

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112816\
 Data File : BF091312.D
 Acq On : 28 Nov 2016 12:52
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

UMANGI
 11/29/2016 9:26:28 AM

Quant Time: Nov 28 18:16:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	229128	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	870138	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	512828	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	871827	20.00	ng	0.00
75) Chrysene-d12	14.05	240	593776	20.00	ng	0.00
86) Perylene-d12	15.48	264	485531	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1150876	80.70	ng	0.00
7) Phenol-d6	6.50	99	1435788	78.36	ng	0.00
23) Nitrobenzene-d5	7.44	82	1238577	81.95	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	372121	71.96	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2294975	73.28	ng	0.00
78) Terphenyl-d14	13.00	244	2260823	86.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	243973	36.27	ng	88
3) Pyridine	3.21	79	678680	37.54	ng	86
4) n-Nitrosodimethylamine	3.17	42	380420	38.43	ng	94
6) Aniline	6.54	93	912488	38.96	ng	# 69
8) 2-Chlorophenol	6.66	128	619659	39.89	ng	94
9) Benzaldehyde	6.42	77	340837	36.53	ng	81
10) Phenol	6.53	94	736844	36.04	ng	90
11) bis(2-Chloroethyl)ether	6.62	93	620318	41.28	ng	93
12) 1,3-Dichlorobenzene	6.81	146	643423m	37.99	ng	
13) 1,4-Dichlorobenzene	6.89	146	635942	36.68	ng	96
14) 1,2-Dichlorobenzene	7.05	146	629403	38.27	ng	94
15) Benzyl Alcohol	7.02	79	511900	35.98	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1246454	37.83	ng	72
17) 2-Methylphenol	7.13	107	475106	38.65	ng	# 77
18) Hexachloroethane	7.40	117	245241	39.73	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	458203	39.87	ng	# 86
20) 3+4-Methylphenols	7.29	107	604172	40.04	ng	# 46
22) Acetophenone	7.29	105	762774	38.85	ng	# 86
24) Nitrobenzene	7.46	77	710272	44.41	ng	# 88
25) Isophorone	7.70	82	1109989	39.31	ng	99
26) 2-Nitrophenol	7.78	139	305182	47.58	ng	# 69
27) 2,4-Dimethylphenol	7.82	122	543561	40.38	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	695098	41.35	ng	98
29) 2,4-Dichlorophenol	8.02	162	508095	42.71	ng	92
30) 1,2,4-Trichlorobenzene	8.10	180	534757	39.02	ng	99
31) Naphthalene	8.18	128	1565020	37.39	ng	99
32) Benzoic acid	7.96	122	473824	44.70	ng	93
33) 4-Chloroaniline	8.24	127	744325	40.88	ng	97
34) Hexachlorobutadiene	8.31	225	336599	41.55	ng	98
35) Caprolactam	8.62	113	152726m	41.64	ng	
36) 4-Chloro-3-methylphenol	8.72	107	540748	42.30	ng	# 79
37) 2-Methylnaphthalene	8.88	142	1199271	41.75	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	493027	35.48	ng	98
40) Hexachlorocyclopentadiene	9.04	237	260198	41.83	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	401778	41.92	nq	97
43) 2,4,5-Trichlorophenol	9.19	196	322302	35.00	nq #	89
45) 1,1'-Biphenyl	9.35	154	1436844	38.86	nq	93
46) 2-Chloronaphthalene	9.37	162	1075499	39.71	nq	93
47) 2-Nitroaniline	9.46	65	435238	47.36	nq	99
48) Acenaphthylene	9.78	152	1655418	38.14	nq	99
49) Dimethylphthalate	9.65	163	1082687	33.81	nq	97
50) 2,6-Dinitrotoluene	9.70	165	270611	38.69	nq	96
51) Acenaphthene	9.96	154	1101779	37.30	nq	97
52) 3-Nitroaniline	9.88	138	354372	47.13	nq	99
53) 2,4-Dinitrophenol	9.98	184	135322	50.96	nq #	80
54) Dibenzofuran	10.13	168	1454566	35.01	nq	96
55) 4-Nitrophenol	10.02	139	225984	41.67	nq	96
56) 2,4-Dinitrotoluene	10.10	165	344002	38.87	nq #	66
57) Fluorene	10.47	166	1151801	36.22	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	298120	36.82	nq	97
59) Diethylphthalate	10.34	149	1080996	33.55	nq	97
60) 4-Chlorophenyl-phenylether	10.46	204	482567	32.95	nq #	80
61) 4-Nitroaniline	10.49	138	346462	49.38	nq	99
62) Azobenzene	10.62	77	1207732	36.95	nq	86
64) 4,6-Dinitro-2-methylphenol	10.52	198	201668	51.01	nq #	67
65) n-Nitrosodiphenylamine	10.58	169	1068013	40.35	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	344028	36.10	nq	94
67) Hexachlorobenzene	11.02	284	396540	37.96	nq	96
68) Atrazine	11.11	200	224870	27.07	nq	96
69) Pentachlorophenol	11.21	266	222951	36.08	nq	95
70) Phenanthrene	11.43	178	1663046	36.77	nq	98
71) Anthracene	11.48	178	1721178	37.22	nq	100
72) Carbazole	11.64	167	1646484	40.01	nq	99
73) Di-n-butylphthalate	11.97	149	1758931	36.91	nq	99
74) Fluoranthene	12.62	202	1913125	41.59	nq	98
76) Benzidine	12.73	184	635795	55.25	nq	97
77) Pyrene	12.85	202	1925880	43.90	nq	100
79) Butylbenzylphthalate	13.46	149	677793	38.60	nq	89
80) Benzo(a)anthracene	14.02	228	1389577	41.23	nq	98
81) 3,3'-Dichlorobenzidine	14.00	252	509245	45.82	nq #	98
82) Chrysene	14.07	228	1427401	44.82	nq	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	917847	41.99	nq #	92
84) Di-n-octyl phthalate	14.64	149	1413245	41.08	nq	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	1179098	42.99	nq	95
87) Benzo(b)fluoranthene	15.07	252	1163015	37.97	nq	97
88) Benzo(k)fluoranthene	15.10	252	1140133m	45.58	nq	
89) Benzo(a)pyrene	15.42	252	1069708	41.05	nq #	96
90) Dibenzo(a,h)anthracene	16.93	278	992408	41.25	nq #	92
91) Benzo(g,h,i)perylene	17.33	276	1033705	43.32	nq	100

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

```

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Acq On    : 28 Nov 2016   12:52
