

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091530.D
 Acq On : 9 Dec 2016 16:12
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

sohil
 12/12/2016 6:49:37 PM

Quant Time: Dec 09 17:37:59 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 15:51:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	283331	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1068626	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	537923	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	845981	20.00	ng	0.00
75) Chrysene-d12	13.96	240	486418	20.00	ng	0.00
86) Perylene-d12	15.38	264	507799	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1697474	97.87	ng	0.00
7) Phenol-d6	6.46	99	2293294	107.42	ng	0.01
23) Nitrobenzene-d5	7.39	82	2337614	122.59	ng	0.01
41) 2,4,6-Tribromophenol	10.65	330	524241	102.94	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	3288089	110.68	ng	0.00
78) Terphenyl-d14	12.92	244	2588533	115.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	487476	62.13	ng	# 86
3) Pyridine	3.10	79	1417070	63.82	ng	# 81
4) n-Nitrosodimethylamine	3.07	42	582518	50.00	ng	# 70
6) Aniline	6.49	93	1469592	51.82	ng	# 65
8) 2-Chlorophenol	6.60	128	968216	50.92	ng	90
10) Phenol	6.48	94	1411531	56.19	ng	89
11) bis(2-Chloroethyl)ether	6.56	93	920460	51.28	ng	92
12) 1,3-Dichlorobenzene	6.76	146	1137392	53.77	ng	95
13) 1,4-Dichlorobenzene	6.83	146	1045734	49.70	ng	95
14) 1,2-Dichlorobenzene	6.99	146	1021167	52.11	ng	97
15) Benzyl Alcohol	6.97	79	916000	53.61	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1597672	41.39	ng	81
17) 2-Methylphenol	7.08	107	826503	54.99	ng	# 75
18) Hexachloroethane	7.33	117	448265	60.00	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	643705	47.86	ng	# 84
20) 3+4-Methylphenols	7.24	107	1005411	54.79	ng	# 77
22) Acetophenone	7.23	105	1367988	54.01	ng	# 89
24) Nitrobenzene	7.40	77	1029534	52.74	ng	92
25) Isophorone	7.65	82	2020958	59.82	ng	98
26) 2-Nitrophenol	7.72	139	581565	65.37	ng	# 82
27) 2,4-Dimethylphenol	7.77	122	951900	57.19	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	1155655	56.83	ng	99
29) 2,4-Dichlorophenol	7.96	162	758958	51.84	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	839261	51.13	ng	99
31) Naphthalene	8.12	128	2612107	51.43	ng	99
32) Benzoic acid	7.90	122	670871	54.68	ng	93
33) 4-Chloroaniline	8.18	127	1262770	58.16	ng	96
34) Hexachlorobutadiene	8.25	225	506758	50.21	ng	98
35) Caprolactam	8.57	113	254990	60.59	ng	# 42
36) 4-Chloro-3-methylphenol	8.66	107	827539	52.35	ng	97
37) 2-Methylnaphthalene	8.82	142	1856294	53.80	ng	98
40) Hexachlorocyclopentadiene	8.97	237	392552	55.85	ng	98
42) 2,4,6-Trichlorophenol	9.09	196	539222	54.71	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	549197	55.61	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.28	154	2126931	54.99	nq	99
46) 2-Chloronaphthalene	9.30	162	1624826	56.41	nq	97
47) 2-Nitroaniline	9.40	65	635410	61.42	nq	92
48) Acenaphthylene	9.72	152	2659593	58.65	nq	99
49) Dimethylphthalate	9.58	163	1736464	53.31	nq	97
50) 2,6-Dinitrotoluene	9.64	165	384309	52.79	nq	94
51) Acenaphthene	9.89	154	1807375	59.09	nq	98
52) 3-Nitroaniline	9.81	138	471483	55.95	nq	94
53) 2,4-Dinitrophenol	9.92	184	233578	73.37	nq #	86
54) Dibenzofuran	10.06	168	2238680	54.67	nq	97
55) 4-Nitrophenol	9.97	139	335948	55.20	nq	93
56) 2,4-Dinitrotoluene	10.04	165	497125	52.64	nq #	54
57) Fluorene	10.41	166	1697539	53.99	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	424715m	50.36	nq	
59) Diethylphthalate	10.28	149	1759065	54.71	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	726075	46.04	nq #	81
61) 4-Nitroaniline	10.43	138	514032	64.96	nq	92
62) Azobenzene	10.56	77	2087102	63.62	nq	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	305122	65.47	nq #	64
65) n-Nitrosodiphenylamine	10.52	169	1519485	59.24	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	521467	57.35	nq #	86
67) Hexachlorobenzene	10.94	284	489528	49.82	nq #	68
68) Atrazine	11.05	200	476382	57.35	nq	98
69) Pentachlorophenol	11.14	266	304841	52.70	nq	96
70) Phenanthrene	11.36	178	2231778	50.77	nq	98
71) Anthracene	11.41	178	2520475	57.77	nq	99
72) Carbazole	11.56	167	2050168	51.79	nq	99
73) Di-n-butylphthalate	11.90	149	2667486	59.45	nq	99
74) Fluoranthene	12.54	202	2363547	56.76	nq	98
76) Benzidine	12.67	184	887465	62.15	nq	98
77) Pyrene	12.77	202	2499309	67.71	nq	99
79) Butylbenzylphthalate	13.39	149	1005083	72.71	nq	85
80) Benzo(a)anthracene	13.95	228	1662066	58.43	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	605025	60.38	nq #	99
82) Chrysene	14.00	228	1853170	65.84	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	1254304	71.59	nq #	95
84) Di-n-octyl phthalate	14.57	149	2092977	78.94	nq #	92
85) Indeno(1,2,3-cd)pyrene	16.75	276	1721994	66.81	nq	100
87) Benzo(b)fluoranthene	14.98	252	1709196	54.15	nq	98
88) Benzo(k)fluoranthene	15.00	252	1469852m	55.38	nq	
89) Benzo(a)pyrene	15.32	252	1509282	53.25	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	1430630	54.57	nq	97
91) Benzo(g,h,i)perylene	17.17	276	1511496	55.92	nq	98

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

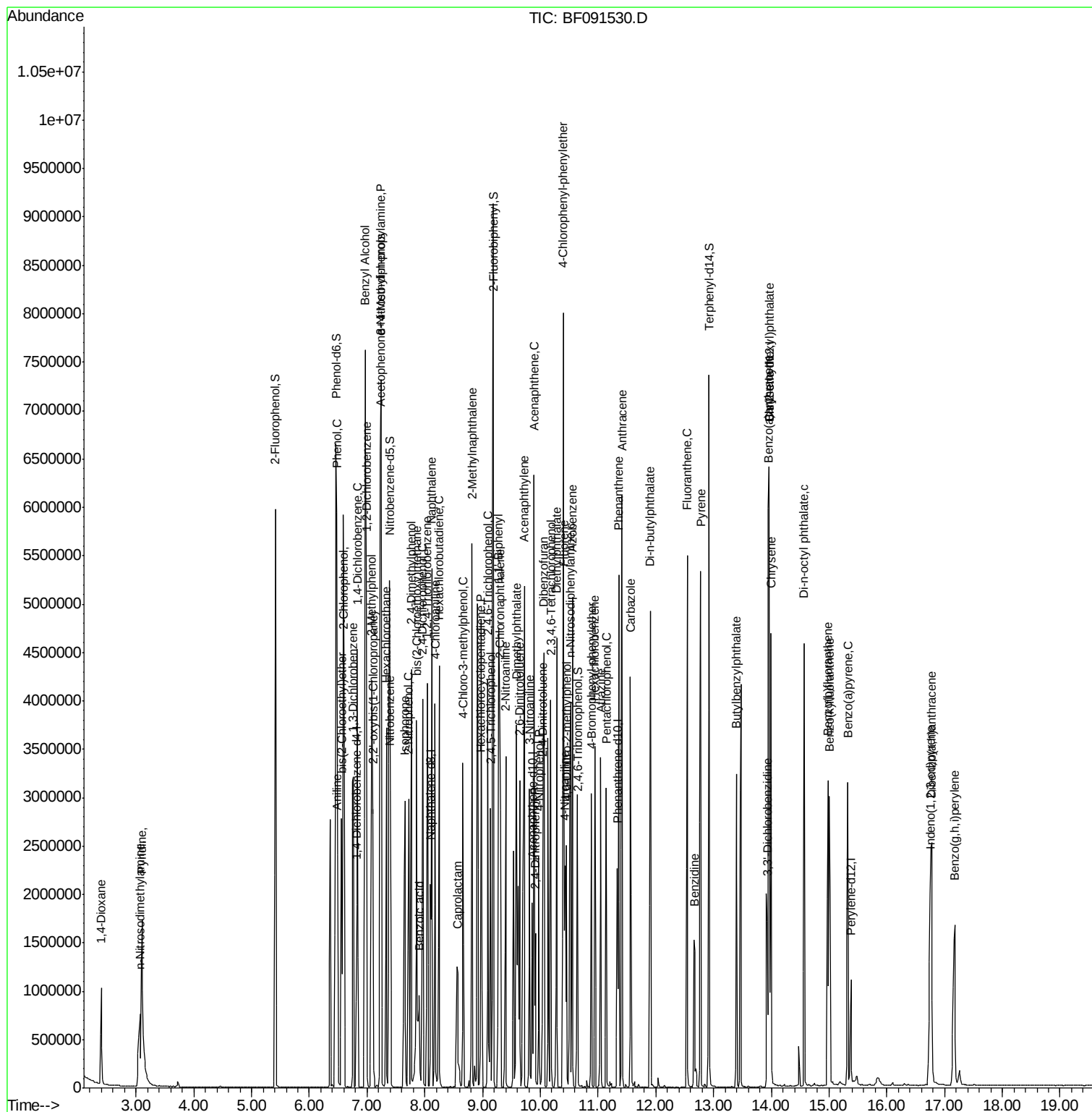
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Operator  : UM/SJ  
Sample    : SSTDICC060  
Misc      :  
ALS Vial  : 7 Sample Multiplier: 1
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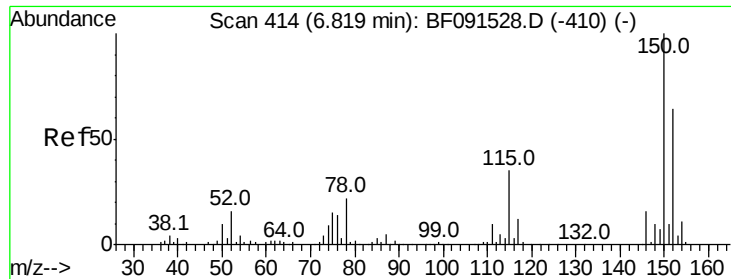
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

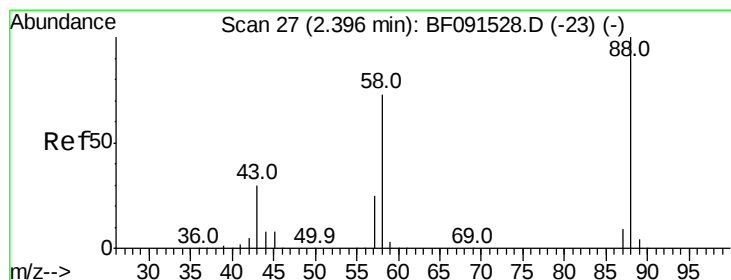
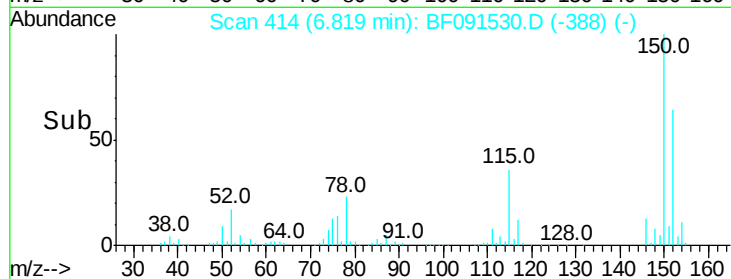
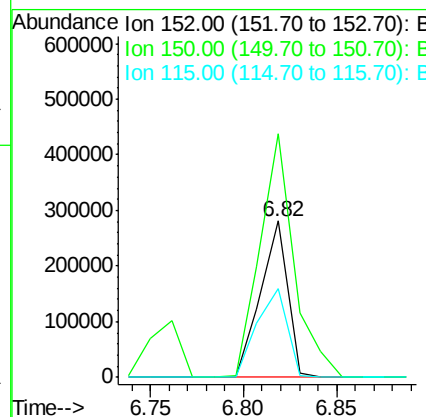
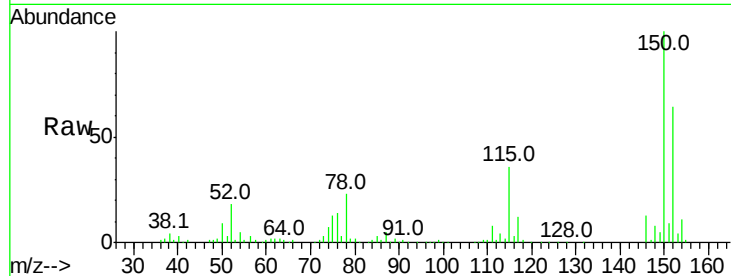
ClientSampleId :

SSTDICC060

Tot Ion:	152	Resp:	283331
Ion Ratio	Lower	Upper	
152	100		
150	155.7	122.5	183.7
115	56.5	51.8	77.8

Manual Integrations
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#2

1,4-Dioxane

Concen: 62.13 ng

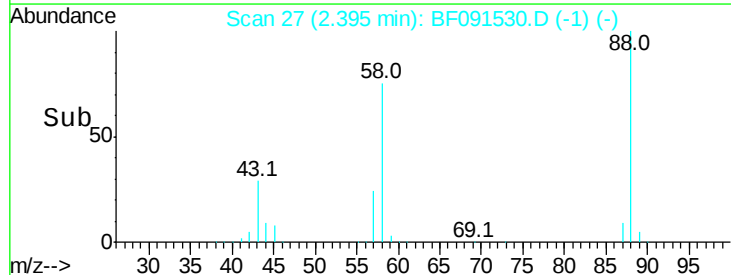
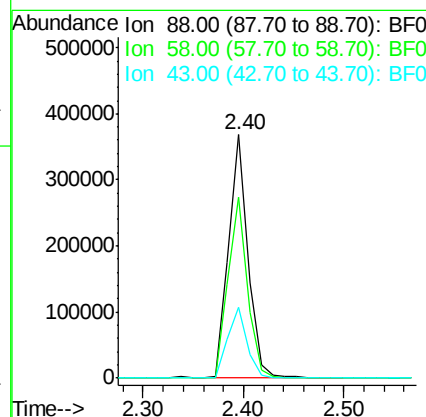
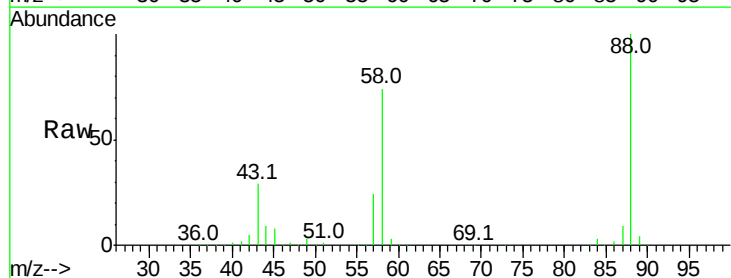
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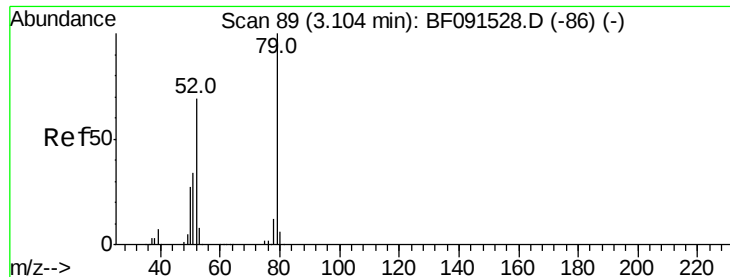
Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Tgt Ion:	88	Resp:	487476
Ion Ratio	Lower	Upper	
88	100		
58	75.0	70.3	105.5
43	29.7	31.3	46.9#





#3

Pvridine

Concen: 63.82 ng

RT: 3.10 min Scan# 89

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 1417070

Ion Ratio Lower Upper

79 100

52 69.9 71.0 106.4#

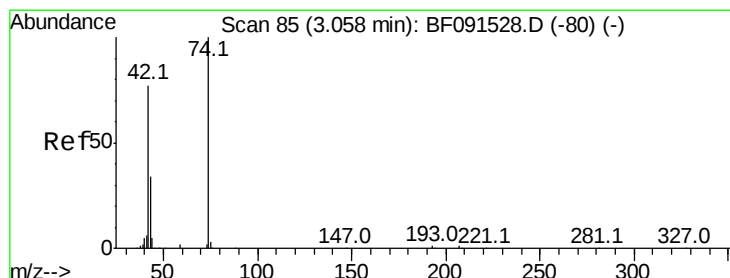
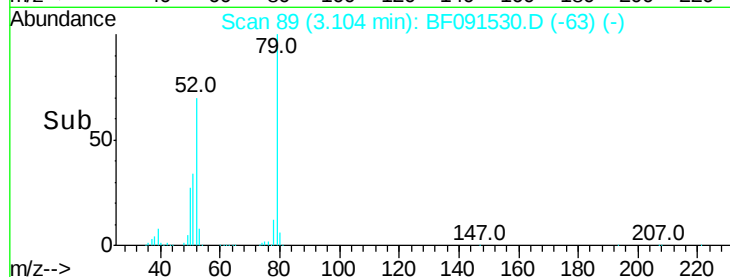
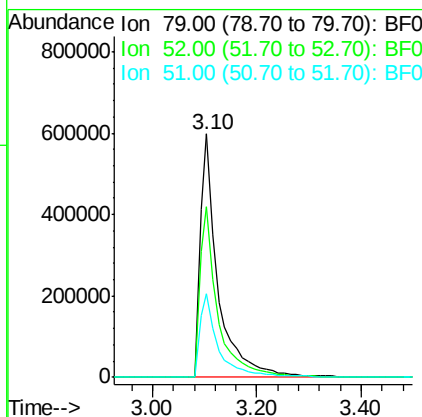
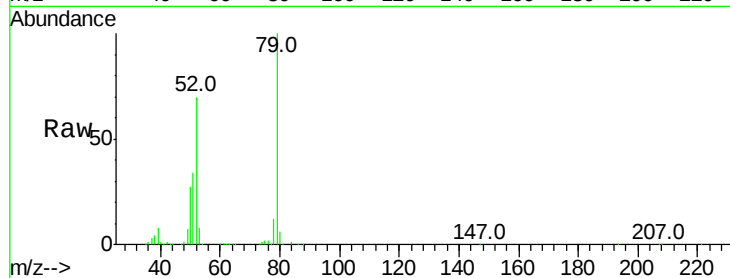
51 34.5 37.0 55.4#

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#4

n-Nitrosodimethylamine

Concen: 50.00 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

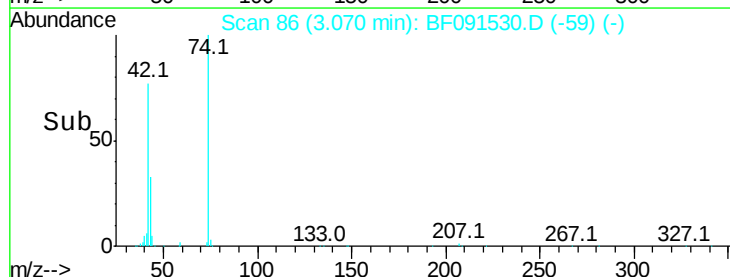
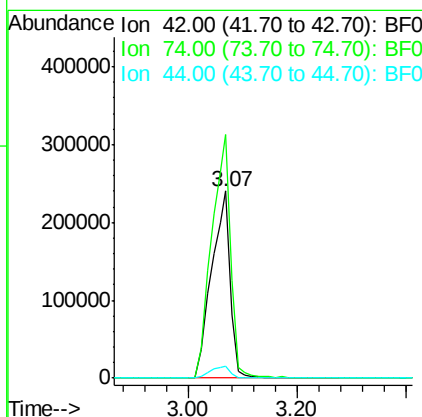
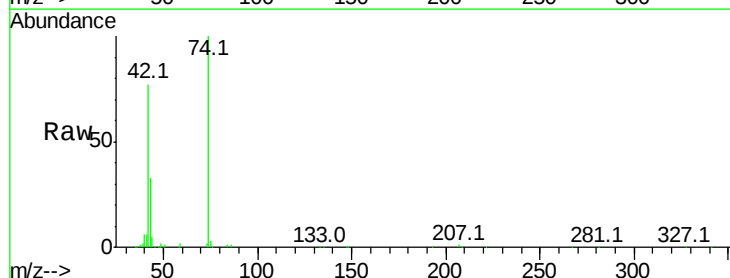
Tgt Ion: 42 Resp: 582518

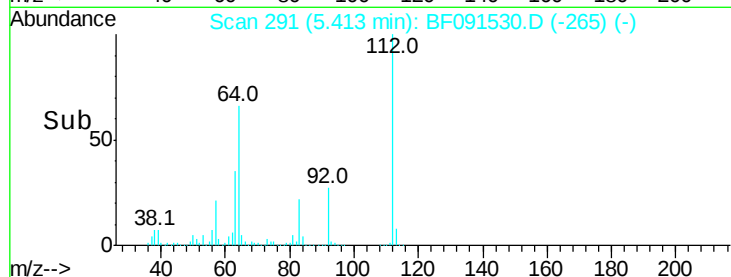
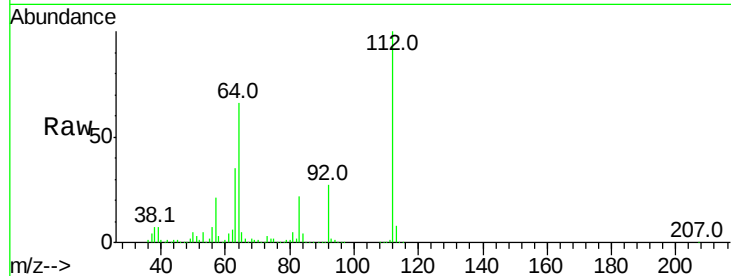
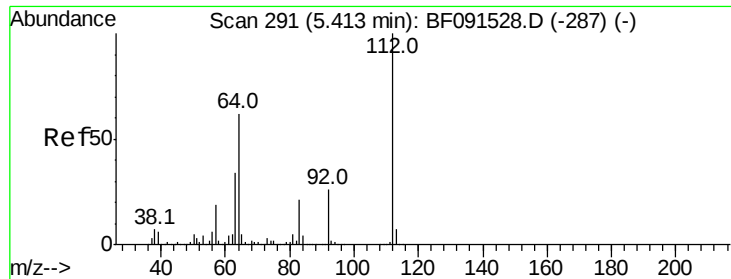
Ion Ratio Lower Upper

42 100

74 130.4 78.9 118.3#

44 6.4 5.8 8.6





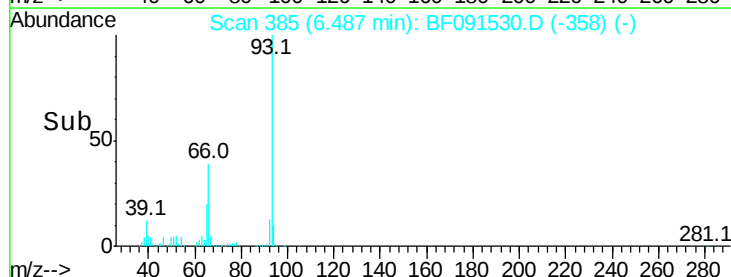
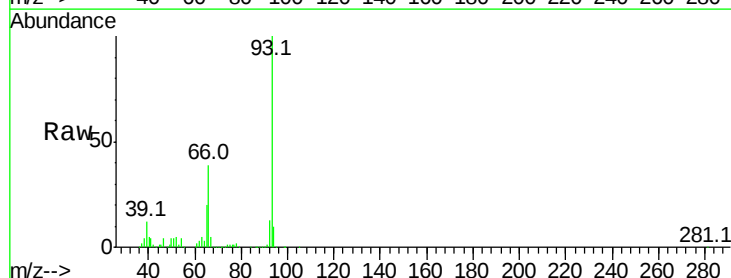
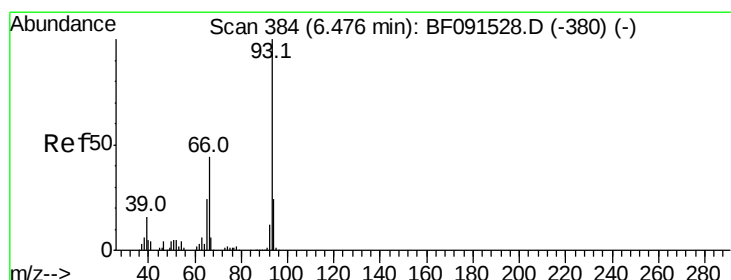
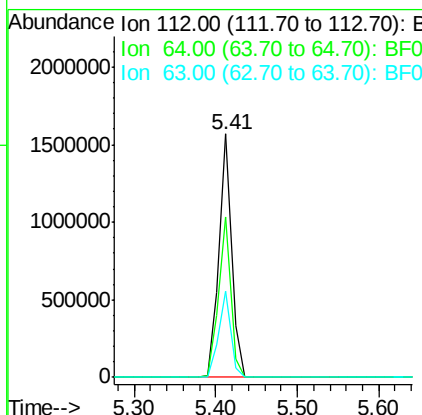
#5
2-Fluorophenol
Concen: 97.87 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tot Ion: 112 Resp: 1697474
Ion Ratio Lower Upper
112 100
64 66.0 61.5 92.3
63 35.5 33.3 49.9

Instrument :
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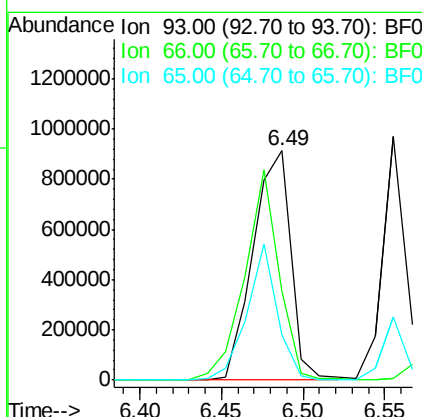
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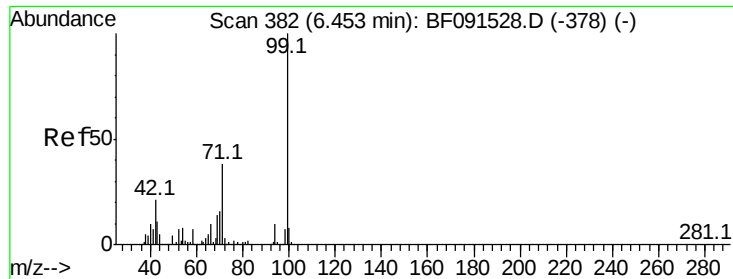
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#6
Aniline
Concen: 51.82 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion: 93 Resp: 1469592
Ion Ratio Lower Upper
93 100
66 38.8 55.8 83.6#
65 19.7 29.9 44.9#





#7

Phenol-d6

Concen: 107.42 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 99 Resp: 2293294

Ion Ratio Lower Upper

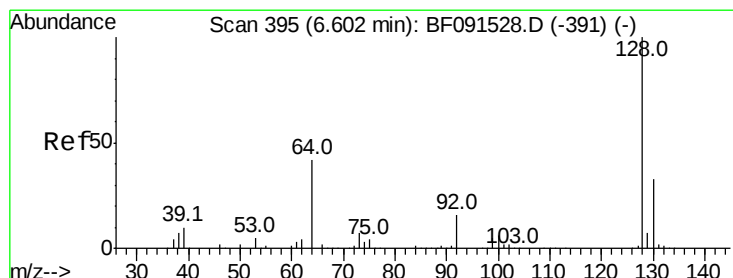
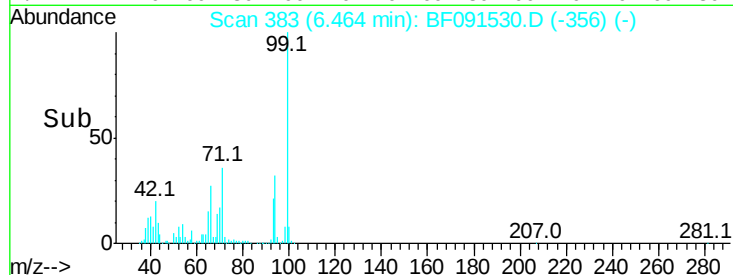
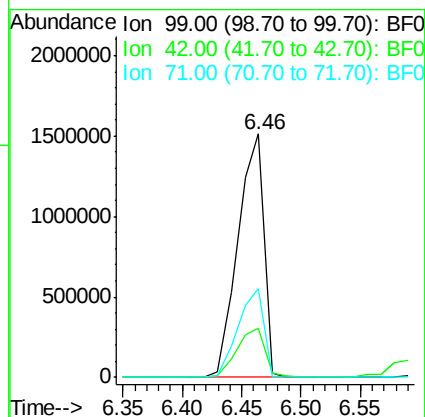
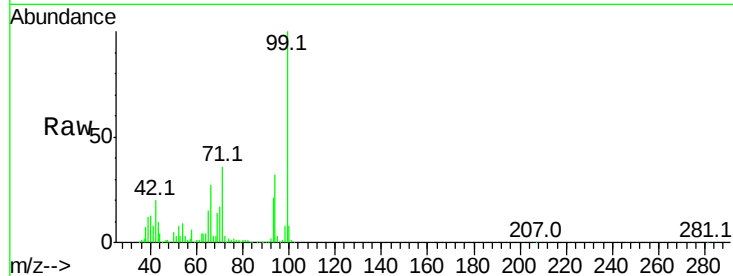
99 100

