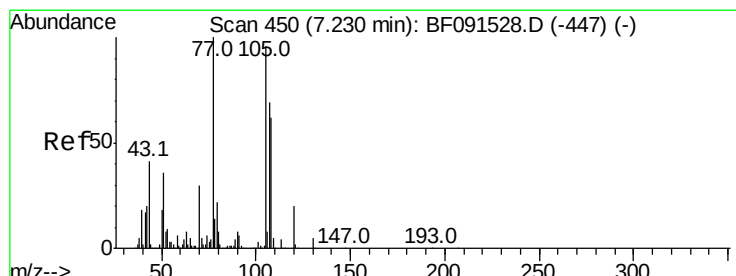
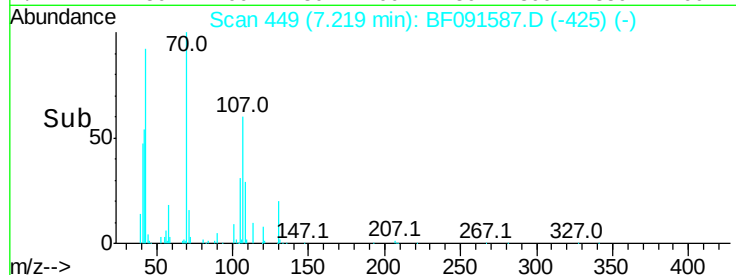
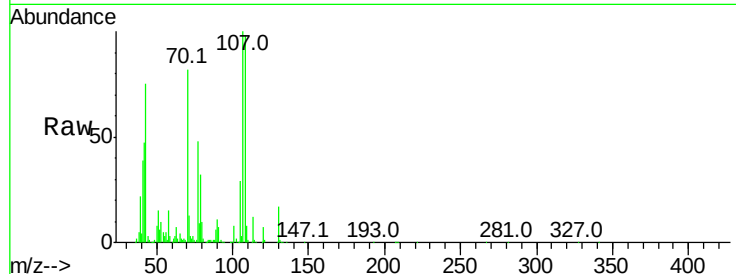
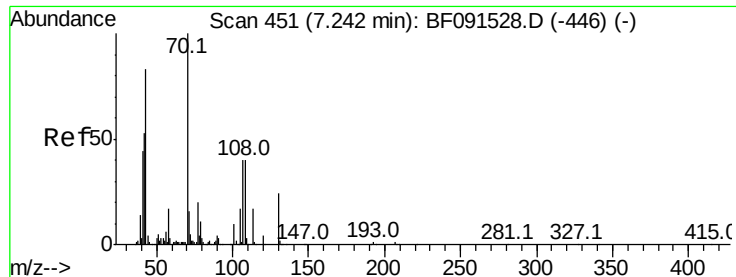
Delta R.T. -0.02 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.6	118.0
201	93.5	86.7	130.1





#19

n-Nitroso-di-n-propylamine

Concen: 45.66 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Instrument :

BNA_F

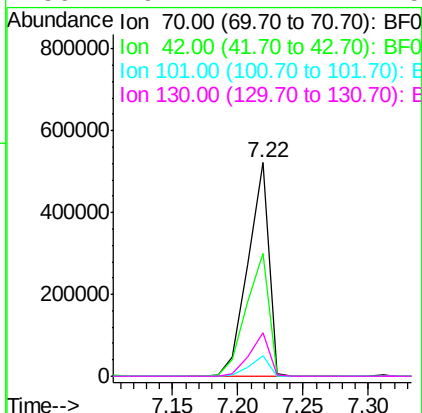
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.7	64.8	97.2#
101	9.6	6.2	9.4#
130	20.4	11.7	17.5#

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#20

3+4-Methylphenols

Concen: 47.05 ng

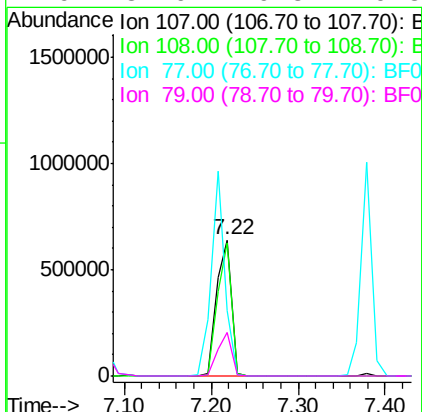
RT: 7.22 min Scan# 449

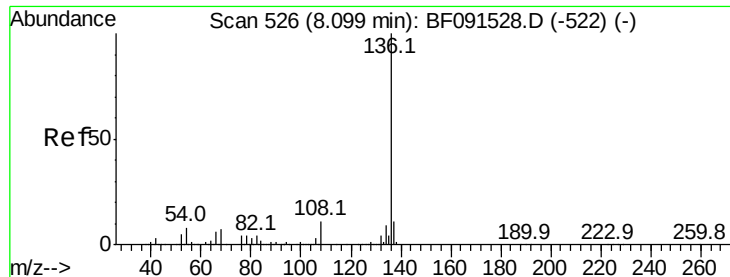
Delta R.T. -0.01 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.5	64.6	104.6
77	48.4	30.9	70.9
79	31.9	9.3	49.3





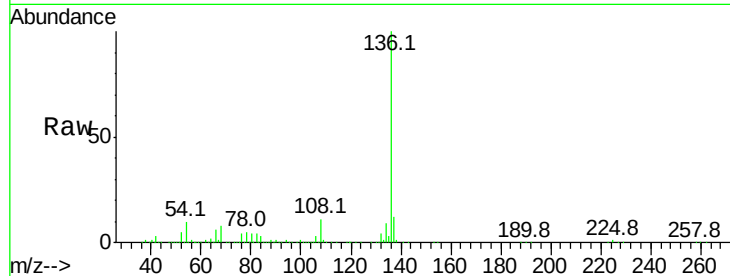
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

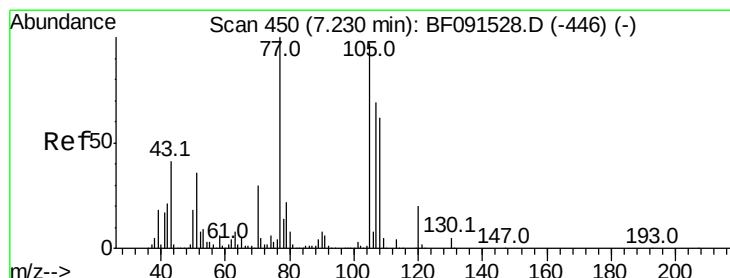
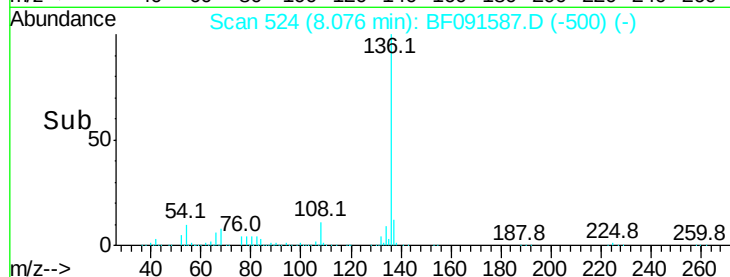
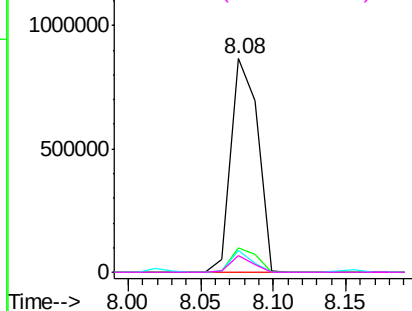
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.0	9.1	13.7
68	8.0	5.9	8.9

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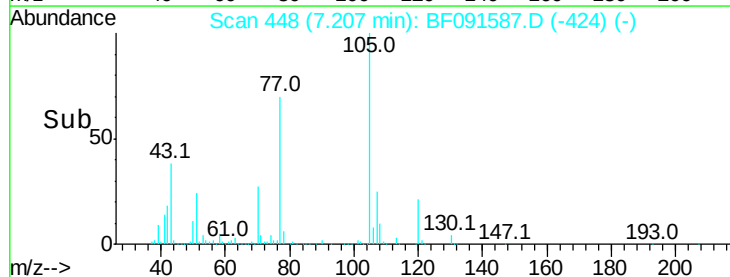
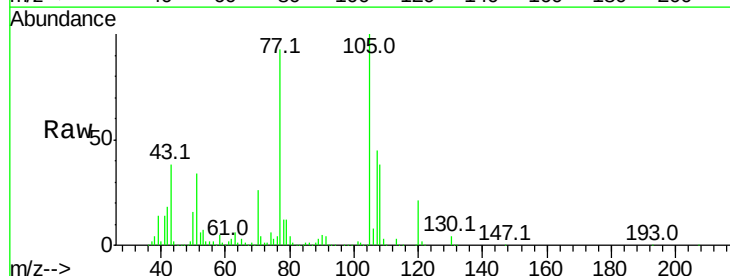
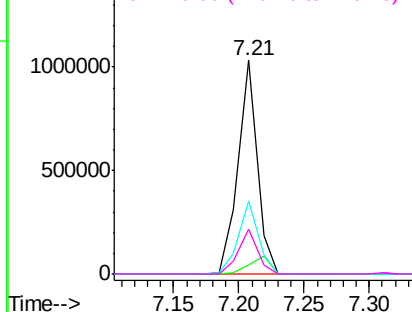
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

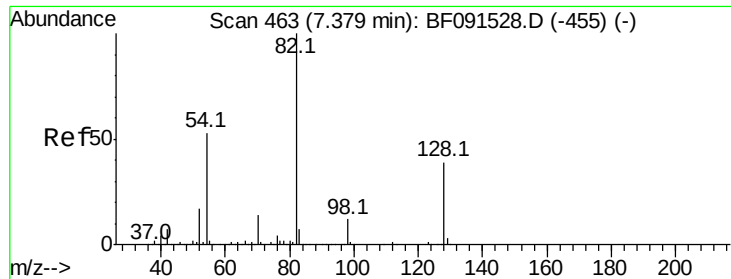


#22
Acetophenone
Concen: 39.67 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.3	7.9	11.9#
51	34.4	24.5	36.7
120	21.1	16.6	24.8

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





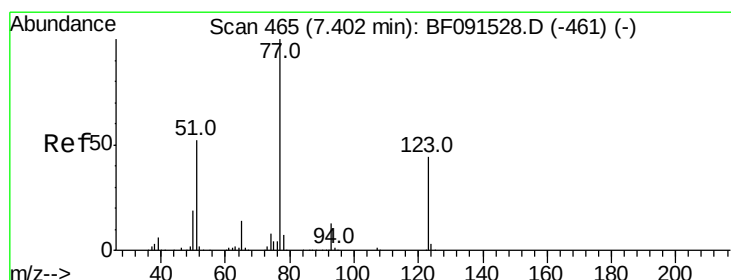
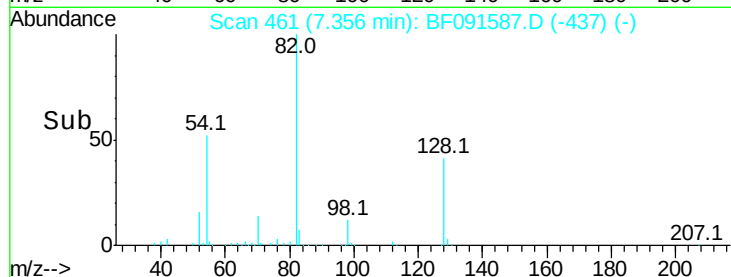
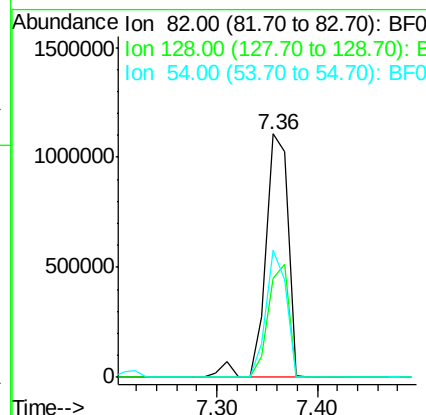
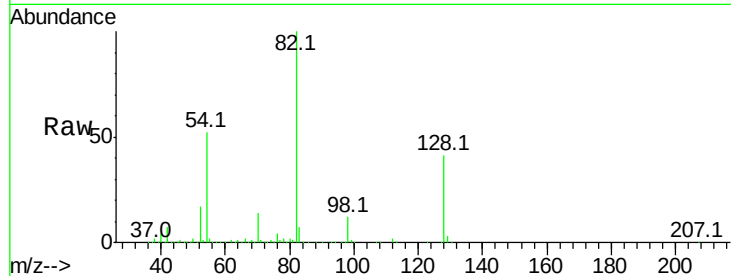
#23
Nitrobenzene-d5
Concen: 86.81 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.8	47.6
54	52.1	49.1	73.7

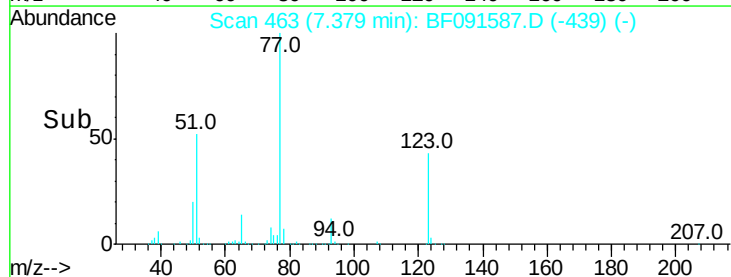
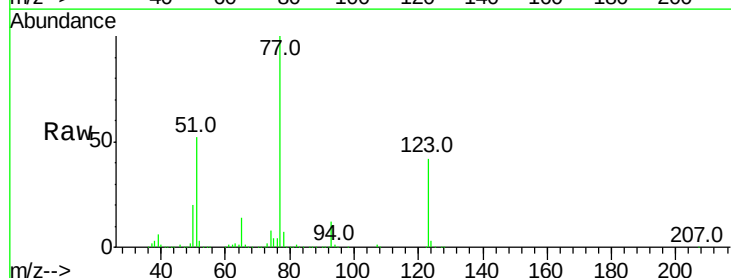
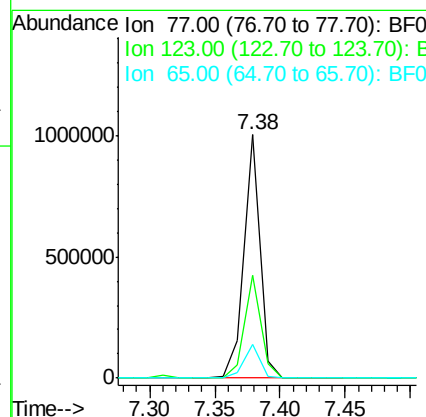
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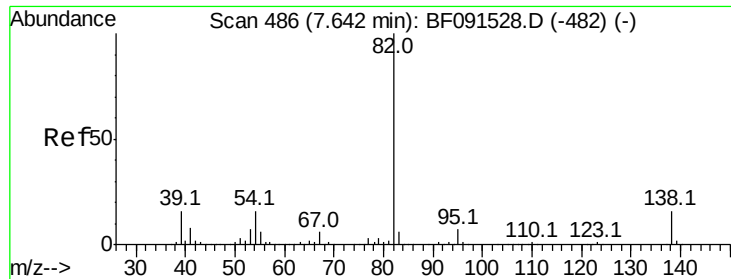
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#24
Nitrobenzene
Concen: 40.48 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	28.5	42.7
65	13.7	12.5	18.7





#25

Isophorone

Concen: 42.15 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1493134

Ion Ratio Lower Upper

82 100

95 6.7 5.7 8.5

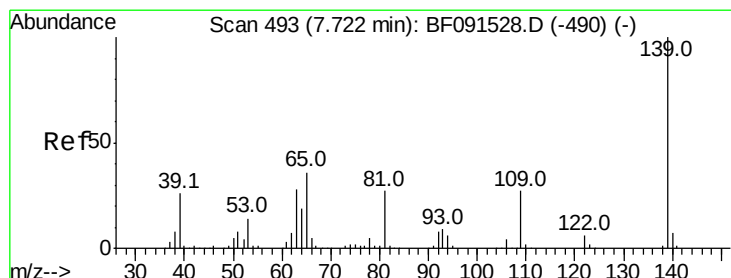
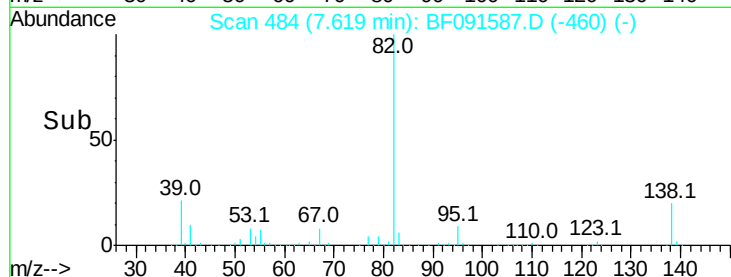
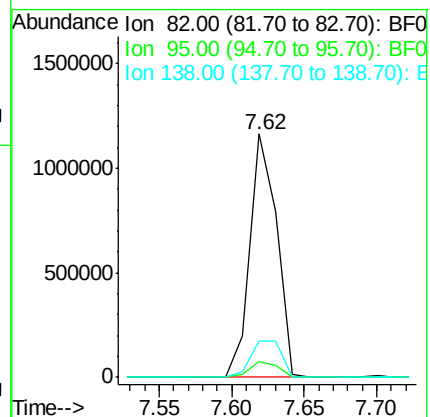
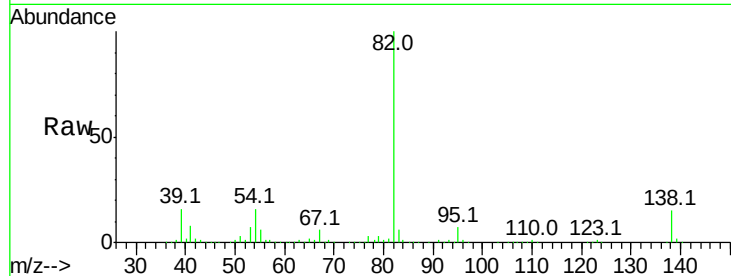
138 15.1 13.4 20.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 48.78 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

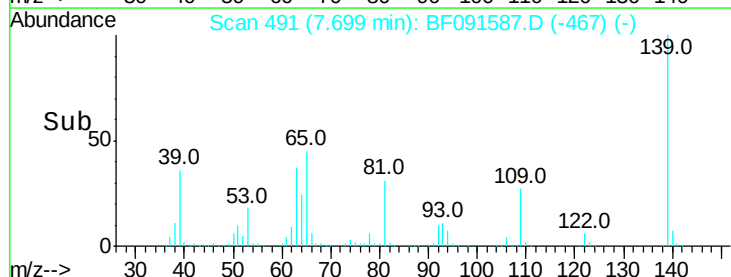
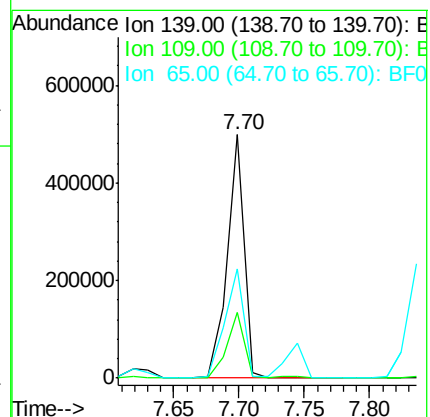
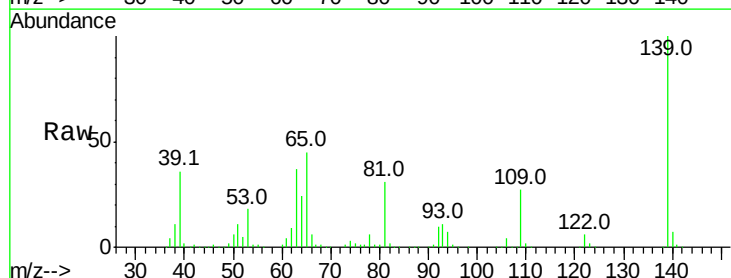
Tgt Ion: 139 Resp: 453298

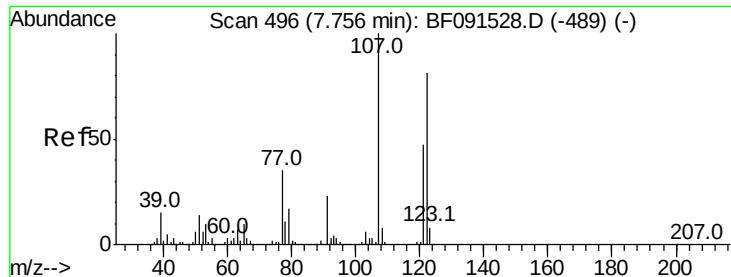
Ion Ratio Lower Upper

139 100

109 27.1 25.3 37.9

65 45.1 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 45.75 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Instrument :

BNA_F

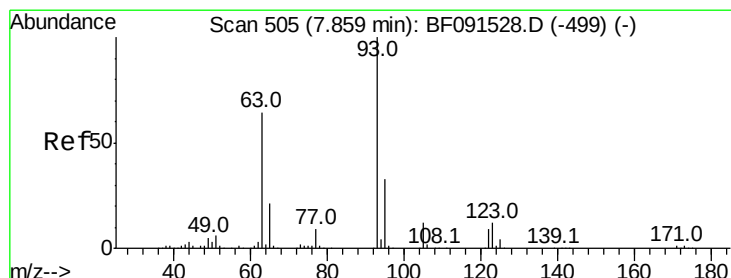
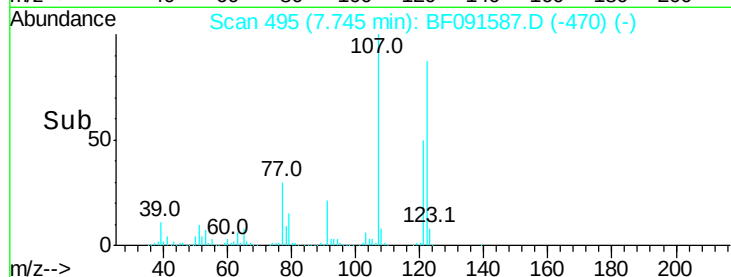
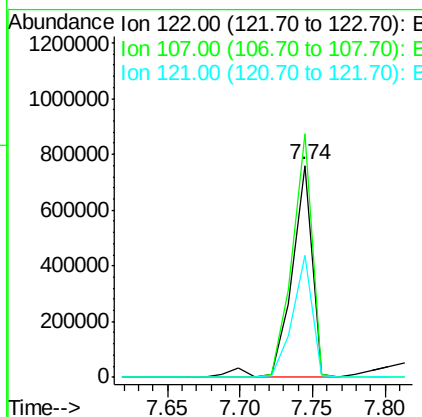
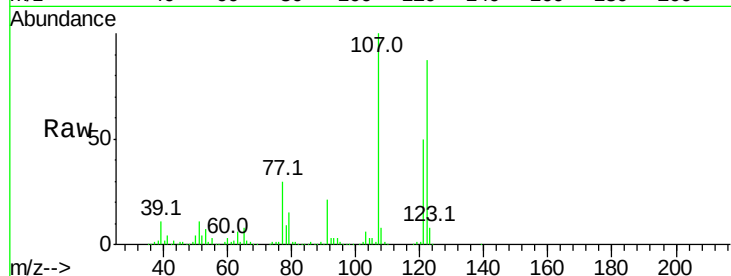
ClientSampled :

SSTDCCC040

Tot Ion:	122	Resp:	746671
Ion	Ratio	Lower	Upper
122	100		
107	115.0	96.8	145.2
121	57.9	47.7	71.5