Operator  : UM/SJ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2      Sample Multiplier: 1

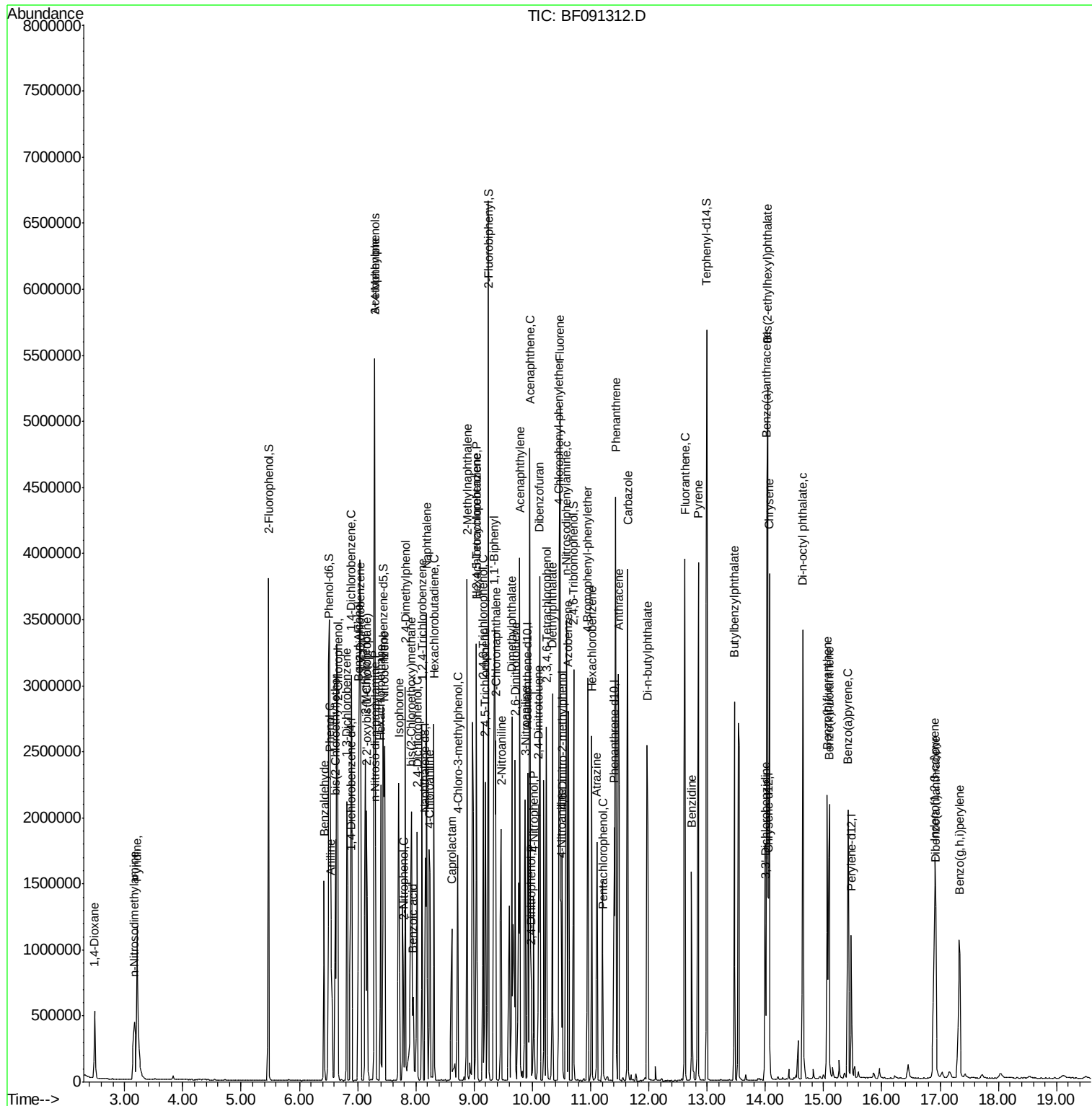
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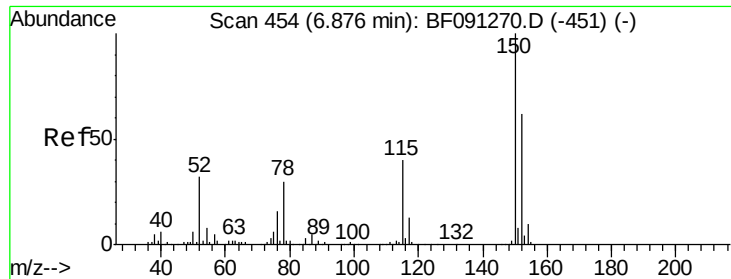
Instrument :
BNA_F
ClientSampleId :
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#1

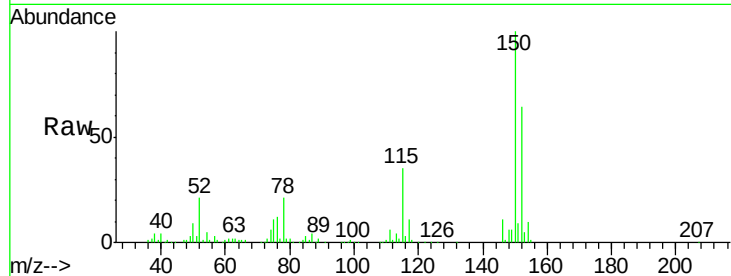
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 402
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

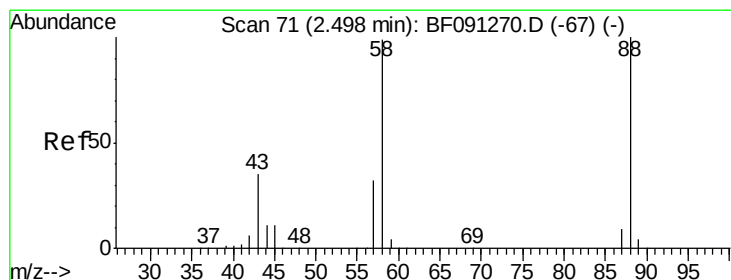
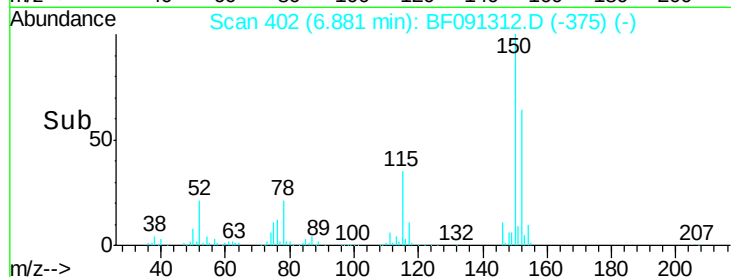
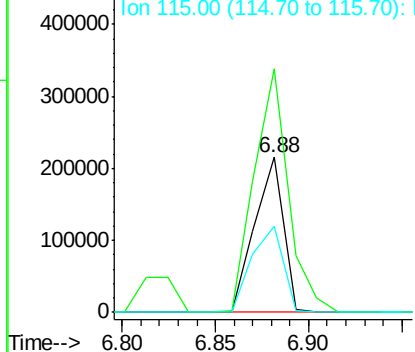
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.5	183.7
115	55.5	51.8	77.8

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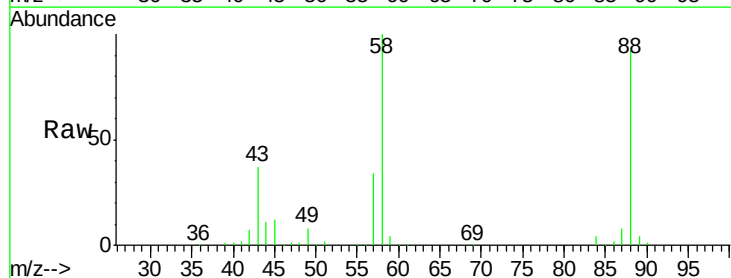
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



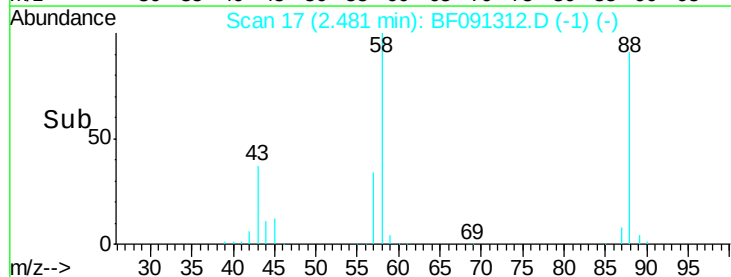
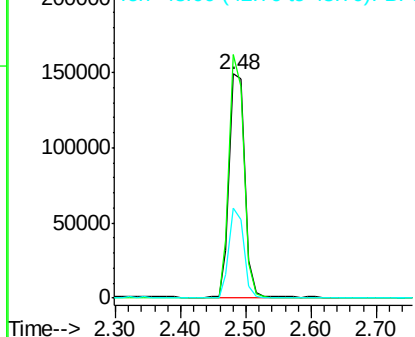
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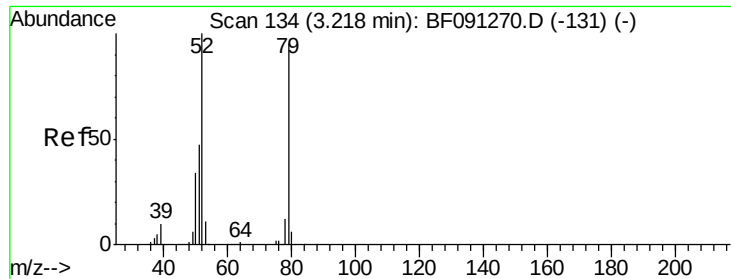
1,4-Dioxane
Concen: 36.27 ng
RT: 2.48 min Scan# 17
Delta R.T. -0.02 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.7	70.3	105.5
43	38.9	31.3	46.9



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





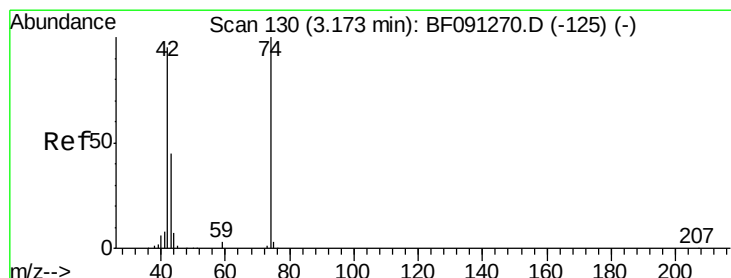
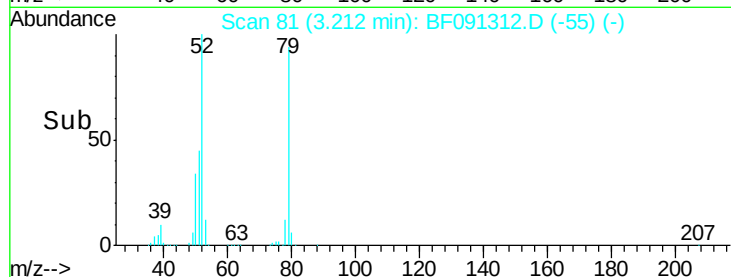
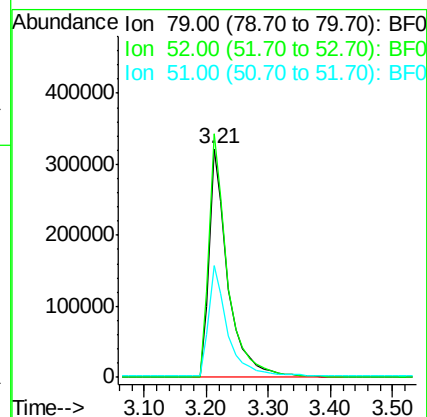
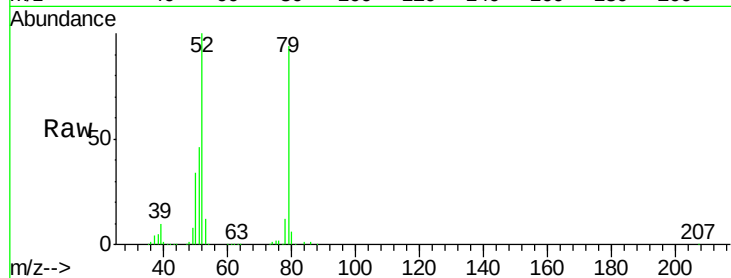
#3
 Pvridine
 Concen: 37.54 ng
 RT: 3.21 min Scan# 81
 Delta R.T. -0.01 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	106.4	71.0	106.4
51	49.0	37.0	55.4

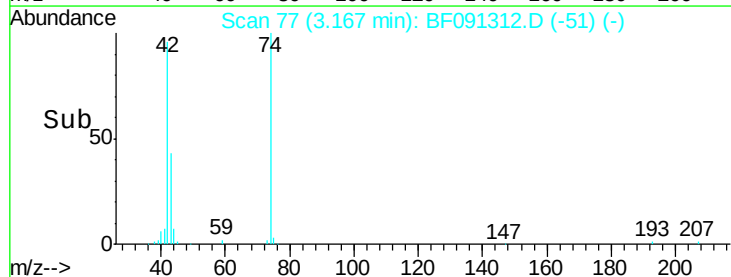
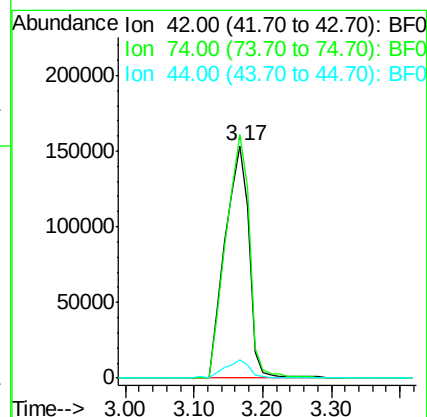
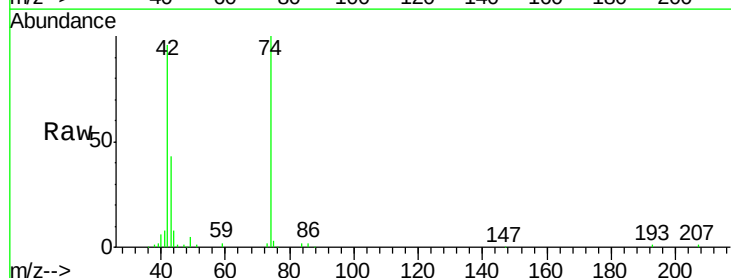
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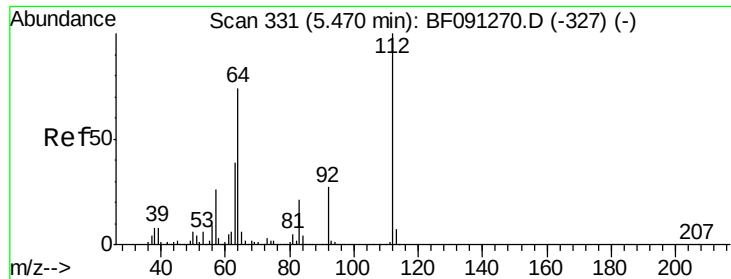
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#4
 n-Nitrosodimethylamine
 Concen: 38.43 ng
 RT: 3.17 min Scan# 77
 Delta R.T. -0.01 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	104.6	78.9	118.3
44	8.0	5.8	8.6





#5

2-Fluorophenol

Concen: 80.70 ng

RT: 5.48 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Instrument :

BNA_F

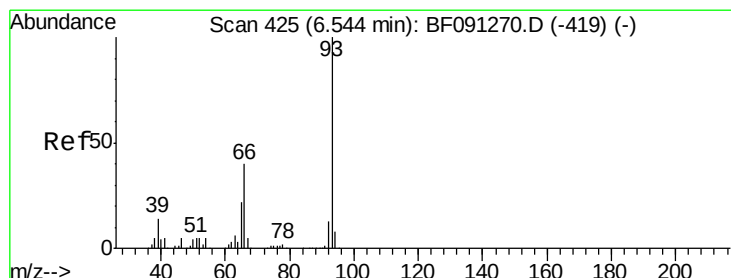
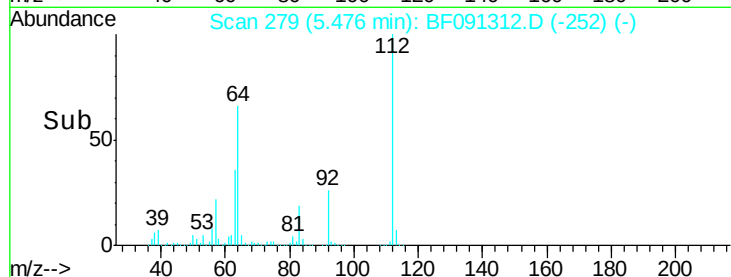
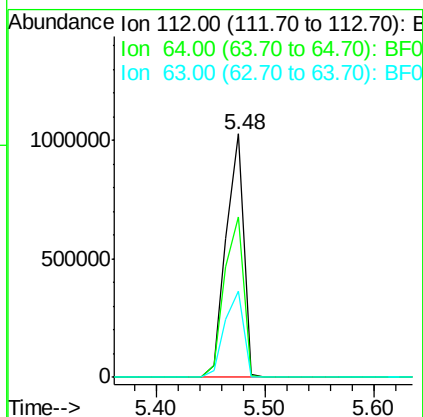
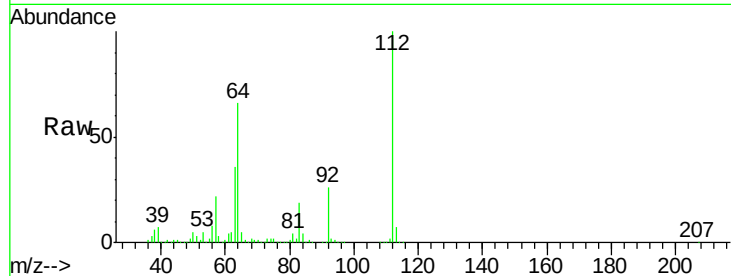
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	1150876
Ion	Ratio	Lower	Upper
112	100		
64	66.0	61.5	92.3
63	35.5	33.3	49.9

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#6

Aniline

Concen: 38.96 ng

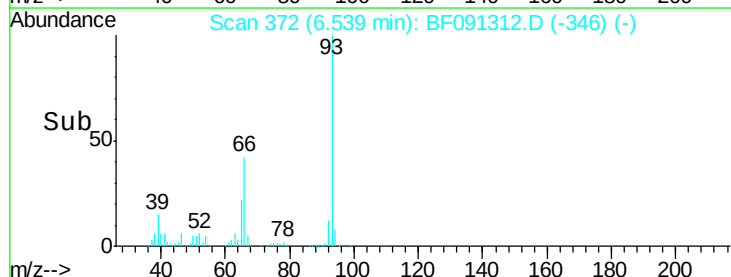
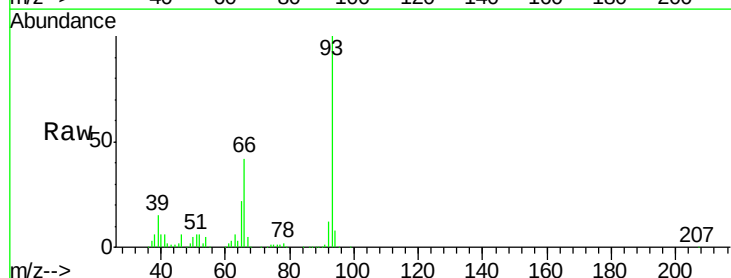
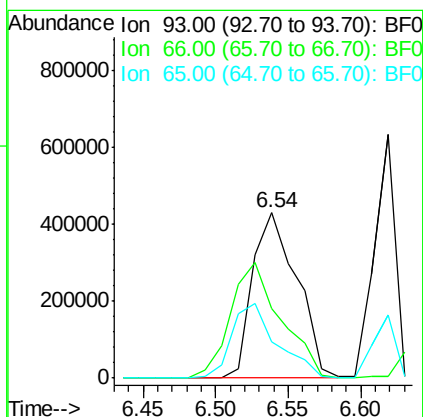
RT: 6.54 min Scan# 372

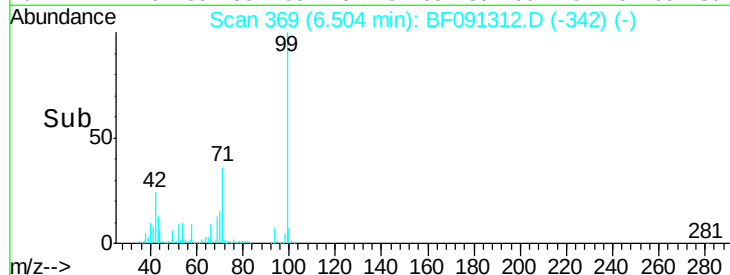
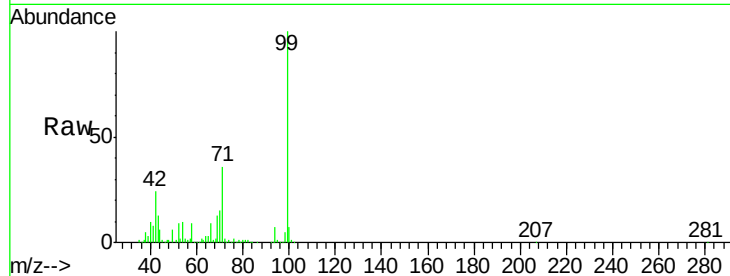
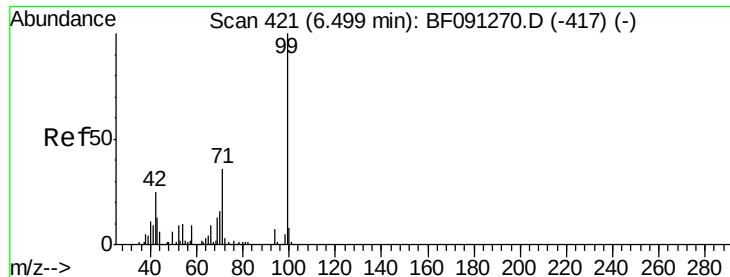
Delta R.T. -0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Tgt Ion:	93	Resp:	912488
Ion	Ratio	Lower	Upper
93	100		
66	41.9	55.8	83.6#
65	22.1	29.9	44.9#





#7

Phenol-d6

Concen: 78.36 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Tot Ion: 99 Resp: 1435788

Ion Ratio Lower Upper

99 100

42 23.7 20.6 31.0

71 36.1 29.9 44.9

Instrument :

BNA_F

ClientSampleId :

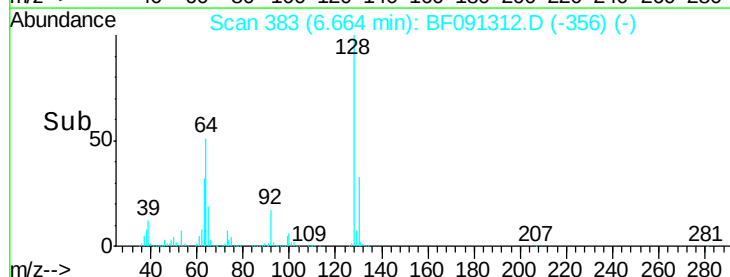
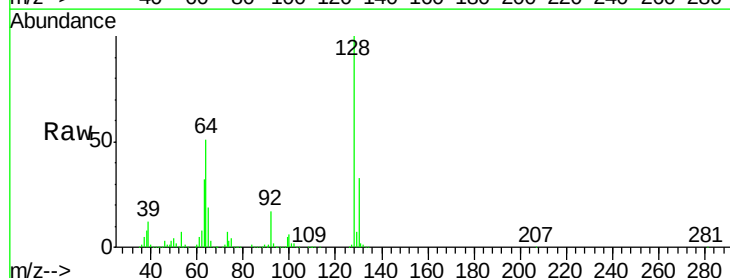
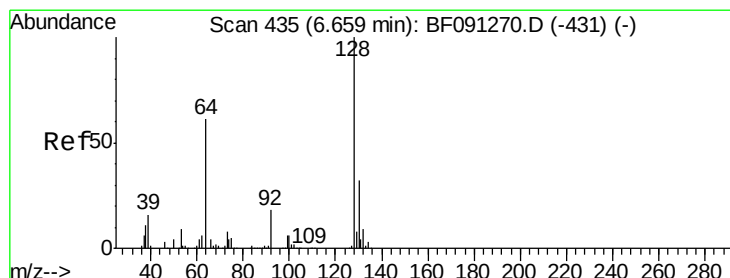
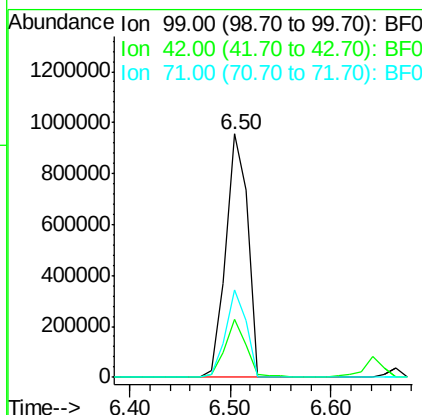
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#8

2-Chlorophenol

Concen: 39.89 ng

RT: 6.66 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

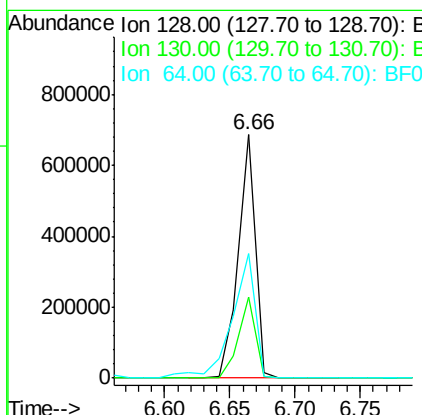
Tgt Ion: 128 Resp: 619659

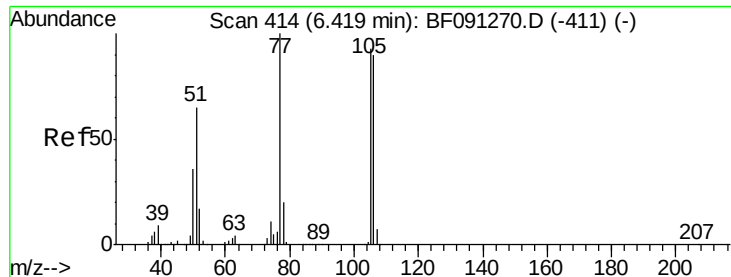
Ion Ratio Lower Upper

128 100

130 33.2 13.1 53.1

64 51.0 24.1 64.1





#9

Benzaldehyde

Concen: 36.53 ng

RT: 6.42 min Scan# 362

Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Instrument :

BNA_F

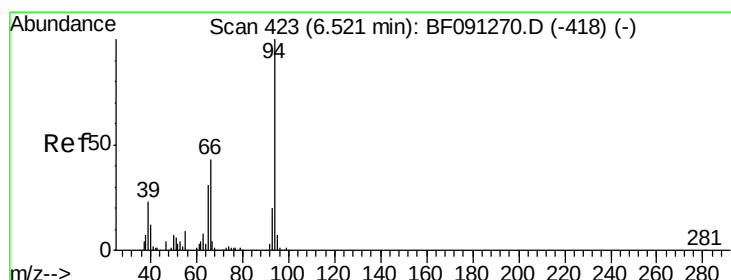
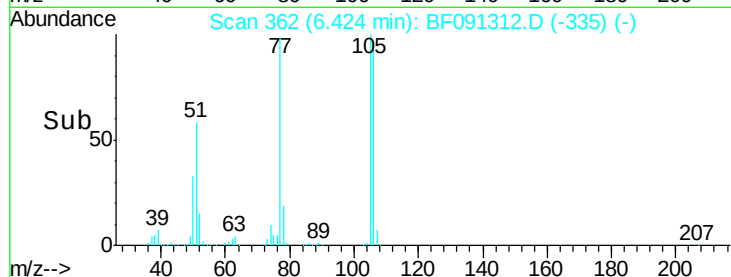
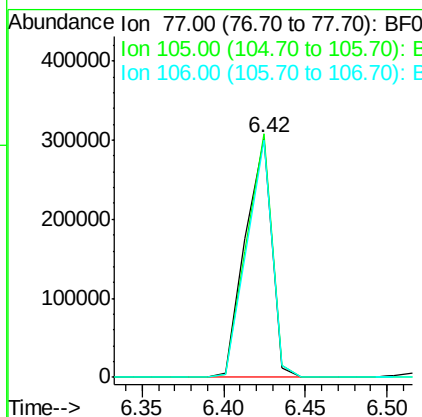
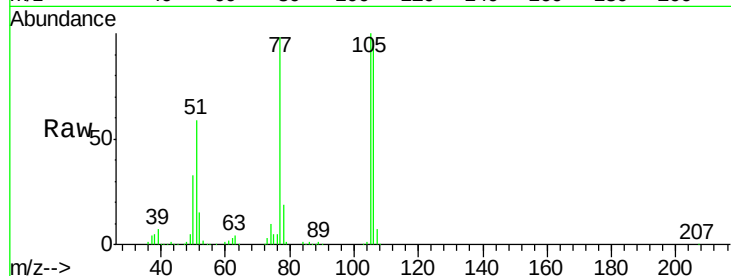
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.8	66.4	106.4		
106	99.2	60.9	100.9		

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#10

Phenol

Concen: 36.04 ng

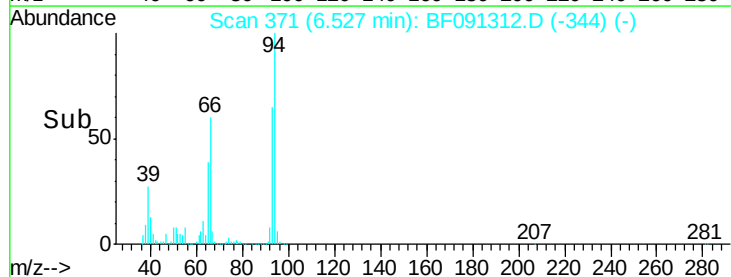
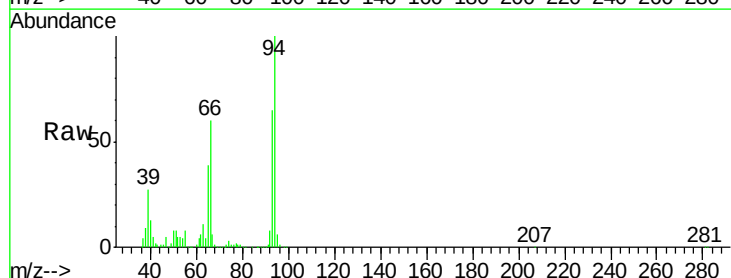
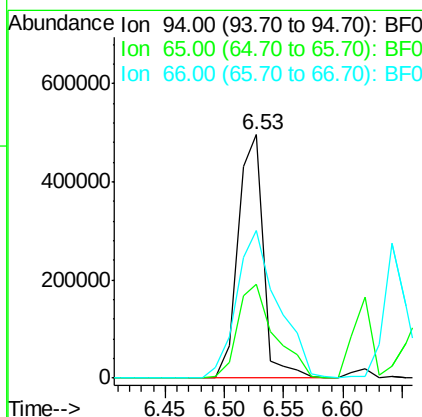
RT: 6.53 min Scan# 371

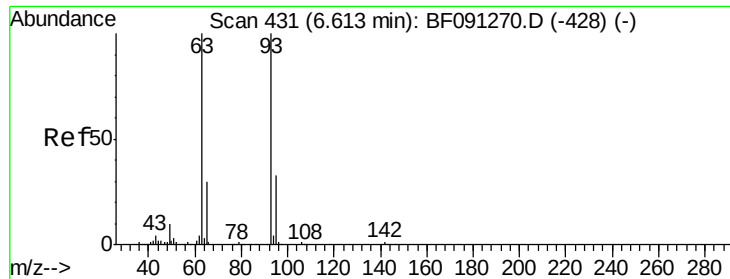
Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	38.8	16.9	56.9		
66	60.4	30.6	70.6		





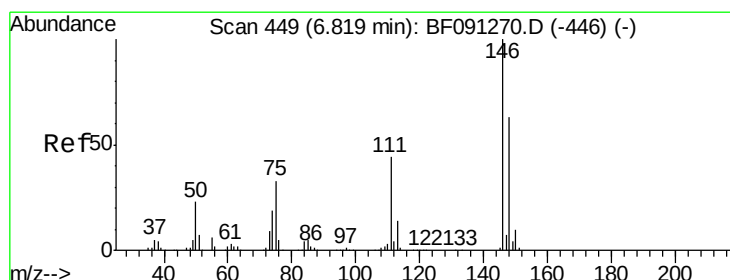
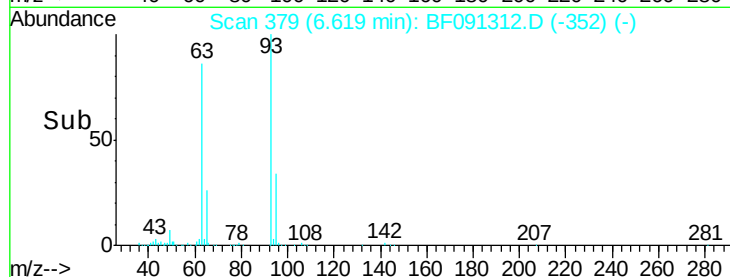
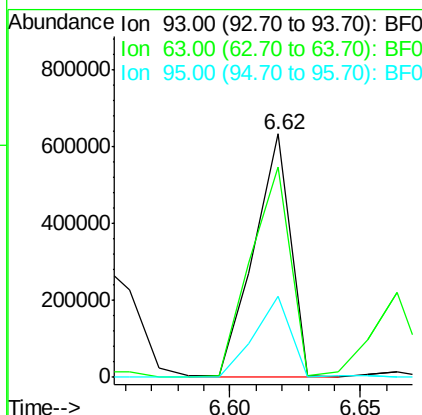
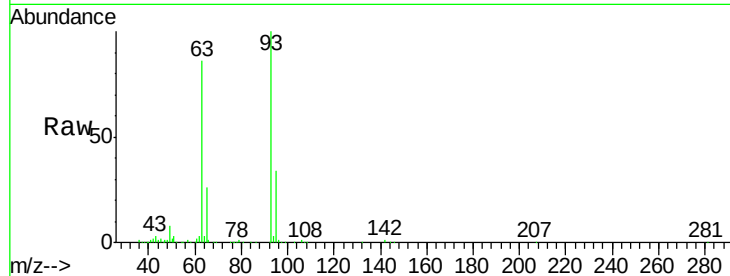
#11
bis(2-Chloroethyl)ether
Concen: 41.28 ng
RT: 6.62 min Scan# 379
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
93	100			
63	86.4	74.8	114.8	
95	33.5	12.4	52.4	

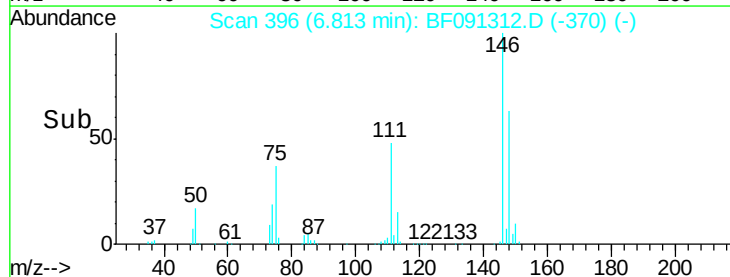
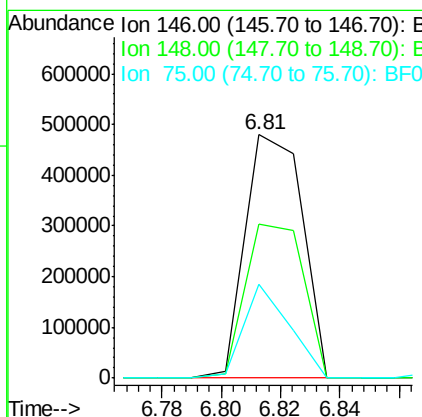
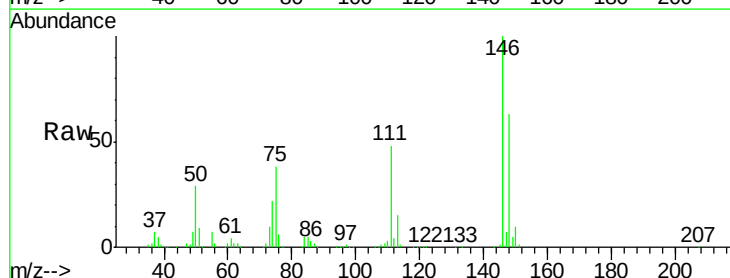
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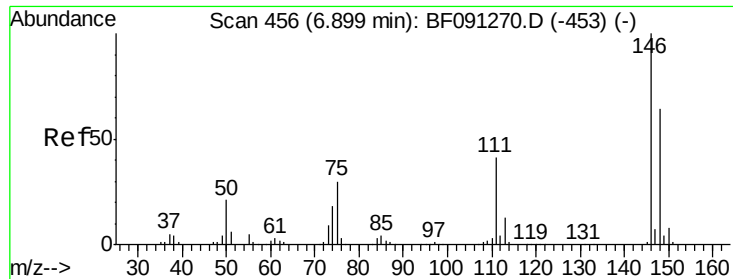
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#12
1,3-Dichlorobenzene
Concen: 37.99 ng m
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	63.4	51.4	77.0	