42 19.9 20.6 31.0#

71 36.3 29.9 44.9

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#8

2-Chlorophenol

Concen: 50.92 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

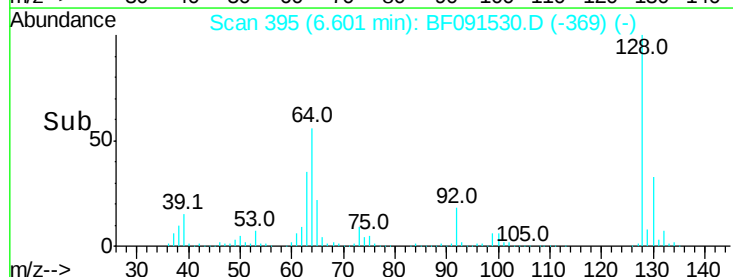
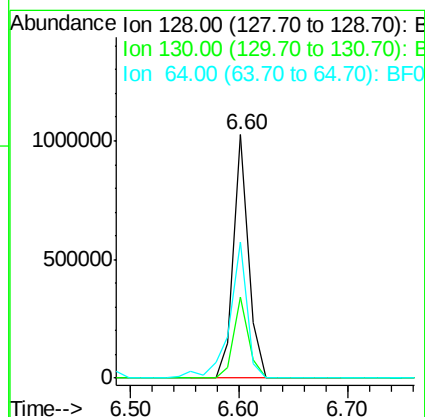
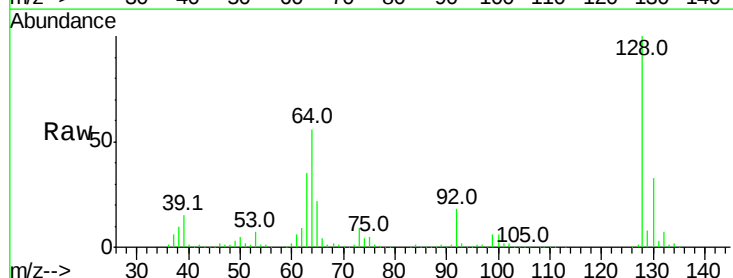
Tgt Ion: 128 Resp: 968216

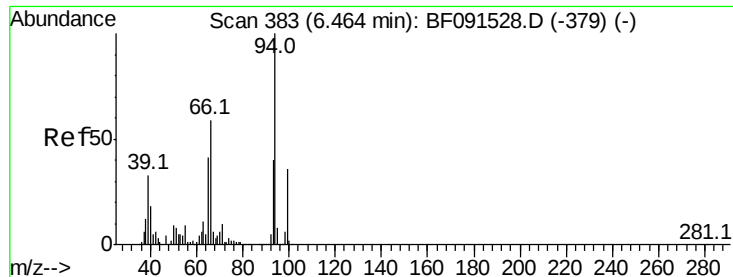
Ion Ratio Lower Upper

128 100

130 33.1 13.1 53.1

64 55.7 24.1 64.1





#10

Phenol

Concen: 56.19 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 94 Resp: 1411531

Ion Ratio Lower Upper

94 100

65 39.8 16.9 56.9

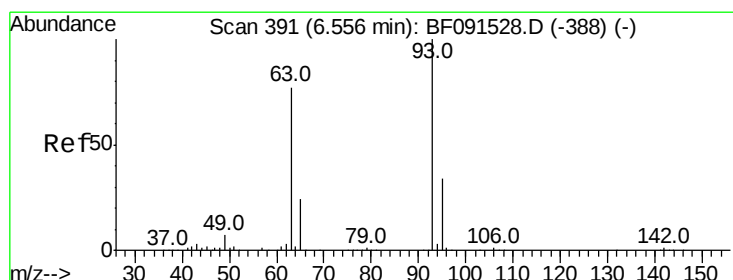
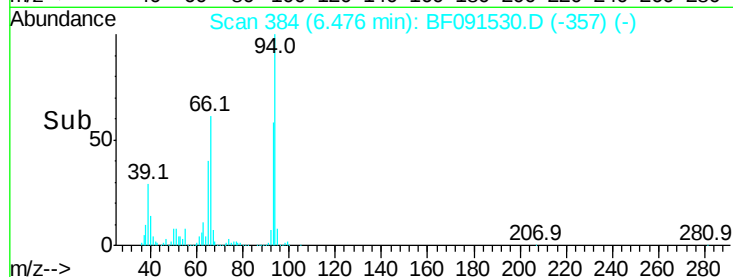
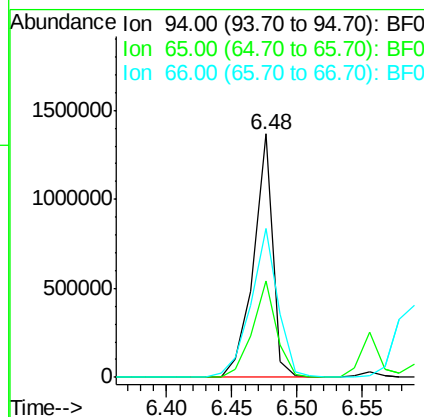
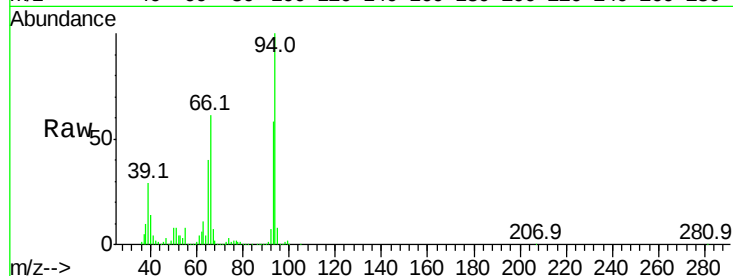
66 61.1 30.6 70.6

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#11

bis(2-Chloroethyl)ether

Concen: 51.28 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

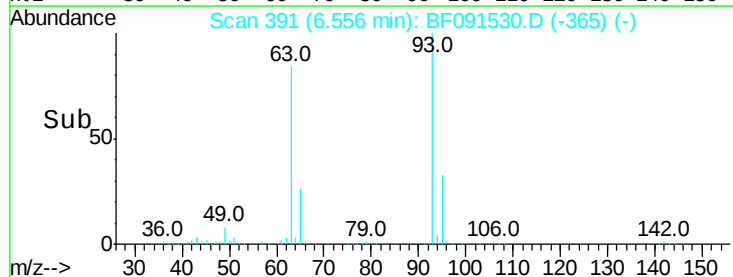
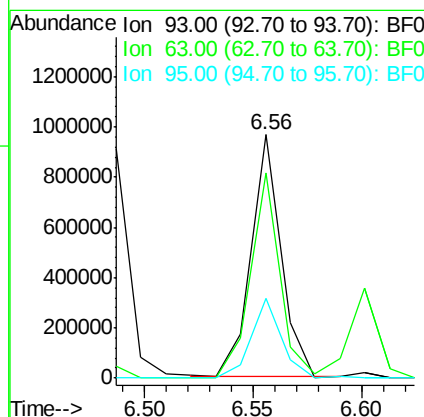
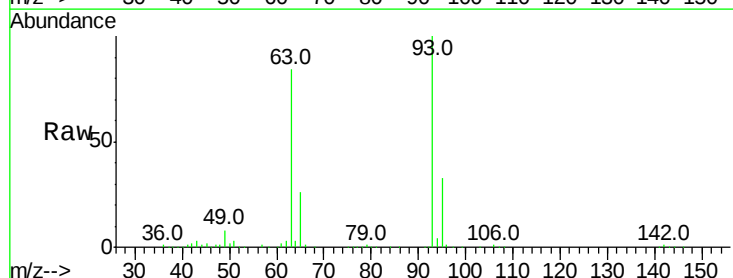
Tgt Ion: 93 Resp: 920460

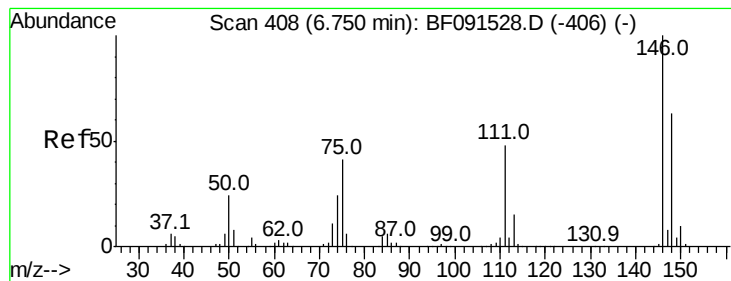
Ion Ratio Lower Upper

93 100

63 84.3 74.8 114.8

95 32.7 12.4 52.4





#12

1,3-Dichlorobenzene

Concen: 53.77 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:146 Resp: 1137392

Ion Ratio Lower Upper

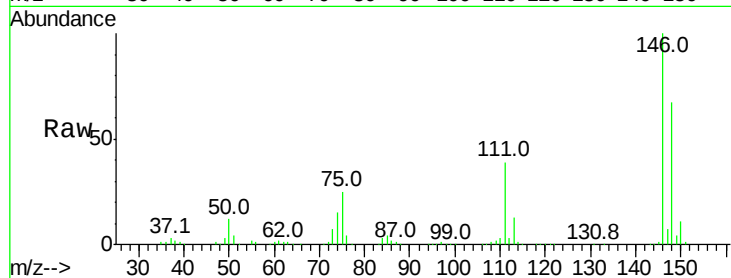
146 100

148 66.6 51.4 77.0

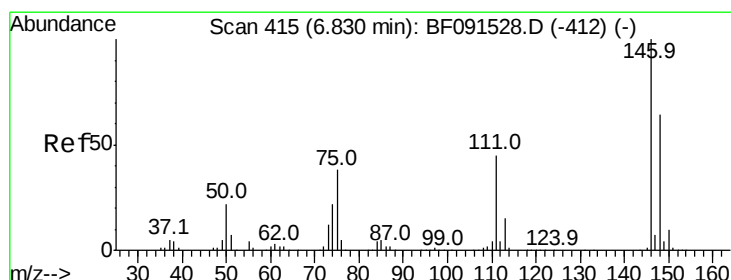
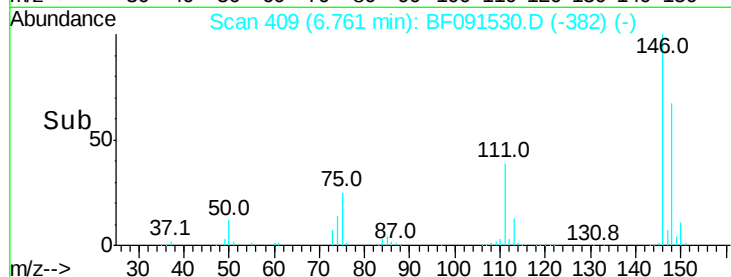
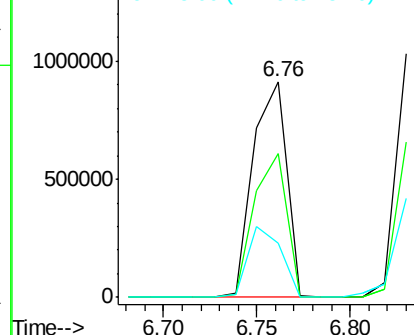
75 25.0 23.6 35.4

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 49.70 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

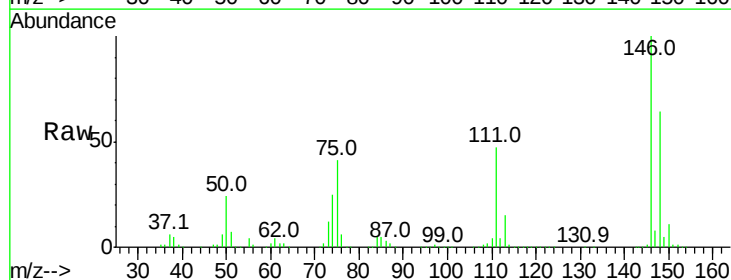
Tgt Ion:146 Resp: 1045734

Ion Ratio Lower Upper

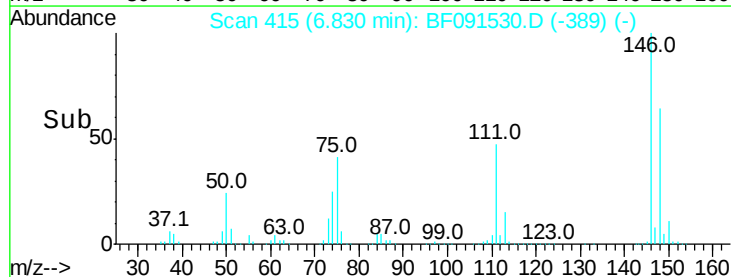
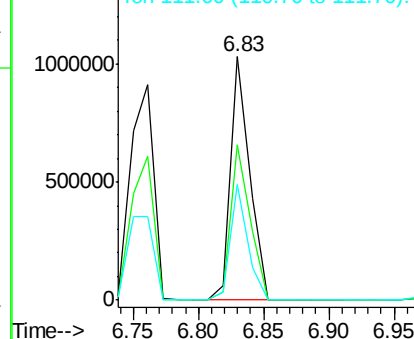
146 100

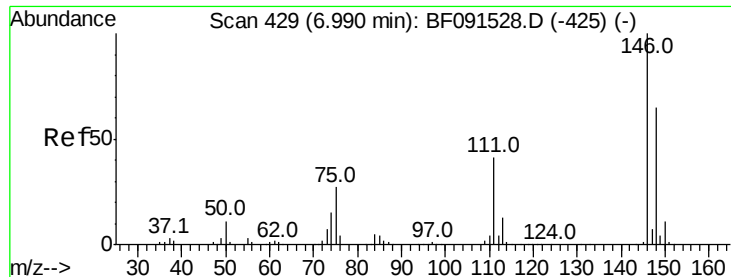
148 63.5 51.4 77.0

111 47.5 32.2 48.2



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





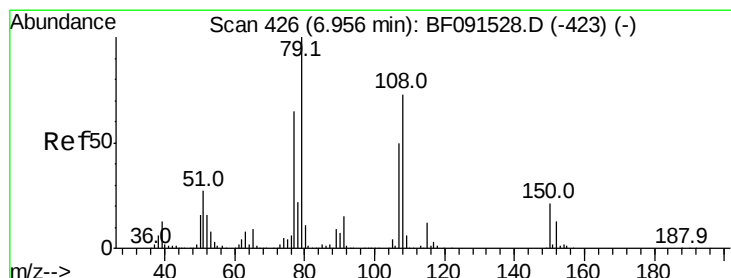
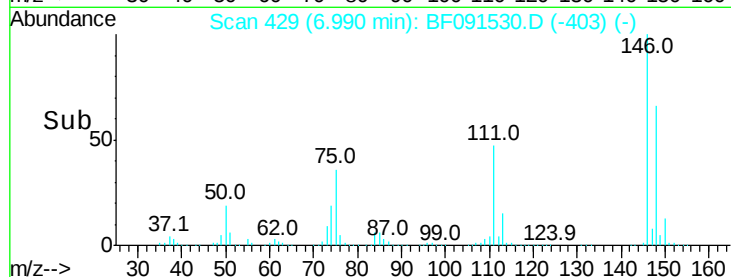
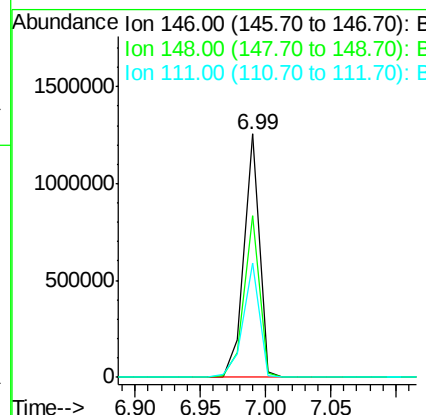
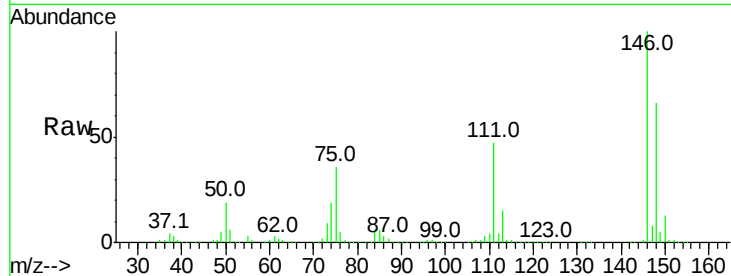
#14
 1,2-Dichlorobenzene
 Concen: 52.11 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:146 Resp: 1021167
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.0 76.6
 111 46.8 38.9 58.3

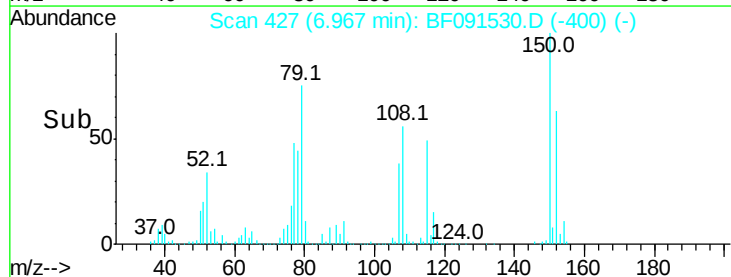
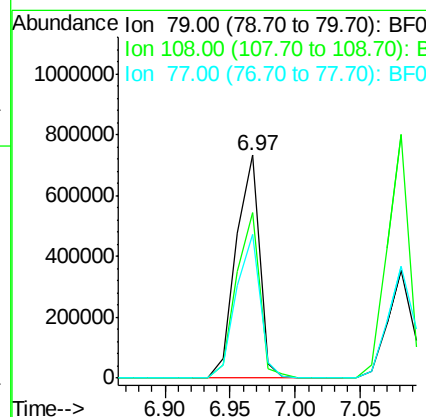
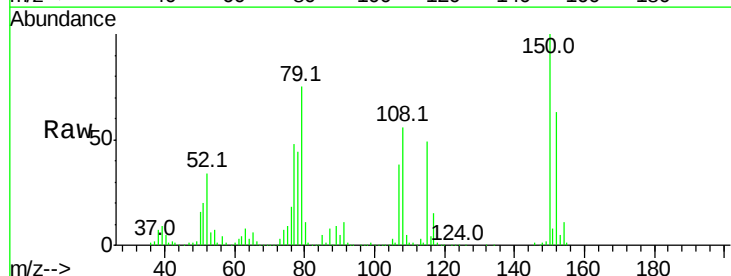
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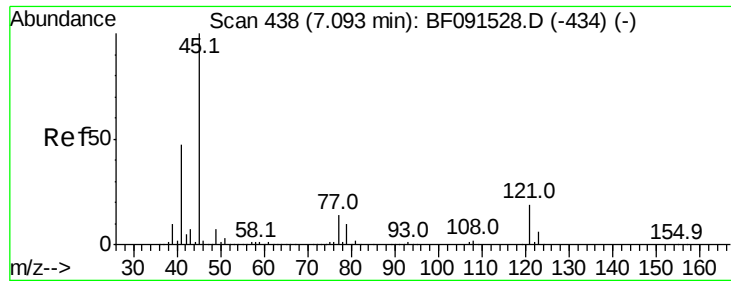
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#15
 Benzyl Alcohol
 Concen: 53.61 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.01 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Tgt Ion: 79 Resp: 916000
 Ion Ratio Lower Upper
 79 100
 108 74.4 62.7 94.1
 77 64.4 51.7 77.5





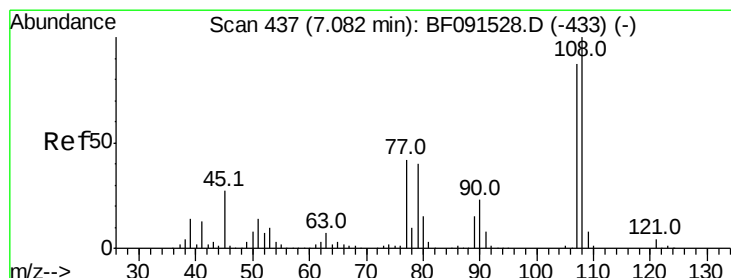
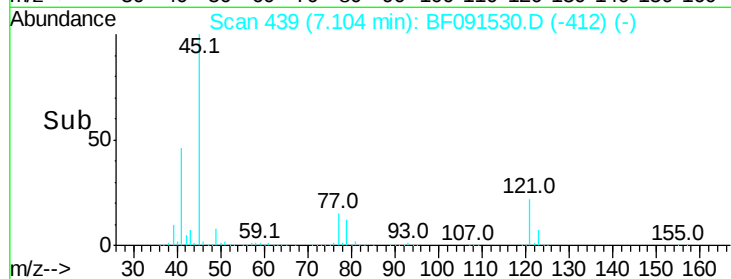
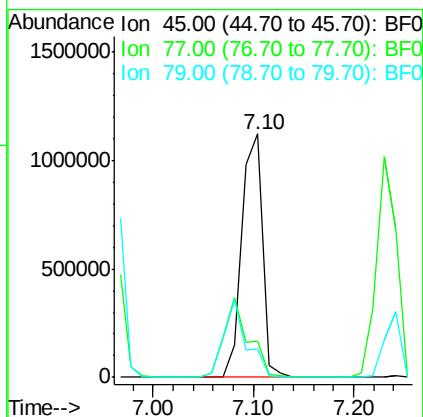
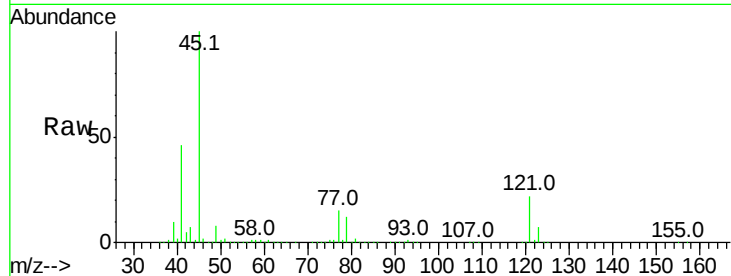
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 41.39 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion: 45 Resp: 1597672
Ion Ratio Lower Upper
45 100
77 14.7 3.8 43.8
79 11.5 0.2 40.2

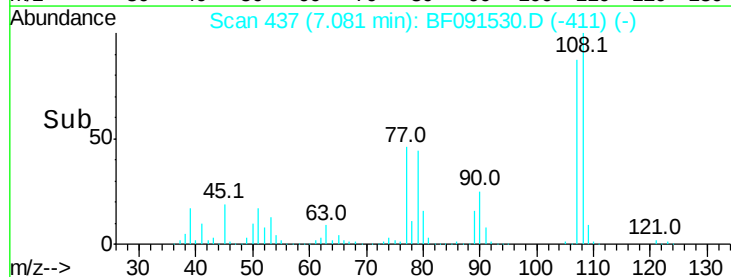
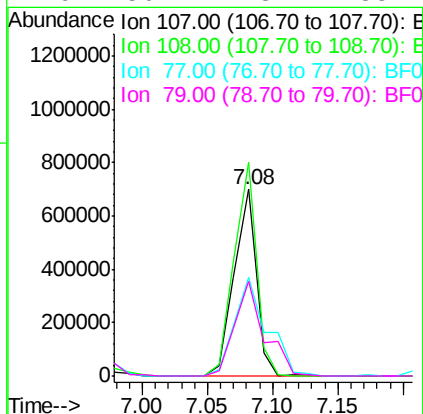
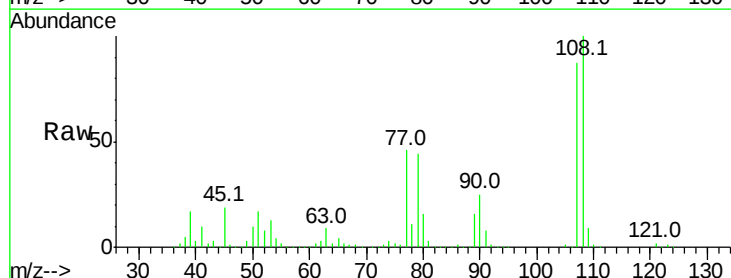
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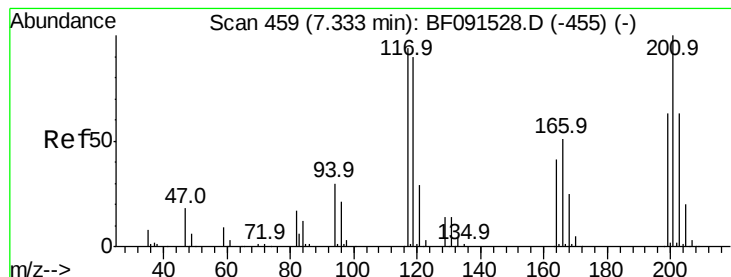
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#17
2-Methylphenol
Concen: 54.99 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion:107 Resp: 826503
Ion Ratio Lower Upper
107 100
108 114.3 67.7 101.5#
77 52.5 40.7 61.1
79 50.7 23.4 35.2#





#18

Hexachloroethane

Concen: 60.00 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:117 Resp: 448265

Ion Ratio Lower Upper

117 100

119 96.1 78.6 118.0

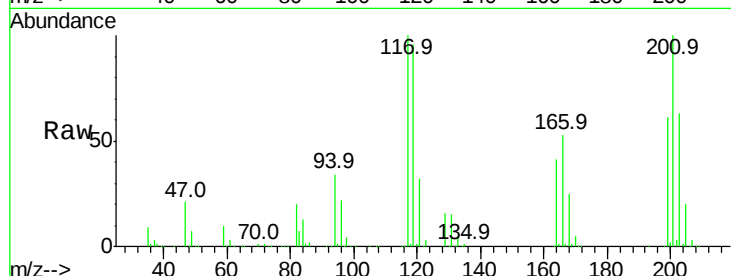
201 100.1 86.7 130.1

Manual Integrations

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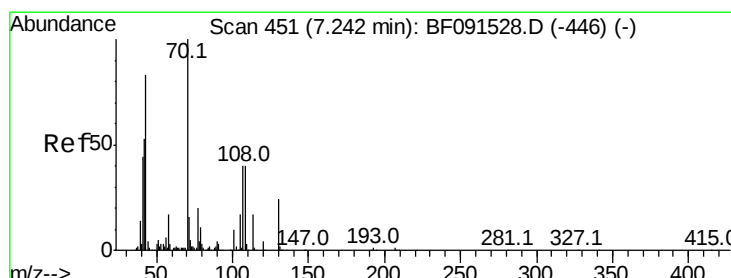
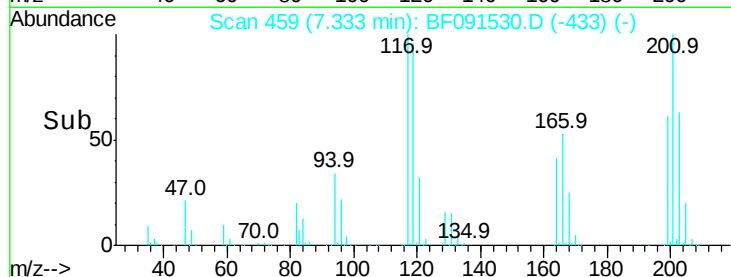
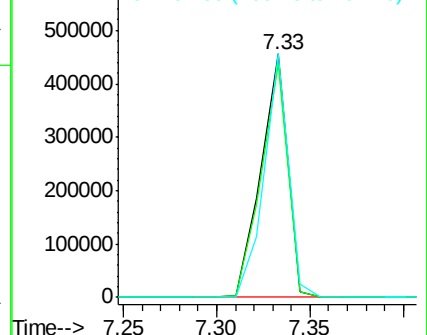
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Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 47.86 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Tgt Ion: 70 Resp: 643705

Ion Ratio Lower Upper

70 100

42 64.5 64.8 97.2#

101 8.7 6.2 9.4

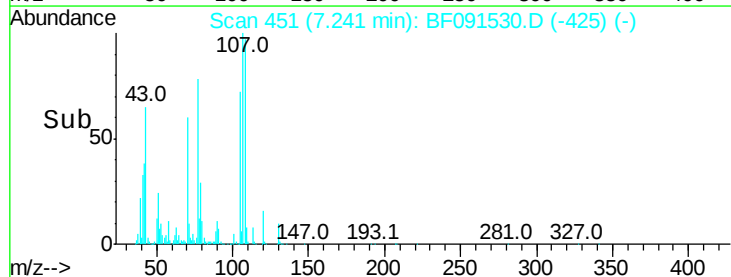
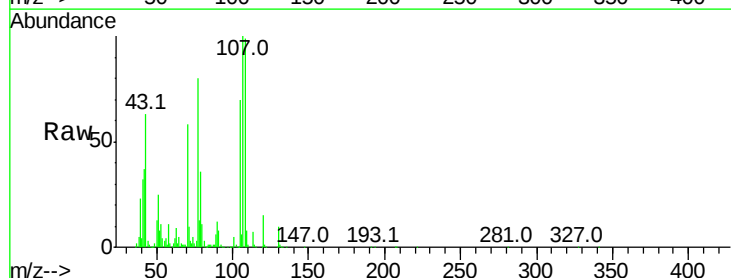
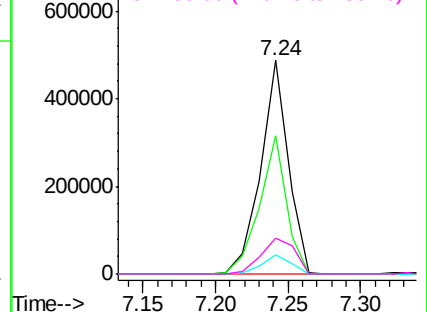
130 17.0 11.7 17.5

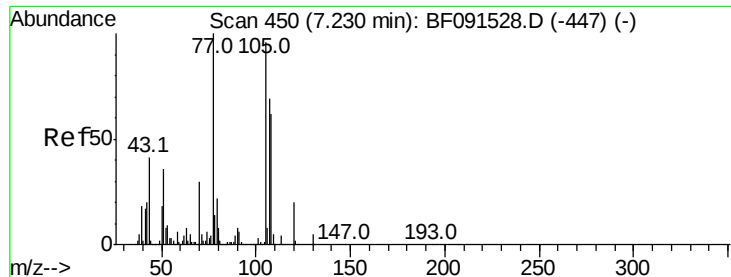
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





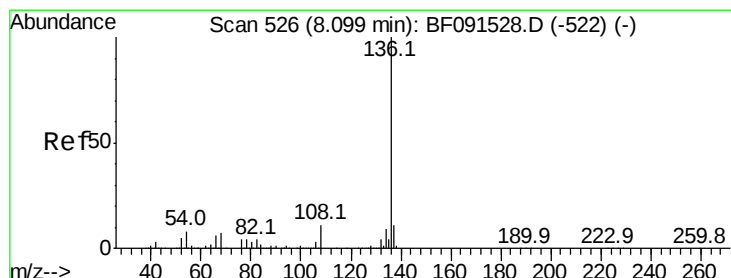
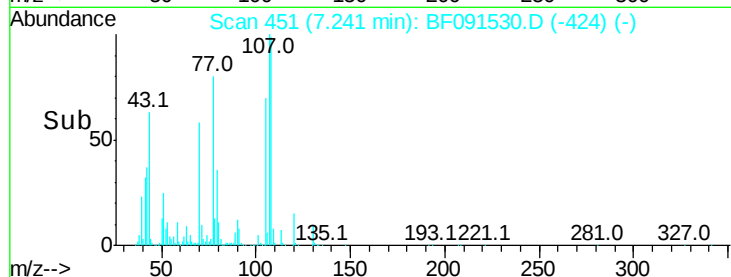
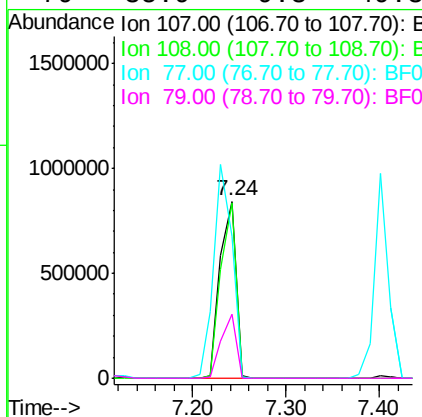
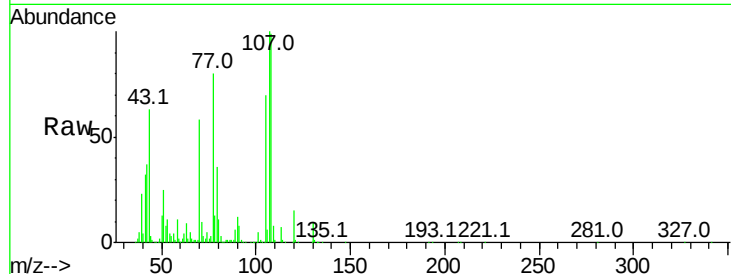
#20
3+4-Methylphenols
Concen: 54.79 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.01 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
107	100		
108	99.1	64.6	104.6
77	80.3	30.9	70.9
79	35.9	9.3	49.3