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#28

bis(2-Chloroethoxy)methane

Concen: 43.87 ng

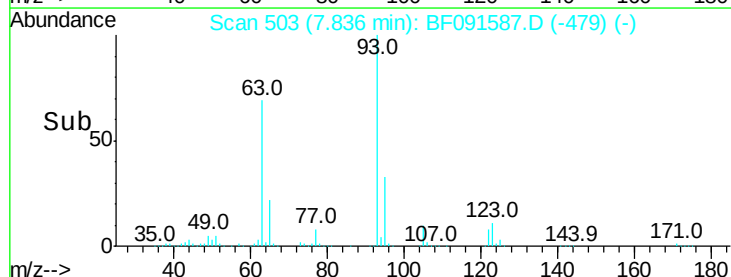
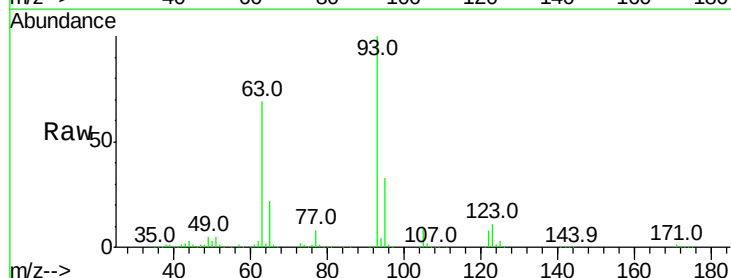
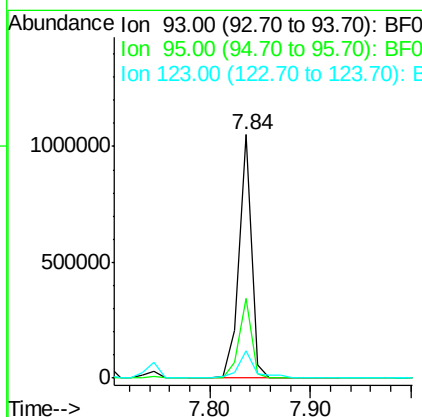
RT: 7.84 min Scan# 503

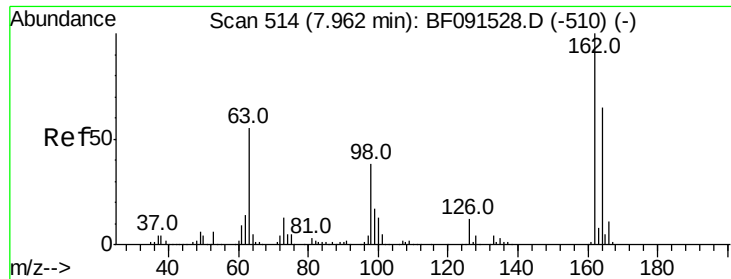
Delta R.T. -0.02 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Tgt Ion:	93	Resp:	911442
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.0	39.0
123	11.1	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 40.40 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Instrument :

BNA_F

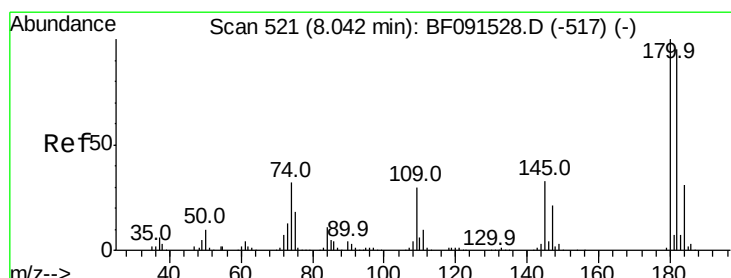
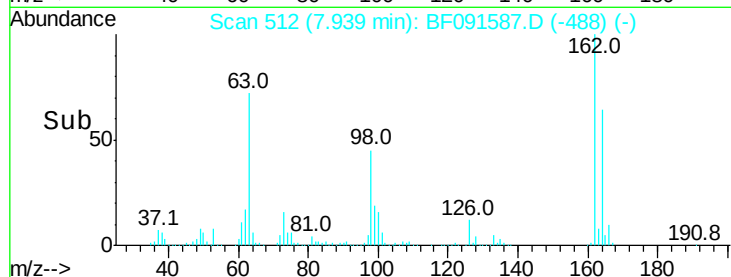
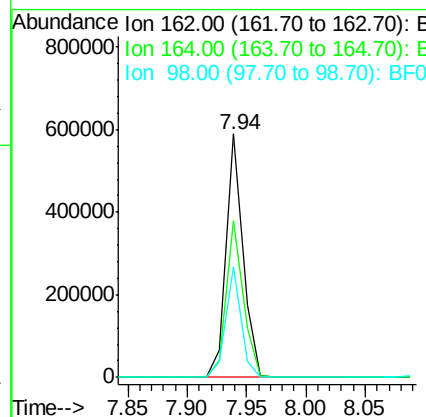
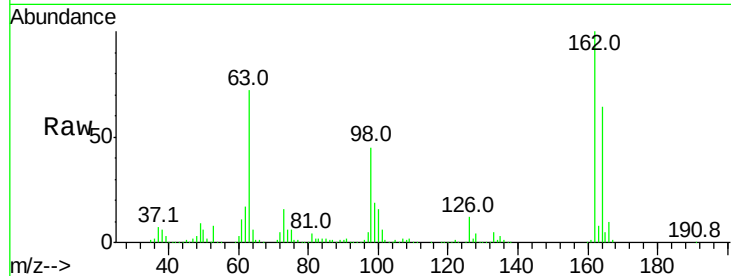
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	573697
Ion Ratio	Lower	Upper	
162	100		
164	64.2	45.0	85.0
98	45.5	21.3	61.3

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 40.35 ng

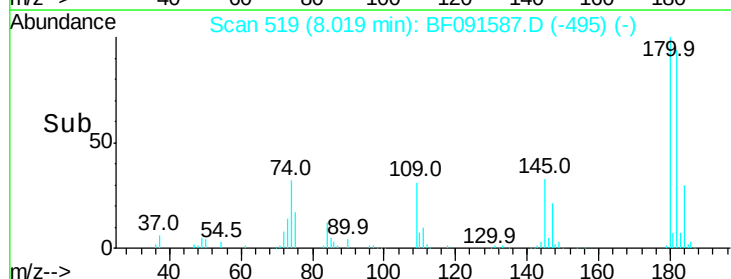
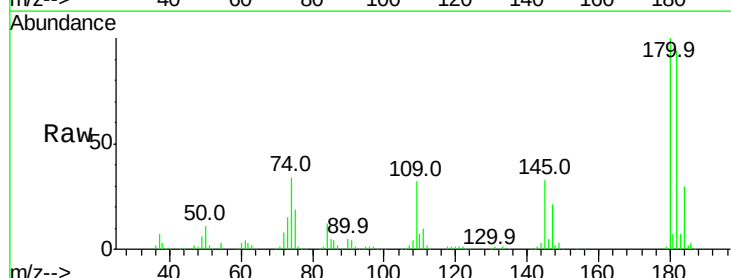
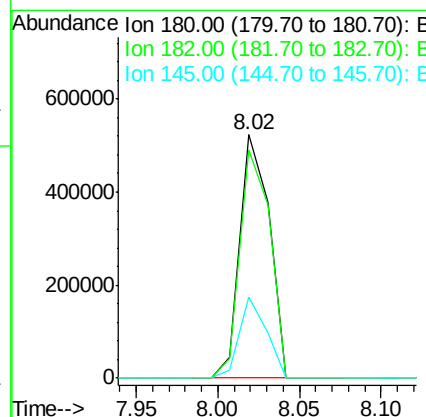
RT: 8.02 min Scan# 519

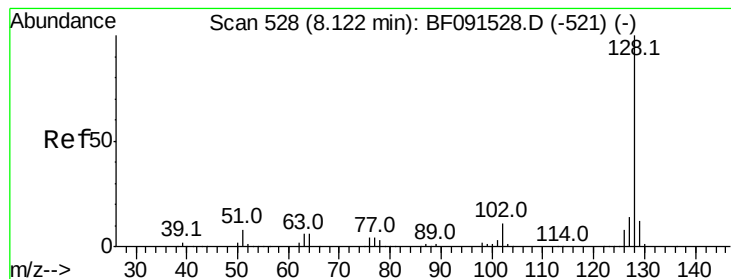
Delta R.T. -0.02 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Tgt Ion:	180	Resp:	651266
Ion Ratio	Lower	Upper	
180	100		
182	94.0	75.8	113.8
145	33.1	27.0	40.4





#31

Naphthalene

Concen: 40.38 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.02 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2089478

Ion Ratio Lower Upper

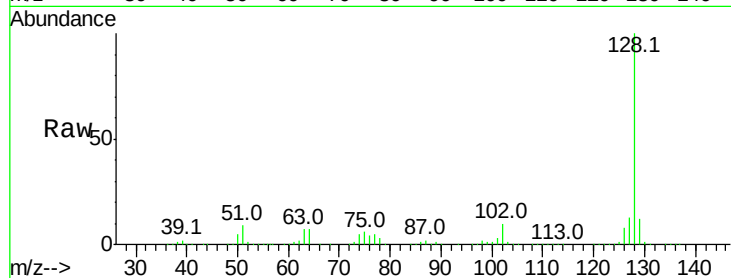
128 100

129 12.0 9.1 13.7

127 13.3 11.0 16.4

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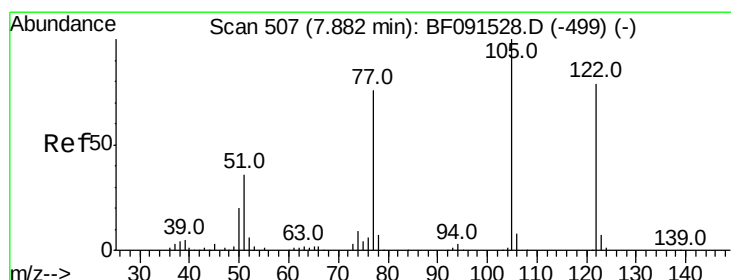
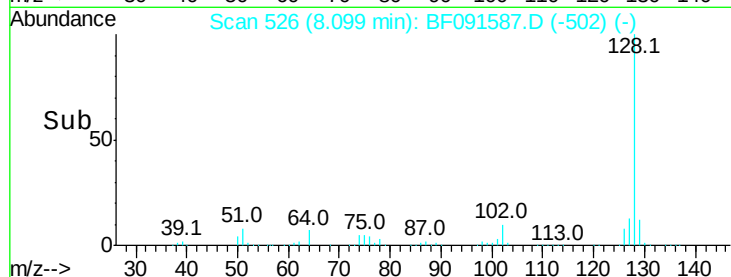
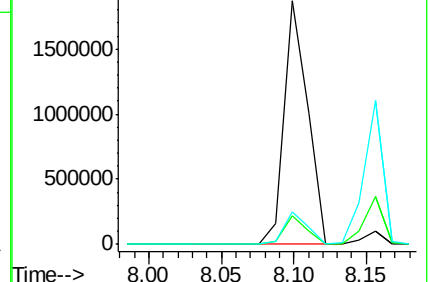
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.55 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

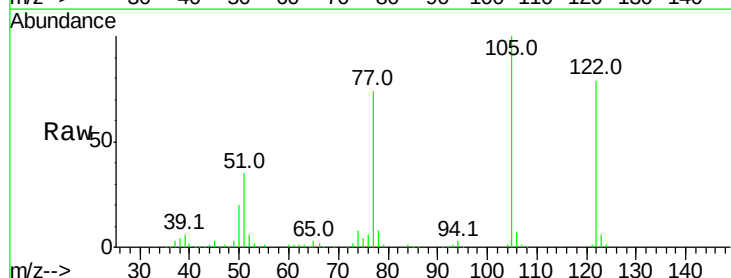
Tgt Ion:122 Resp: 543257

Ion Ratio Lower Upper

122 100

105 127.4 113.0 153.0

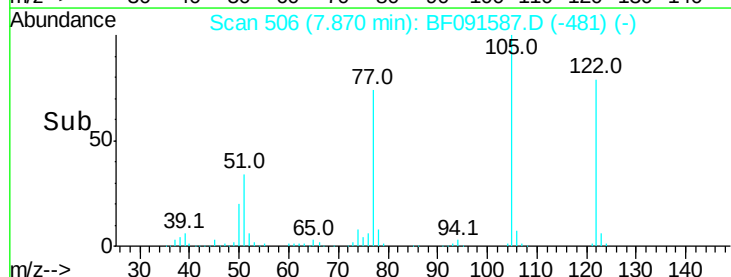
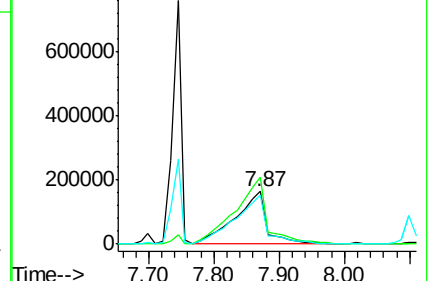
77 94.6 82.0 122.0

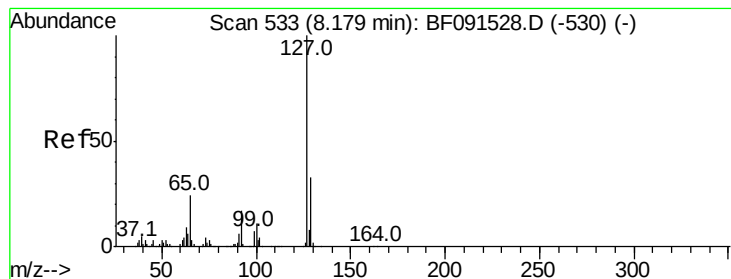


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





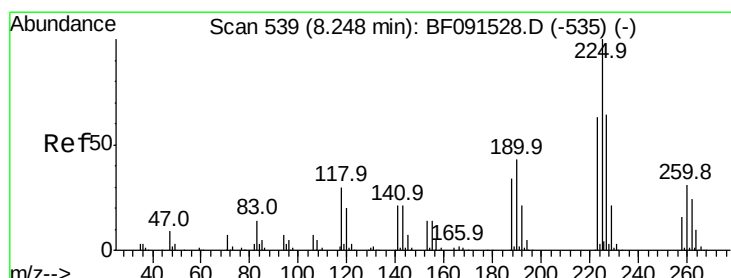
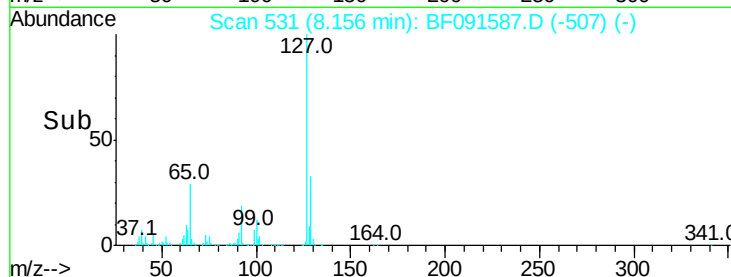
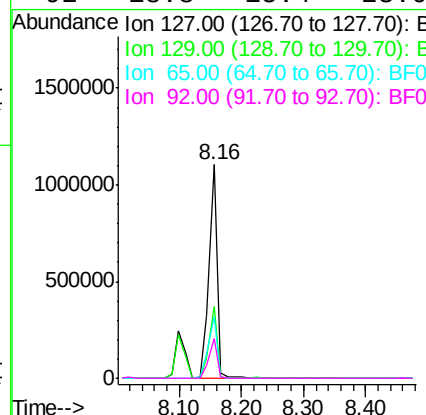
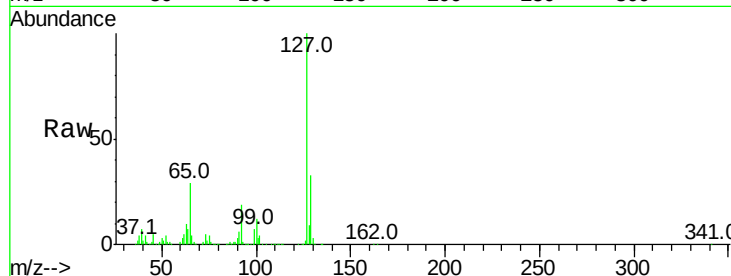
#33
4-Chloroaniline
Concen: 45.81 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.4
65	29.0	26.6	39.8
92	18.8	15.4	23.0

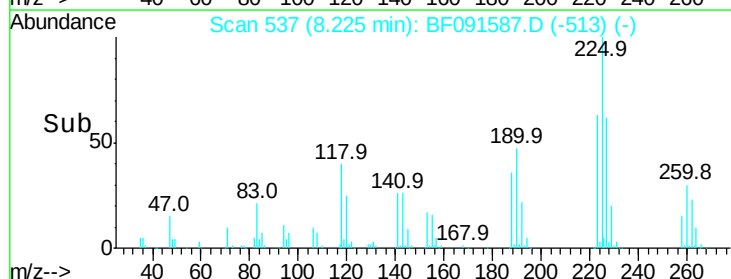
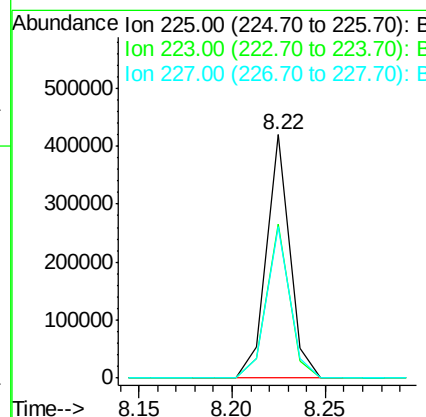
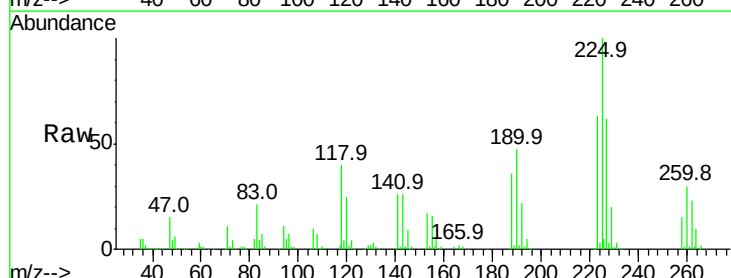
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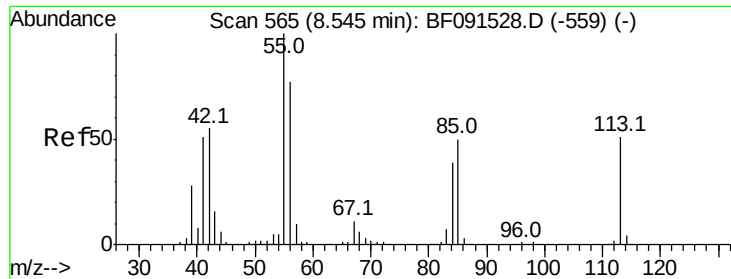
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#34
Hexachlorobutadiene
Concen: 38.97 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.6
227	62.4	52.6	79.0





#35

Caprolactam

Concen: 51.29 ng

RT: 8.53 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 212682

Ion Ratio Lower Upper

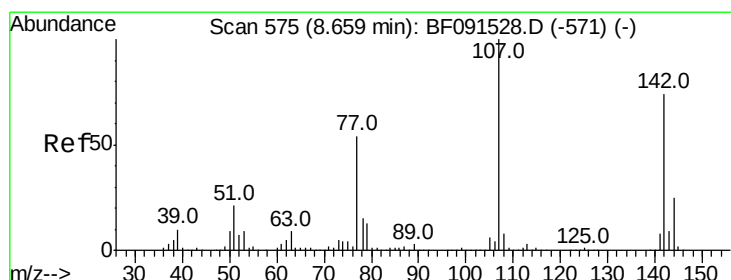
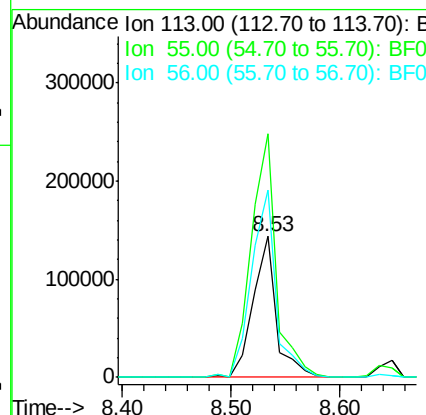
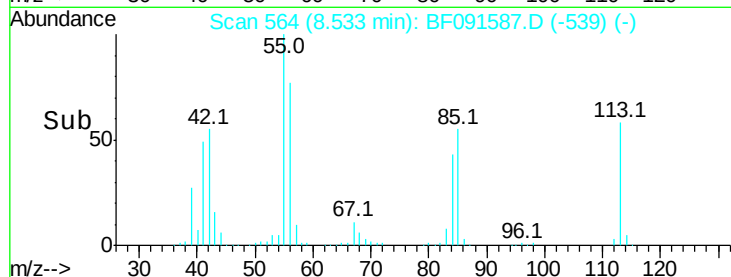
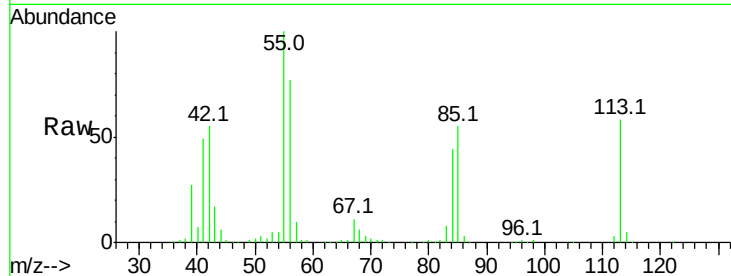
113 100

55 172.7 239.8 279.8#

56 132.4 165.6 205.6#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 44.36 ng

RT: 8.65 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

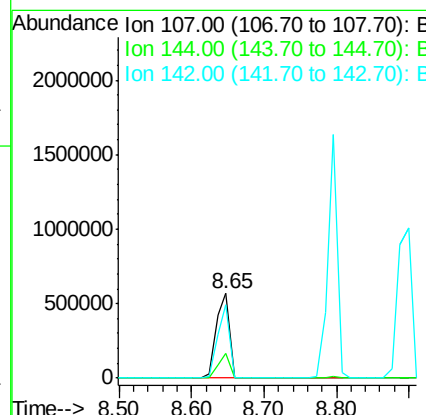
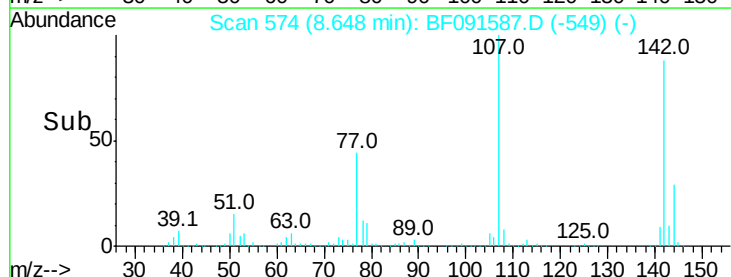
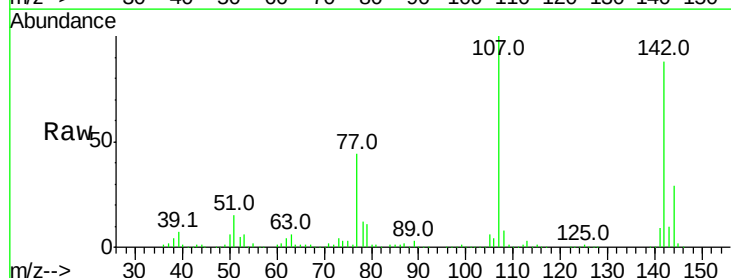
Tgt Ion:107 Resp: 706508