75	38.3	23.6	35.4	





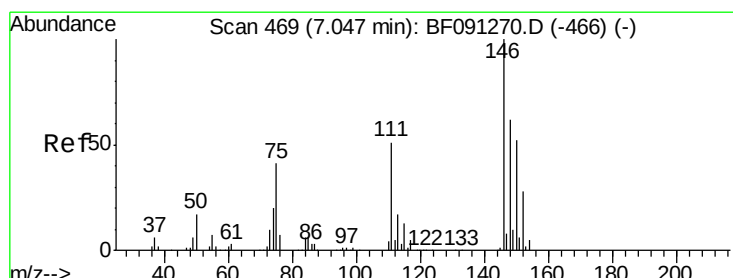
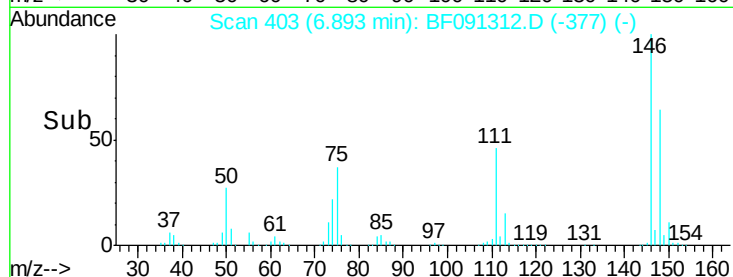
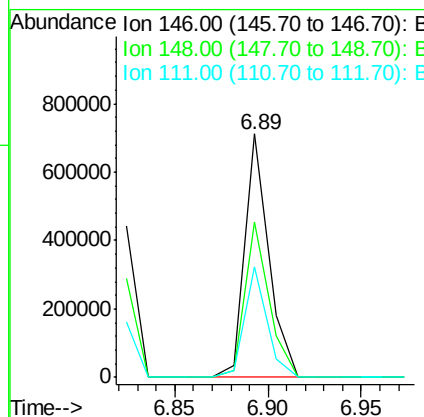
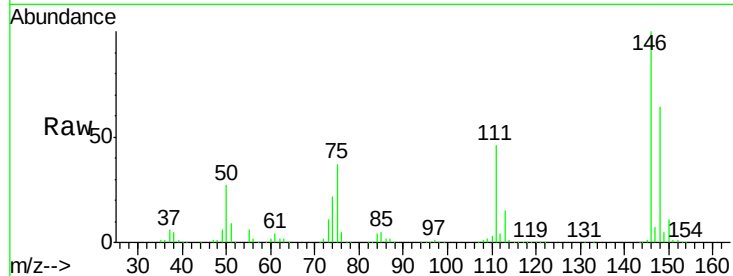
#13
1,4-Dichlorobenzene
Concen: 36.68 ng
RT: 6.89 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
111	45.6	32.2	48.2

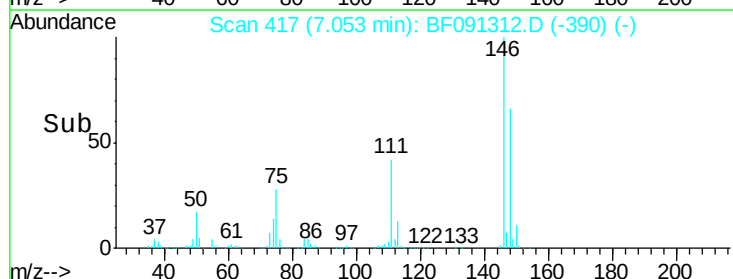
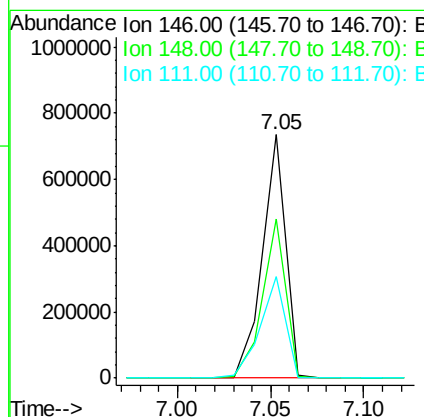
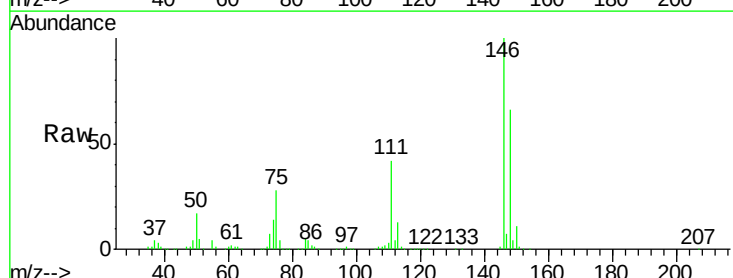
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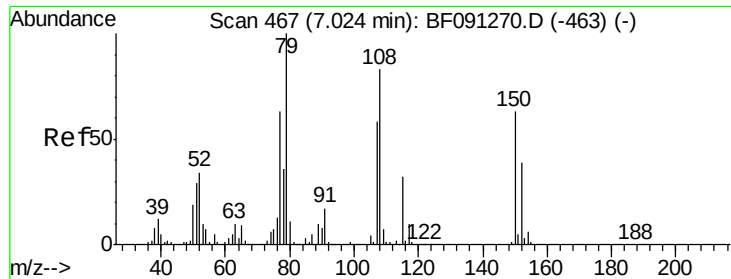
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#14
1,2-Dichlorobenzene
Concen: 38.27 ng
RT: 7.05 min Scan# 417
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.0	76.6
111	41.6	38.9	58.3





#15

Benzyl Alcohol

Concen: 35.98 ng

RT: 7.02 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 511900

Ion Ratio Lower Upper

79 100

108 72.5 62.7 94.1

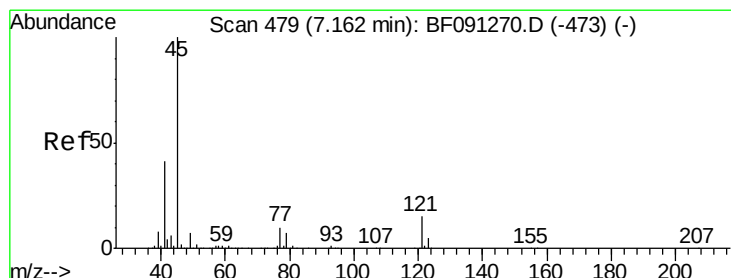
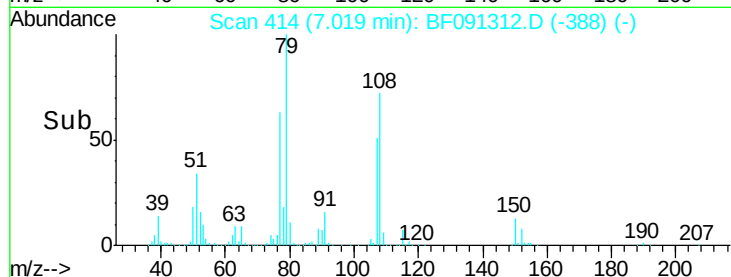
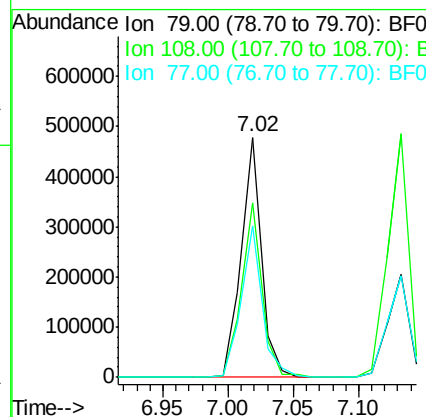
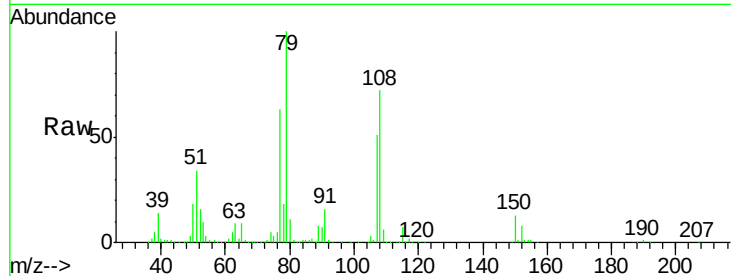
77 63.4 51.7 77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.83 ng

RT: 7.16 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

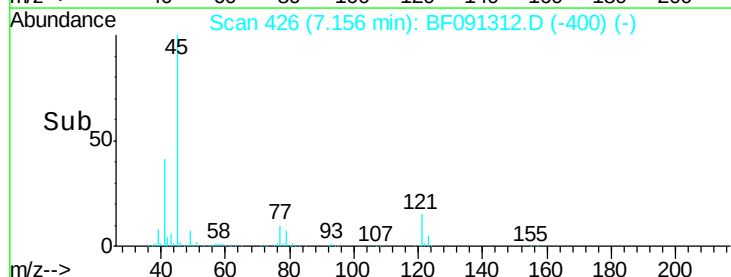
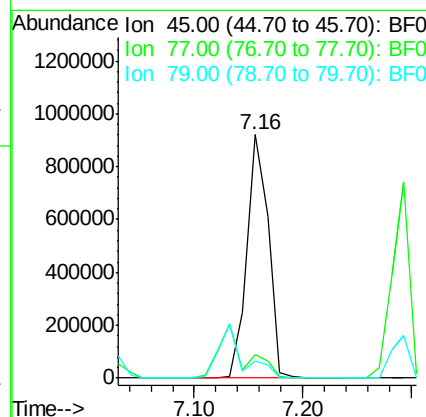
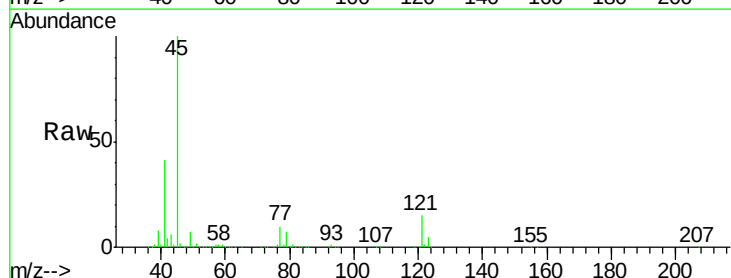
Tgt Ion: 45 Resp: 1246454

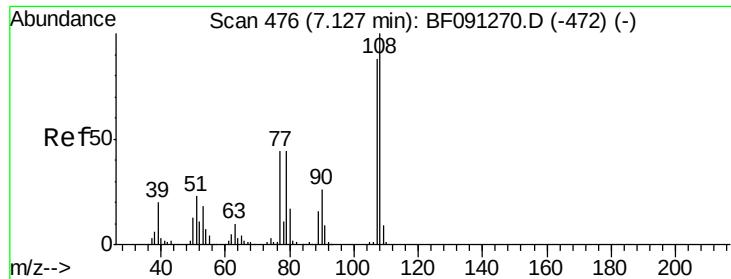
Ion Ratio Lower Upper

45 100

77 9.7 3.8 43.8

79 7.2 0.2 40.2





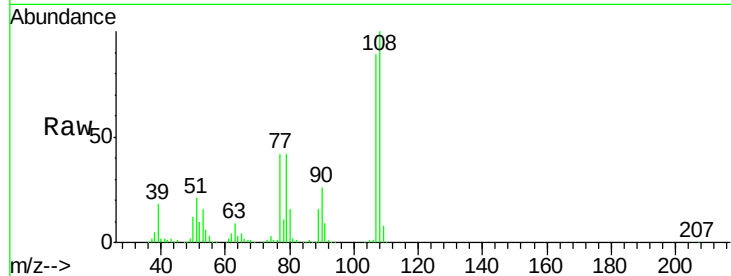
#17
2-Methylphenol
Concen: 38.65 ng
RT: 7.13 min Scan# 424
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

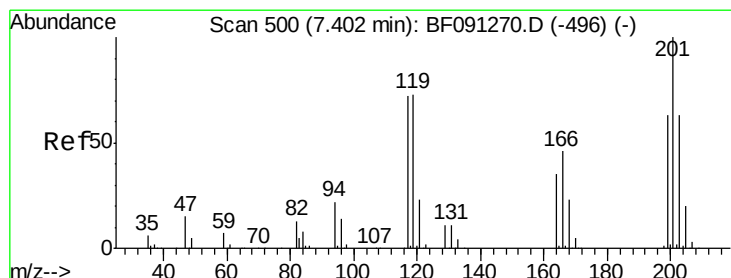
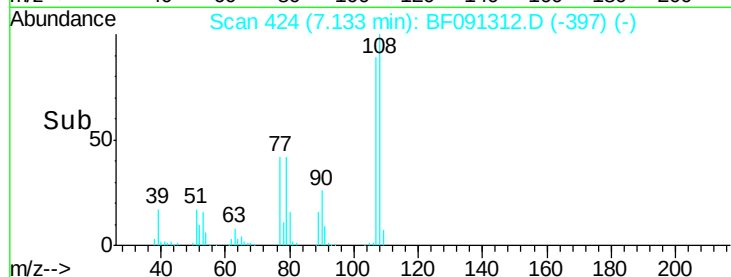
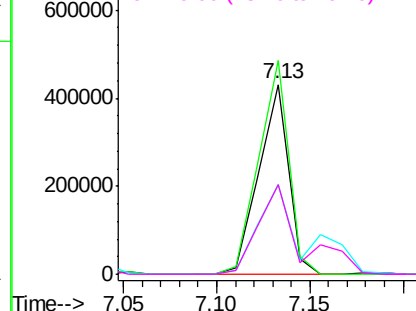
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	67.7	101.5#	
77	47.1	40.7	61.1	
79	47.3	23.4	35.2#	

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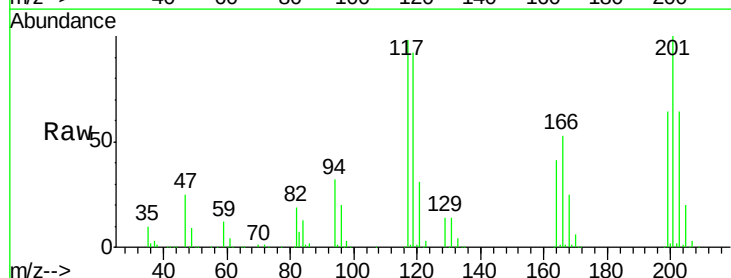


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

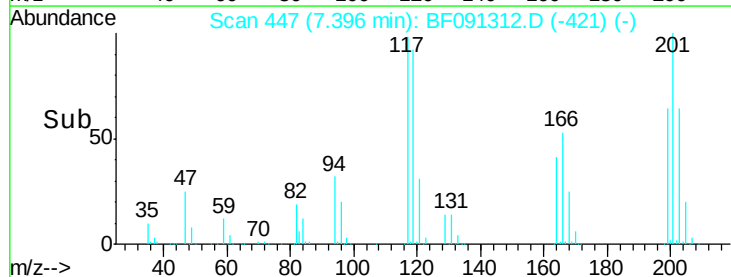
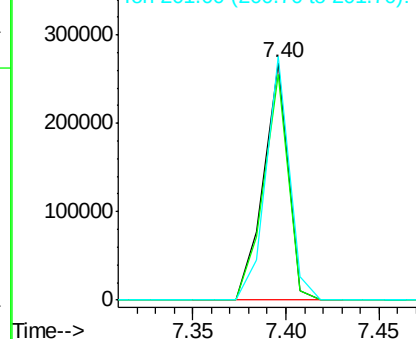


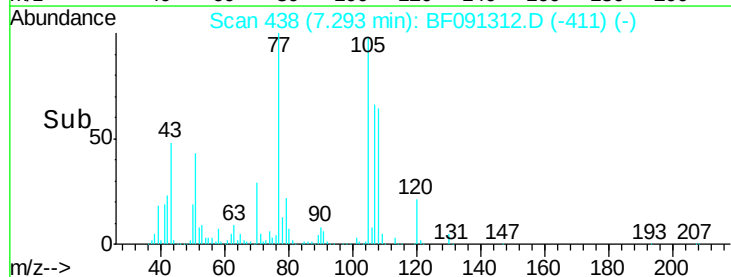
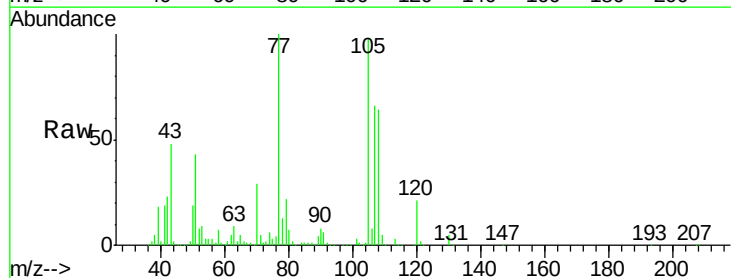
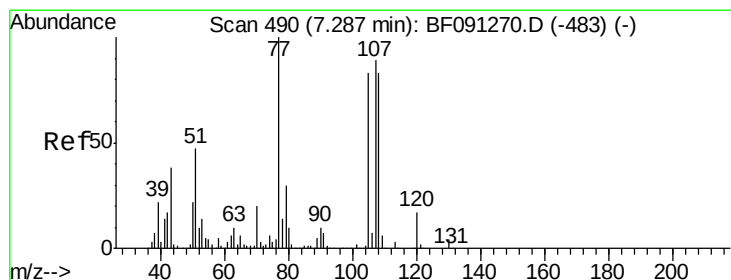
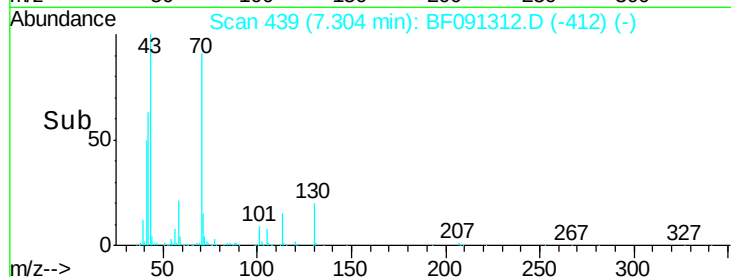
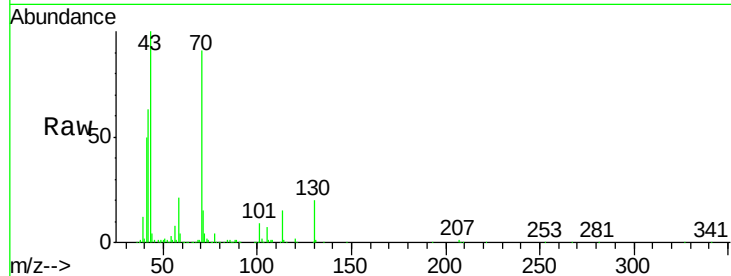
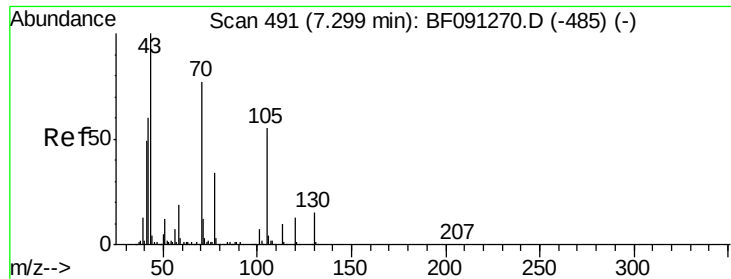
#18
Hexachloroethane
Concen: 39.73 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	78.6	118.0	
201	102.4	86.7	130.1	



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





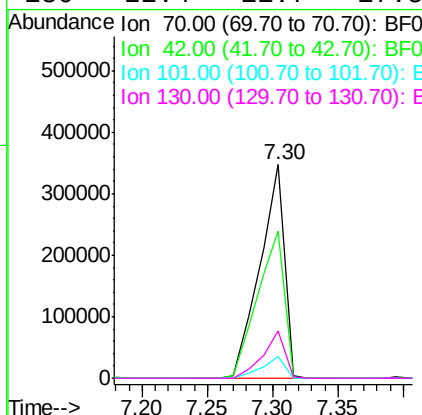
#19
n-Nitroso-di-n-propylamine
Concen: 39.87 ng
RT: 7.30 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.2	64.8	97.2
101	10.0	6.2	9.4
130	22.4	11.7	17.5

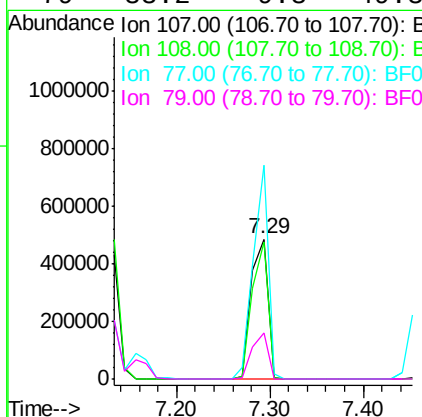
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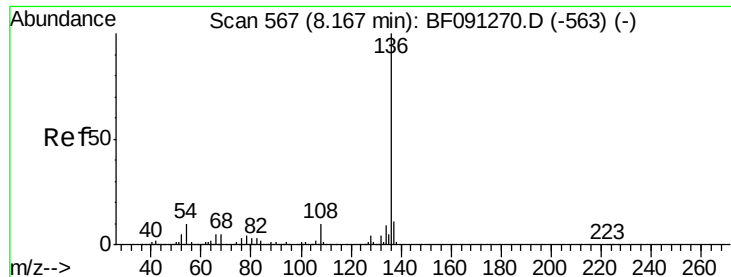
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#20
3+4-Methylphenols
Concen: 40.04 ng
RT: 7.29 min Scan# 438
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.3	64.6	104.6
77	152.4	30.9	70.9
79	33.2	9.3	49.3





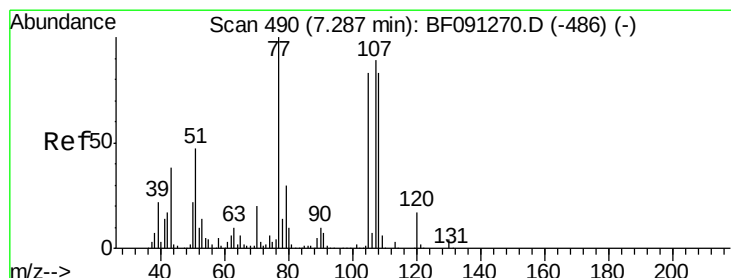
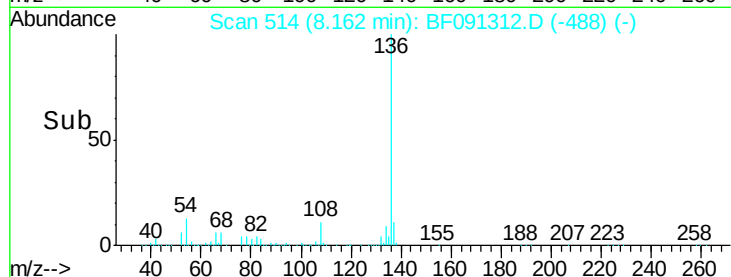
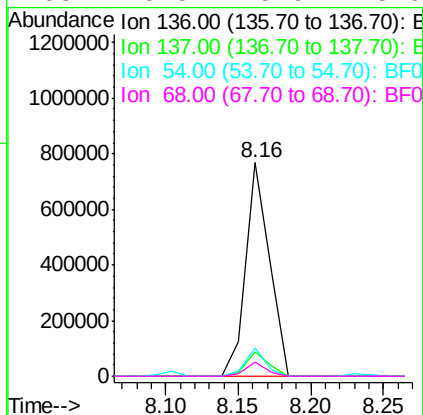
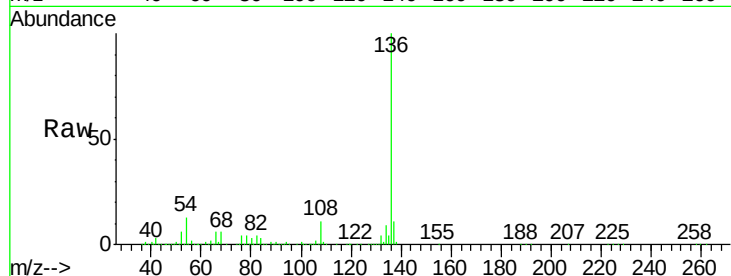
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	870138		
137	11.4		9.1	13.7
54	13.2		9.1	13.7
68	6.5		5.9	8.9

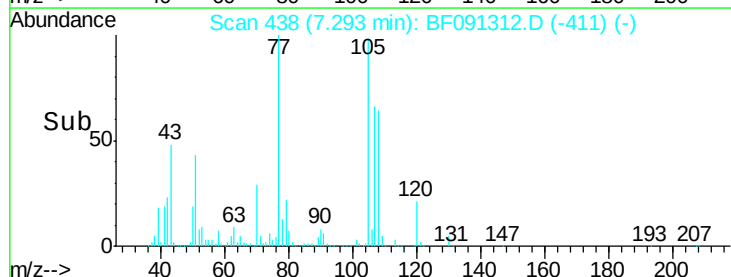
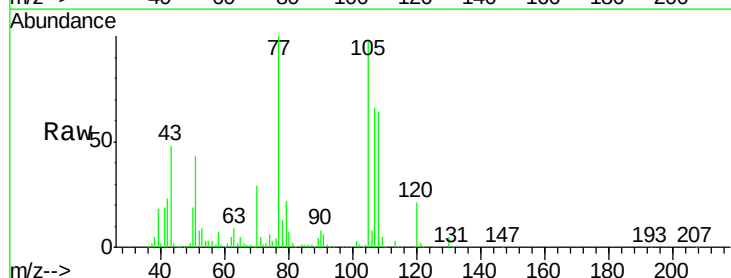
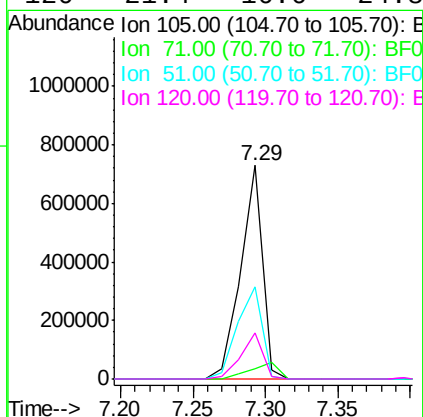
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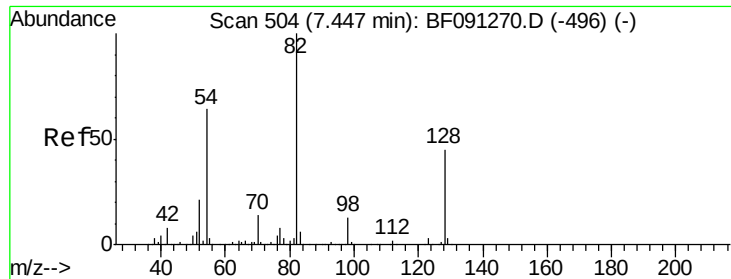
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#22
Acetophenone
Concen: 38.85 ng
RT: 7.29 min Scan# 438
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	762774		
71	4.9		7.9	11.9#
51	43.4		24.5	36.7#
120	21.4		16.6	24.8





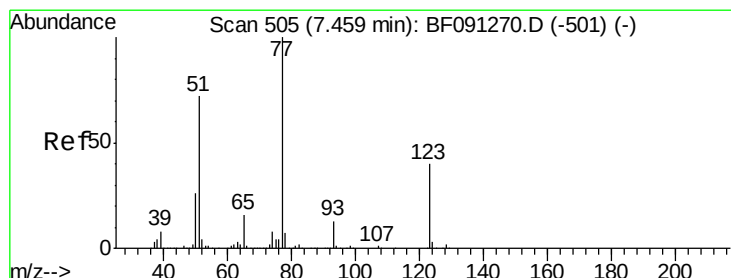
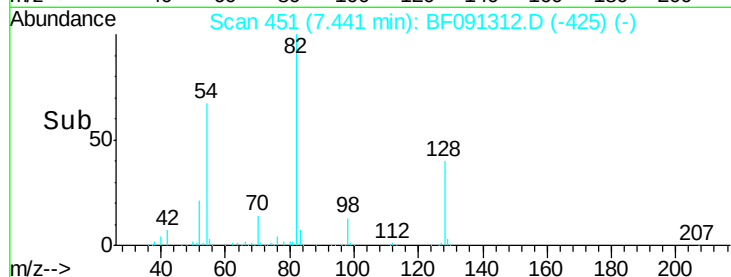
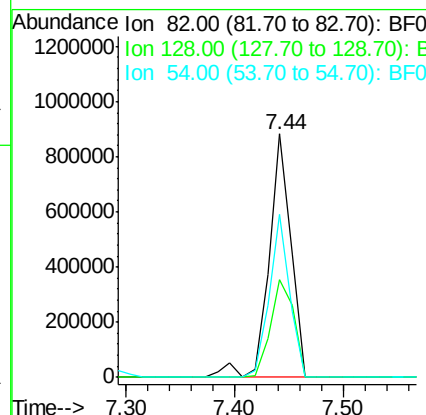
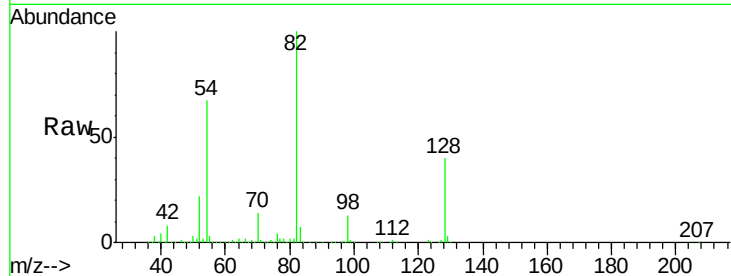
#23
 Nitrobenzene-d5
 Concen: 81.95 ng
 RT: 7.44 min Scan# 451
 Delta R.T. -0.01 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	31.8	47.6
54	66.8	49.1	73.7

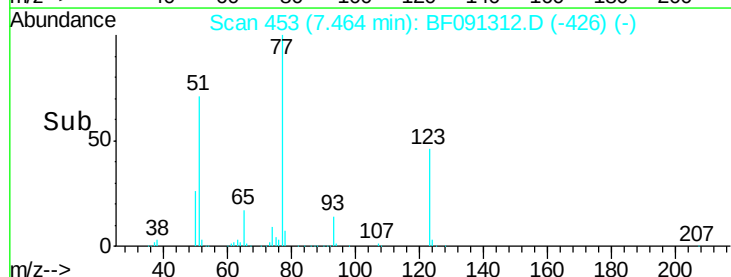
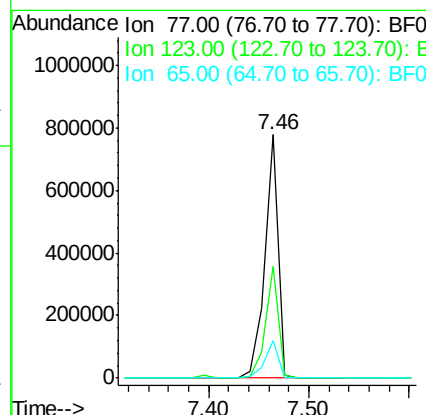
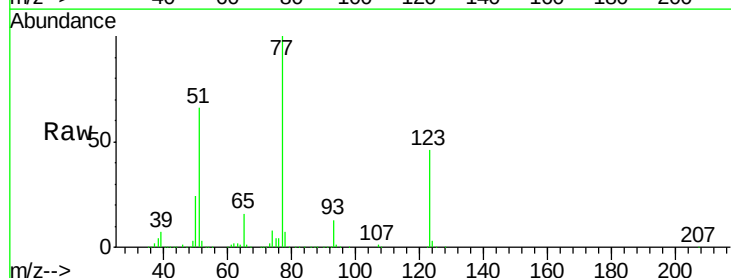
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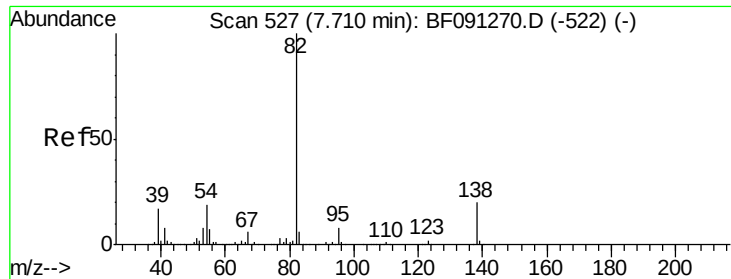
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#24
 Nitrobenzene
 Concen: 44.41 ng
 RT: 7.46 min Scan# 453
 Delta R.T. 0.01 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	28.5	42.7#
65	15.5	12.5	18.7





#25

Isophorone

Concen: 39.31 ng

RT: 7.70 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1109989

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

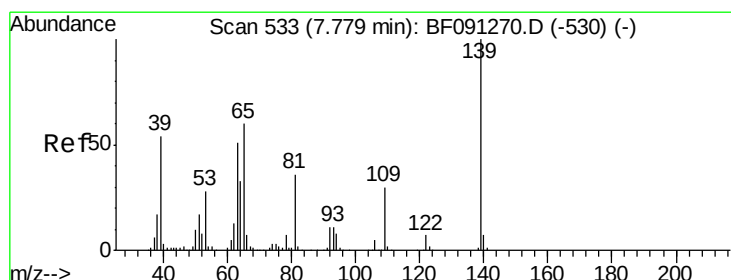
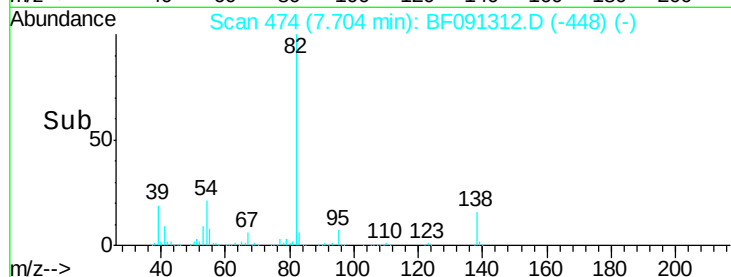
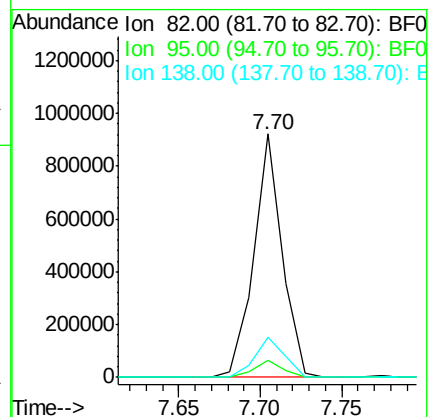
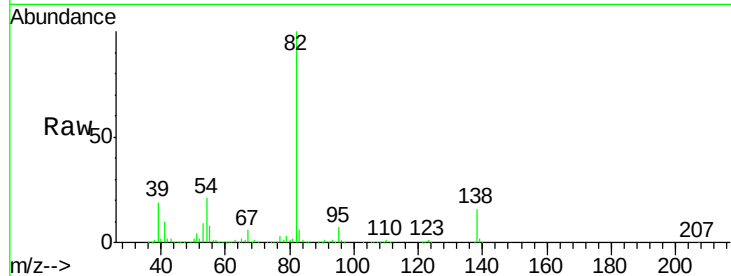
138 16.3 13.4 20.0

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#26

2-Nitrophenol

Concen: 47.58 ng

RT: 7.78 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

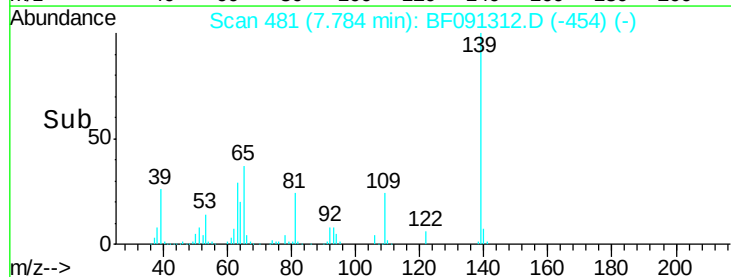