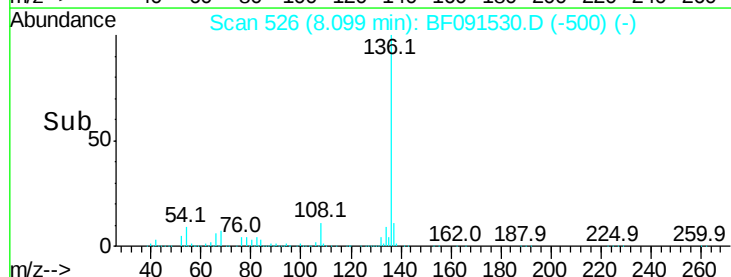
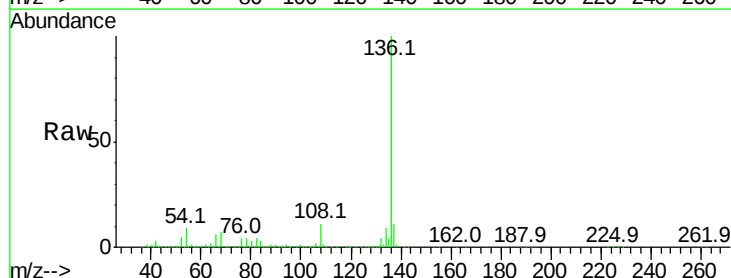
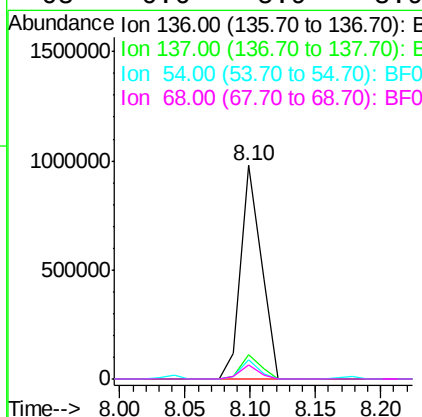
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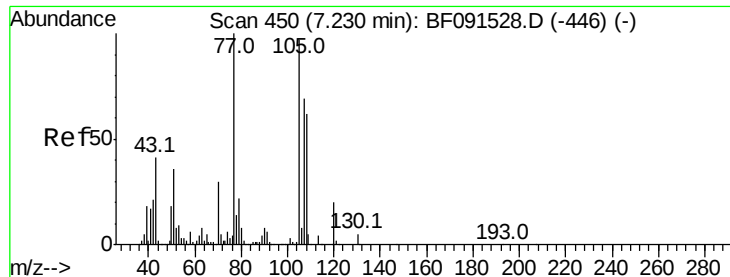
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.2	9.1	13.7
68	6.6	5.9	8.9





#22

Acetophenone

Concen: 54.01 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:105 Resp: 1367988

Ion Ratio Lower Upper

105 100

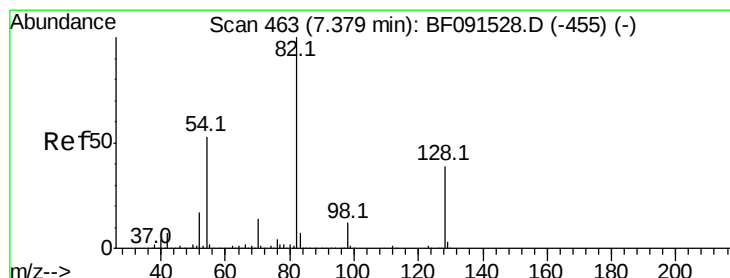
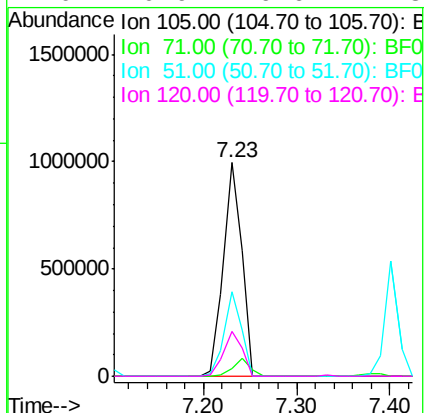
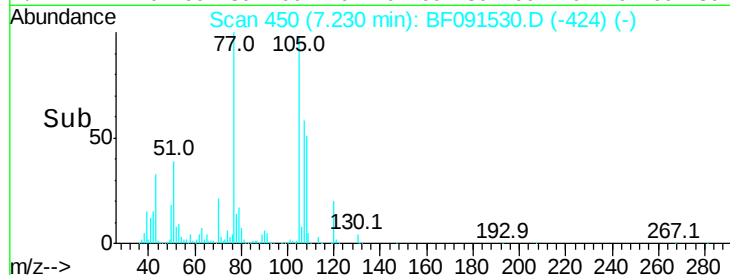
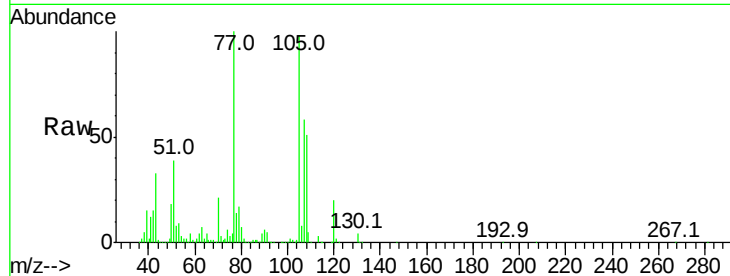
71 3.4 7.9 11.9#

51 39.8 24.5 36.7#

120 20.9 16.6 24.8

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#23

Nitrobenzene-d5

Concen: 122.59 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

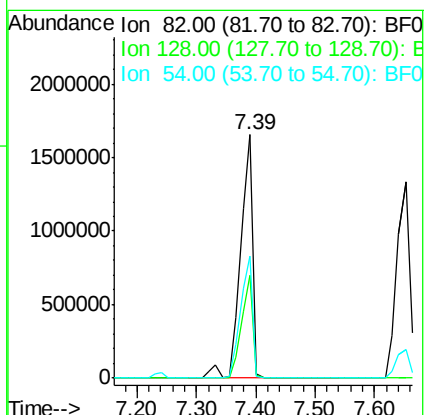
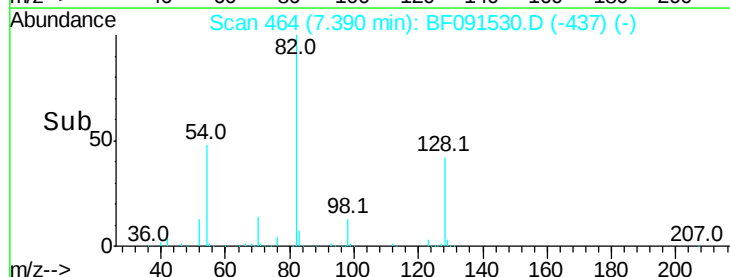
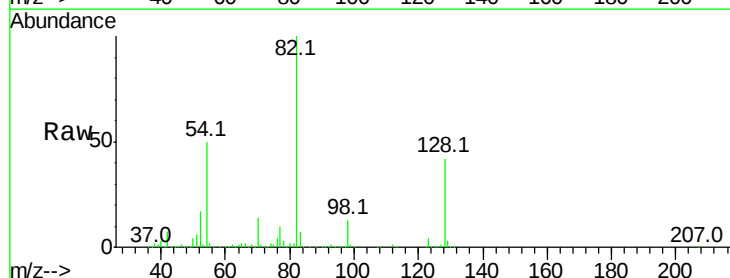
Tgt Ion: 82 Resp: 2337614

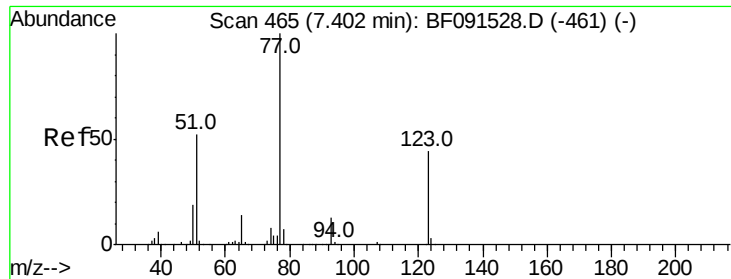
Ion Ratio Lower Upper

82 100

128 42.0 31.8 47.6

54 50.4 49.1 73.7





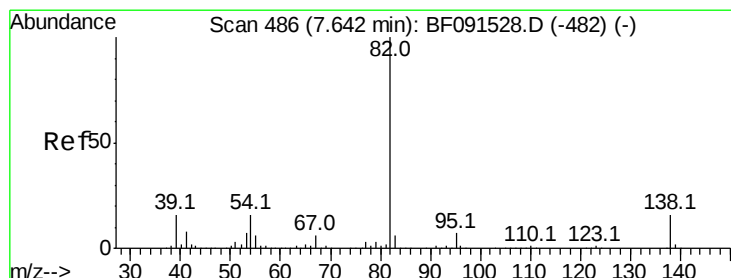
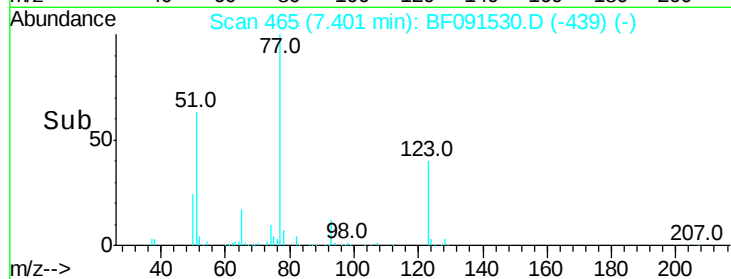
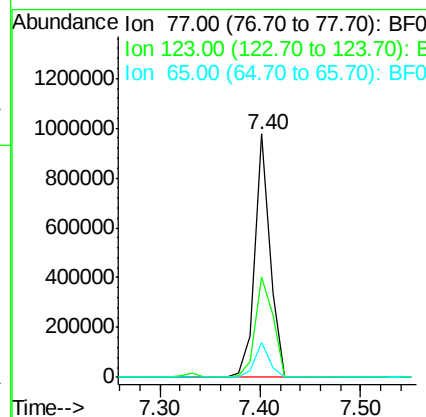
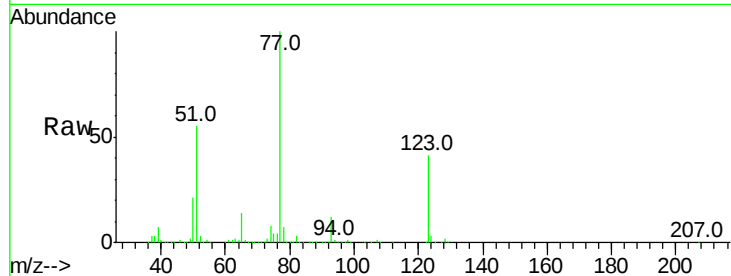
#24
Nitrobenzene
Concen: 52.74 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
77	100		
123	41.3	28.5	42.7
65	14.3	12.5	18.7

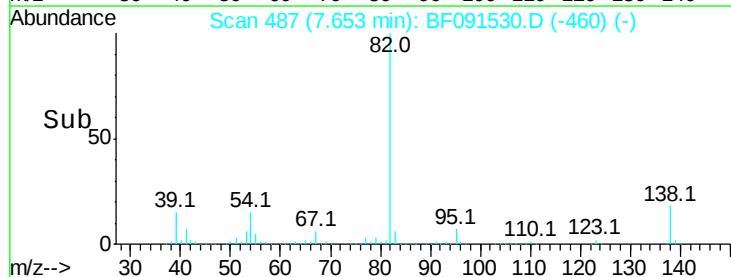
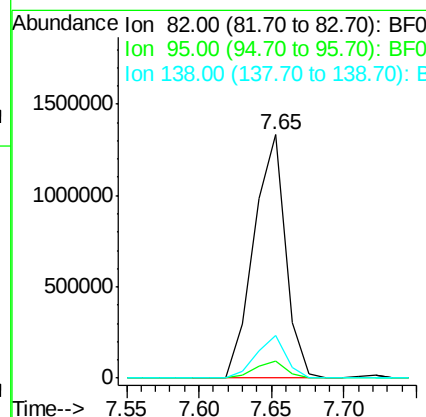
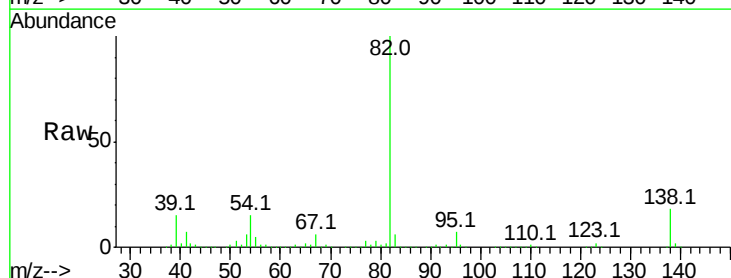
Manual Integrations
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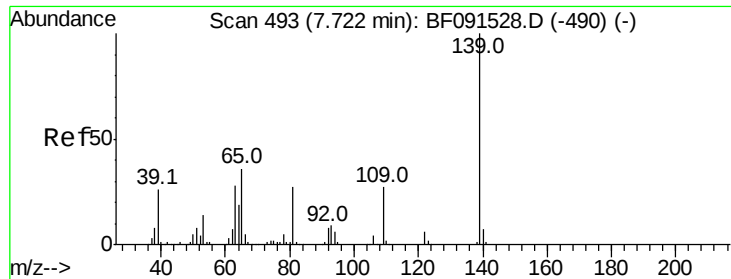
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#25
Isophorone
Concen: 59.82 ng
RT: 7.65 min Scan# 487
Delta R.T. 0.01 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	17.7	13.4	20.0





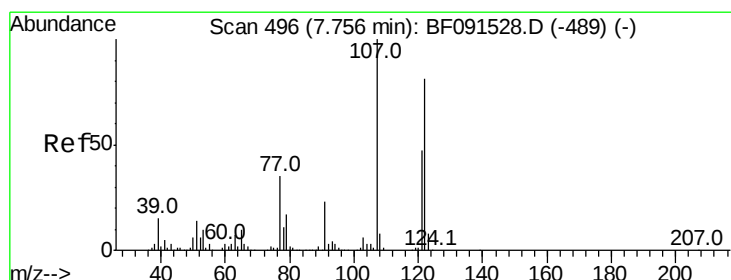
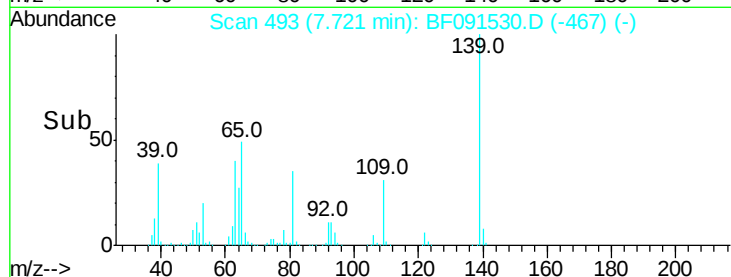
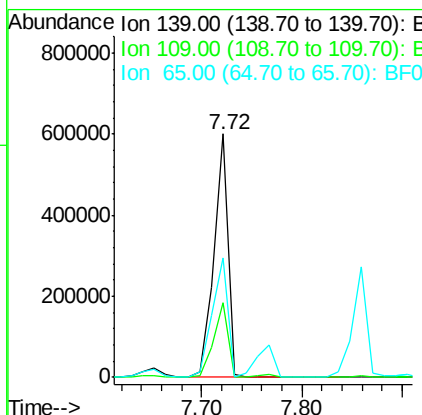
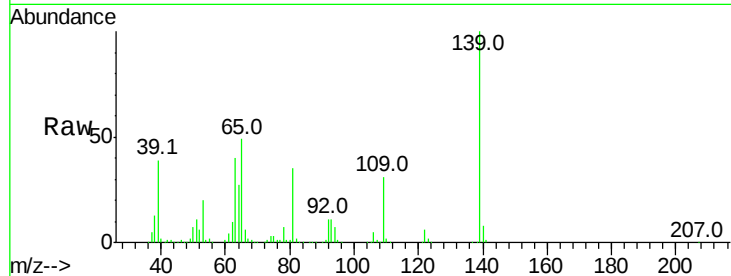
#26
2-Nitrophenol
Concen: 65.37 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.8	25.3	37.9	
65	48.9	55.4	83.2	

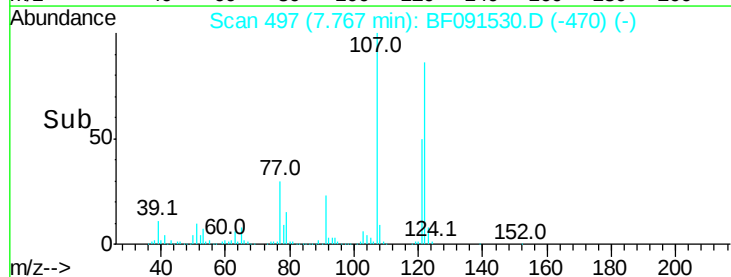
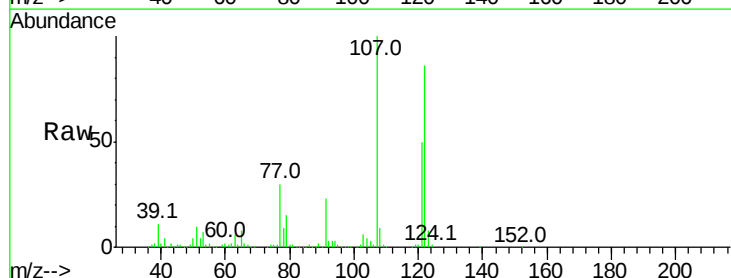
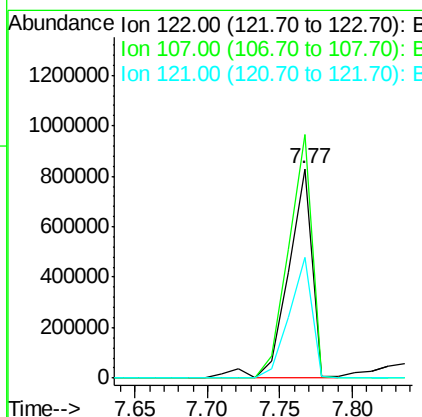
Manual Integrations
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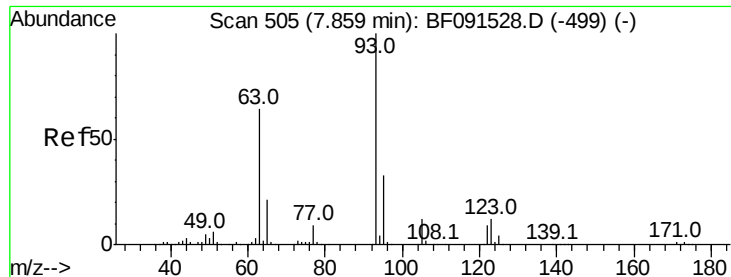
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#27
2,4-Dimethylphenol
Concen: 57.19 ng
RT: 7.77 min Scan# 497
Delta R.T. 0.01 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	116.4	96.8	145.2	
121	57.8	47.7	71.5	





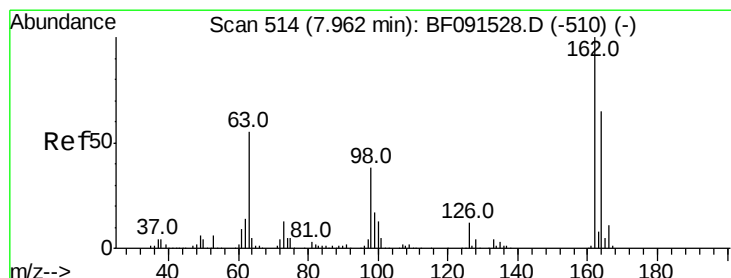
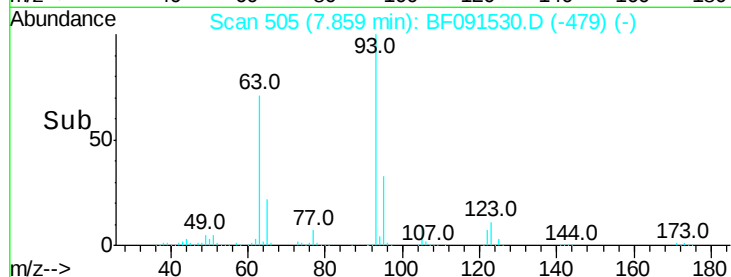
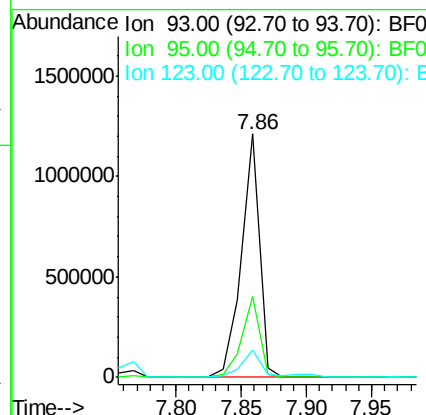
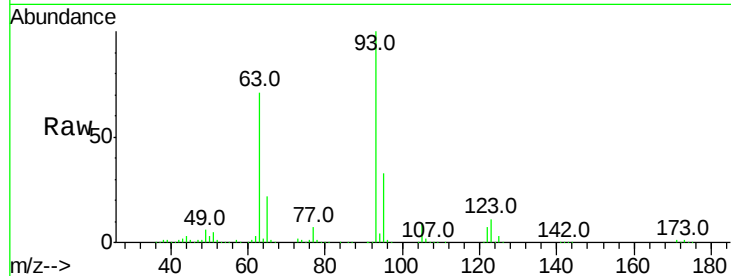
#28
bis(2-Chloroethoxy)methane
Concen: 56.83 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.0	39.0
123	11.3	8.6	12.8

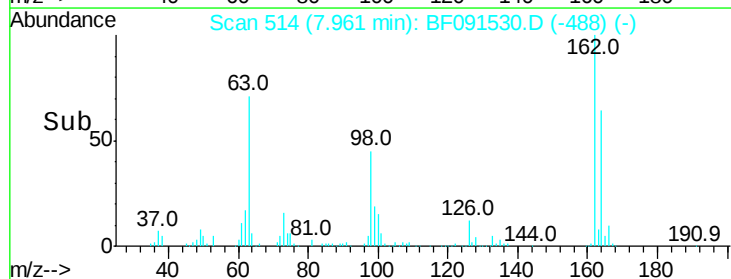
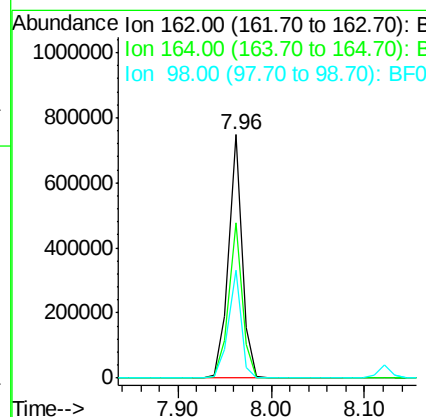
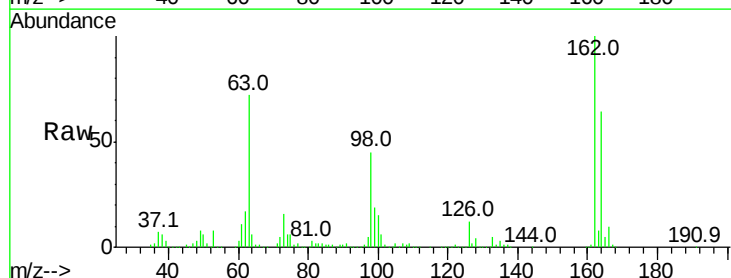
Manual Integrations
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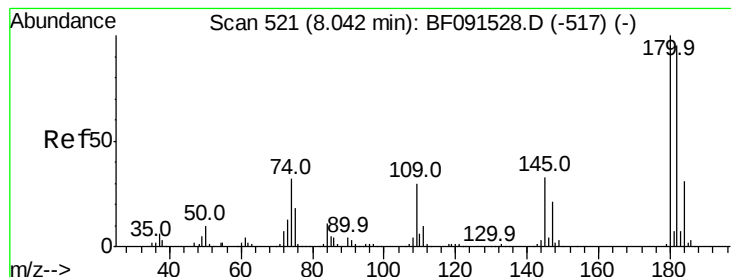
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#29
2,4-Dichlorophenol
Concen: 51.84 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	45.0	85.0
98	44.6	21.3	61.3





#30

1,2,4-Trichlorobenzene

Concen: 51.13 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

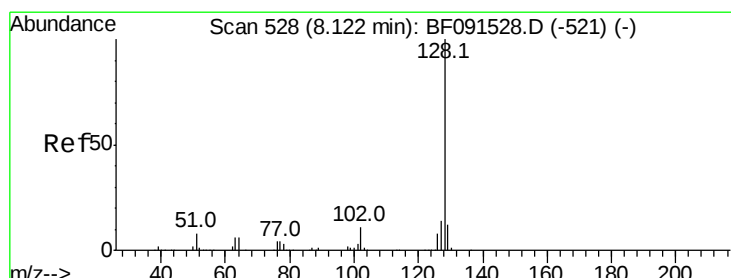
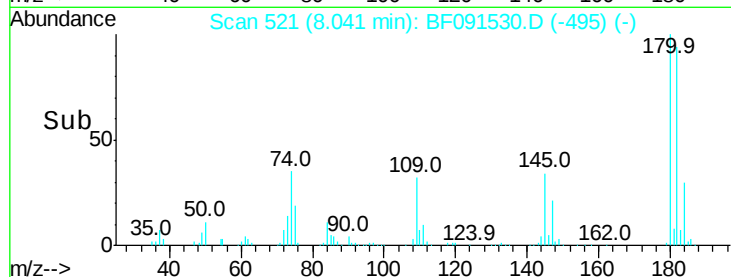
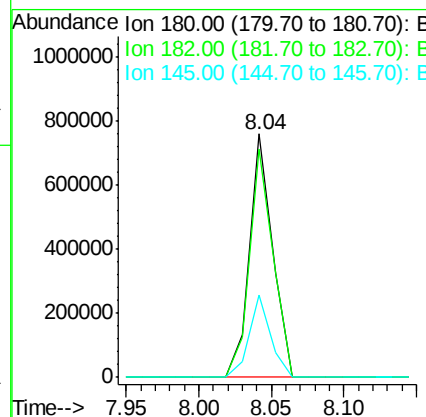
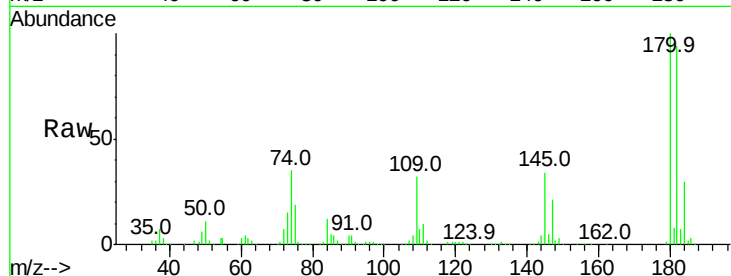
ClientSampleId :

SSTDIC060

Tot Ion:	180	Resp:	839261
Ion Ratio	Lower	Upper	
180	100		
182	93.8	75.8	113.8
145	33.8	27.0	40.4

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#31

Naphthalene

Concen: 51.43 ng

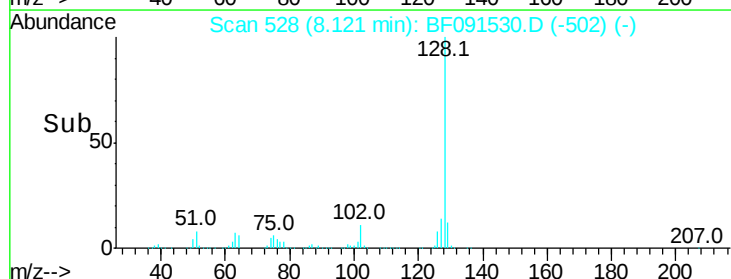
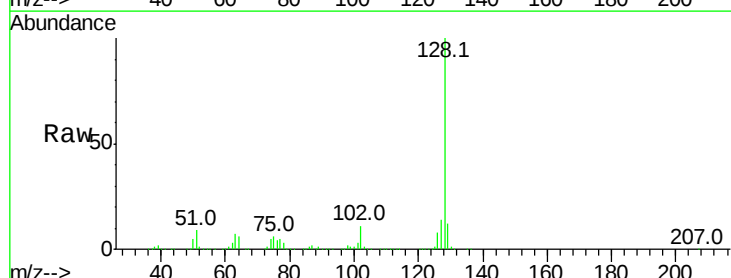
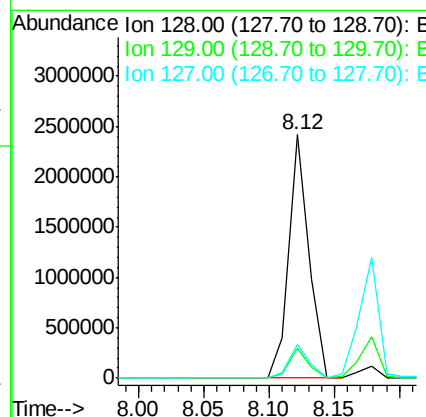
RT: 8.12 min Scan# 528

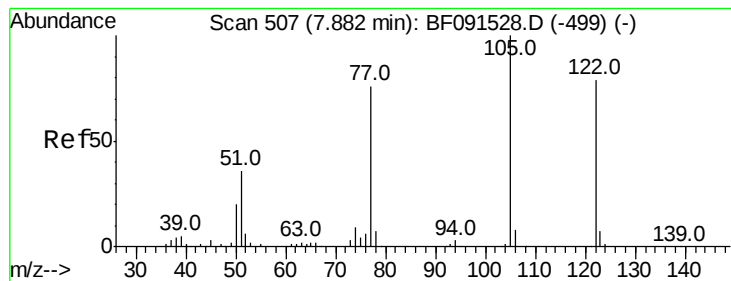
Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Tgt Ion:	128	Resp:	2612107
Ion Ratio	Lower	Upper	
128	100		
129	12.2	9.1	13.7
127	13.9	11.0	16.4