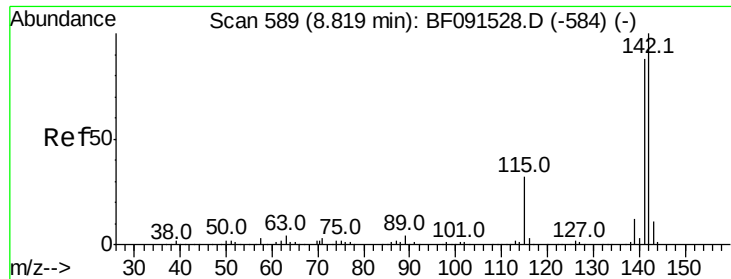
Ion Ratio Lower Upper

107 100

144 29.5 18.9 28.3#

142 87.8 58.5 87.7#





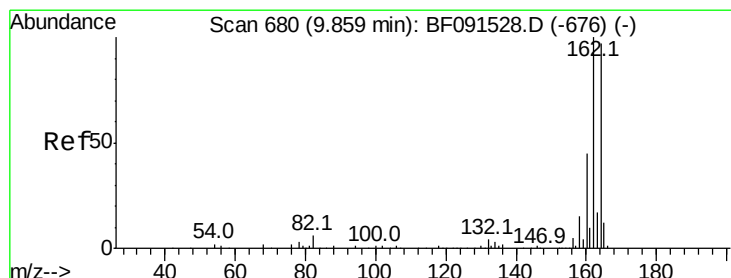
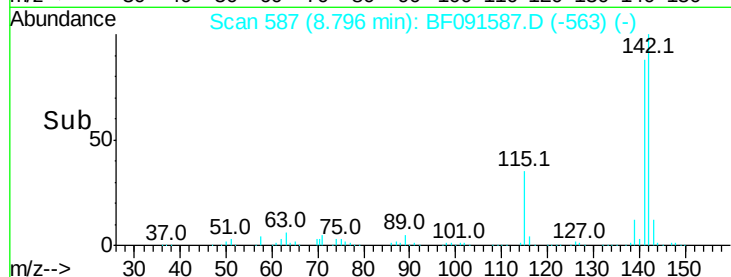
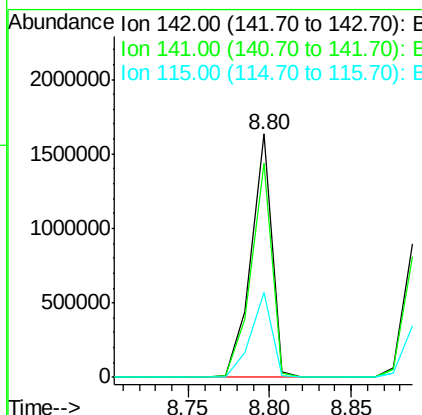
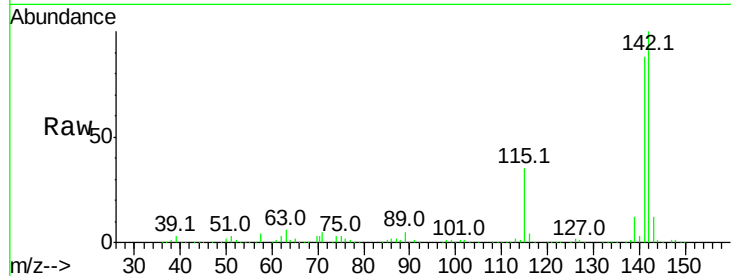
#37
2-Methylnaphthalene
Concen: 43.53 ng
RT: 8.80 min Scan# 587
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1457943
Ion Ratio Lower Upper
142 100
141 88.2 71.7 107.5
115 34.8 25.0 37.6

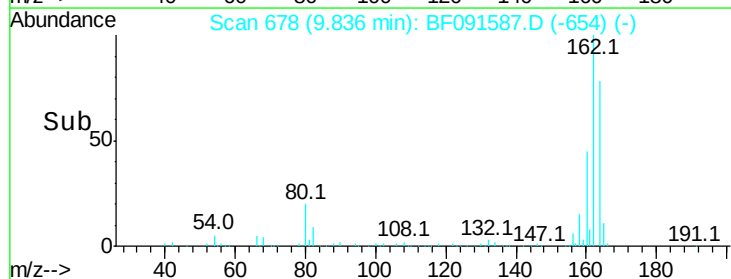
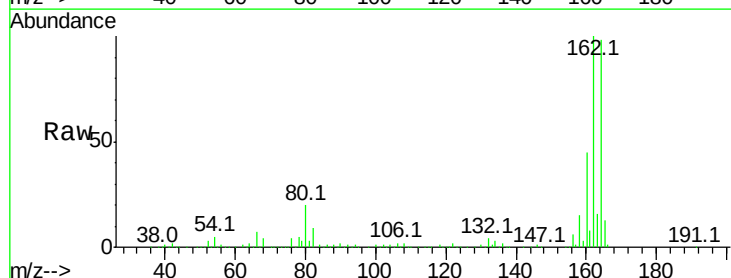
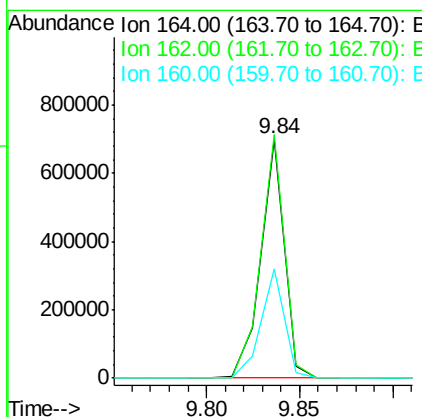
Manual Integrations
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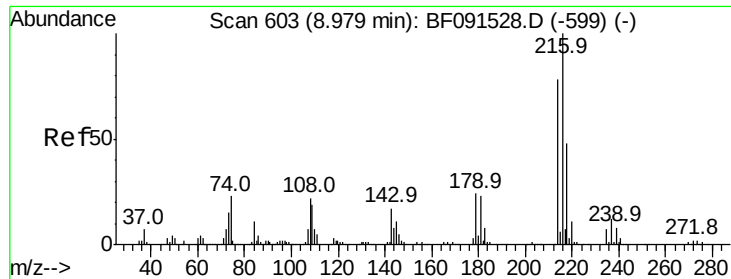
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tgt Ion:164 Resp: 608502
Ion Ratio Lower Upper
164 100
162 101.9 82.6 124.0
160 45.7 36.7 55.1





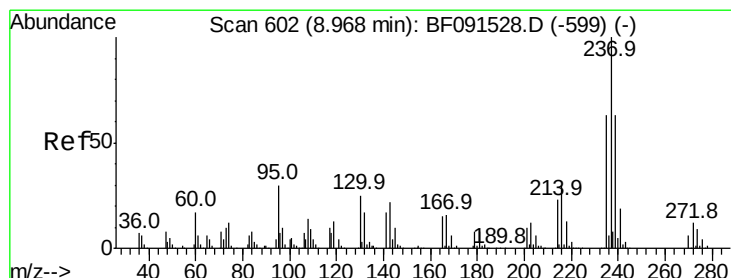
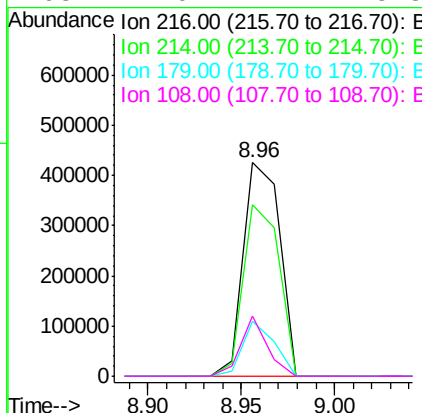
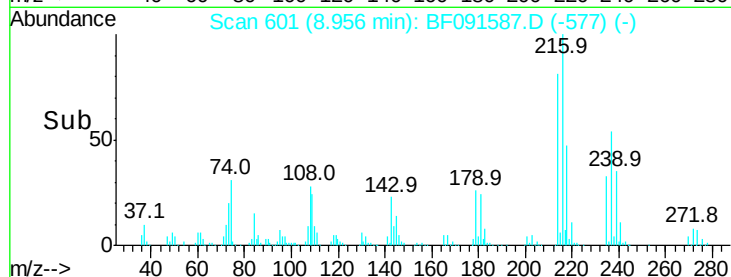
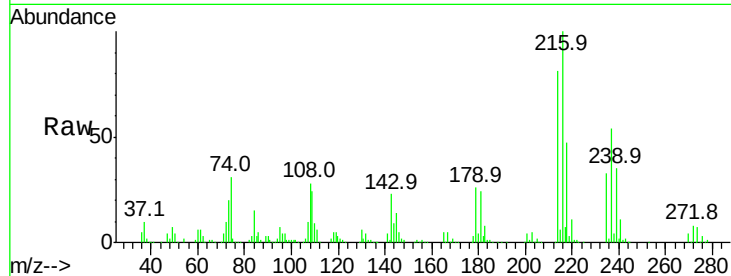
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.51 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	575953		
214	79.2	63.8	95.8	
179	22.5	18.2	27.2	
108	21.0	17.2	25.8	

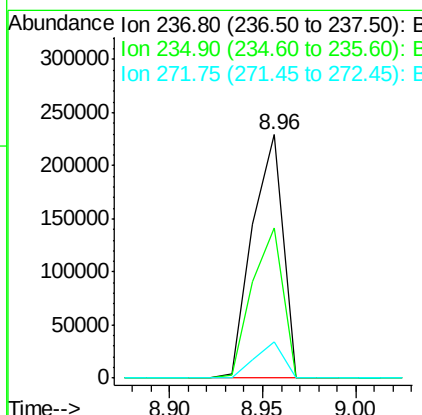
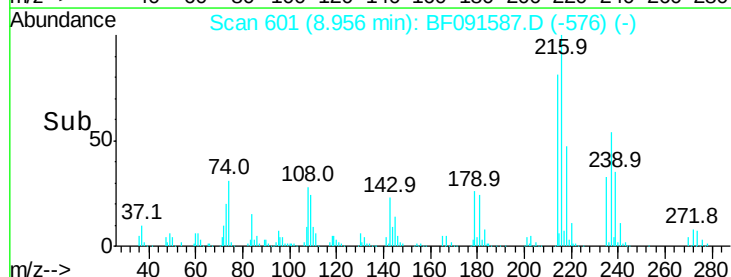
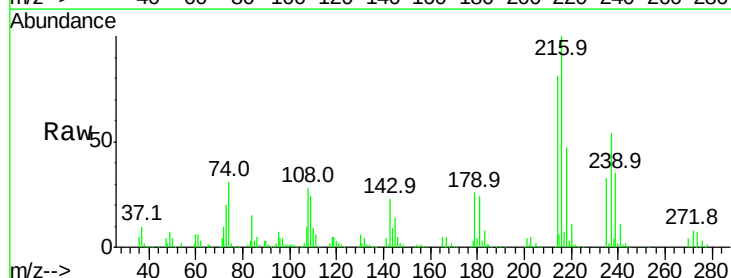
Manual Integrations
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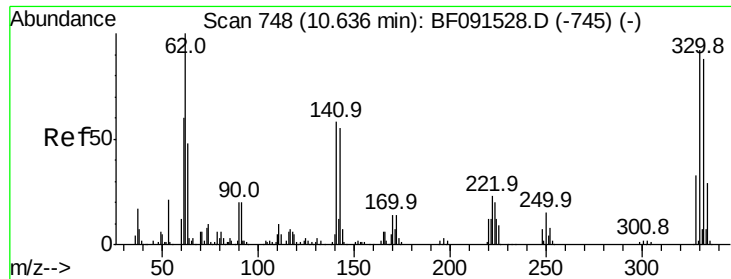
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#40
 Hexachlorocyclopentadiene
 Concen: 34.97 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	260231		
235	61.7	43.9	83.9	
272	14.9	0.0	33.1	





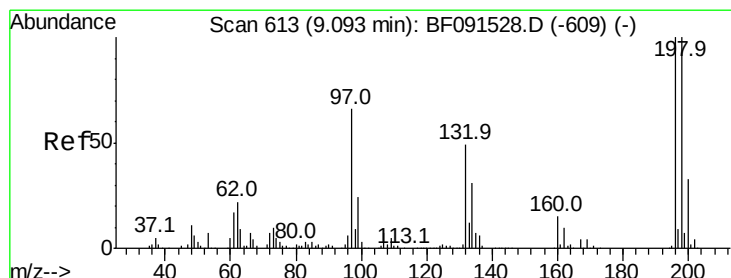
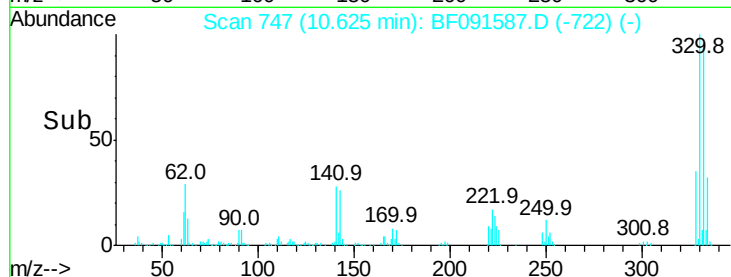
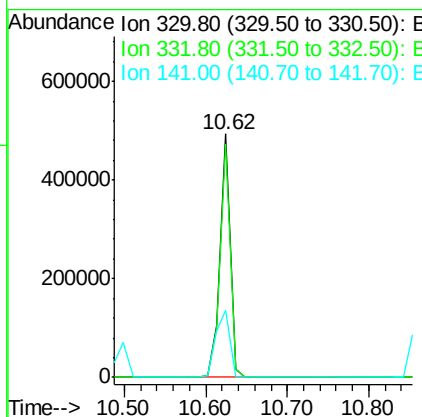
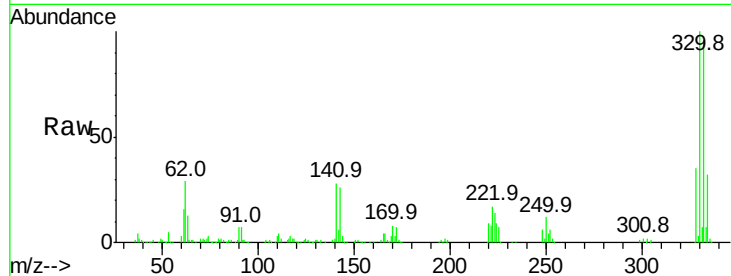
#41
 2,4,6-Tribromophenol
 Concen: 84.67 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	427935		
332	96.1	76.2	114.4	
141	38.0	33.6	50.4	

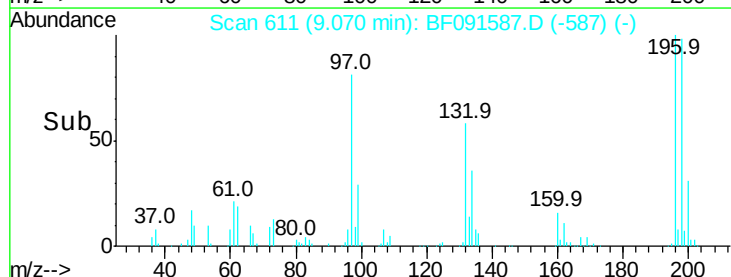
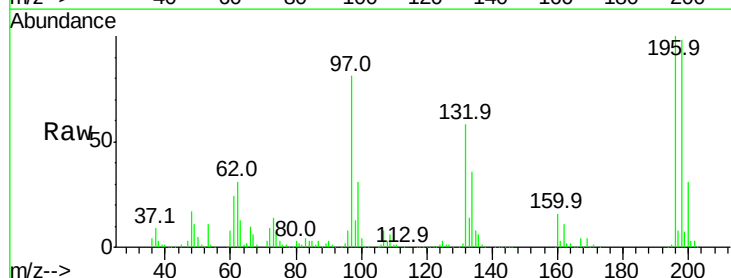
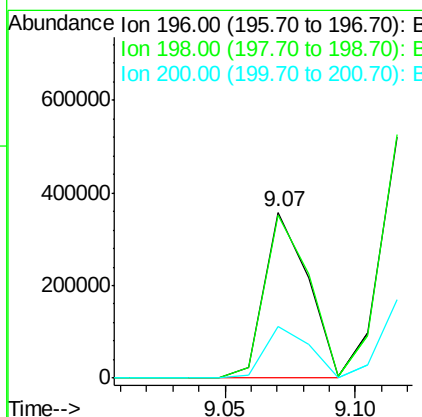
Manual Integrations
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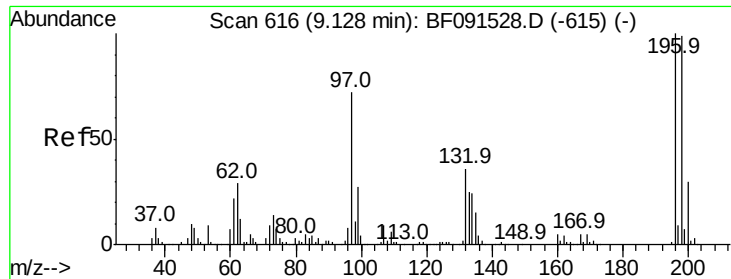
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#42
 2,4,6-Trichlorophenol
 Concen: 38.56 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	413494		
198	98.1	77.4	116.0	
200	30.9	25.2	37.8	





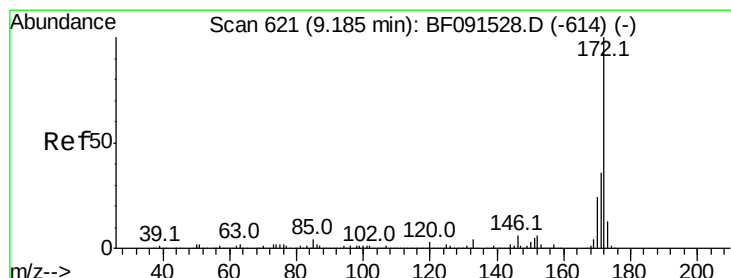
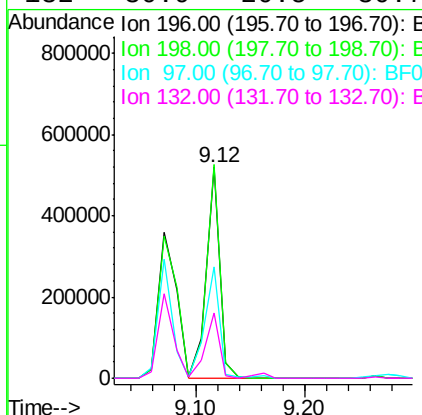
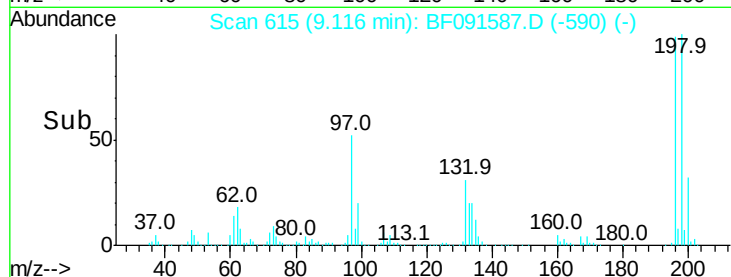
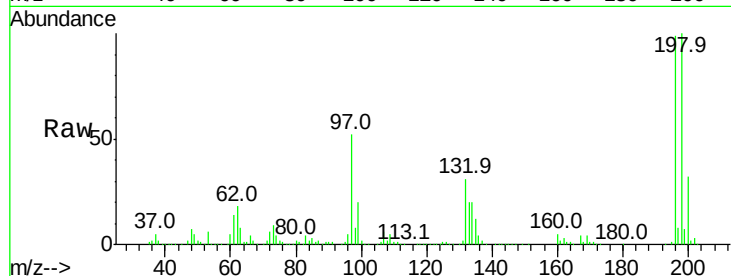
#43
 2,4,5-Trichlorophenol
 Concen: 41.21 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	454166		
198	101.3	77.0	115.6	
97	53.0	33.5	50.3	#
132	30.9	20.5	30.7	#

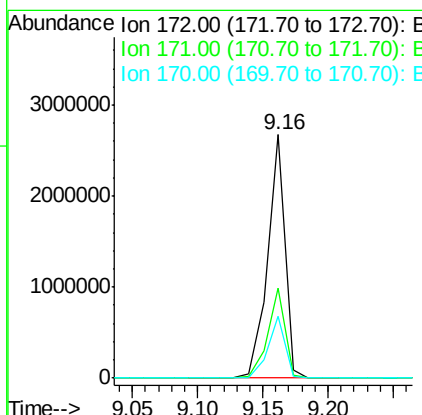
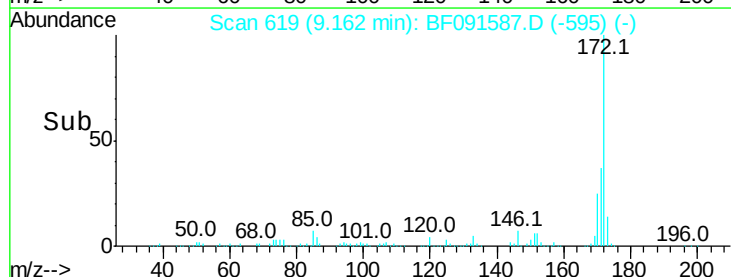
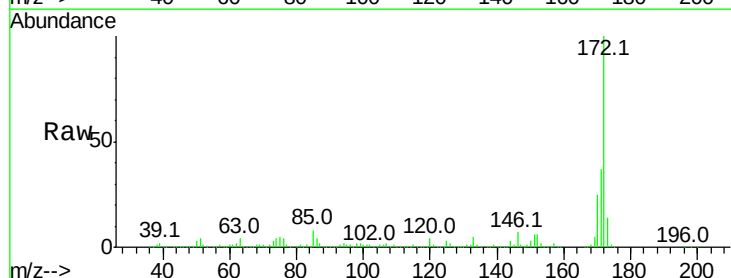
Manual Integrations
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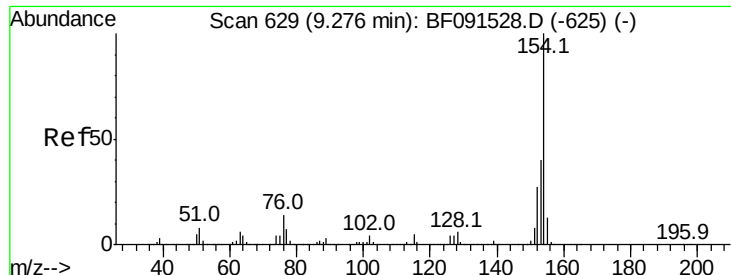
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#44
 2-Fluorobiphenyl
 Concen: 71.16 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2506173		
171	36.7	29.4	44.0	
170	25.3	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 40.02 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1763930

Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

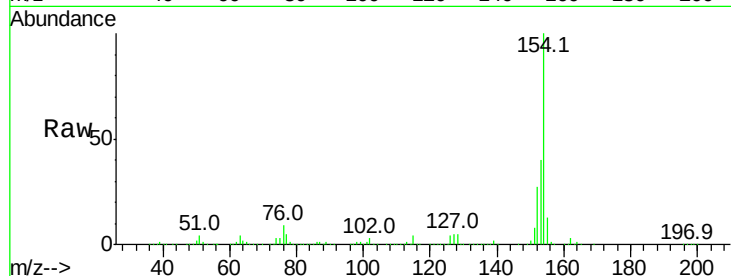
76 9.3 0.0 36.6

Manual Integrations

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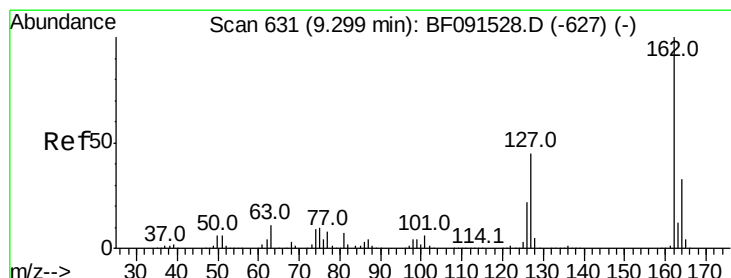
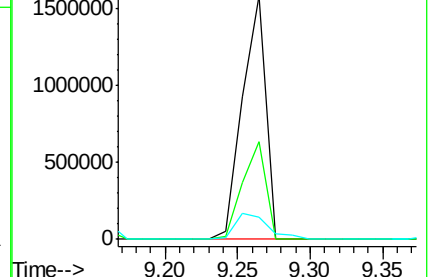
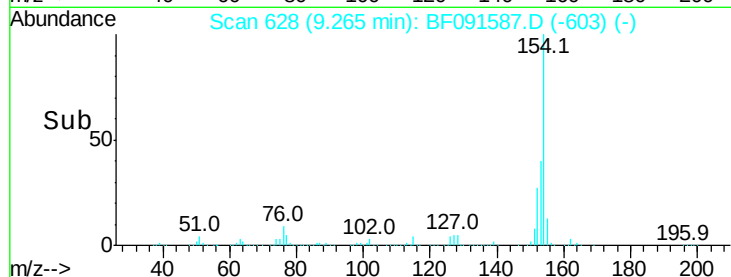
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.05 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