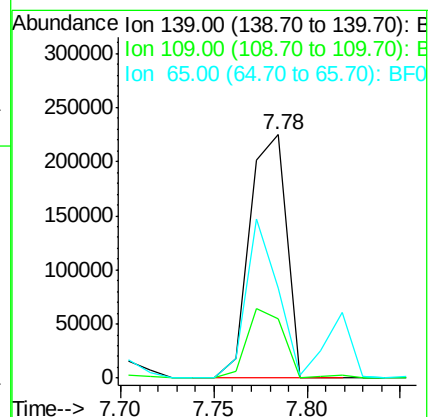
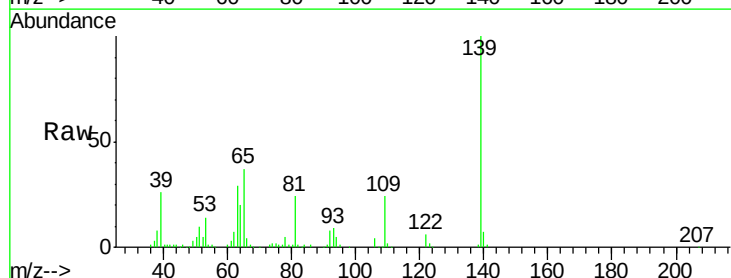
Tgt Ion: 139 Resp: 305182

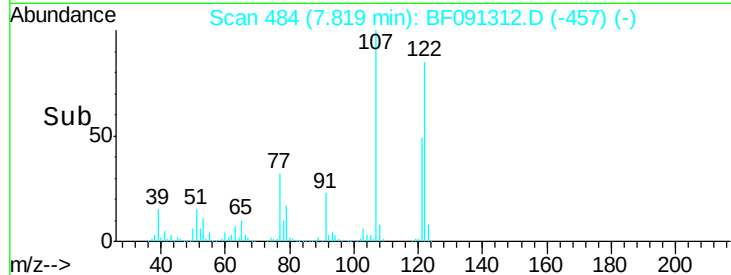
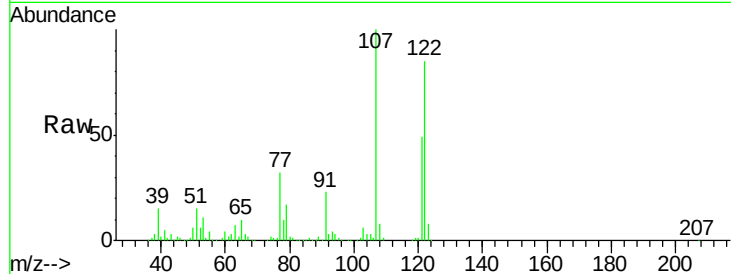
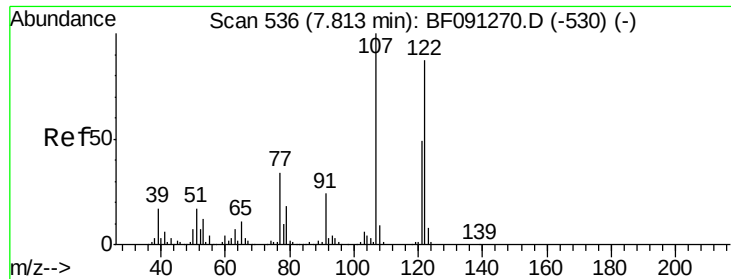
Ion Ratio Lower Upper

139 100

109 24.4 25.3 37.9#

65 37.2 55.4 83.2#





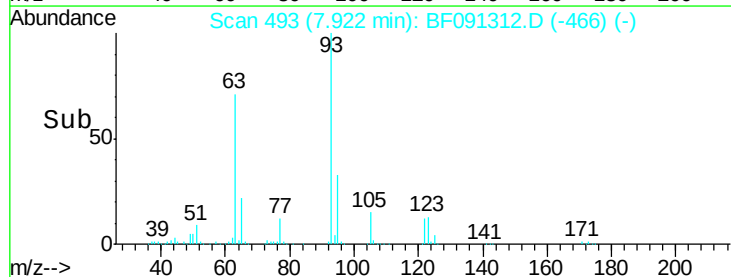
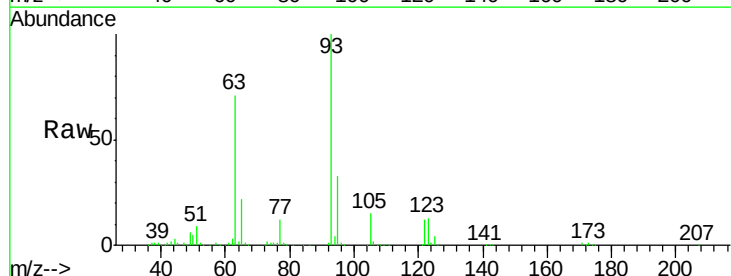
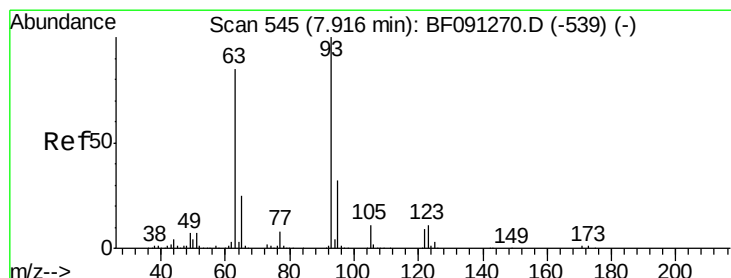
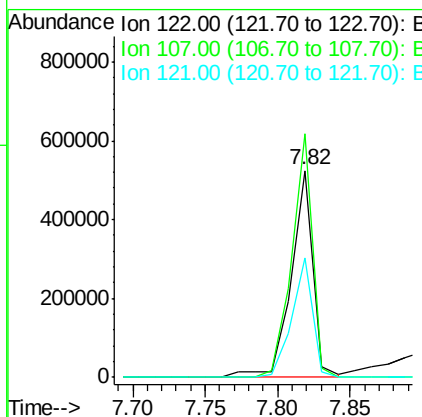
#27
2,4-Dimethylphenol
Concen: 40.38 ng
RT: 7.82 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tot Ion	Ratio	Resp	Lower	Upper
122	100	543561		
107	117.6	96.8	145.2	
121	57.7	47.7	71.5	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

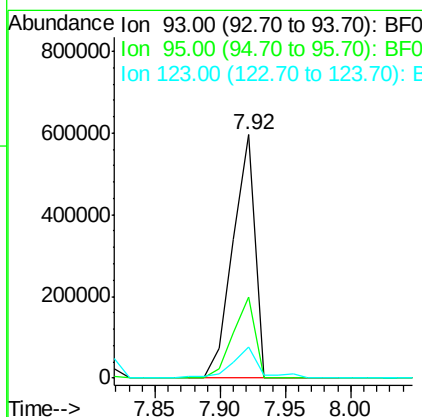
Manual Integrations
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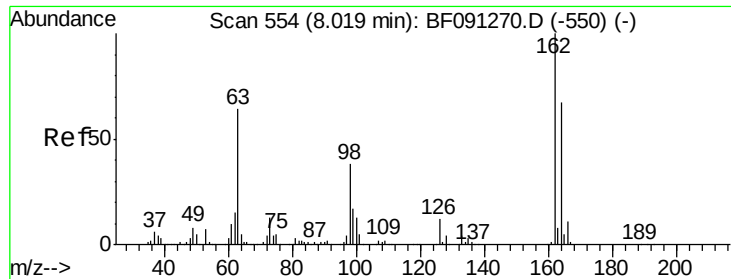
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#28
bis(2-Chloroethoxy)methane
Concen: 41.35 ng
RT: 7.92 min Scan# 493
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	695098		
95	33.4	26.0	39.0	
123	12.7	8.6	12.8	





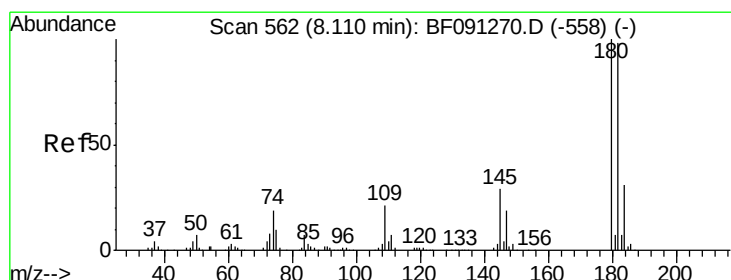
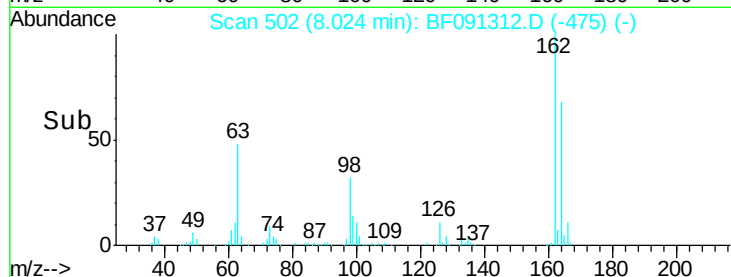
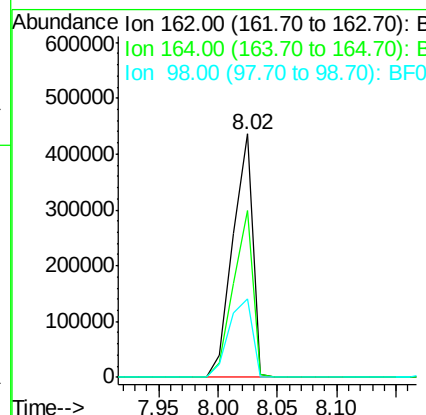
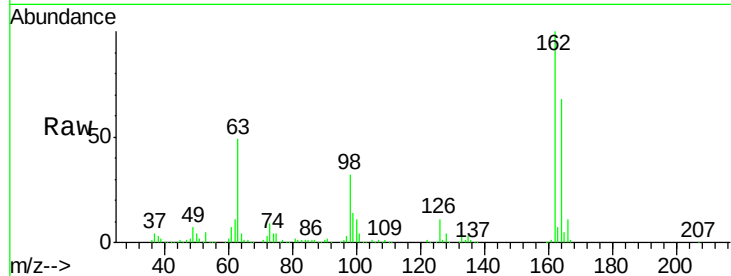
#29
2,4-Dichlorophenol
Concen: 42.71 ng
RT: 8.02 min Scan# 502
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	508095		
164	68.3	45.0	85.0	
98	32.4	21.3	61.3	

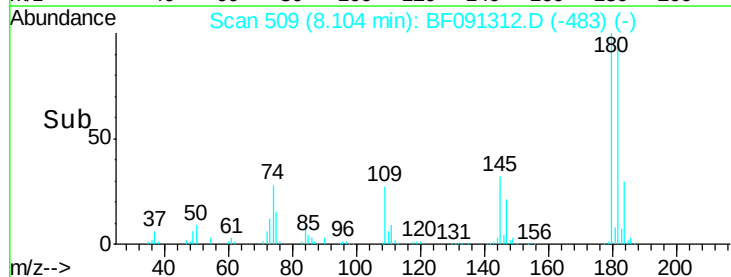
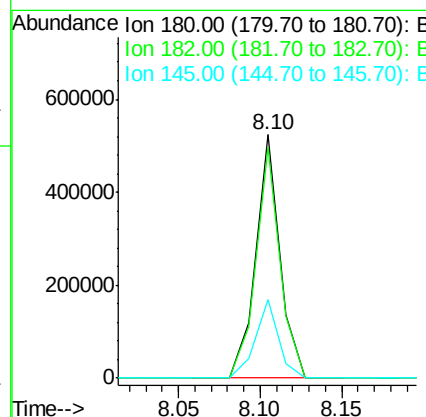
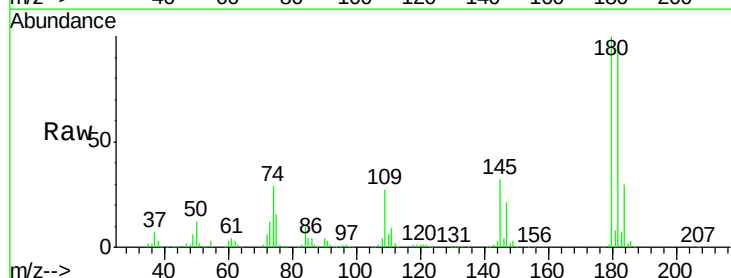
Manual Integrations
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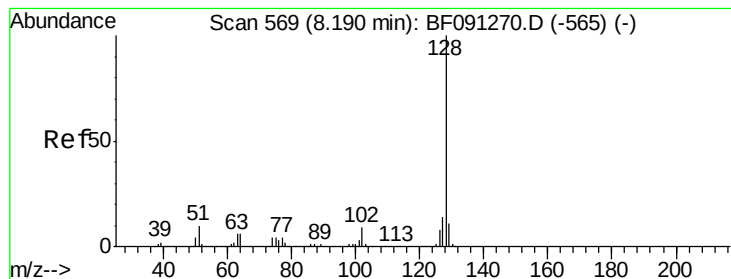
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#30
1,2,4-Trichlorobenzene
Concen: 39.02 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	534757		
182	94.7	75.8	113.8	
145	32.4	27.0	40.4	





#31

Naphthalene

Concen: 37.39 ng

RT: 8.18 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1565020

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

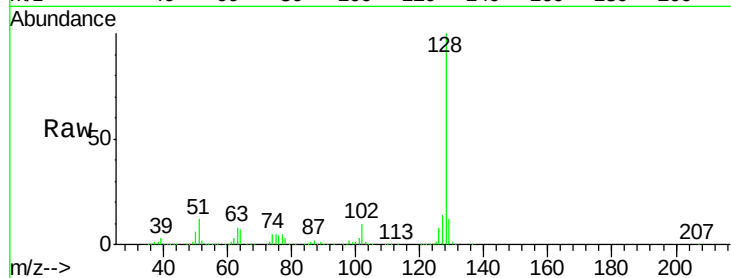
127 13.6 11.0 16.4

Manual Integrations

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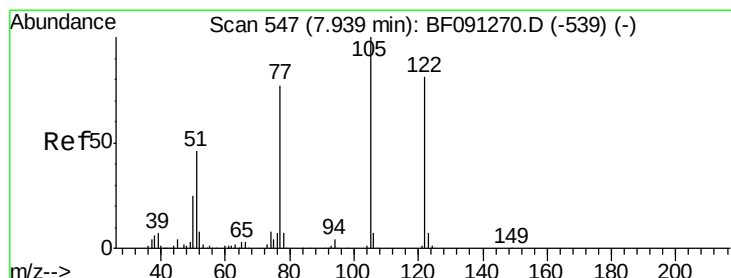
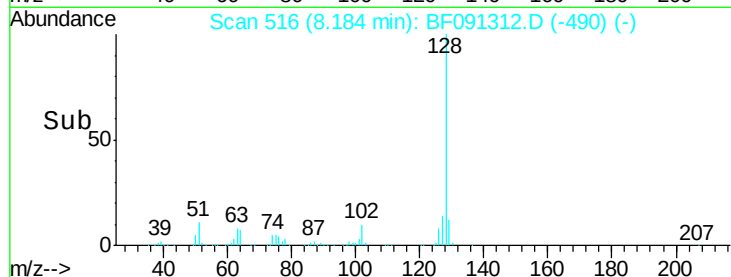
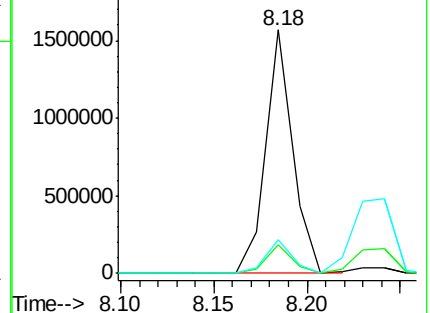
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.70 ng

RT: 7.96 min Scan# 496

Delta R.T. 0.02 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

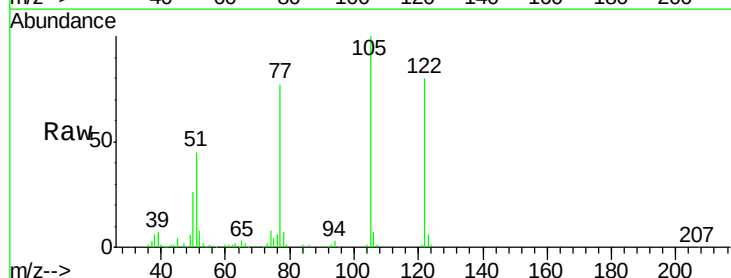
Tgt Ion:122 Resp: 473824

Ion Ratio Lower Upper

122 100

105 124.8 113.0 153.0

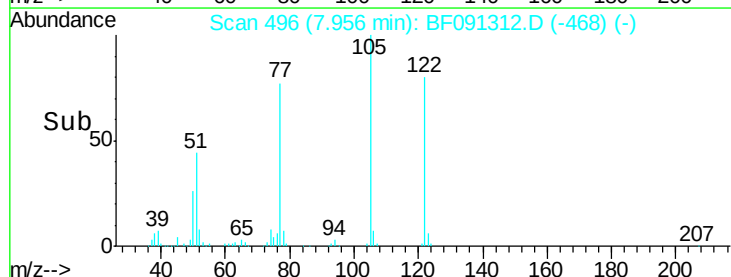
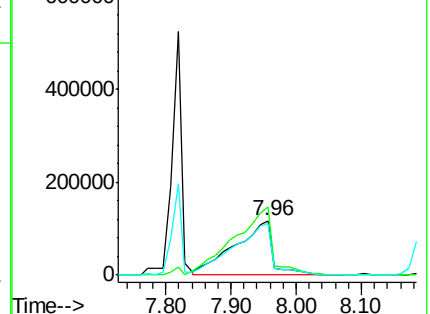
77 95.6 82.0 122.0

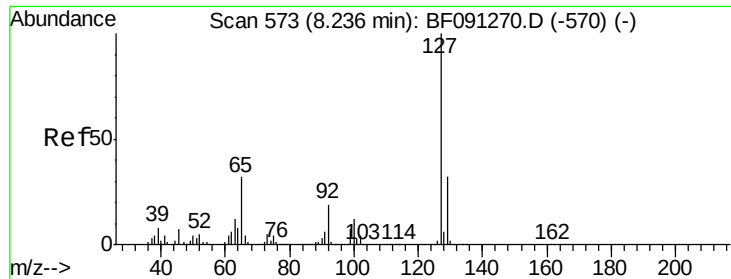


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





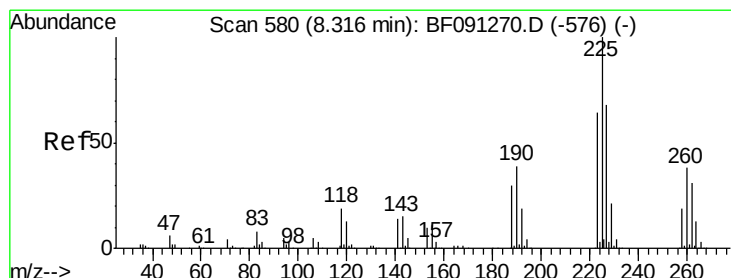
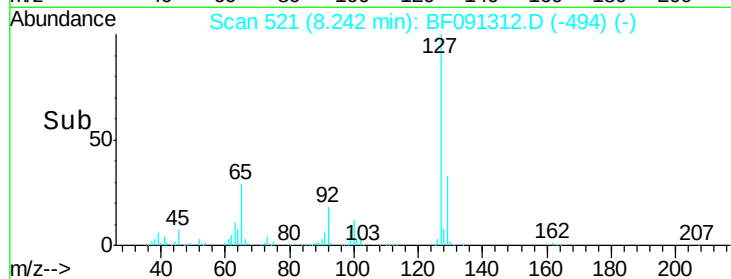
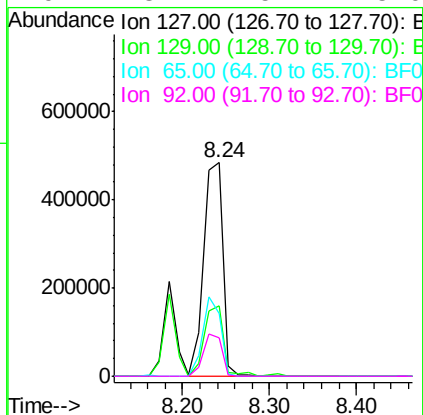
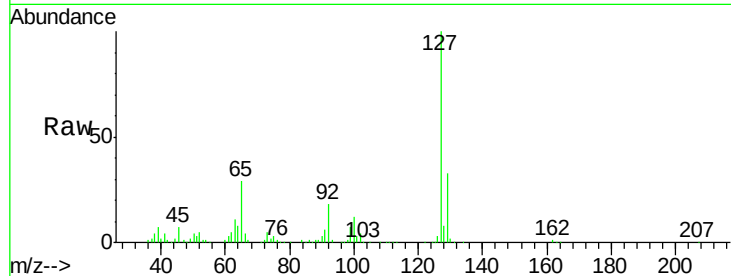
#33
4-Chloroaniline
Concen: 40.88 ng
RT: 8.24 min Scan# 521
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.2	39.4		
65	29.4	26.6	39.8		
92	18.1	15.4	23.0		

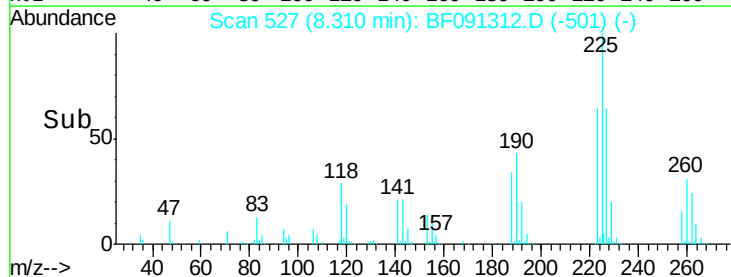
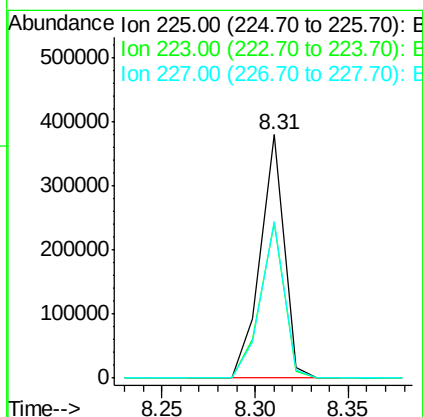
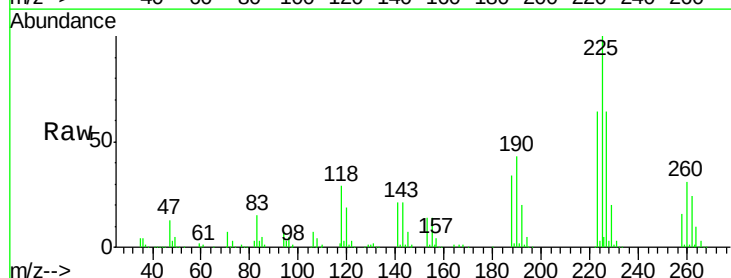
Manual Integrations
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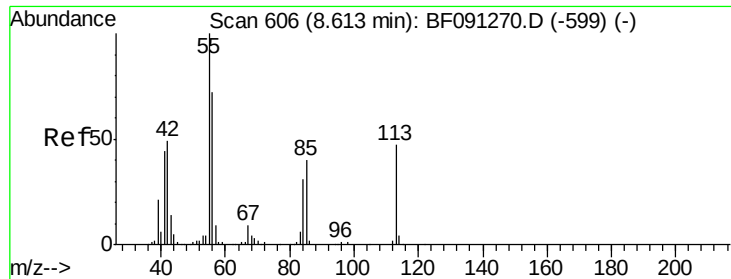
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#34
Hexachlorobutadiene
Concen: 41.55 ng
RT: 8.31 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	49.8	74.6		
227	64.2	52.6	79.0		





#35

Caprolactam

Concen: 41.64 ng/ml

RT: 8.62 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Instrument :

BNA_F

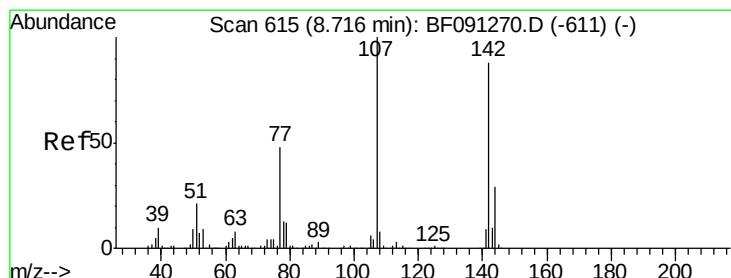
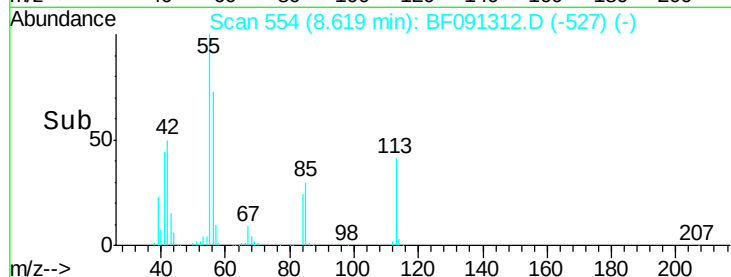
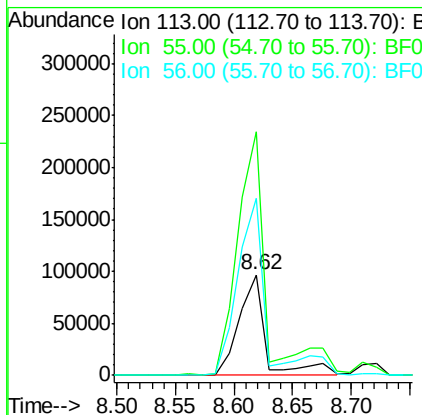
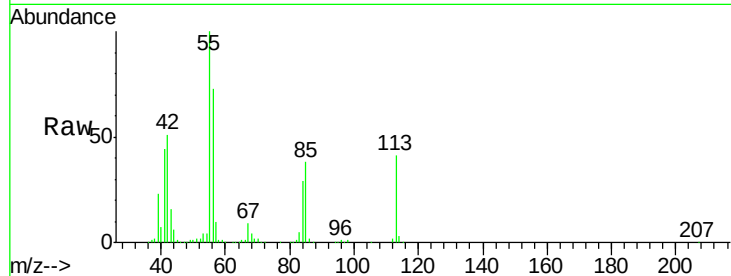
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	152726
Ion Ratio	Lower	Upper	
113	100		
55	242.8	239.8	279.8
56	176.7	165.6	205.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 42.30 ng/ml

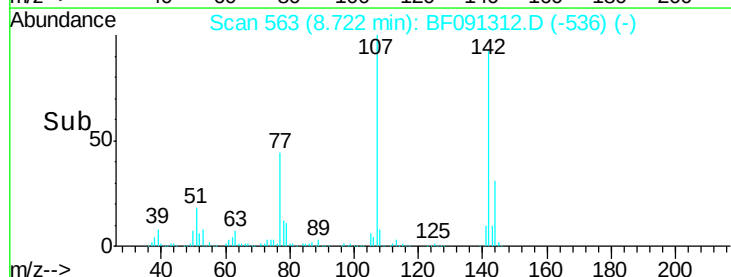
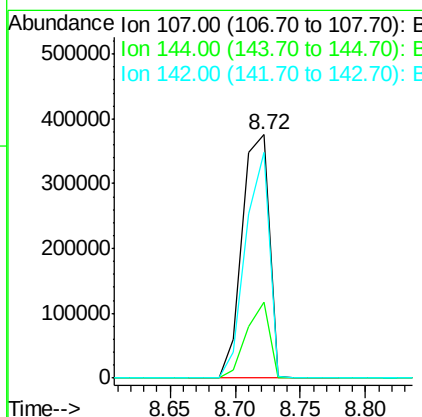
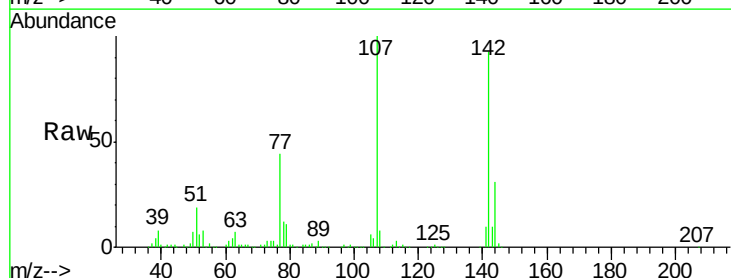
RT: 8.72 min Scan# 563

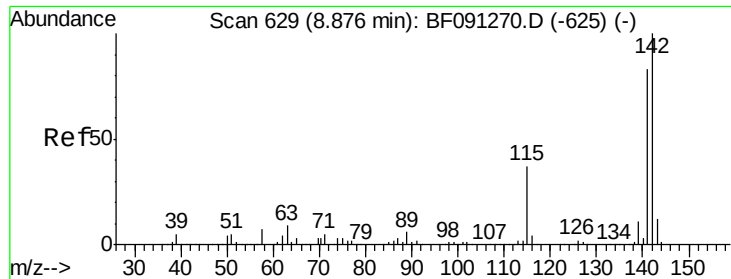
Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Tgt Ion:	107	Resp:	540748
Ion Ratio	Lower	Upper	
107	100		
144	31.0	18.9	28.3#
142	92.7	58.5	87.7#





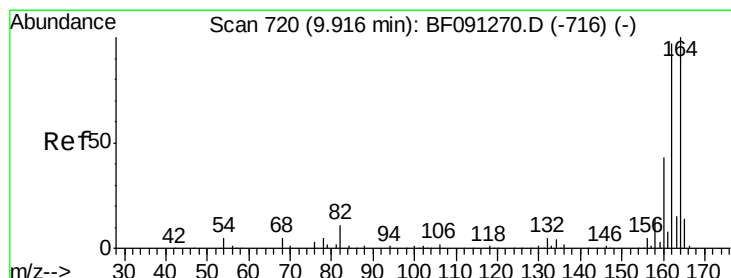
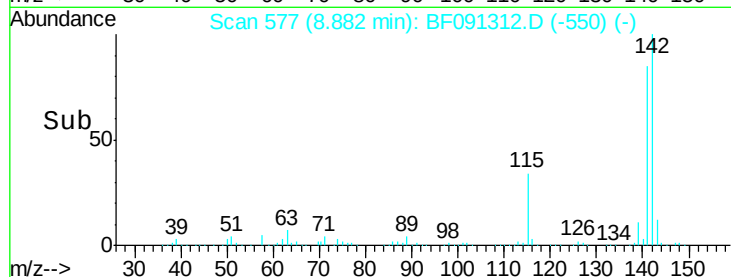
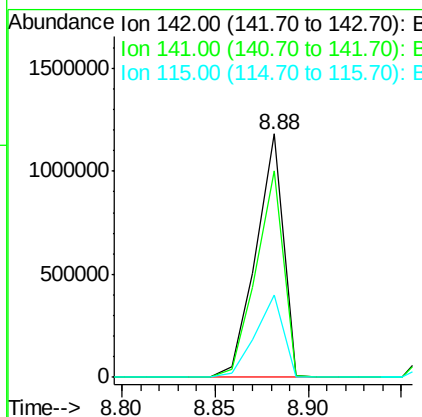
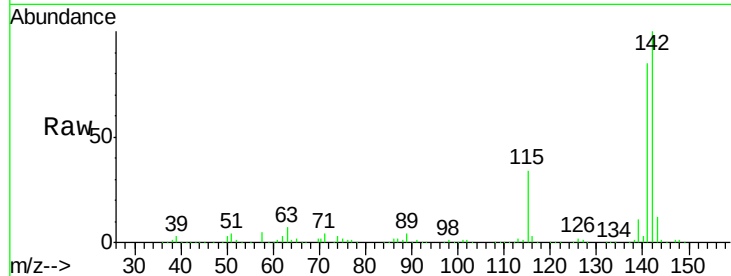
#37
2-Methylnaphthalene
Concen: 41.75 ng
RT: 8.88 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.8	71.7	107.5
115	33.6	25.0	37.6

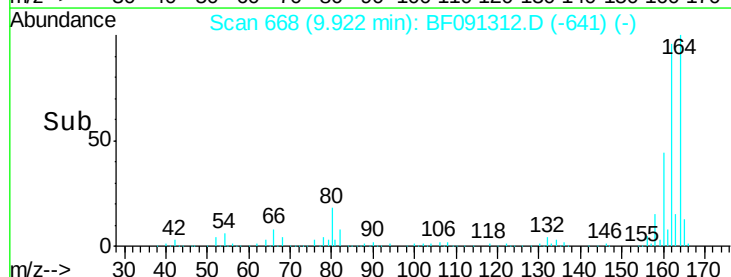
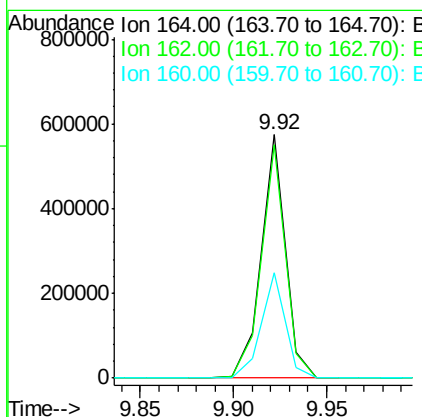
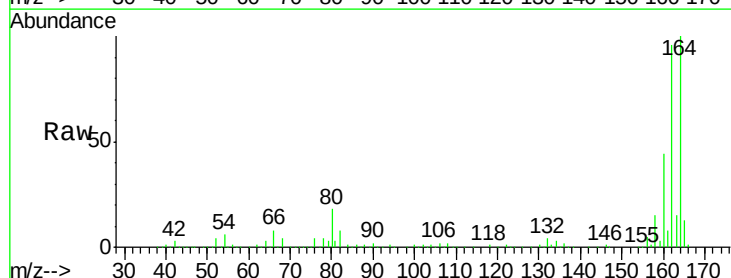
Manual Integrations
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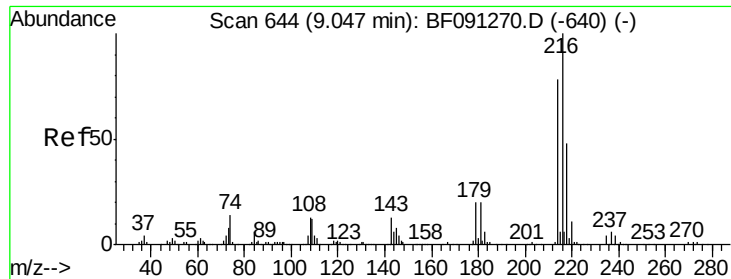
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.6	82.6	124.0
160	43.5	36.7	55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.48 ng

RT: 9.04 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Instrument :

BNA_F

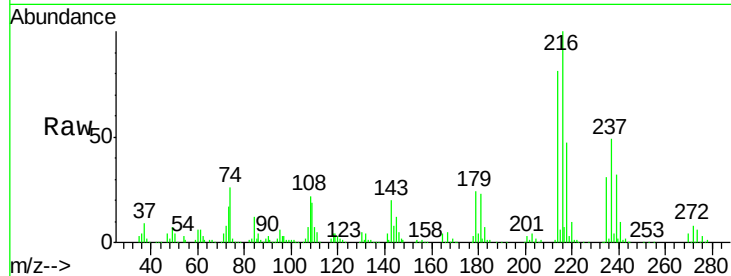