#32

Benzoic acid

Concen: 54.68 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.02 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

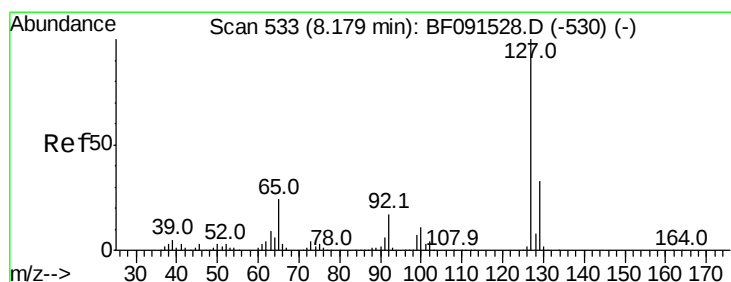
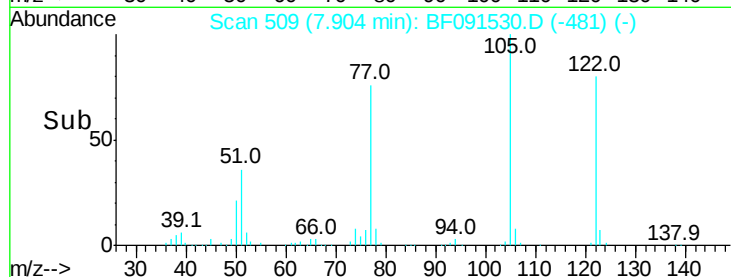
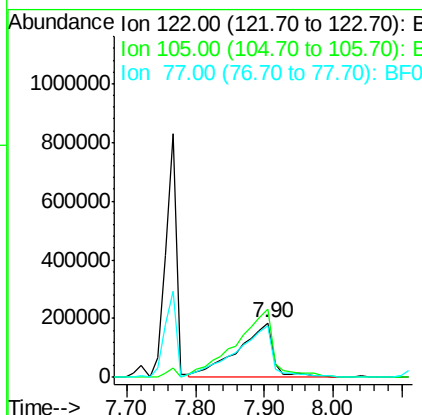
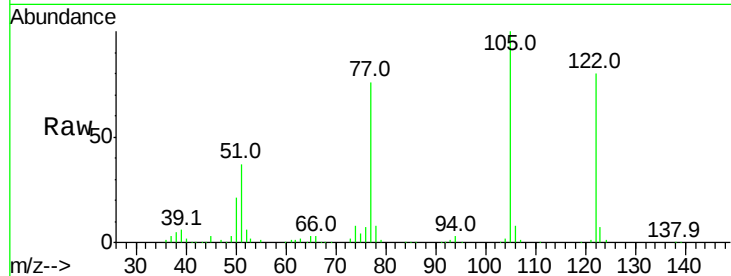
ClientSampled :

SSTDICC060

Tot Ion:	122	Resp:	670871
Ion Ratio	Lower	Upper	
122	100		
105	125.1	113.0	153.0
77	95.6	82.0	122.0

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#33

4-Chloroaniline

Concen: 58.16 ng

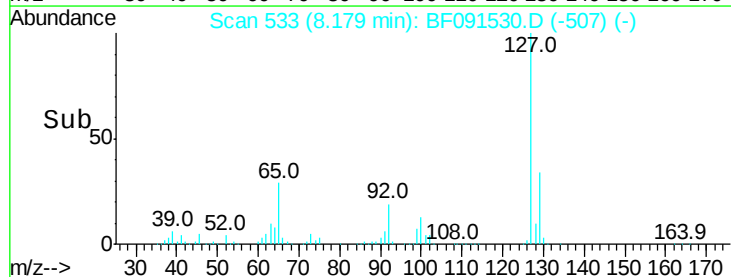
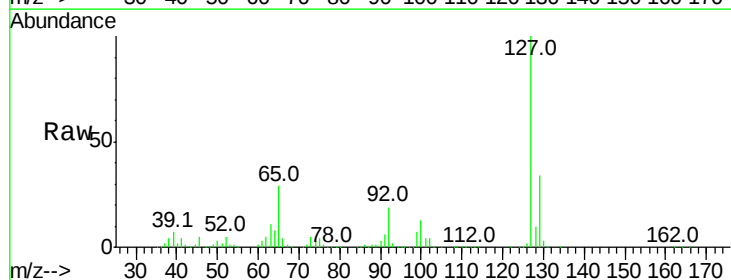
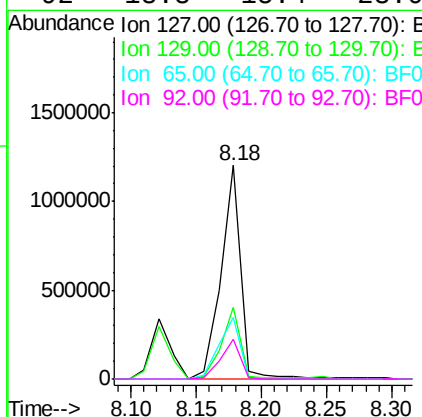
RT: 8.18 min Scan# 533

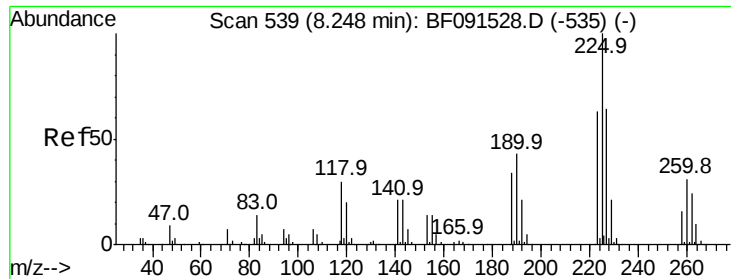
Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Tgt Ion:	127	Resp:	1262770
Ion Ratio	Lower	Upper	
127	100		
129	33.8	26.2	39.4
65	29.1	26.6	39.8
92	18.8	15.4	23.0





#34

Hexachlorobutadiene

Concen: 50.21 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

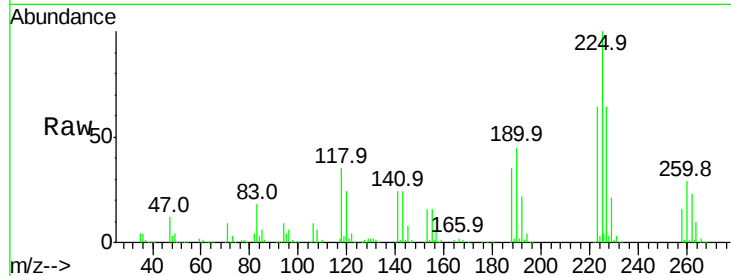
ClientSampleId :

SSTDIC060

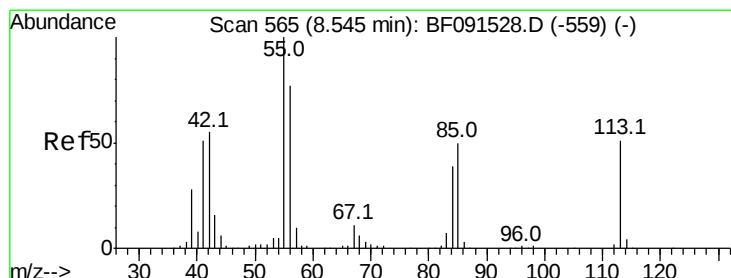
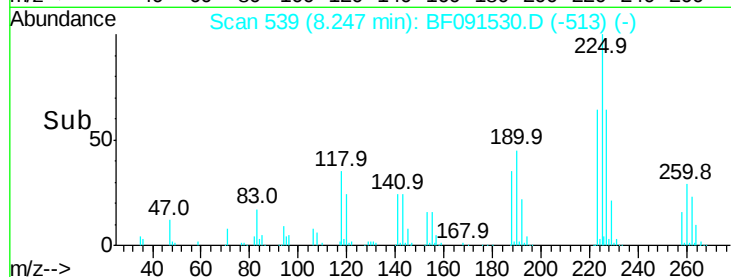
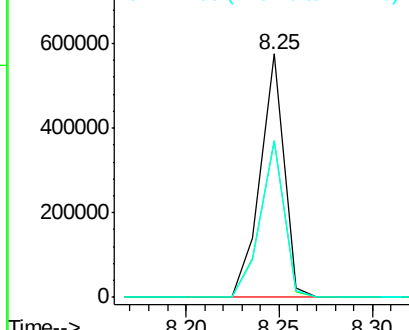
Tot Ion:	225	Resp:	506758
Ion Ratio		Lower	Upper
225	100		
223	64.1	49.8	74.6
227	64.1	52.6	79.0

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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 60.59 ng

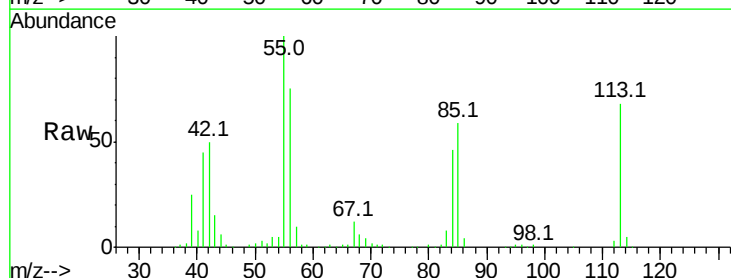
RT: 8.57 min Scan# 567

Delta R.T. 0.02 min

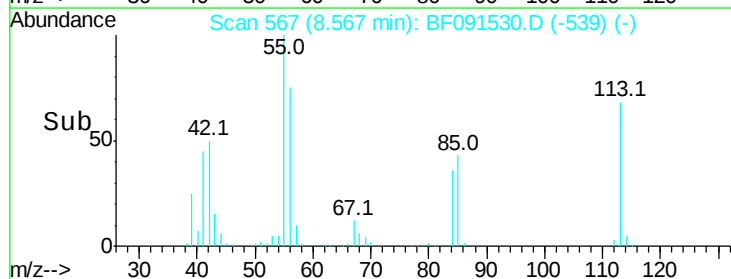
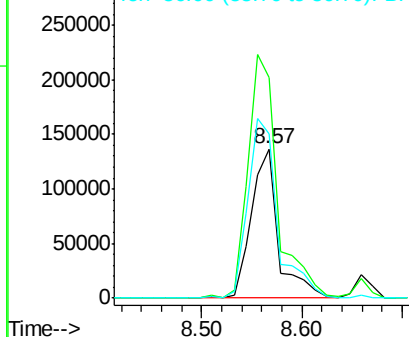
Lab File: BF091530.D

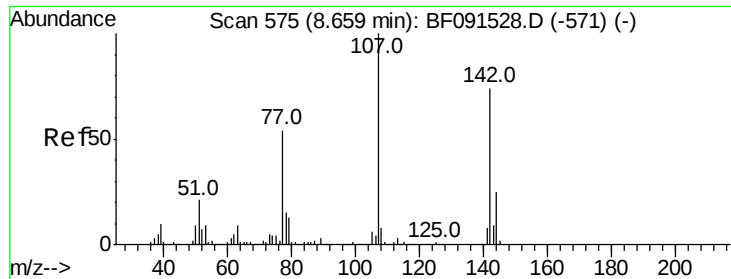
Acq: 9 Dec 2016 16:12

Tgt Ion:	113	Resp:	254990
Ion Ratio		Lower	Upper
113	100		
55	147.7	239.8	279.8#
56	110.0	165.6	205.6#



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





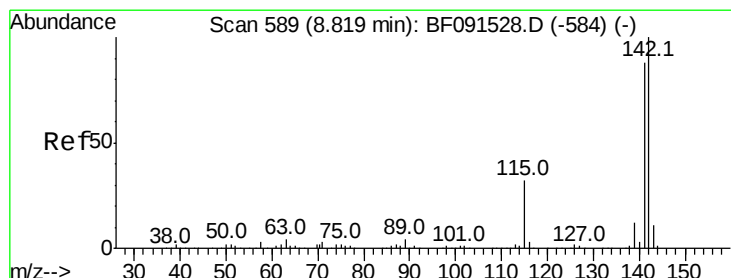
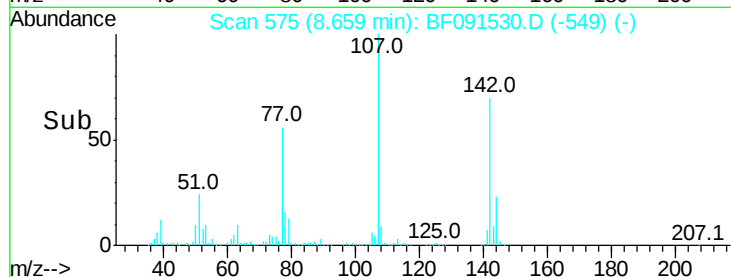
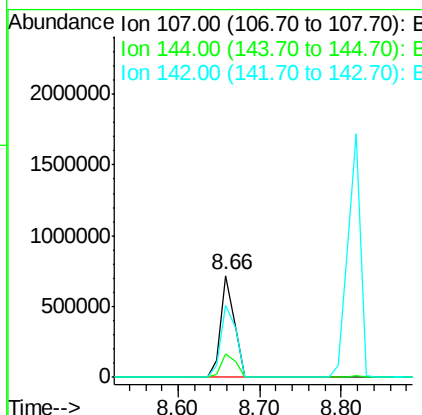
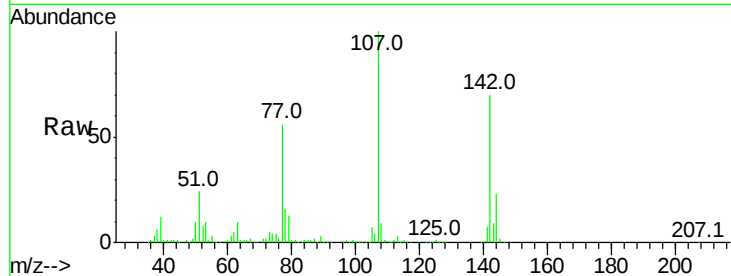
#36
4-Chloro-3-methylphenol
Concen: 52.35 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
107	100		
144	22.8	18.9	28.3
142	70.3	58.5	87.7

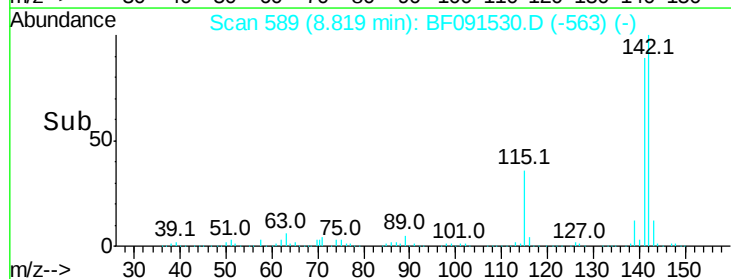
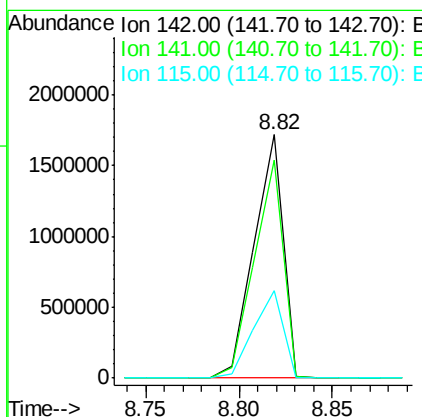
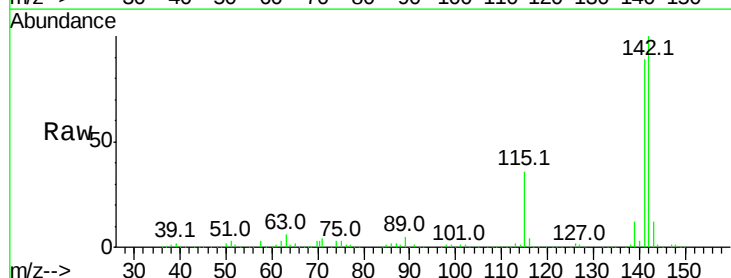
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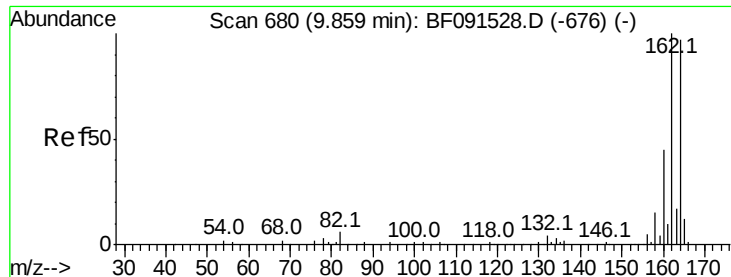
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#37
2-Methylnaphthalene
Concen: 53.80 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.7	107.5
115	35.8	25.0	37.6





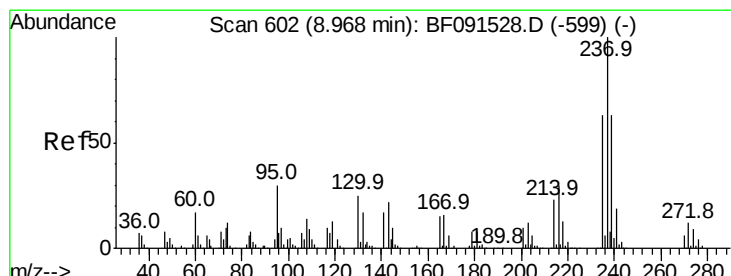
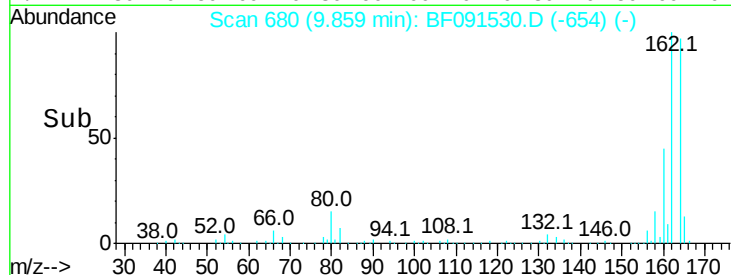
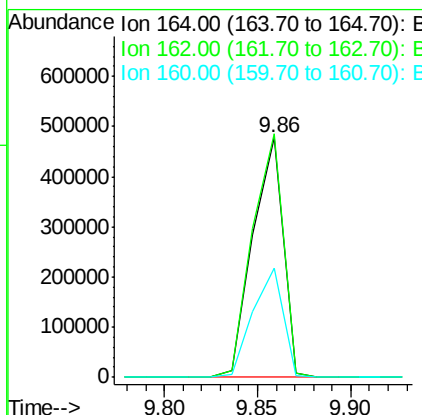
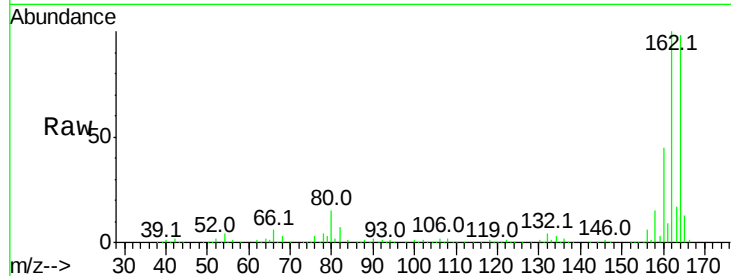
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	124.0
160	45.3	36.7	55.1

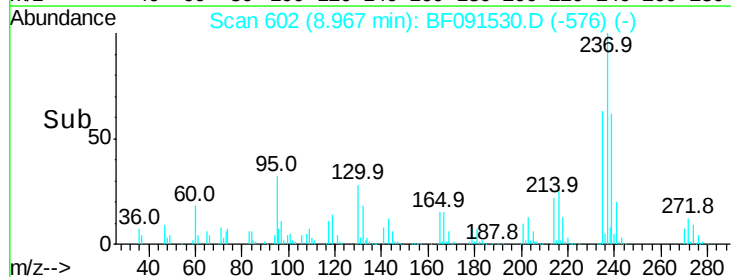
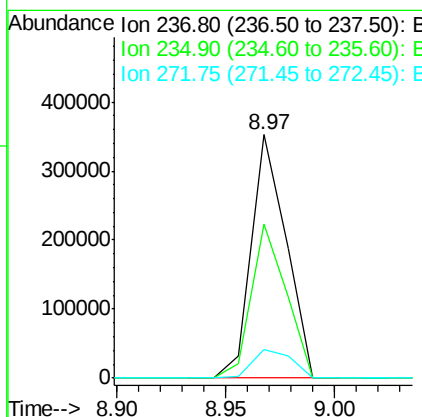
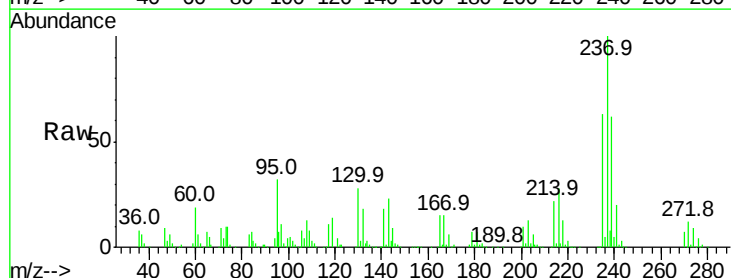
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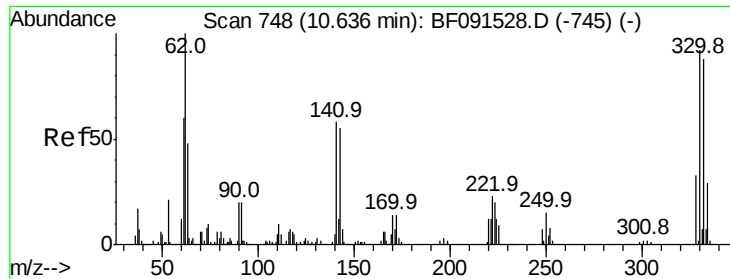
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#40
Hexachlorocyclopentadiene
Concen: 55.85 ng
RT: 8.97 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.9	83.9
272	11.6	0.0	33.1





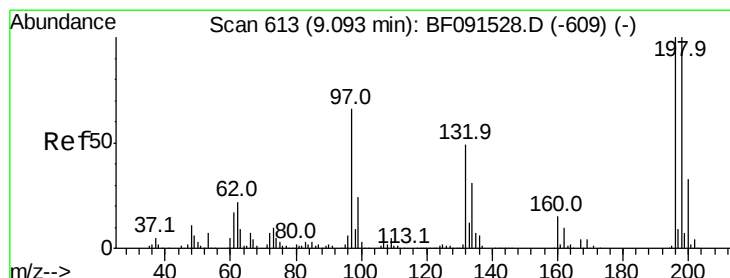
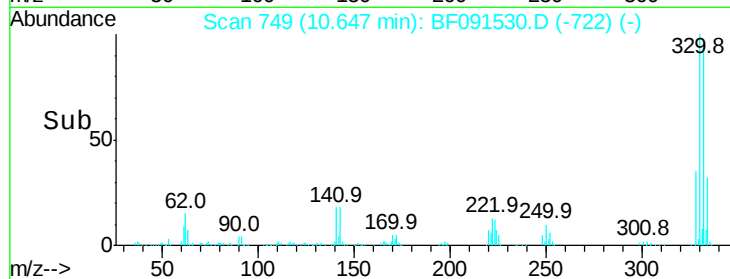
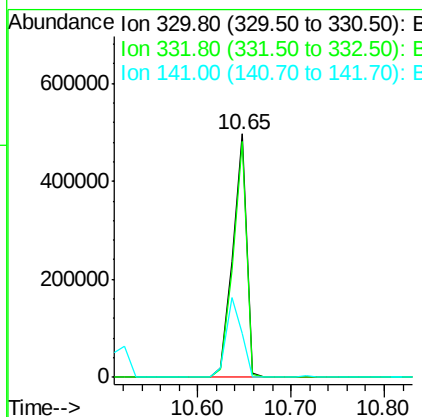
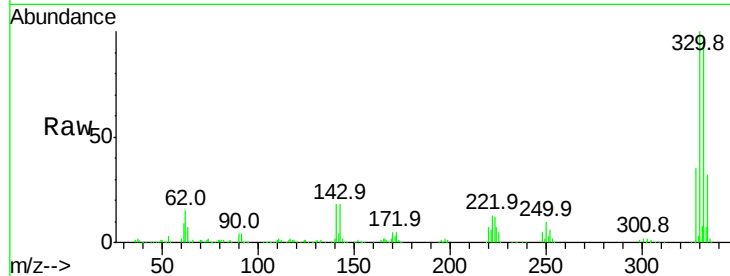
#41
 2,4,6-Tribromophenol
 Concen: 102.94 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
330	100	524241		
332	95.4	76.2	114.4	
141	36.0	33.6	50.4	

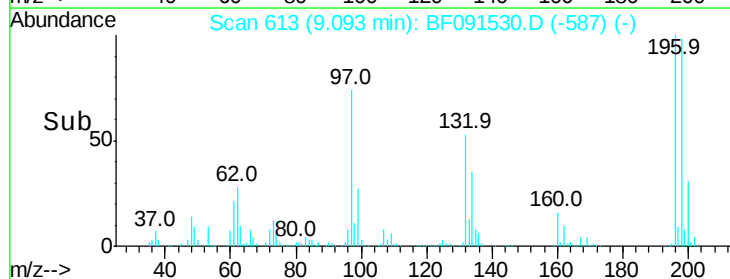
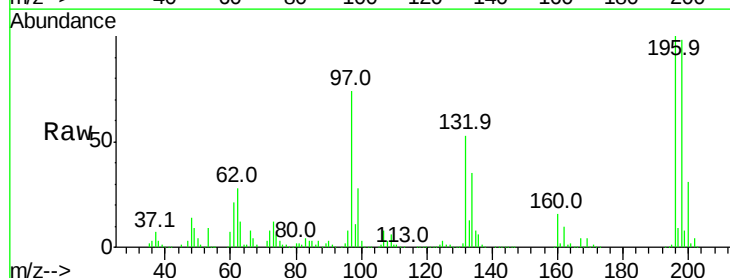
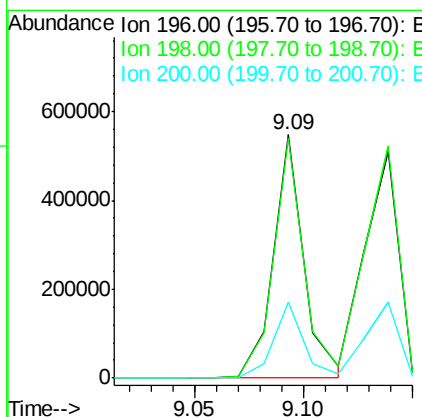
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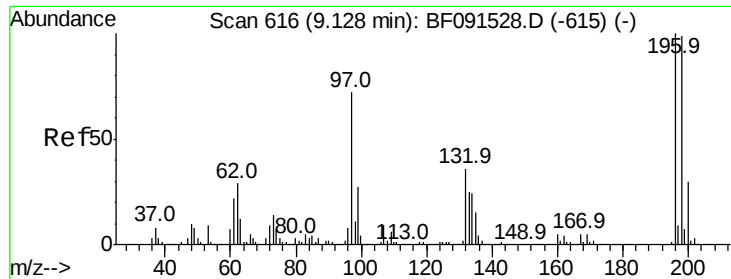
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#42
 2,4,6-Trichlorophenol
 Concen: 54.71 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	539222		
198	98.4	77.4	116.0	
200	31.4	25.2	37.8	





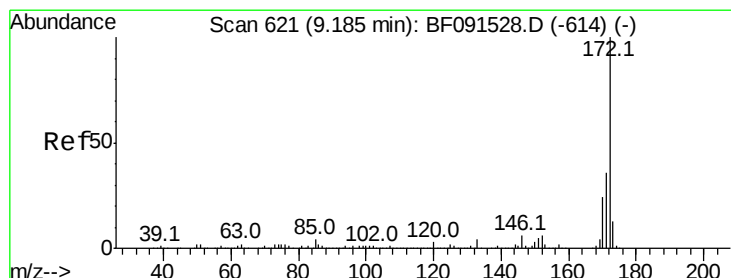
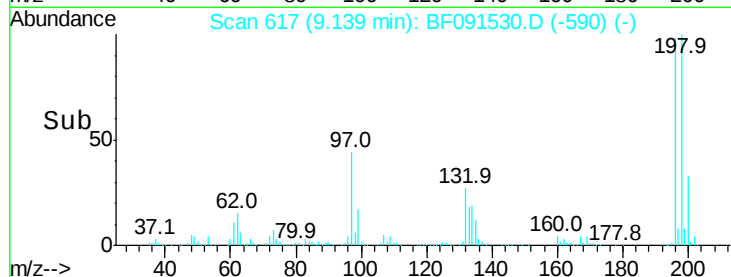
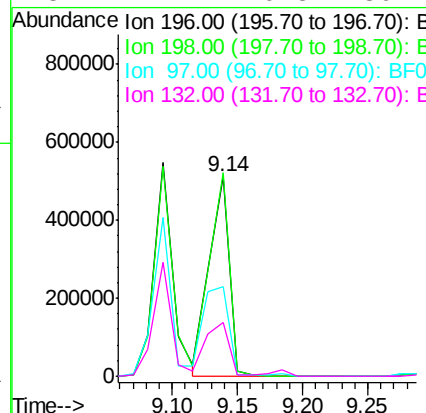
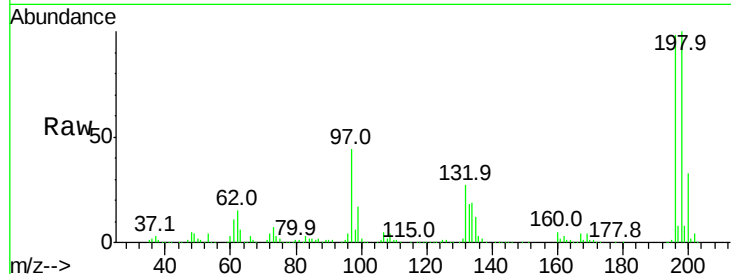
#43
 2,4,5-Trichlorophenol
 Concen: 55.61 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	549197		
198	101.9	77.0	115.6	
97	44.7	33.5	50.3	
132	27.2	20.5	30.7	