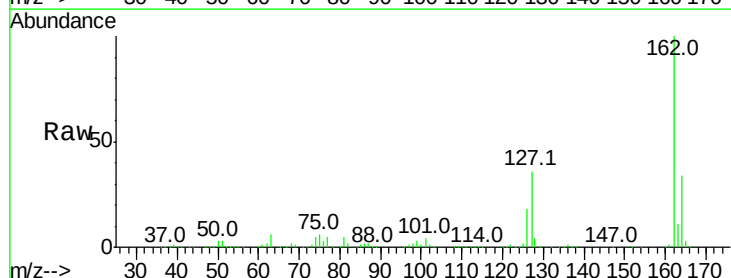
Tgt Ion:162 Resp: 1332651

Ion Ratio Lower Upper

162 100

127 36.4 34.3 51.5

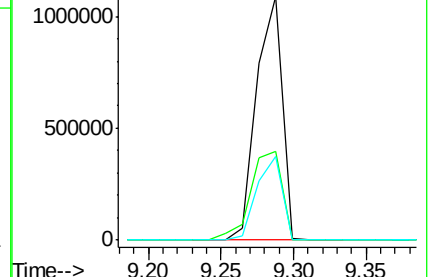
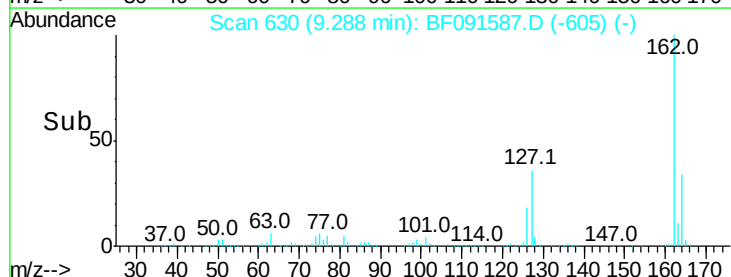
164 34.3 26.6 40.0

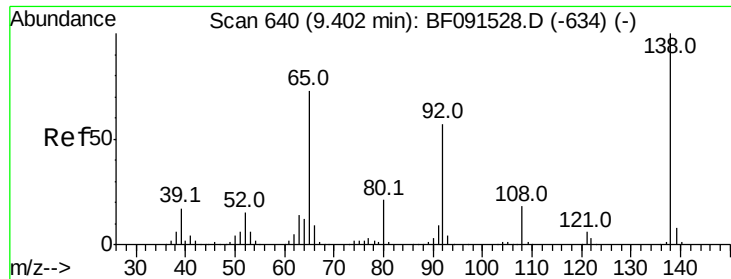


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





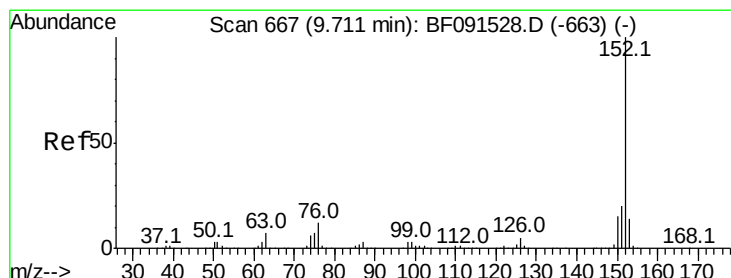
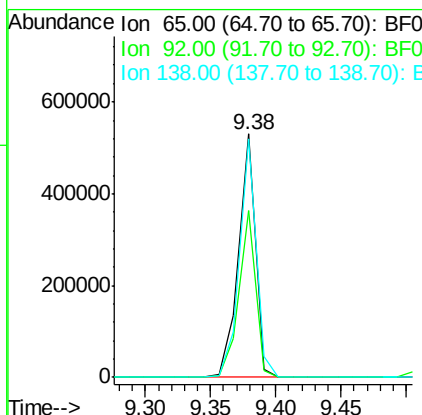
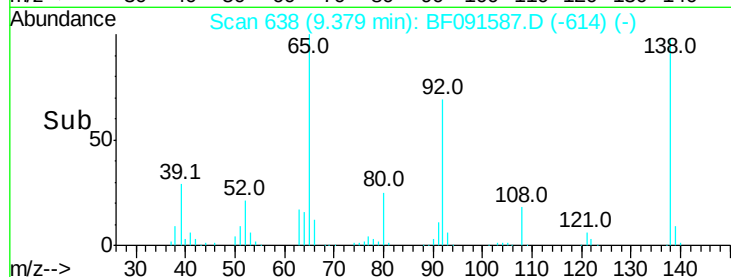
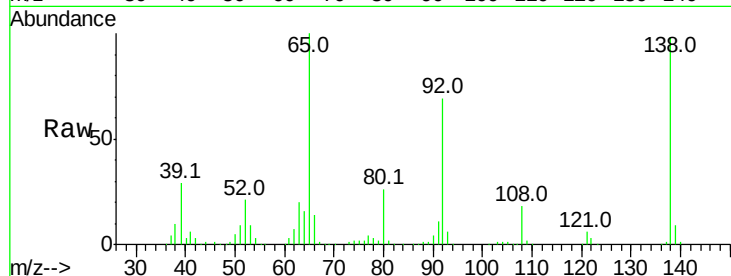
#47
 2-Nitroaniline
 Concen: 41.31 ng
 RT: 9.38 min Scan# 638
 Delta R.T. -0.02 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.7	53.6	80.4
138	98.2	91.0	136.6

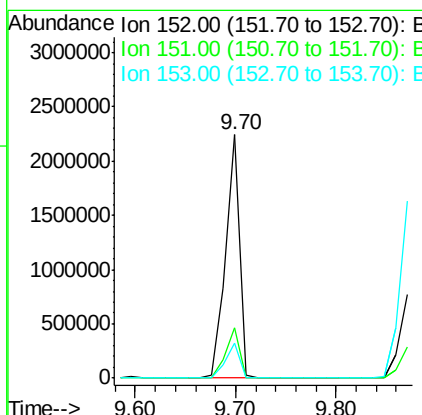
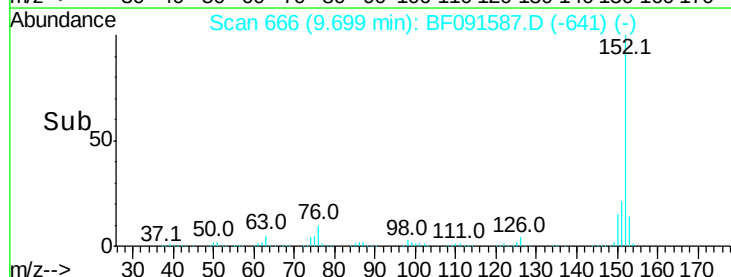
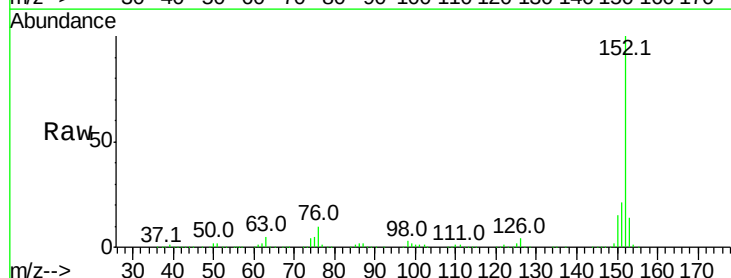
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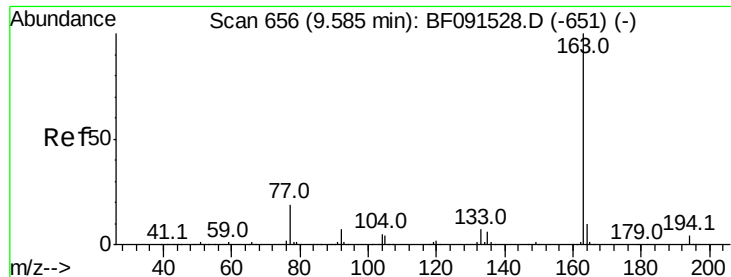
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#48
 Acenaphthylene
 Concen: 41.44 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	24.8
153	14.2	10.7	16.1





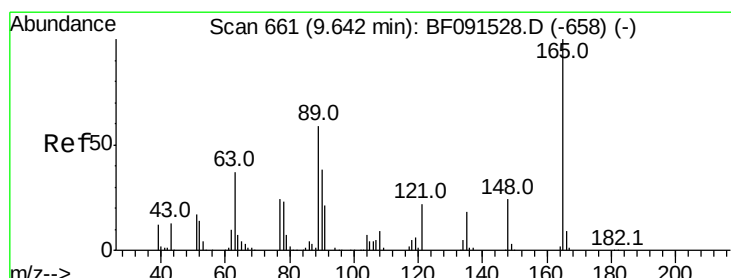
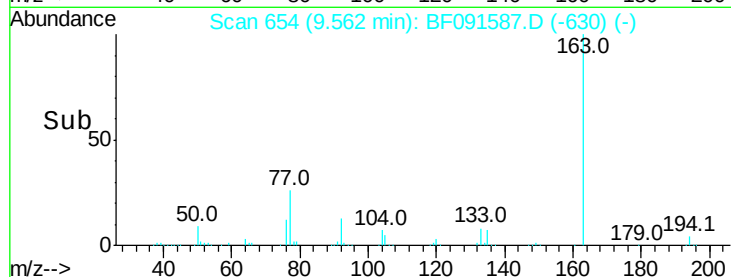
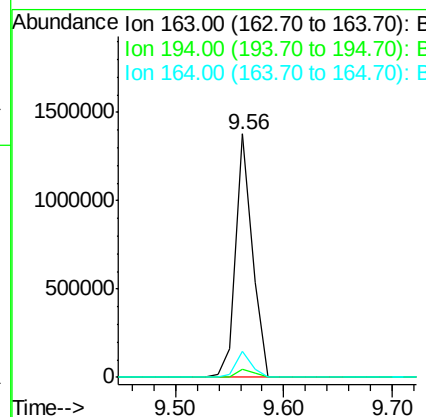
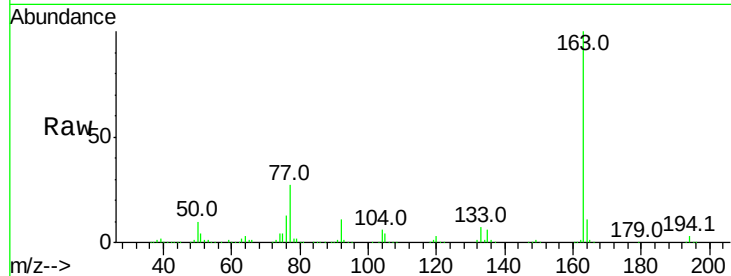
#49
Dimethylphthalate
Concen: 37.41 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1441238
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.9 7.8 11.8

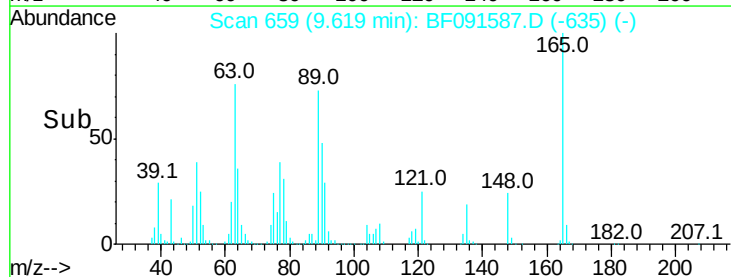
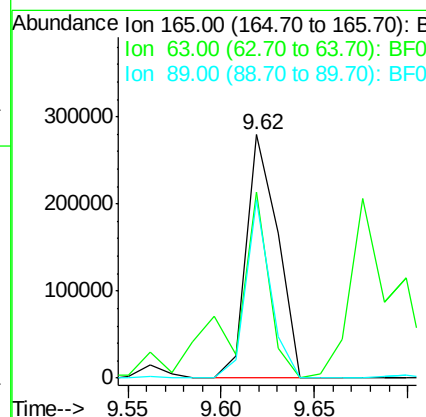
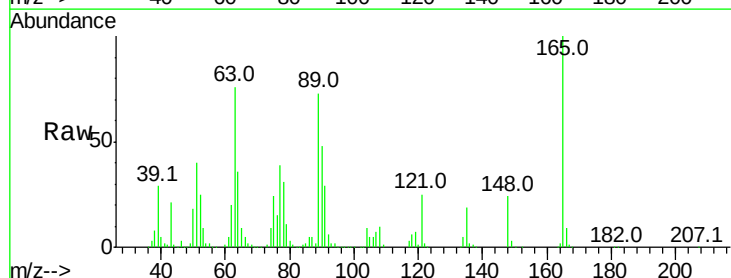
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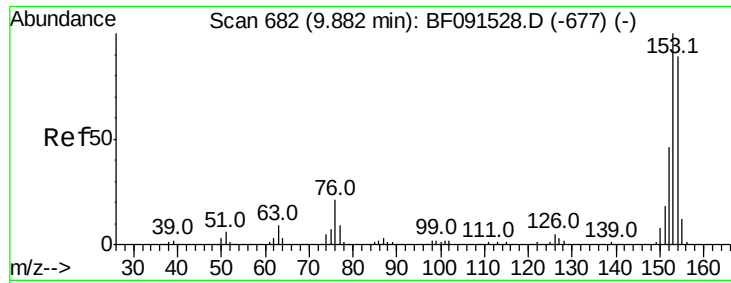
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#50
2,6-Dinitrotoluene
Concen: 38.24 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tgt Ion:165 Resp: 323404
Ion Ratio Lower Upper
165 100
63 76.5 59.4 89.0
89 73.3 50.8 76.2





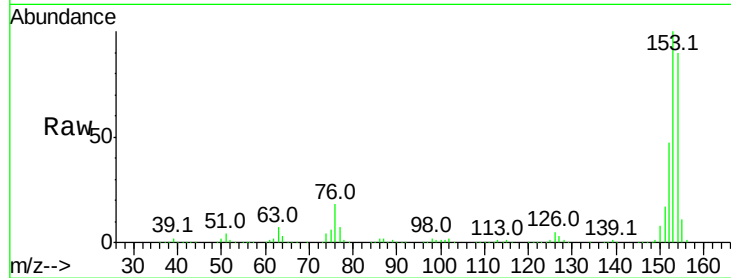
#51
Acenaphthene
Concen: 39.97 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

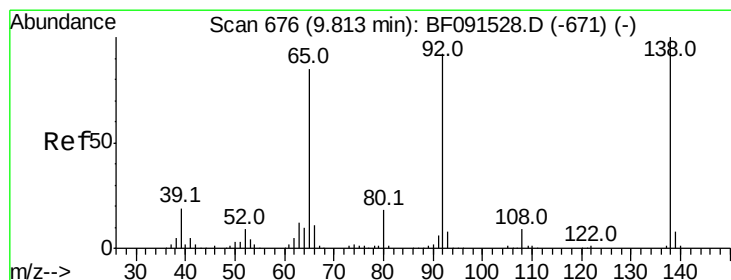
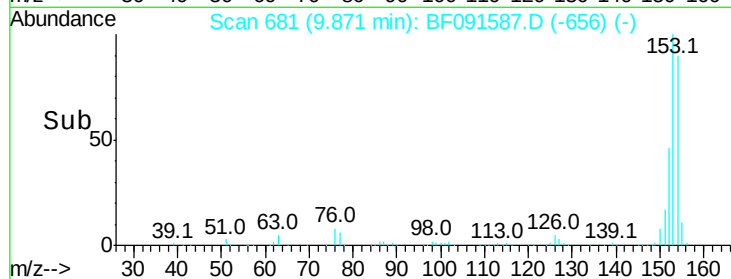
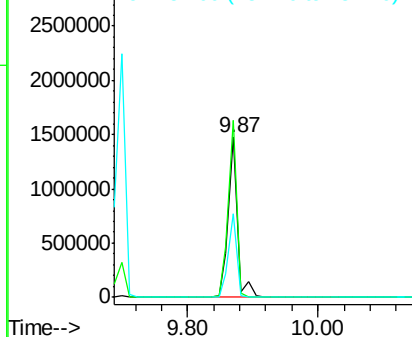
Tot Ion:154 Resp: 1444316
Ion Ratio Lower Upper
154 100
153 111.1 91.0 136.6
152 51.9 44.2 66.2

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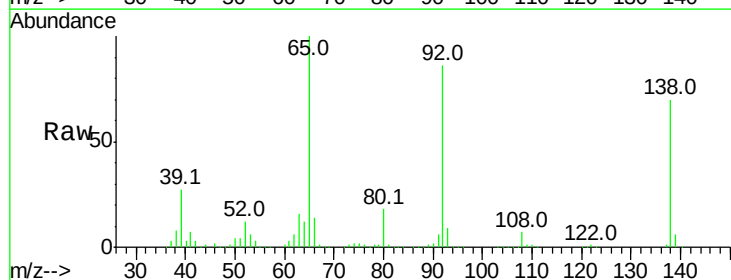


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

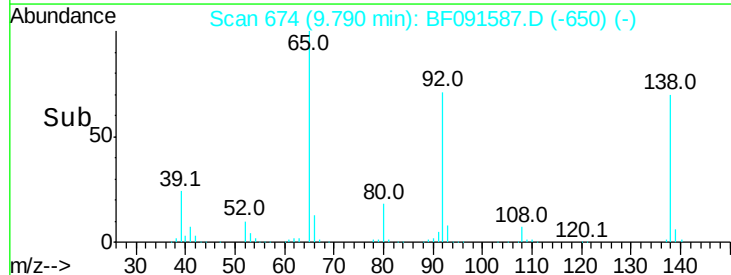
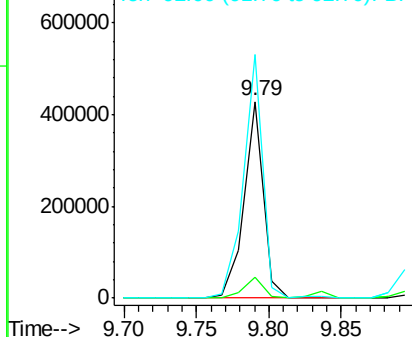


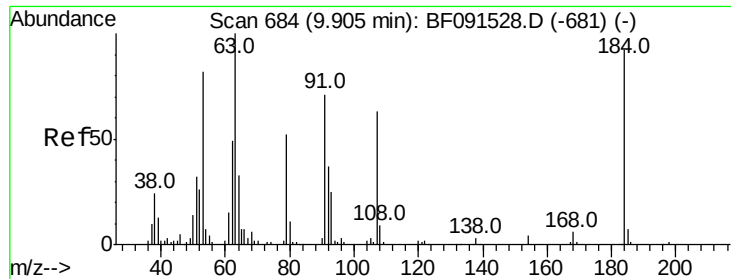
#52
3-Nitroaniline
Concen: 40.12 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tgt Ion:138 Resp: 398558
Ion Ratio Lower Upper
138 100
108 10.7 8.1 12.1
92 123.9 92.5 138.7



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





#53

2,4-Dinitrophenol

Concen: 46.86 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Instrument :

BNA_F

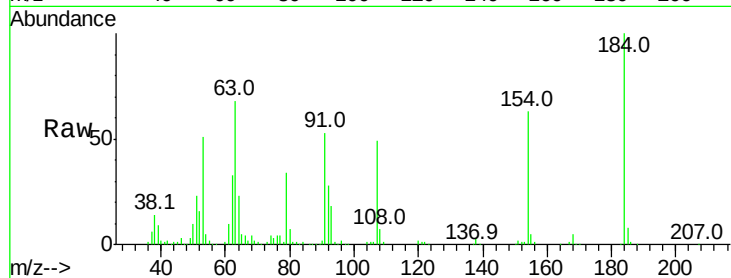
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	188348
Ion Ratio	Lower	Upper	
184	100		
63	68.5	58.3	87.5
154	63.2	48.6	73.0

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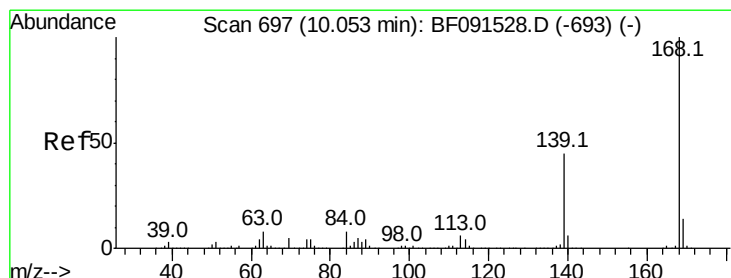
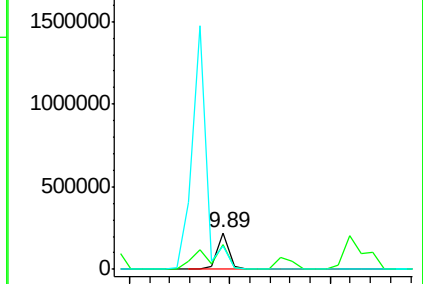
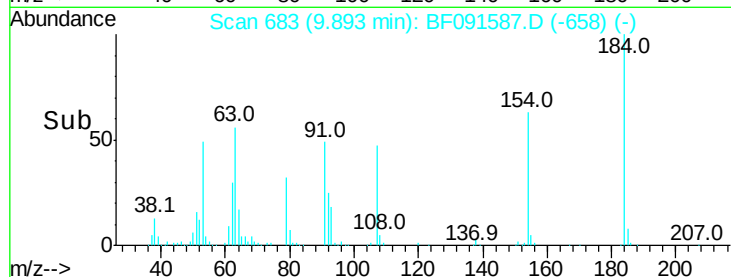
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 41.88 ng

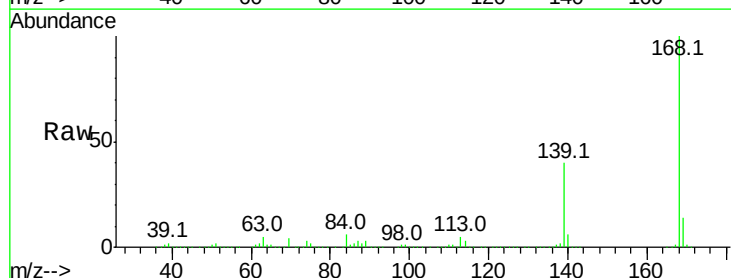
RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

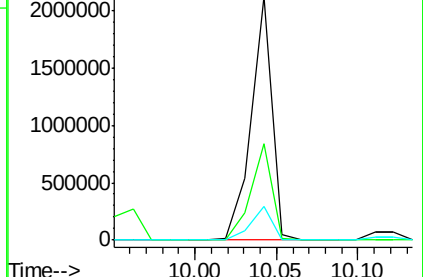
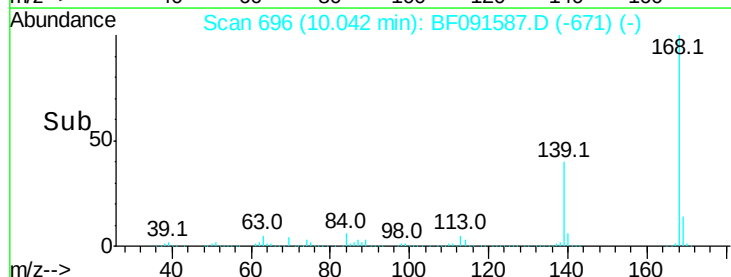
Tgt Ion:	168	Resp:	1872333
Ion Ratio	Lower	Upper	
168	100		
139	39.5	33.4	50.2
169	13.6	11.1	16.7