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		493027		
214	79.3		63.8	95.8	
179	21.1		18.2	27.2	
108	18.0		17.2	25.8	

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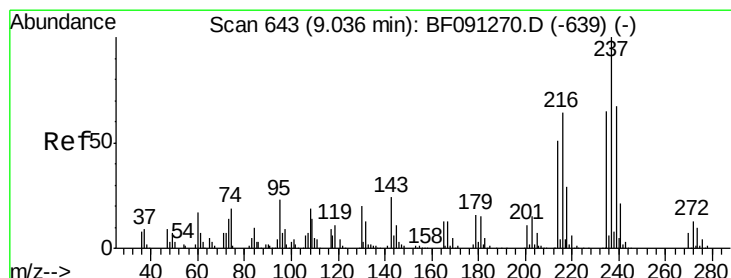
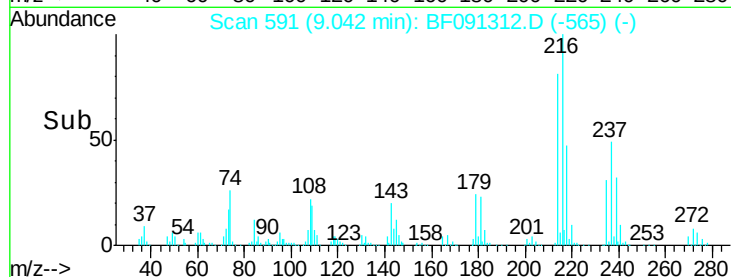
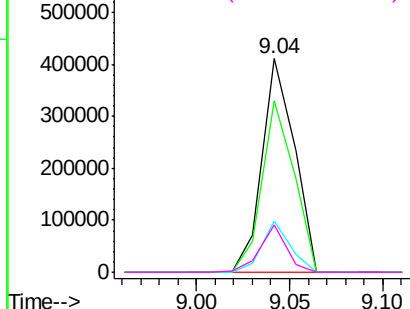
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.83 ng

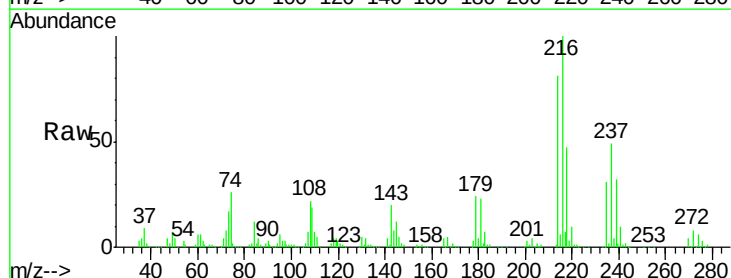
RT: 9.04 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		260198		
235	62.9		43.9	83.9	
272	16.0		0.0	33.1	

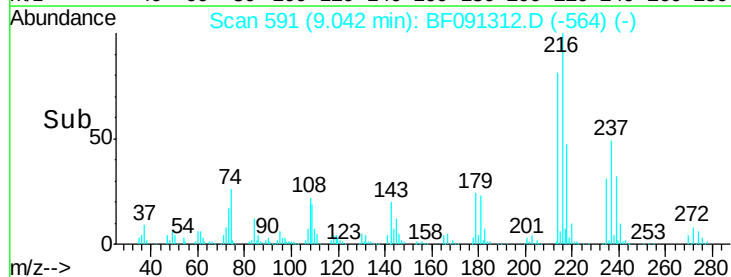
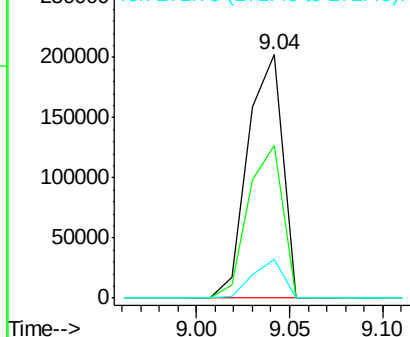


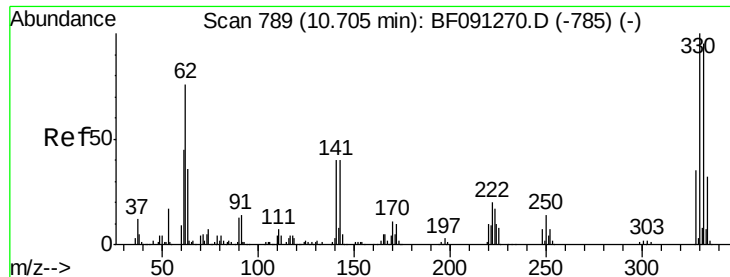
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





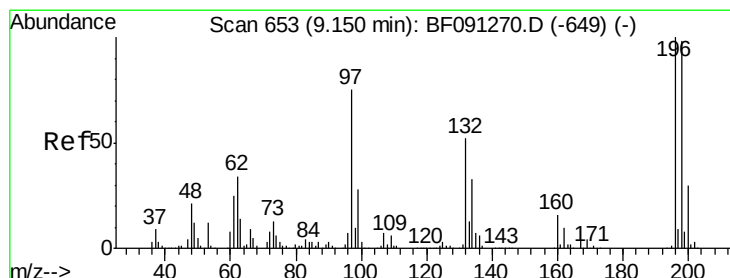
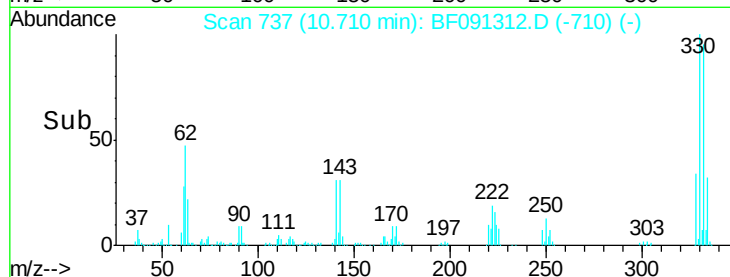
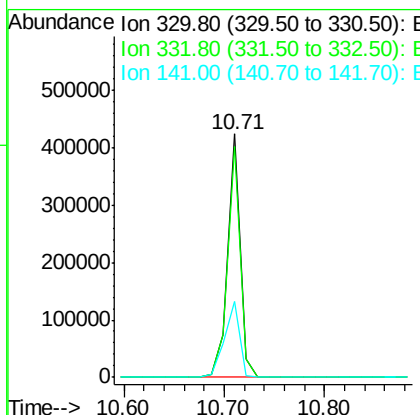
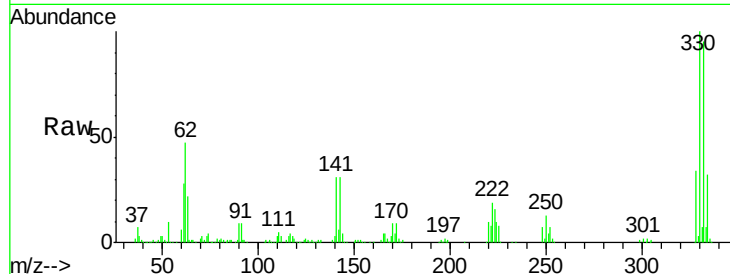
#41
 2,4,6-Tribromophenol
 Concen: 71.96 ng
 RT: 10.71 min Scan# 737
 Delta R.T. 0.01 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	372121		
332	95.4	76.2	114.4	
141	36.4	33.6	50.4	

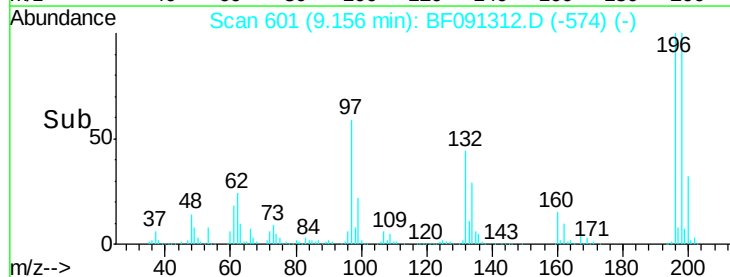
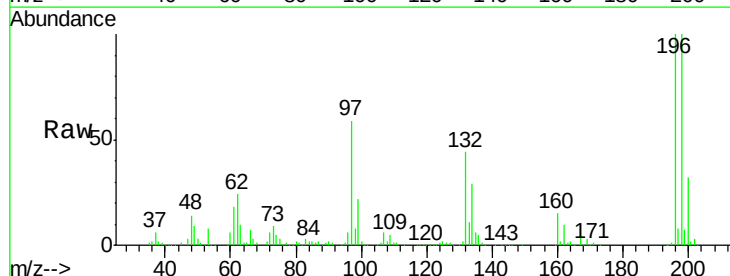
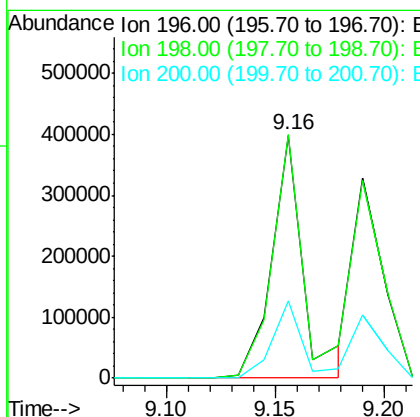
Manual Integrations
 APPROVED

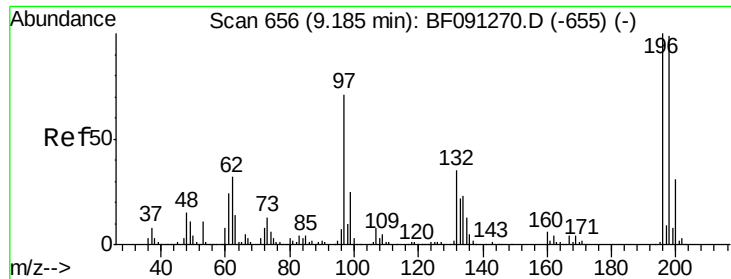
UMANGI
 11/29/2016 9:26:28 AM



#42
 2,4,6-Trichlorophenol
 Concen: 41.92 ng
 RT: 9.16 min Scan# 601
 Delta R.T. 0.01 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	401778		
198	100.2	77.4	116.0	
200	31.6	25.2	37.8	





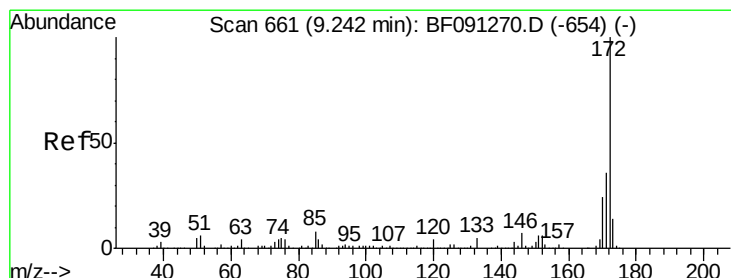
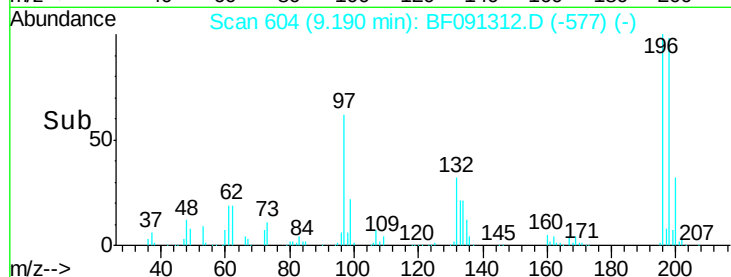
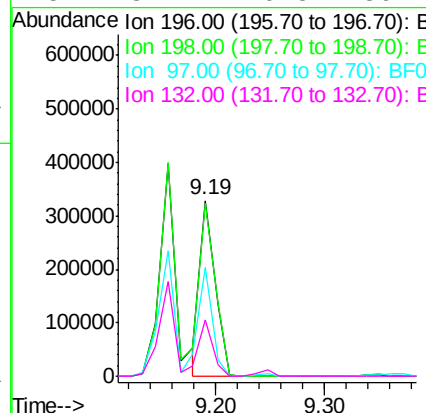
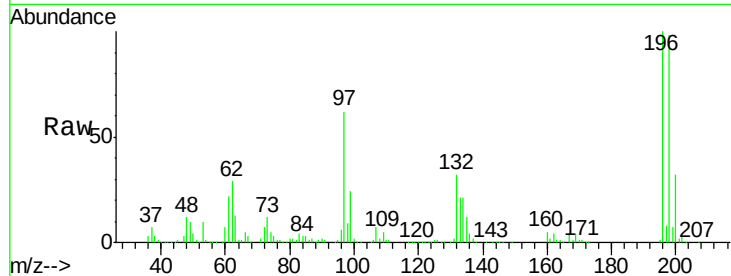
#43
 2,4,5-Trichlorophenol
 Concen: 35.00 ng
 RT: 9.19 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	322302		
198	98.4	77.0	115.6	
97	62.1	33.5	50.3	
132	31.7	20.5	30.7	

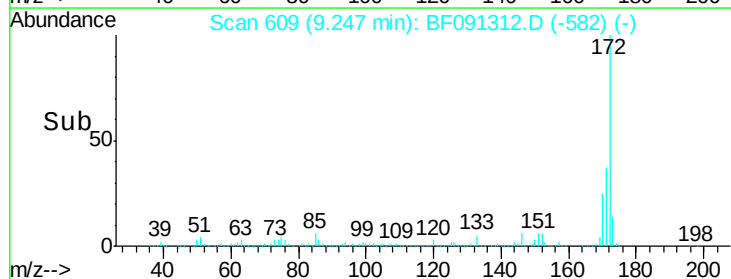
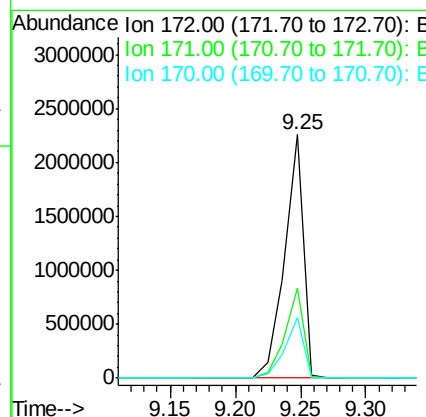
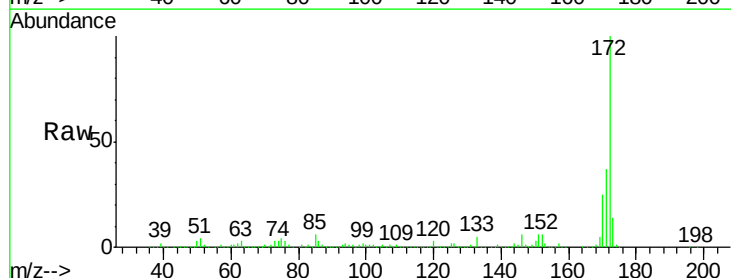
Manual Integrations
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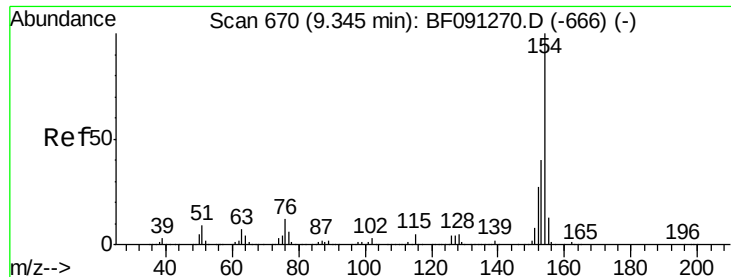
UMANGI
 11/29/2016 9:26:28 AM



#44
 2-Fluorobiphenyl
 Concen: 73.28 ng
 RT: 9.25 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2294975		
171	36.7	29.4	44.0	
170	24.9	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 38.86 ng

RT: 9.35 min Scan# 618

Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1436844

Ion Ratio Lower Upper

154 100

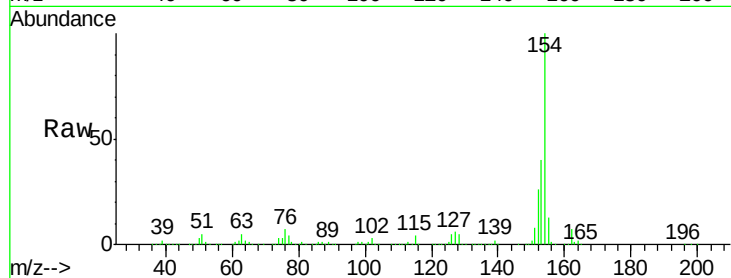
153 40.2 20.6 60.6

76 7.3 0.0 36.6

Manual Integrations
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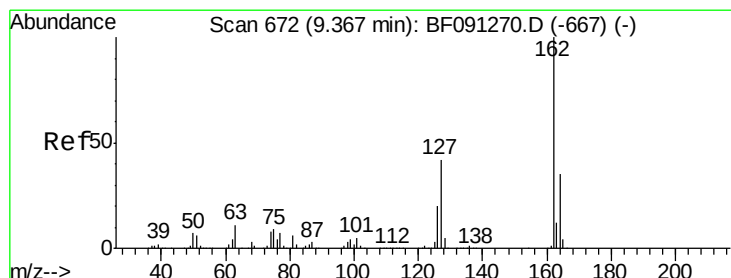
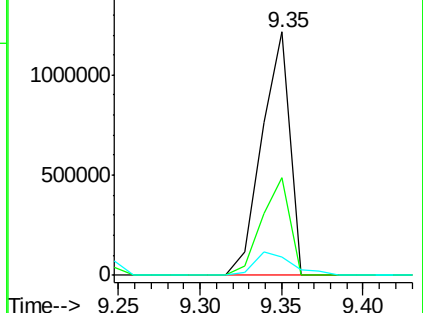
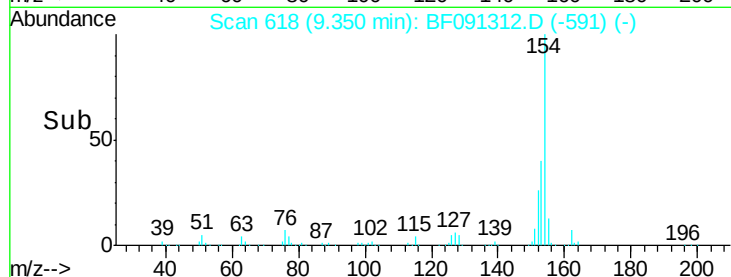
11/29/2016 9:26:28 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.71 ng

RT: 9.37 min Scan# 620

Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

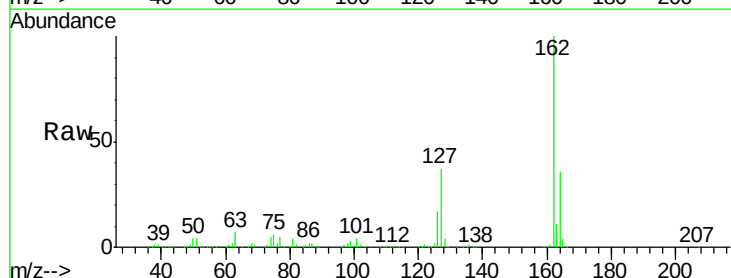
Tgt Ion:162 Resp: 1075499

Ion Ratio Lower Upper

162 100

127 36.7 34.3 51.5

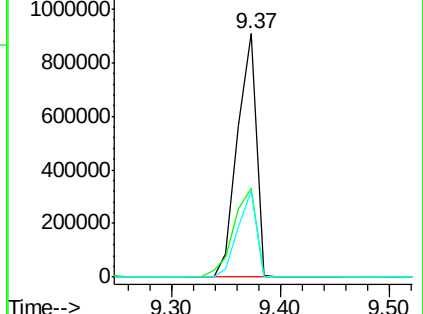
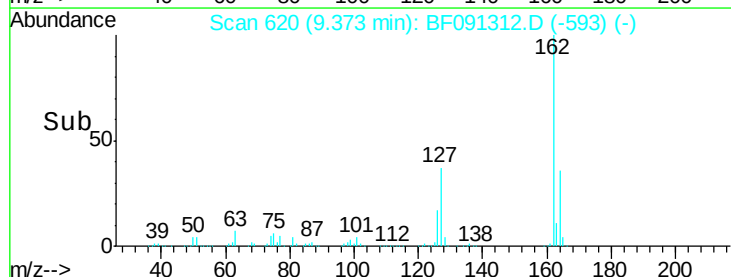
164 35.6 26.6 40.0

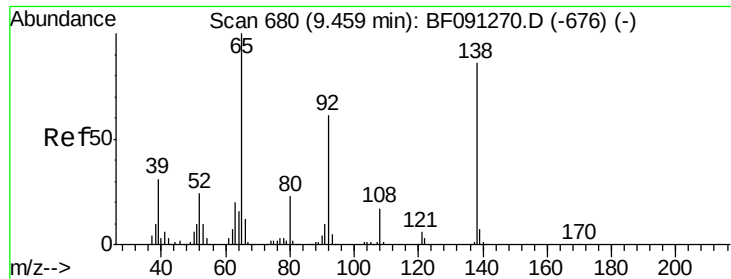


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





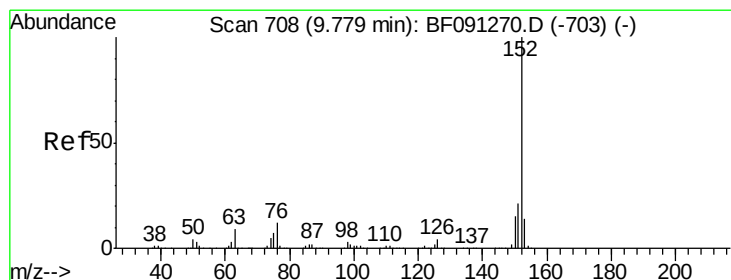
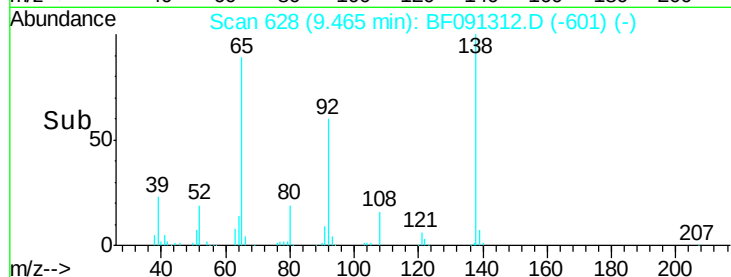
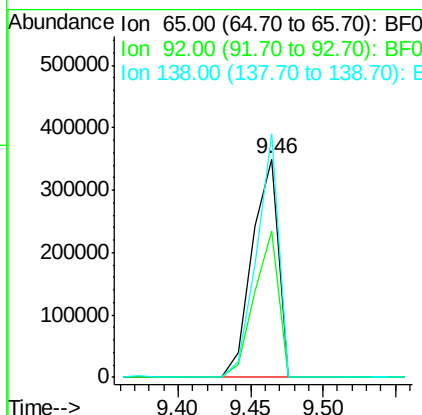
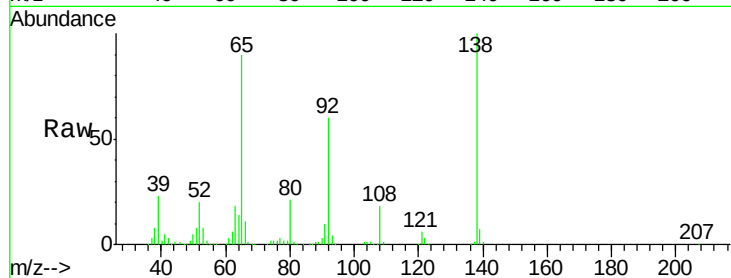
#47
2-Nitroaniline
Concen: 47.36 ng
RT: 9.46 min Scan# 628
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.1	53.6	80.4
138	111.4	91.0	136.6

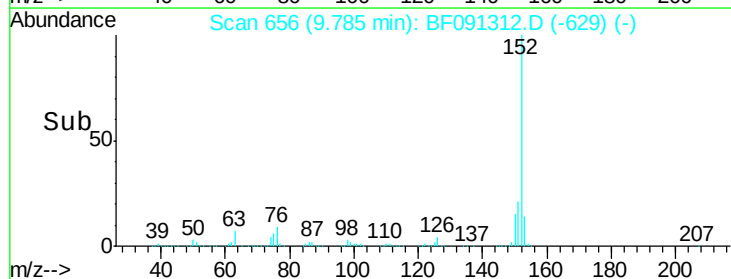
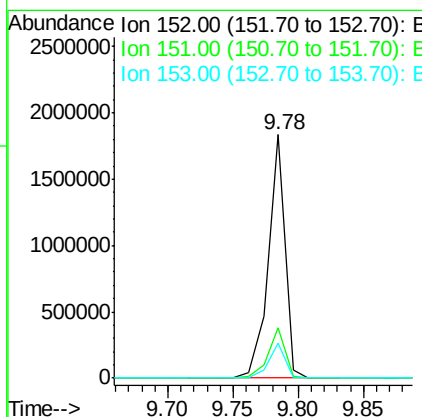
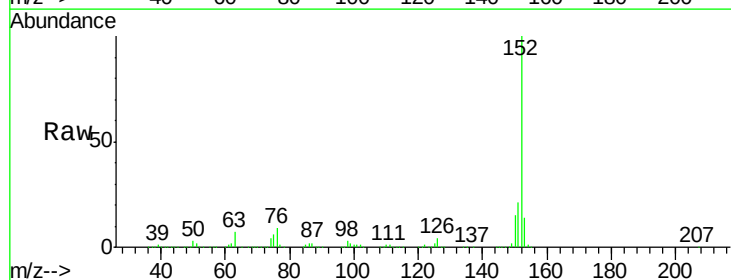
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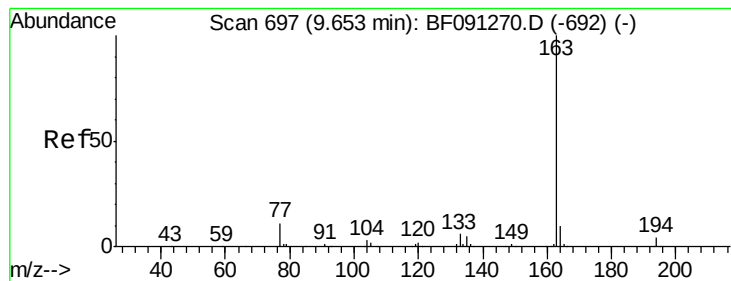
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#48
Acenaphthylene
Concen: 38.14 ng
RT: 9.78 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	24.8
153	14.4	10.7	16.1





#49

Dimethylphthalate

Concen: 33.81 ng

RT: 9.65 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:163 Resp: 1082687

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

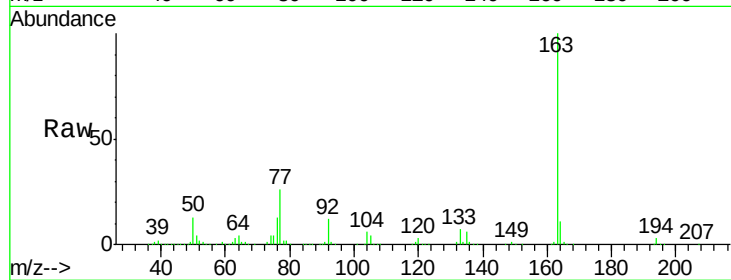
164 11.1 7.8 11.8

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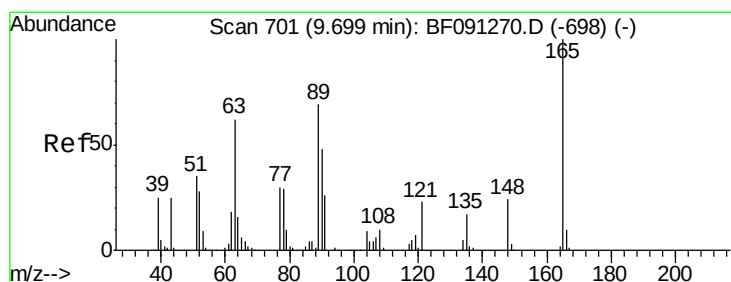
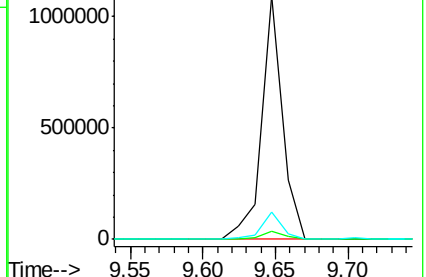
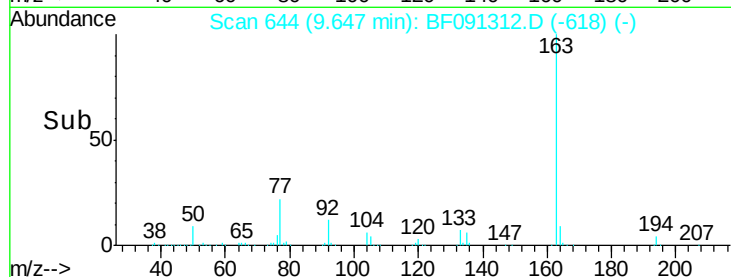
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.69 ng

RT: 9.70 min Scan# 649

Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

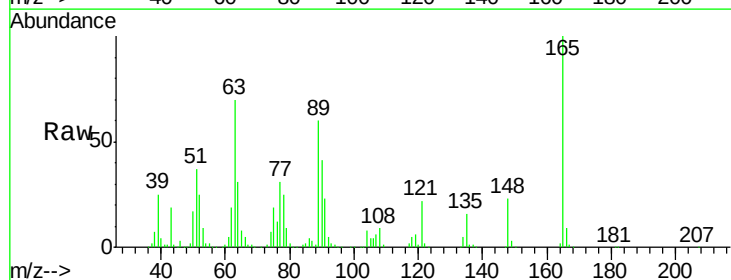
Tgt Ion:165 Resp: 270611

Ion Ratio Lower Upper

165 100

63 70.4 59.4 89.0

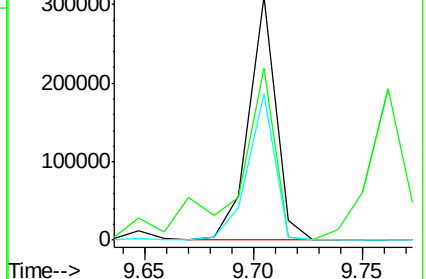
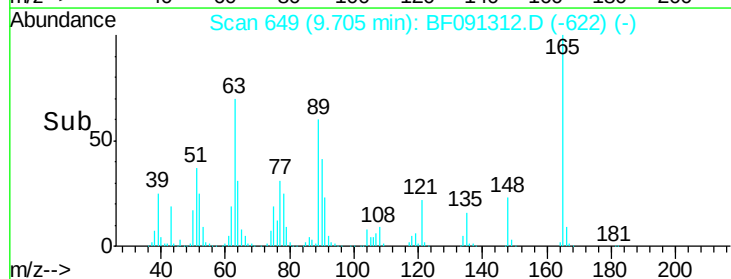
89 60.1 50.8 76.2

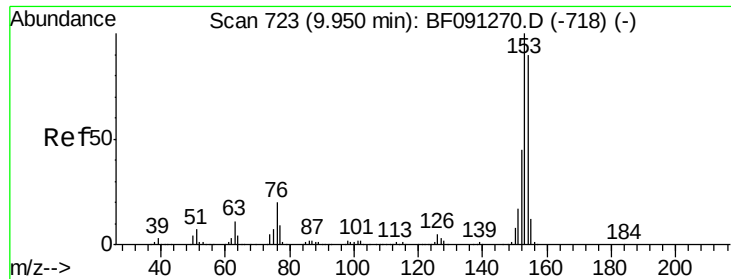


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.30 ng

RT: 9.96 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1101779

Ion Ratio Lower Upper

154 100

153 111.4 91.0 136.6

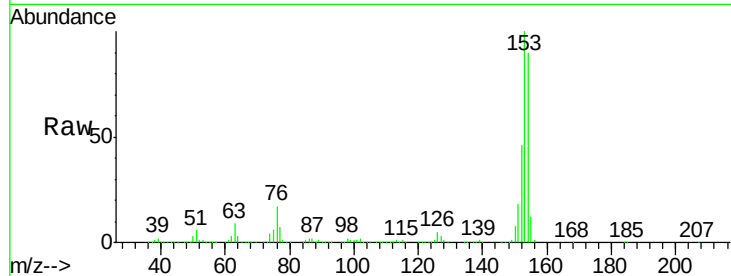
152 51.6 44.2 66.2

Manual Integrations

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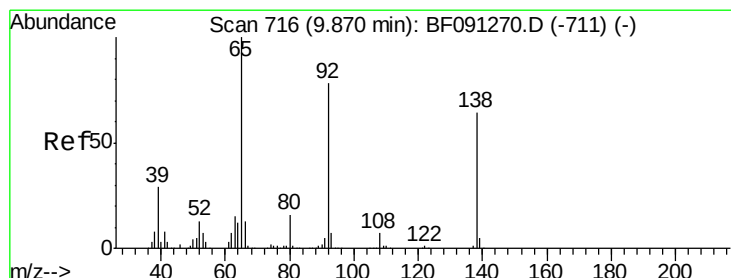
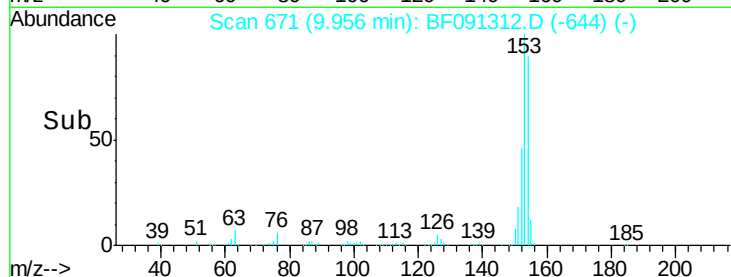