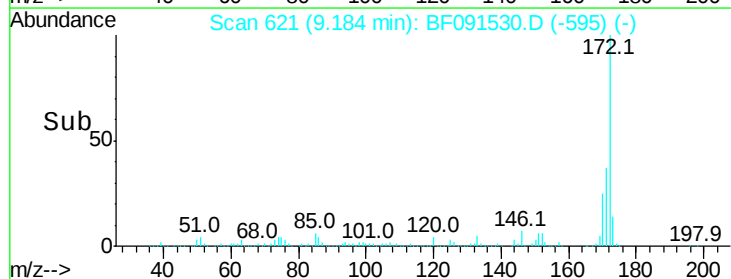
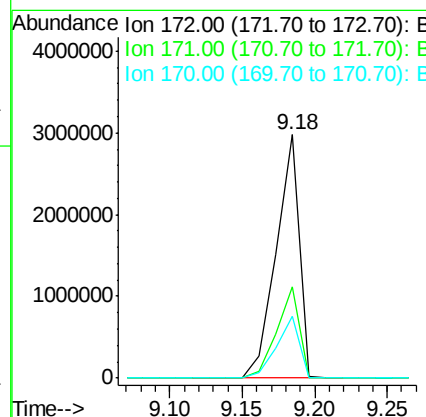
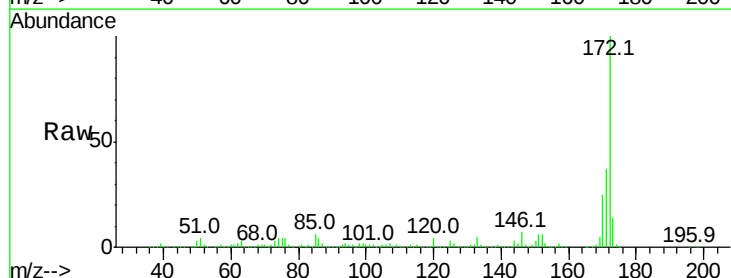
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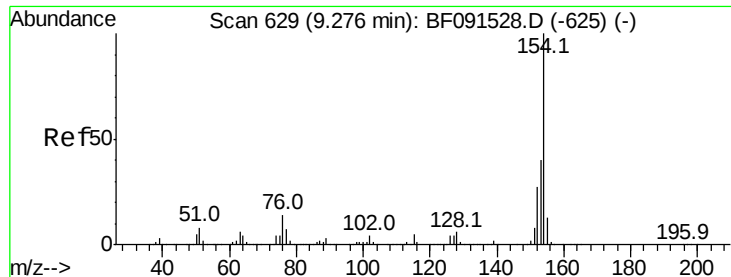
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#44
 2-Fluorobiphenyl
 Concen: 110.68 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3288089		
171	37.3	29.4	44.0	
170	25.5	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 54.99 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:154 Resp: 2126931

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

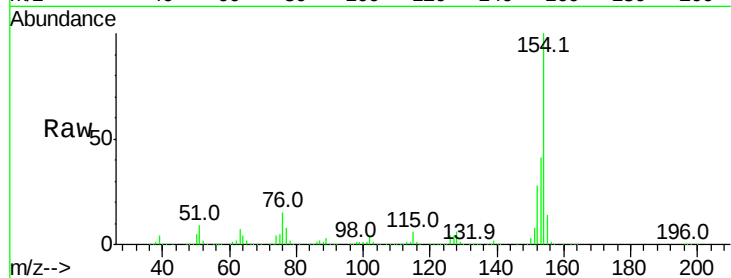
76 15.3 0.0 36.6

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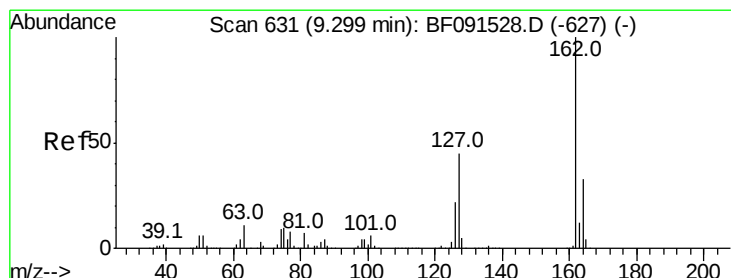
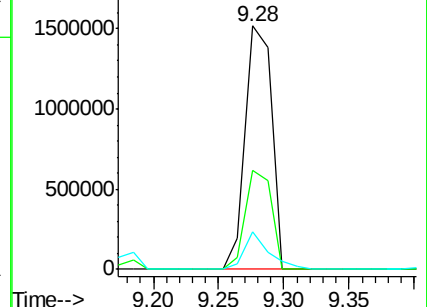
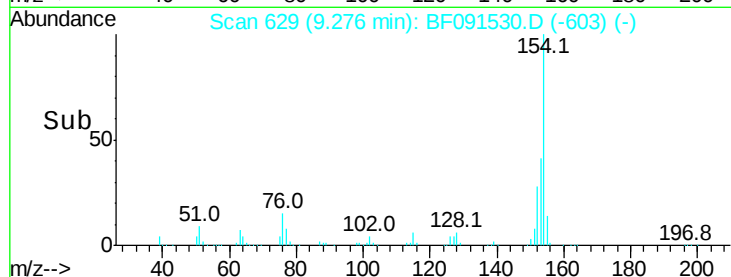
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 56.41 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

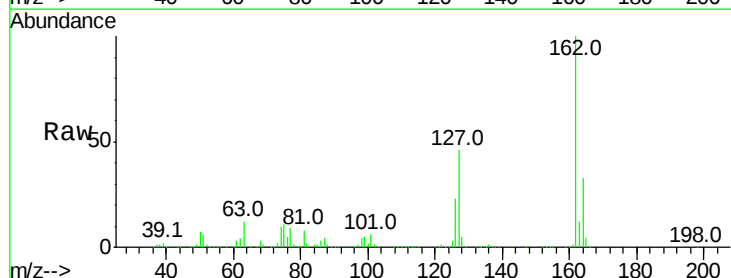
Tgt Ion:162 Resp: 1624826

Ion Ratio Lower Upper

162 100

127 45.9 34.3 51.5

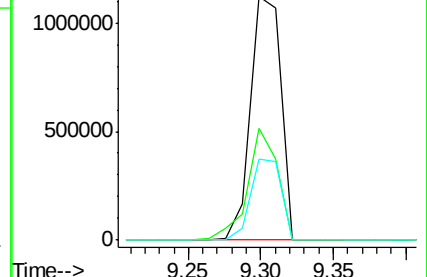
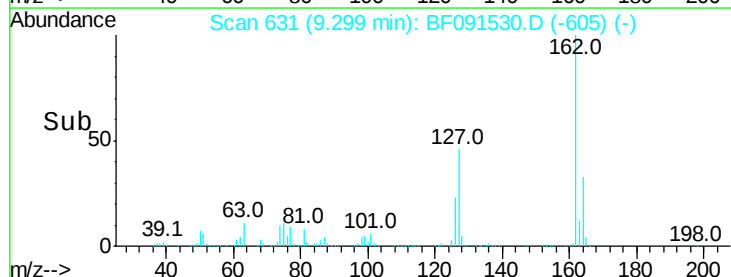
164 33.2 26.6 40.0

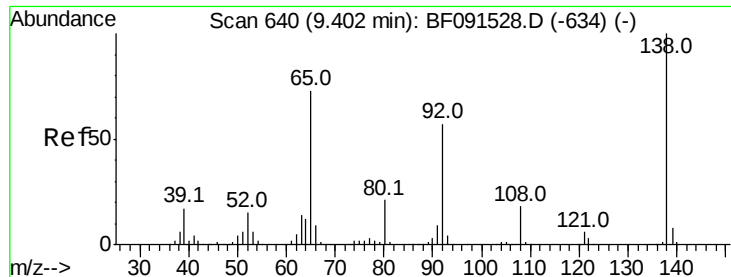


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





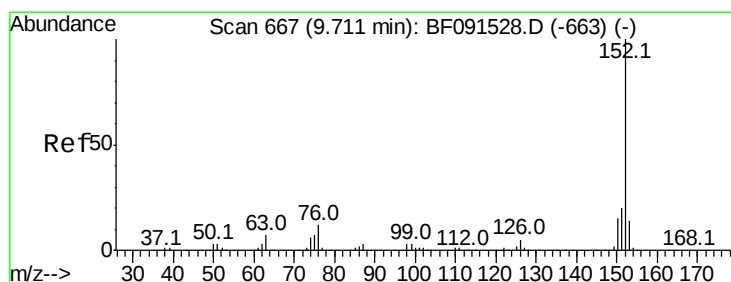
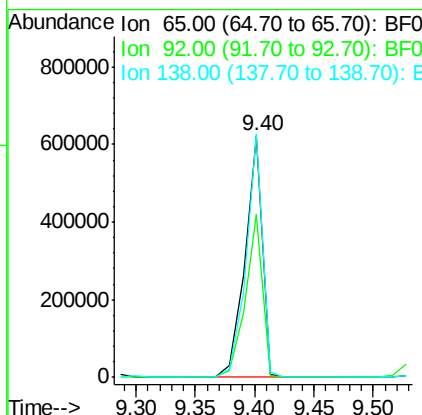
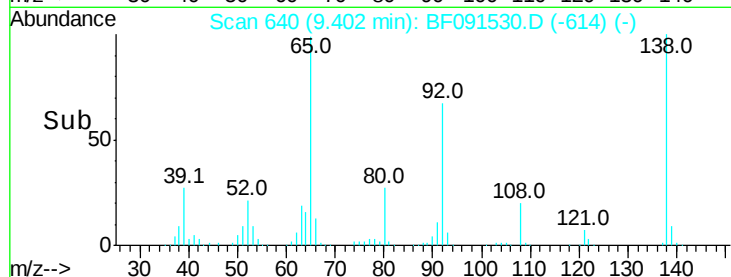
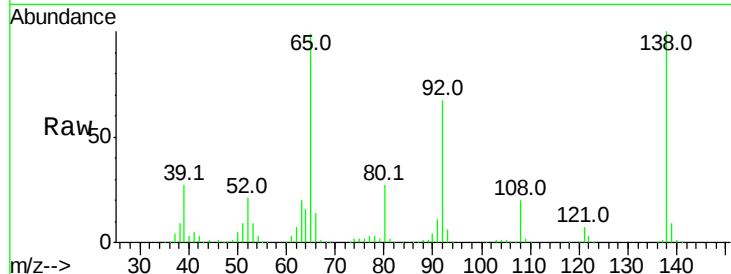
#47
 2-Nitroaniline
 Concen: 61.42 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.7	53.6	80.4
138	100.8	91.0	136.6

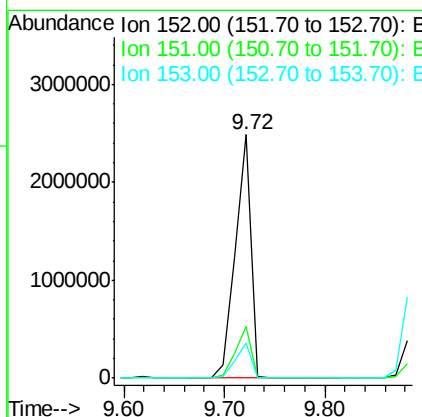
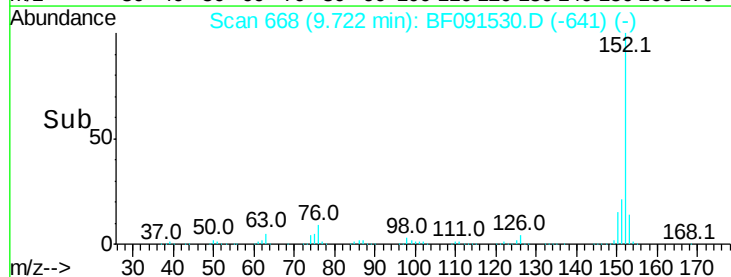
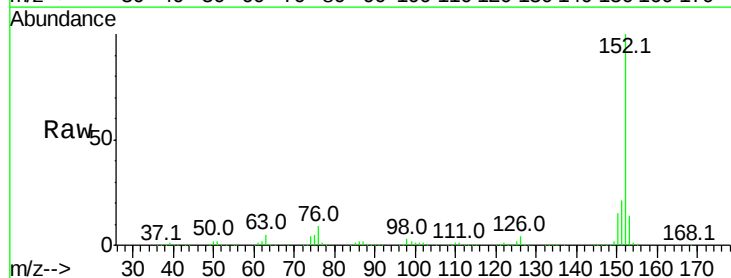
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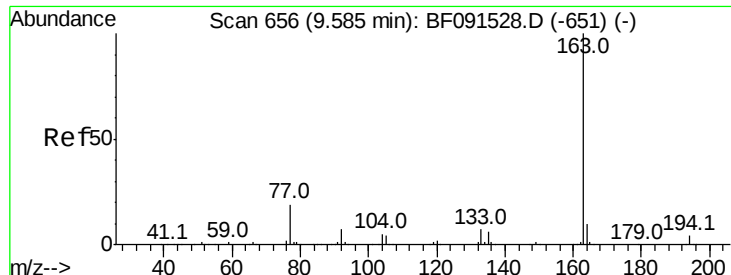
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#48
 Acenaphthylene
 Concen: 58.65 ng
 RT: 9.72 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.6	24.8
153	14.2	10.7	16.1





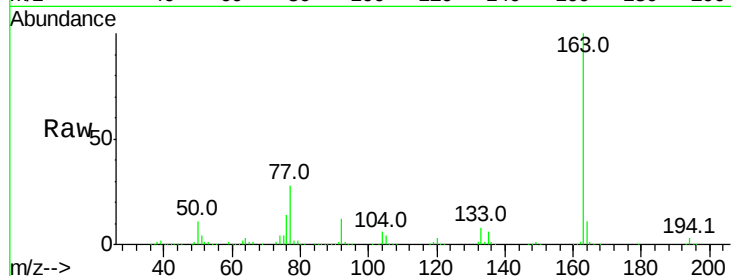
#49
Dimethylphthalate
Concen: 53.31 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

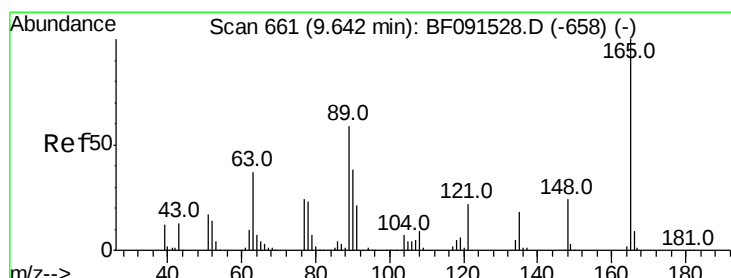
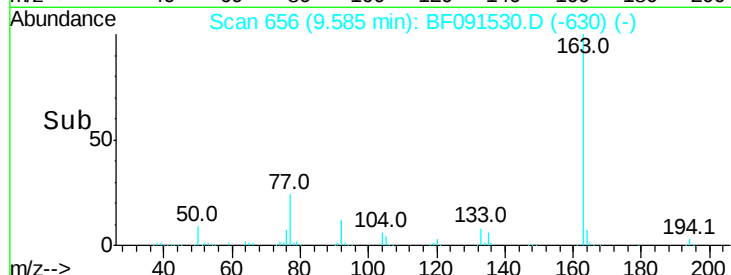
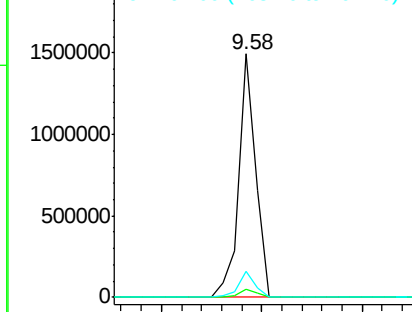
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.9	7.8	11.8

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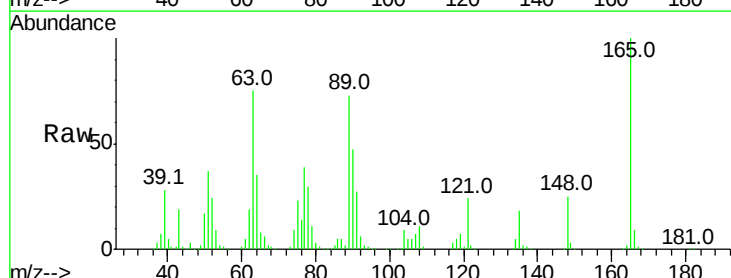


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

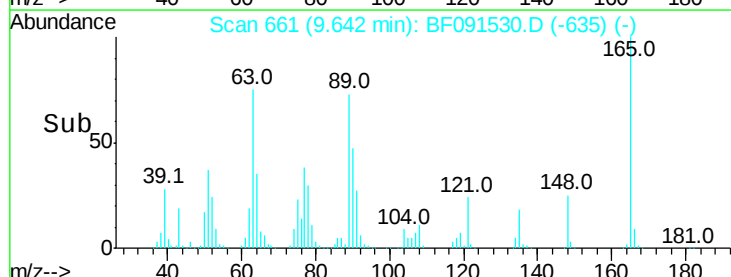
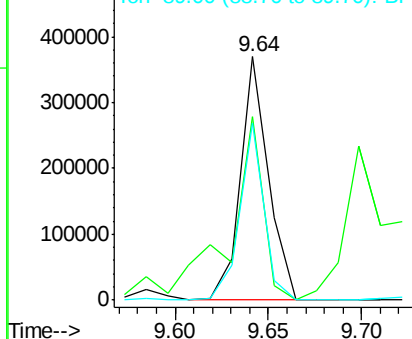


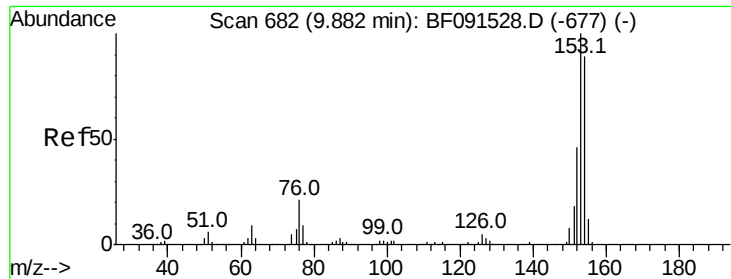
#50
2,6-Dinitrotoluene
Concen: 52.79 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	75.3	59.4	89.0
89	72.7	50.8	76.2



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





#51

Acenaphthene

Concen: 59.09 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:154 Resp: 1807375

Ion Ratio Lower Upper

154 100

153 112.7 91.0 136.6

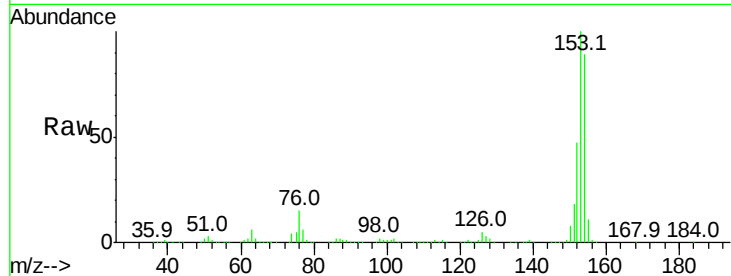
152 52.9 44.2 66.2

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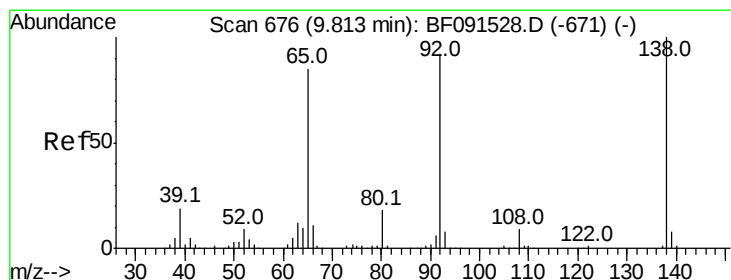
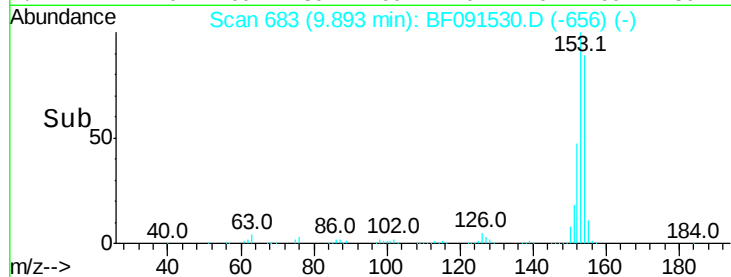
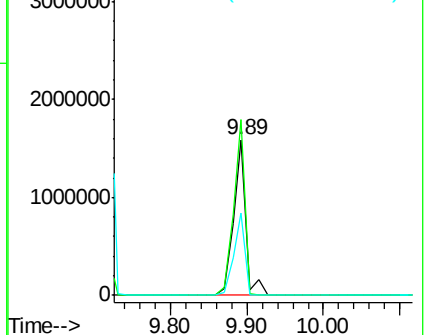
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 55.95 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

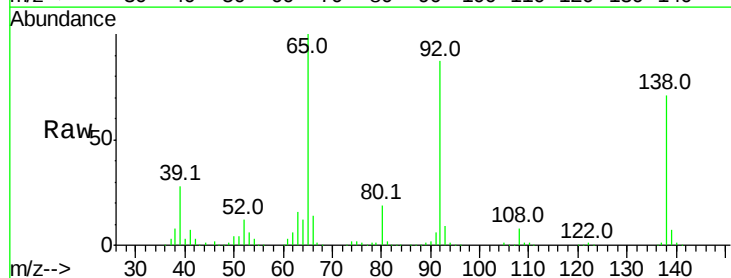
Tgt Ion:138 Resp: 471483

Ion Ratio Lower Upper

138 100

108 10.9 8.1 12.1

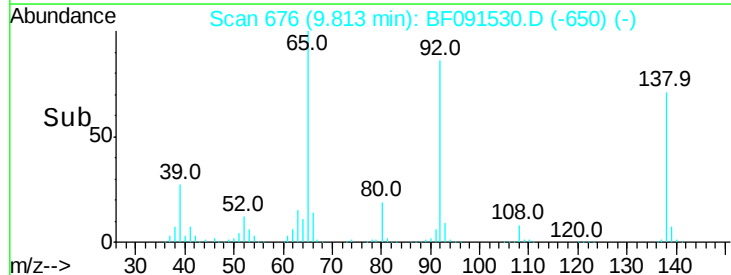
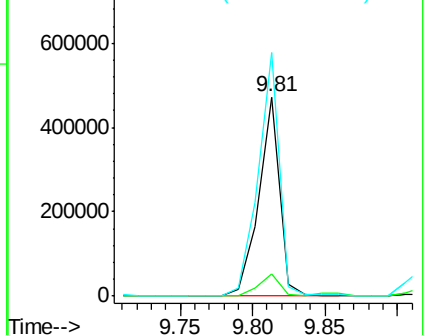
92 122.4 92.5 138.7

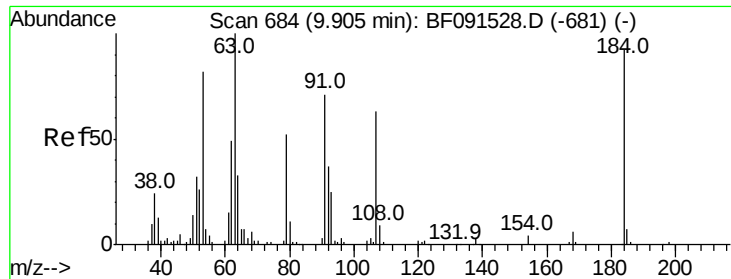


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 73.37 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:184 Resp: 233578

Ion Ratio Lower Upper

184 100

63 54.5 58.3 87.5#

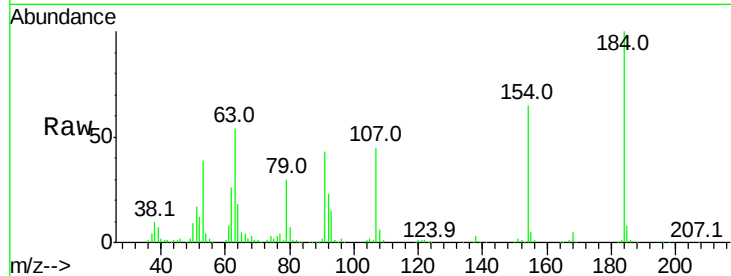
154 64.8 48.6 73.0

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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

2000000

1500000

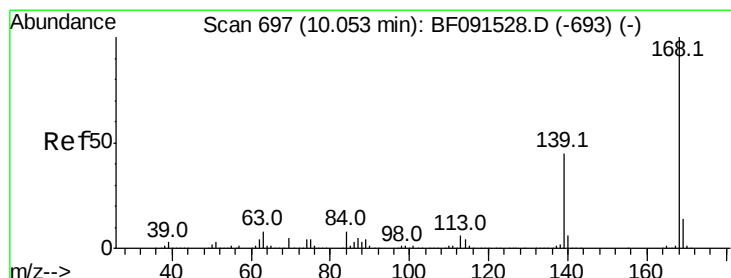
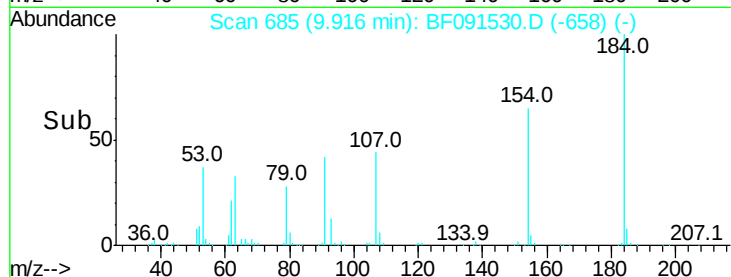
1000000

500000

0

9.80 9.90 10.00

Time-->



#54

Dibenzofuran

Concen: 54.67 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

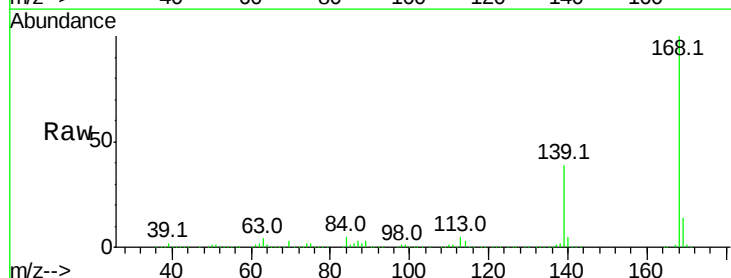
Tgt Ion:168 Resp: 2238680

Ion Ratio Lower Upper

168 100

139 39.2 33.4 50.2

169 13.8 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

2500000

2000000

1500000

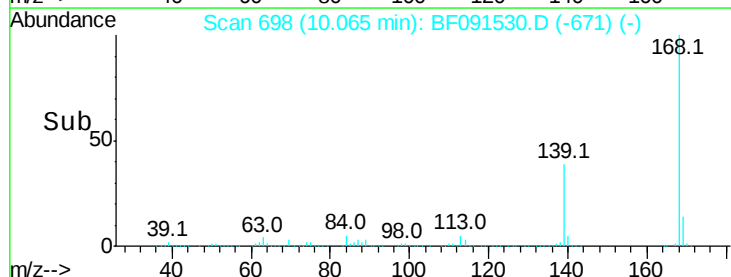
1000000

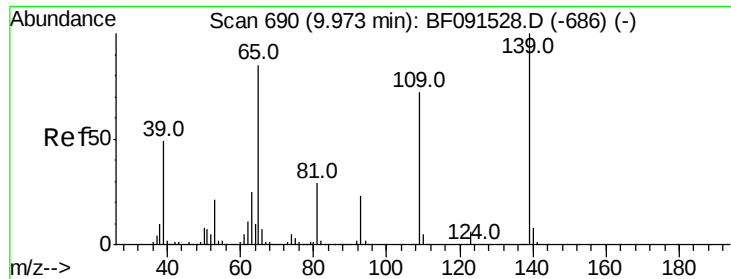
500000

0

10.00 10.05 10.10

Time-->





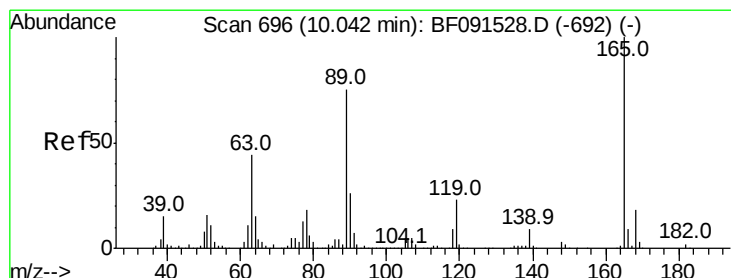
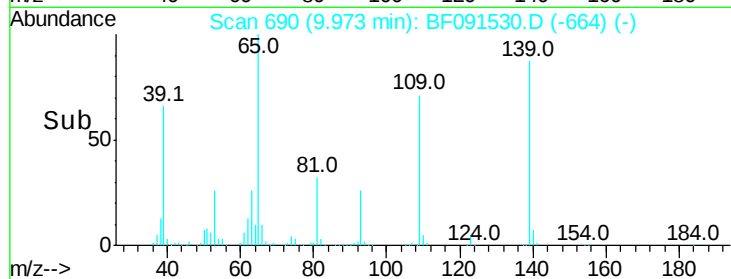
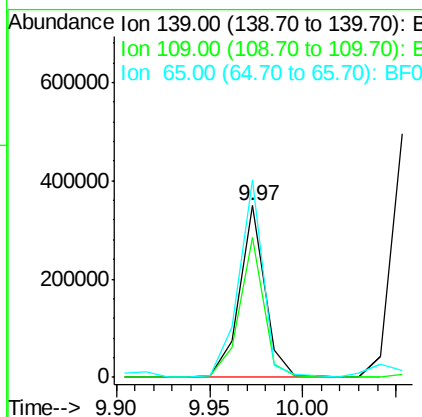
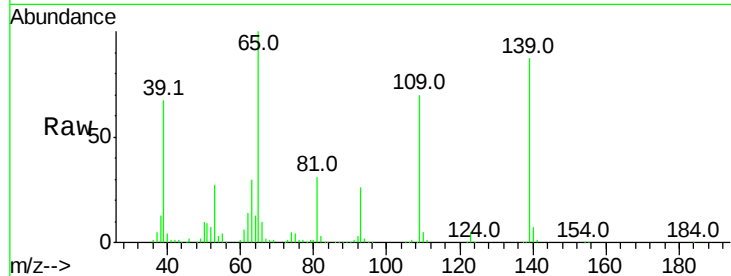
#55
4-Nitrophenol
Concen: 55.20 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	81.3	54.9	94.9	
65	115.4	102.2	142.2	