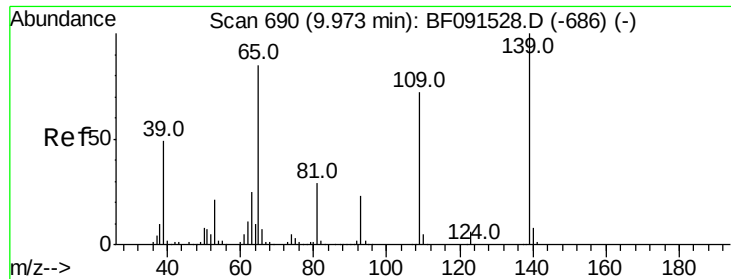


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





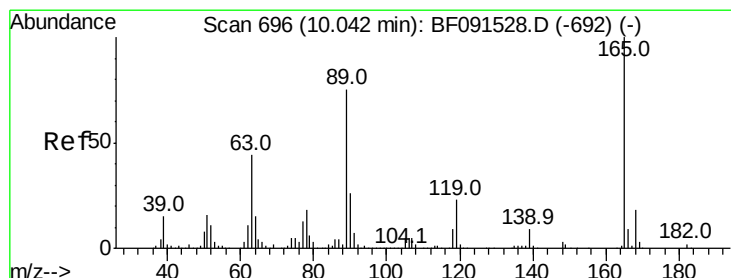
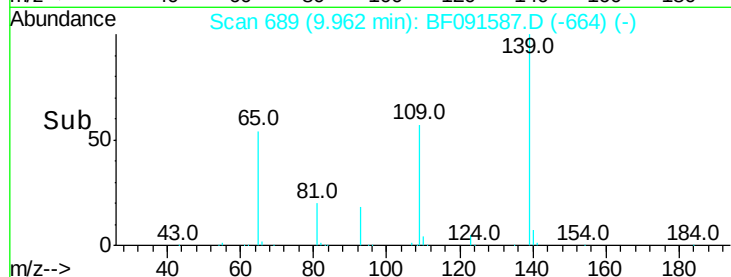
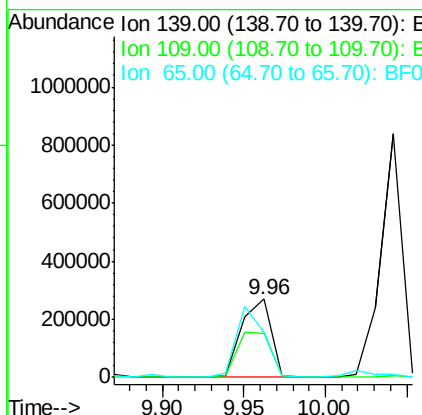
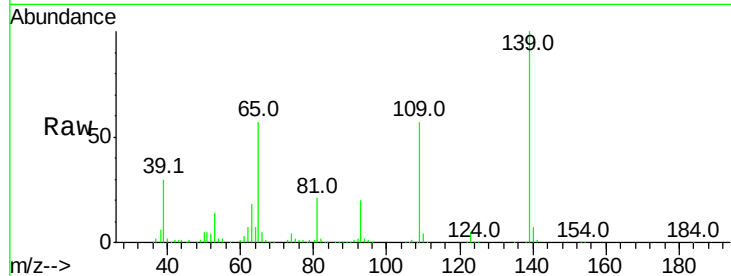
#55
4-Nitrophenol
Concen: 46.12 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	56.7	54.9	94.9
65	57.3	102.2	142.2#

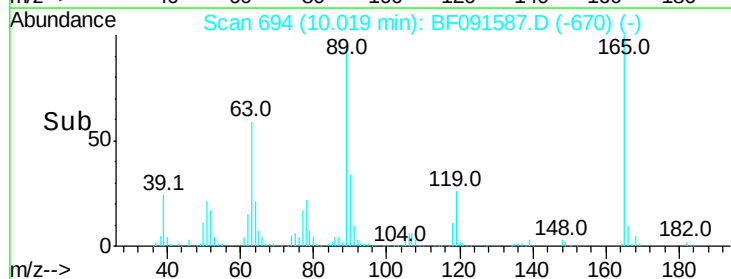
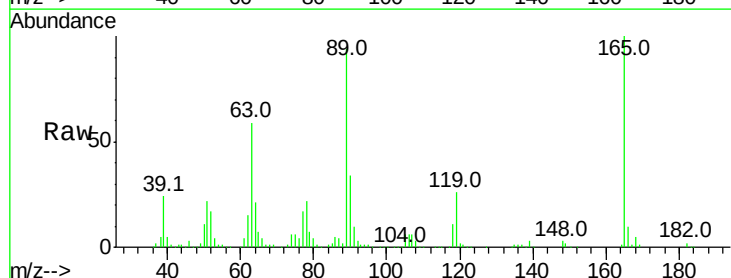
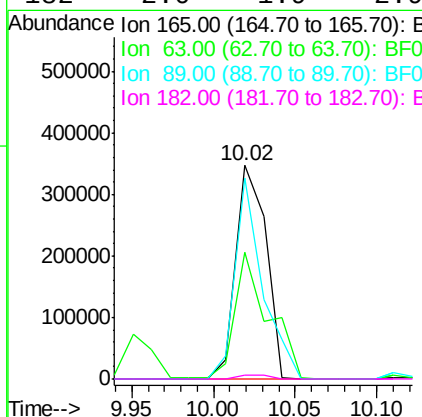
Manual Integrations
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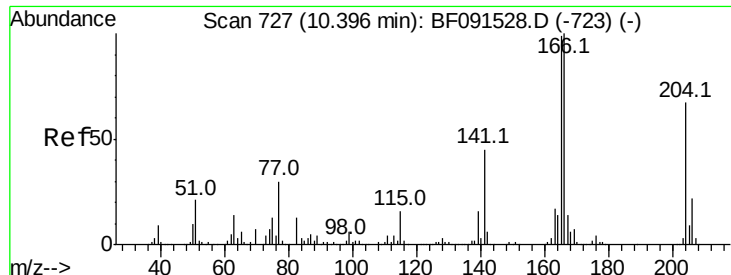
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#56
2,4-Dinitrotoluene
Concen: 41.77 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.1	29.0	43.4#
89	94.0	43.1	64.7#
182	2.0	1.9	2.9





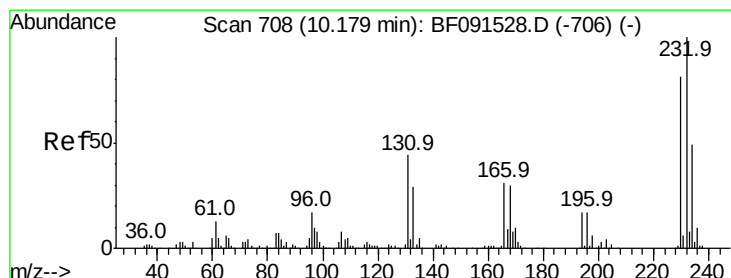
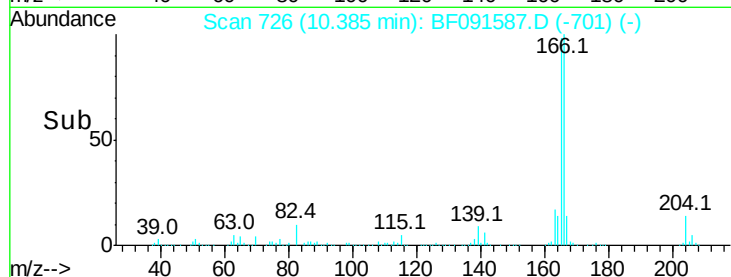
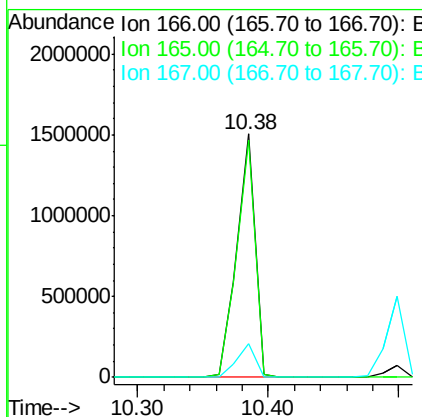
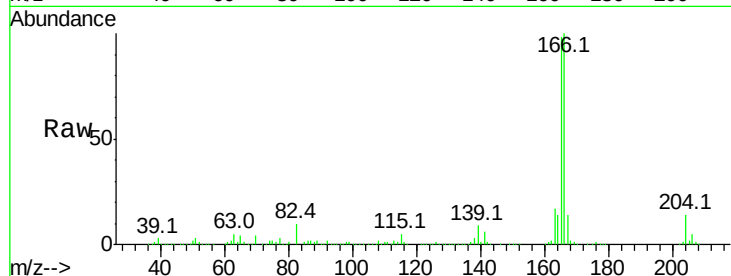
#57
Fluorene
 Concen: 45.99 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	80.0	120.0
167	13.6	10.8	16.2

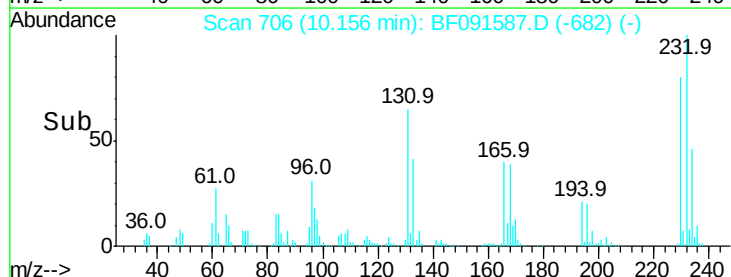
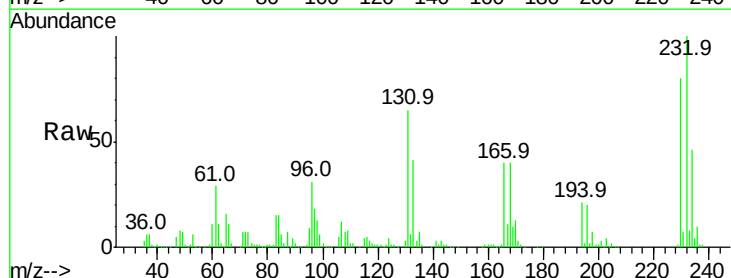
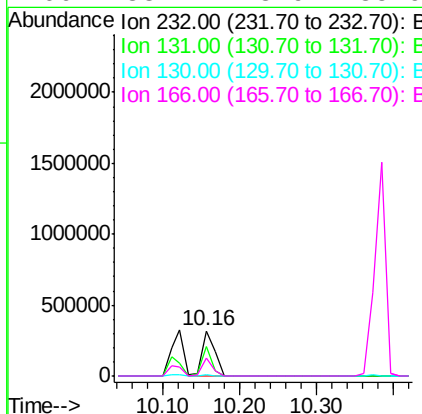
Manual Integrations
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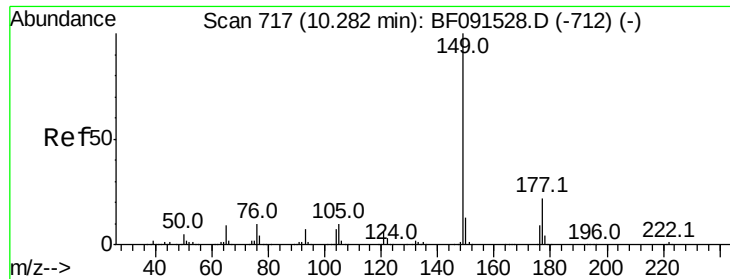
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.83 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.5	38.4	57.6
130	2.5	1.8	2.8
166	33.7	23.9	35.9





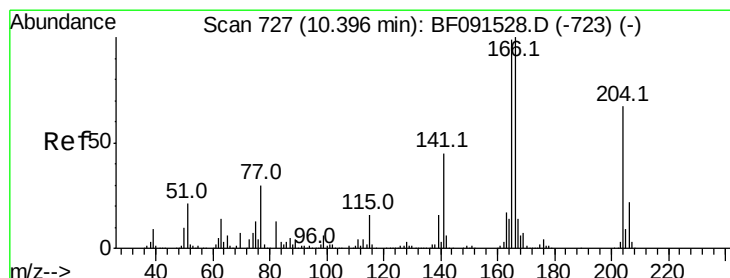
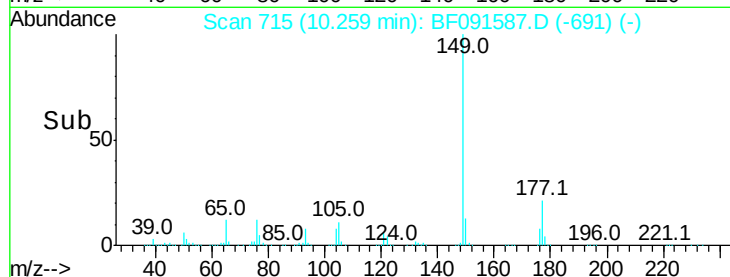
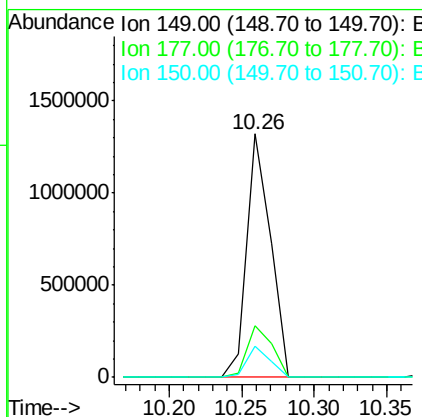
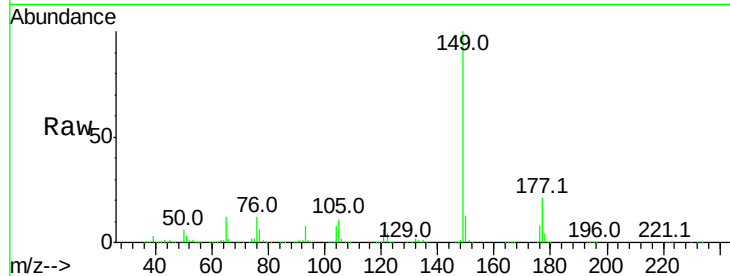
#59
Diethylphthalate
Concen: 40.32 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	15.7	23.5
150	12.8	10.2	15.2

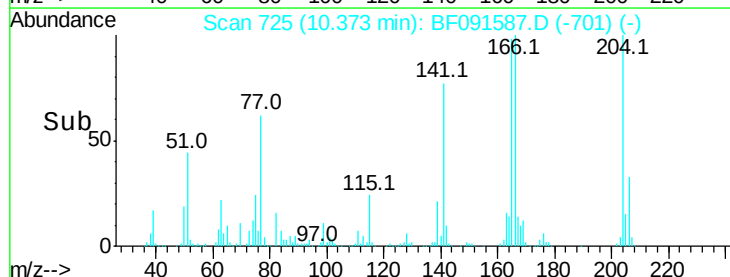
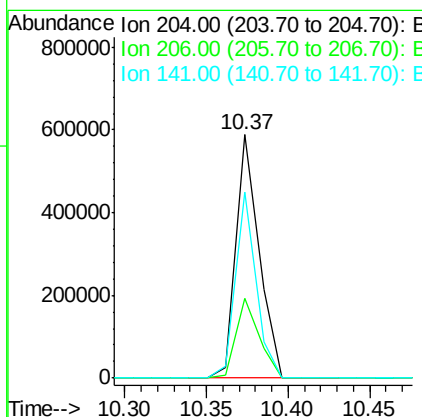
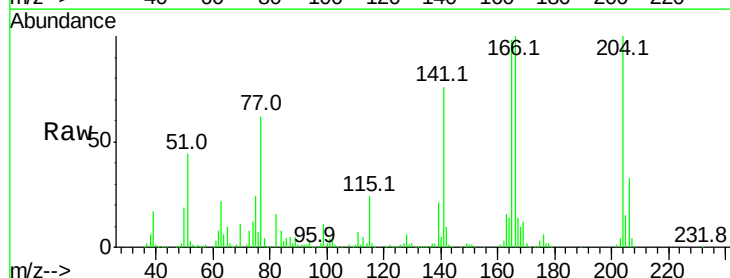
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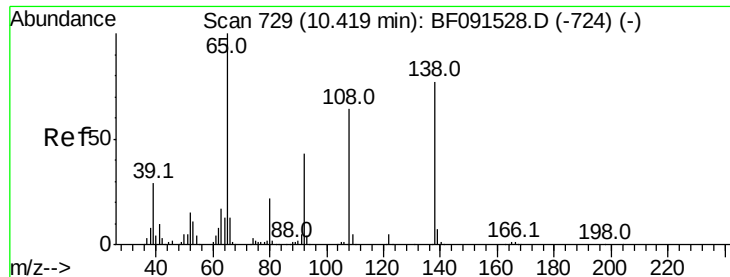
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#60
4-Chlorophenyl-phenylether
Concen: 35.50 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.1	39.1
141	76.6	40.6	61.0





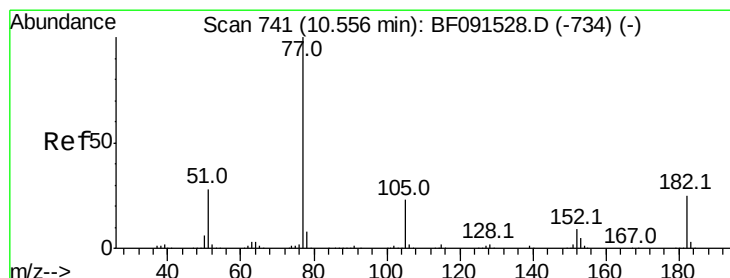
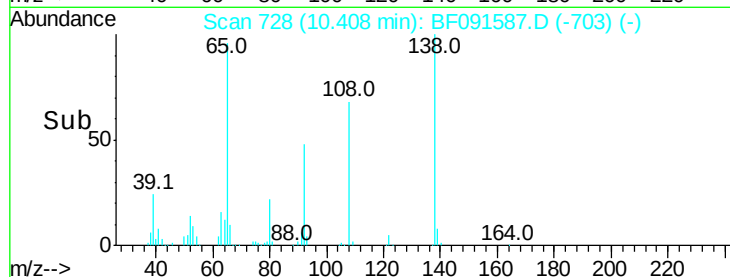
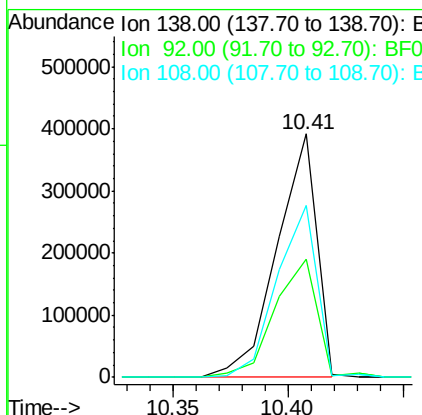
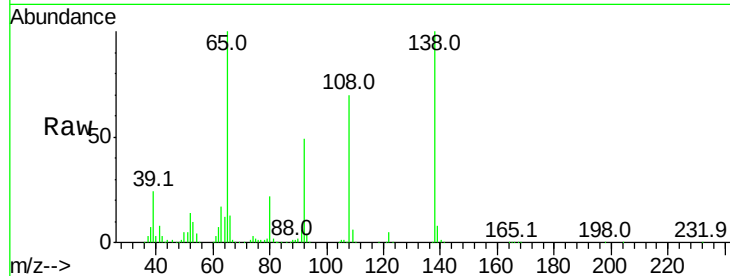
#61
4-Nitroaniline
Concen: 47.78 ng/mL
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.6	26.9	66.9
108	70.4	49.1	89.1

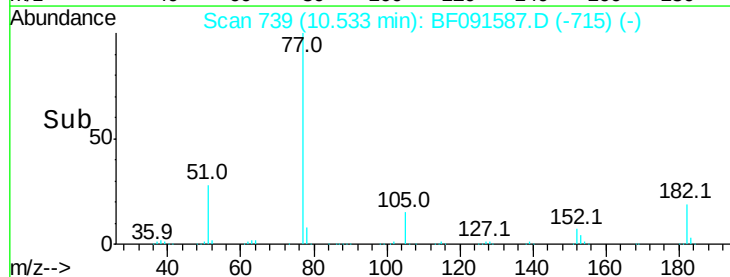
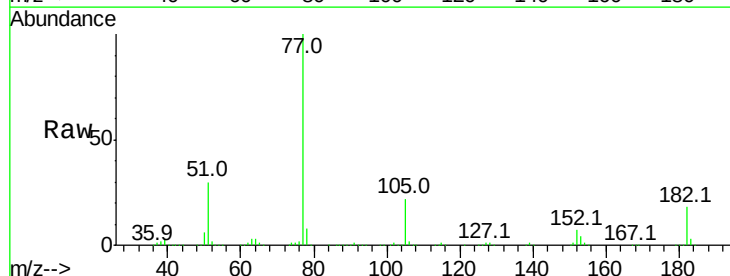
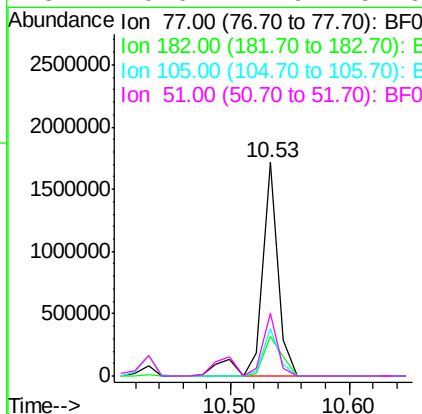
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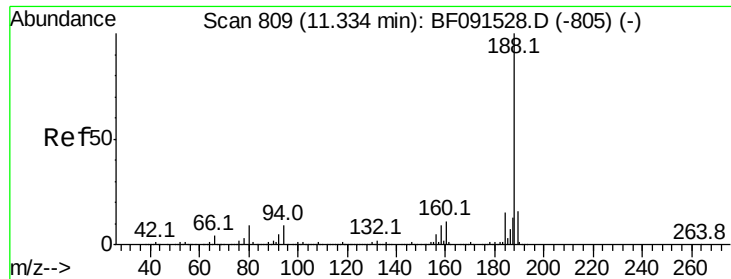
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#62
Azobenzene
Concen: 39.53 ng/mL
RT: 10.53 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.3	12.5	52.5
105	22.3	3.7	43.7
51	29.6	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Instrument :

BNA_F

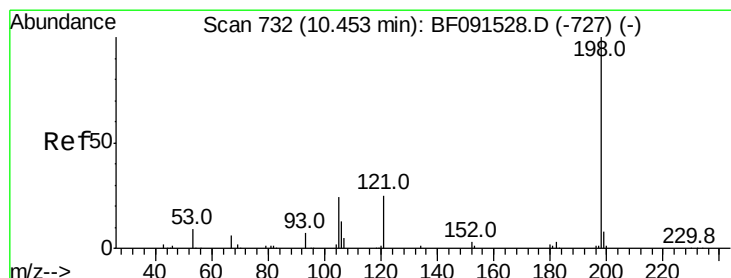
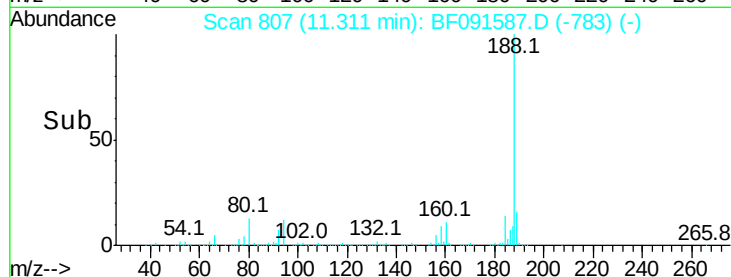
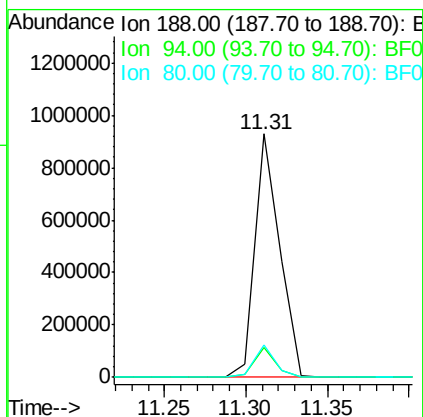
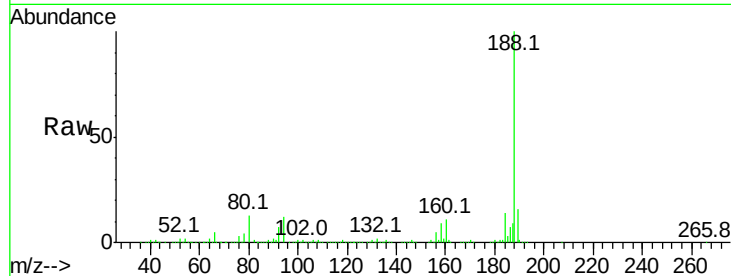
ClientSampleId :

SSTDCCC040

Tot Ion:188	Resp: 981749
Ion Ratio	Lower Upper
188 100	
94 12.3	9.2 13.8
80 13.2	10.5 15.7