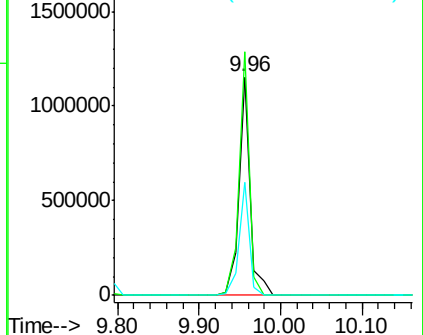
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 47.13 ng

RT: 9.88 min Scan# 664

Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

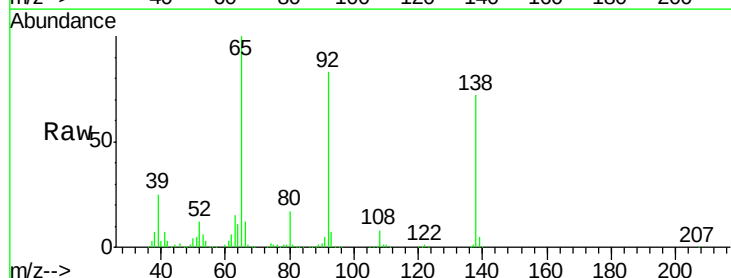
Tgt Ion:138 Resp: 354372

Ion Ratio Lower Upper

138 100

108 10.8 8.1 12.1

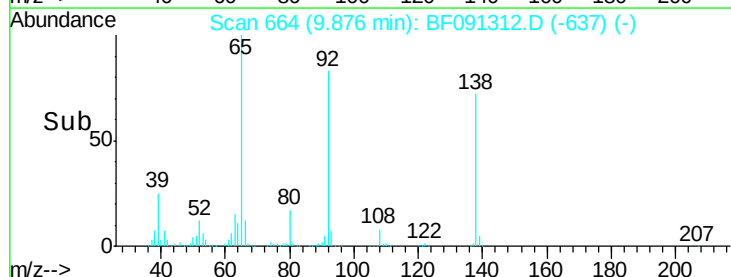
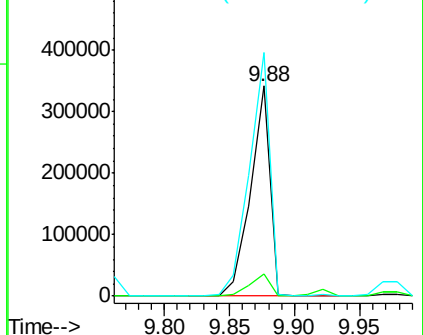
92 116.1 92.5 138.7

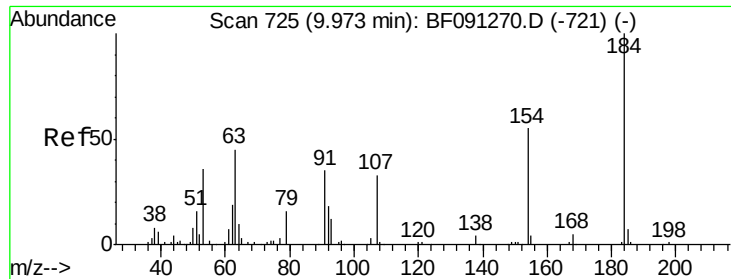


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





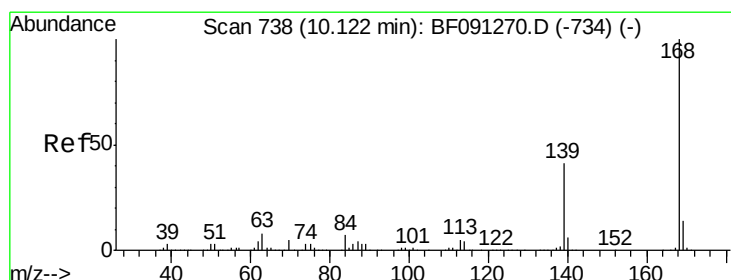
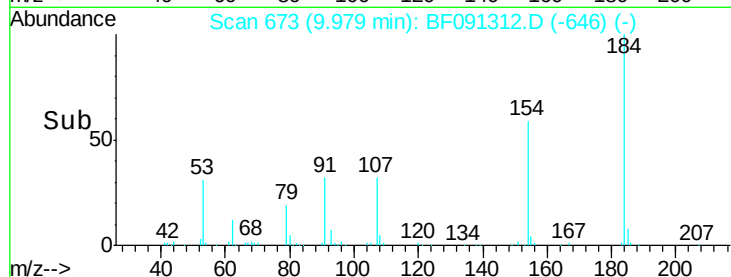
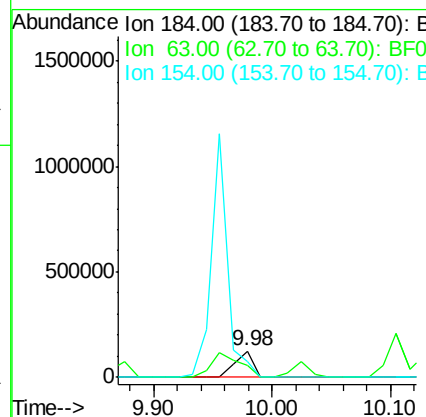
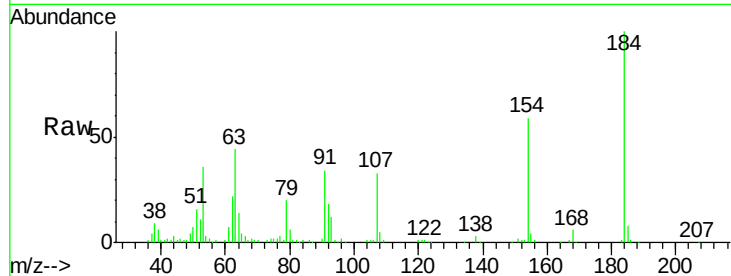
#53
2,4-Dinitrophenol
Concen: 50.96 ng
RT: 9.98 min Scan# 673
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	135322		
63	44.0	58.3	87.5#	
154	59.1	48.6	73.0	

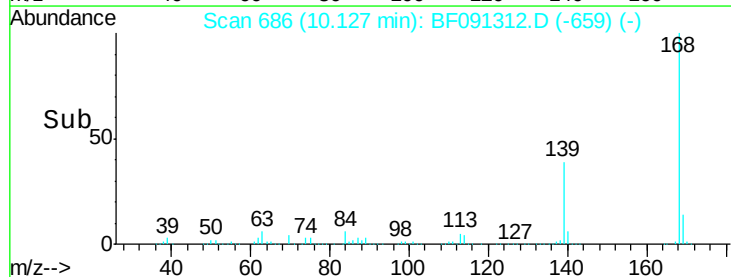
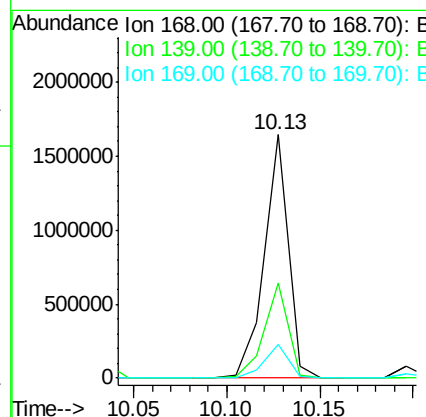
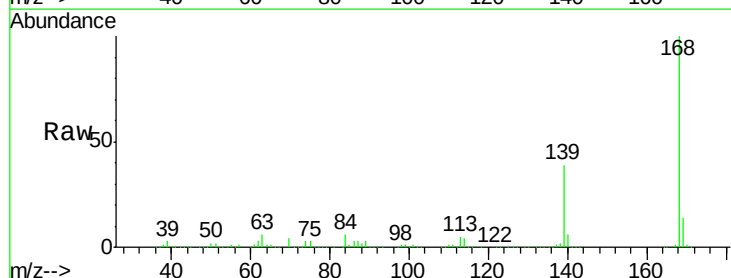
Manual Integrations
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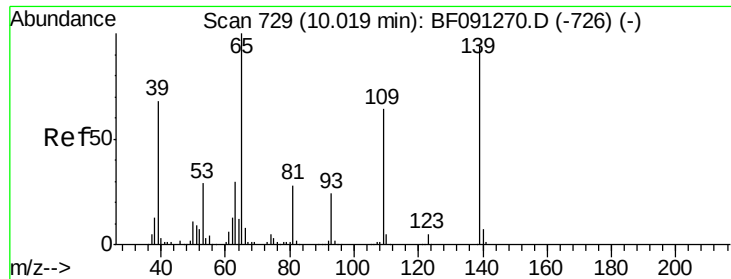
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#54
Dibenzofuran
Concen: 35.01 ng
RT: 10.13 min Scan# 686
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1454566		
139	38.9	33.4	50.2	
169	13.7	11.1	16.7	





#55

4-Nitrophenol

Concen: 41.67 ng

RT: 10.02 min Scan# 677

Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Instrument :

BNA_F

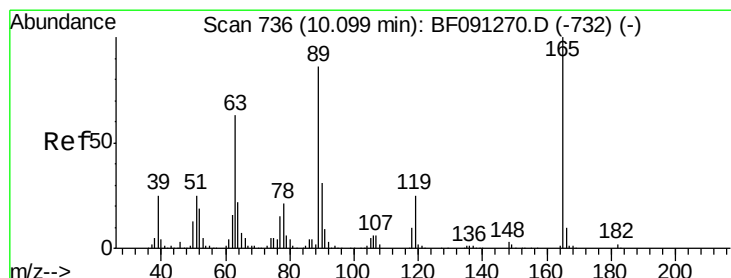
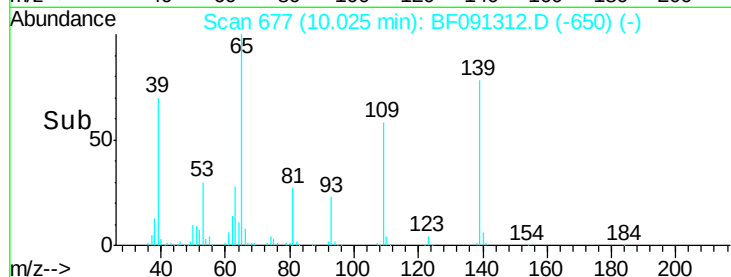
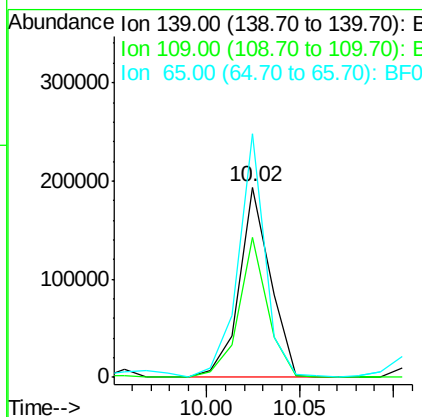
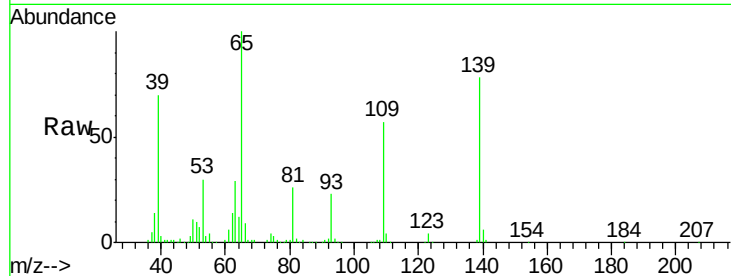
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	225984
Ion Ratio	Lower	Upper	
139	100		
109	73.5	54.9	94.9
65	127.9	102.2	142.2

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 38.87 ng

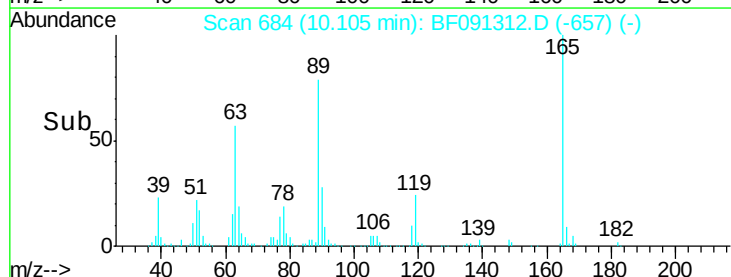
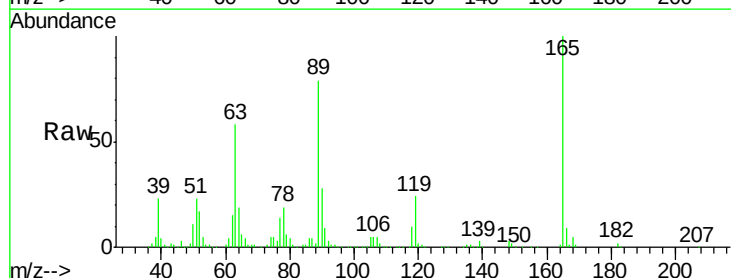
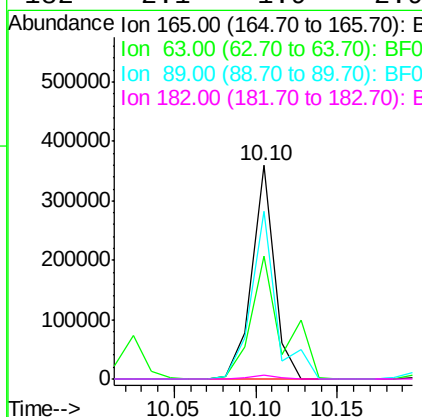
RT: 10.10 min Scan# 684

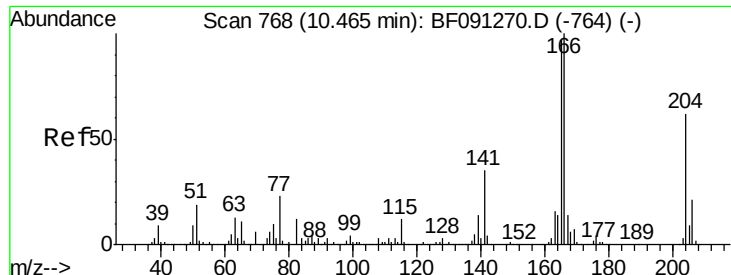
Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Tgt Ion:	165	Resp:	344002
Ion Ratio	Lower	Upper	
165	100		
63	57.7	29.0	43.4#
89	78.7	43.1	64.7#
182	2.1	1.9	2.9





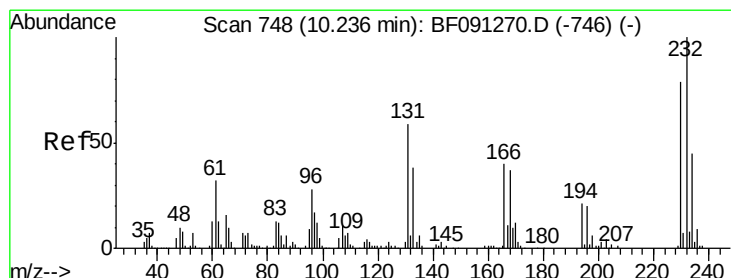
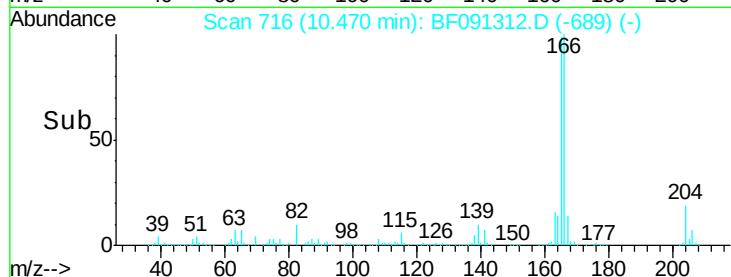
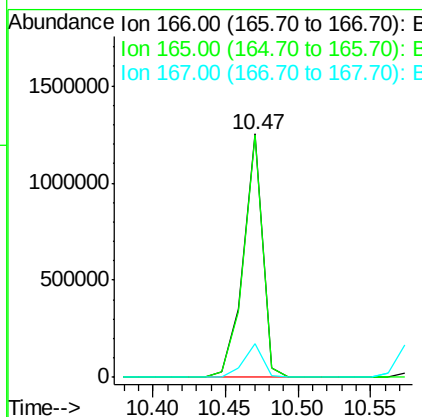
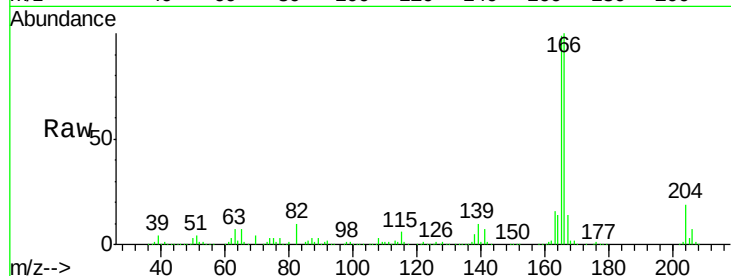
#57
Fluorene
 Concen: 36.22 ng
 RT: 10.47 min Scan# 716
 Delta R.T. 0.01 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.0	120.0
167	13.8	10.8	16.2

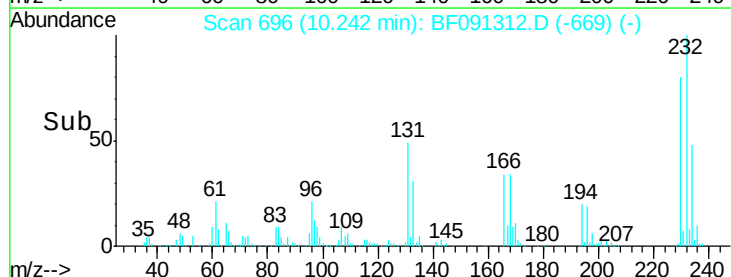
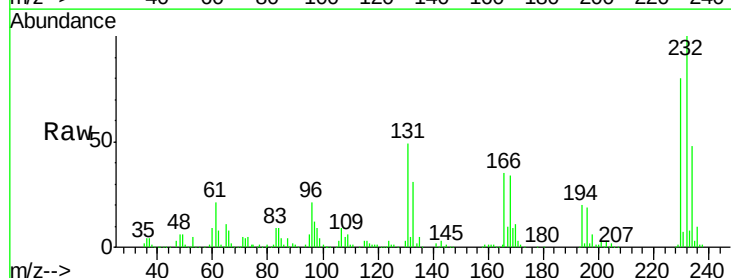
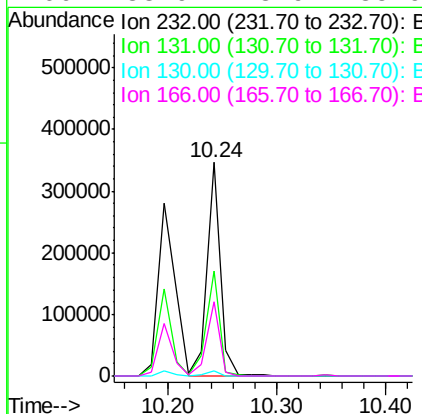
Manual Integrations
 APPROVED

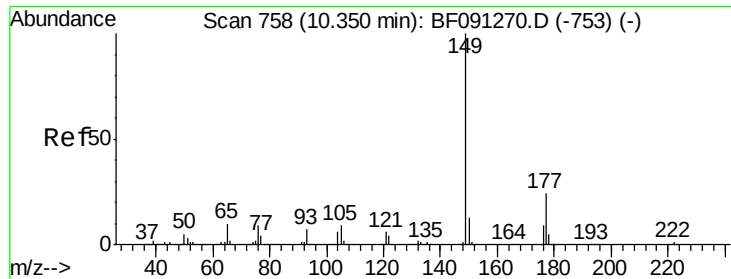
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.82 ng
 RT: 10.24 min Scan# 696
 Delta R.T. 0.01 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.6	38.4	57.6
130	2.5	1.8	2.8
166	33.9	23.9	35.9





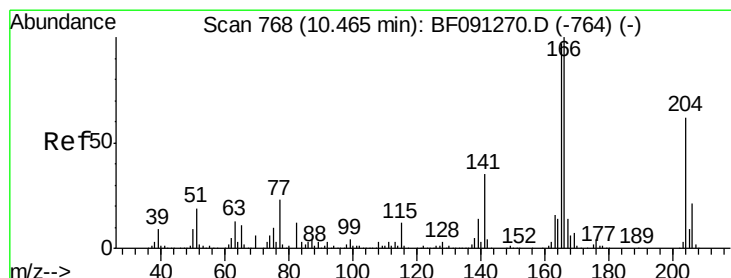
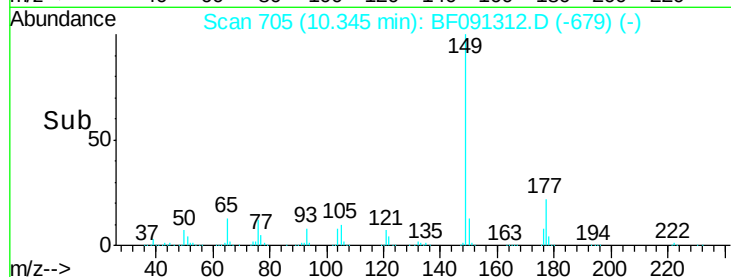
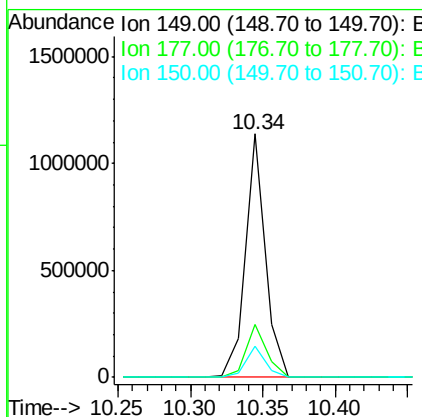
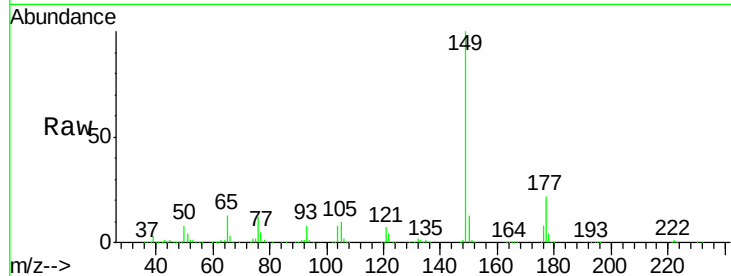
#59
Diethylphthalate
Concen: 33.55 ng
RT: 10.34 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	15.7	23.5
150	12.7	10.2	15.2

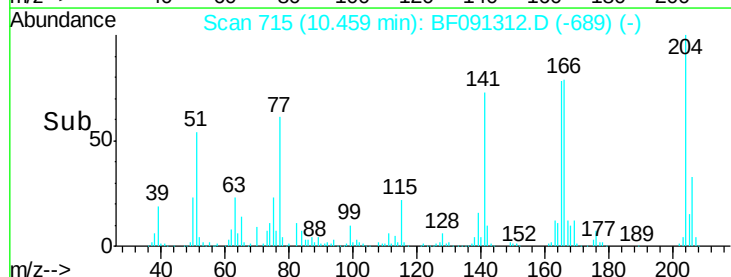
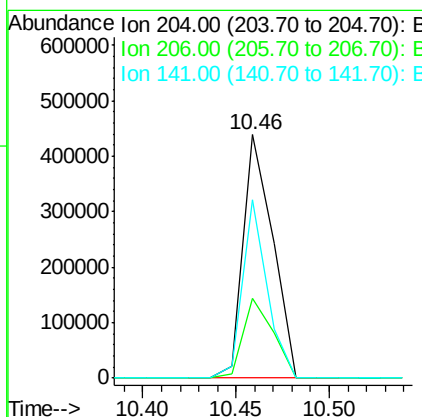
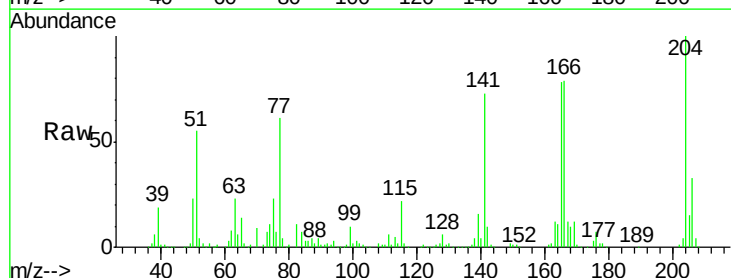
Manual Integrations
APPROVED

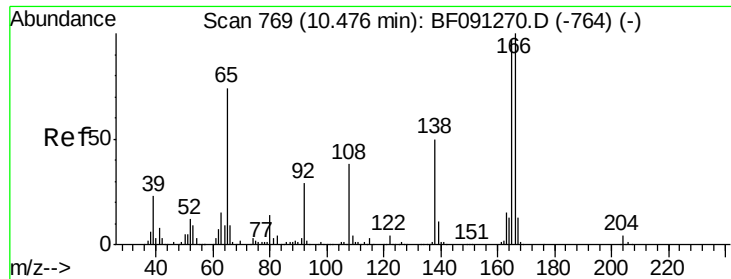
UMANGI
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#60
4-Chlorophenyl-phenylether
Concen: 32.95 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.1	39.1
141	73.1	40.6	61.0#





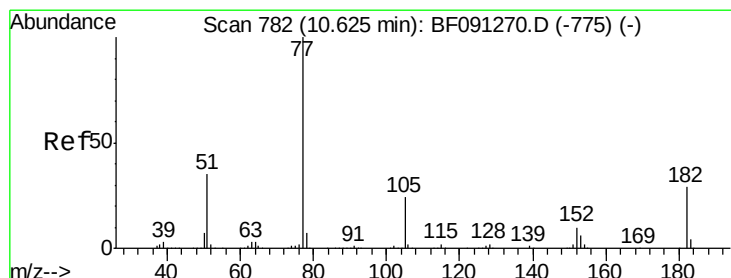
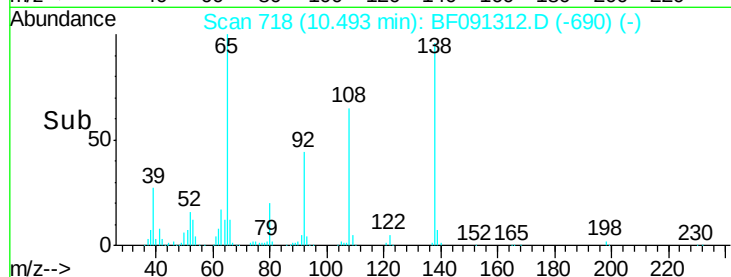
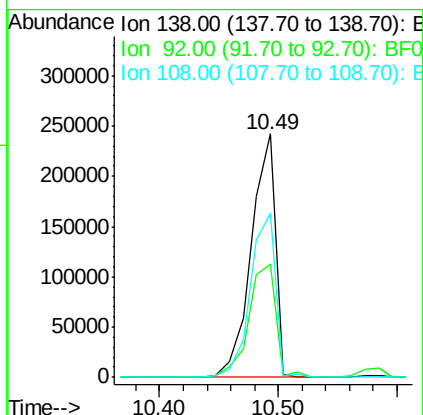
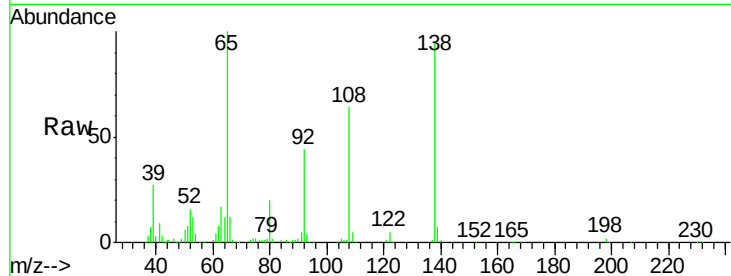
#61
4-Nitroaniline
Concen: 49.38 ng
RT: 10.49 min Scan# 718
Delta R.T. 0.02 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.3	26.9	66.9
108	67.6	49.1	89.1

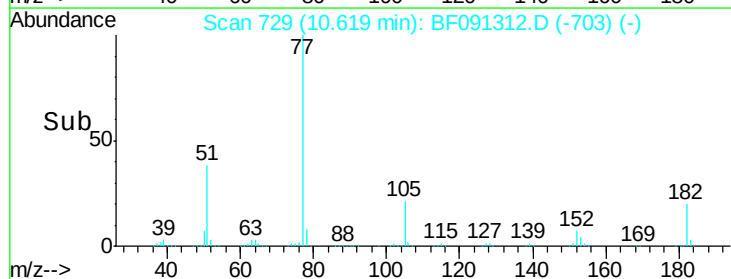
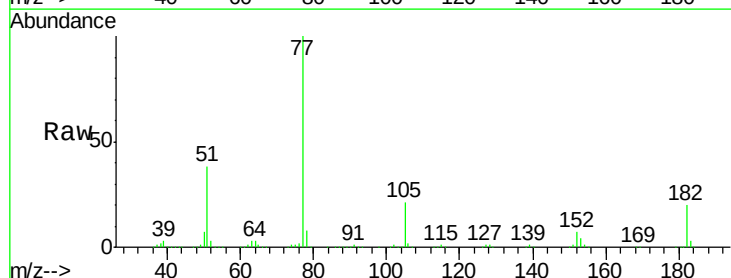
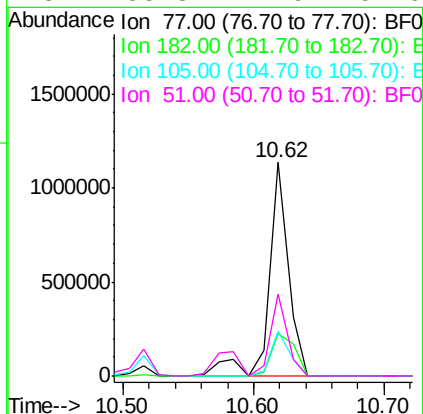
Manual Integrations
APPROVED

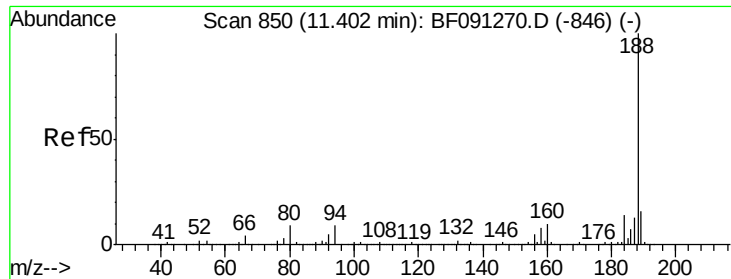
UMANGI
11/29/2016 9:26:28 AM



#62
Azobenzene
Concen: 36.95 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.0	12.5	52.5
105	21.3	3.7	43.7
51	38.3	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 798

Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:188 Resp: 871827
Ion Ratio Lower Upper

188 100

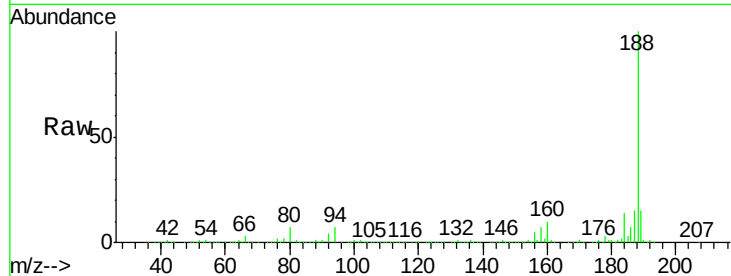
94 6.6 9.2 13.8#

80 7.2 10.5 15.7#

Manual Integrations
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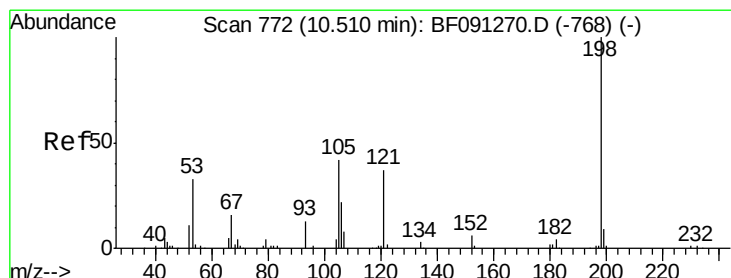
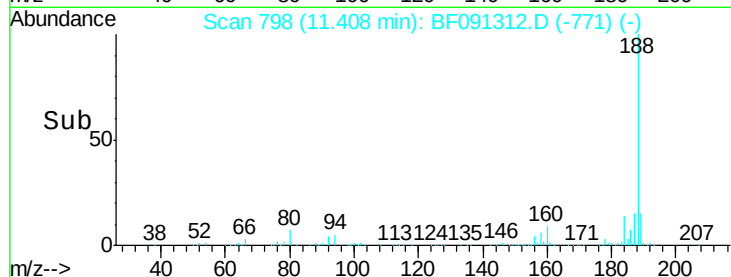
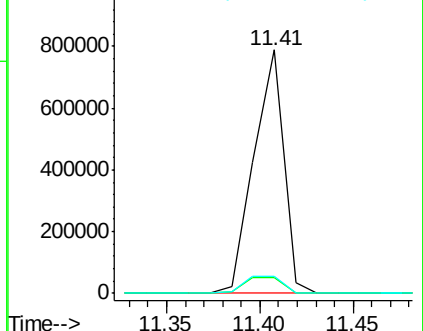
11/29/2016 9:26:28 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 51.01 ng

RT: 10.52 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF091312.D

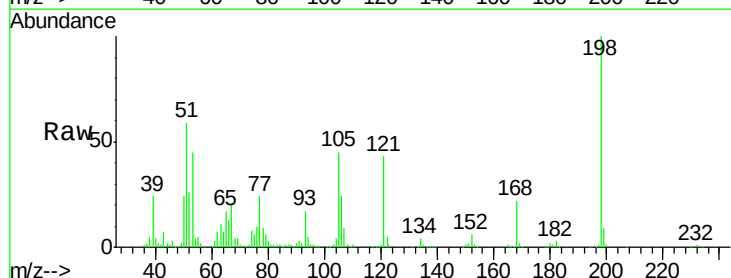
Acq: 28 Nov 2016 12:52

Tgt Ion:198 Resp: 201668
Ion Ratio Lower Upper

198 100

51 58.5 77.1 117.1#

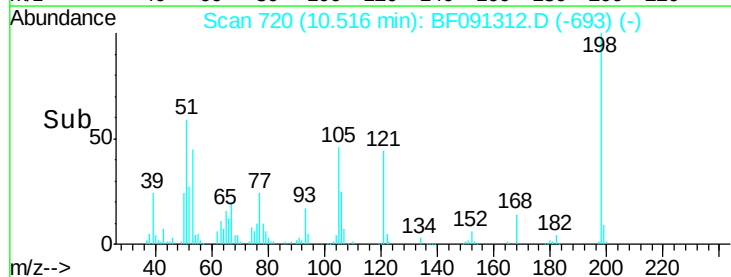
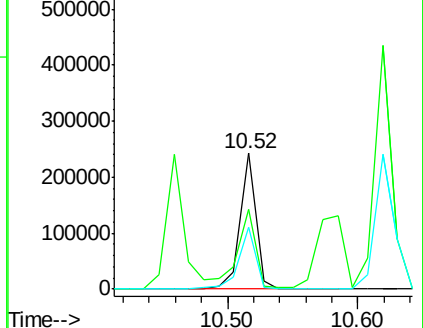
105 45.2 44.8 84.8

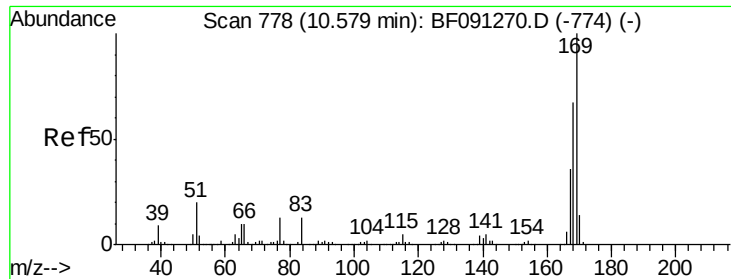


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.35 ng