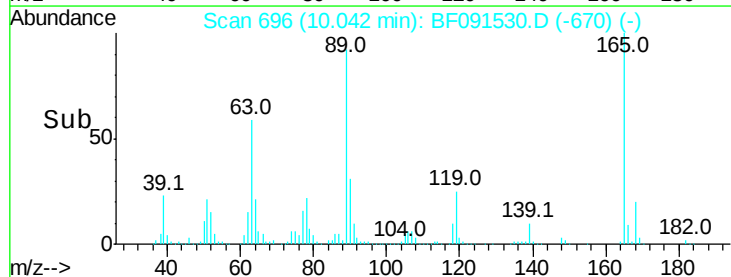
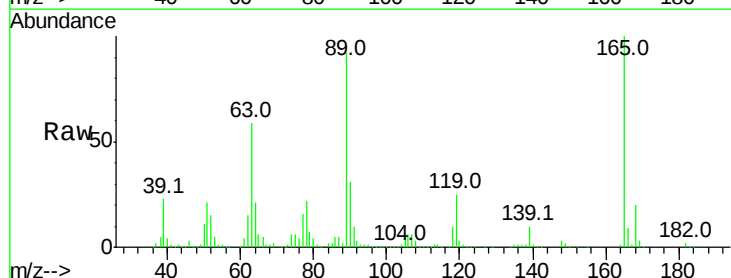
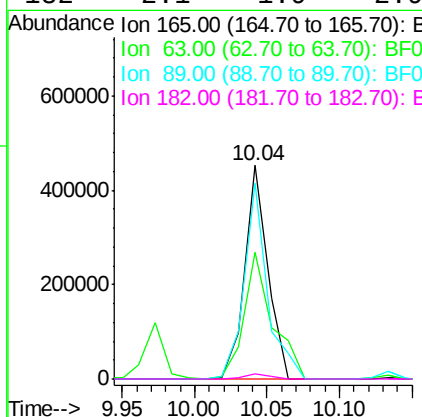
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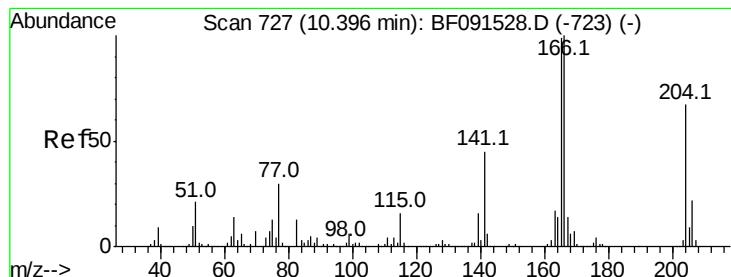
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#56
2,4-Dinitrotoluene
Concen: 52.64 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.2	29.0	43.4#	
89	91.5	43.1	64.7#	
182	2.1	1.9	2.9	





#57

Fluorene

Concen: 53.99 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:166 Resp: 1697539

Ion Ratio Lower Upper

166 100

165 99.0 80.0 120.0

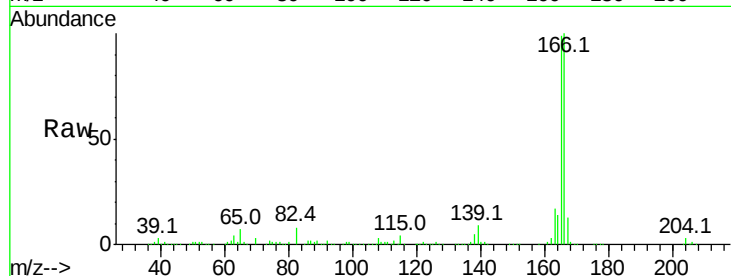
167 13.4 10.8 16.2

Manual Integrations

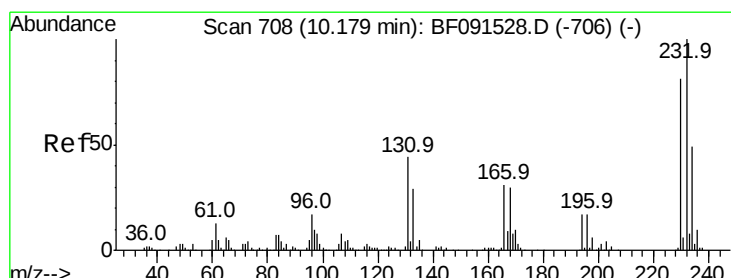
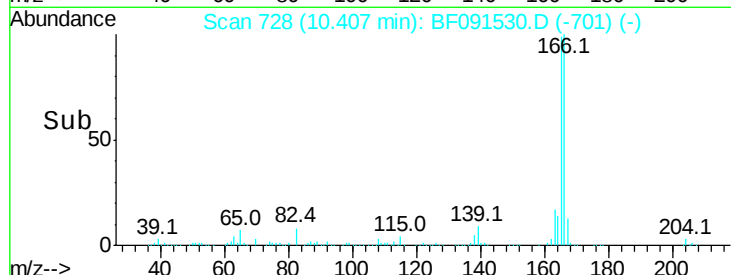
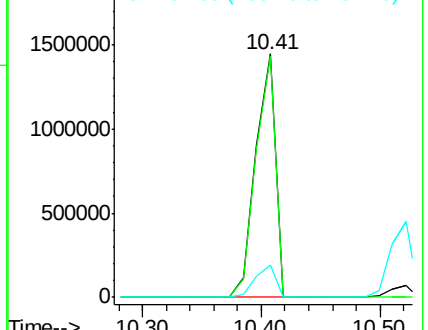
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.36 ng m

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Tgt Ion:232 Resp: 424715

Ion Ratio Lower Upper

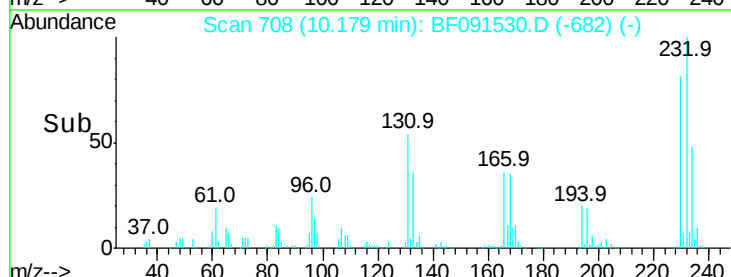
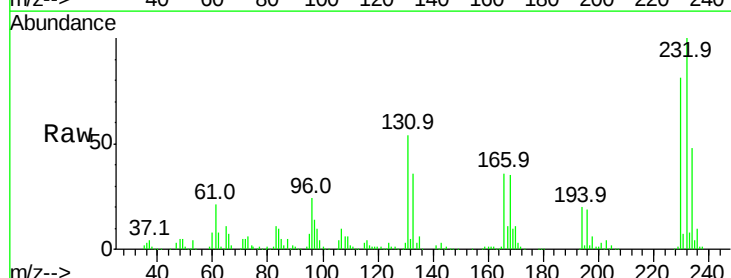
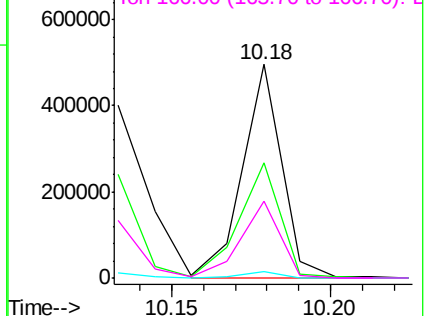
232 100

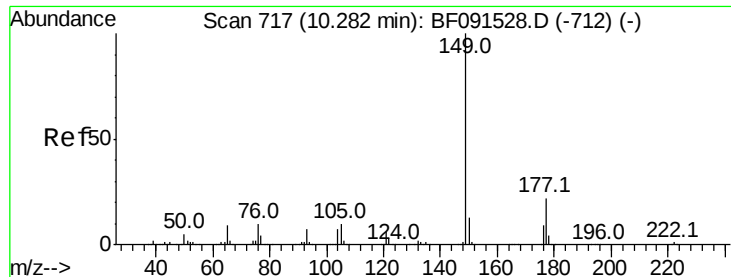
131 49.1 38.4 57.6

130 2.7 1.8 2.8

166 28.0 23.9 35.9

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





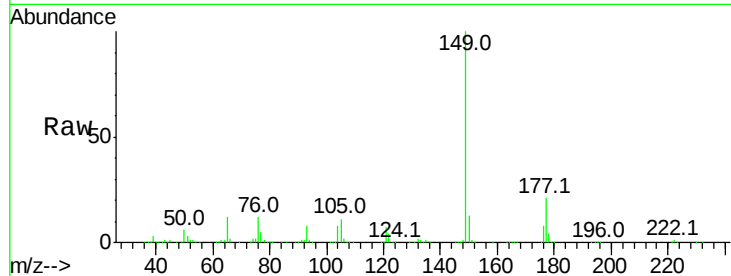
#59
Diethylphthalate
Concen: 54.71 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

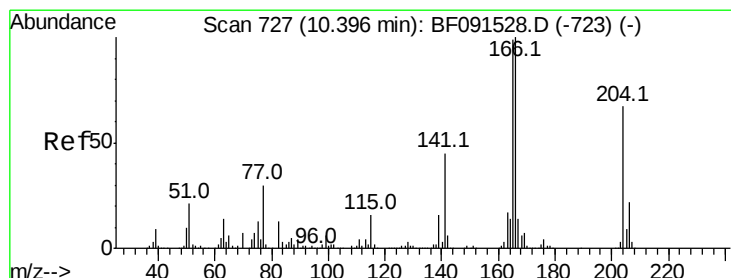
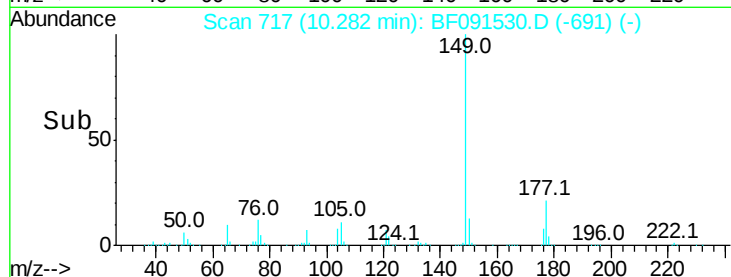
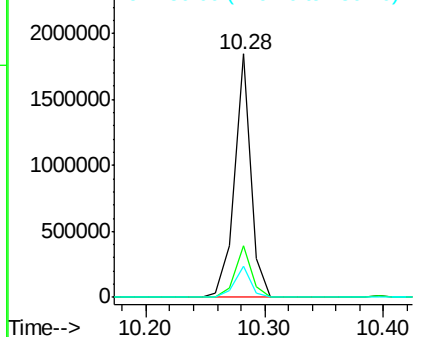
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	15.7	23.5
150	12.9	10.2	15.2

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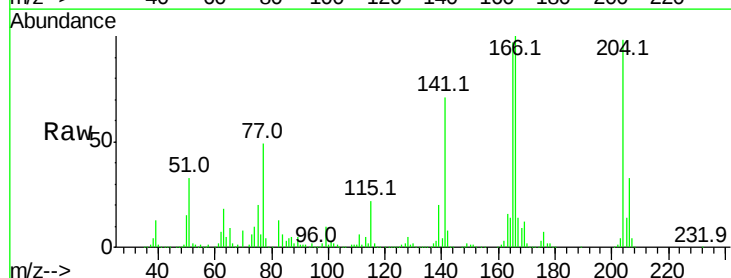


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

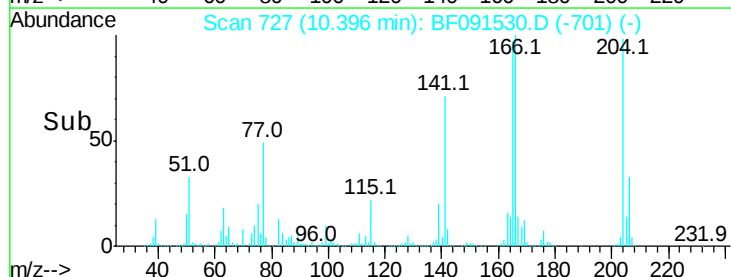
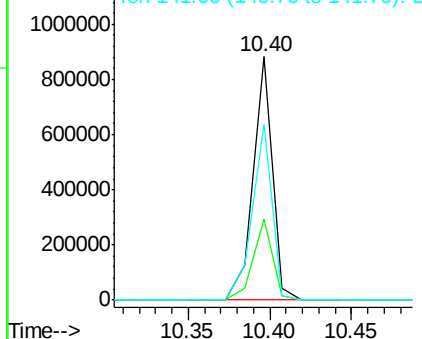


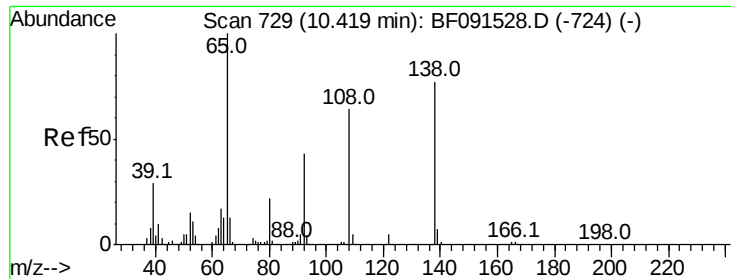
#60
4-Chlorophenyl-phenylether
Concen: 46.04 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.1	39.1
141	72.4	40.6	61.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 64.96 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

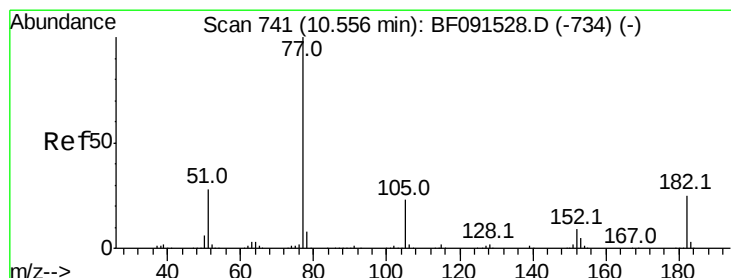
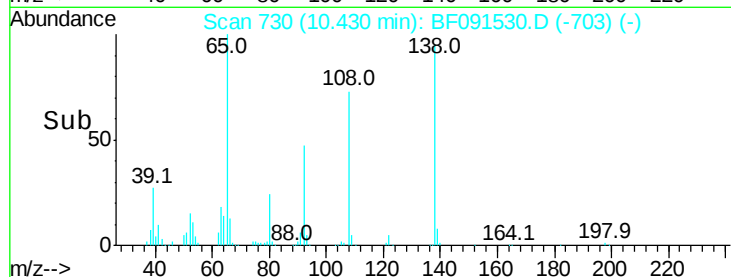
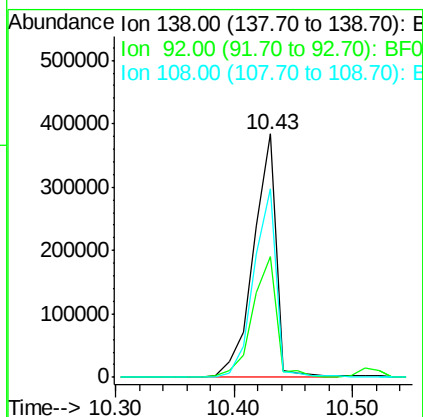
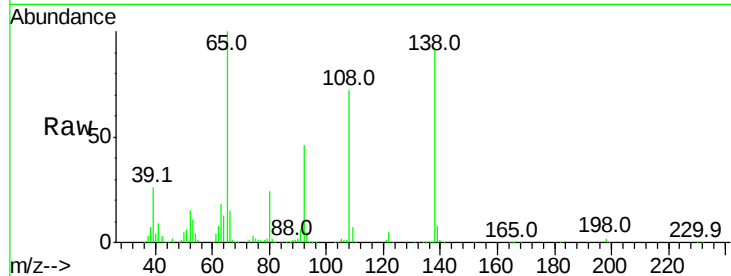
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.5	26.9	66.9
108	77.7	49.1	89.1

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#62

Azobenzene

Concen: 63.62 ng

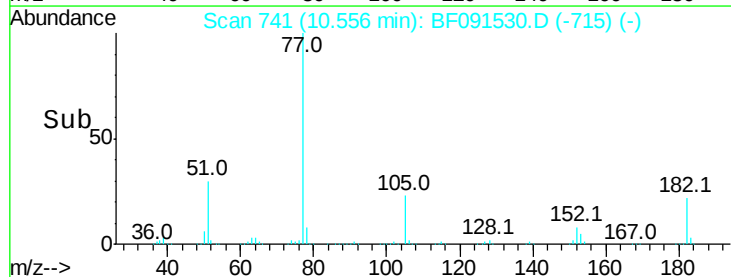
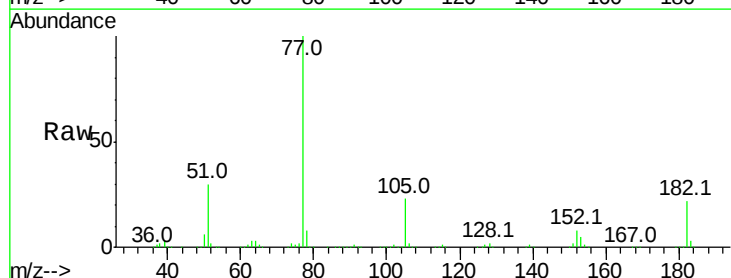
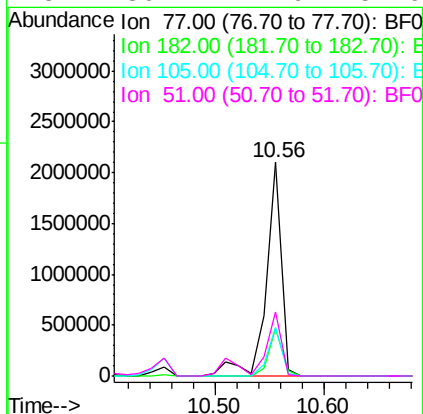
RT: 10.56 min Scan# 741

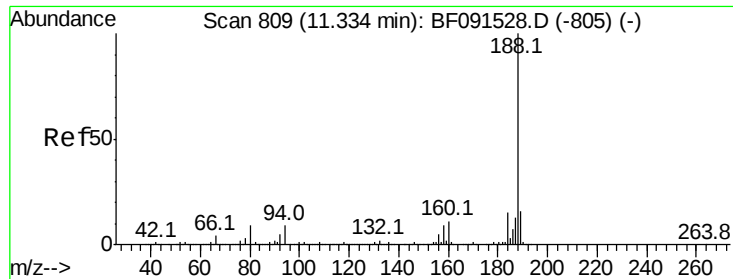
Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.0	12.5	52.5
105	22.8	3.7	43.7
51	30.1	11.9	51.9





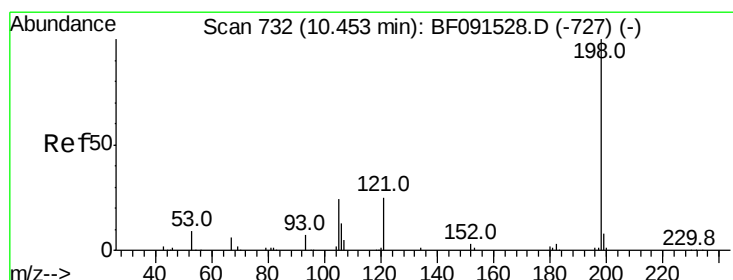
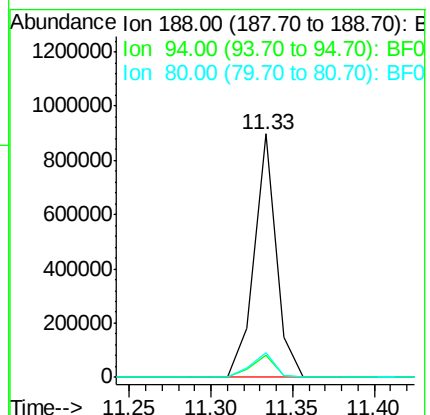
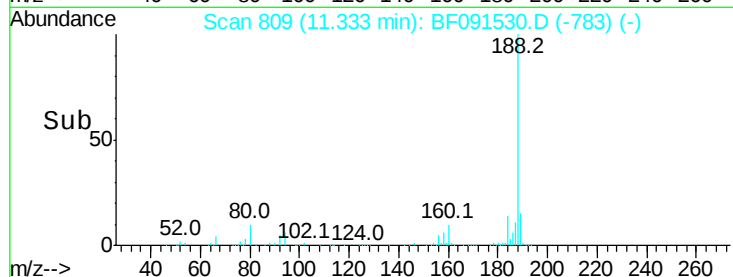
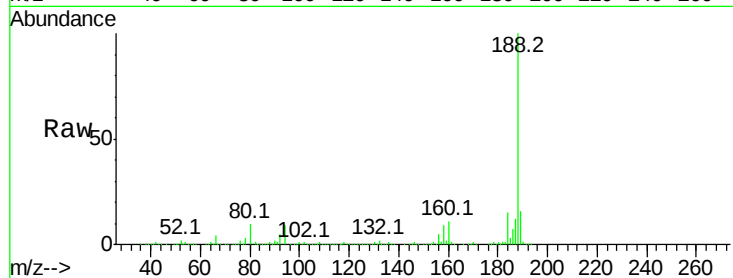
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.3	9.2	13.8
80	10.4	10.5	15.7#

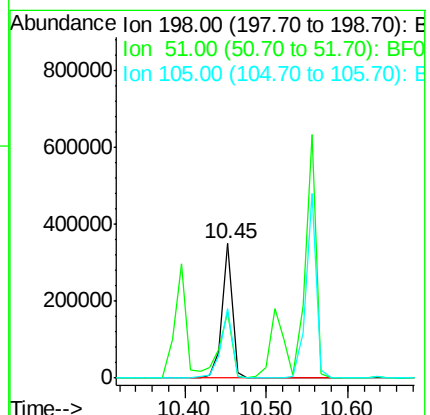
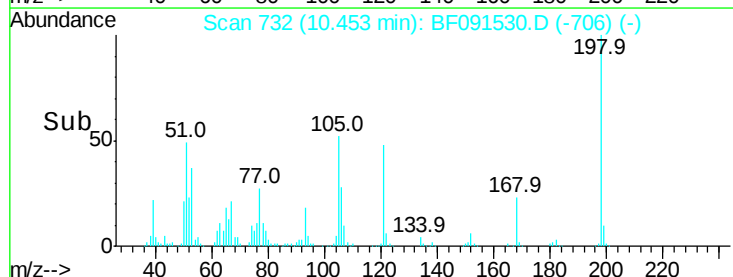
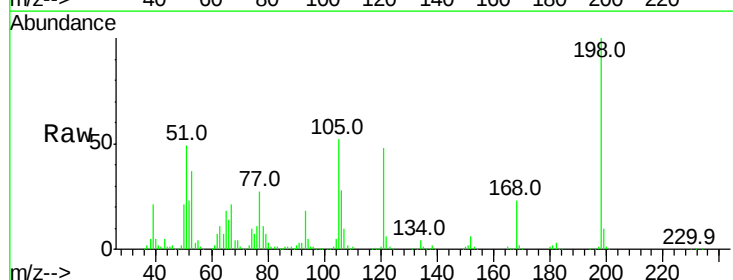
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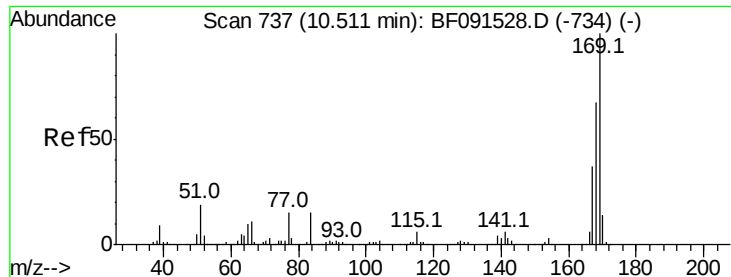
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#64
4,6-Dinitro-2-methylphenol
Concen: 65.47 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	49.0	77.1	117.1#
105	51.5	44.8	84.8





#65

n-Nitrosodiphenylamine

Concen: 59.24 ng

RT: 10.52 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:169 Resp: 1519485

Ion Ratio Lower Upper

169 100

168 66.4 53.8 80.8

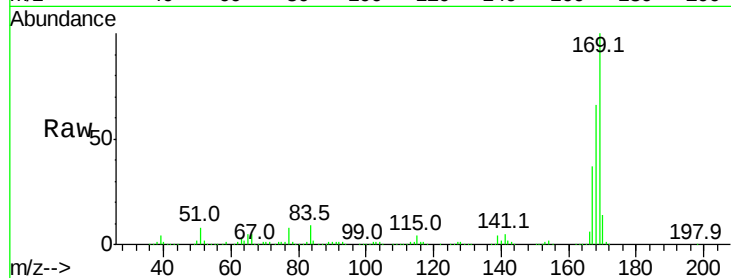
167 36.9 29.8 44.8

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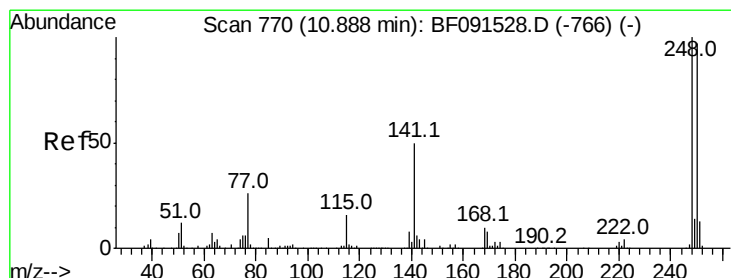
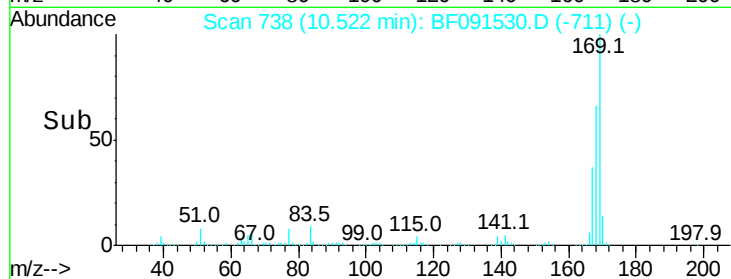
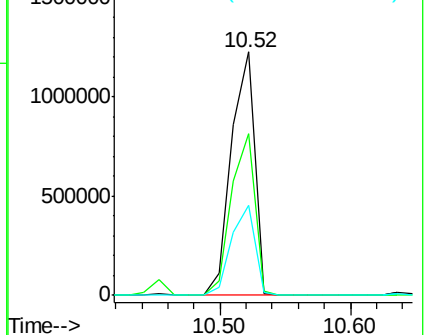
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 57.35 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

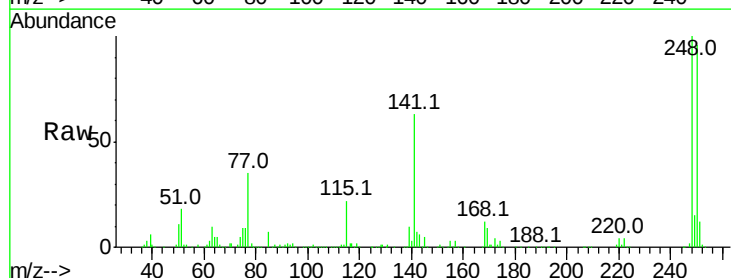
Tgt Ion:248 Resp: 521467

Ion Ratio Lower Upper

248 100

250 96.4 78.2 117.4

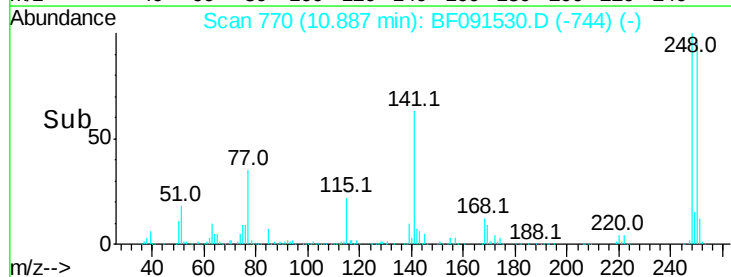
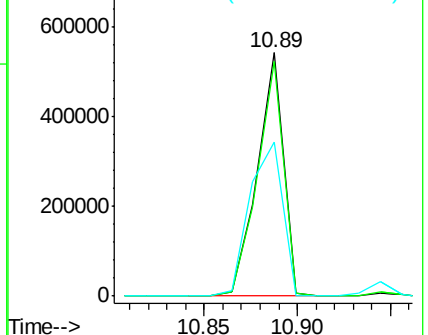
141 63.3 71.9 107.9#

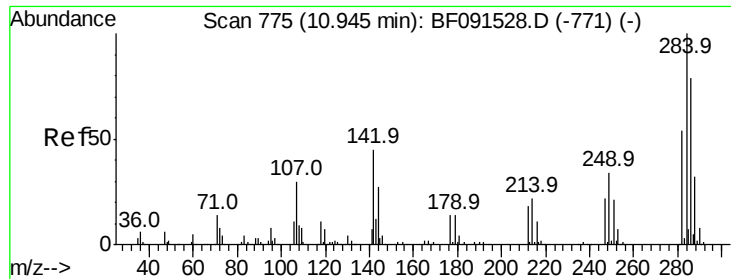


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





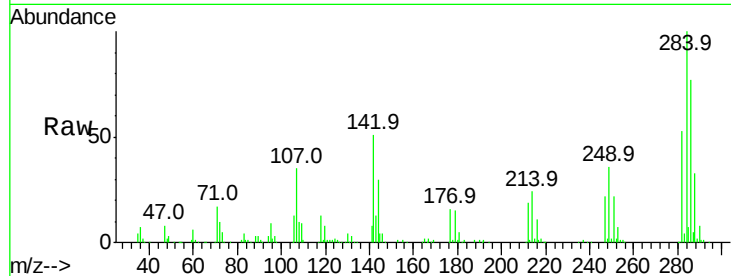
#67
Hexachlorobenzene
Concen: 49.82 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

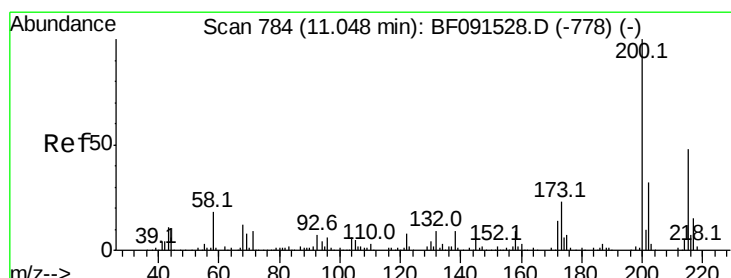
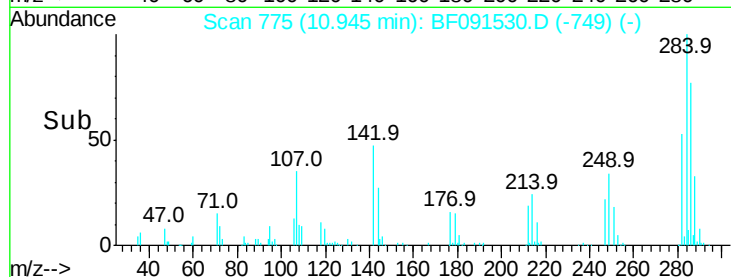
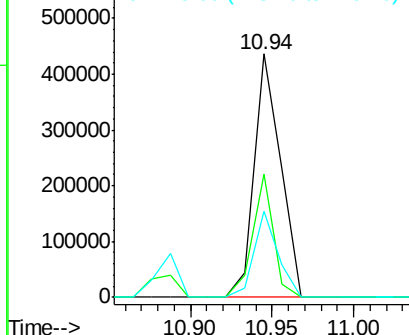
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	50.8	17.9	26.9#	
249	35.6	23.6	35.4#	