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.92 ng

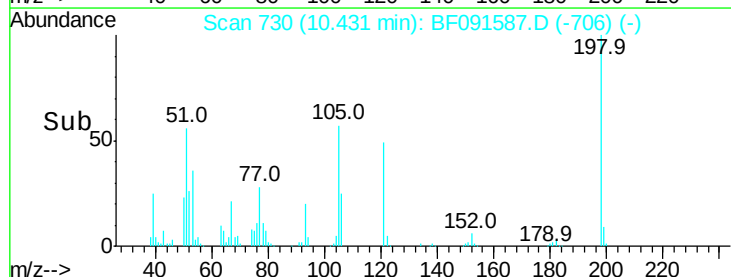
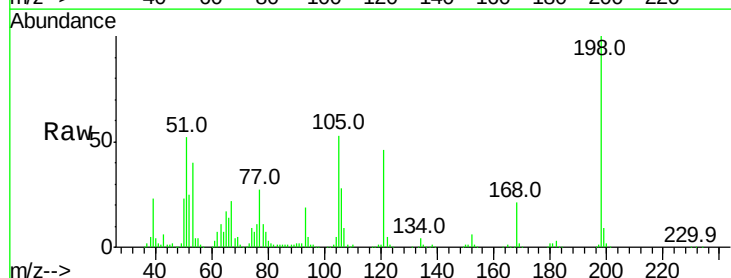
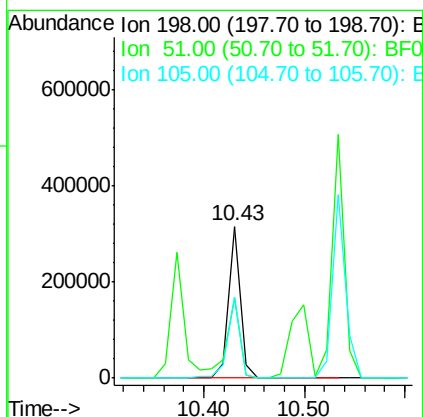
RT: 10.43 min Scan# 730

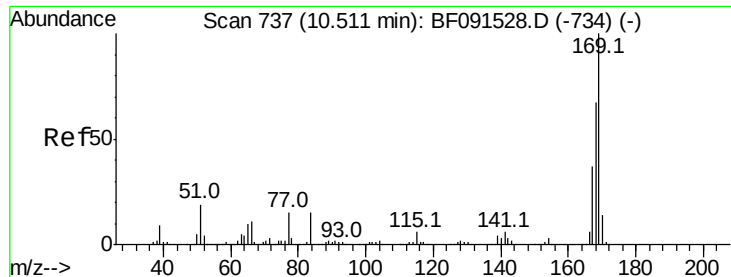
Delta R.T. -0.02 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Tgt Ion:198	Resp: 260272
Ion Ratio	Lower Upper
198 100	
51 52.4	77.1 117.1#
105 53.4	44.8 84.8





#65

n-Nitrosodiphenylamine

Concen: 43.94 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1286132

Ion Ratio Lower Upper

169 100

168 67.2 53.8 80.8

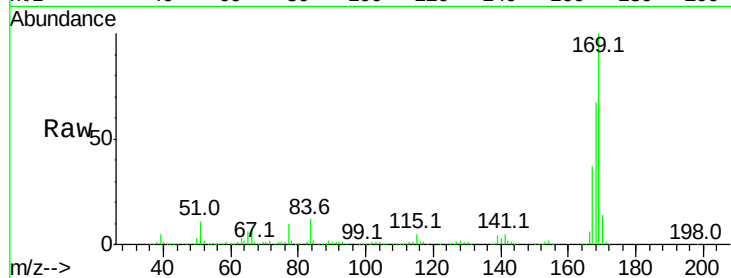
167 37.4 29.8 44.8

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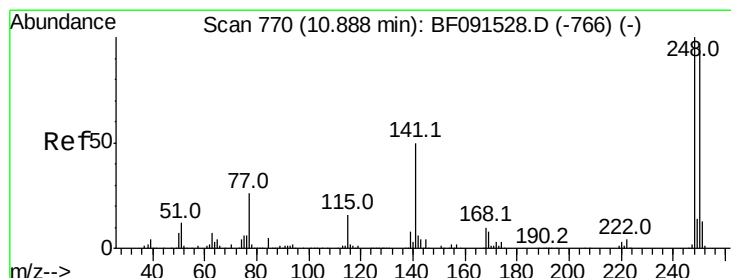
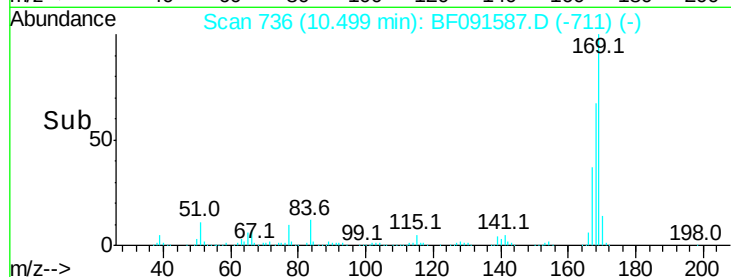
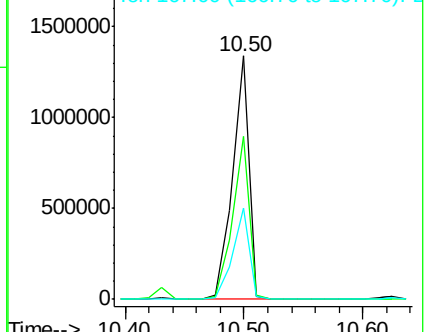
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.81 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

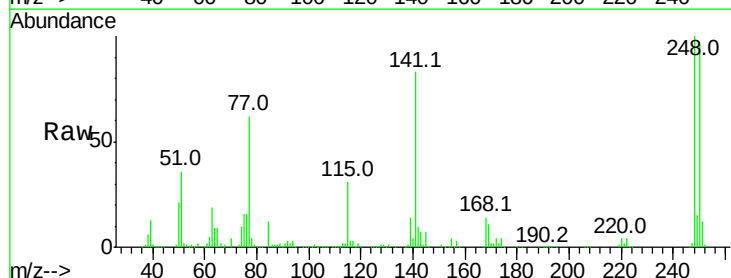
Tgt Ion:248 Resp: 410761

Ion Ratio Lower Upper

248 100

250 96.0 78.2 117.4

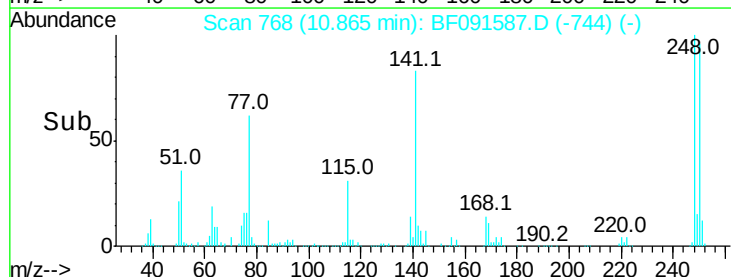
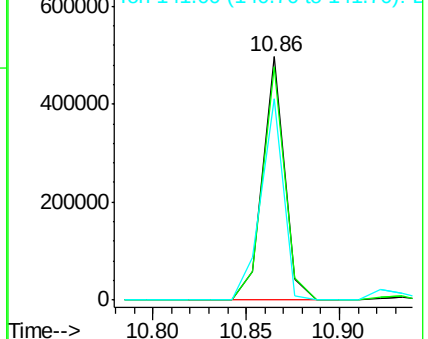
141 82.8 71.9 107.9

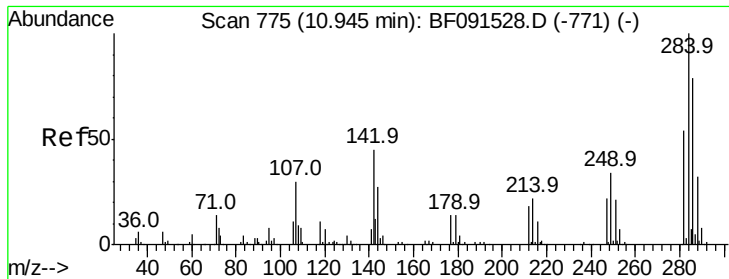


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.69 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Instrument :

BNA_F

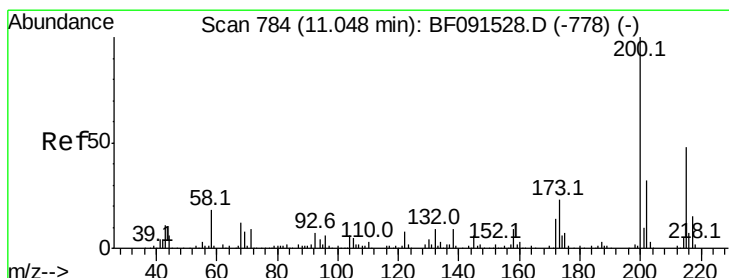
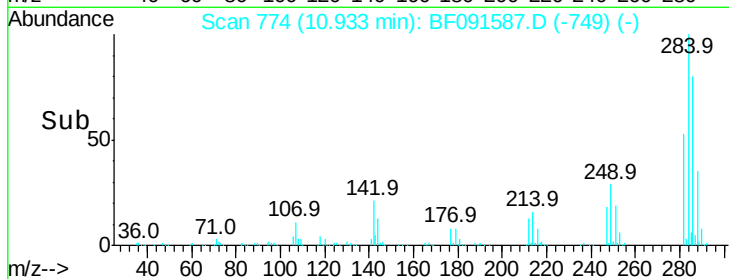
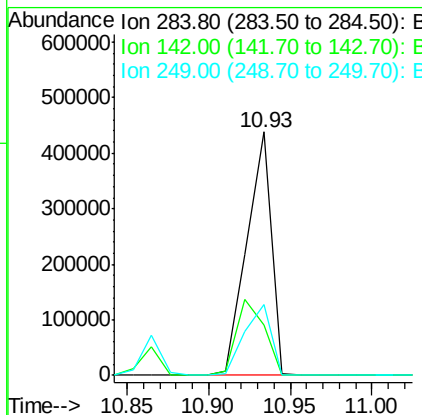
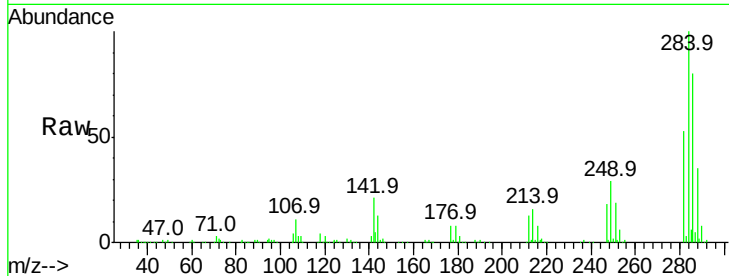
ClientSampleId :

SSTDCCC040

Tot Ion:	284	Resp:	457240
Ion Ratio	Lower	Upper	
284	100		
142	20.7	17.9	26.9
249	28.9	23.6	35.4

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#68

Atrazine

Concen: 38.29 ng

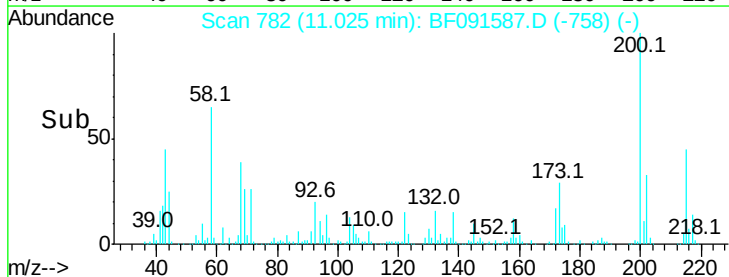
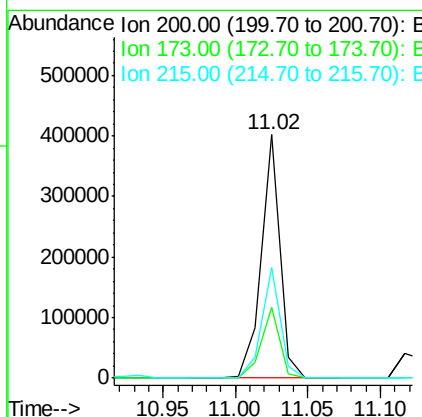
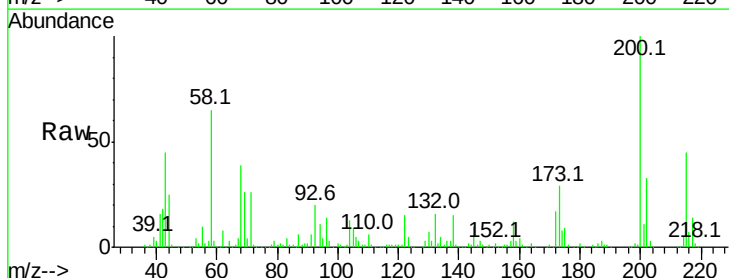
RT: 11.02 min Scan# 782

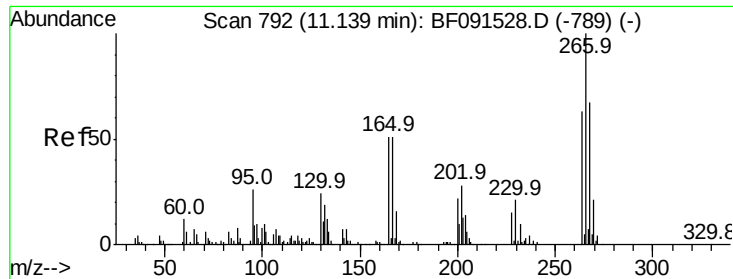
Delta R.T. -0.02 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Tgt Ion:	200	Resp:	360313
Ion Ratio	Lower	Upper	
200	100		
173	29.1	7.8	47.8
215	45.1	24.3	64.3





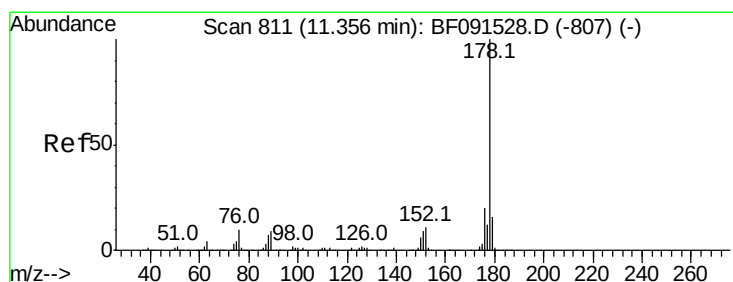
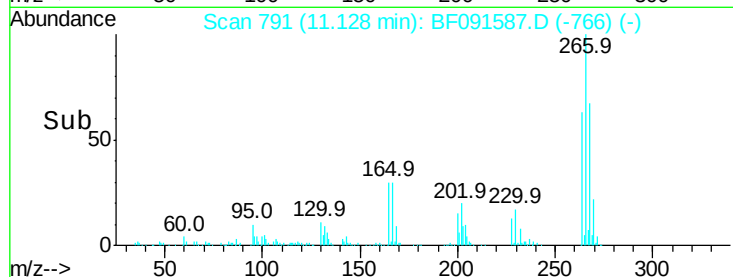
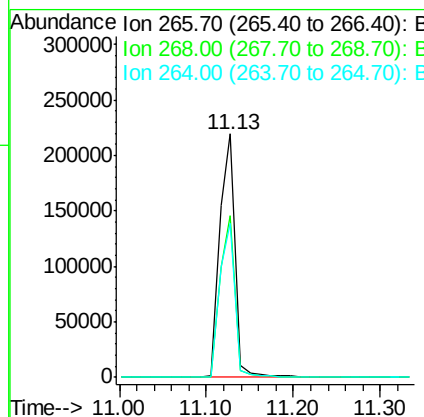
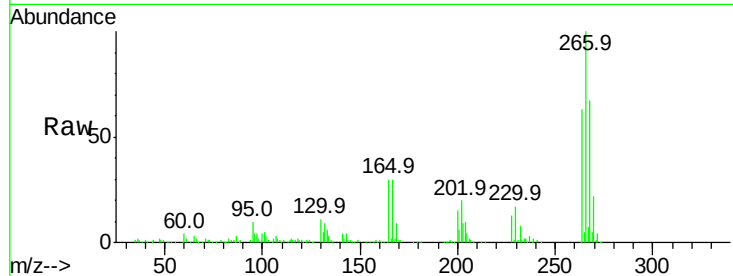
#69
 Pentachlorophenol
 Concen: 46.43 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	273458		
268	66.6	50.3	75.5	
264	63.0	48.2	72.2	

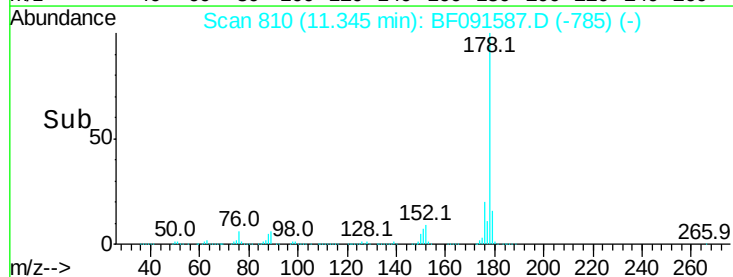
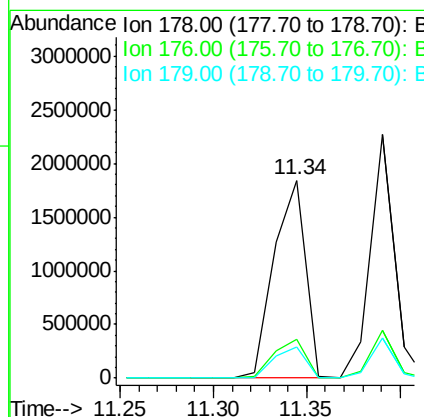
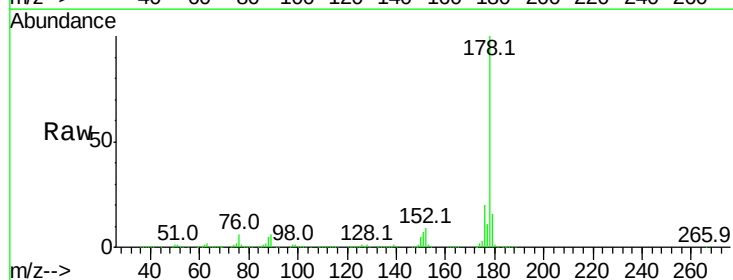
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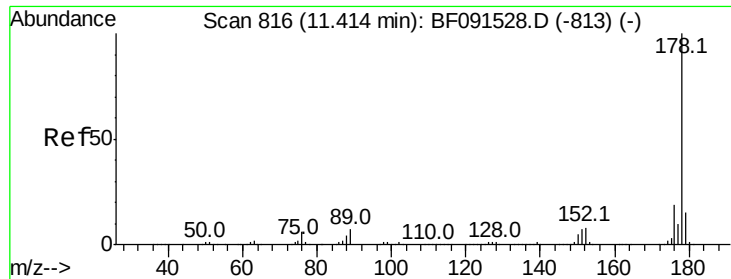
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#70
 Phenanthrene
 Concen: 45.02 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2188675		
176	19.9	15.9	23.9	
179	15.6	12.6	18.8	





#71
 Anthracene
 Concen: 38.12 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

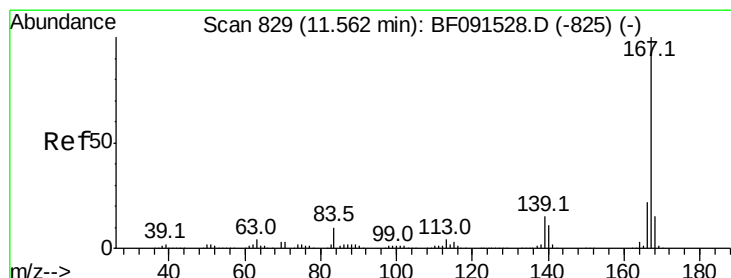
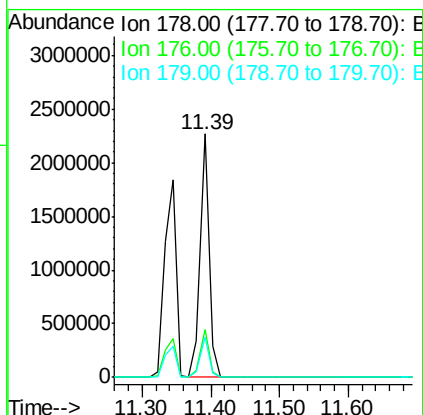
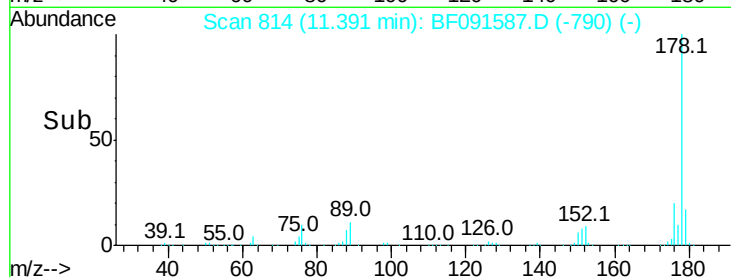
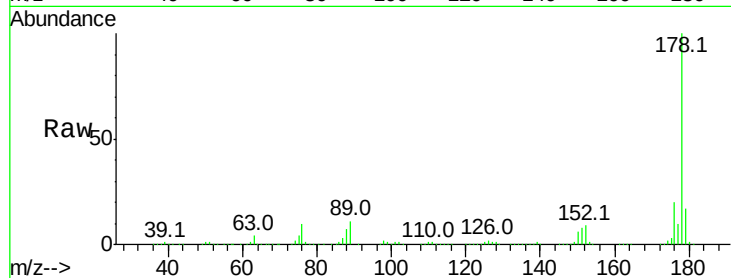
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1998733

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	16.6	12.7	19.1

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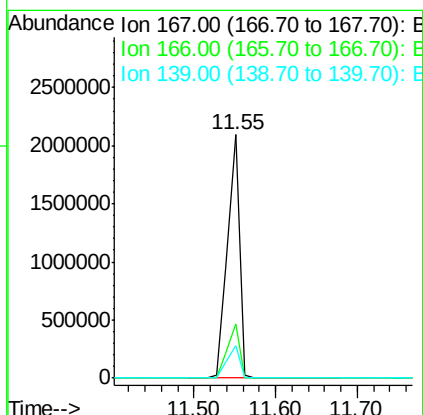
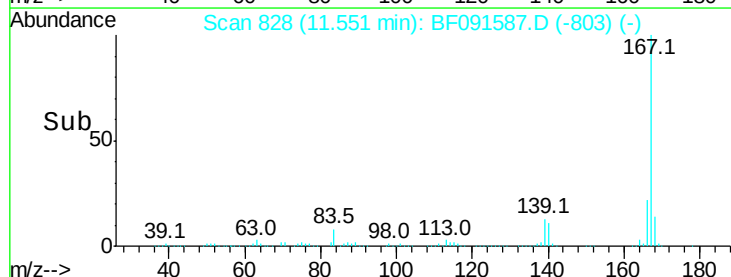
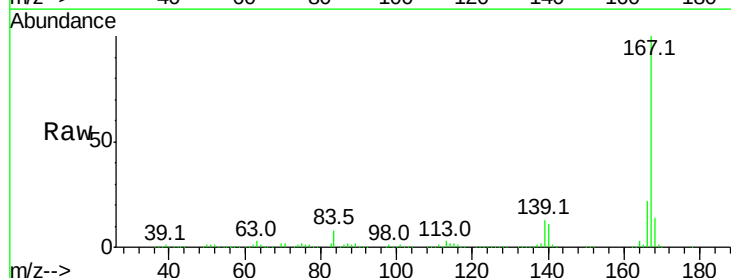
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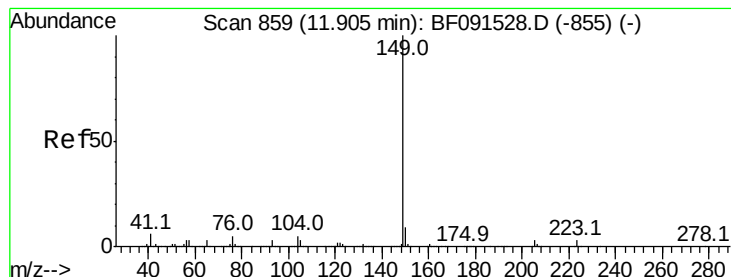


#72
 Carbazole
 Concen: 46.52 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Tgt Ion:167 Resp: 2138410