RT: 10.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1068013

Ion Ratio Lower Upper

169 100

168 67.1 53.8 80.8

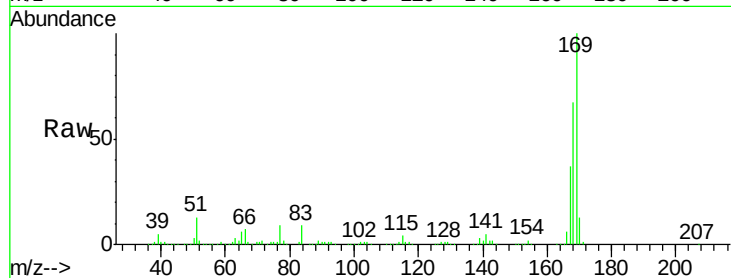
167 36.8 29.8 44.8

Manual Integrations

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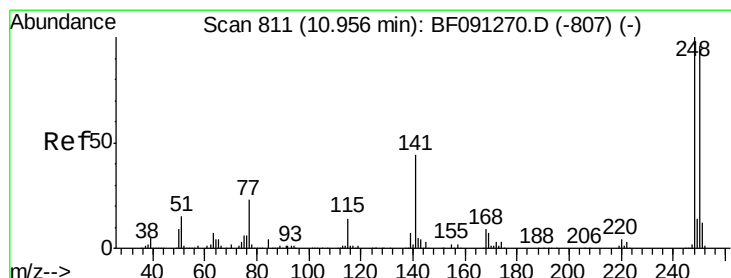
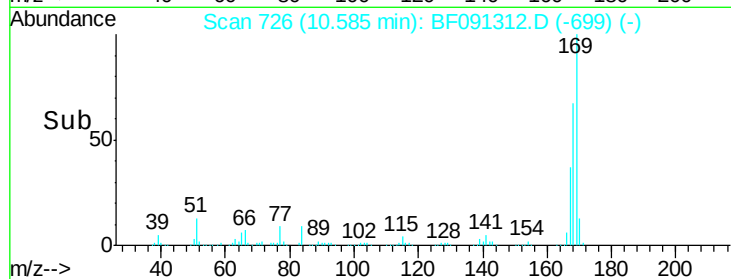
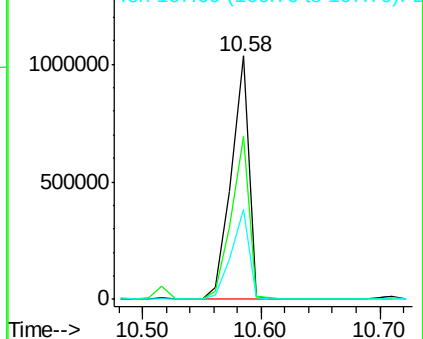
11/29/2016 9:26:28 AM



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: 36.10 ng

RT: 10.95 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

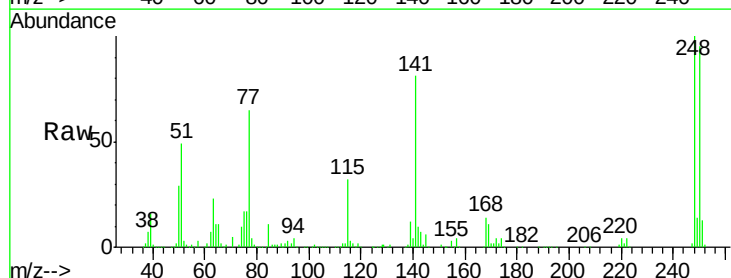
Tgt Ion:248 Resp: 344028

Ion Ratio Lower Upper

248 100

250 95.2 78.2 117.4

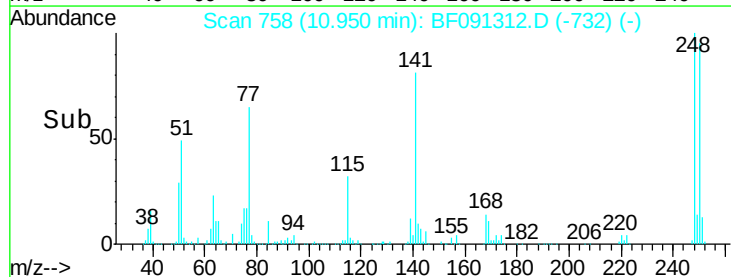
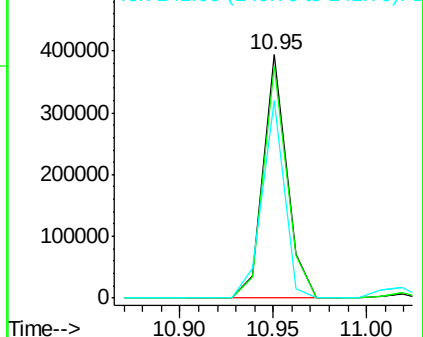
141 81.3 71.9 107.9

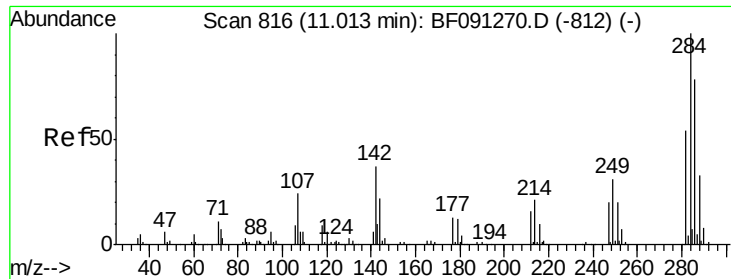


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





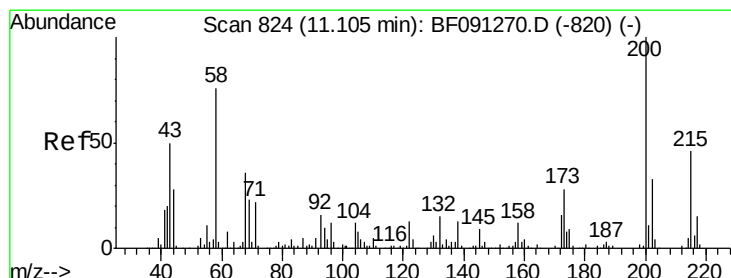
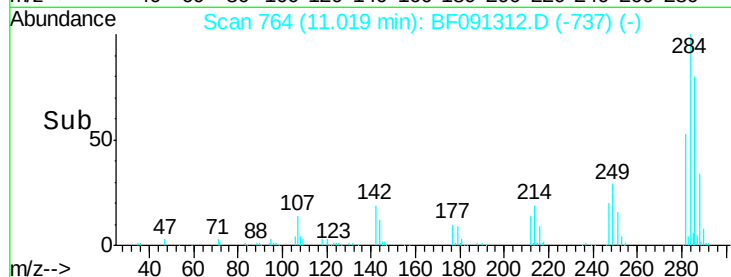
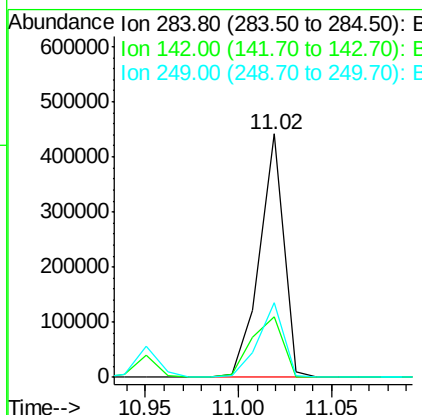
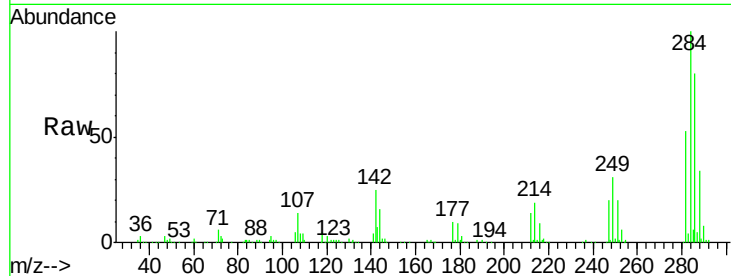
#67
Hexachlorobenzene
Concen: 37.96 ng
RT: 11.02 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	396540		
142	25.1	17.9	26.9	
249	30.9	23.6	35.4	

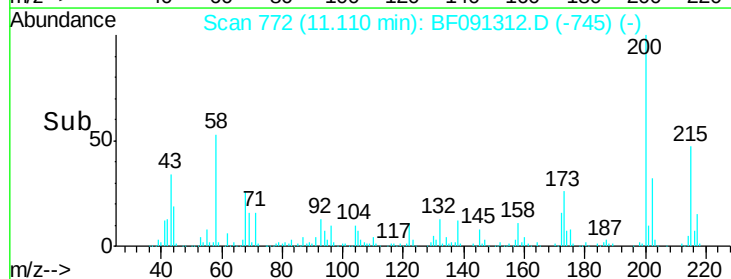
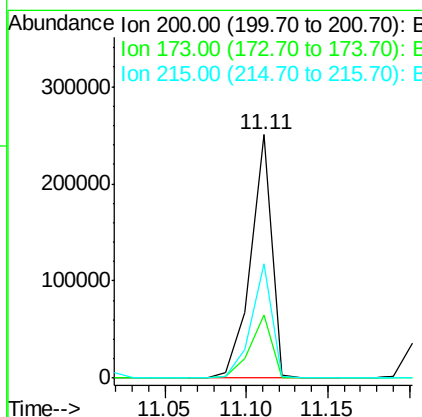
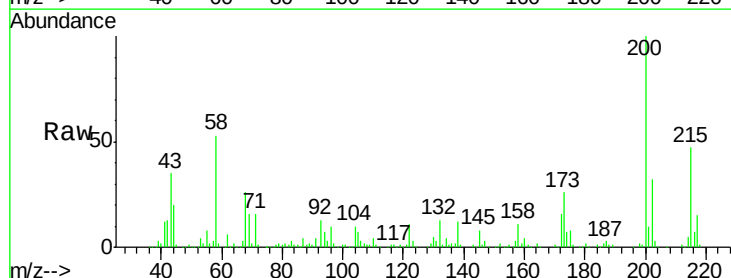
Manual Integrations
APPROVED

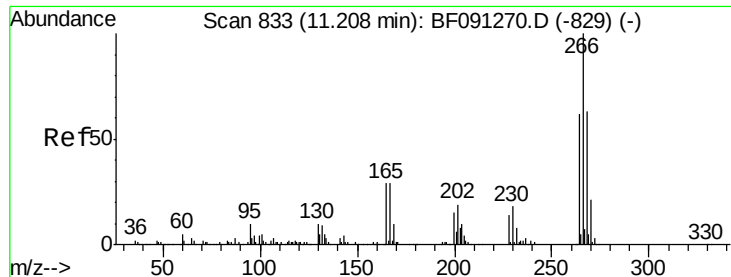
UMANGI
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#68
Atrazine
Concen: 27.07 ng
RT: 11.11 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	224870		
173	26.0	7.8	47.8	
215	47.2	24.3	64.3	





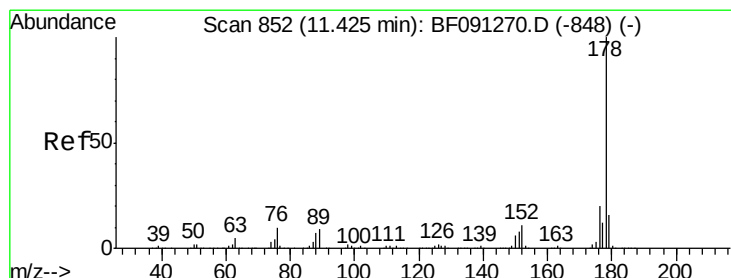
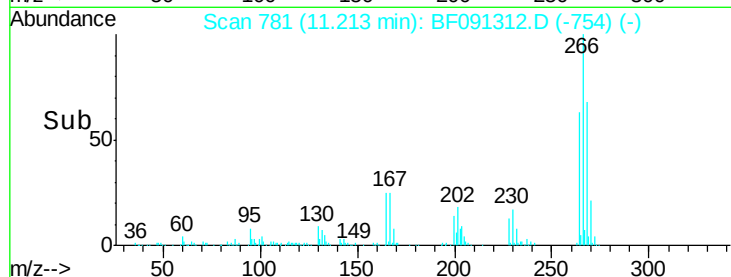
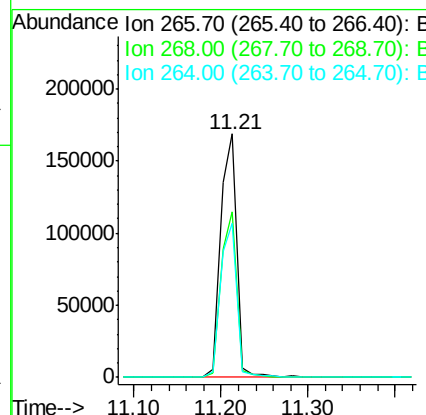
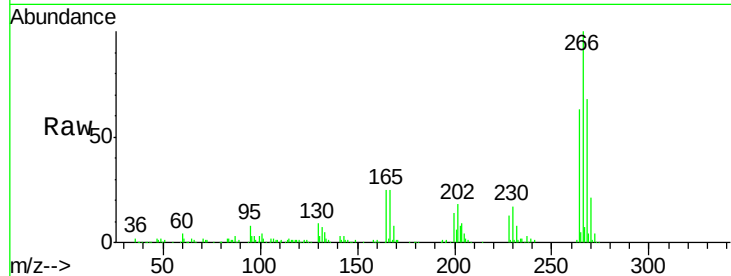
#69
 Pentachlorophenol
 Concen: 36.08 ng
 RT: 11.21 min Scan# 781
 Delta R.T. 0.01 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	222951		
268	68.3	50.3	75.5	
264	63.2	48.2	72.2	

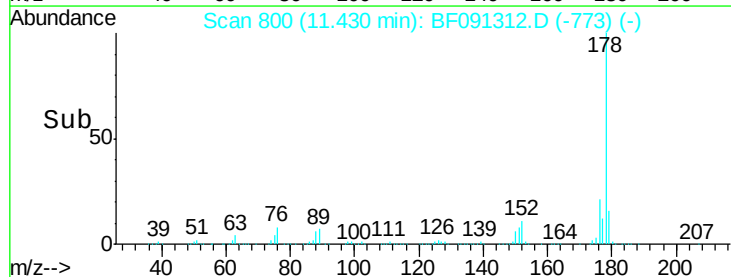
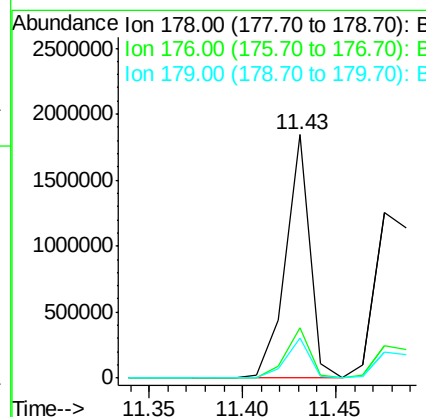
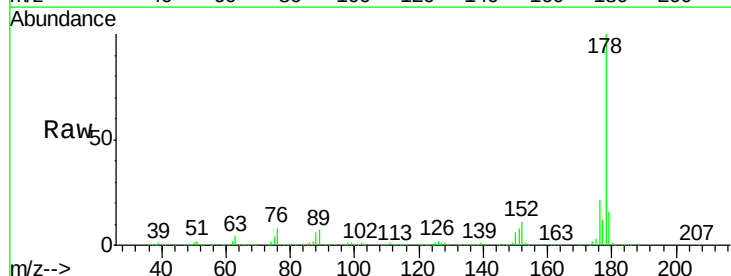
Manual Integrations
 APPROVED

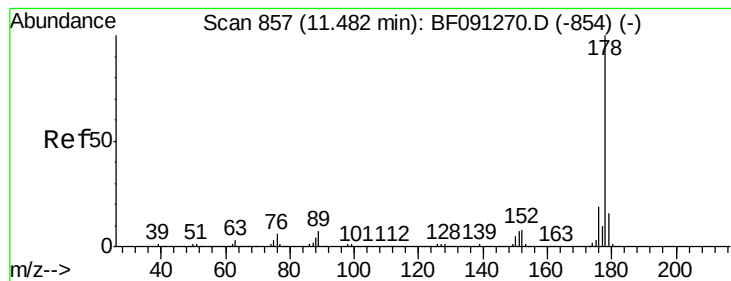
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#70
 Phenanthrene
 Concen: 36.77 ng
 RT: 11.43 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1663046		
176	20.6	15.9	23.9	
179	16.5	12.6	18.8	





#71
 Anthracene
 Concen: 37.22 ng
 RT: 11.48 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

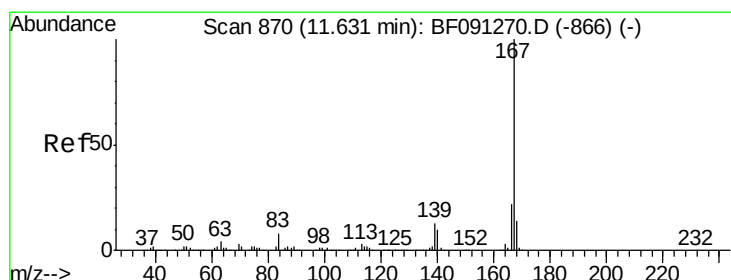
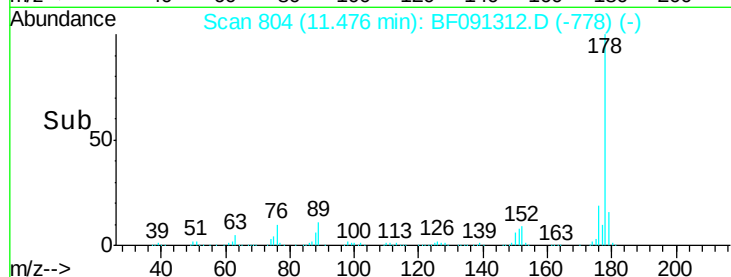
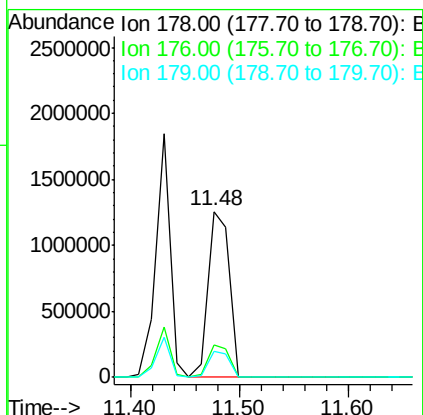
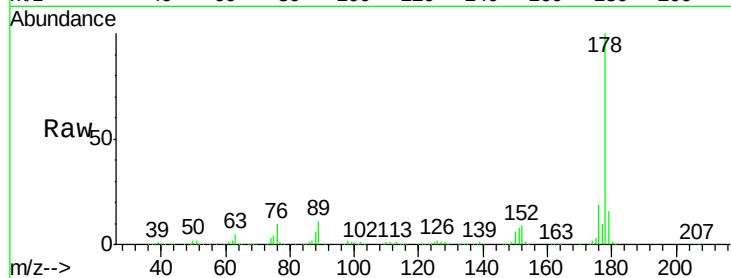
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1721178

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	16.0	12.7	19.1

Manual Integrations
 APPROVED

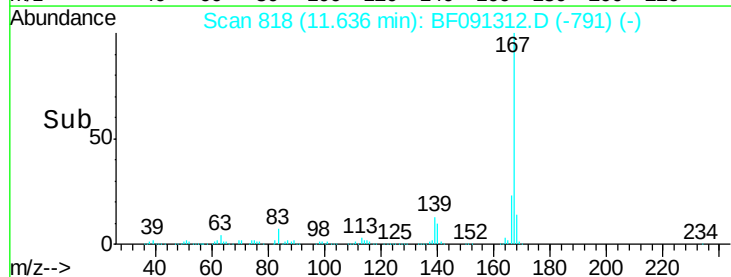
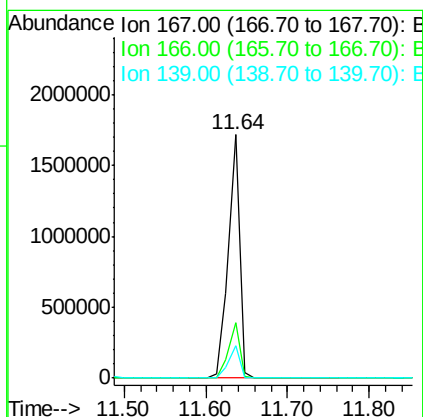
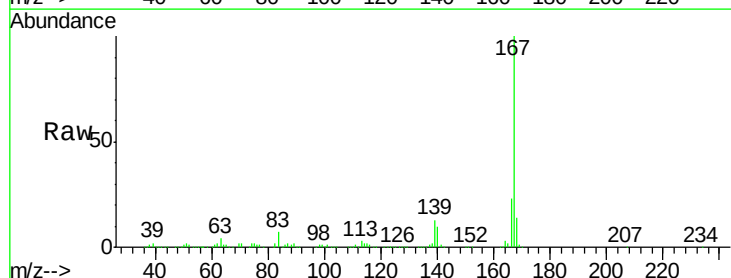
UMANGI
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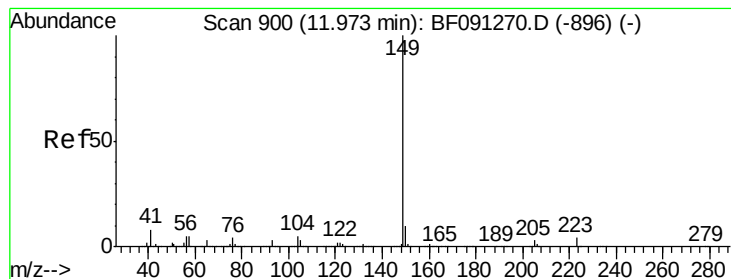


#72
 Carbazole
 Concen: 40.01 ng
 RT: 11.64 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Tgt Ion:167 Resp: 1646484

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	13.3	11.5	17.3





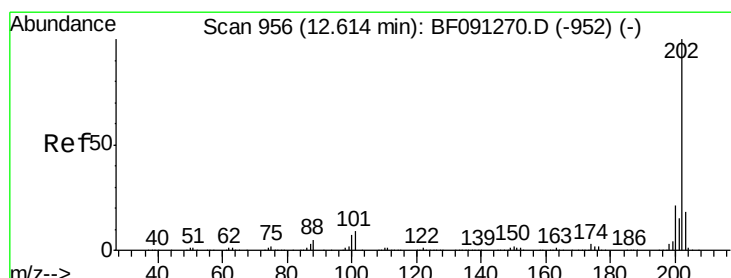
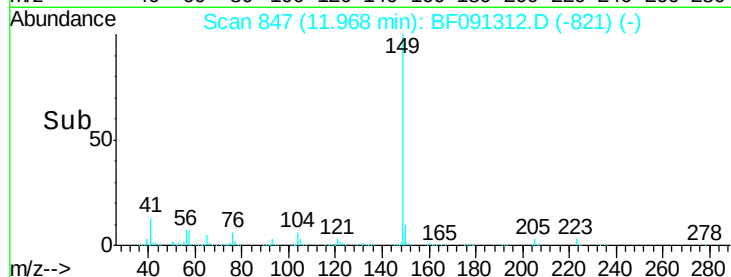
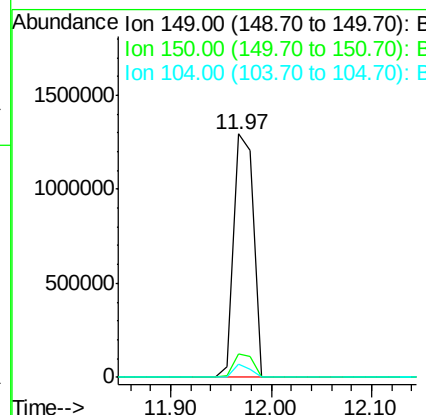
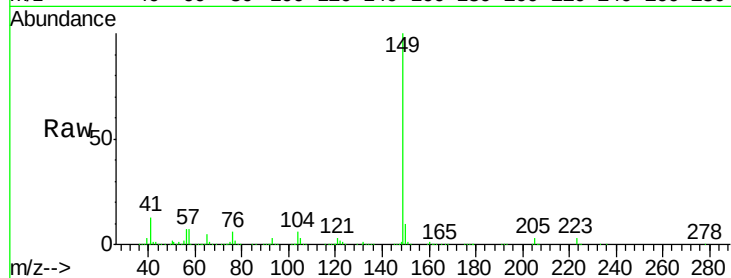
#73
Di-n-butylphthalate
Concen: 36.91 ng
RT: 11.97 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.5	11.3
104	5.6	4.0	6.0

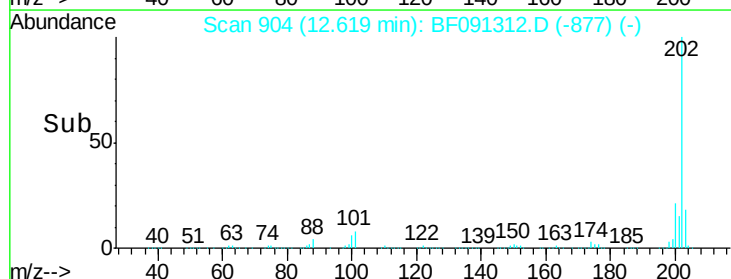
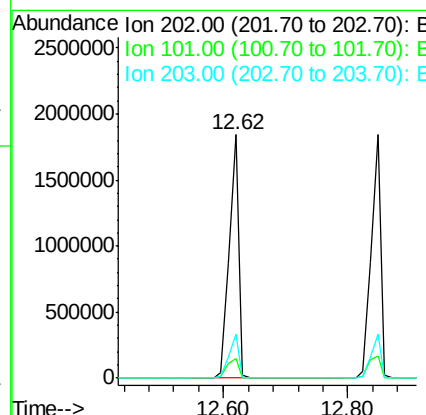
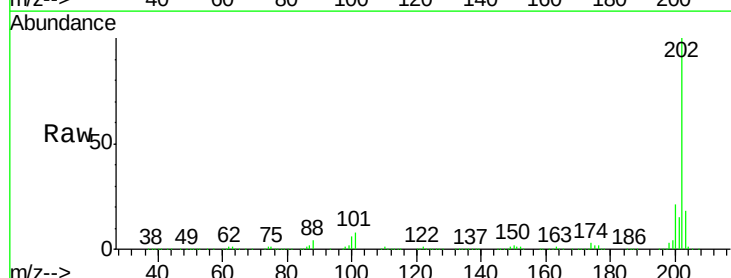
Manual Integrations
APPROVED

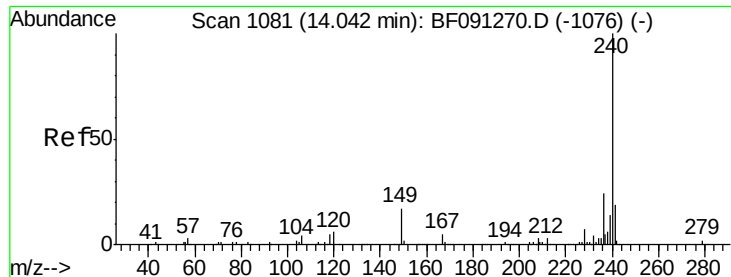
UMANGI
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#74
Fluoranthene
Concen: 41.59 ng
RT: 12.62 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	29.5
203	18.2	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Instrument :

BNA_F

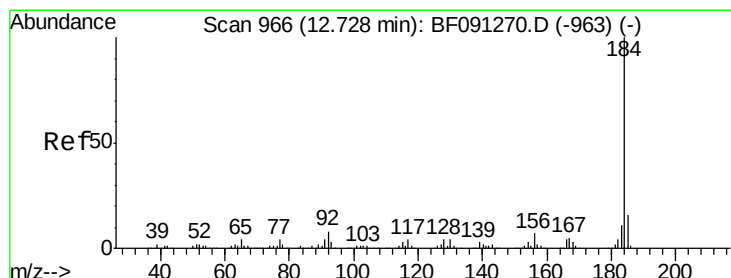
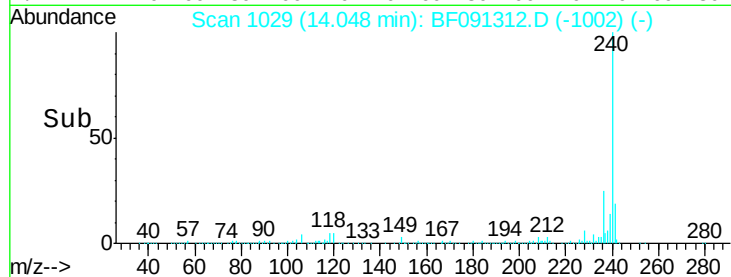
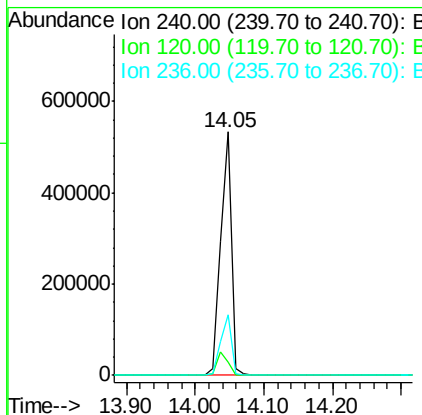
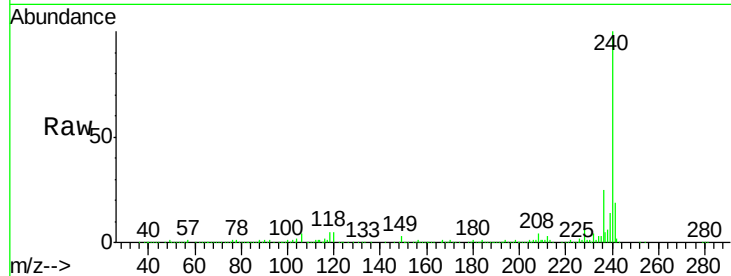
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.5	12.1	18.1#
236	24.9	21.0	31.6

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#76

Benzidine

Concen: 55.25 ng

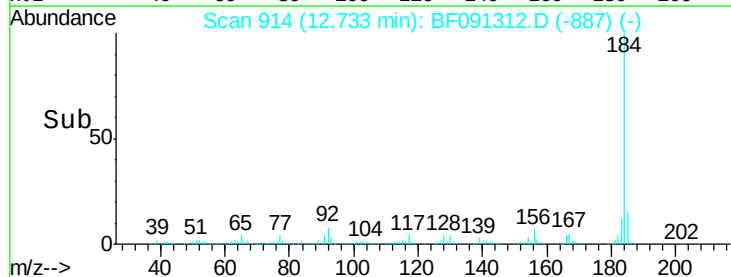
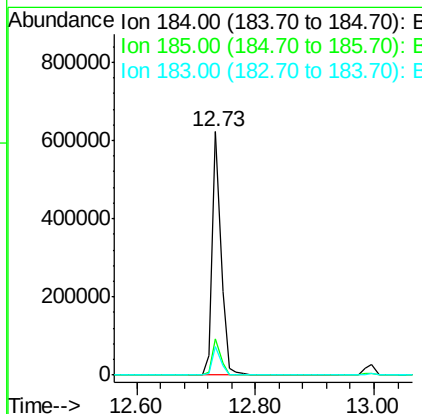
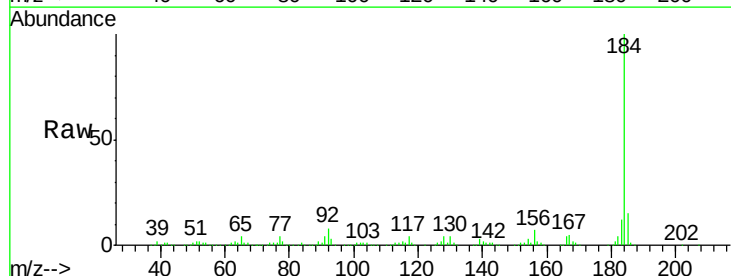
RT: 12.73 min Scan# 914

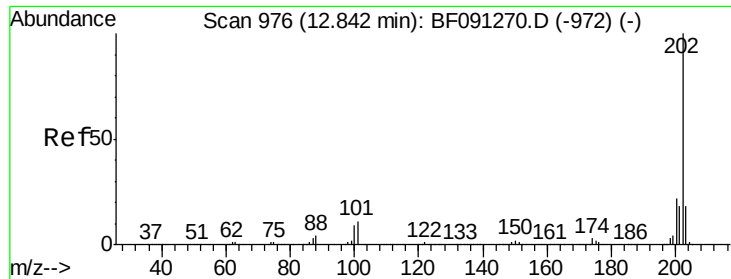
Delta R.T. 0.01 min

Lab File: BF091312.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.1	19.7
183	11.7	8.9	13.3





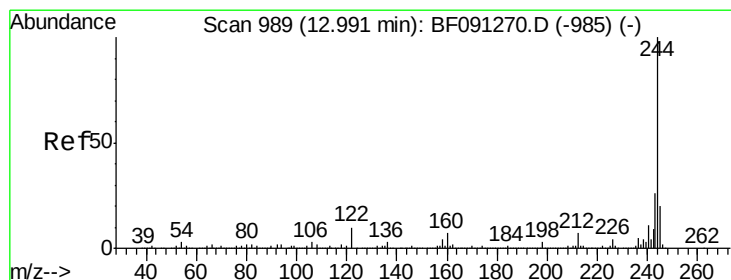
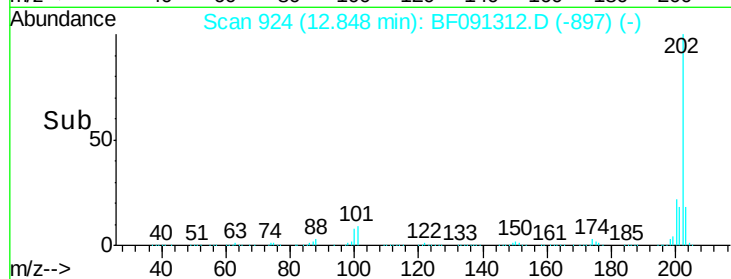
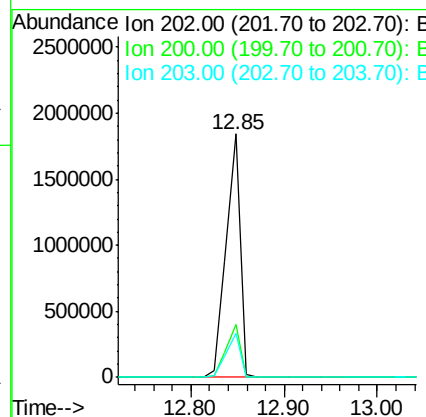
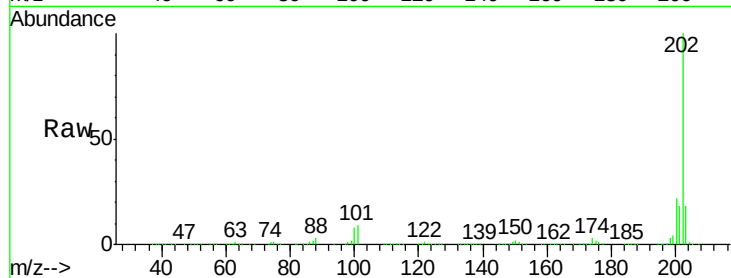
#77
 Pvrene
 Concen: 43.90 ng
 RT: 12.85 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.9	14.0	21.0

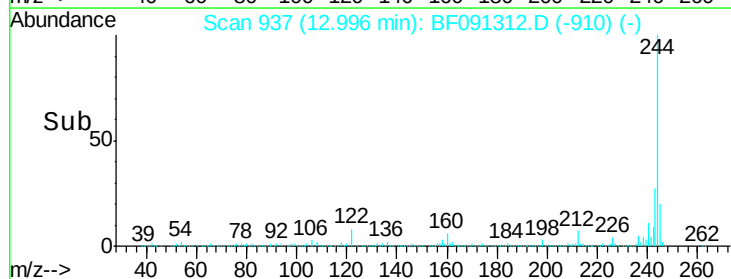
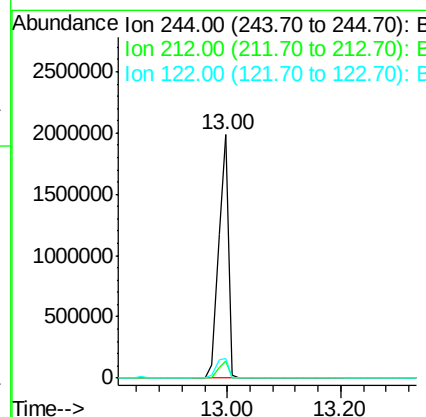
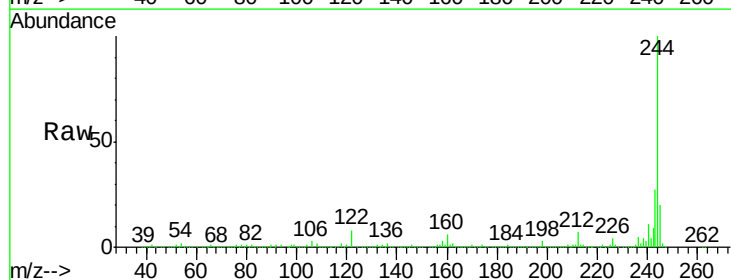
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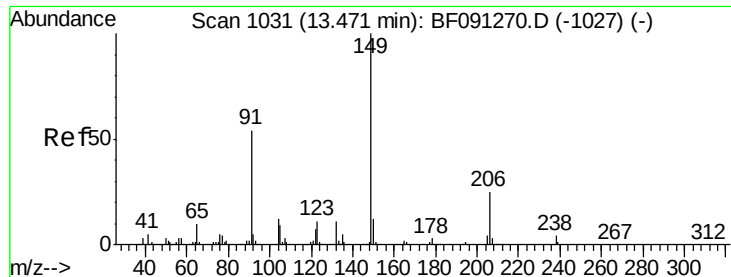
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#78
 Terphenyl-d14