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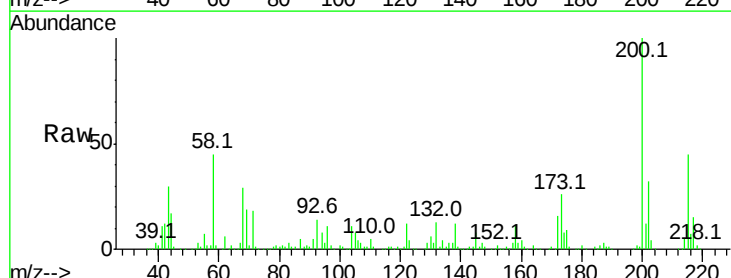


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

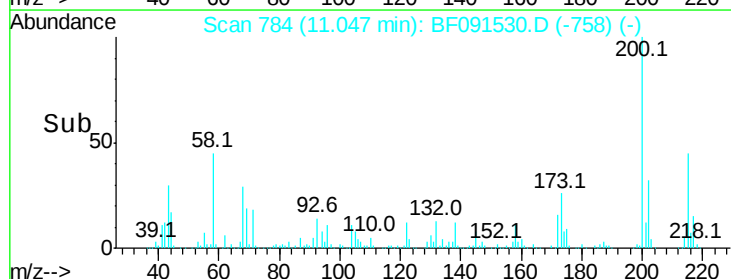
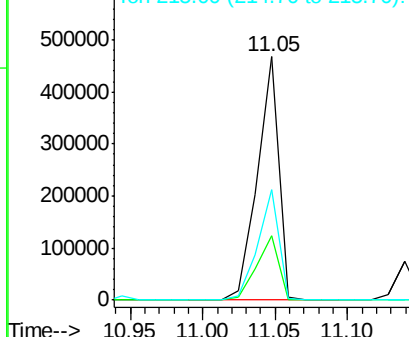


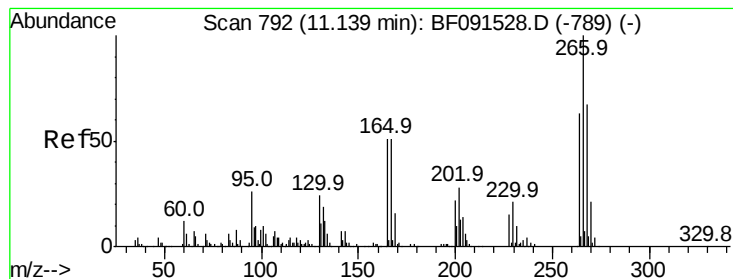
#68
Atrazine
Concen: 57.35 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.2	7.8	47.8	
215	45.3	24.3	64.3	



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





#69

Pentachlorophenol

Concen: 52.70 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

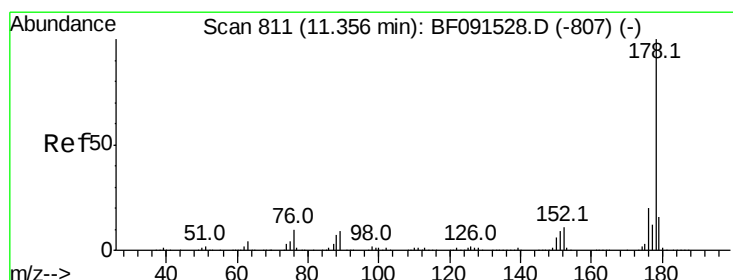
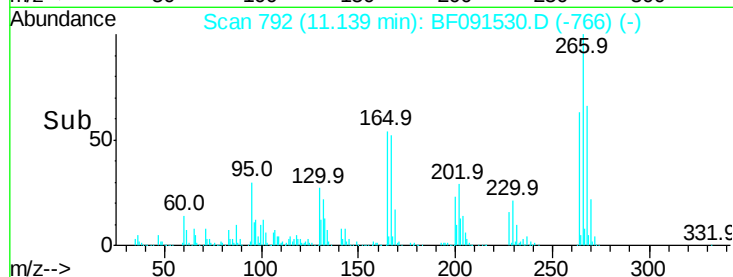
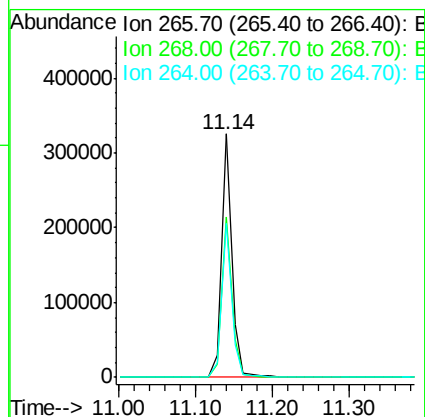
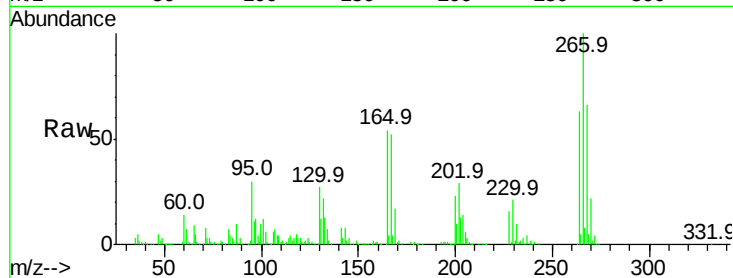
ClientSampleId :

SSTDIC060

Tot Ion:	266	Resp:	304841
Ion Ratio	Lower	Upper	
266	100		
268	65.7	50.3	75.5
264	63.3	48.2	72.2

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#70

Phenanthrene

Concen: 50.77 ng

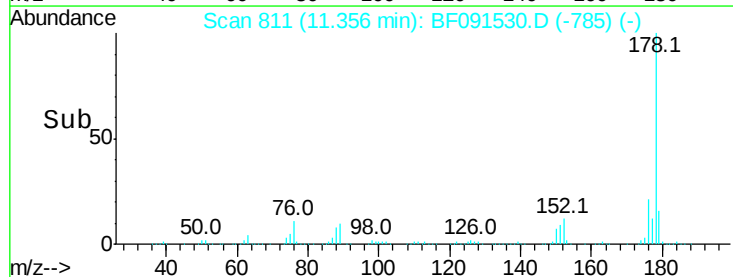
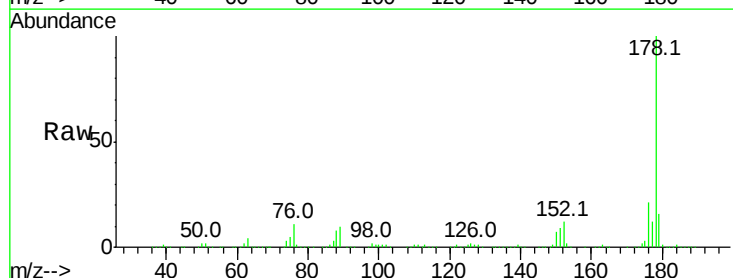
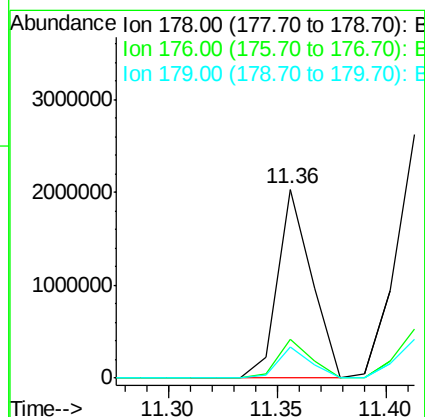
RT: 11.36 min Scan# 811

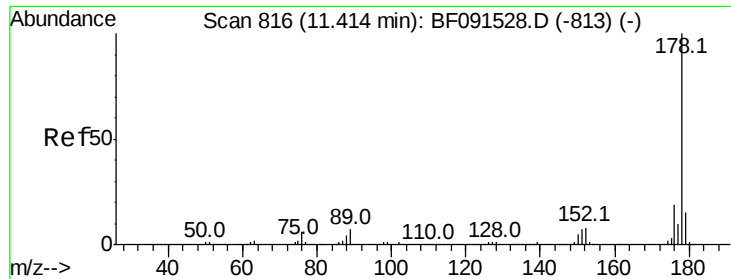
Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Tgt Ion:	178	Resp:	2231778
Ion Ratio	Lower	Upper	
178	100		
176	20.5	15.9	23.9
179	16.5	12.6	18.8





#71
 Anthracene
 Concen: 57.77 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

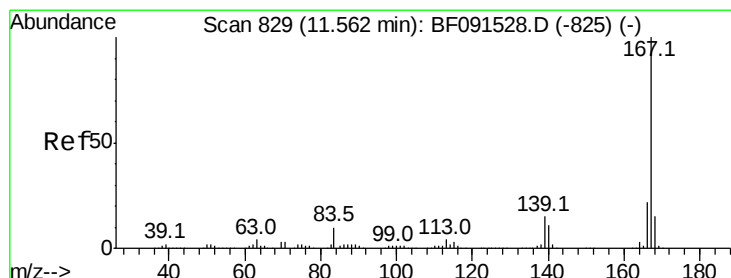
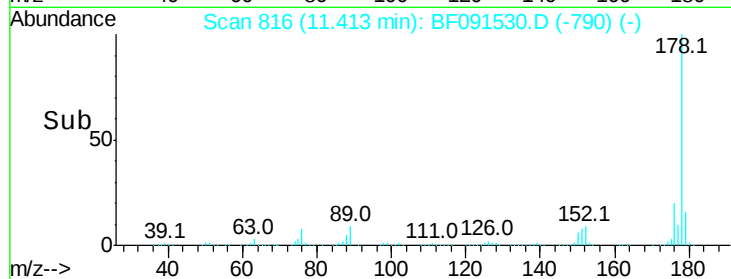
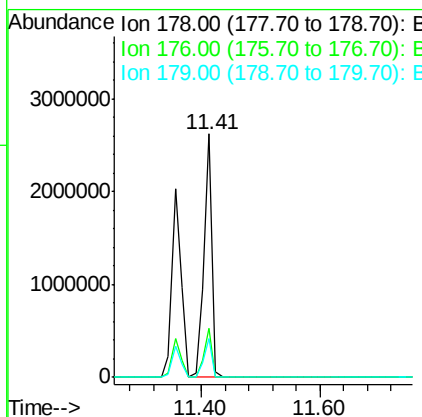
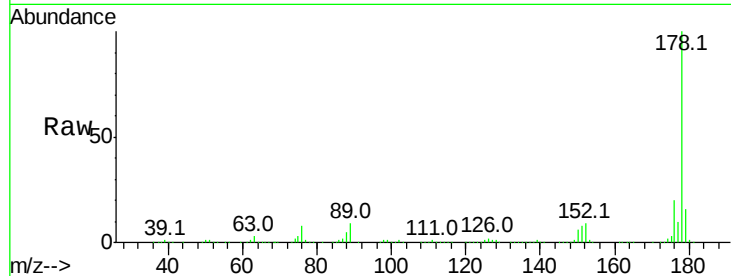
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:178 Resp: 2520475

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.6
179	16.2	12.7	19.1

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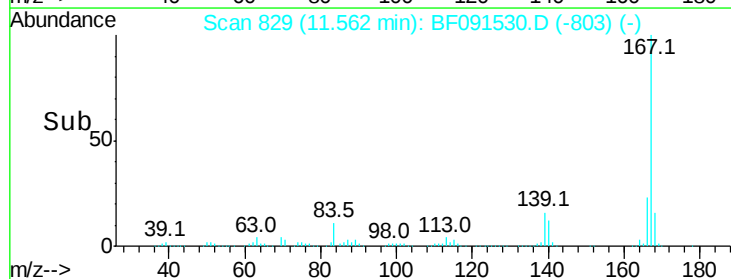
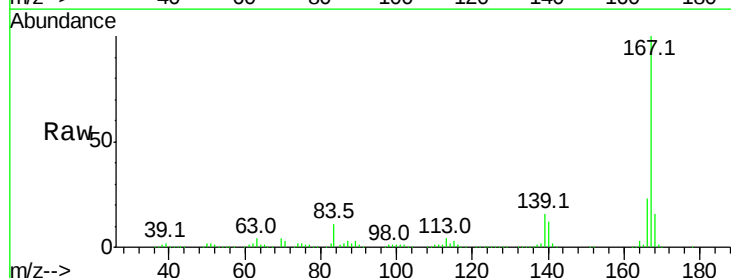
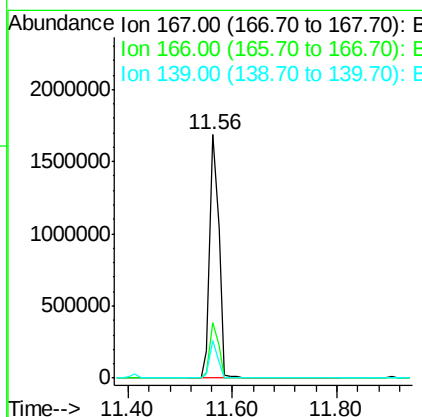
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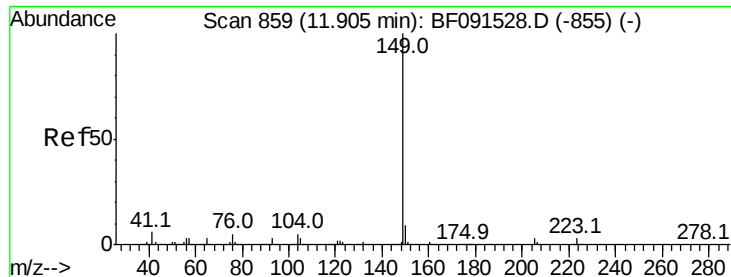


#72
 Carbazole
 Concen: 51.79 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Tgt Ion:167 Resp: 2050168

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	15.5	11.5	17.3





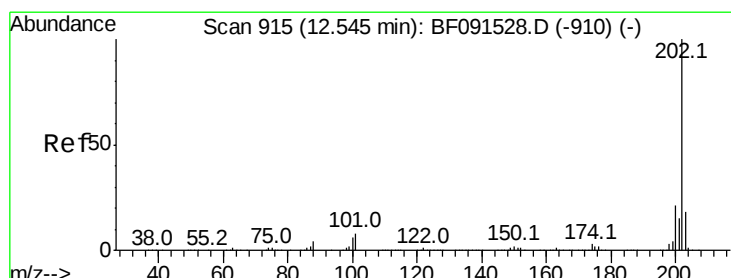
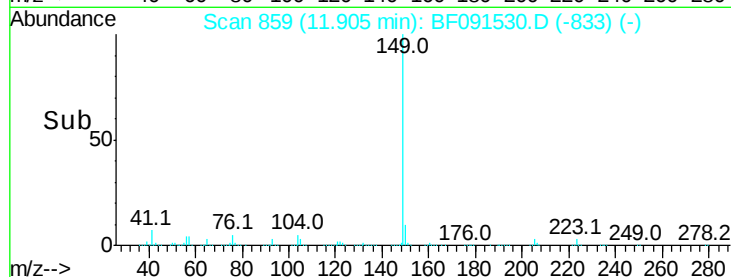
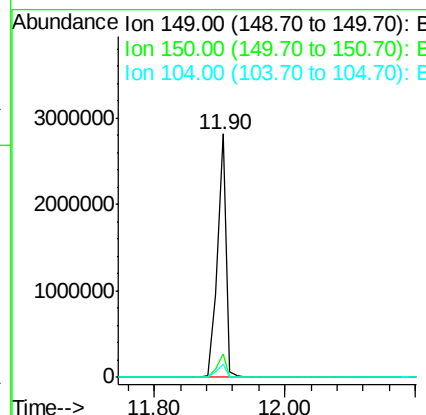
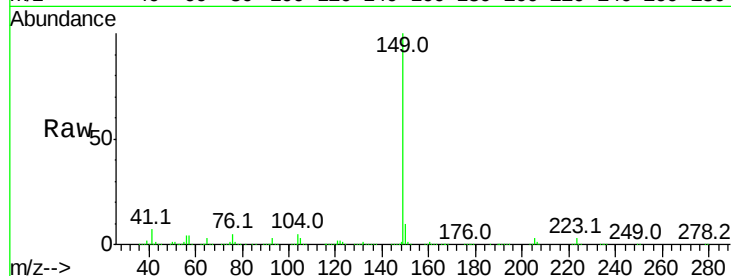
#73
Di-n-butylphthalate
Concen: 59.45 ng
RT: 11.90 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:149 Resp: 2667486
Ion Ratio Lower Upper
149 100
150 9.8 7.5 11.3
104 5.4 4.0 6.0

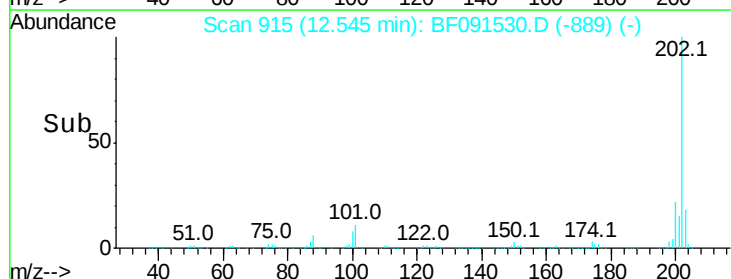
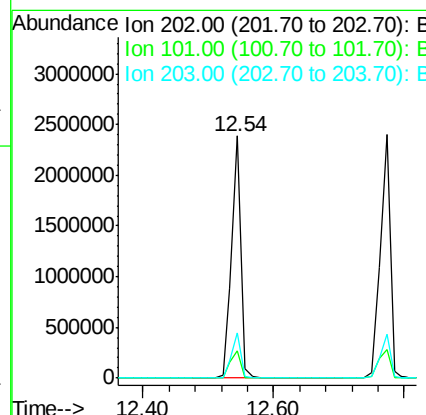
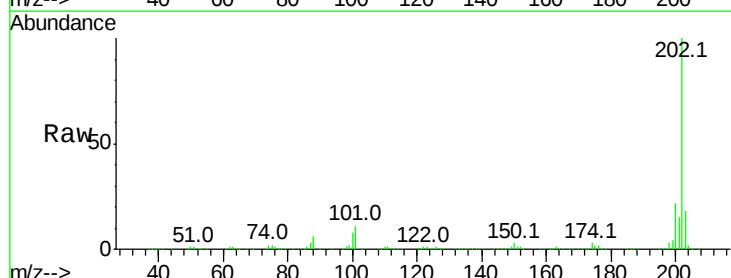
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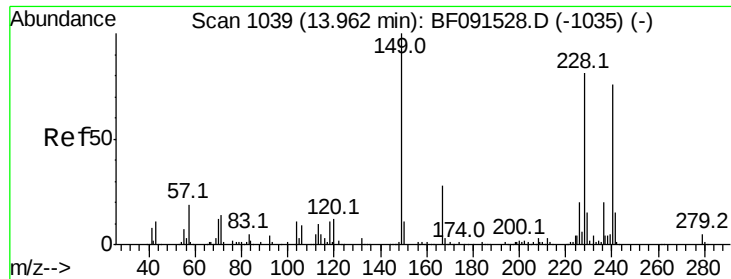
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#74
Fluoranthene
Concen: 56.76 ng
RT: 12.54 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion:202 Resp: 2363547
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.5
203 18.5 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

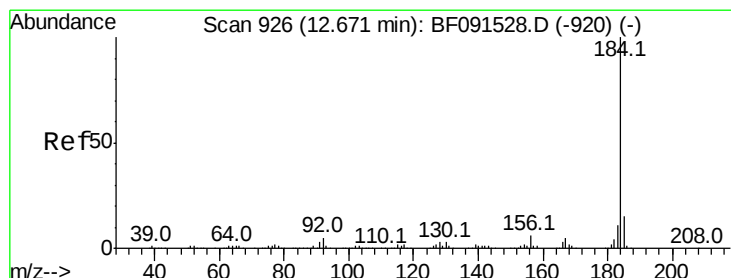
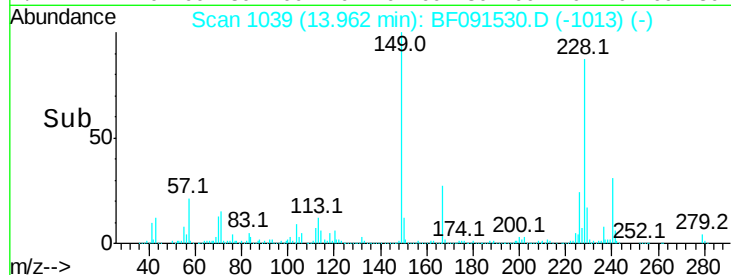
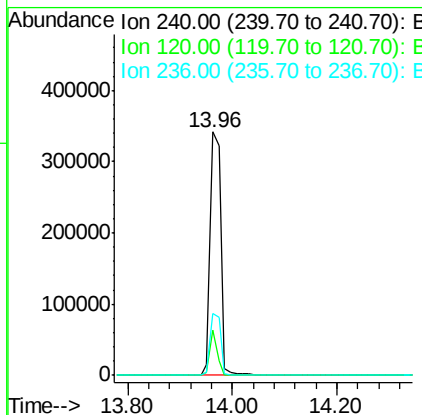
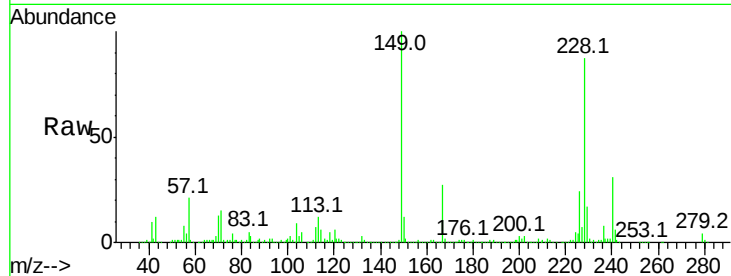
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
240	100	486418		
120	18.8	12.1	18.1	#
236	25.3	21.0	31.6	

Manual Integrations
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#76

Benzidine

Concen: 62.15 ng

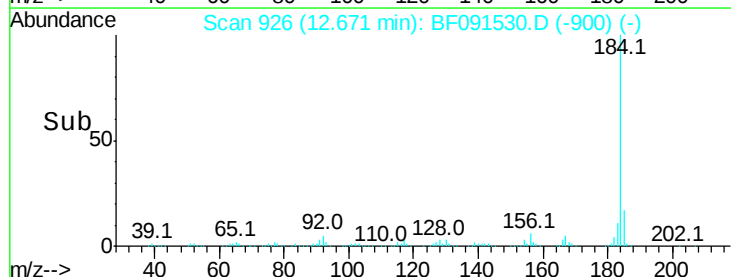
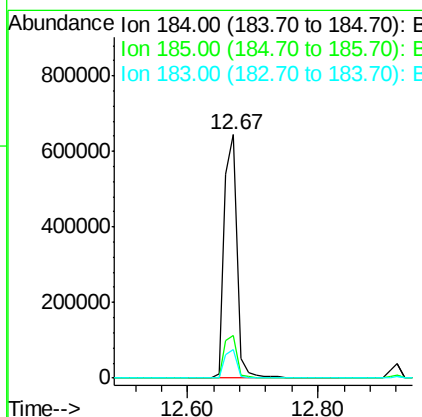
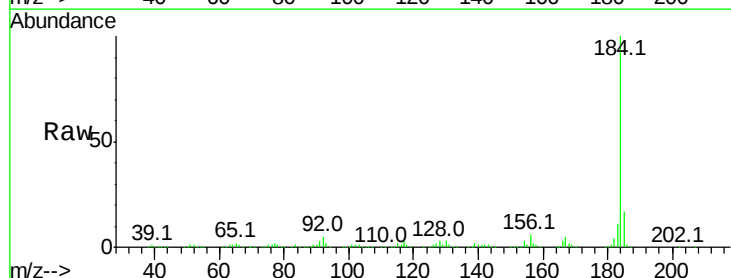
RT: 12.67 min Scan# 926

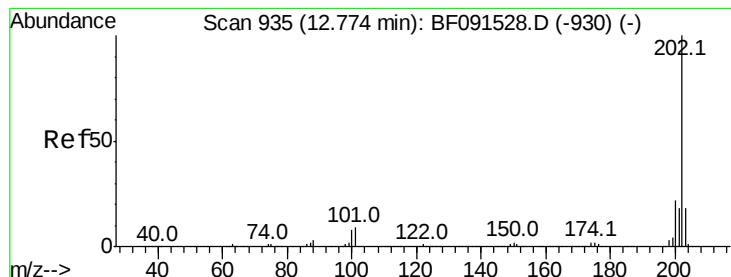
Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	887465		
185	17.5	13.1	19.7	
183	11.5	8.9	13.3	





#77

Pvrene

Concen: 67.71 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:202 Resp: 2499309

Ion Ratio Lower Upper

202 100

200 22.6 17.6 26.4

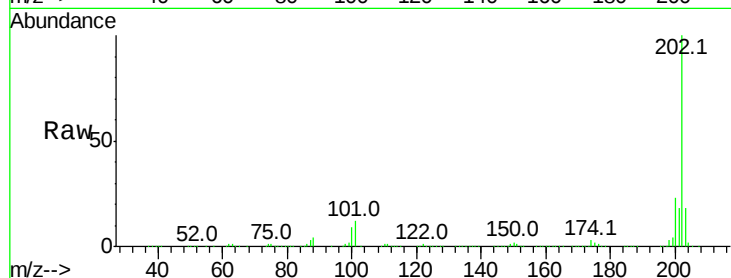
203 18.0 14.0 21.0

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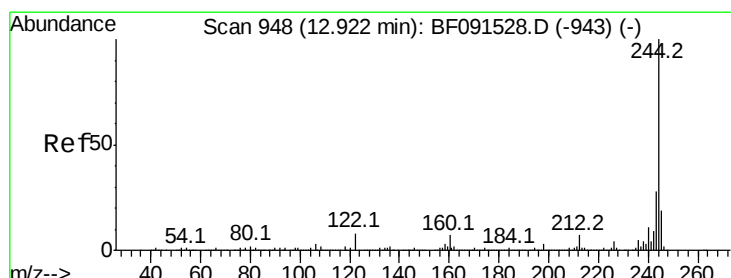
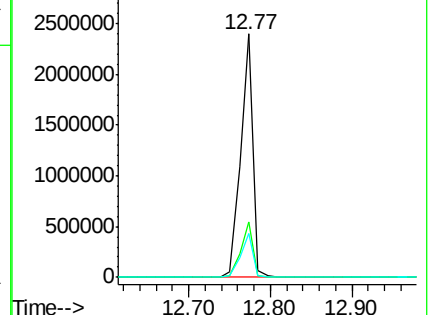
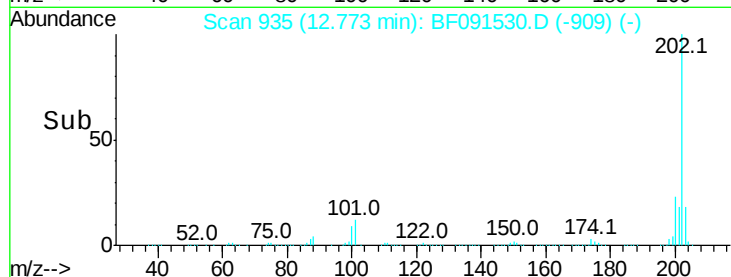
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 115.67 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

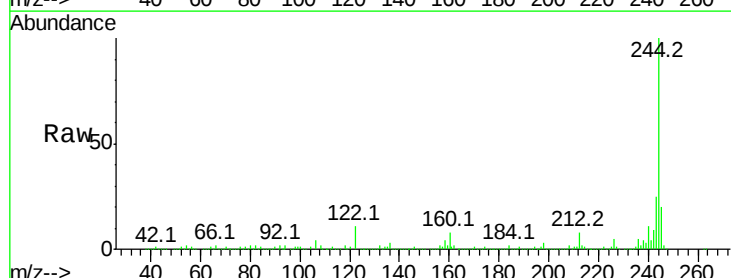
Tgt Ion:244 Resp: 2588533

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

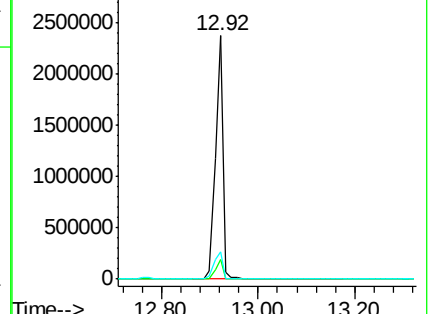
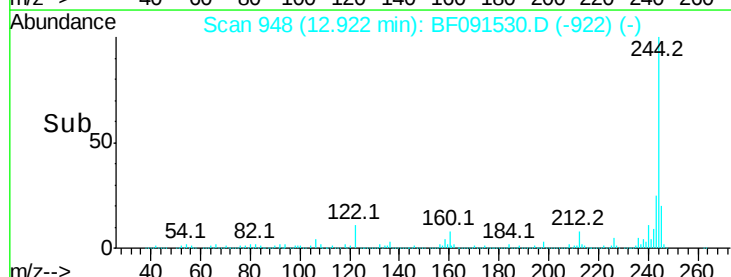
122 11.1 9.5 14.3

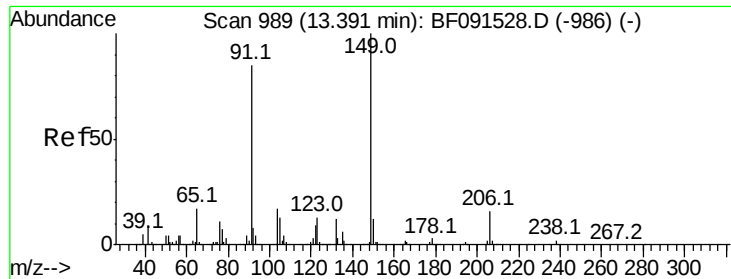


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





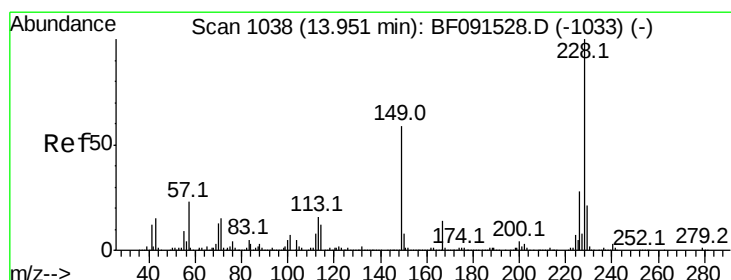
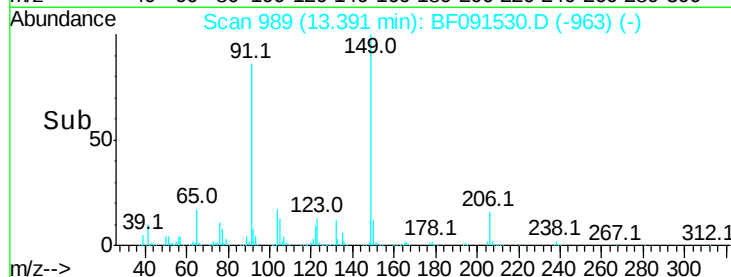
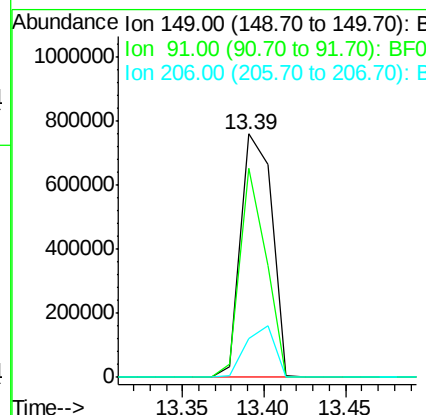
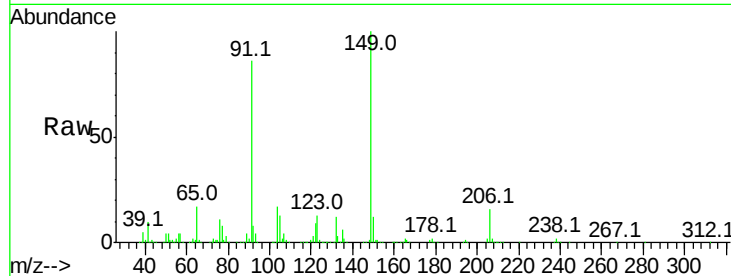
#79
Butylbenzylphthalate
Concen: 72.71 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
149	100		
91	85.6	57.4	86.2
206	15.9	15.4	23.2