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.4	11.5	17.3





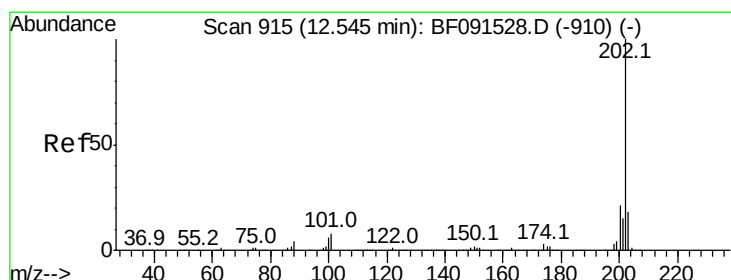
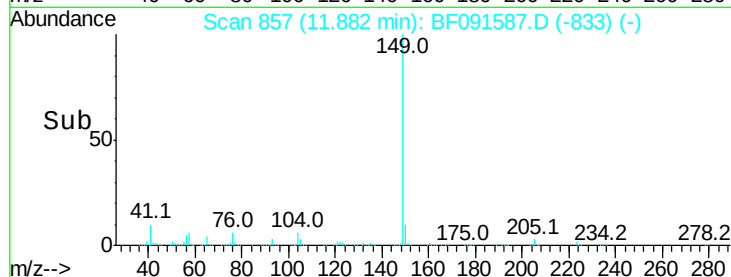
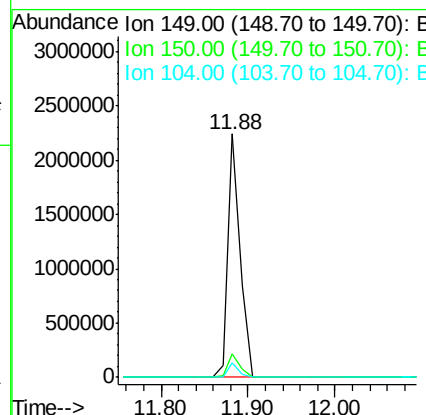
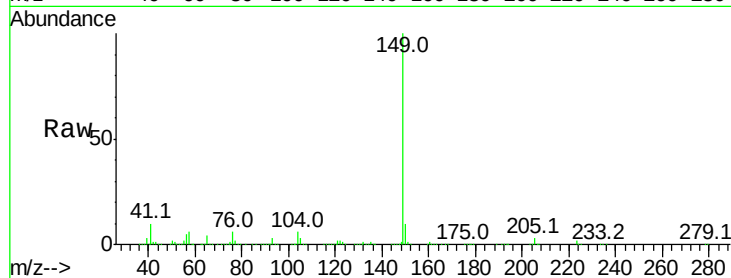
#73
Di-n-butylphthalate
Concen: 40.97 ng
RT: 11.88 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.5	11.3
104	5.9	4.0	6.0

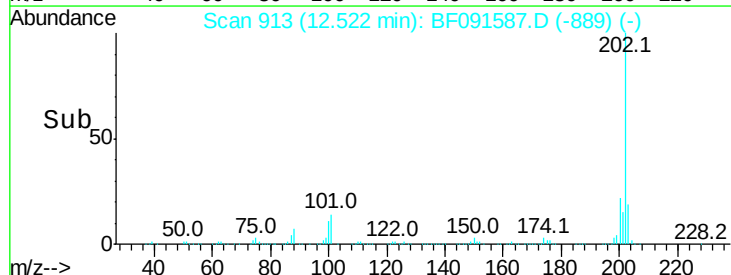
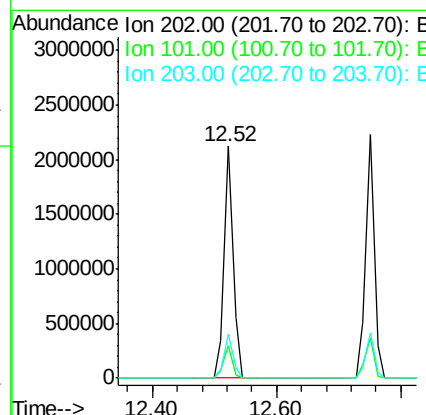
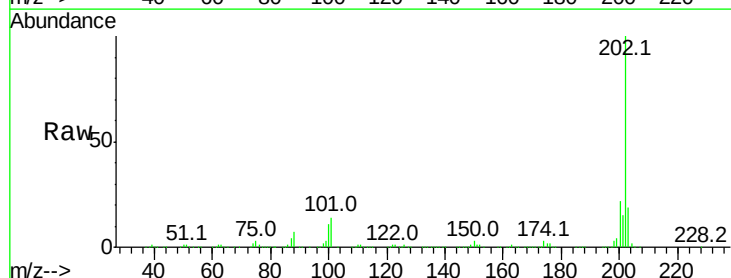
Manual Integrations
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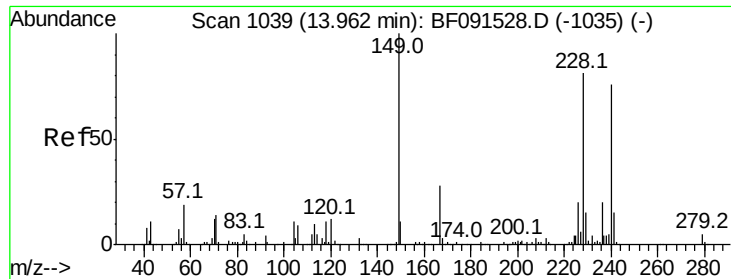
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#74
Fluoranthene
Concen: 41.04 ng
RT: 12.52 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	29.5
203	18.7	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 799798

Ion Ratio Lower Upper

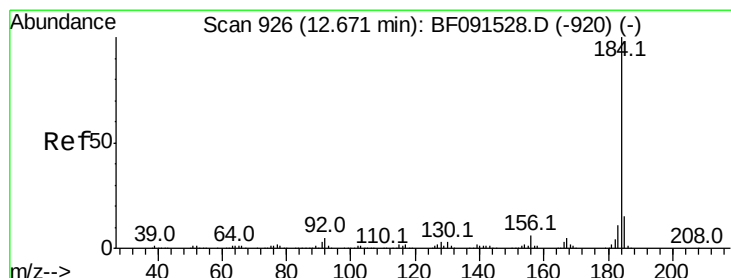
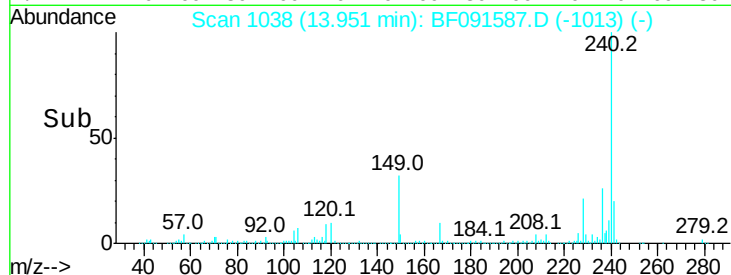
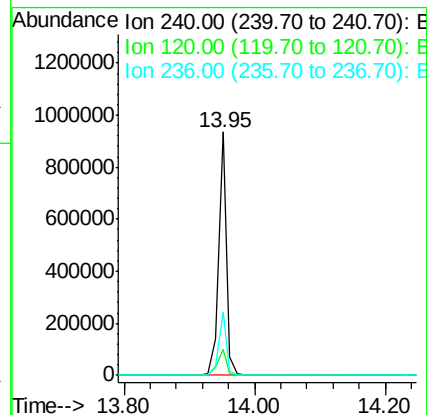
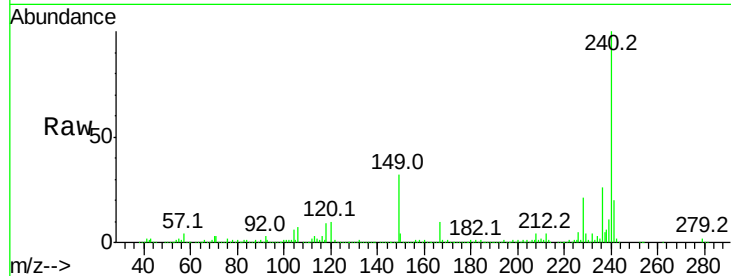
240 100

120 10.4 12.1 18.1#

236 25.7 21.0 31.6

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#76

Benzidine

Concen: 36.12 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

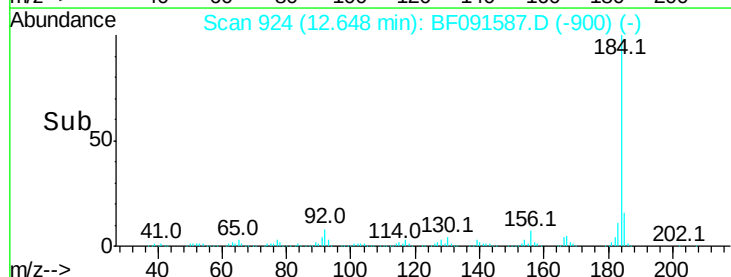
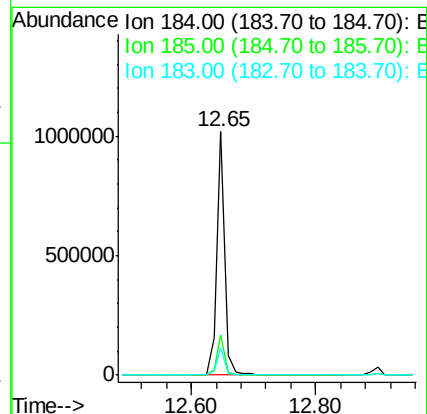
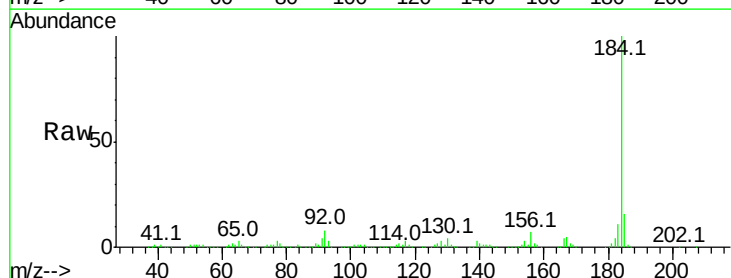
Tgt Ion:184 Resp: 893277

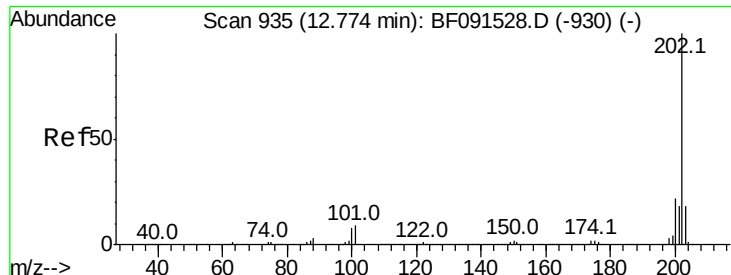
Ion Ratio Lower Upper

184 100

185 16.5 13.1 19.7

183 11.3 8.9 13.3





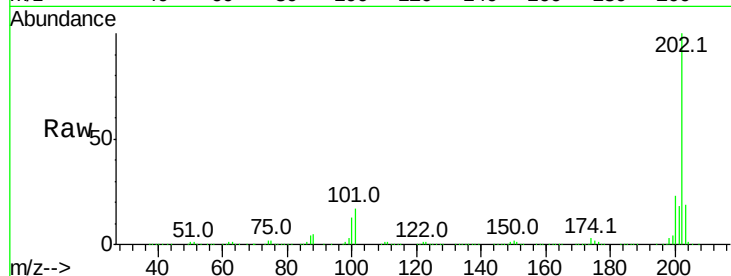
#77
Pvrene
Concen: 33.05 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

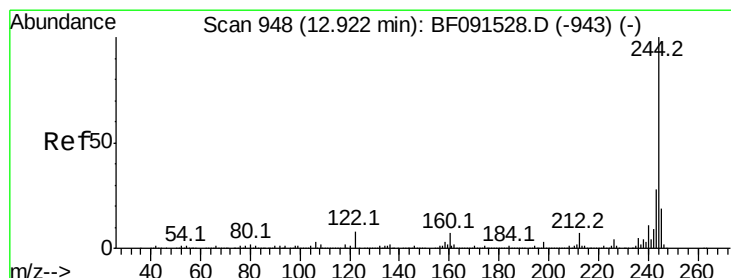
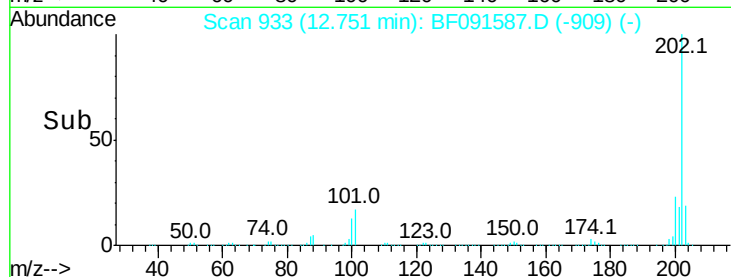
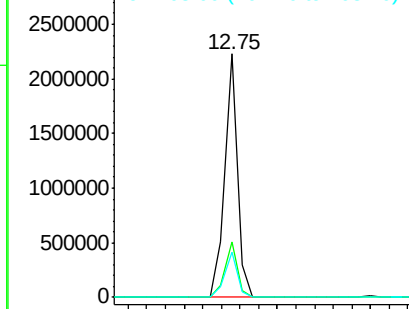
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.6	26.4
203	18.6	14.0	21.0

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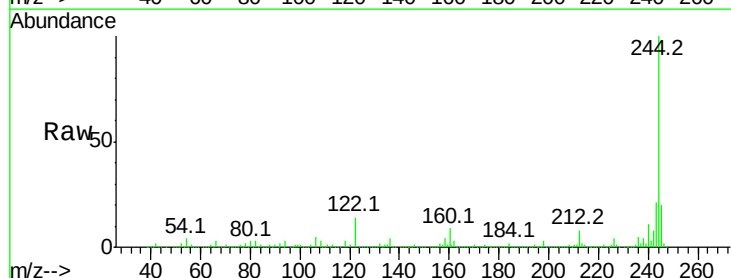


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

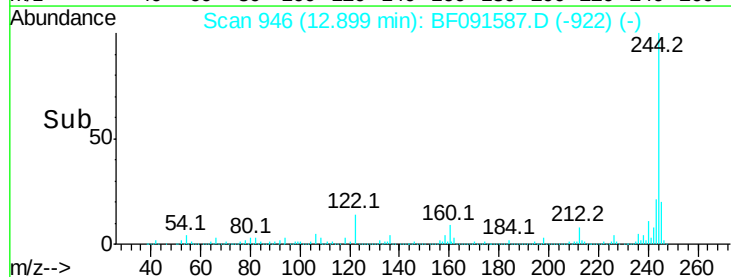
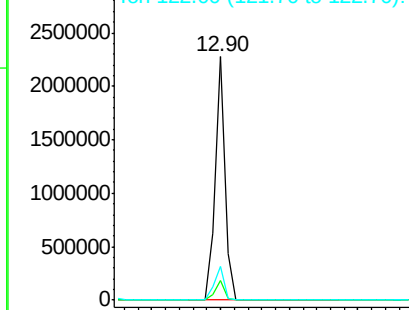


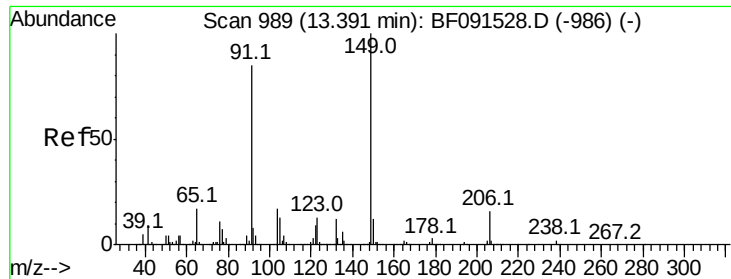
#78
Terphenyl-d14
Concen: 65.70 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	13.6	9.5	14.3



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





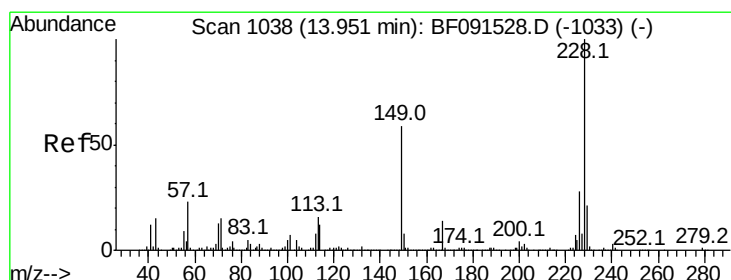
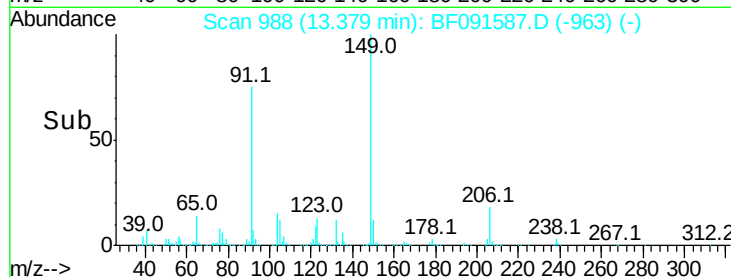
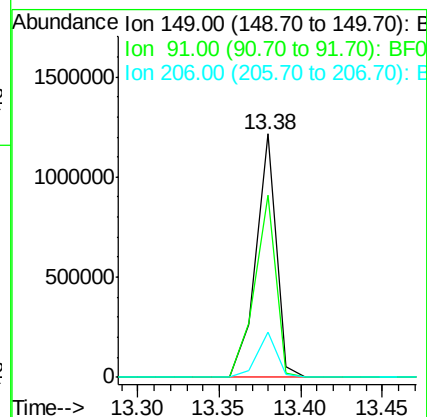
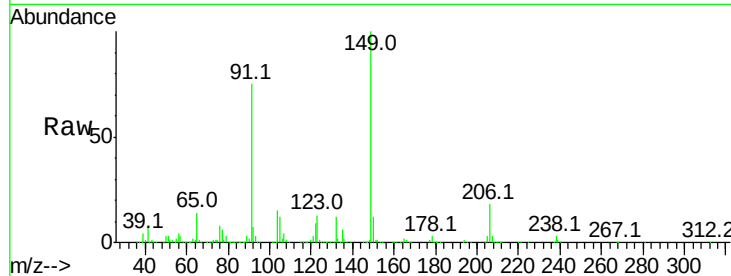
#79
Butylbenzylphthalate
Concen: 42.74 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1057226
Ion Ratio Lower Upper
149 100
91 74.7 57.4 86.2
206 18.4 15.4 23.2

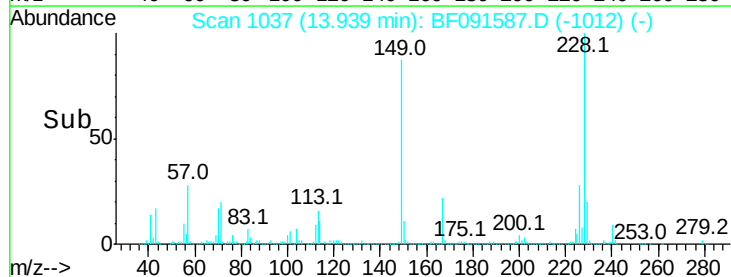
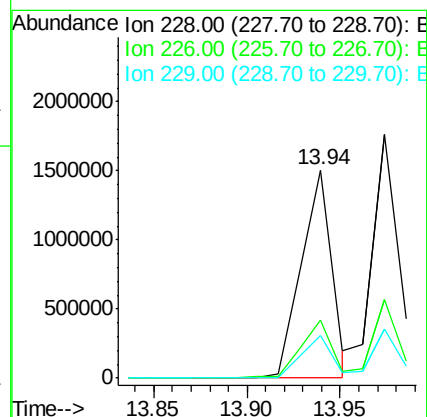
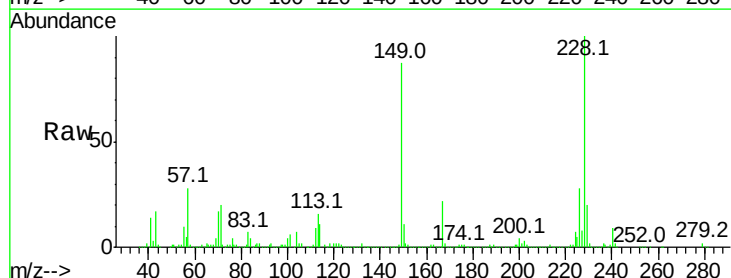
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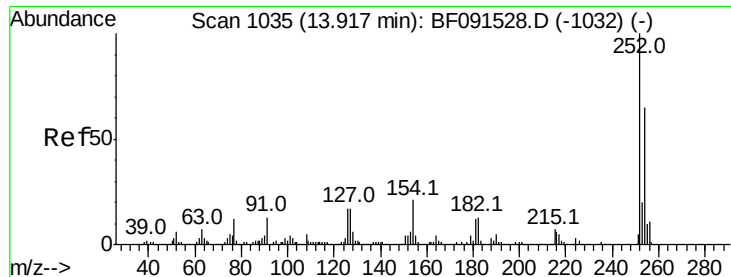
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#80
Benzo(a)anthracene
Concen: 37.15 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tgt Ion:228 Resp: 1725420
Ion Ratio Lower Upper
228 100
226 27.7 22.5 33.7
229 20.3 16.4 24.6





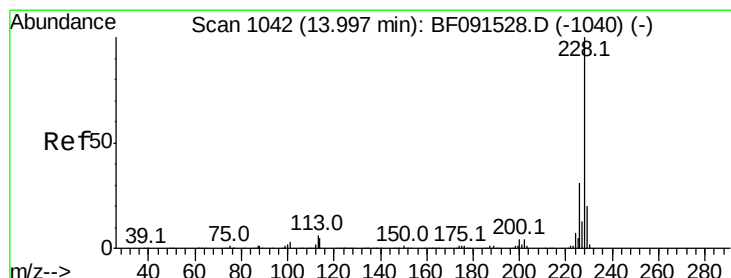
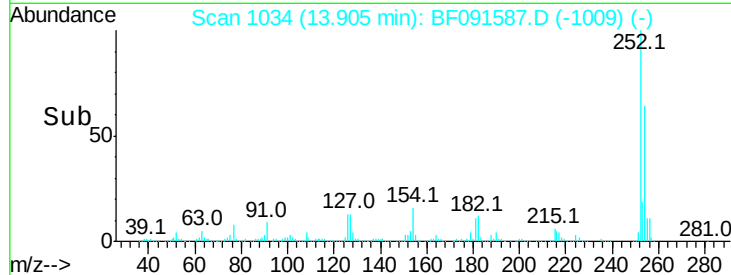
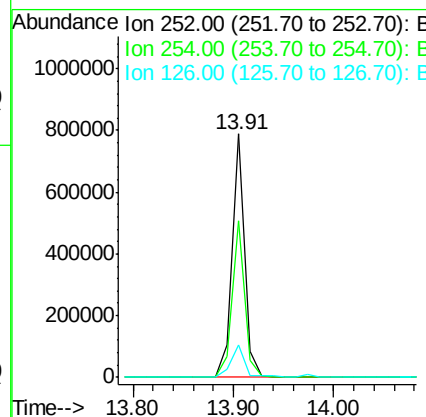
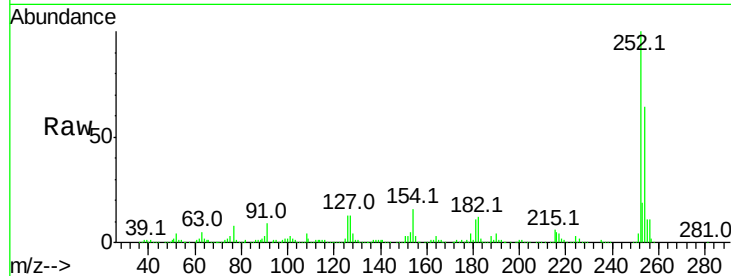
#81
 3,3'-Dichlorobenzidine
 Concen: 40.78 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.1	78.1
126	13.1	7.5	11.3