 Concen: 86.96 ng
 RT: 13.00 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	8.2	9.5	14.3#





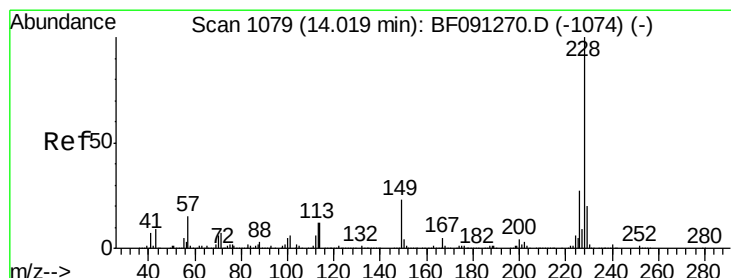
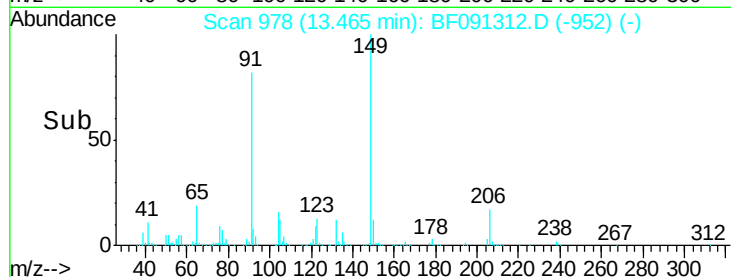
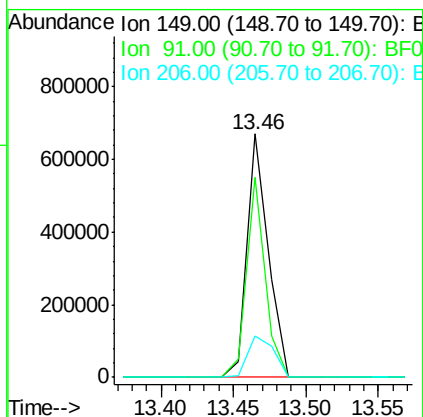
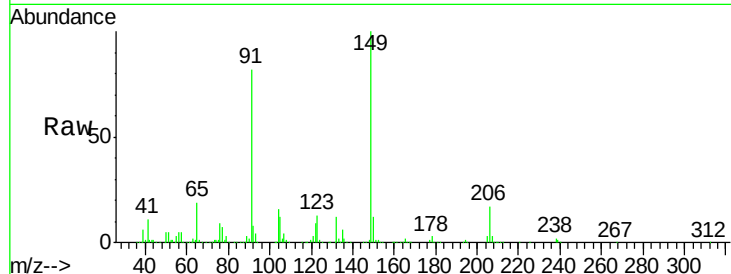
#79
Butylbenzylphthalate
Concen: 38.60 ng
RT: 13.46 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	82.1	57.4	86.2
206	17.2	15.4	23.2

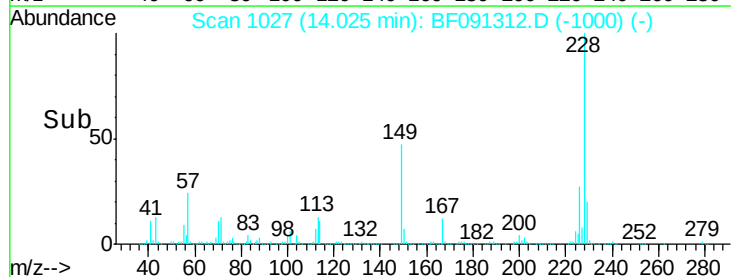
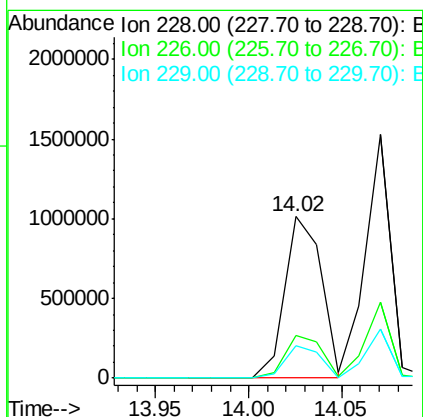
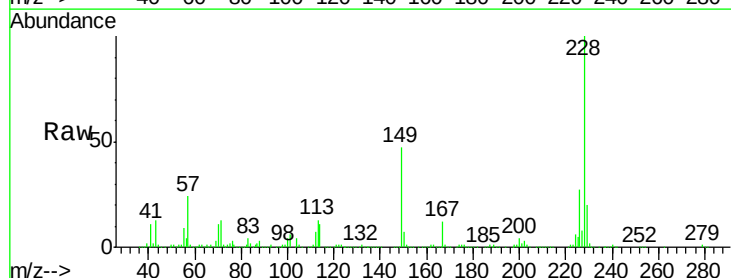
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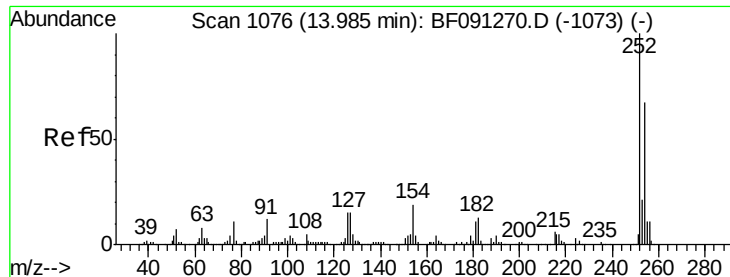
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#80
Benzo(a)anthracene
Concen: 41.23 ng
RT: 14.02 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.5	33.7
229	20.1	16.4	24.6





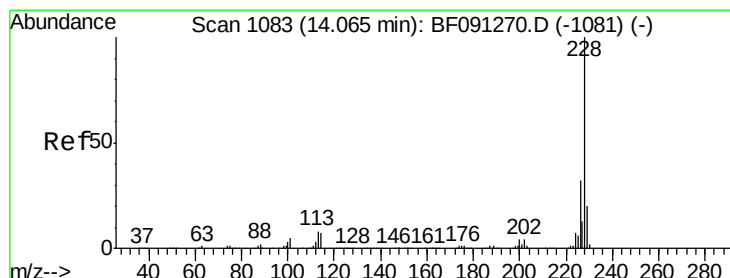
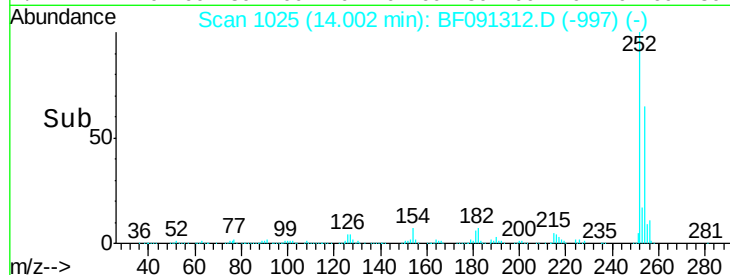
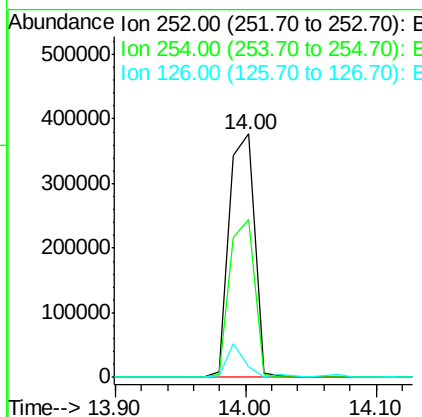
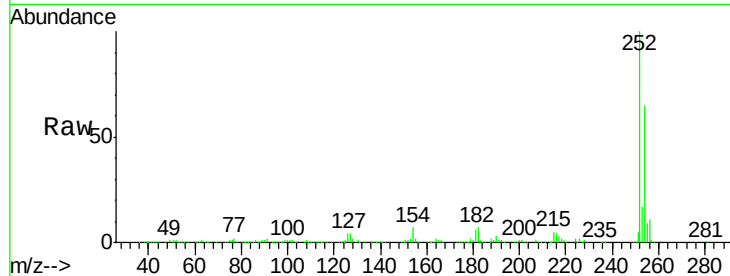
#81
 3,3'-Dichlorobenzidine
 Concen: 45.82 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. 0.02 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.0	52.1	78.1
126	4.3	7.5	11.3

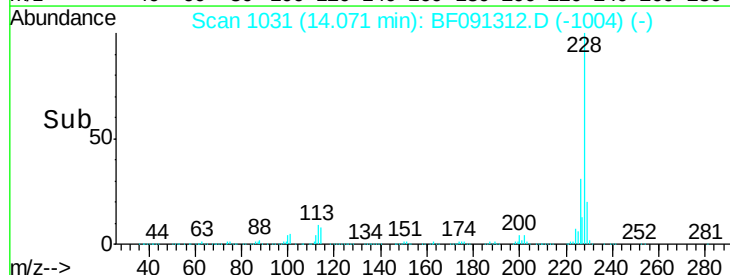
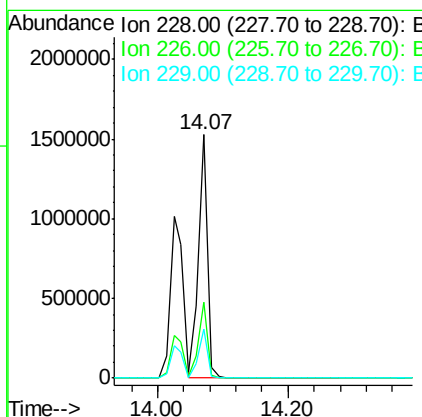
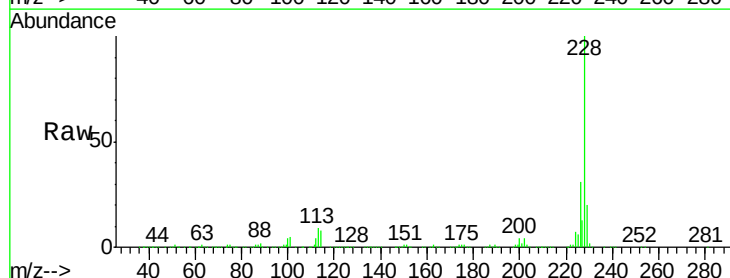
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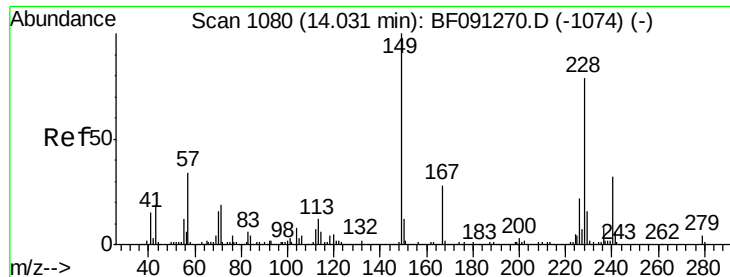
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#82
 Chrysene
 Concen: 44.82 ng
 RT: 14.07 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	25.0	37.4
229	20.2	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.99 ng

RT: 14.04 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 917847
Ion Ratio Lower Upper

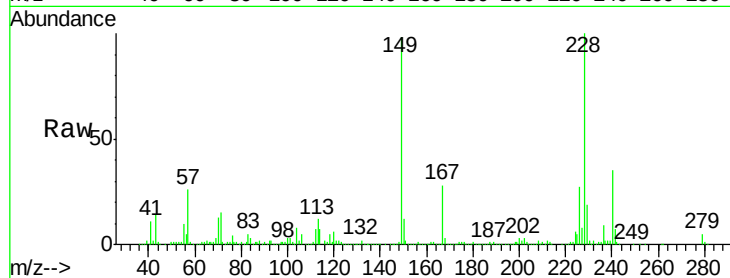
149 100

167 28.6 19.6 29.4

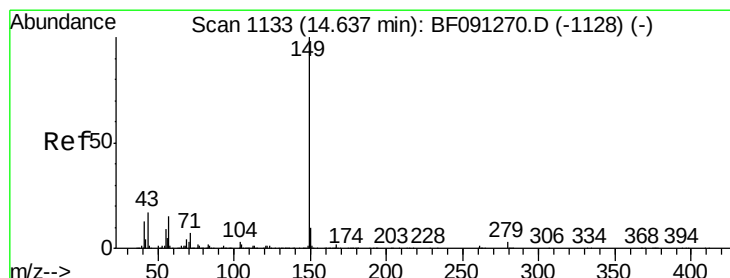
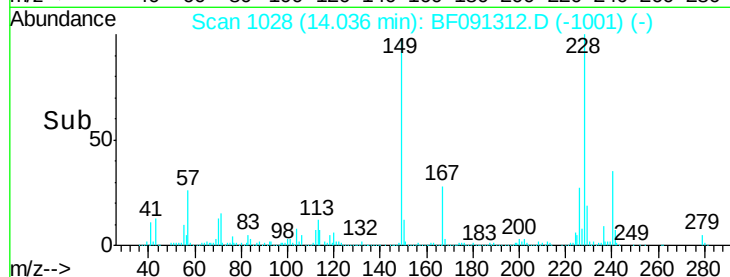
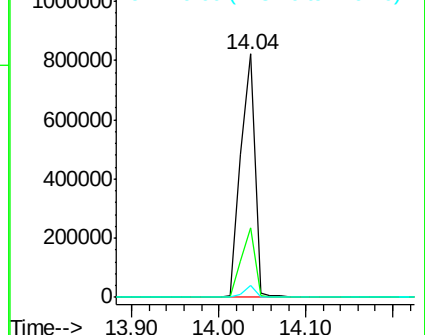
279 4.7 1.9 2.9#

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



#84

Di-n-octyl phthalate

Concen: 41.08 ng

RT: 14.64 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BF091312.D

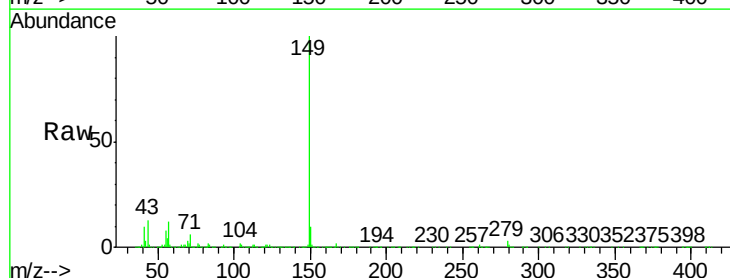
Acq: 28 Nov 2016 12:52

Tgt Ion:149 Resp: 1413245
Ion Ratio Lower Upper

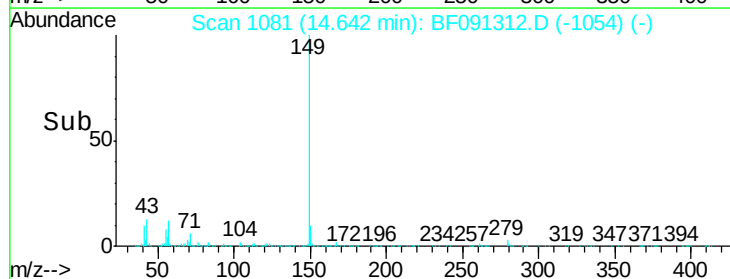
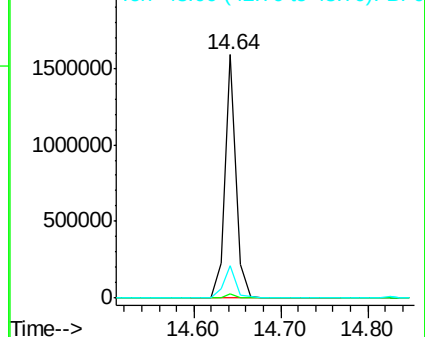
149 100

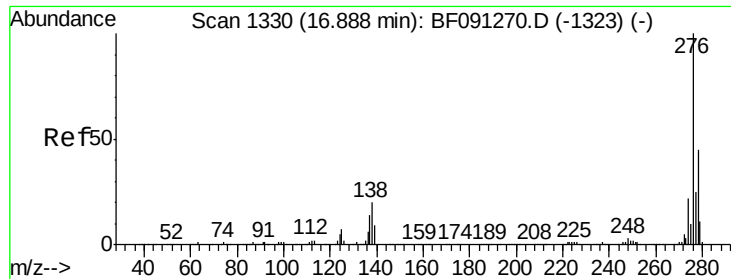
167 1.6 1.3 1.9

43 14.8 11.9 17.9



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





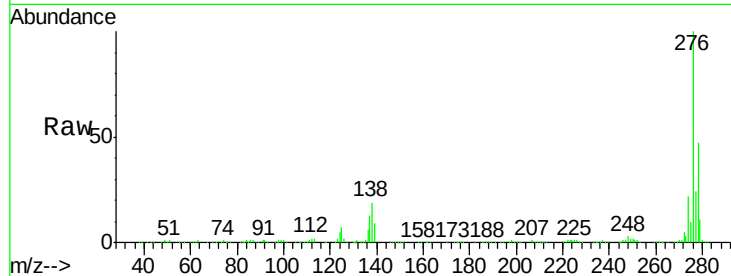
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.99 ng
 RT: 16.91 min Scan# 1279
 Delta R.T. 0.02 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

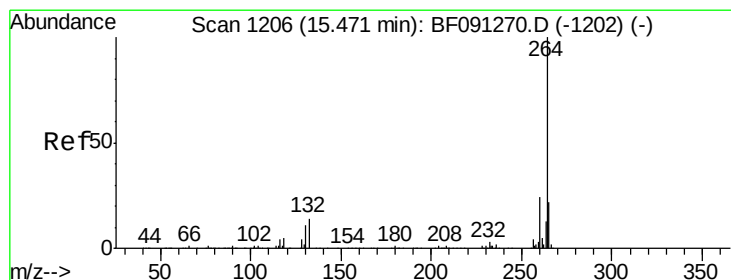
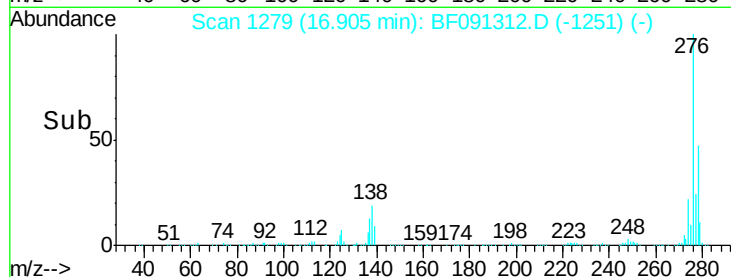
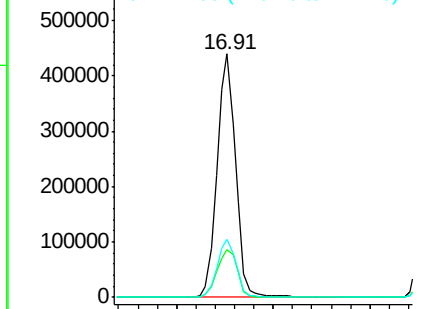
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.0	31.4
277	24.6	20.2	30.2

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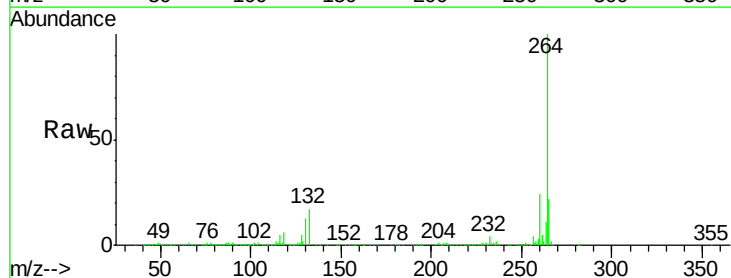


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

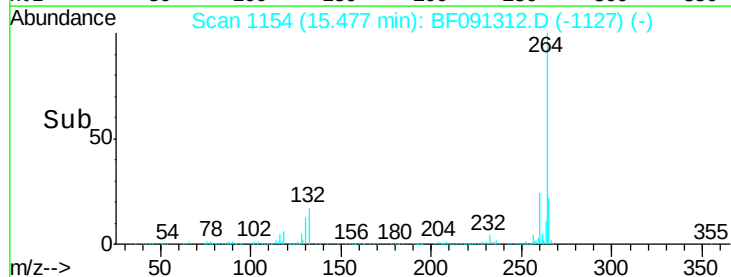
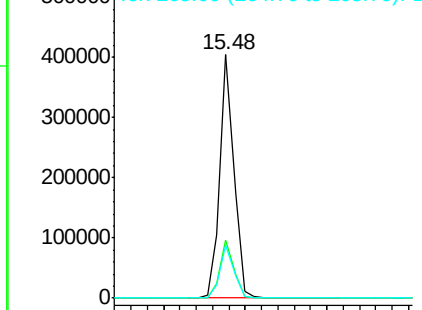


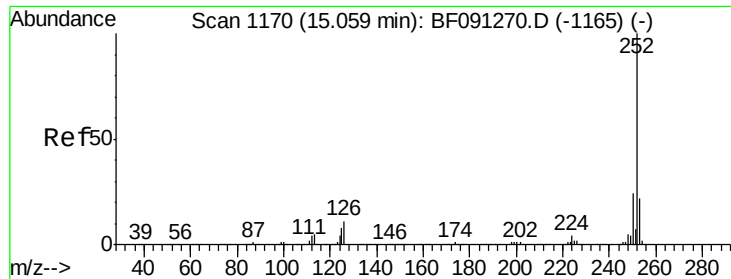
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.0	17.0	25.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.97 ng

RT: 15.07 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Instrument :

BNA_F

ClientSampleId :

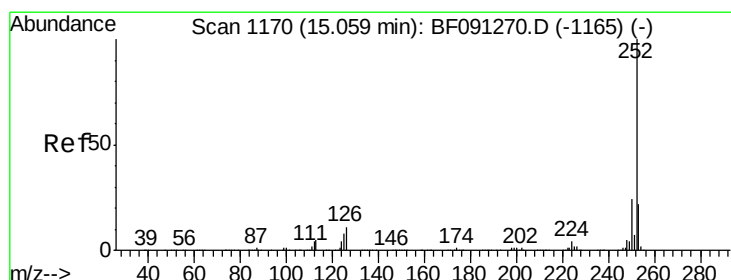
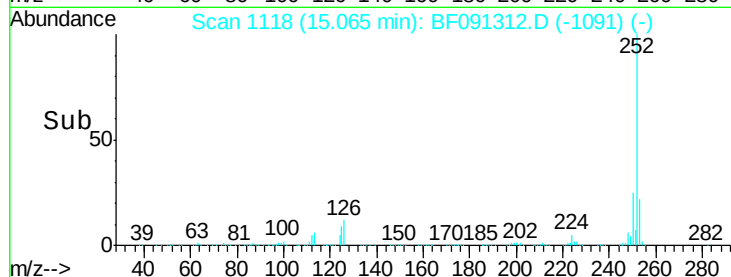
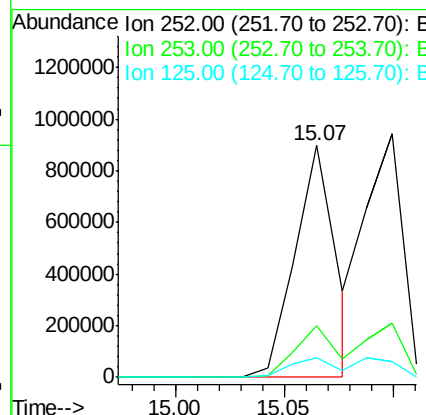
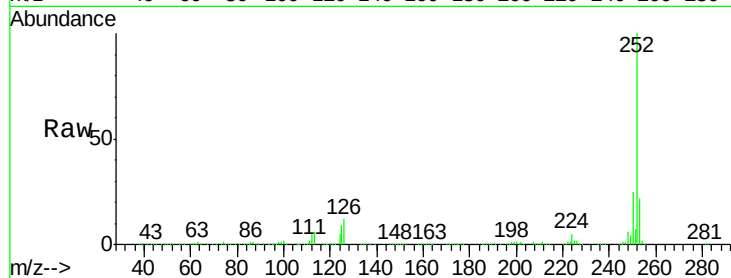
SSTDCCC040

Tot Ion:252 Resp: 1163015

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	8.7	8.6	13.0

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#88

Benzo(k)fluoranthene

Concen: 45.58 ng m

RT: 15.10 min Scan# 1121

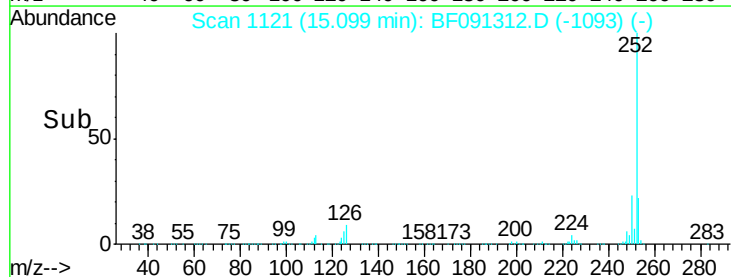
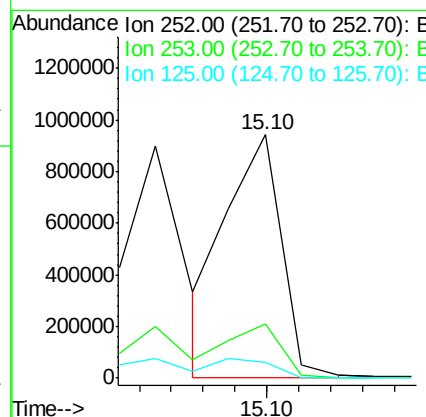
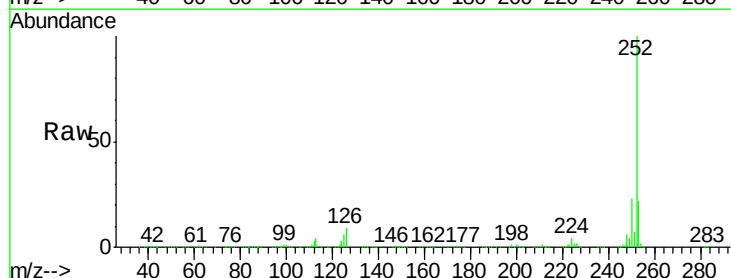
Delta R.T. 0.02 min

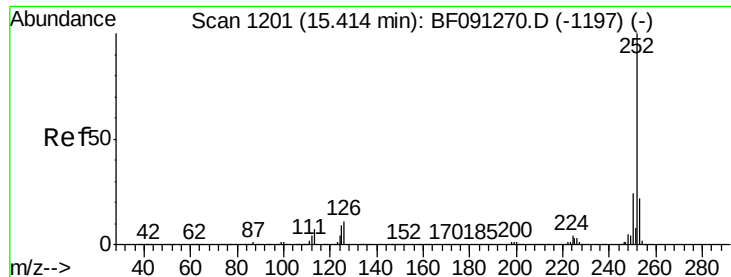
Lab File: BF091312.D

Acq: 28 Nov 2016 12:52

Tgt Ion:252 Resp: 1140133

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	6.4	9.6	14.4#





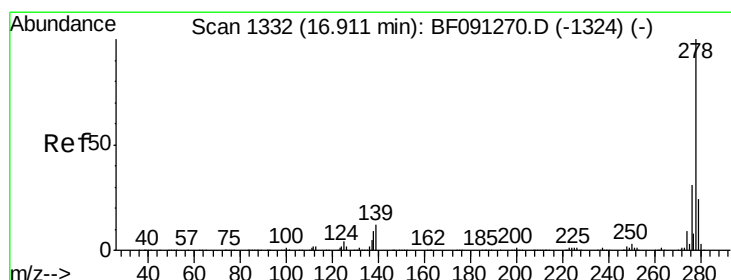
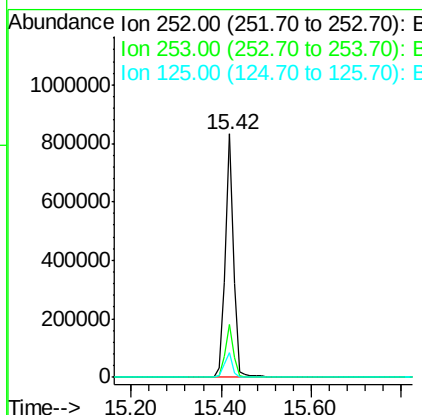
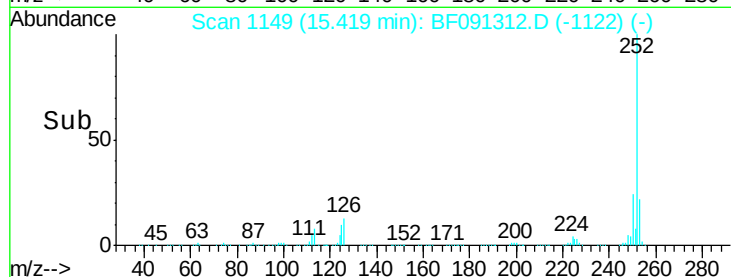
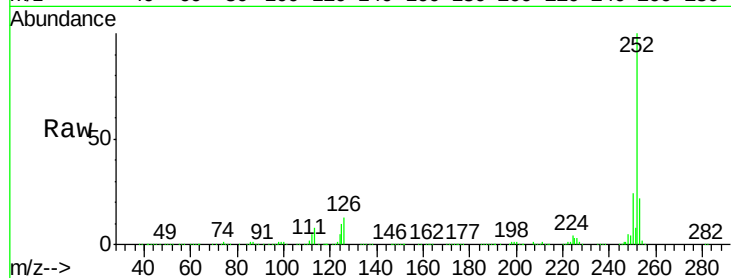
#89
Benzo(a)pyrene
Concen: 41.05 ng
RT: 15.42 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	10.1	10.4	15.6

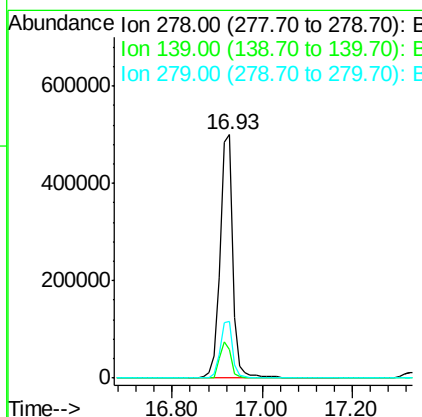
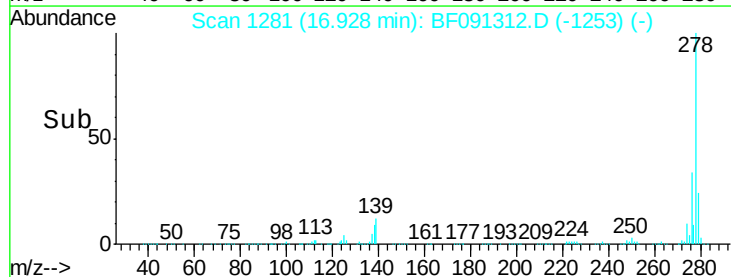
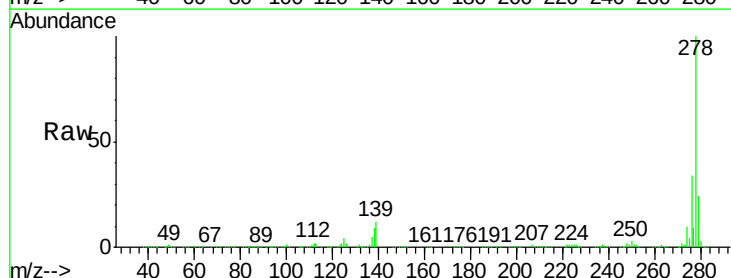
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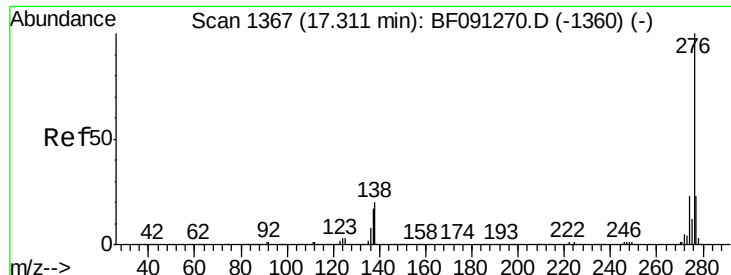
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#90
Dibenzo(a,h)anthracene
Concen: 41.25 ng
RT: 16.93 min Scan# 1281
Delta R.T. 0.02 min
Lab File: BF091312.D
Acq: 28 Nov 2016 12:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.5	15.1	22.7
279	23.5	19.0	28.6





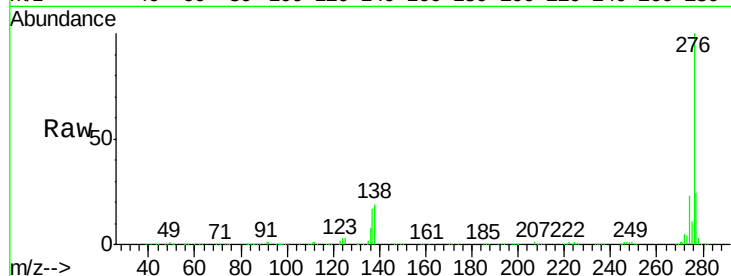
#91
 Benzo(a,h,i)perylene
 Concen: 43.32 ng
 RT: 17.33 min Scan# 1316
 Delta R.T. 0.02 min
 Lab File: BF091312.D
 Acq: 28 Nov 2016 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	19.3	15.4	23.0

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