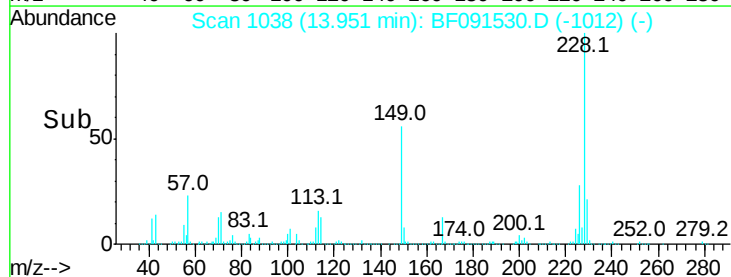
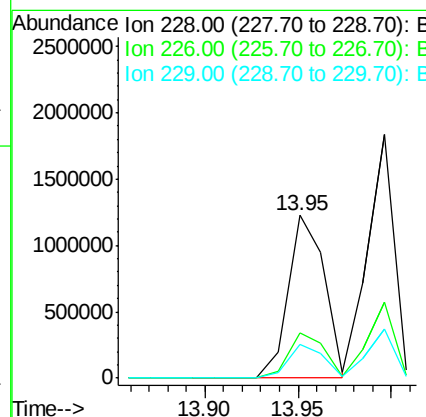
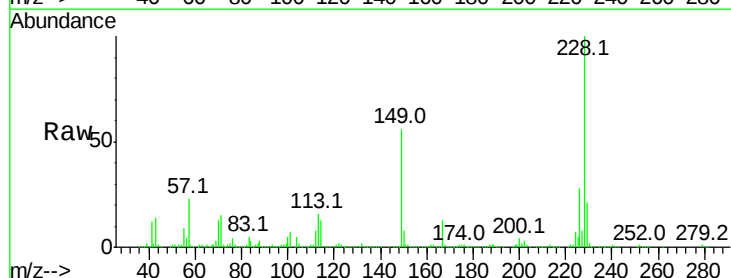
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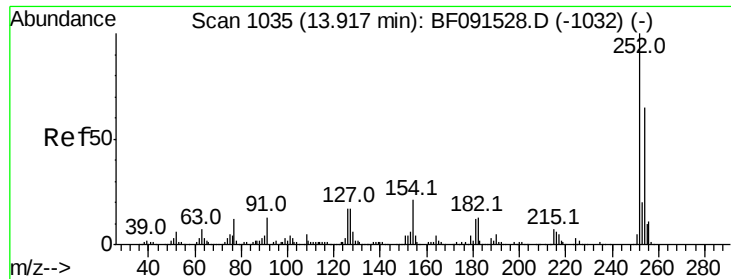
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#80
Benzo(a)anthracene
Concen: 58.43 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.5	33.7
229	20.6	16.4	24.6





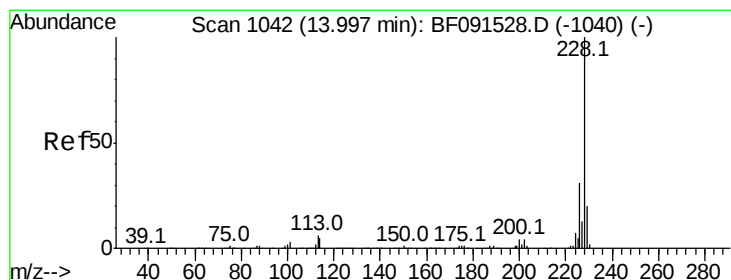
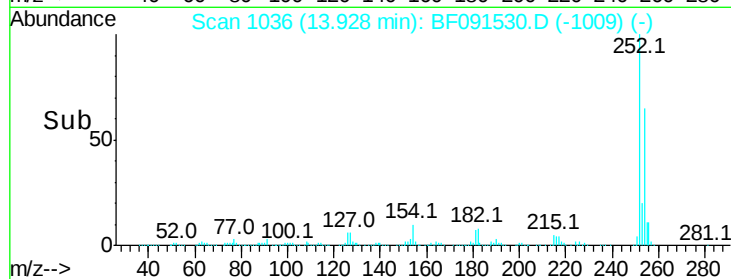
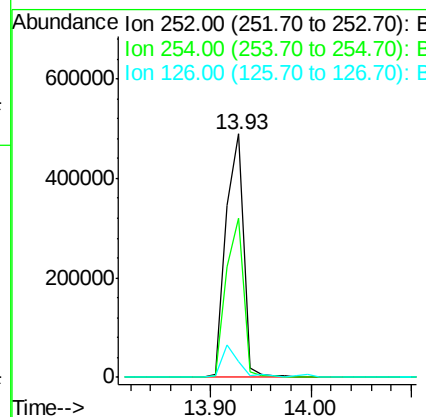
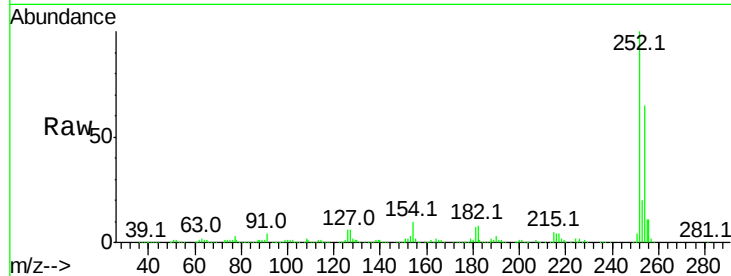
#81
 3,3'-Dichlorobenzidine
 Concen: 60.38 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.01 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.1	52.1	78.1
126	6.4	7.5	11.3

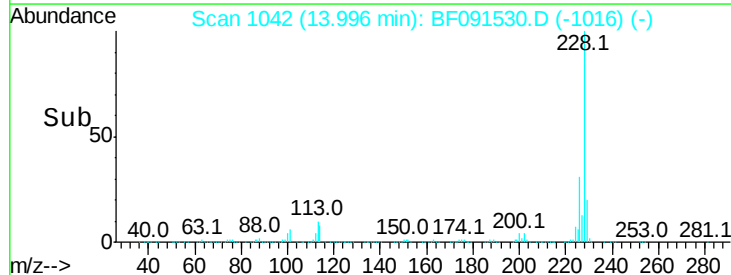
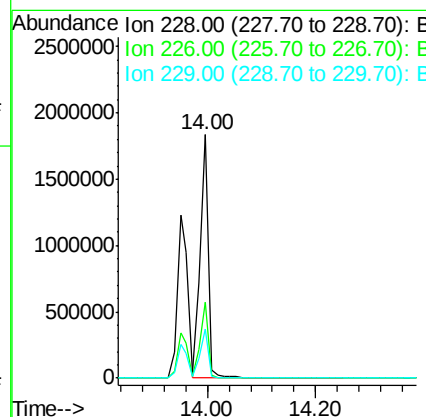
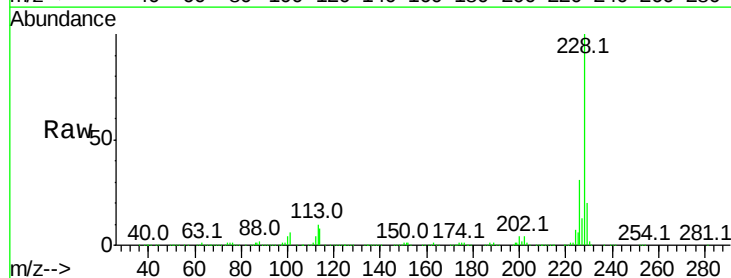
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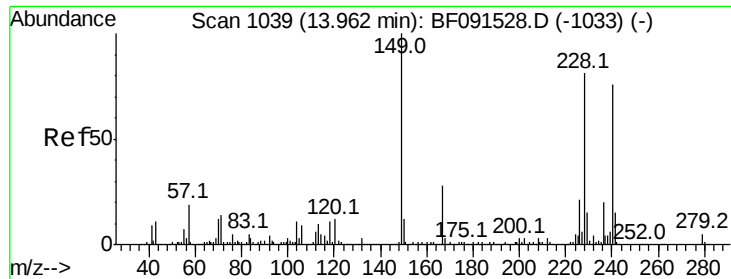
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#82
 Chrysene
 Concen: 65.84 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	25.0	37.4
229	20.4	16.0	24.0





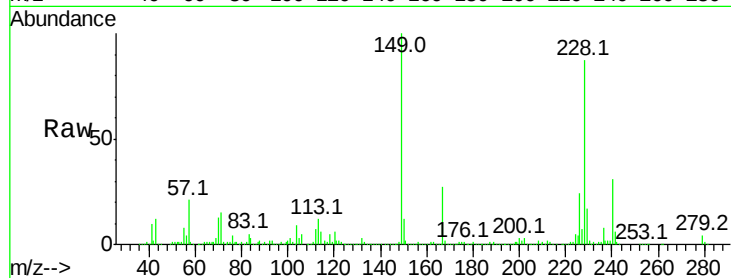
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 71.59 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

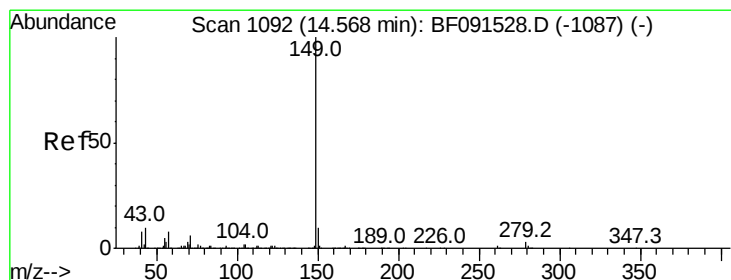
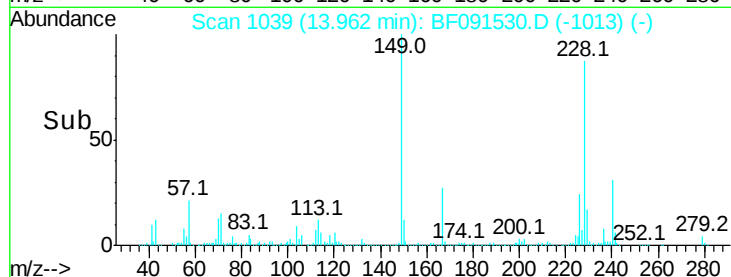
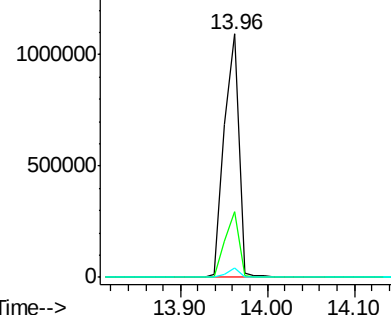
Tot Ion:149 Resp: 1254304
 Ion Ratio Lower Upper
 149 100
 167 27.0 19.6 29.4
 279 4.0 1.9 2.9#

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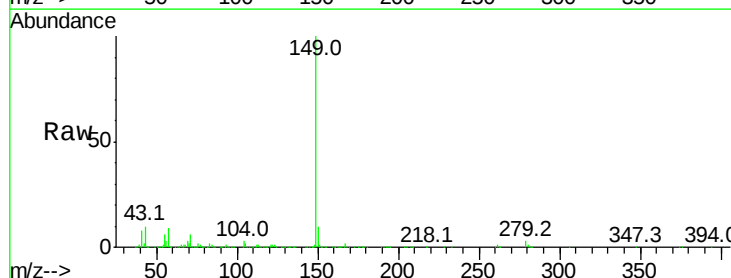


Abundance Ion 149.00 (148.70 to 149.70): E
 1500000
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

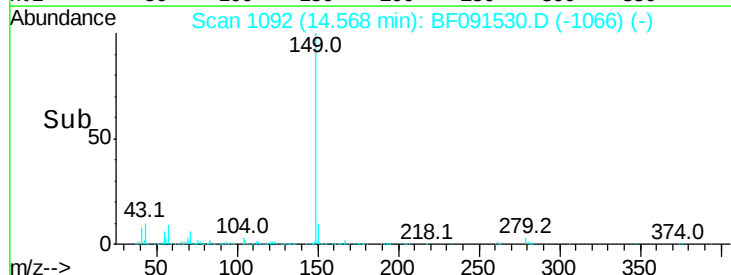
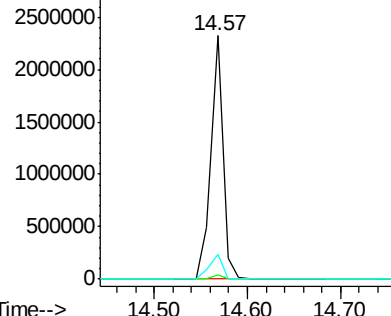


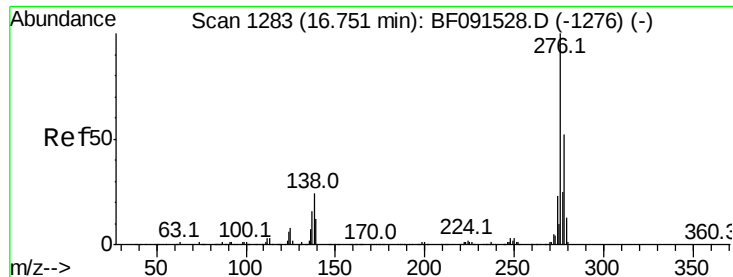
#84
 Di-n-octyl phthalate
 Concen: 78.94 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Tgt Ion:149 Resp: 2092977
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.3 11.9 17.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 3000000
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





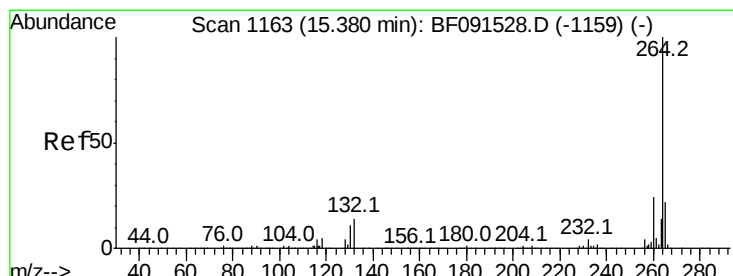
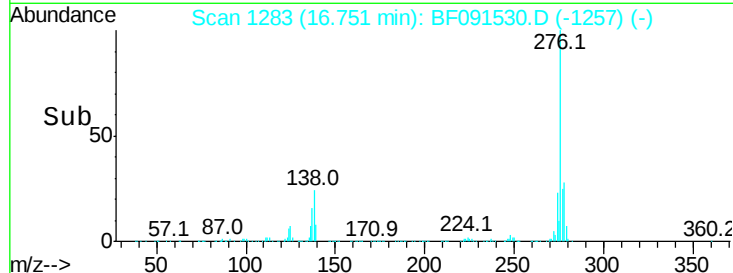
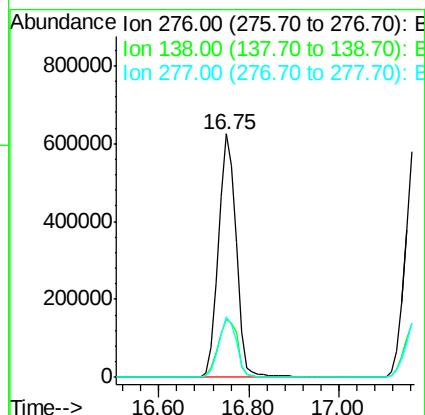
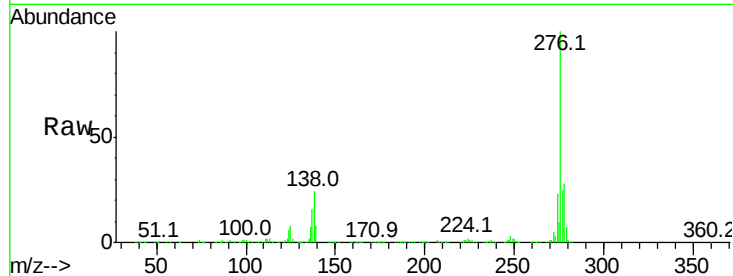
#85
Indeno(1,2,3-cd)pyrene
Concen: 66.81 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.0	31.4
277	25.1	20.2	30.2

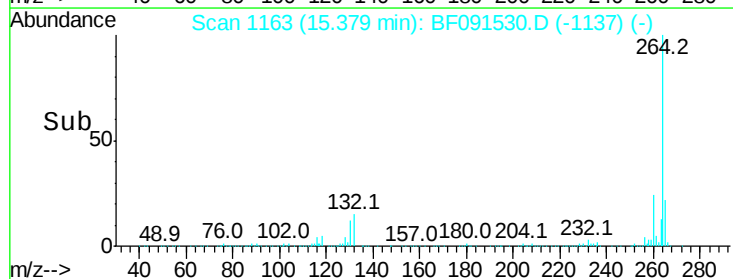
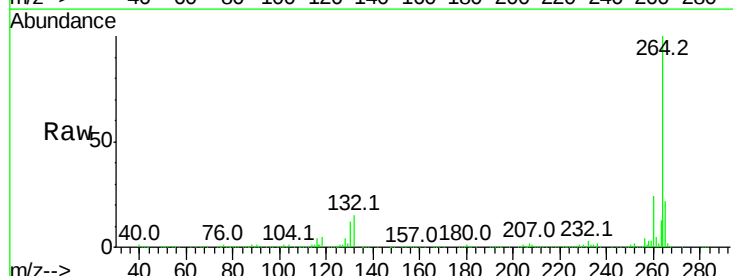
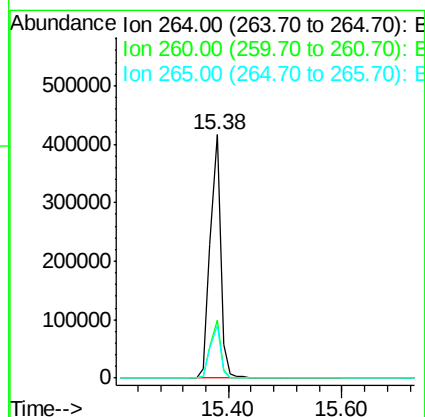
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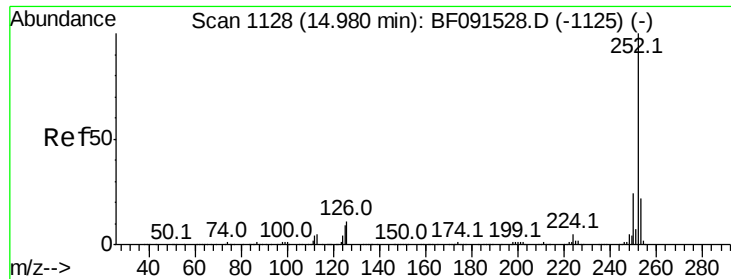
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.6	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 54.15 ng

RT: 14.98 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:252 Resp: 1709196

Ion Ratio Lower Upper

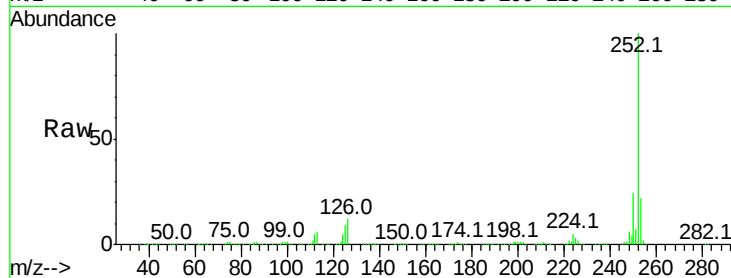
252 100

253 22.2 18.2 27.2

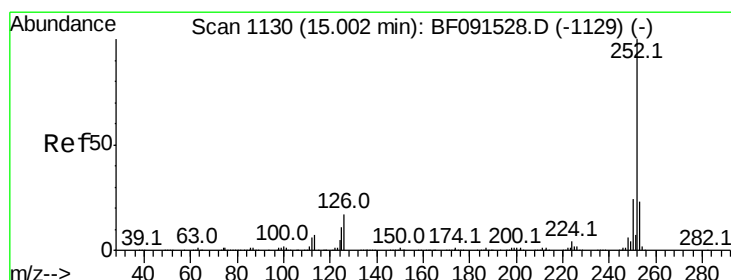
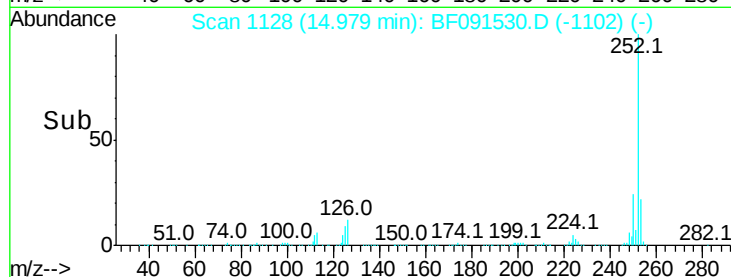
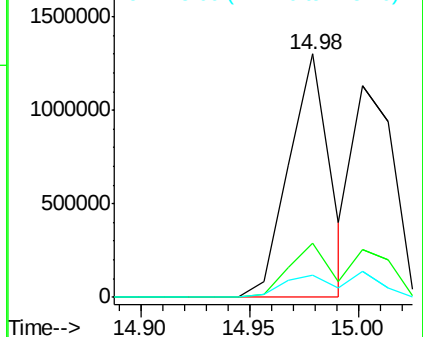
125 9.4 8.6 13.0

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



#88

Benzo(k)fluoranthene

Concen: 55.38 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Tgt Ion:252 Resp: 1469852

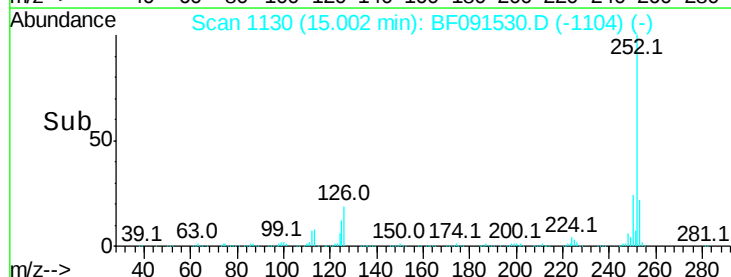
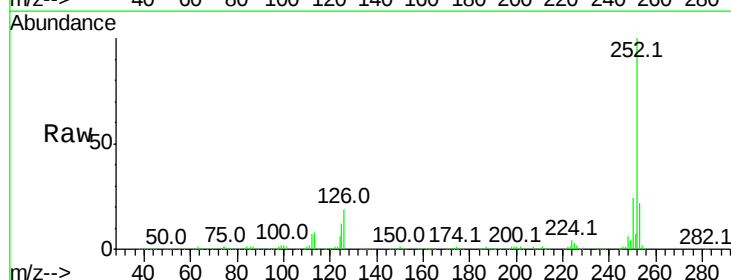
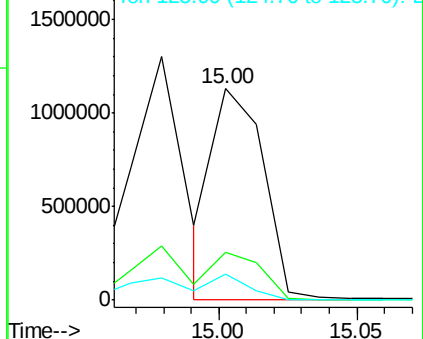
Ion Ratio Lower Upper

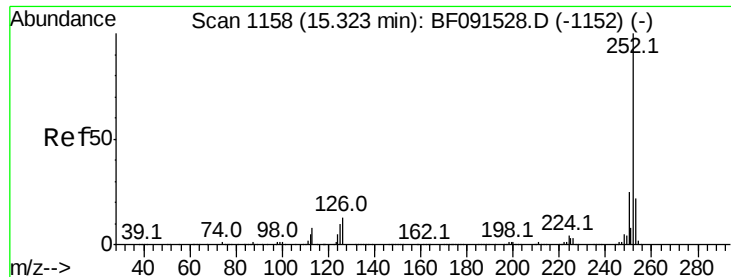
252 100

253 22.4 17.8 26.8

125 12.5 9.6 14.4

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





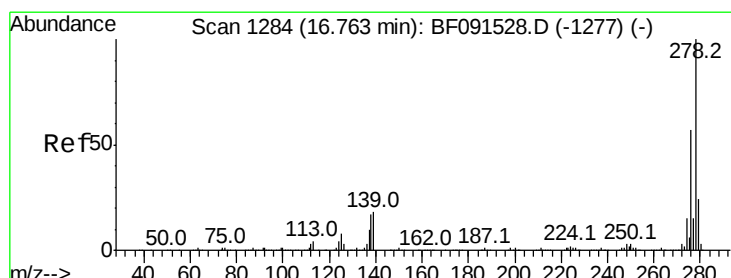
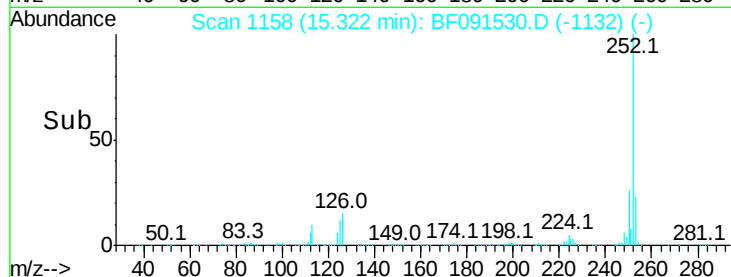
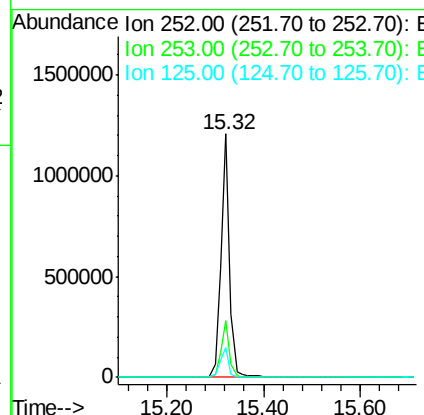
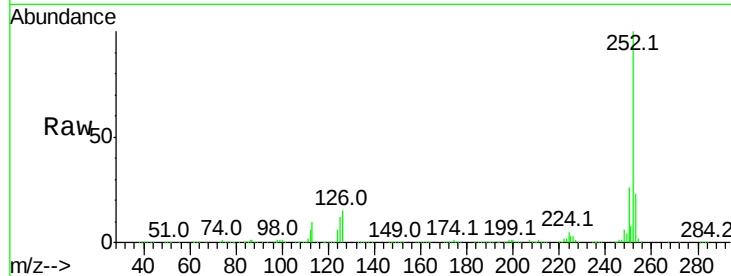
#89
Benzo(a)pyrene
Concen: 53.25 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	12.2	10.4	15.6

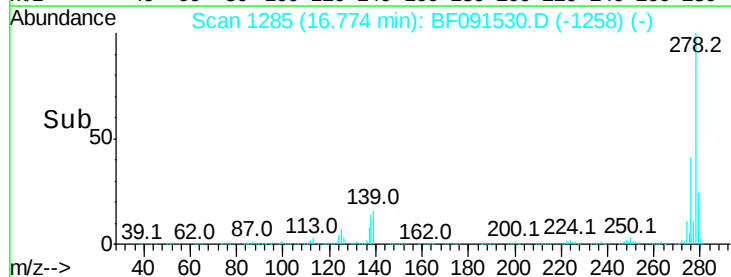
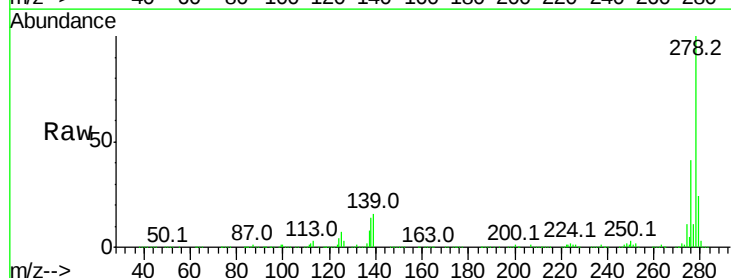
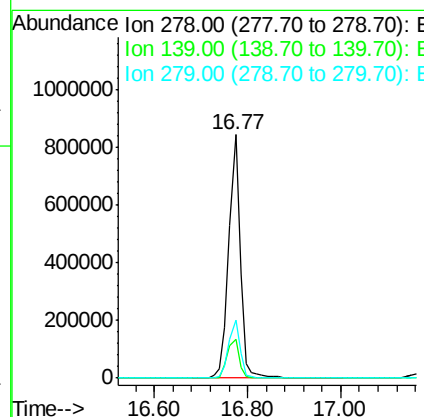
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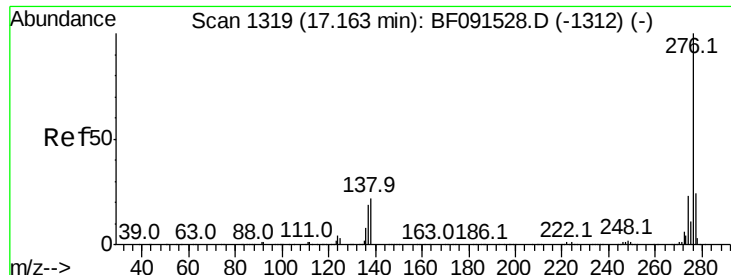
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#90
Dibenzo(a,h)anthracene
Concen: 54.57 ng
RT: 16.77 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	15.1	22.7
279	23.6	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 55.92 ng
 RT: 17.17 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	21.2	15.4	23.0

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