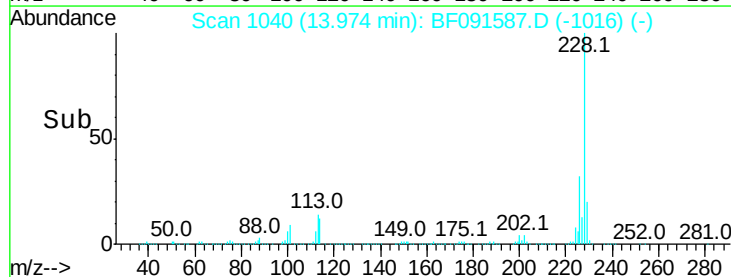
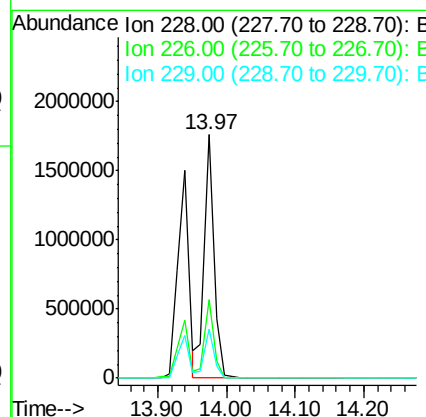
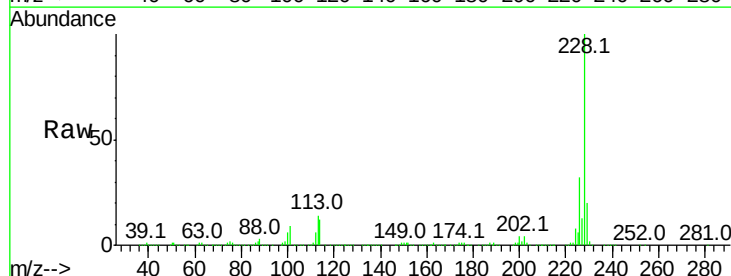
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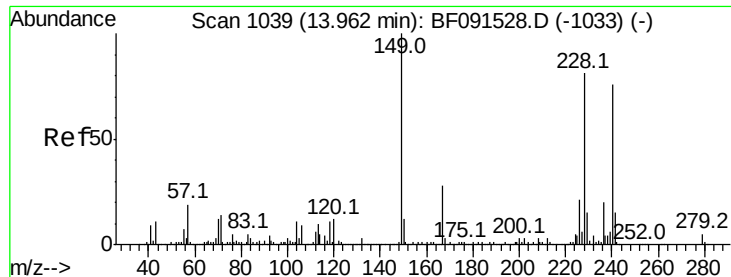
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#82
 Chrysene
 Concen: 35.18 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.4
229	20.3	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.44 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1219827

Ion Ratio Lower Upper

149 100

167 25.8 19.6 29.4

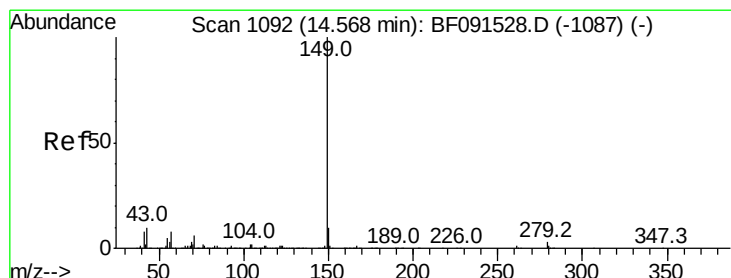
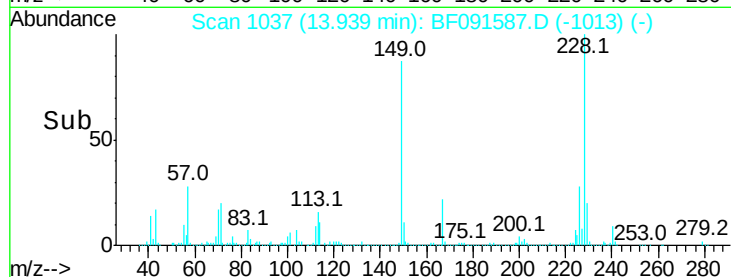
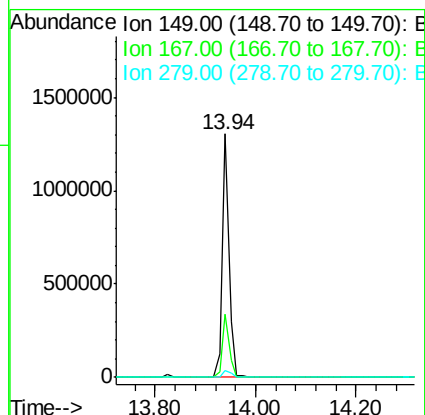
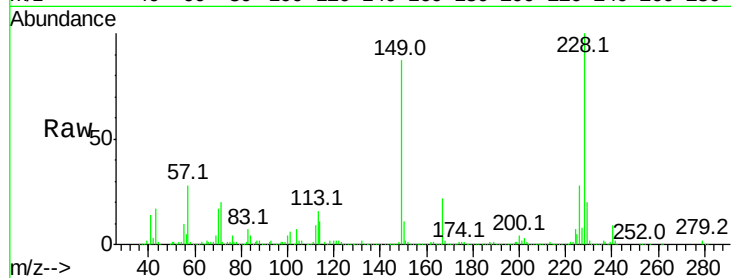
279 2.5 1.9 2.9

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#84

Di-n-octyl phthalate

Concen: 42.48 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BF091587.D

Acq: 14 Dec 2016 16:38

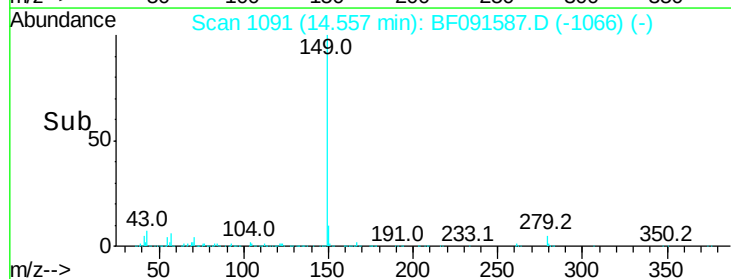
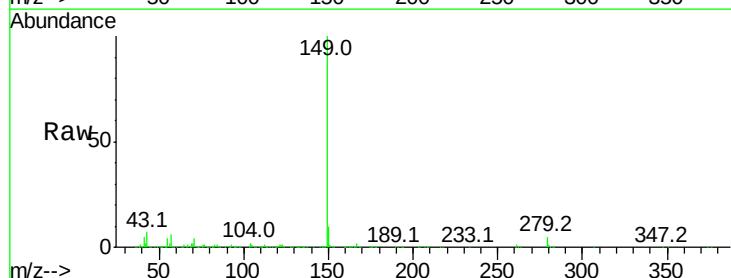
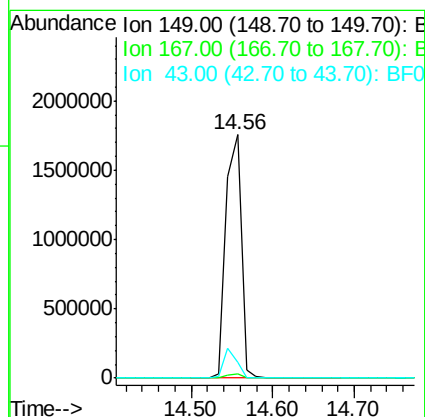
Tgt Ion:149 Resp: 2288340

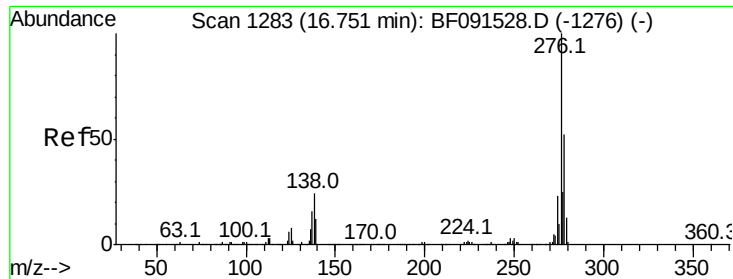
Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.6 11.9 17.9#





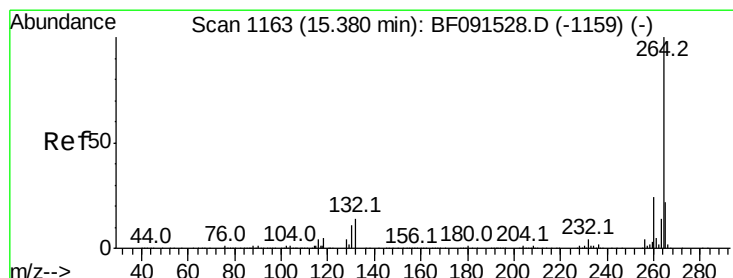
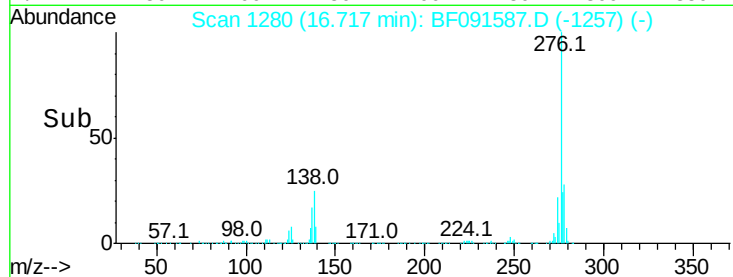
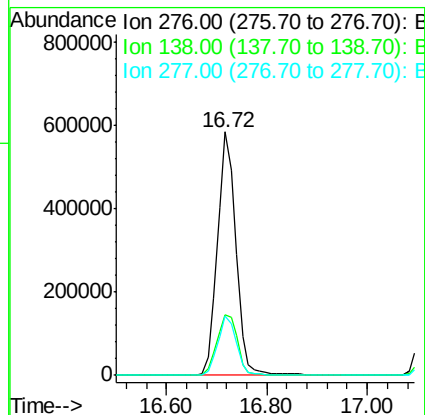
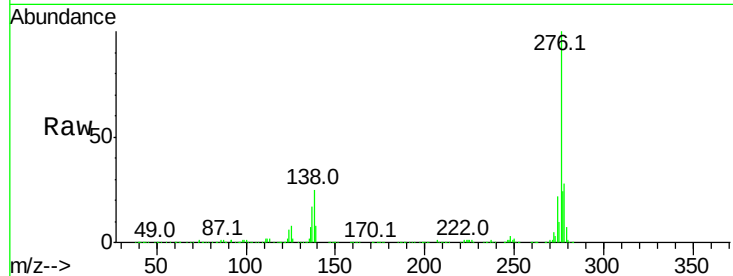
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.43 ng
RT: 16.72 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	21.0	31.4
277	24.9	20.2	30.2

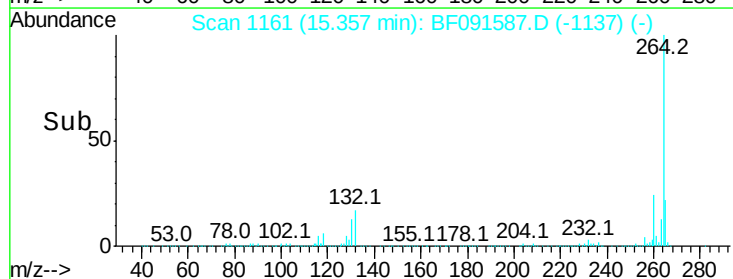
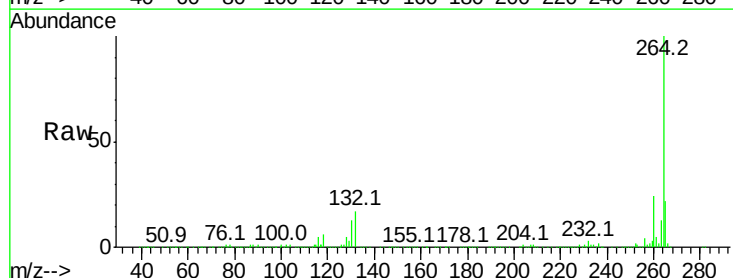
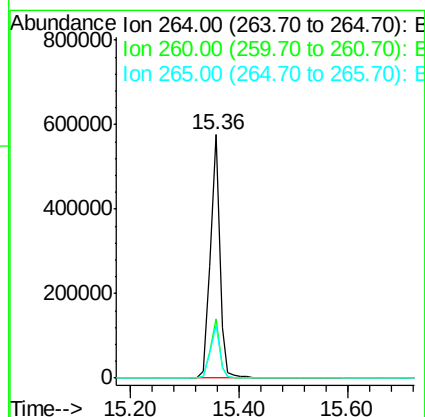
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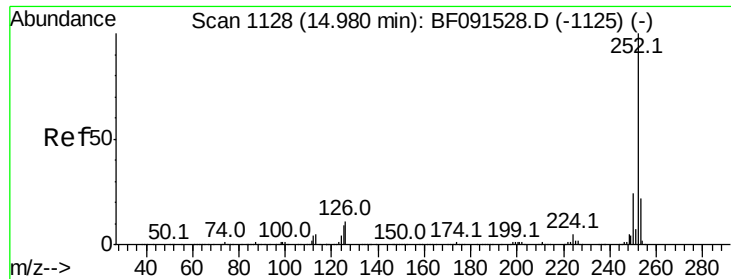
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.9	17.0	25.6





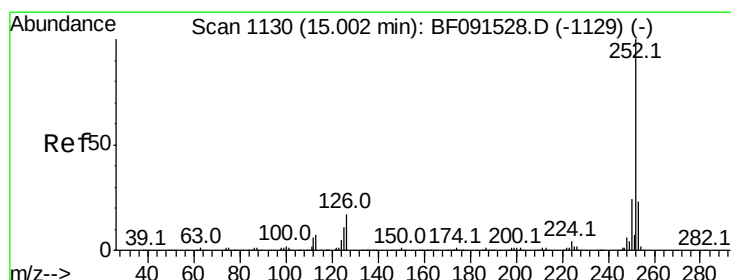
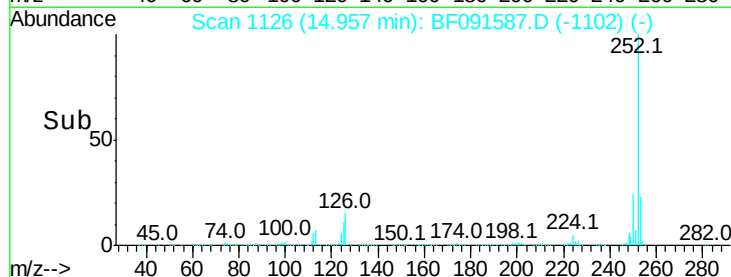
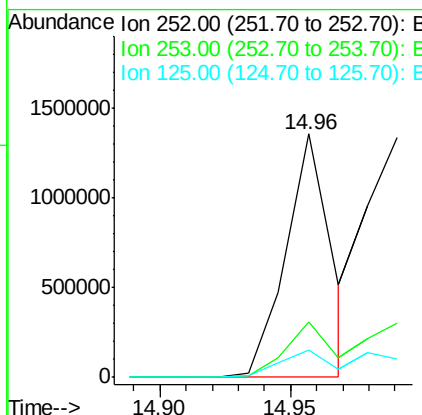
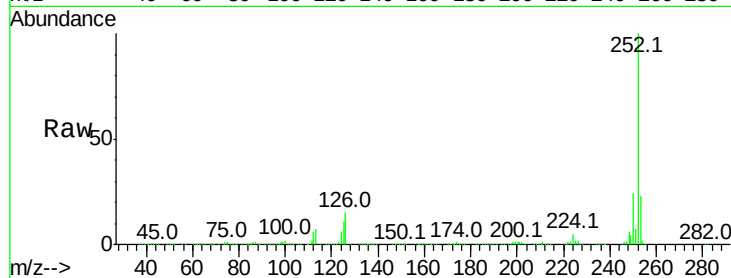
#87
Benzo(b)fluoranthene
Concen: 39.47 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	11.4	8.6	13.0

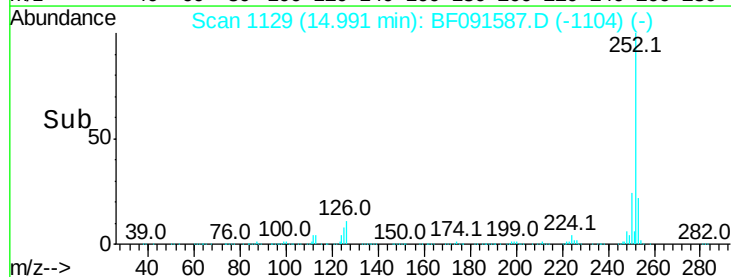
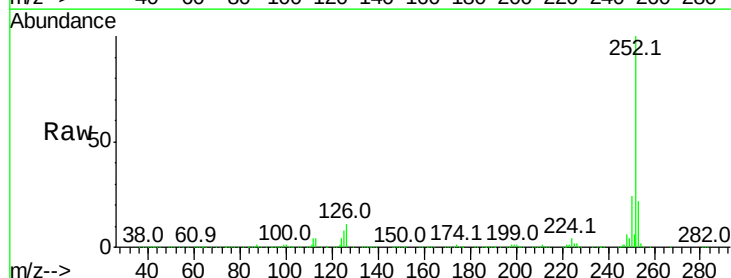
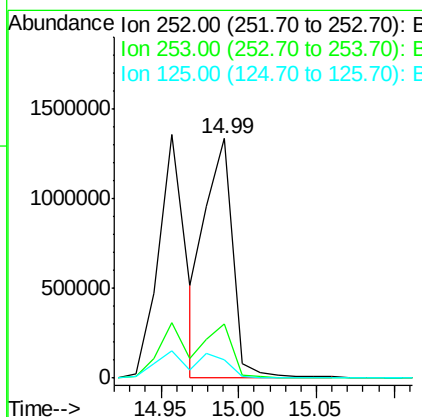
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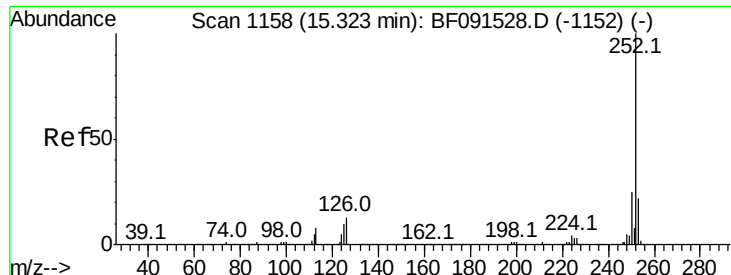
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#88
Benzo(k)fluoranthene
Concen: 46.33 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	7.9	9.6	14.4#





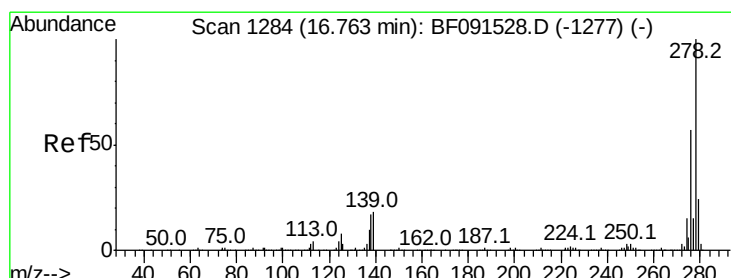
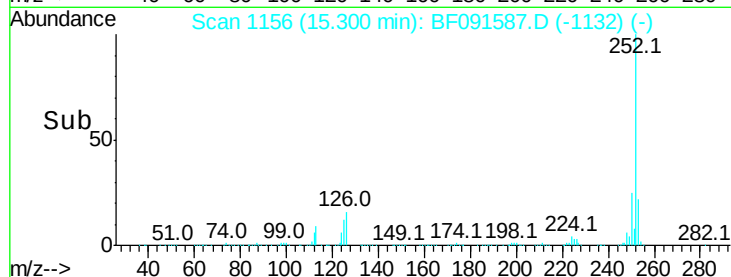
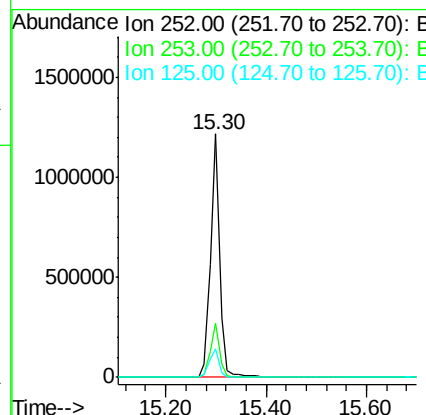
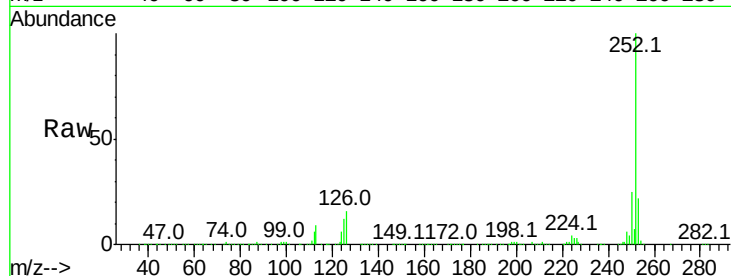
#89
Benzo(a)pyrene
Concen: 41.33 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1538770
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 11.9 10.4 15.6

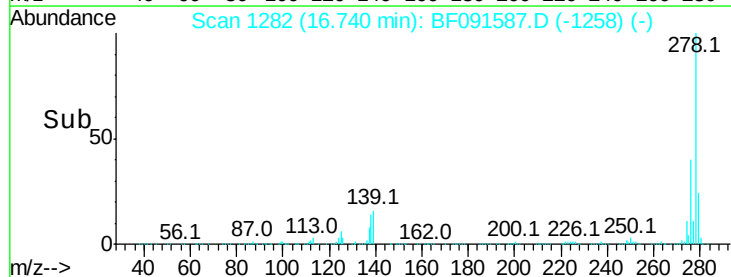
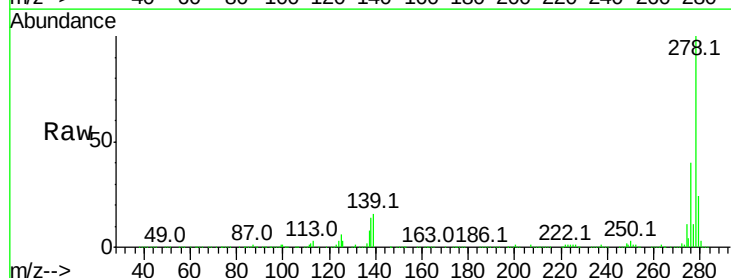
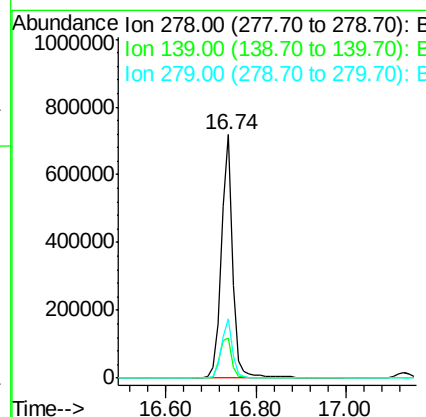
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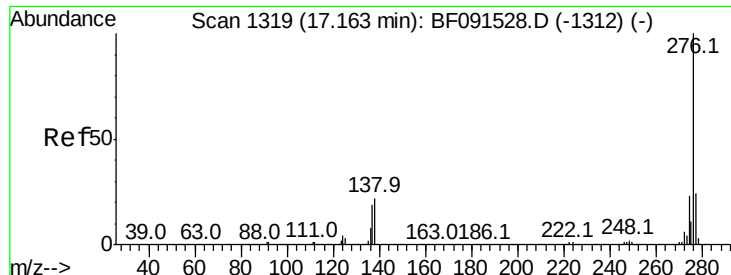
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#90
Dibenzo(a,h)anthracene
Concen: 37.79 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF091587.D
Acq: 14 Dec 2016 16:38

Tgt Ion:278 Resp: 1260624
Ion Ratio Lower Upper
278 100
139 16.3 15.1 22.7
279 24.2 19.0 28.6





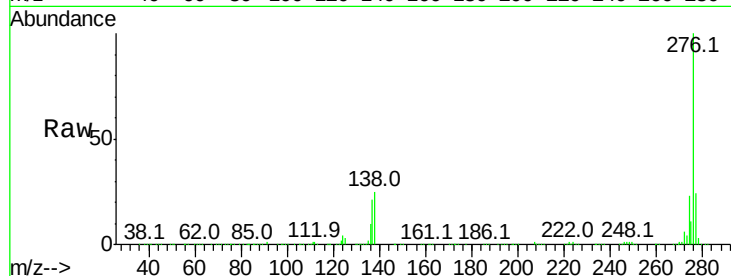
#91
 Benzo(a,h,i)perylene
 Concen: 38.17 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. -0.03 min
 Lab File: BF091587.D
 Acq: 14 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	25.1	15.4	23.0

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

